

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
 Data File : BF119497.D
 Acq On : 24 Mar 2020 20:47
 Operator : CG/JU
 Sample : PB127731BS
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Quant Time: Mar 25 00:19:26 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF031820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 18 15:11:18 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.85	152	299828	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	1153509	20.00	ng	-0.02
39) Acenaphthene-d10	9.89	164	612613	20.00	ng	-0.01
64) Phenanthrene-d10	11.37	188	1194013	20.00	ng	-0.02
76) Chrysene-d12	14.02	240	859389	20.00	ng	-0.01
87) Perylene-d12	15.49	264	730328	20.00	ng	-0.01

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.46	112	2028174	107.68	ng	0.00
7) Phenol-d6	6.47	99	2605044	108.27	ng	0.00
23) Nitrobenzene-d5	7.41	82	1641595	77.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.68	330	787955	124.67	ng	-0.01
45) 2-Fluorobiphenyl	9.21	172	3123860	75.54	ng	-0.01
79) Terphenyl-d14	12.97	244	3658574	83.41	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	2.68	88	282192	30.336	ng	98
3) Pyridine	3.42	79	788789	30.779	ng	99
4) n-Nitrosodimethylamine	3.36	42	432340	34.595	ng	95
6) Aniline	6.50	93	924128	27.830	ng	99
8) 2-Chlorophenol	6.63	128	838697	42.398	ng	99
9) Benzaldehyde	6.39	77	545786	35.759	ng	98
10) Phenol	6.48	94	1068245	41.611	ng	97
11) bis(2-Chloroethyl)ether	6.57	93	793647	38.653	ng	97
12) 1,3-Dichlorobenzene	6.79	146	837407	39.113	ng	98
13) 1,4-Dichlorobenzene	6.86	146	847951	39.596	ng	98
14) 1,2-Dichlorobenzene	7.02	146	793285	39.631	ng	99
15) Benzyl Alcohol	6.98	79	720773	39.826	ng	97
16) 2,2'-oxybis(1-Chloropropan	7.12	45	1536300	37.095	ng	99
17) 2-Methylphenol	7.09	107	680494	37.546	ng	98
18) Hexachloroethane	7.36	117	323725	41.250	ng	98
19) n-Nitroso-di-n-propylamine	7.26	70	583266	40.220	ng	98
20) 3+4-Methylphenols	7.09	107	680494	30.636	ng	78
22) Acetophenone	7.25	105	1085795	39.394	ng	# 88
24) Nitrobenzene	7.43	77	872044	38.446	ng	96
25) Isophorone	7.67	82	1613884	37.485	ng	97
26) 2-Nitrophenol	7.75	139	436543	48.880	ng	98
27) 2,4-Dimethylphenol	7.78	122	752857	40.768	ng	99
28) bis(2-Chloroethoxy)methane	7.88	93	1030287	40.468	ng	99
29) 2,4-Dichlorophenol	7.99	162	701319	41.332	ng	97
30) 1,2,4-Trichlorobenzene	8.07	180	738298	39.344	ng	99
31) Naphthalene	8.15	128	2347949	39.554	ng	99
32) Benzoic acid	7.90	122	583966	49.160	ng	99
33) 4-Chloroaniline	8.20	127	467478	17.187	ng	96
34) Hexachlorobutadiene	8.27	225	430037	40.959	ng	98
35) Caprolactam	8.57	113	130044	23.418	ng	96
36) 4-Chloro-3-methylphenol	8.68	107	760005	40.981	ng	99
37) 2-Methylnaphthalene	8.85	142	1604857	41.195	ng	99
38) 1-Methylnaphthalene	8.95	142	1529169	41.470	ng	100
40) 1,2,4,5-Tetrachlorobenzene	9.01	216	689724	38.412	ng	99

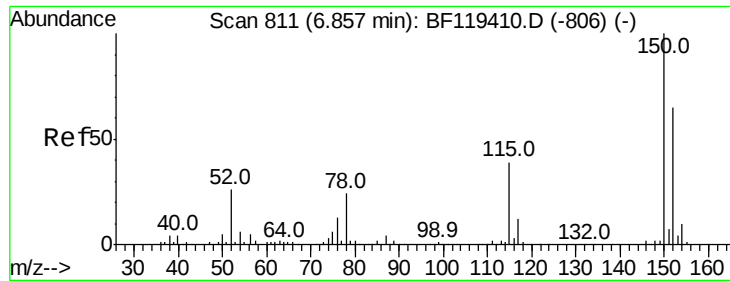
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF032420\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	9.00	237	849667	83.233	ng	99
43) 2,4,6-Trichlorophenol	9.12	196	534609	41.604	ng	99
44) 2,4,5-Trichlorophenol	9.16	196	540344	37.537	ng	96
46) 1,1'-Biphenyl	9.31	154	1948127	39.045	ng	98
47) 2-Chloronaphthalene	9.33	162	1514838	38.760	ng	99
48) 2-Nitroaniline	9.43	65	550230	40.788	ng	99
49) Acenaphthylene	9.75	152	2358116	38.422	ng	99
50) Dimethylphthalate	9.62	163	1762919	40.514	ng	100
51) 2,6-Dinitrotoluene	9.67	165	405120	43.435	ng	97
52) Acenaphthene	9.92	154	1630961	42.627	ng	99
53) 3-Nitroaniline	9.84	138	265649	22.560	ng	95
54) 2,4-Dinitrophenol	9.95	184	376598	92.104	ng	96
55) Dibenzofuran	10.10	168	2145685	39.114	ng	99
56) 4-Nitrophenol	10.00	139	714498	76.918	ng	86
57) 2,4-Dinitrotoluene	10.07	165	537833	45.775	ng	89
58) Fluorene	10.44	166	1649305	40.657	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.21	232	471808	43.849	ng	99
60) Diethylphthalate	10.32	149	1849874	41.886	ng	99
61) 4-Chlorophenyl-phenylether	10.43	204	809506	40.807	ng	97
62) 4-Nitroaniline	10.46	138	425922	37.720	ng	99
63) Azobenzene	10.59	77	1767702	39.747	ng	97
65) 4,6-Dinitro-2-methylphenol	10.49	198	256486	51.227	ng	89
66) n-Nitrosodiphenylamine	10.55	169	1527680	38.974	ng	98
67) 4-Bromophenyl-phenylether	10.92	248	535600	39.387	ng	100
68) Hexachlorobenzene	10.99	284	568946	40.880	ng	97
69) Atrazine	11.08	200	487392	45.356	ng	98
70) Pentachlorophenol	11.18	266	637931	78.172	ng	98
71) Phenanthrene	11.40	178	2417082	39.040	ng	100
72) Anthracene	11.46	178	2474189	39.320	ng	100
73) Carbazole	11.61	167	2321664	37.276	ng	99
74) Di-n-butylphthalate	11.95	149	2946189	44.220	ng	99
75) Fluoranthene	12.59	202	2674334	39.913	ng	100
77) Benzidine	12.71	184	1375839	37.829	ng	98
78) Pyrene	12.82	202	2688670	38.121	ng	99
80) Butylbenzylphthalate	13.44	149	1332637	46.717	ng	98
81) Benzo(a)anthracene	14.01	228	2074269	37.117	ng	99
82) 3,3'-Dichlorobenzidine	13.97	252	589479	26.752	ng	98
83) Chrysene	14.05	228	2174660	37.705	ng	100
84) Bis(2-ethylhexyl)phthalate	14.00	149	1735809	51.045	ng	100
85) Di-n-octyl phthalate	14.62	149	3067579	51.293	ng	98
86) Indeno(1,2,3-cd)pyrene	16.96	276	1892055	34.832	ng	98
88) Benzo(b)fluoranthene	15.06	252	2029698	41.604	ng	98
89) Benzo(k)fluoranthene	15.09	252	1906525	41.041	ng	99
90) Benzo(a)pyrene	15.43	252	1724149	38.888	ng	98
91) Dibenzo(a,h)anthracene	16.97	278	1577943	40.691	ng	99
92) Benzo(g,h,i)perylene	17.40	276	1549948	39.784	ng	97

(#) = qualifier out of range (m) = manual integration (+) = signals summed

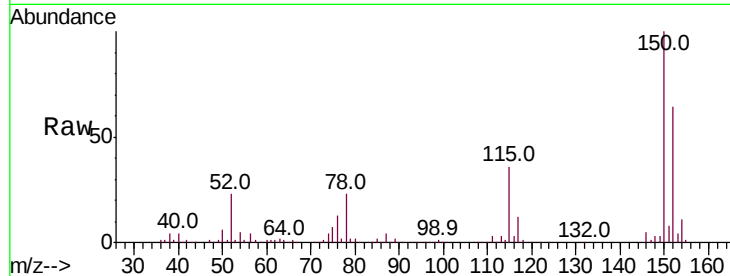


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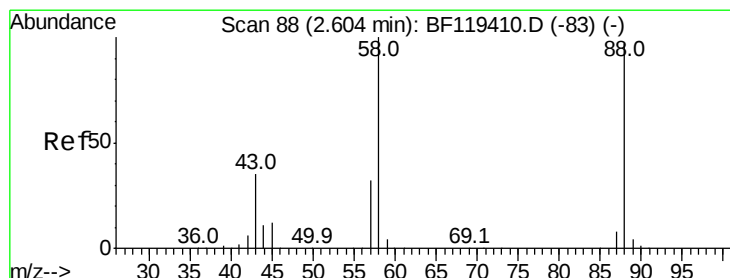
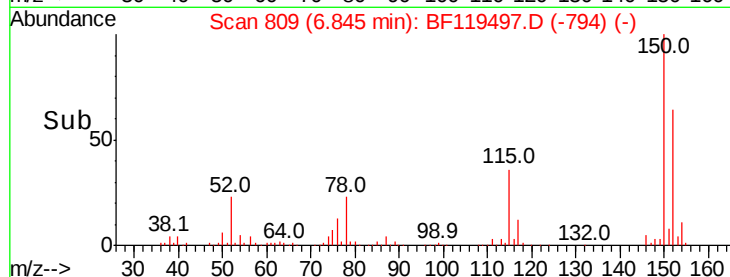
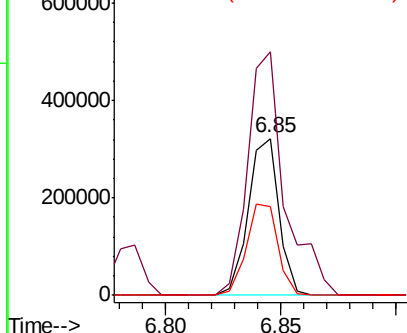
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.85 min Scan# 809
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion:152 Resp: 299828
Ion Ratio Lower Upper
152 100
150 155.4 123.9 185.9
115 56.3 47.8 71.6



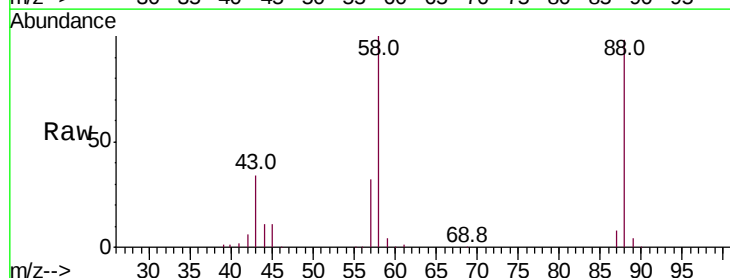
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



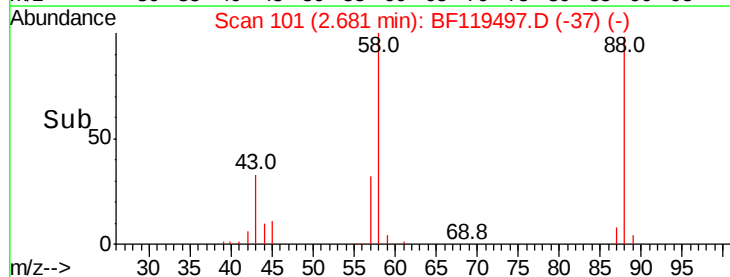
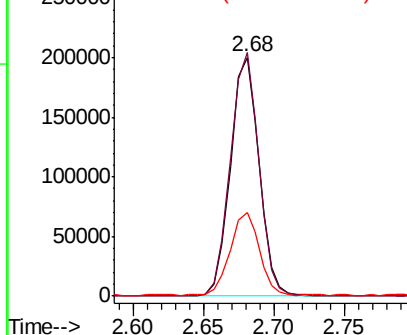
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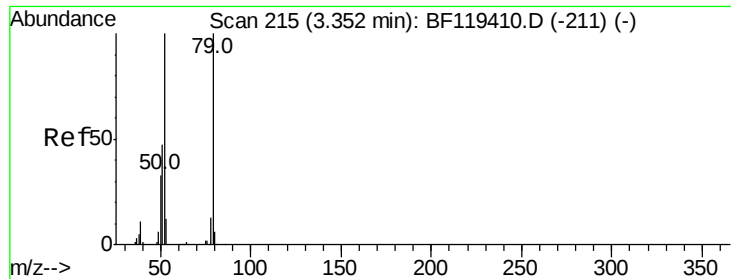
1,4-Dioxane
Concen: 30.336 ng
RT: 2.68 min Scan# 101
Delta R.T. 0.08 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion: 88 Resp: 282192
Ion Ratio Lower Upper
88 100
58 101.8 79.4 119.2
43 35.2 28.4 42.6



Abundance Ion 88.00 (87.70 to 88.70): BF1
Ion 58.00 (57.70 to 58.70): BF1
Ion 43.00 (42.70 to 43.70): BF1





#3

Pvridine

Concen: 30.779 ng

RT: 3.42 min Scan# 226

Delta R.T. 0.06 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

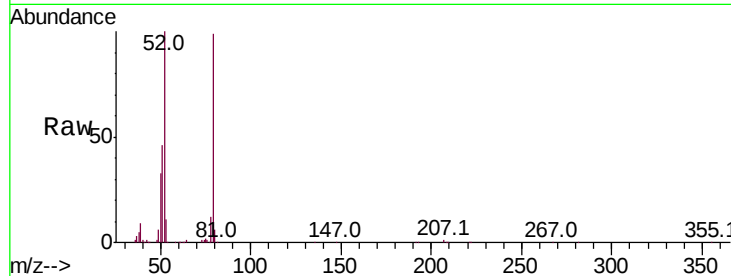
Tot Ion: 79 Resp: 788789

Ion Ratio Lower Upper

79 100

52 101.1 80.0 120.0

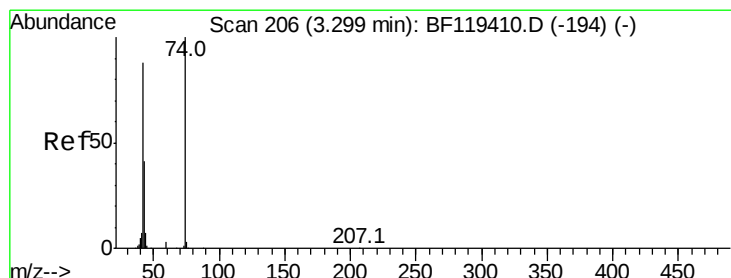
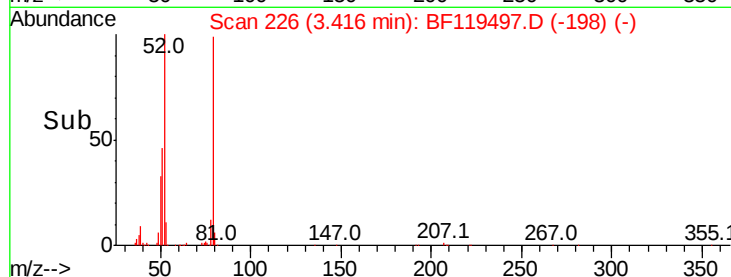
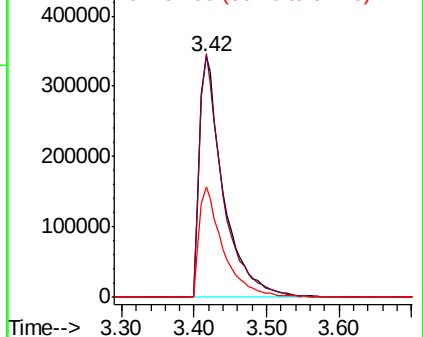
51 46.1 37.9 56.9



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 52.00 (51.70 to 52.70): BF1

Ion 51.00 (50.70 to 51.70): BF1



#4

n-Nitrosodimethylamine

Concen: 34.595 ng

RT: 3.36 min Scan# 217

Delta R.T. 0.06 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

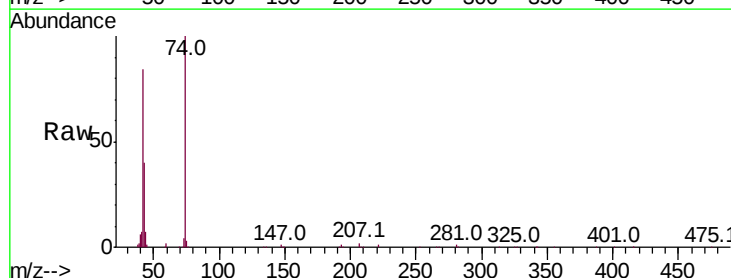
Tgt Ion: 42 Resp: 432340

Ion Ratio Lower Upper

42 100

74 119.6 91.3 136.9

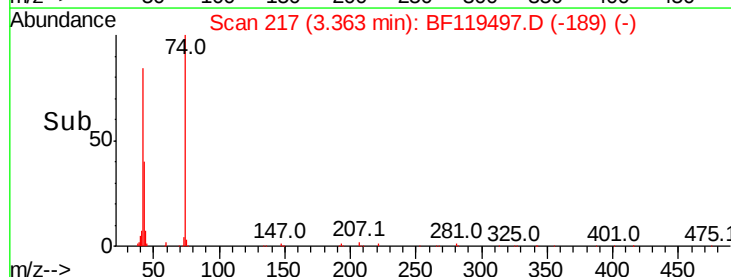
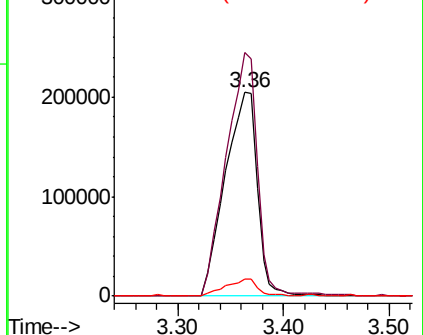
44 8.2 7.1 10.7

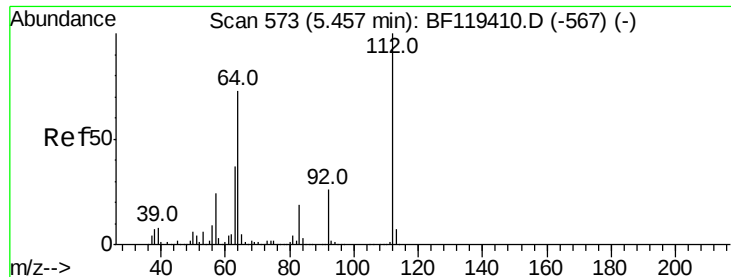


Abundance Ion 42.00 (41.70 to 42.70): BF1

Ion 74.00 (73.70 to 74.70): BF1

Ion 44.00 (43.70 to 44.70): BF1





#5

2-Fluorophenol

Concen: 107.684 ng

RT: 5.46 min Scan# 574

Delta R.T. 0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

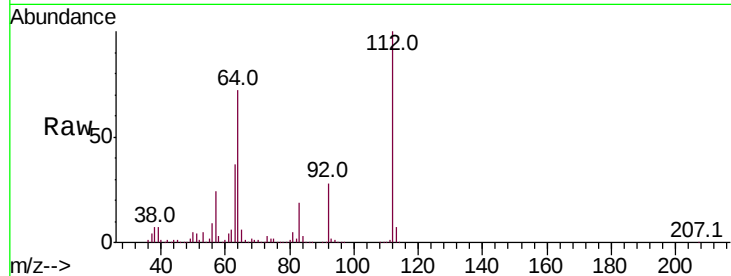
Tot Ion:112 Resp: 2028174

Ion Ratio Lower Upper

112 100

64 72.2 58.1 87.1

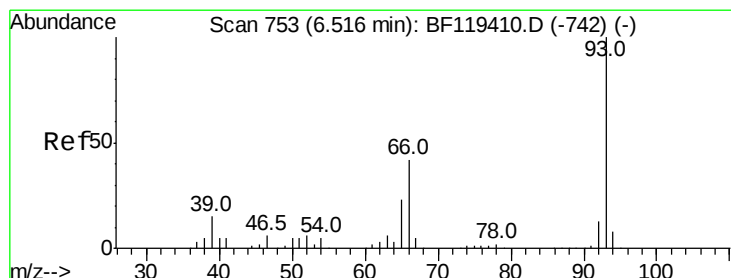
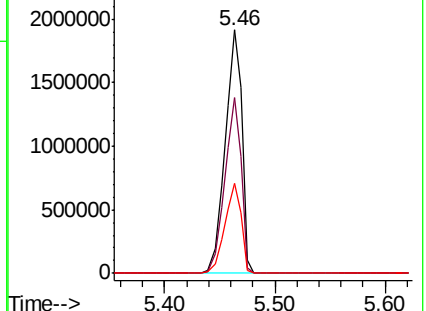
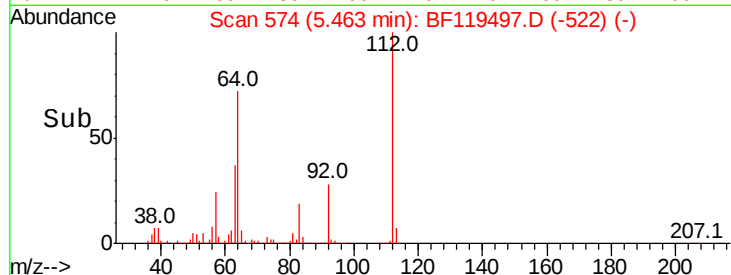
63 37.1 29.7 44.5



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 27.830 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

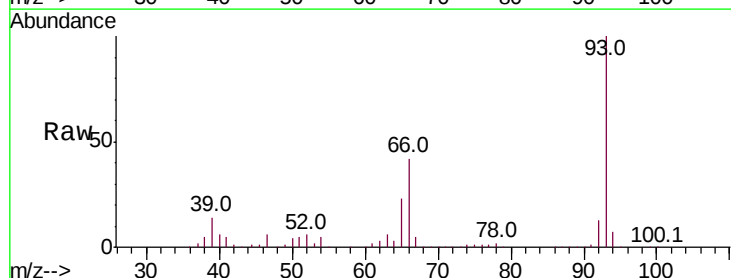
Tgt Ion: 93 Resp: 924128

Ion Ratio Lower Upper

93 100

66 41.9 34.2 51.4

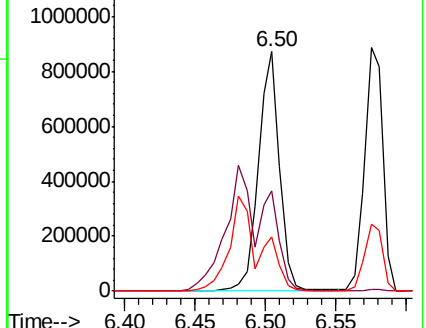
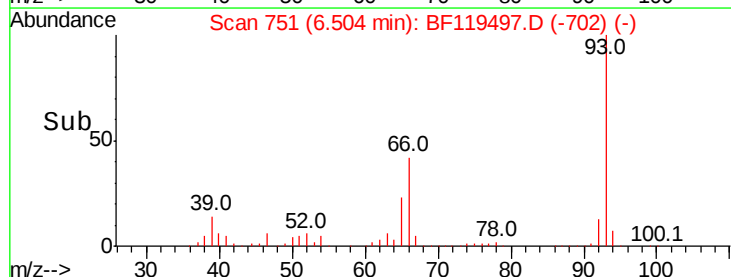
65 22.8 18.2 27.4

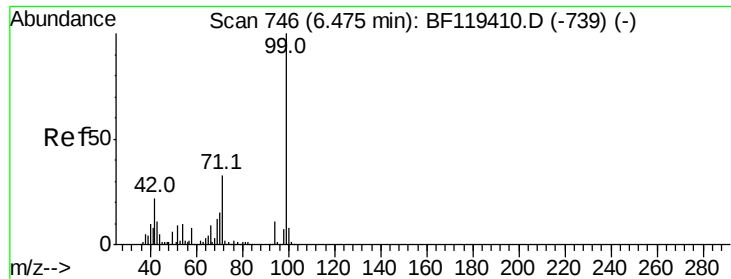


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 108.274 ng

RT: 6.47 min Scan# 745

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

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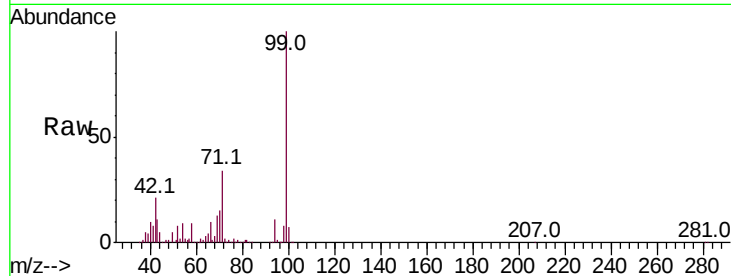
Tot Ion: 99 Resp: 2605044

Ion Ratio Lower Upper

99 100

42 21.1 17.8 26.6

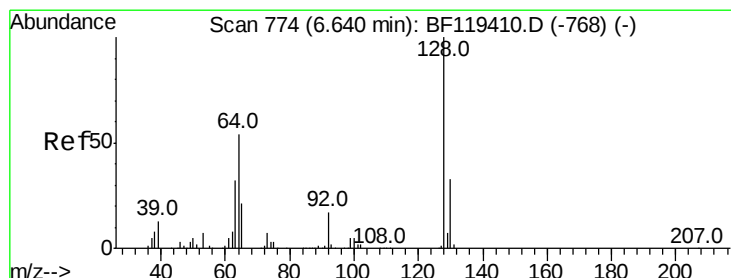
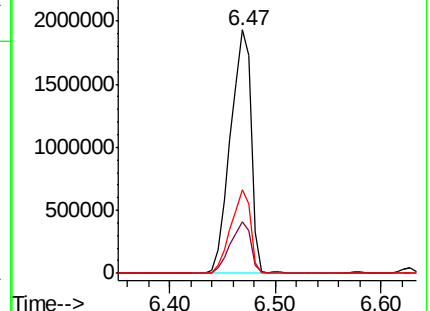
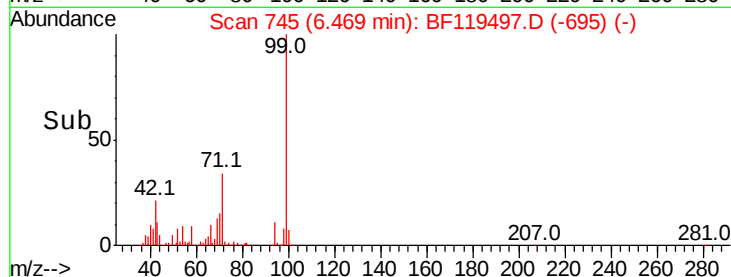
71 34.1 26.0 39.0



Abundance Ion 99.00 (98.70 to 99.70): BF1

Ion 42.00 (41.70 to 42.70): BF1

Ion 71.00 (70.70 to 71.70): BF1



#8

2-Chlorophenol

Concen: 42.398 ng

RT: 6.63 min Scan# 772

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

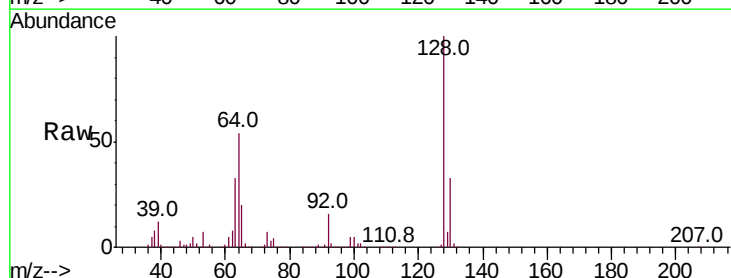
Tgt Ion:128 Resp: 838697

Ion Ratio Lower Upper

128 100

130 32.8 13.0 53.0

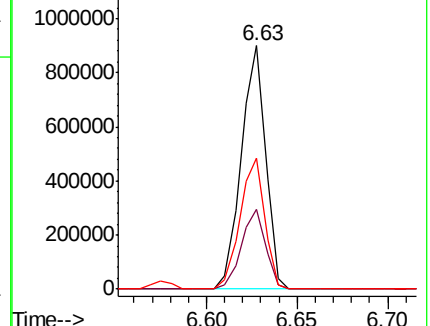
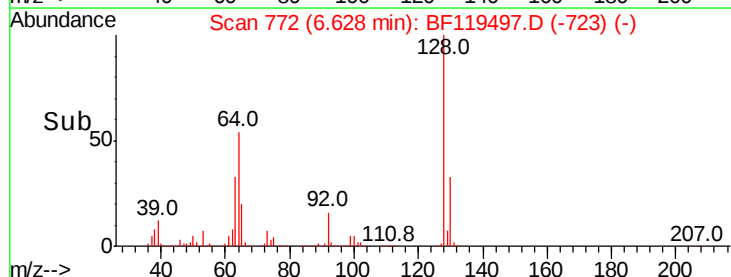
64 53.8 35.1 75.1

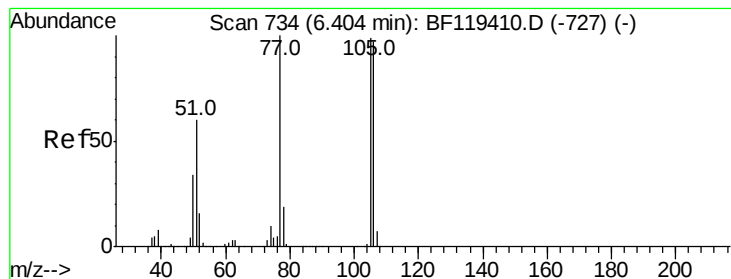


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF1





#9

Benzaldehyde

Concen: 35.759 ng

RT: 6.39 min Scan# 732

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

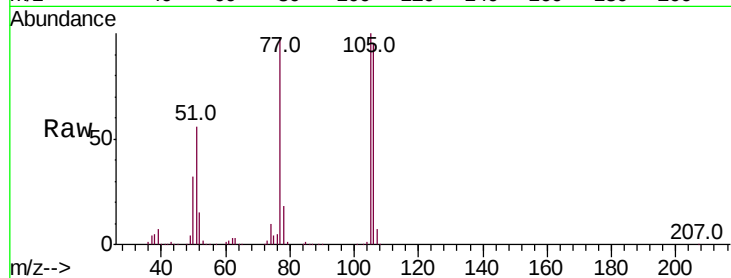
Tot Ion: 77 Resp: 545786

Ion Ratio Lower Upper

77 100

105 101.6 78.6 118.6

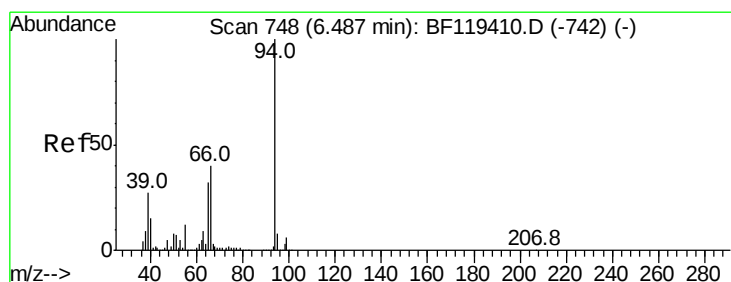
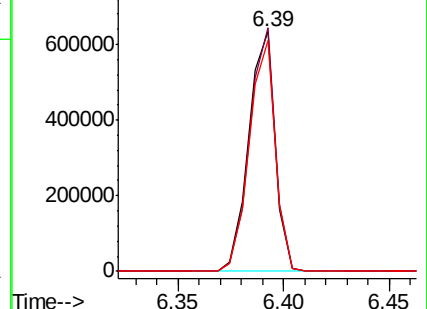
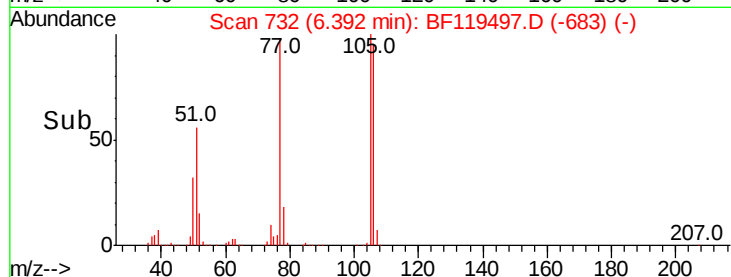
106 96.6 76.5 116.5



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 105.00 (104.70 to 105.70): BF1

Ion 106.00 (105.70 to 106.70): BF1



#10

Phenol

Concen: 41.611 ng

RT: 6.48 min Scan# 747

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

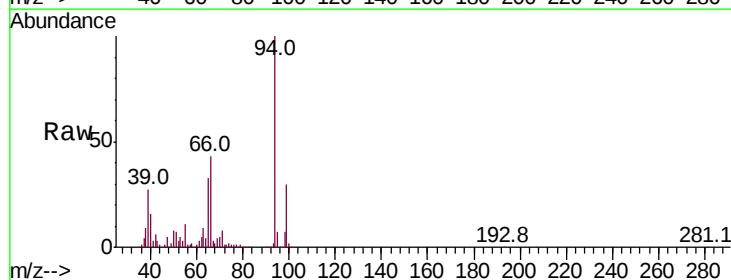
Tgt Ion: 94 Resp: 1068245

Ion Ratio Lower Upper

94 100

65 32.7 12.0 52.0

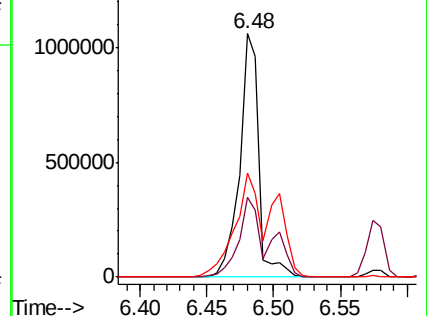
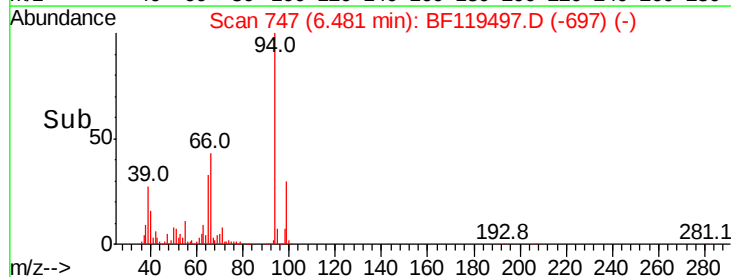
66 43.0 20.6 60.6

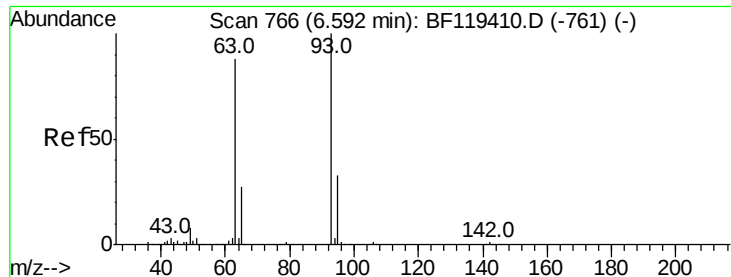


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

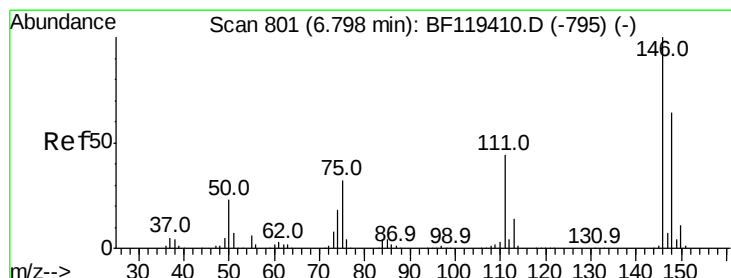
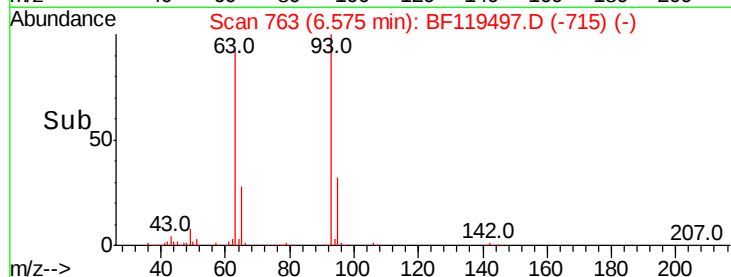
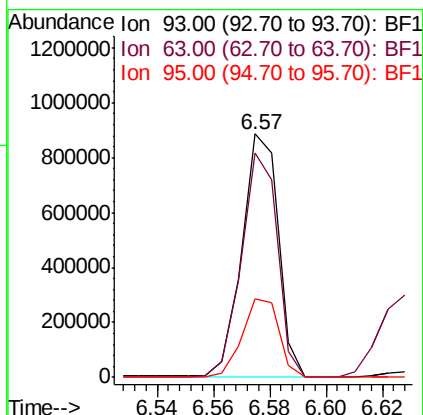
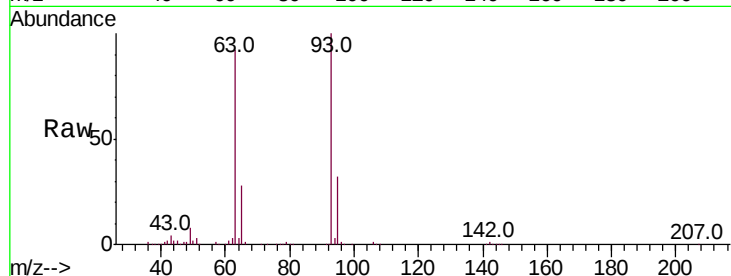




#11
bis(2-Chloroethyl)ether
Concen: 38.653 ng
RT: 6.57 min Scan# 763
Delta R.T. -0.02 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

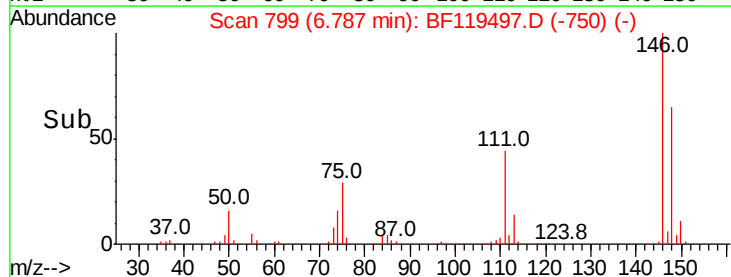
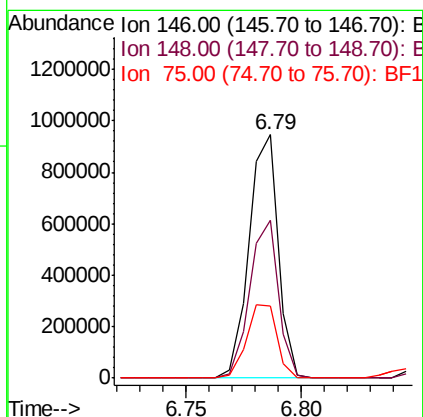
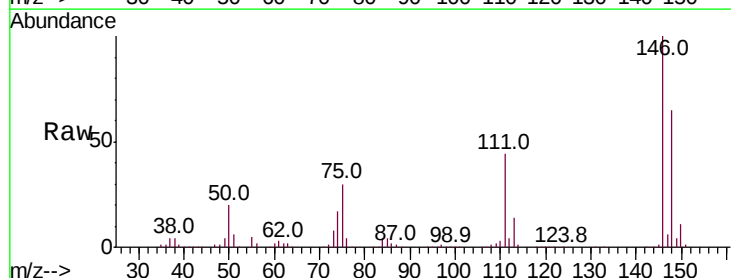
Instrument :
BNA_F
ClientSampleId :
PB127731BS

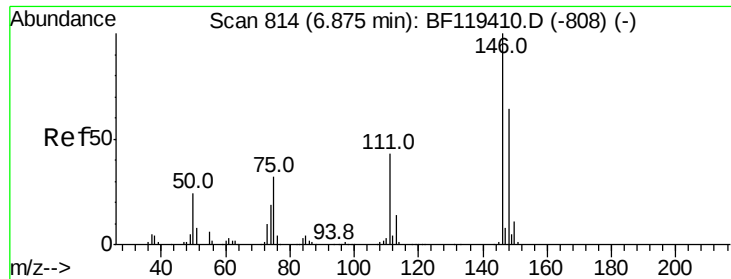
Tot Ion: 93 Resp: 793647
Ion Ratio Lower Upper
93 100
63 92.2 68.4 108.4
95 32.4 13.4 53.4



#12
1,3-Dichlorobenzene
Concen: 39.113 ng
RT: 6.79 min Scan# 799
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion: 146 Resp: 837407
Ion Ratio Lower Upper
146 100
148 65.1 51.4 77.0
75 29.7 25.8 38.8

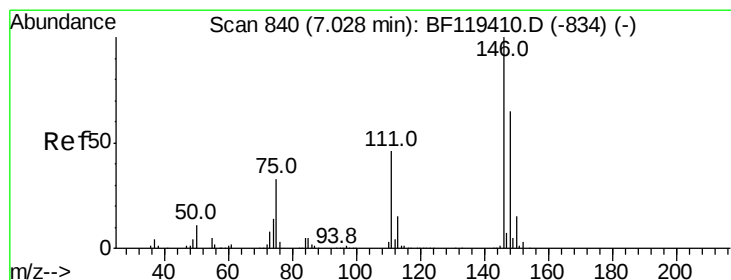
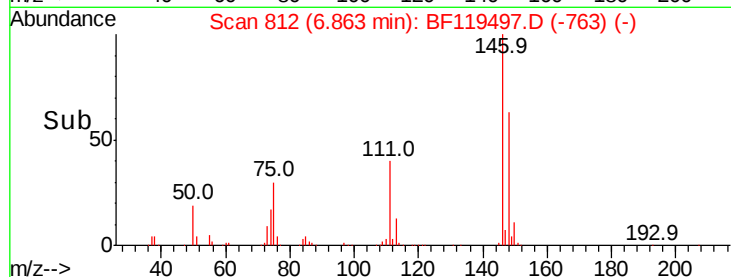
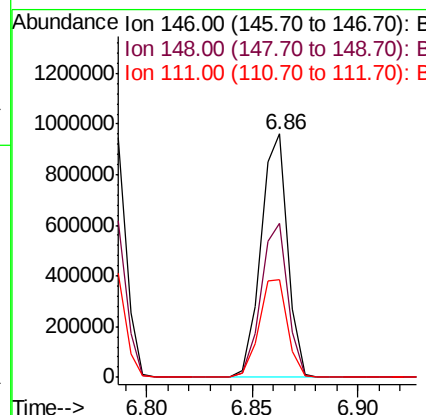
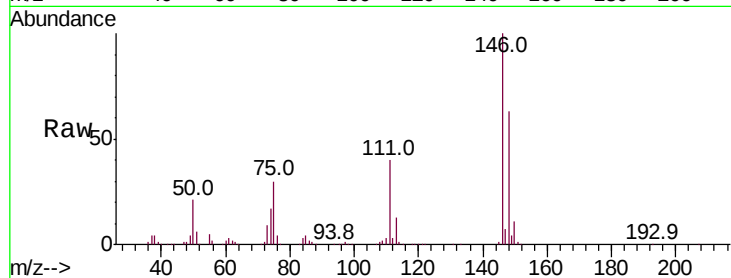




#13
 1,4-Dichlorobenzene
 Concen: 39.596 ng
 RT: 6.86 min Scan# 812
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

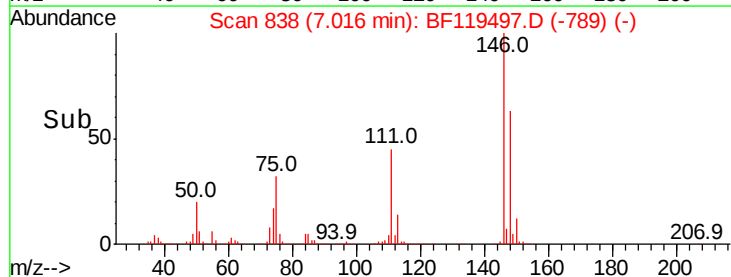
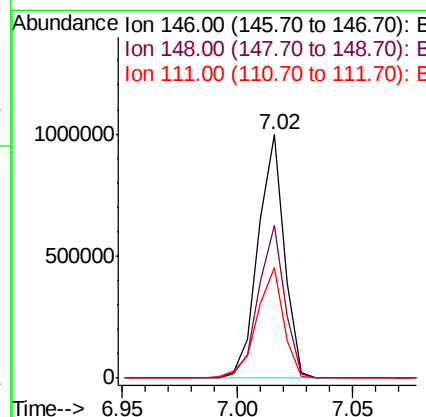
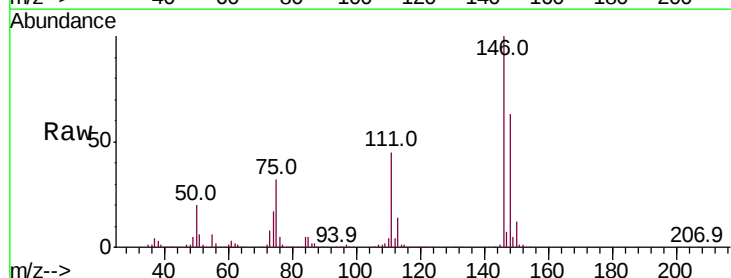
Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

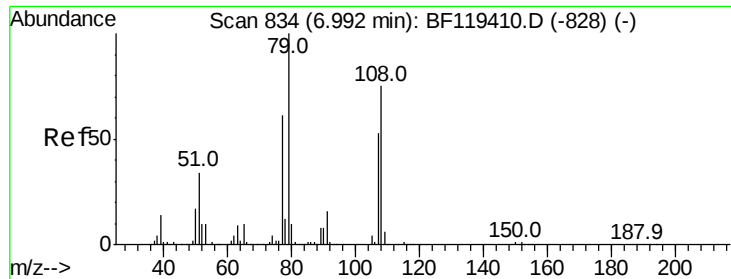
Tot Ion:146 Resp: 847951
 Ion Ratio Lower Upper
 146 100
 148 63.0 50.9 76.3
 111 40.4 34.6 52.0



#14
 1,2-Dichlorobenzene
 Concen: 39.631 ng
 RT: 7.02 min Scan# 838
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Tgt Ion:146 Resp: 793285
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.7 77.5
 111 45.4 36.4 54.6





#15

Benzyl Alcohol

Concen: 39.826 ng

RT: 6.98 min Scan# 832

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

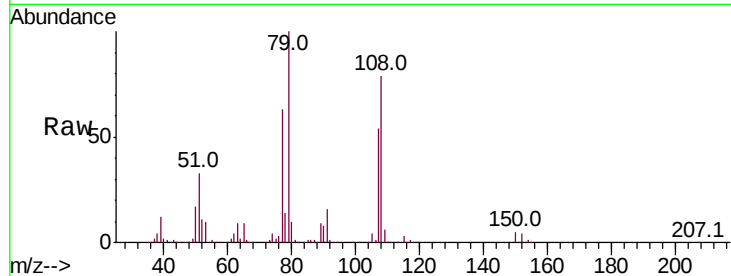
Tot Ion: 79 Resp: 720773

Ion Ratio Lower Upper

79 100

108 78.5 60.4 90.6

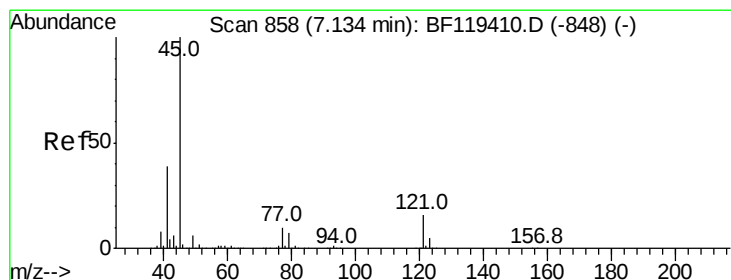
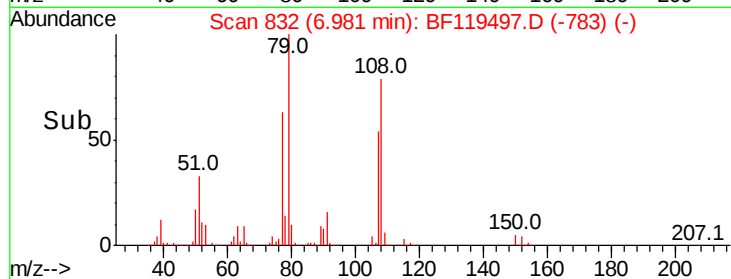
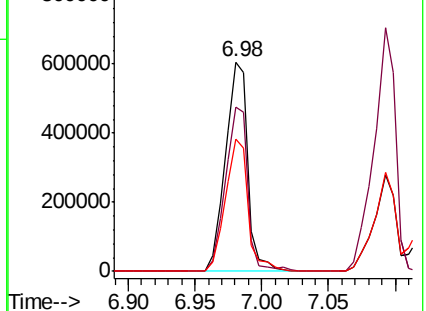
77 63.1 49.0 73.4



Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): BF1

Ion 77.00 (76.70 to 77.70): BF1



#16

2,2'-oxybis(1-chloropropane)

Concen: 37.095 ng

RT: 7.12 min Scan# 856

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

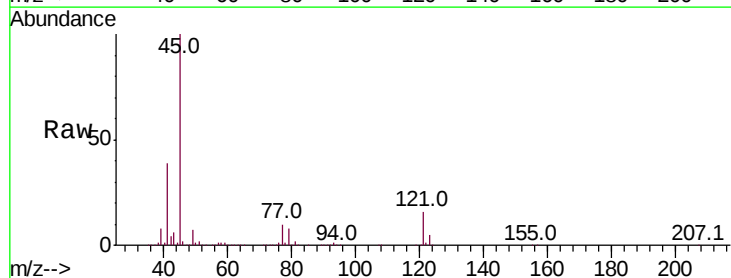
Tgt Ion: 45 Resp: 1536300

Ion Ratio Lower Upper

45 100

77 10.5 0.0 30.1

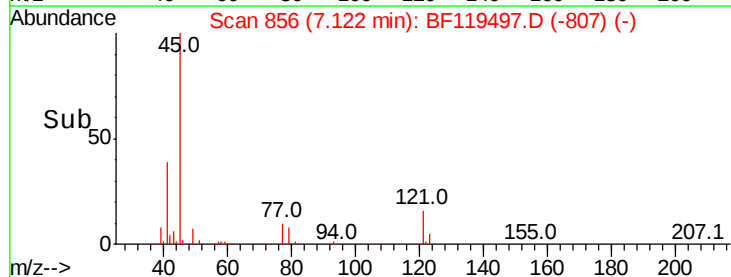
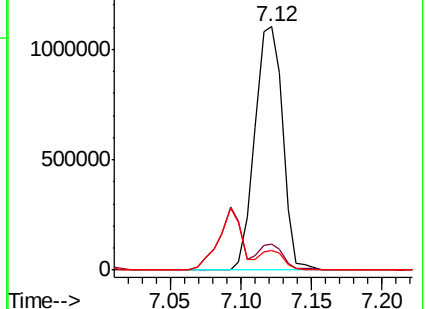
79 8.0 0.0 27.4

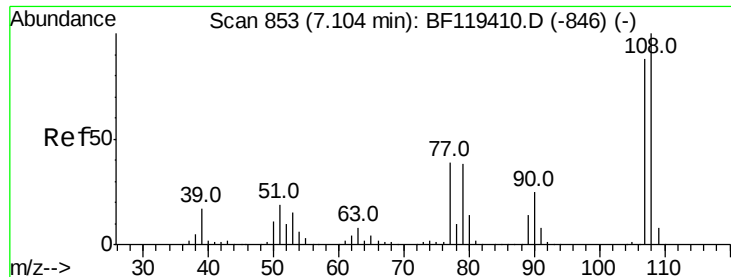


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1

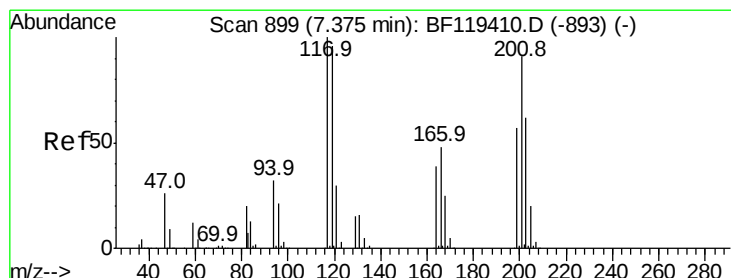
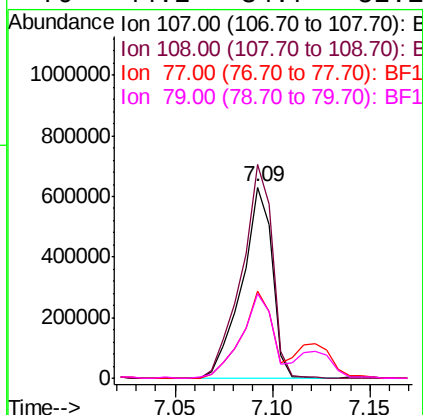
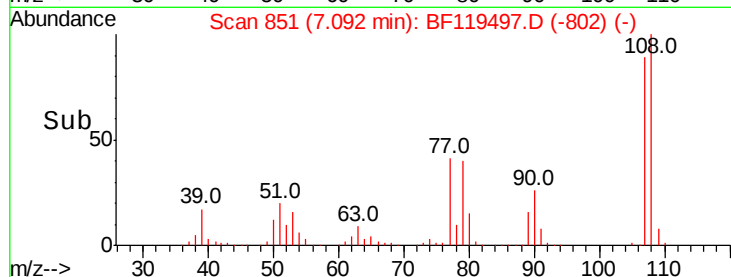
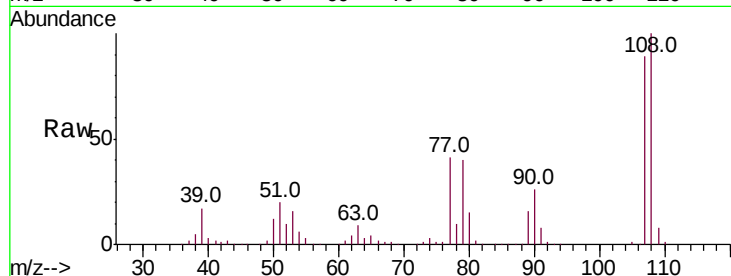




#17
2-Methylphenol
Concen: 37.546 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

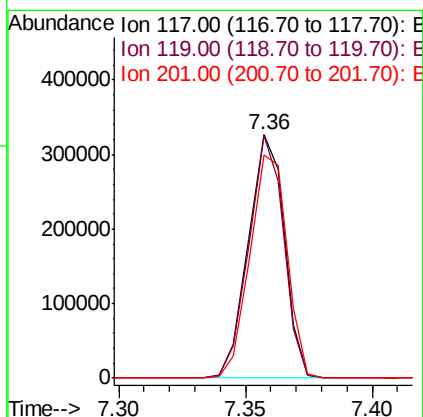
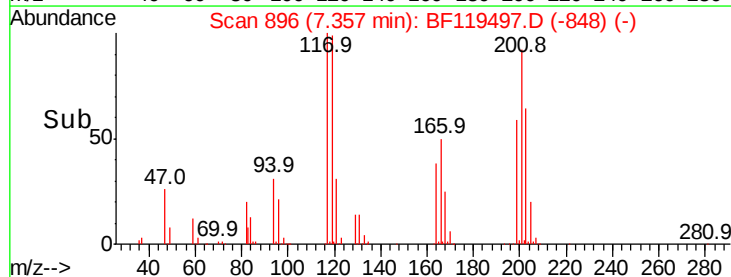
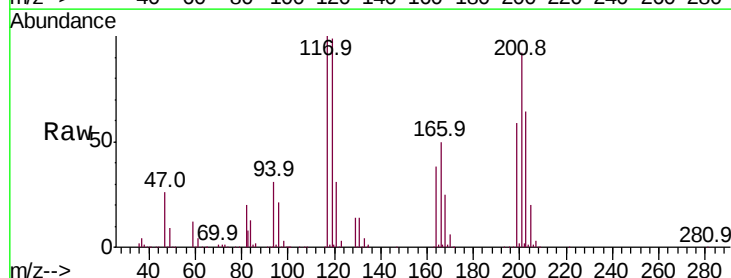
Instrument :
BNA_F
ClientSampleId :
PB127731BS

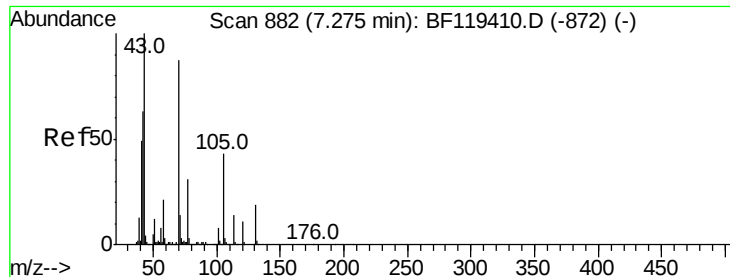
Tot Ion:107 Resp: 680494
Ion Ratio Lower Upper
107 100
108 111.8 90.7 136.1
77 45.7 35.6 53.4
79 44.2 34.7 52.1



#18
Hexachloroethane
Concen: 41.250 ng
RT: 7.36 min Scan# 896
Delta R.T. -0.02 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion:117 Resp: 323725
Ion Ratio Lower Upper
117 100
119 99.3 76.8 115.2
201 91.8 72.5 108.7

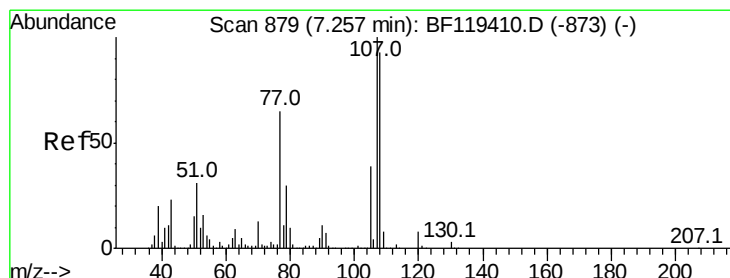
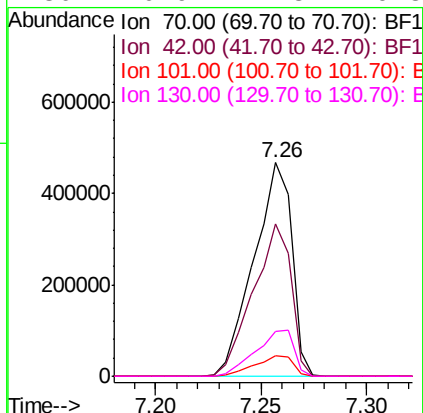
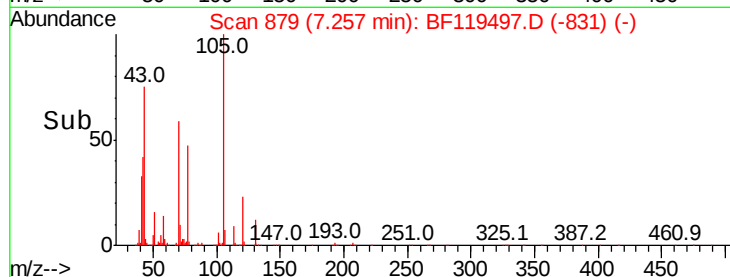
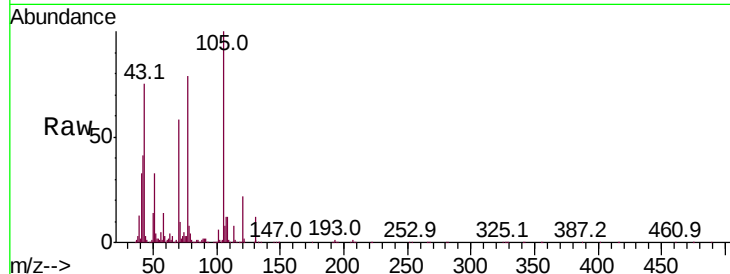




#19
n-Nitroso-di-n-propylamine
Concen: 40.220 ng
RT: 7.26 min Scan# 879
Delta R.T. -0.02 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

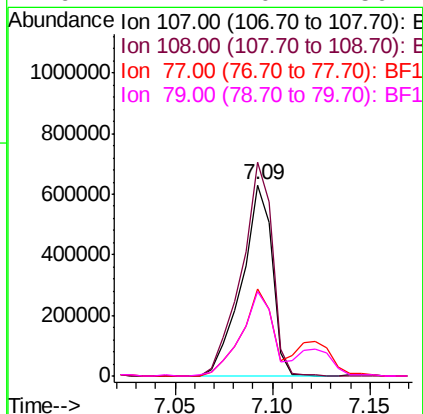
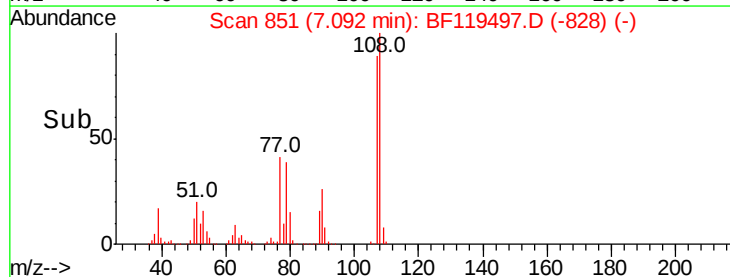
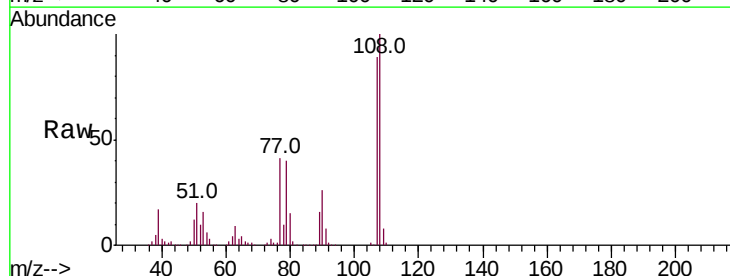
Instrument :
BNA_F
ClientSampleId :
PB127731BS

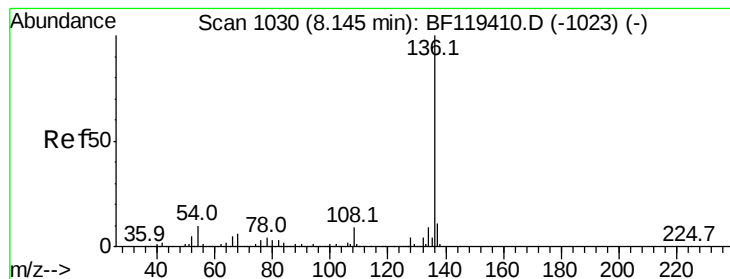
Tot Ion:	70	Resp:	583266
Ion	Ratio	Lower	Upper
70	100		
42	71.3	58.2	87.4
101	9.5	7.4	11.2
130	20.9	17.8	26.8



#20
3+4-Methylphenols
Concen: 30.636 ng
RT: 7.09 min Scan# 851
Delta R.T. -0.16 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion:	107	Resp:	680494
Ion	Ratio	Lower	Upper
107	100		
108	111.8	72.6	112.6
77	45.7	44.7	84.7
79	44.2	10.2	50.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.13 min Scan# 1027

Delta R.T. -0.02 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

Tot Ion:136 Resp: 1153509

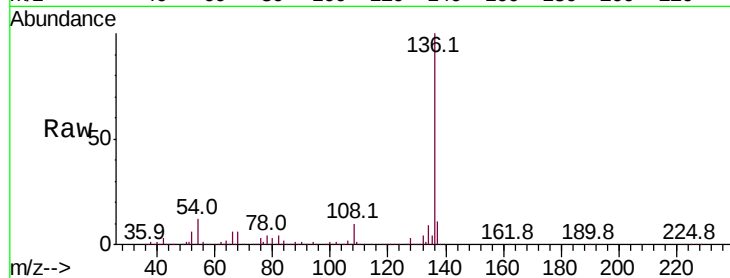
Ion Ratio Lower Upper

136 100

137 11.2 8.4 12.6

54 11.8 8.3 12.5

68 6.0 4.9 7.3

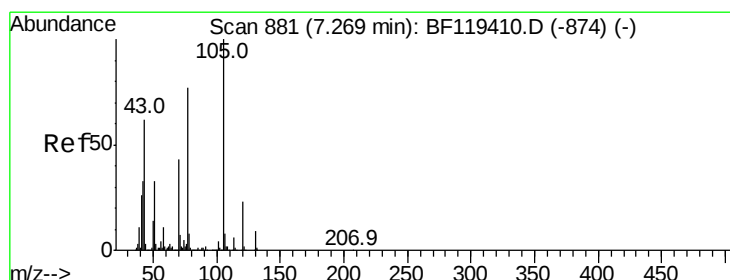
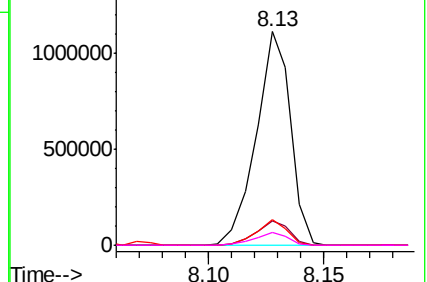
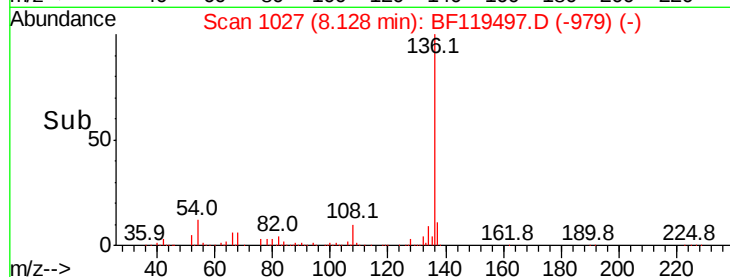


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#22

Acetophenone

Concen: 39.394 ng

RT: 7.25 min Scan# 878

Delta R.T. -0.02 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Tgt Ion:105 Resp: 1085795

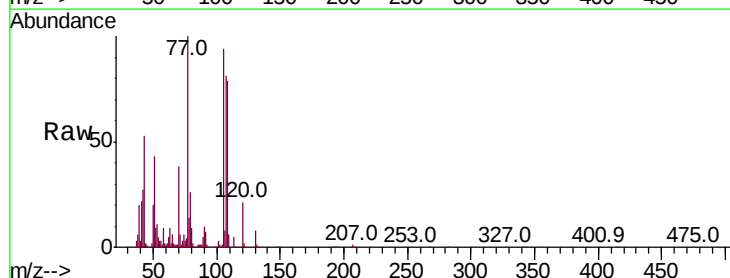
Ion Ratio Lower Upper

105 100

71 6.5 5.8 8.6

51 45.9 26.8 40.2#

120 22.4 18.0 27.0

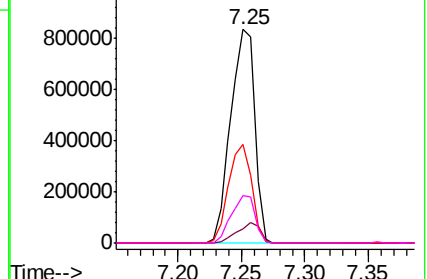
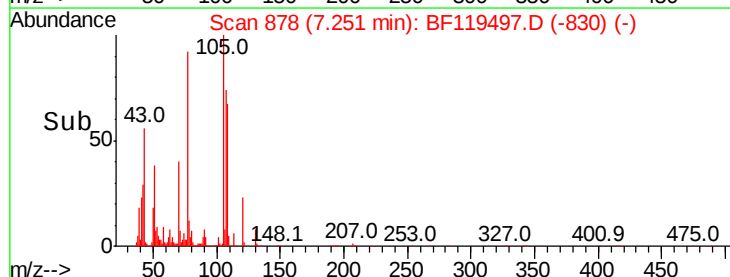


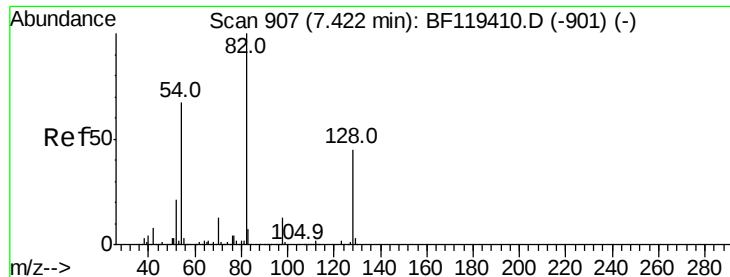
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E

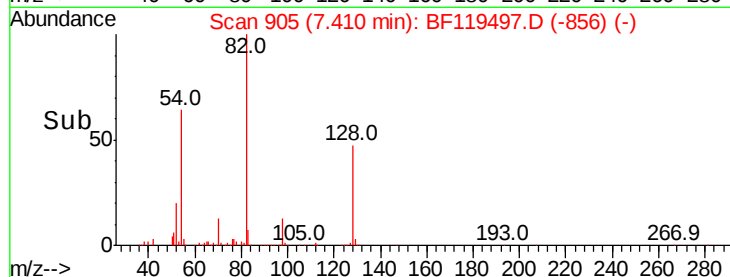
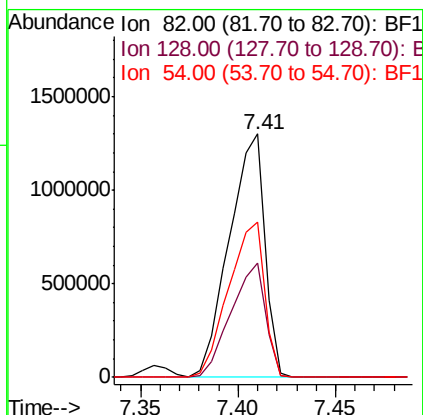
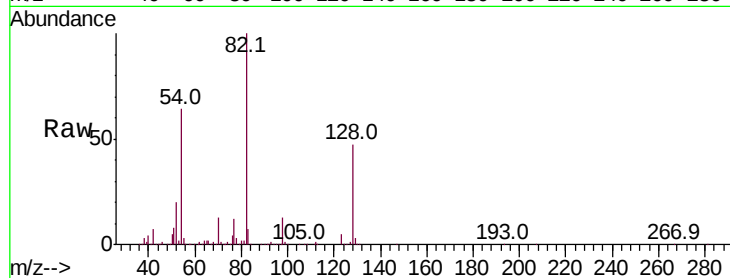




#23
Nitrobenzene-d5
Concen: 77.344 ng
RT: 7.41 min Scan# 905
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

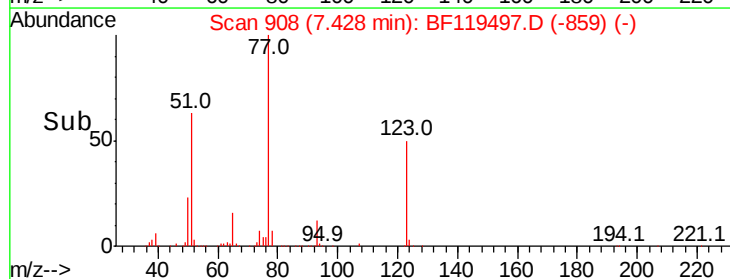
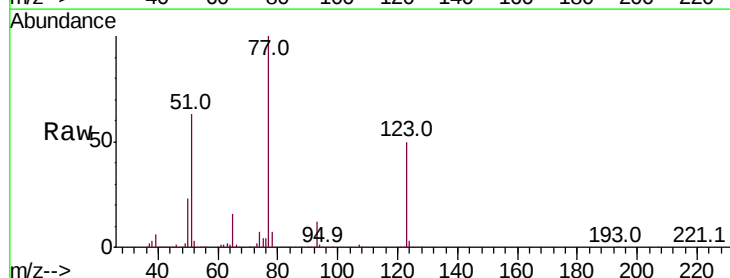
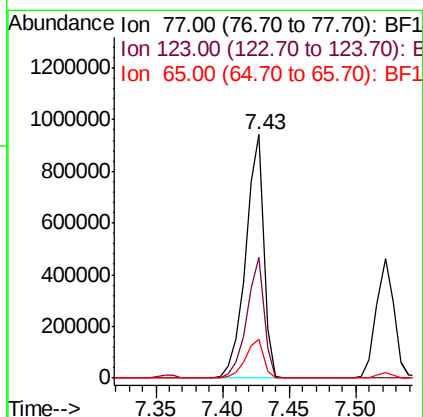
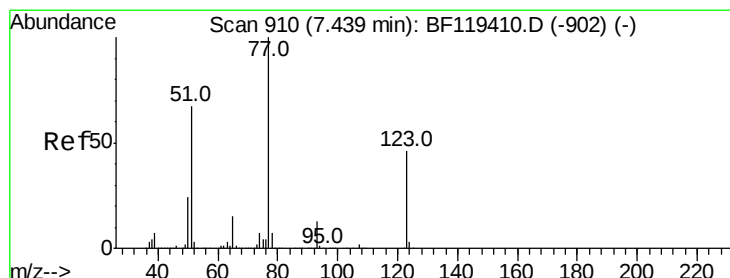
Instrument :
BNA_F
ClientSampleId :
PB127731BS

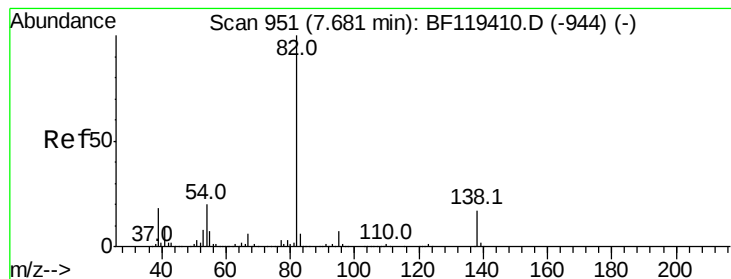
Tot Ion: 82 Resp: 1641595
Ion Ratio Lower Upper
82 100
128 46.9 35.8 53.8
54 63.6 53.4 80.0



#24
Nitrobenzene
Concen: 38.446 ng
RT: 7.43 min Scan# 908
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion: 77 Resp: 872044
Ion Ratio Lower Upper
77 100
123 49.7 36.9 55.3
65 15.9 12.2 18.4





#25

Isophorone

Concen: 37.485 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

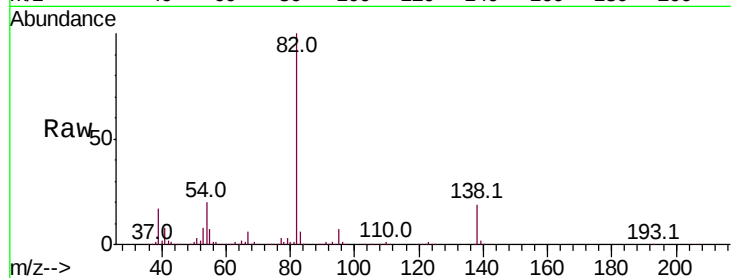
Tot Ion: 82 Resp: 1613884

Ion Ratio Lower Upper

82 100

95 7.0 5.4 8.2

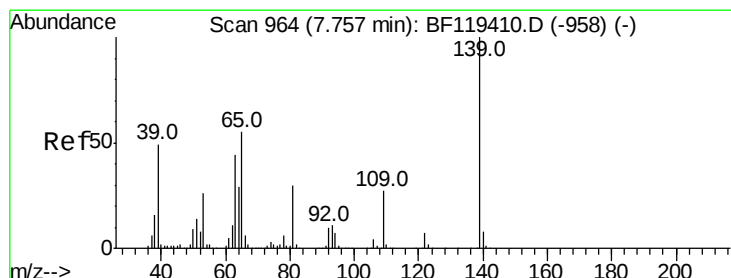
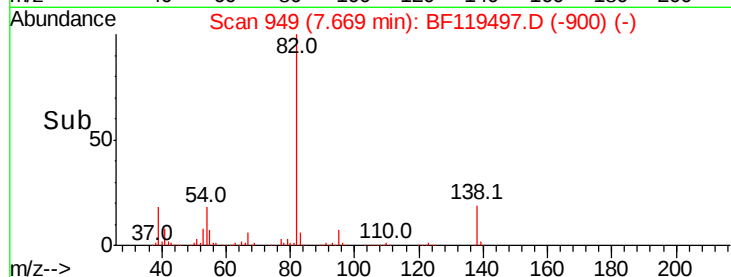
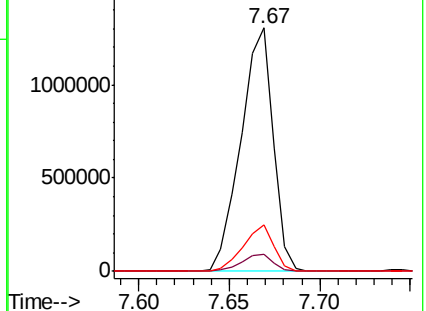
138 18.9 13.8 20.8



Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1



#26

2-Nitrophenol

Concen: 48.880 ng

RT: 7.75 min Scan# 962

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

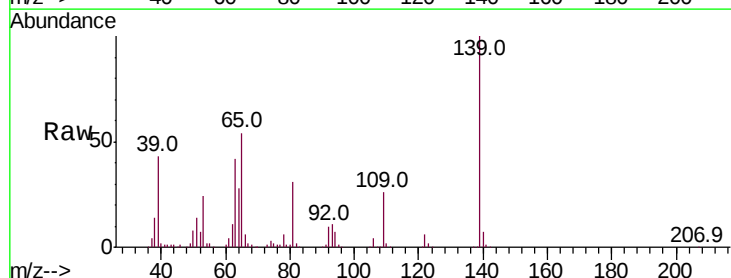
Tgt Ion: 139 Resp: 436543

Ion Ratio Lower Upper

139 100

109 26.3 21.7 32.5

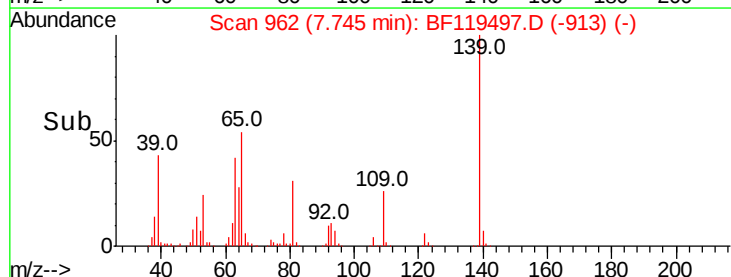
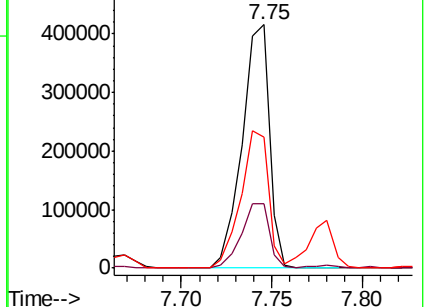
65 53.6 43.9 65.9

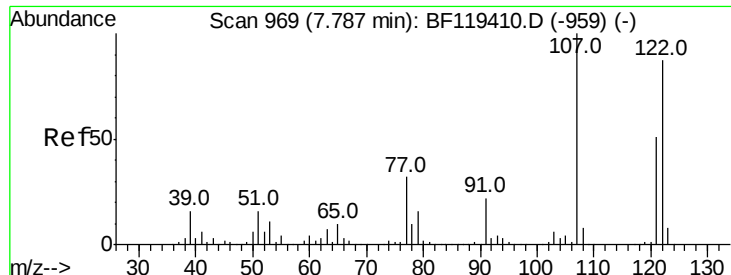


Abundance Ion 139.00 (138.70 to 139.70): BF1

Ion 109.00 (108.70 to 109.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

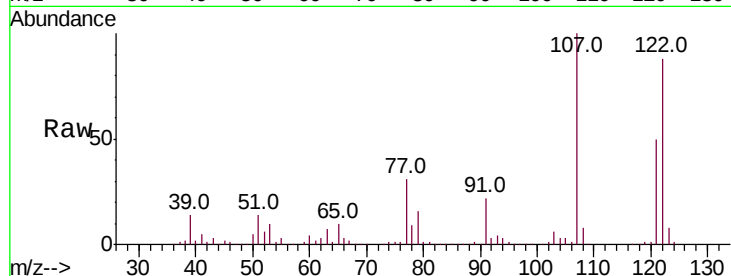




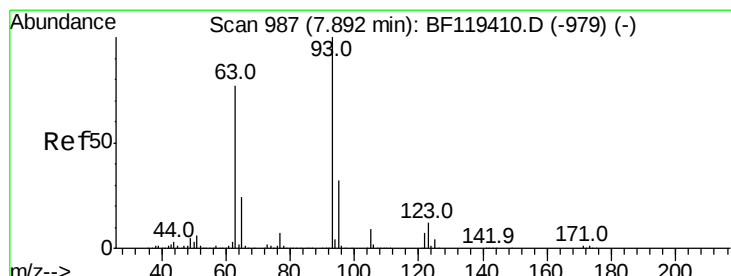
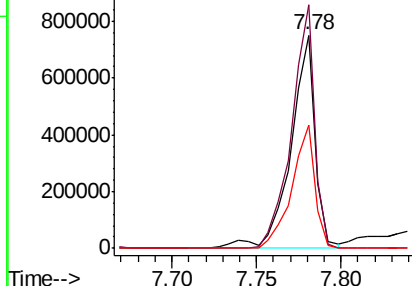
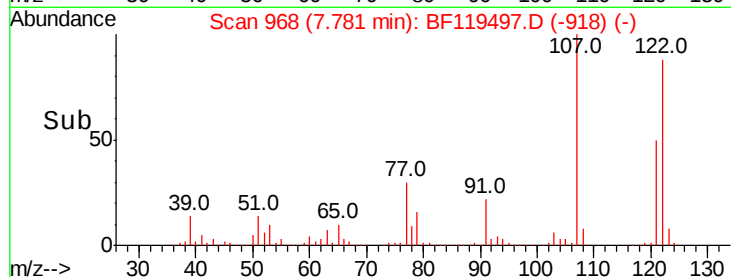
#27
2,4-Dimethylphenol
Concen: 40.768 ng
RT: 7.78 min Scan# 968
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion:122 Resp: 752857
Ion Ratio Lower Upper
122 100
107 114.0 91.8 137.6
121 57.5 46.5 69.7

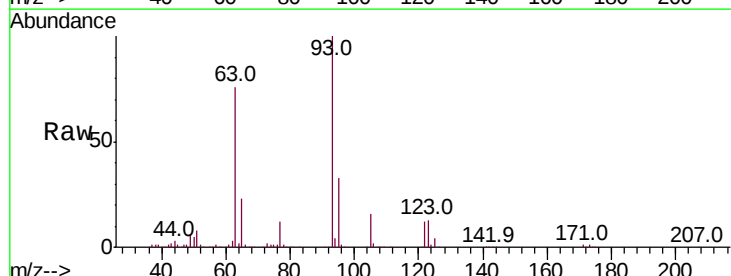


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

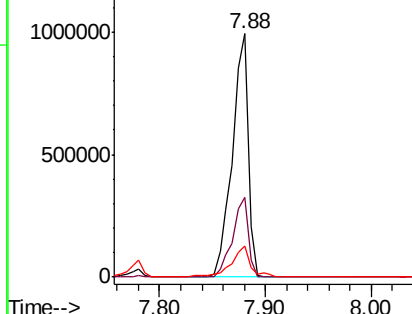
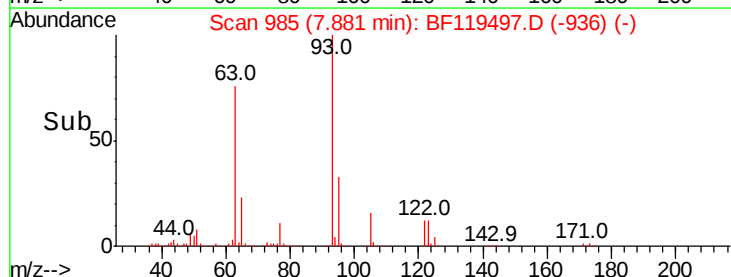


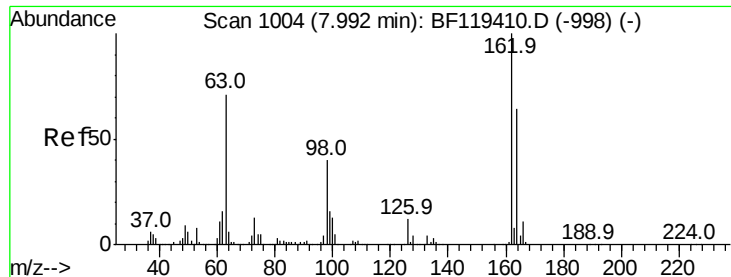
#28
bis(2-Chloroethoxy)methane
Concen: 40.468 ng
RT: 7.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion: 93 Resp: 1030287
Ion Ratio Lower Upper
93 100
95 32.8 26.0 39.0
123 12.6 9.7 14.5



Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 123.00 (122.70 to 123.70): E

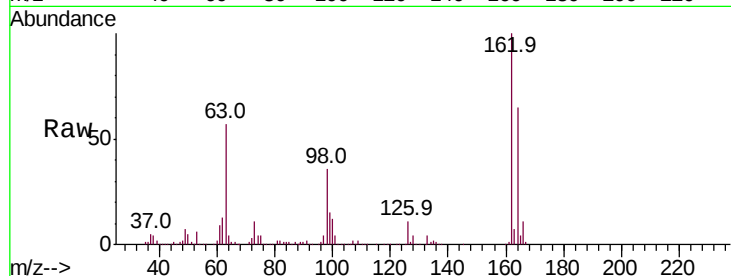




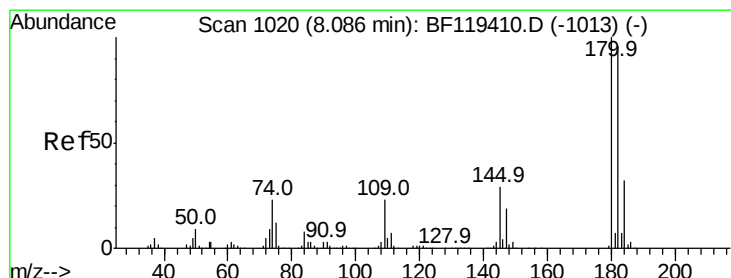
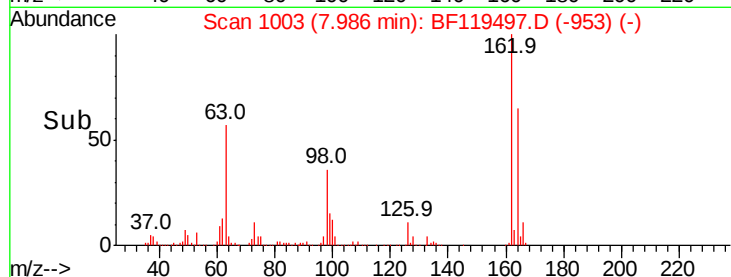
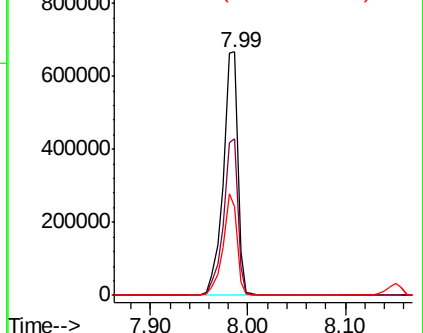
#29
2,4-Dichlorophenol
Concen: 41.332 ng
RT: 7.99 min Scan# 1003
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion:162 Resp: 701319
Ion Ratio Lower Upper
162 100
164 64.5 43.6 83.6
98 36.4 20.4 60.4

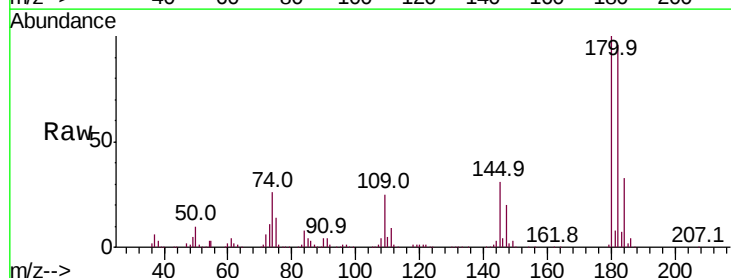


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BF1

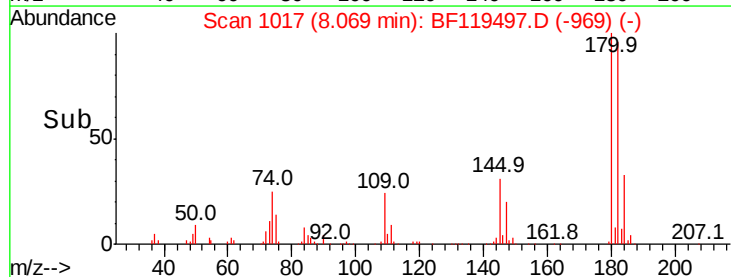
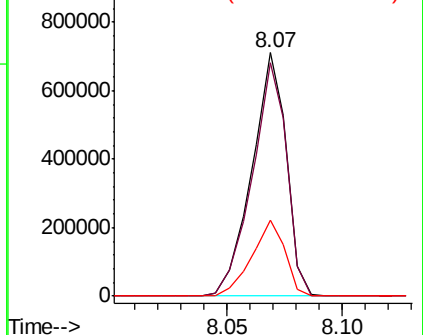


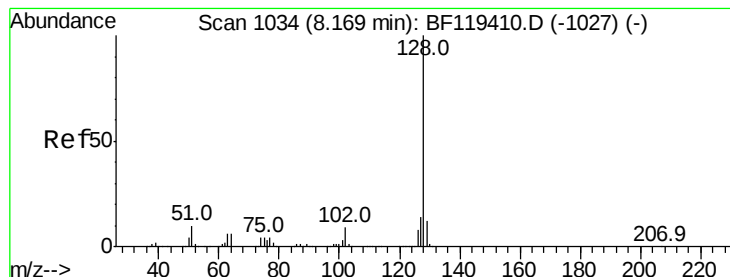
#30
1,2,4-Trichlorobenzene
Concen: 39.344 ng
RT: 8.07 min Scan# 1017
Delta R.T. -0.02 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion:180 Resp: 738298
Ion Ratio Lower Upper
180 100
182 96.0 76.6 115.0
145 31.4 23.2 34.8



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





#31

Naphthalene

Concen: 39.554 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.02 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

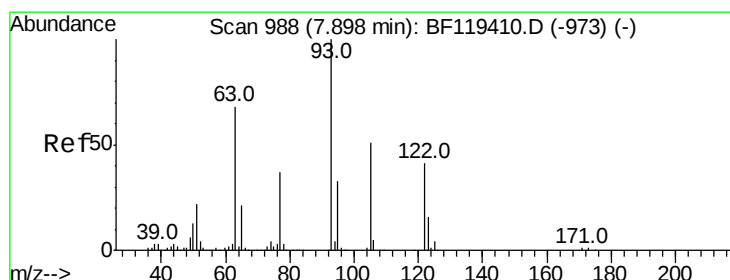
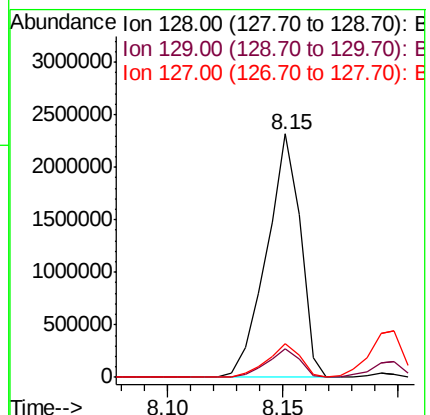
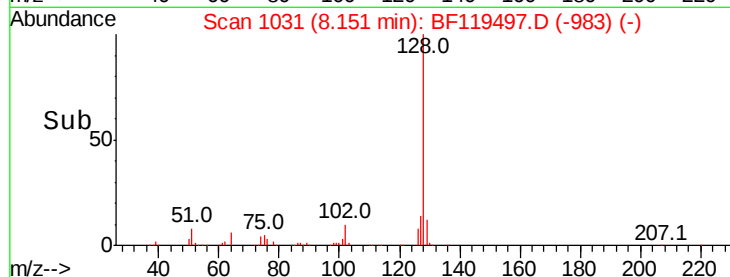
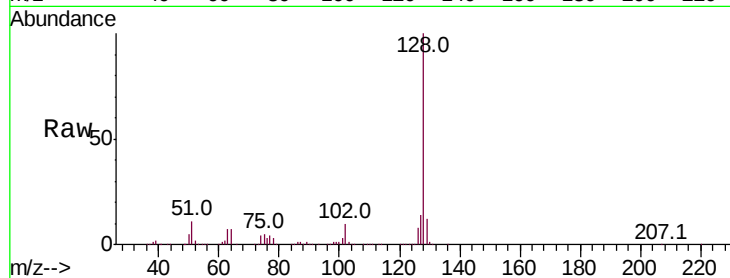
Tot Ion:128 Resp: 2347949

Ion Ratio Lower Upper

128 100

129 11.8 9.3 13.9

127 14.0 11.0 16.4



#32

Benzoic acid

Concen: 49.160 ng

RT: 7.90 min Scan# 989

Delta R.T. 0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

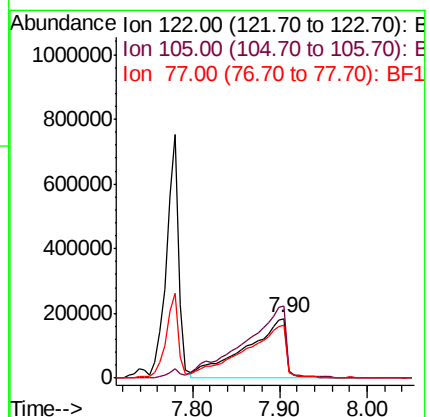
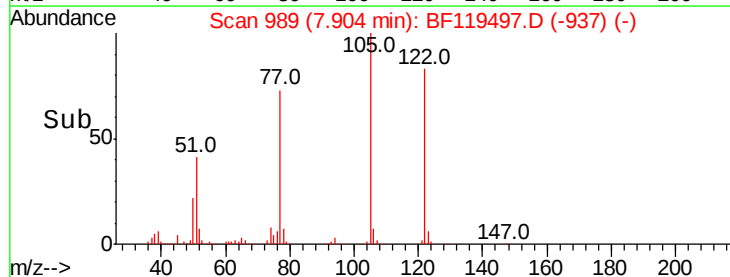
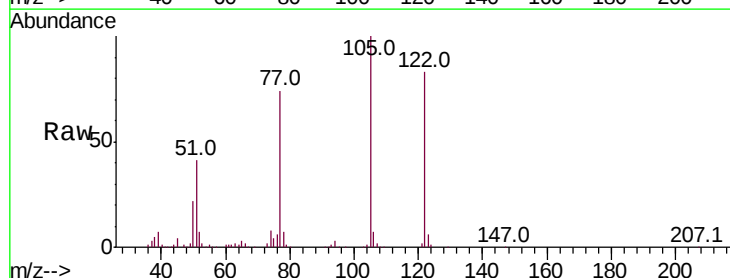
Tgt Ion:122 Resp: 583966

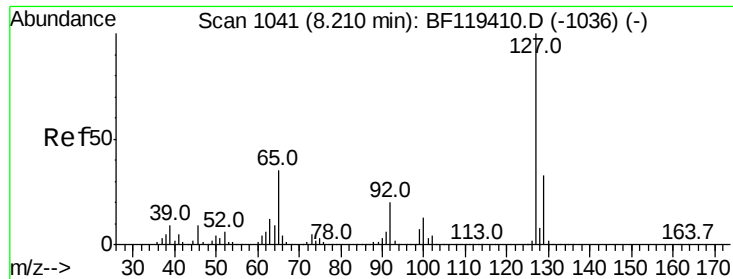
Ion Ratio Lower Upper

122 100

105 120.9 102.9 142.9

77 89.1 70.1 110.1

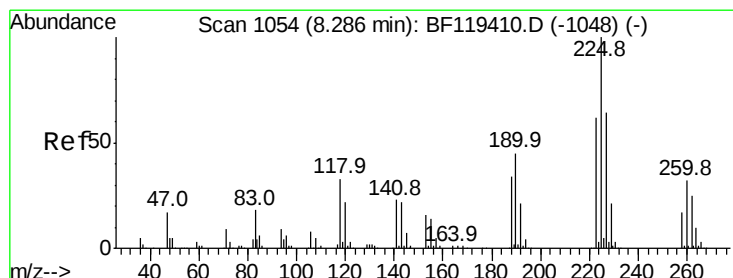
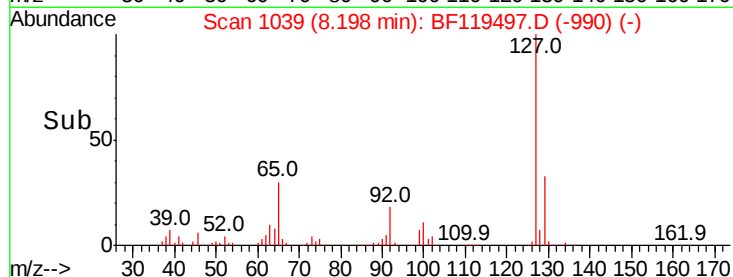
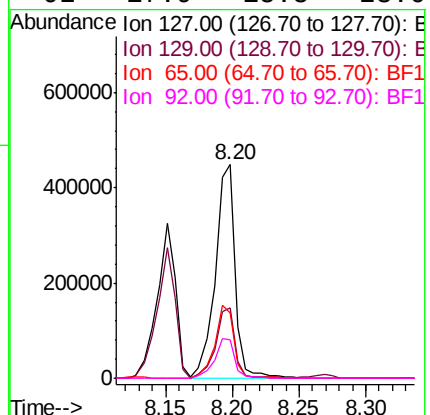
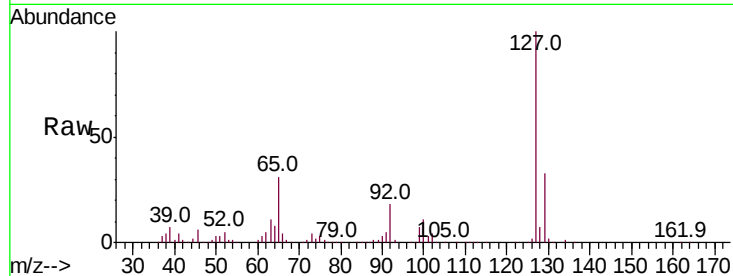




#33
4-Chloroaniline
Concen: 17.187 ng
RT: 8.20 min Scan# 1039
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

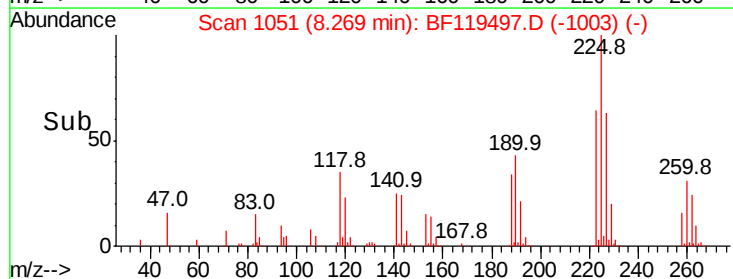
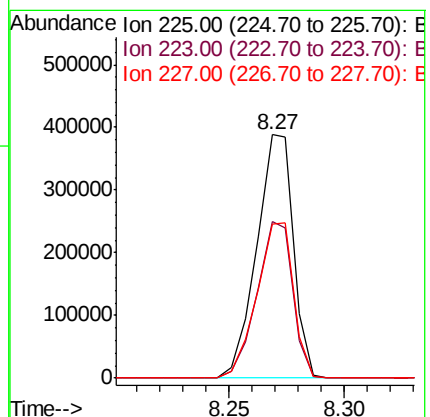
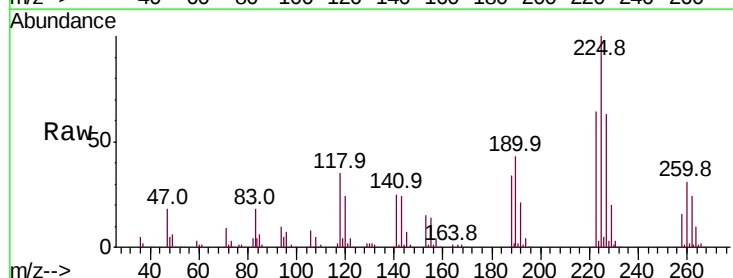
Instrument :
BNA_F
ClientSampleId :
PB127731BS

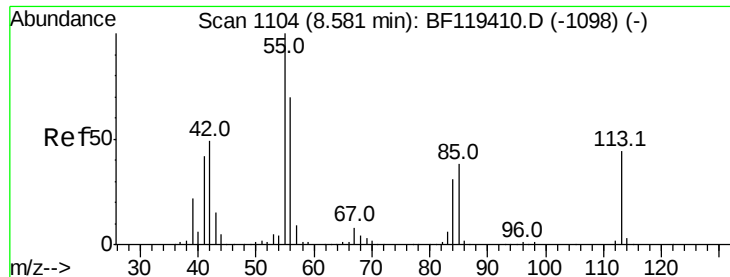
Tot Ion:	127	Resp:	467478
Ion	Ratio	Lower	Upper
127	100		
129	33.3	26.2	39.4
65	30.7	27.7	41.5
92	17.9	15.8	23.6



#34
Hexachlorobutadiene
Concen: 40.959 ng
RT: 8.27 min Scan# 1051
Delta R.T. -0.02 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion:	225	Resp:	430037
Ion	Ratio	Lower	Upper
225	100		
223	64.3	49.2	73.8
227	63.3	51.1	76.7

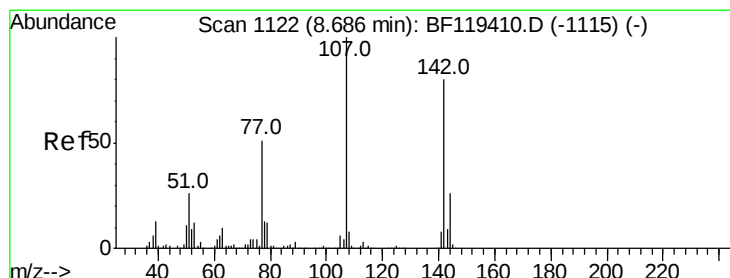
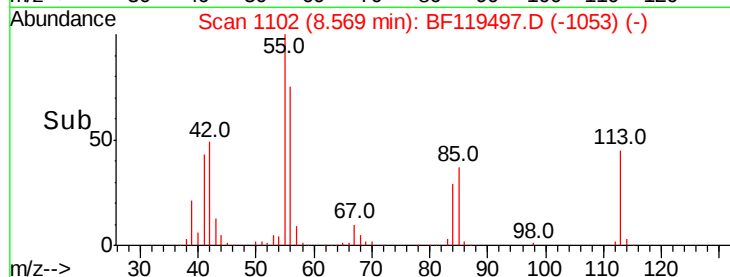
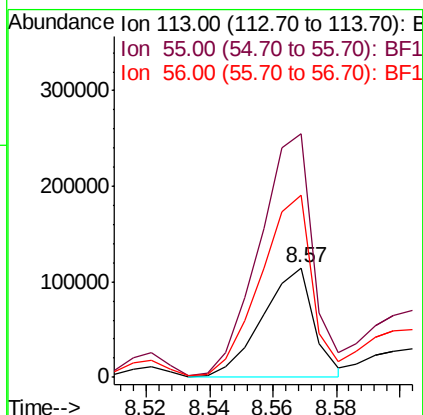
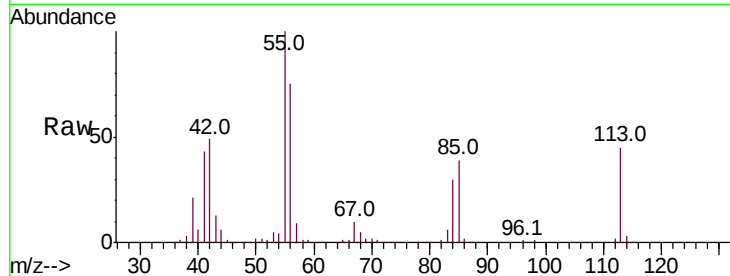




#35
 Caprolactam
 Concen: 23.418 ng
 RT: 8.57 min Scan# 1102
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

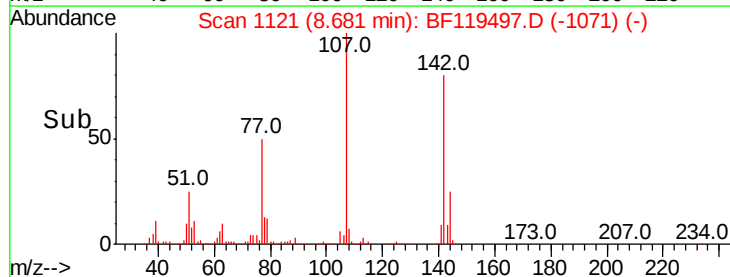
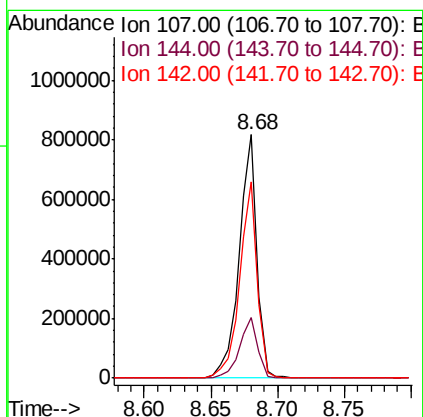
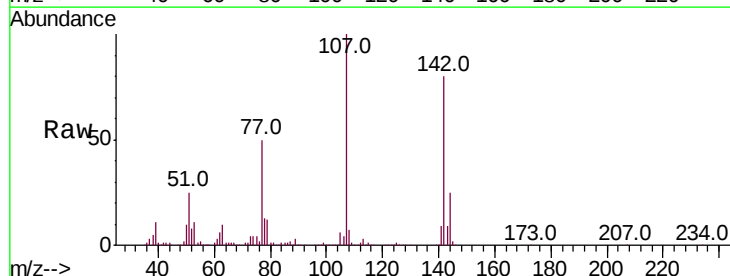
Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

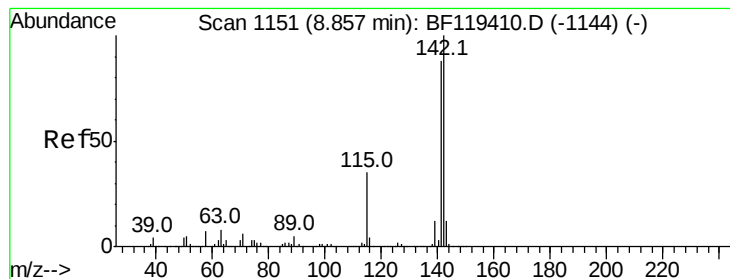
Tot Ion:113 Resp: 130044
 Ion Ratio Lower Upper
 113 100
 55 222.4 208.4 248.4
 56 166.2 138.9 178.9



#36
 4-Chloro-3-methylphenol
 Concen: 40.981 ng
 RT: 8.68 min Scan# 1121
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Tgt Ion:107 Resp: 760005
 Ion Ratio Lower Upper
 107 100
 144 25.1 20.6 31.0
 142 80.3 63.8 95.6





#37

2-Methylnaphthalene

Concen: 41.195 ng

RT: 8.85 min Scan# 1149

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

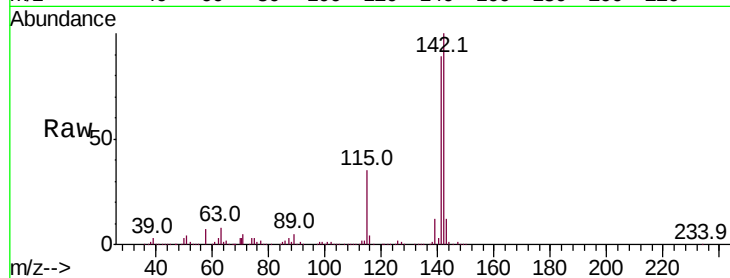
Tot Ion:142 Resp: 1604857

Ion Ratio Lower Upper

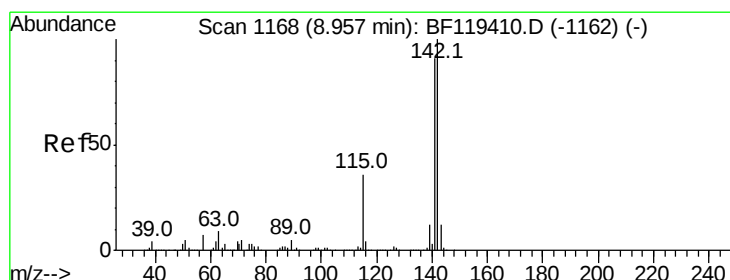
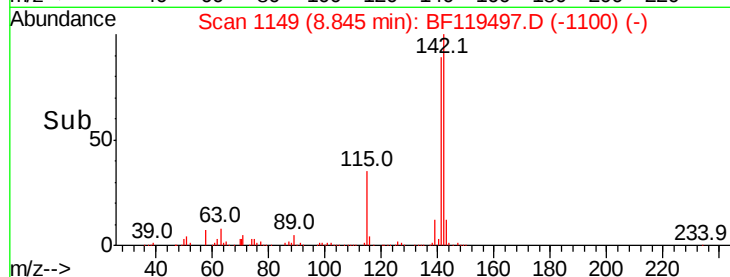
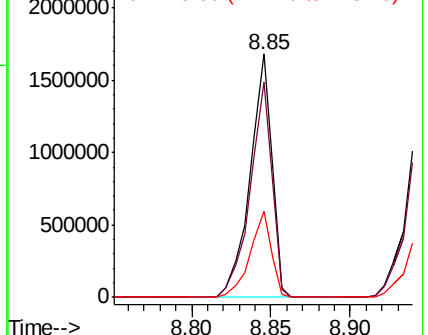
142 100

141 88.7 70.4 105.6

115 35.1 27.8 41.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E



#38

1-Methylnaphthalene

Concen: 41.470 ng

RT: 8.95 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

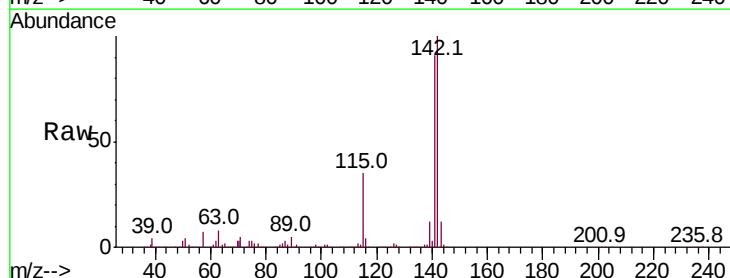
Tgt Ion:142 Resp: 1529169

Ion Ratio Lower Upper

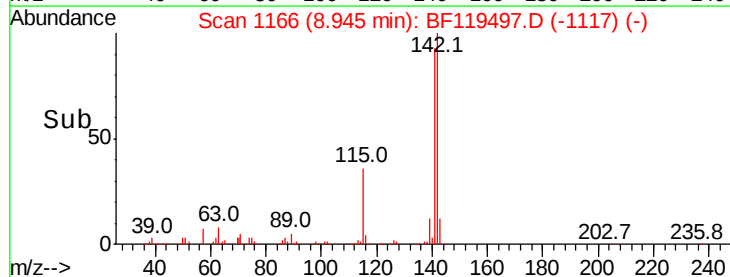
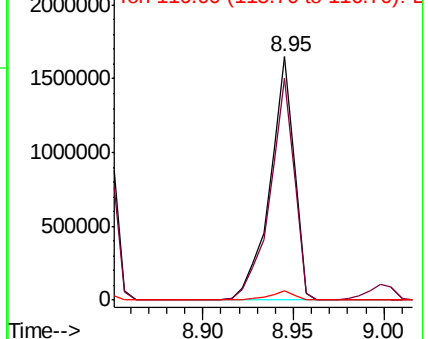
142 100

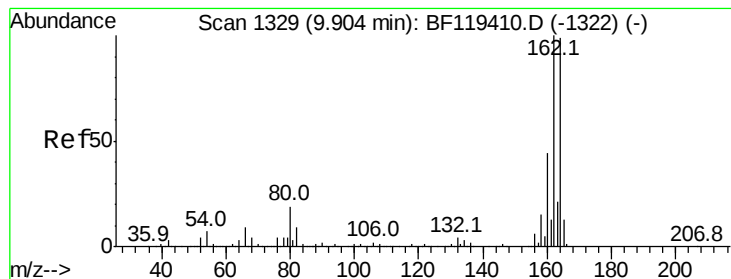
141 91.3 73.1 109.7

116 3.8 3.0 4.6



Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.89 min Scan# 1327

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

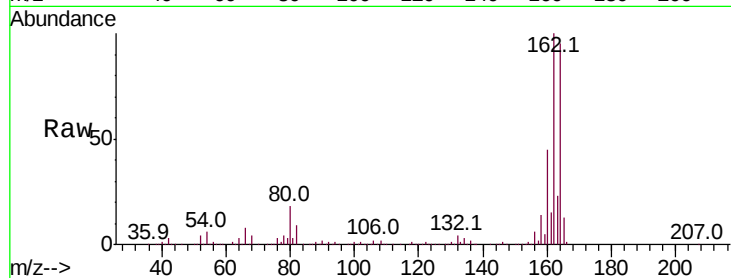
Tot Ion:164 Resp: 612613

Ion Ratio Lower Upper

164 100

162 105.2 80.7 121.1

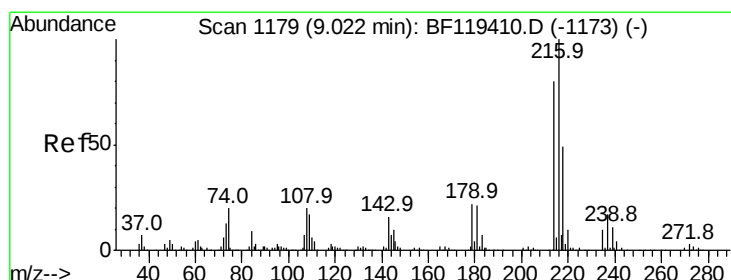
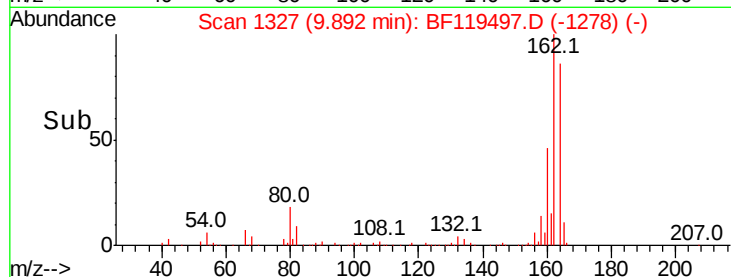
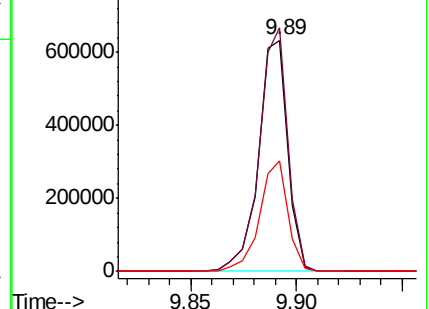
160 47.7 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 38.412 ng

RT: 9.01 min Scan# 1177

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Tgt Ion:216 Resp: 689724

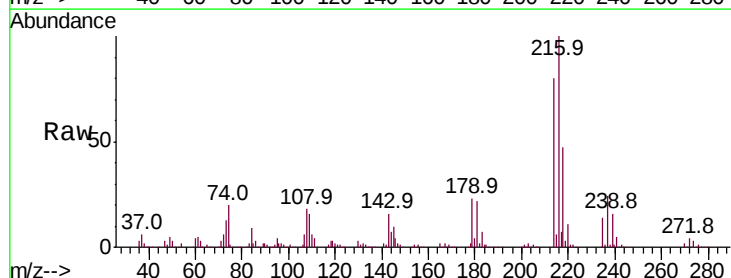
Ion Ratio Lower Upper

216 100

214 79.4 63.0 94.6

179 21.5 17.0 25.4

108 20.9 15.4 23.0

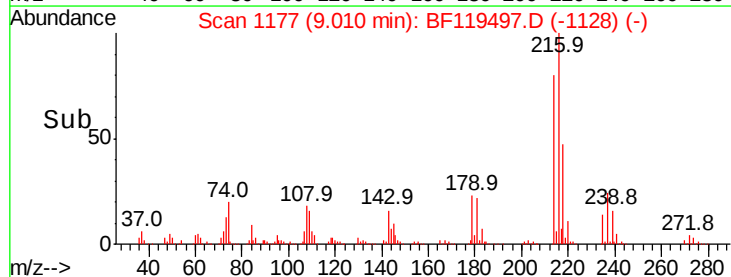
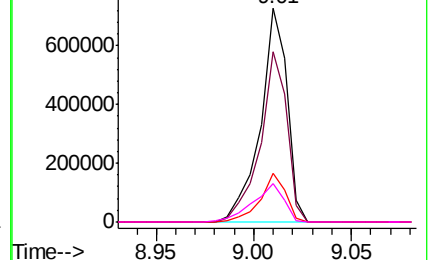


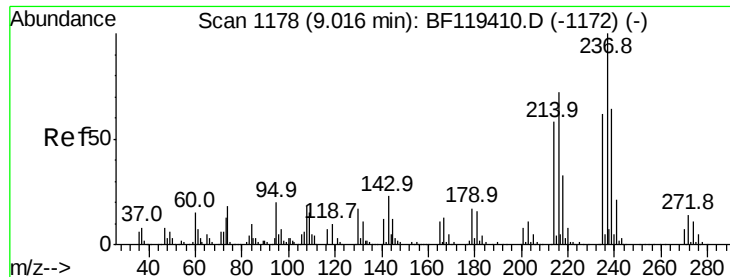
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 83.233 ng

RT: 9.00 min Scan# 1176

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

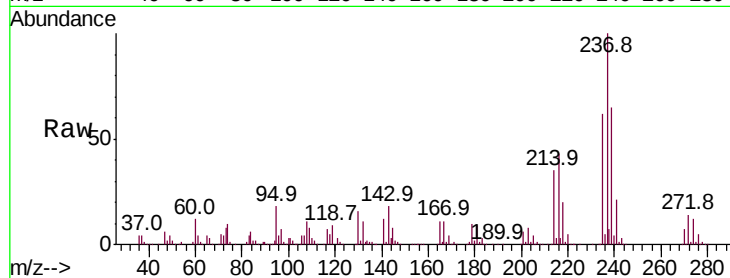
Tot Ion:237 Resp: 849667

Ion Ratio Lower Upper

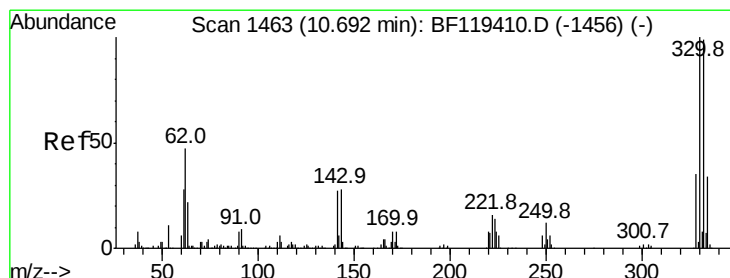
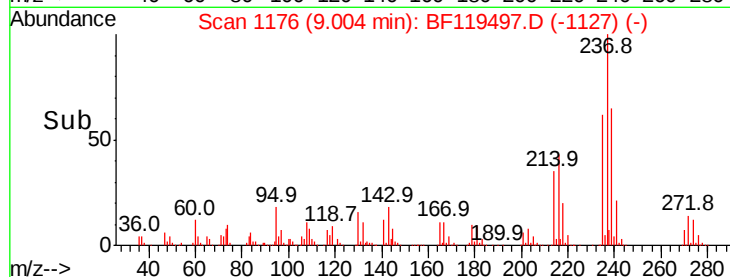
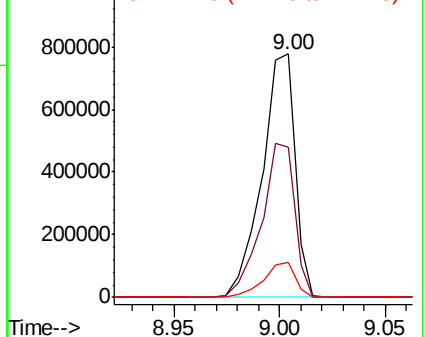
237 100

235 61.8 42.5 82.5

272 14.4 0.0 34.3



Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 124.674 ng

RT: 10.68 min Scan# 1461

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

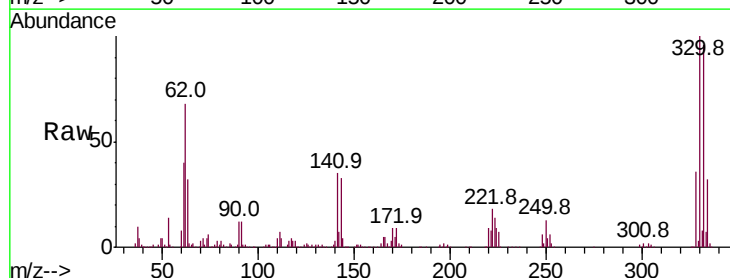
Tgt Ion:330 Resp: 787955

Ion Ratio Lower Upper

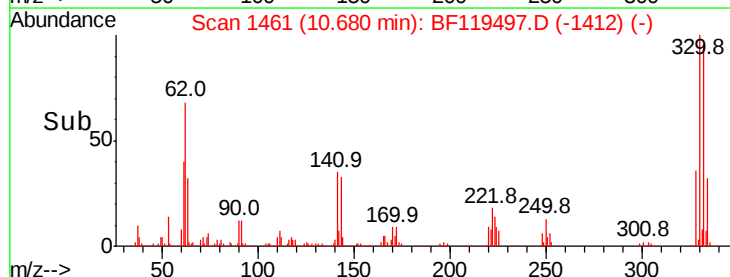
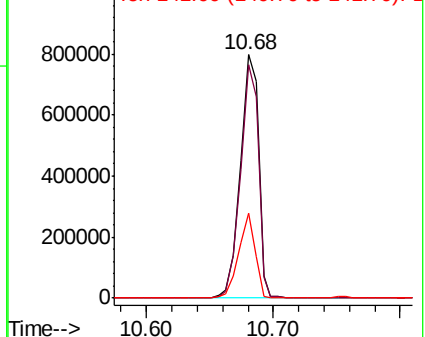
330 100

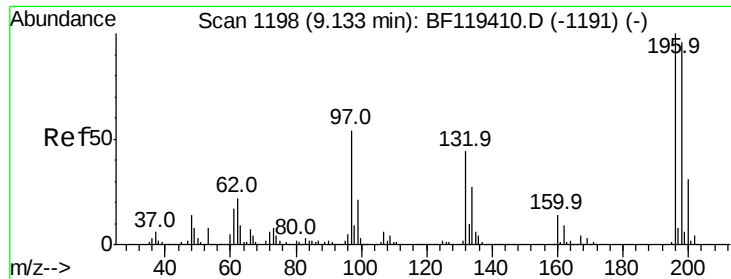
332 94.4 77.6 116.4

141 31.4 26.6 40.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

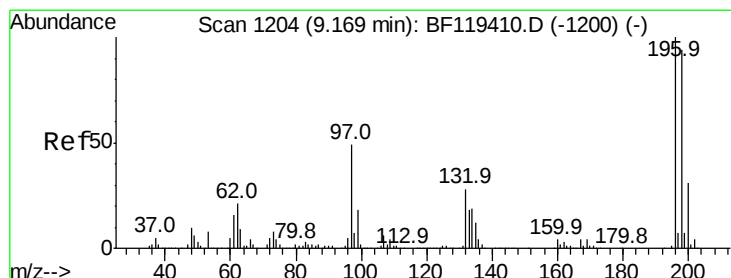
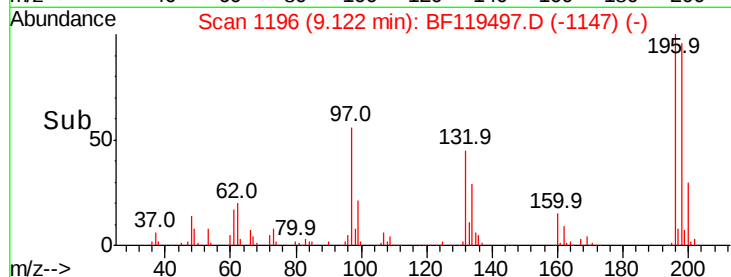
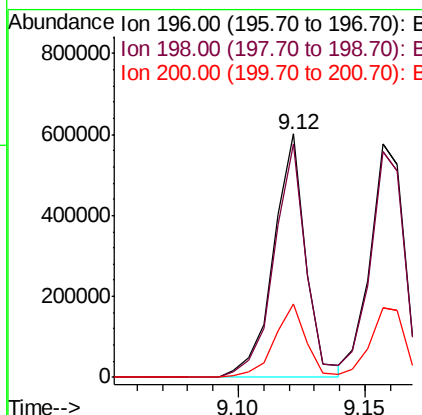
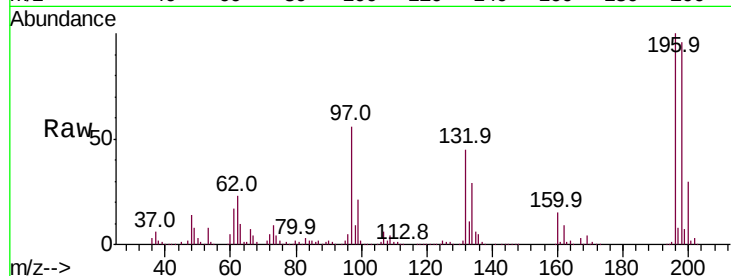




#43
 2,4,6-Trichlorophenol
 Concen: 41.604 ng
 RT: 9.12 min Scan# 1196
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

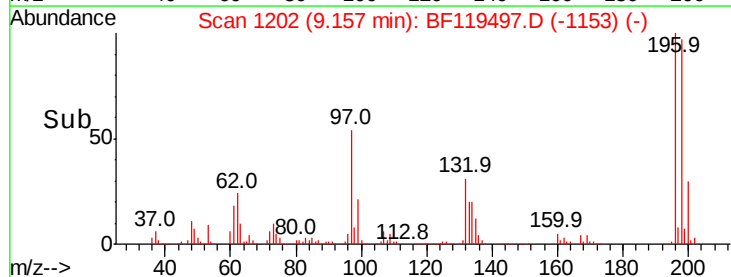
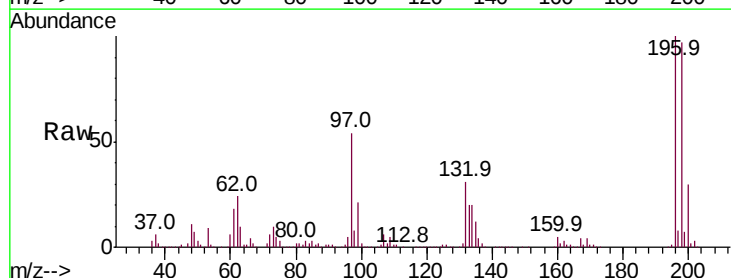
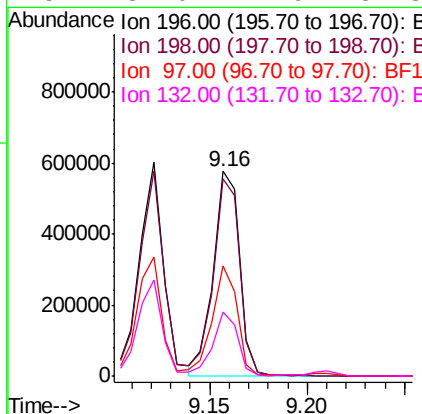
Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

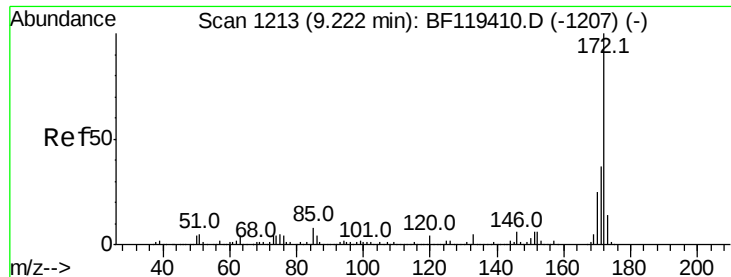
Tot Ion	Ratio	Lower	Upper
196	100		
198	95.8	77.0	115.4
200	30.3	25.1	37.7



#44
 2,4,5-Trichlorophenol
 Concen: 37.537 ng
 RT: 9.16 min Scan# 1202
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.5	75.3	112.9
97	54.0	39.0	58.4
132	31.0	22.9	34.3

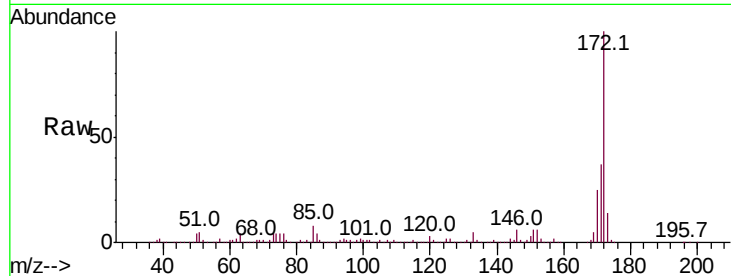




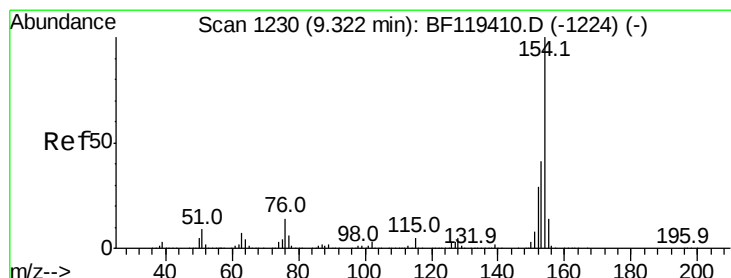
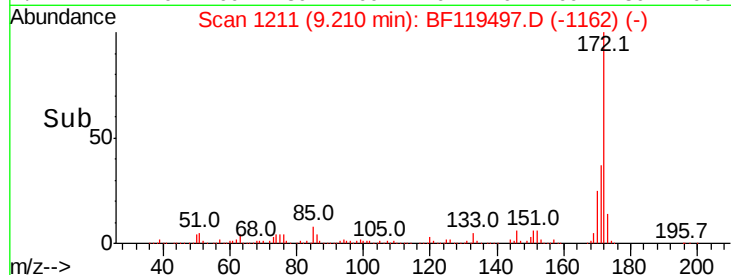
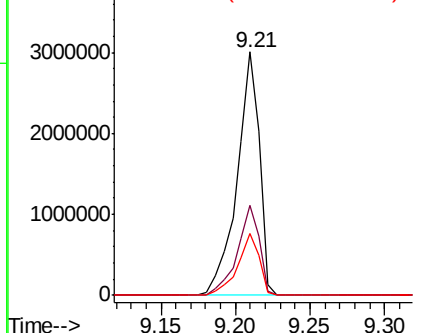
#45
2-Fluorobiphenyl
Concen: 75.544 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion:172 Resp: 3123860
Ion Ratio Lower Upper
172 100
171 37.2 29.9 44.9
170 25.3 20.1 30.1

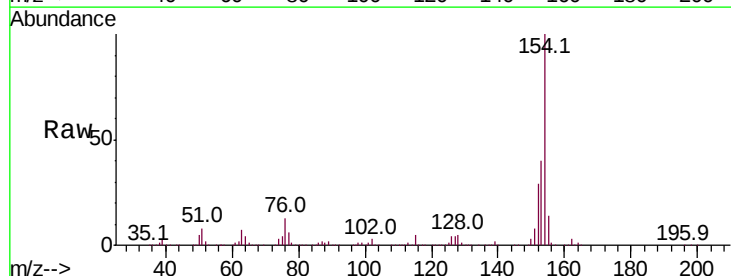


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

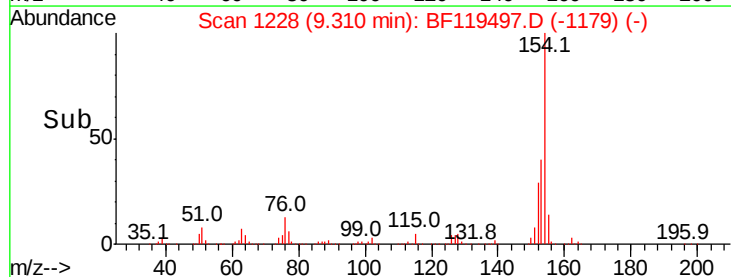
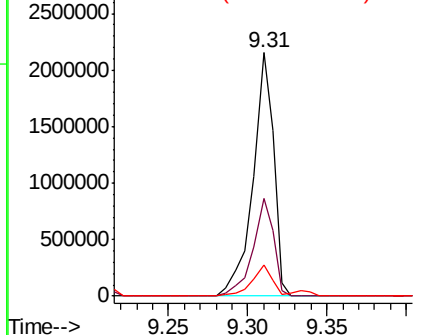


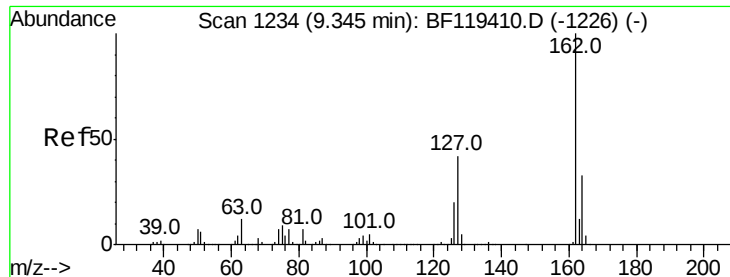
#46
1,1'-Biphenyl
Concen: 39.045 ng
RT: 9.31 min Scan# 1228
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion:154 Resp: 1948127
Ion Ratio Lower Upper
154 100
153 40.3 21.4 61.4
76 12.8 0.0 33.6



Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1





#47

2-Chloronaphthalene

Concen: 38.760 ng

RT: 9.33 min Scan# 1232

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

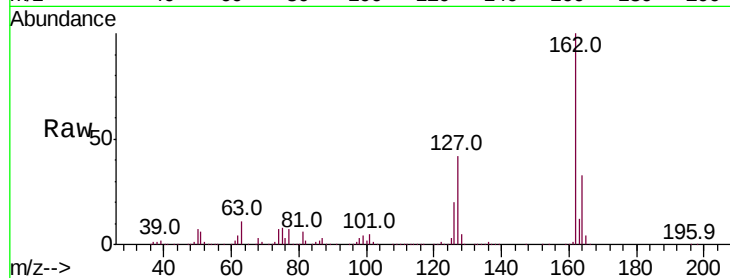
Tot Ion:162 Resp: 1514838

Ion Ratio Lower Upper

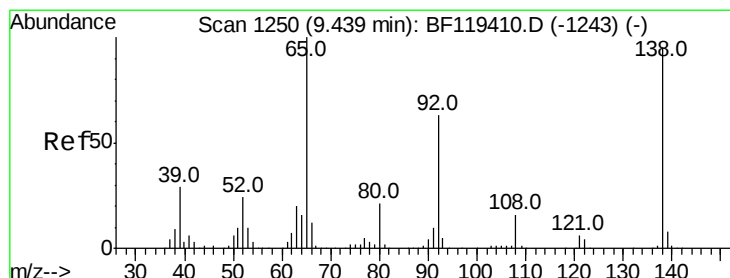
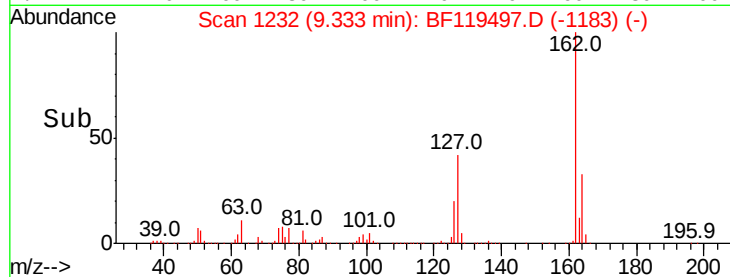
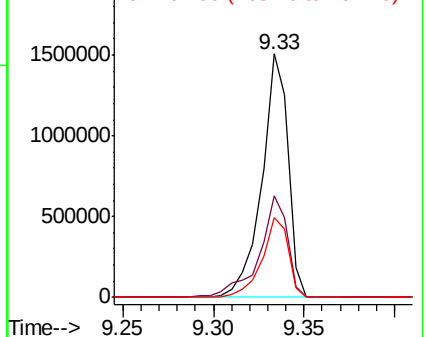
162 100

127 41.6 33.7 50.5

164 33.0 26.2 39.4



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.788 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

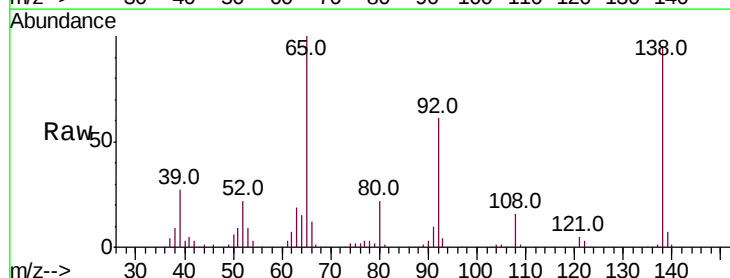
Tgt Ion: 65 Resp: 550230

Ion Ratio Lower Upper

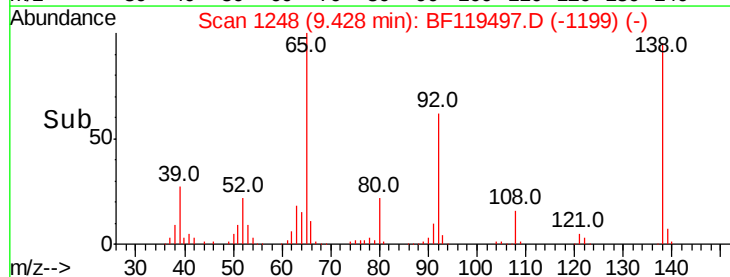
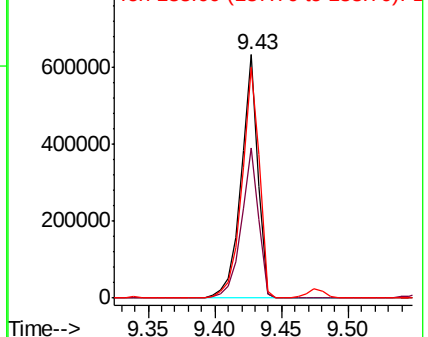
65 100

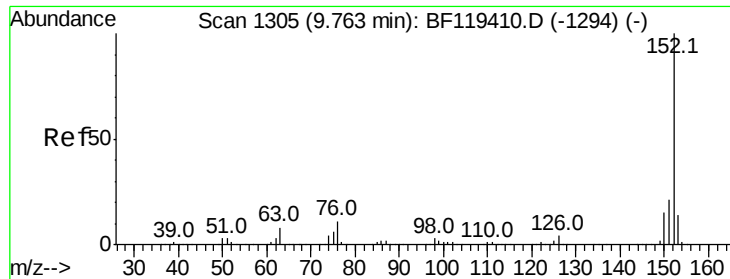
92 61.5 50.5 75.7

138 94.8 75.8 113.8



Abundance Ion 65.00 (64.70 to 65.70): BF1
Ion 92.00 (91.70 to 92.70): BF1
Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 38.422 ng

RT: 9.75 min Scan# 1303

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

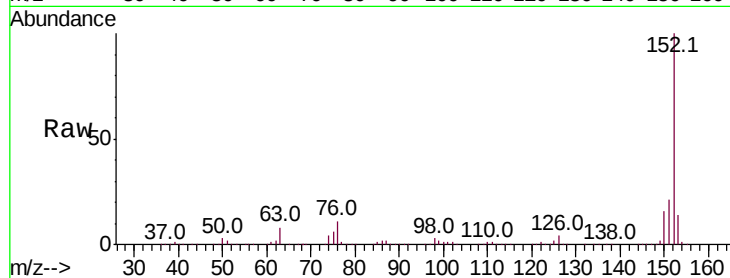
Tot Ion:152 Resp: 2358116

Ion Ratio Lower Upper

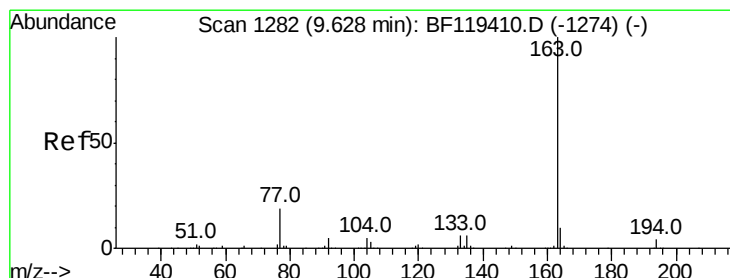
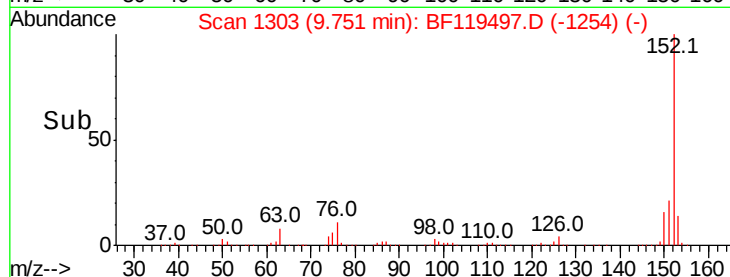
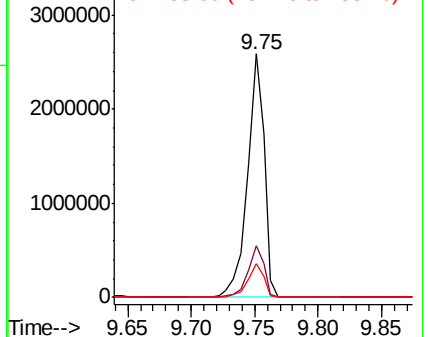
152 100

151 21.4 16.8 25.2

153 13.9 11.2 16.8



Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 40.514 ng

RT: 9.62 min Scan# 1280

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

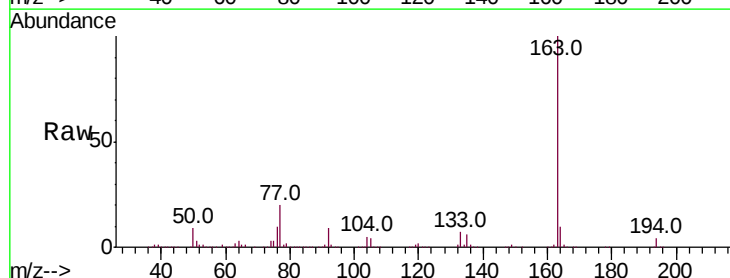
Tgt Ion:163 Resp: 1762919

Ion Ratio Lower Upper

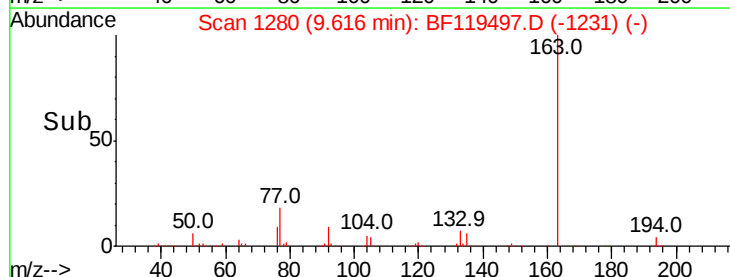
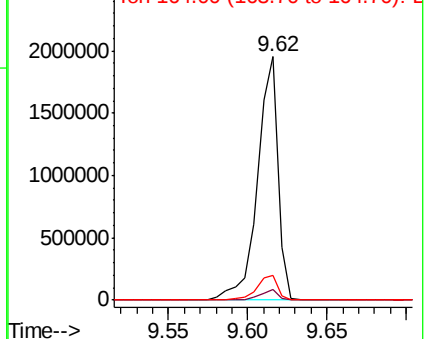
163 100

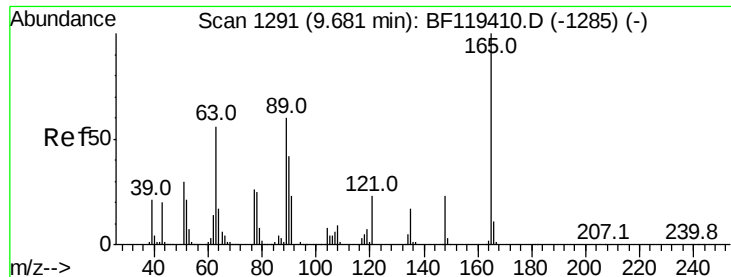
194 4.1 3.2 4.8

164 10.1 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

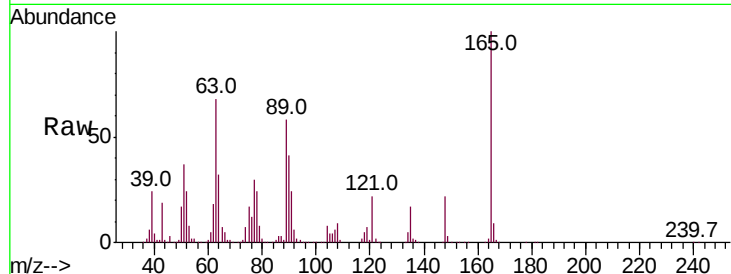




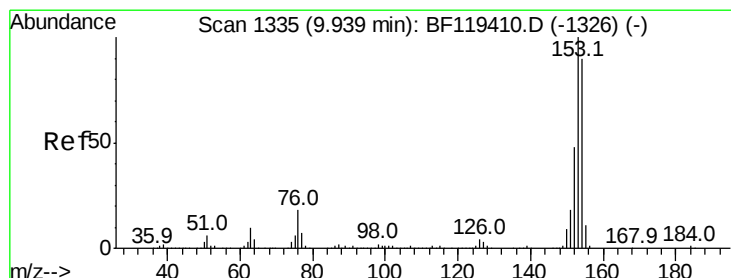
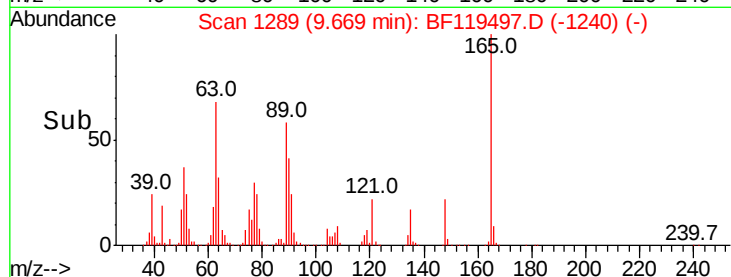
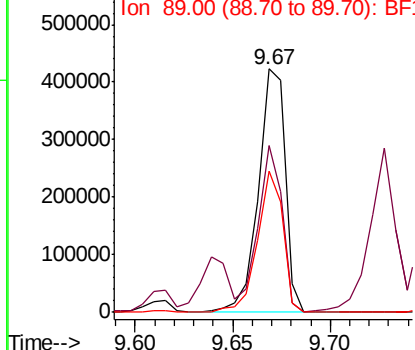
#51
 2,6-Dinitrotoluene
 Concen: 43.435 ng
 RT: 9.67 min Scan# 1289
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion:165 Resp: 405120
 Ion Ratio Lower Upper
 165 100
 63 68.5 57.3 85.9
 89 58.1 47.8 71.8

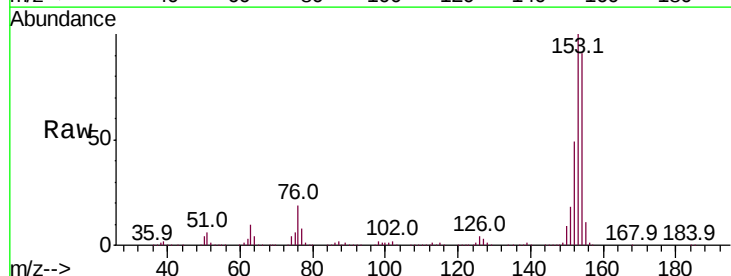


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 89.00 (88.70 to 89.70): BF1

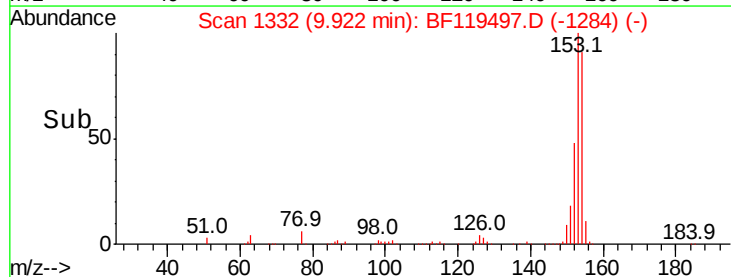
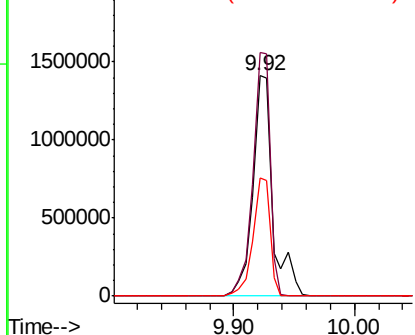


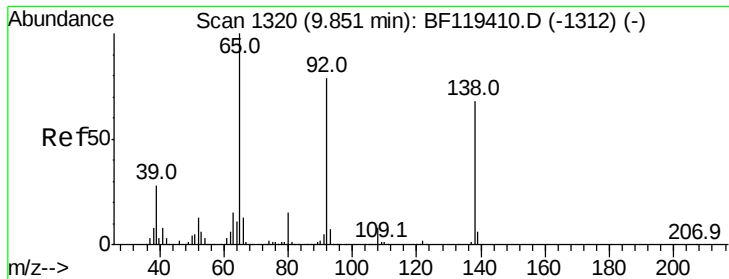
#52
 Acenaphthene
 Concen: 42.627 ng
 RT: 9.92 min Scan# 1332
 Delta R.T. -0.02 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Tgt Ion:154 Resp: 1630961
 Ion Ratio Lower Upper
 154 100
 153 110.4 89.0 133.6
 152 53.9 43.1 64.7



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E

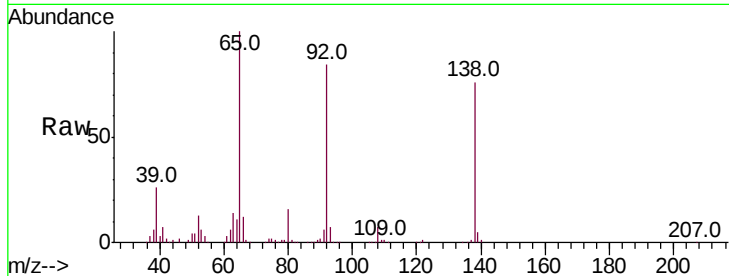




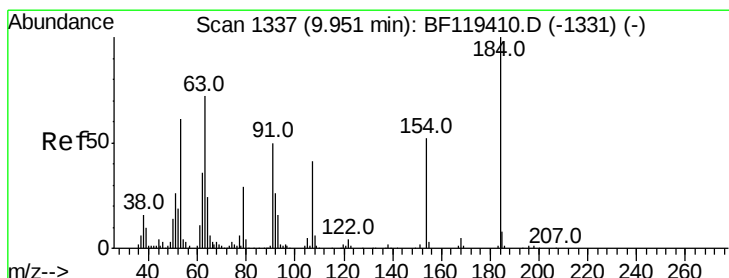
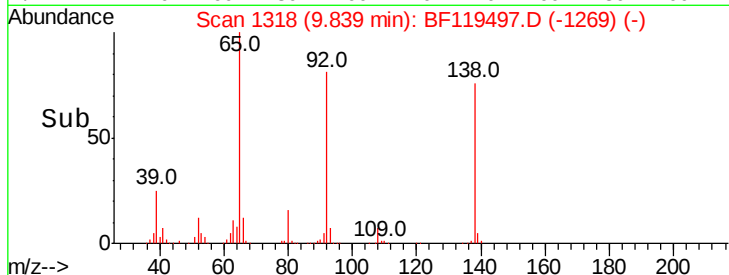
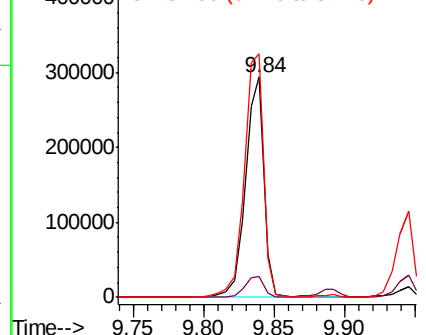
#53
3-Nitroaniline
Concen: 22.560 ng
RT: 9.84 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion:138 Resp: 265649
Ion Ratio Lower Upper
138 100
108 9.8 9.0 13.6
92 110.4 93.2 139.8

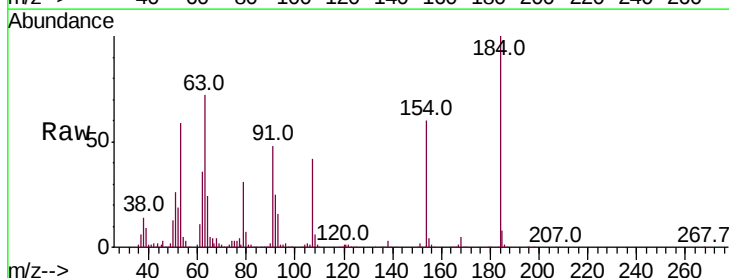


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

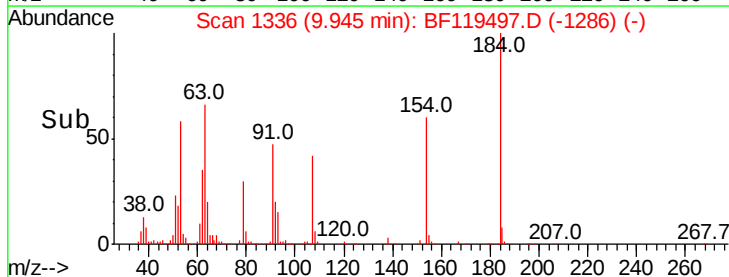
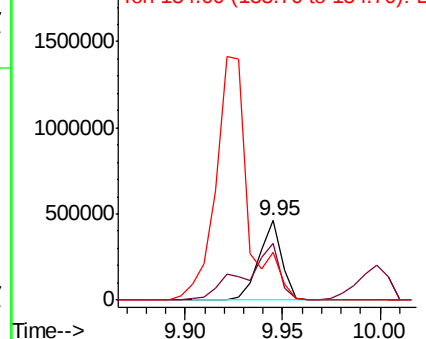


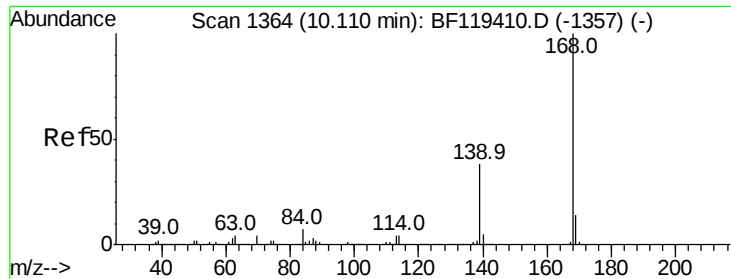
#54
2,4-Dinitrophenol
Concen: 92.104 ng
RT: 9.95 min Scan# 1336
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion:184 Resp: 376598
Ion Ratio Lower Upper
184 100
63 71.6 58.5 87.7
154 60.3 51.8 77.6



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BF1
Ion 154.00 (153.70 to 154.70): E

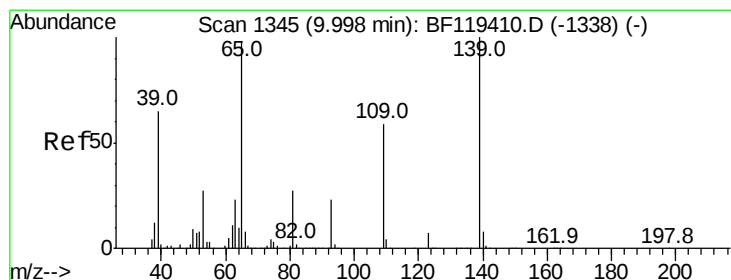
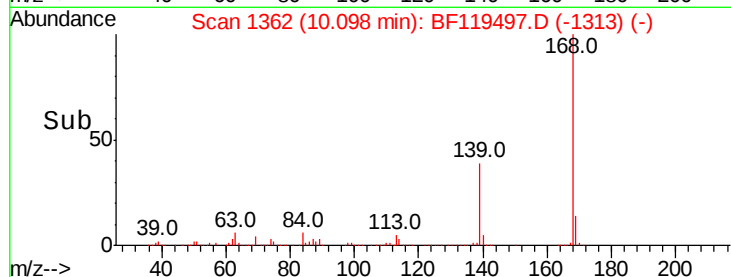
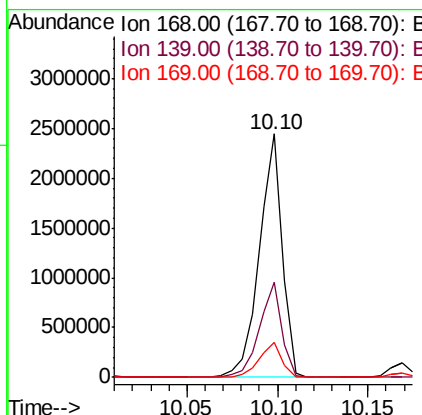
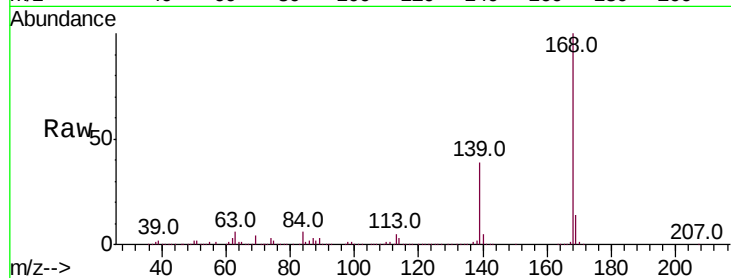




#55
Dibenzofuran
Concen: 39.114 ng
RT: 10.10 min Scan# 1362
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

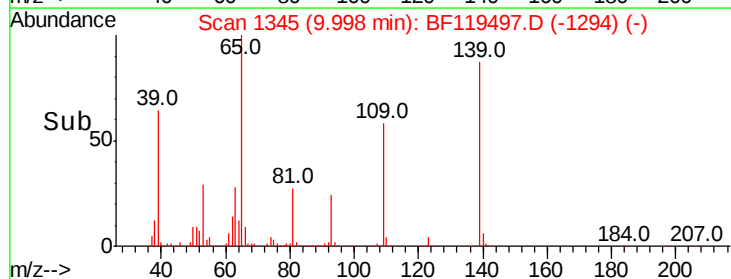
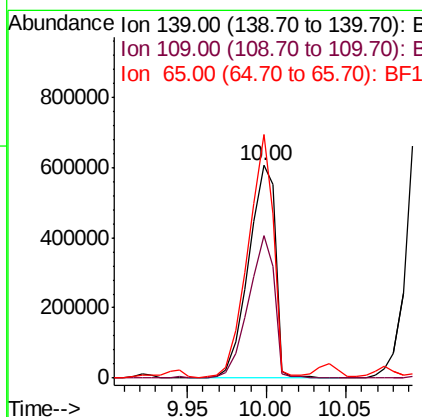
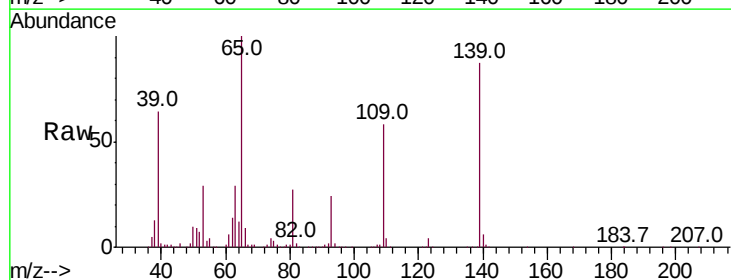
Instrument :
BNA_F
ClientSampleId :
PB127731BS

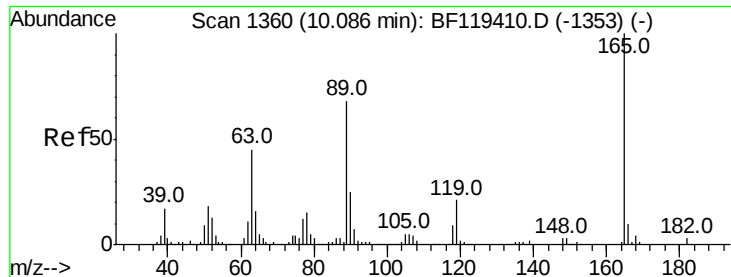
Tot Ion:168 Resp: 2145685
Ion Ratio Lower Upper
168 100
139 38.8 30.2 45.4
169 14.1 11.1 16.7



#56
4-Nitrophenol
Concen: 76.918 ng
RT: 10.00 min Scan# 1345
Delta R.T. -0.00 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion:139 Resp: 714498
Ion Ratio Lower Upper
139 100
109 66.8 39.6 79.6
65 114.4 78.3 118.3

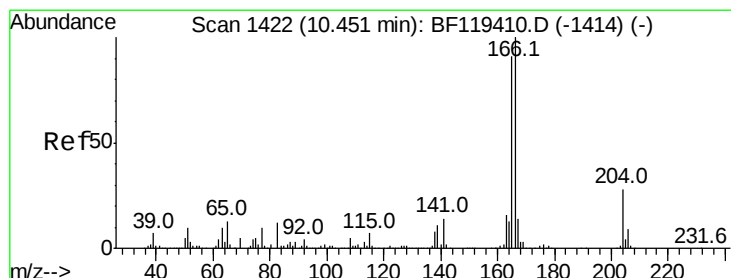
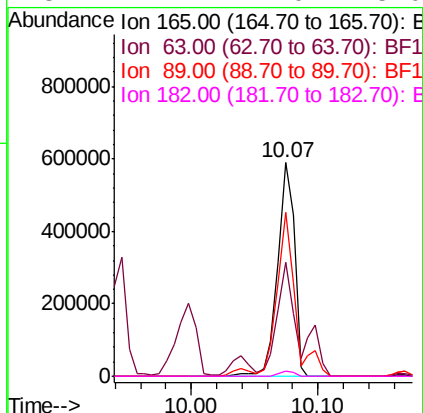
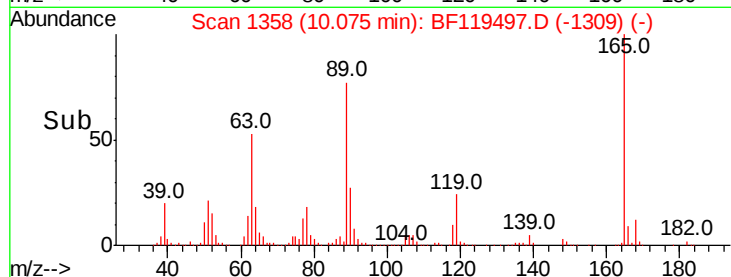
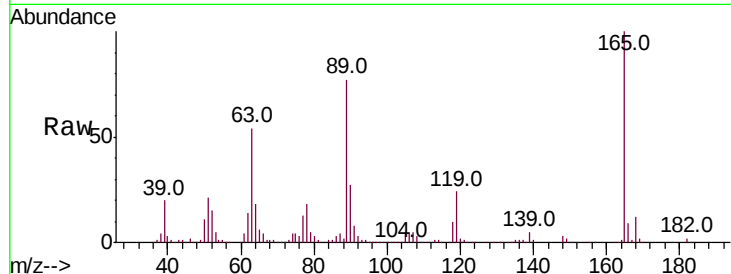




#57
2,4-Dinitrotoluene
Concen: 45.775 ng
RT: 10.07 min Scan# 1358
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

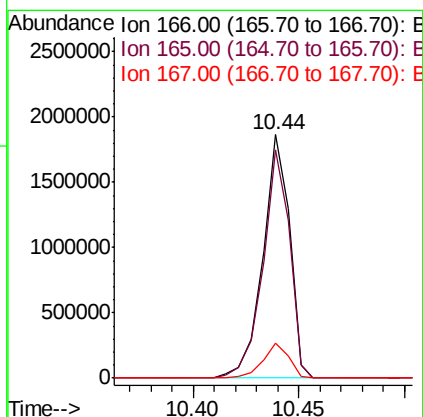
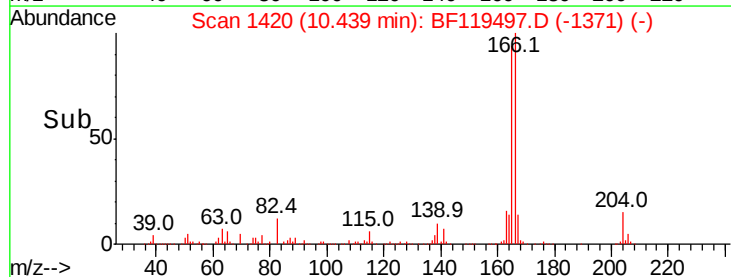
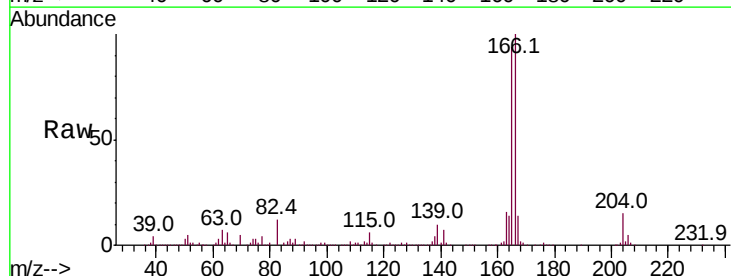
Instrument :
BNA_F
ClientSampleId :
PB127731BS

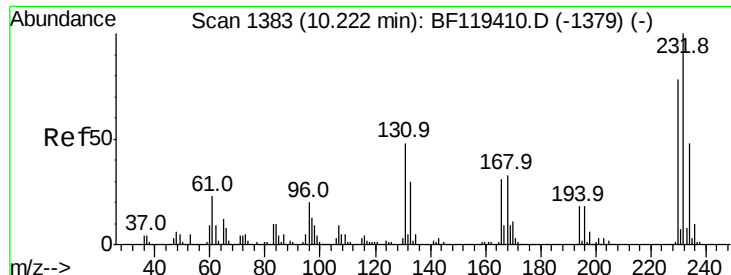
Tot Ion:165 Resp: 537833
Ion Ratio Lower Upper
165 100
63 53.5 36.2 54.4
89 76.5 54.3 81.5
182 2.4 2.0 3.0



#58
Fluorene
Concen: 40.657 ng
RT: 10.44 min Scan# 1420
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion:166 Resp: 1649305
Ion Ratio Lower Upper
166 100
165 93.9 73.1 109.7
167 14.1 11.0 16.6

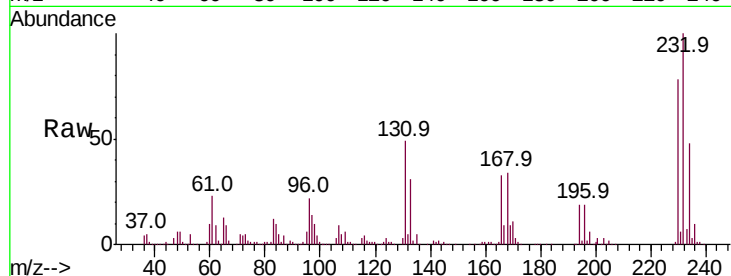




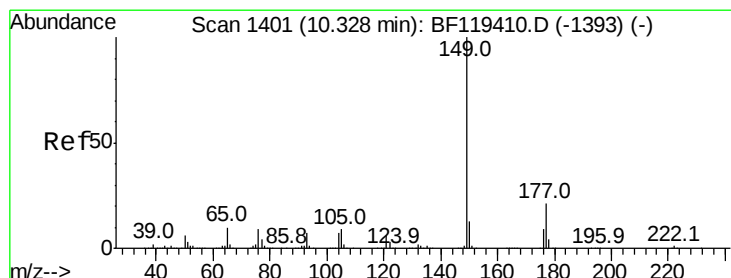
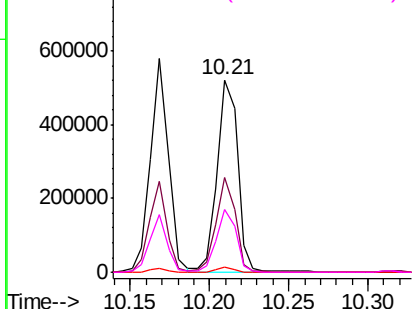
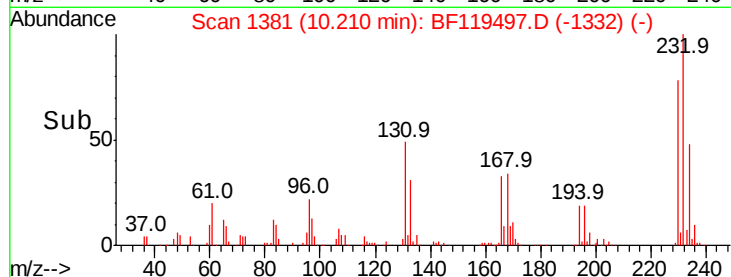
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.849 ng
 RT: 10.21 min Scan# 1381
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion:	232	Resp:	471808
Ion	Ratio	Lower	Upper
232	100		
131	45.9	36.3	54.5
130	2.3	1.8	2.6
166	32.0	24.9	37.3

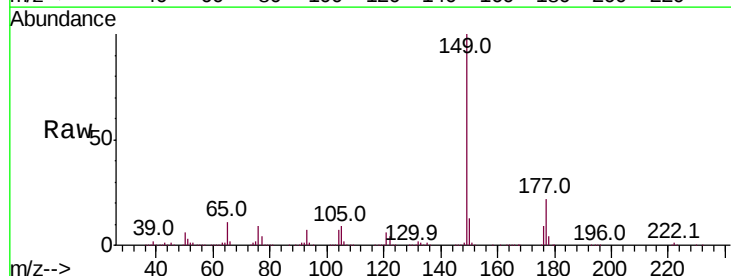


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

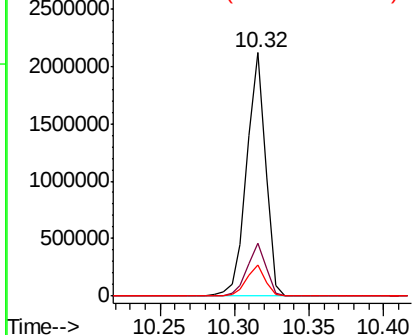
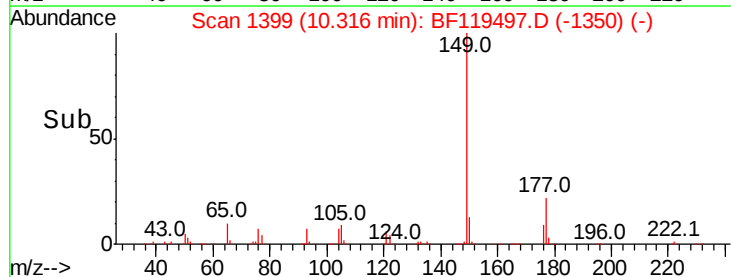


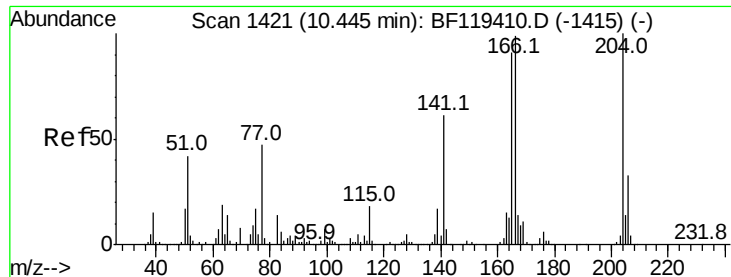
#60
 Diethylphthalate
 Concen: 41.886 ng
 RT: 10.32 min Scan# 1399
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Tgt Ion:	149	Resp:	1849874
Ion	Ratio	Lower	Upper
149	100		
177	21.6	17.0	25.6
150	12.7	10.2	15.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

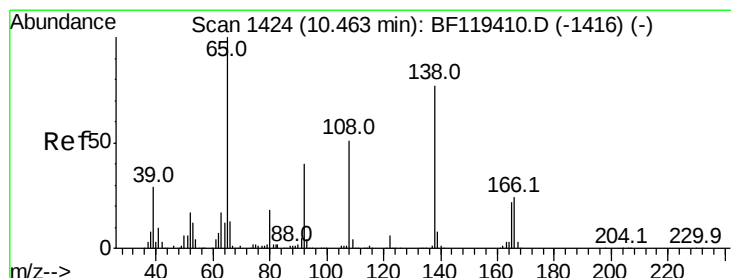
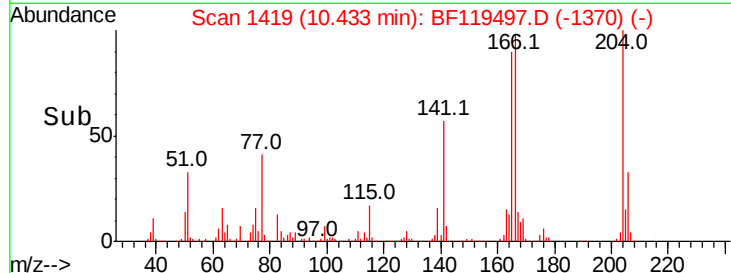
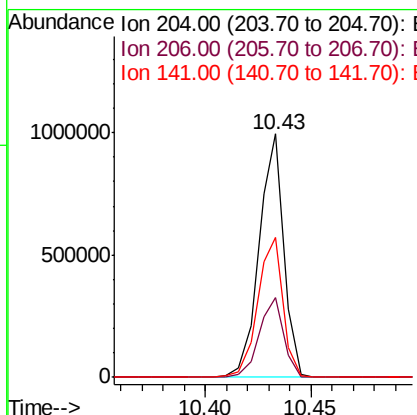
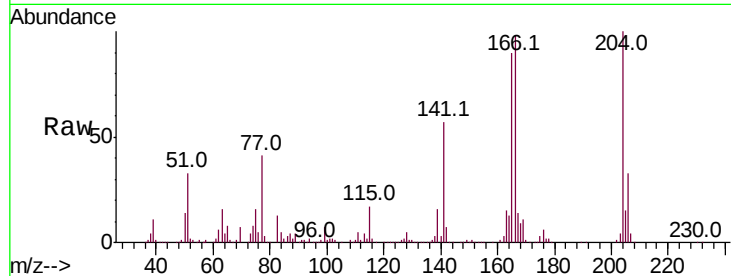




#61
 4-Chlorophenyl-phenylether
 Concen: 40.807 ng
 RT: 10.43 min Scan# 1419
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

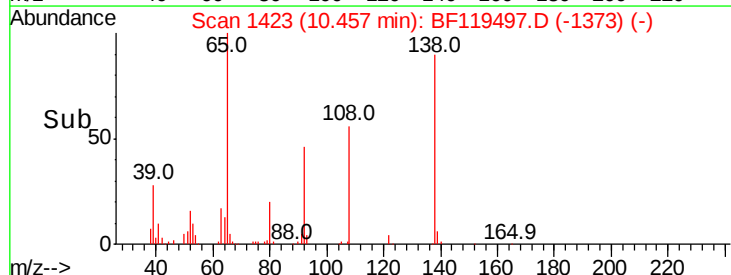
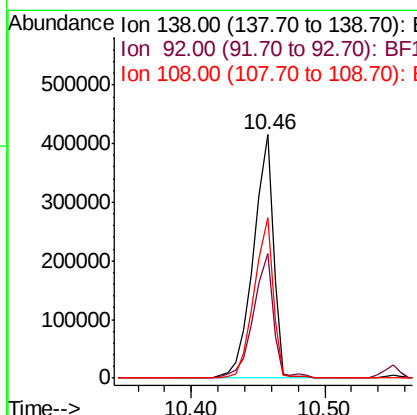
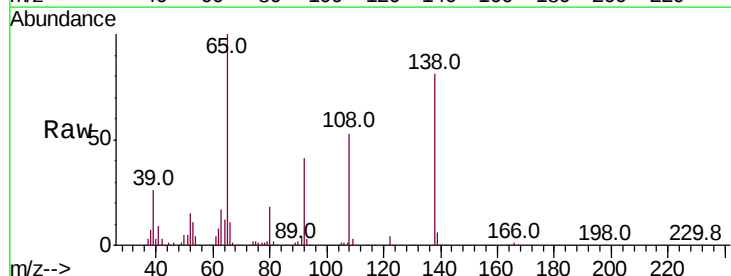
Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

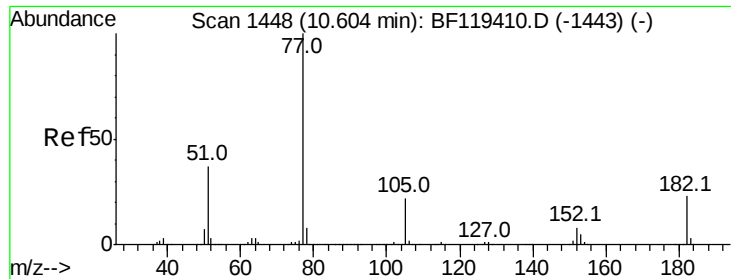
Tot Ion:	204	Resp:	809506
Ion	Ratio	Lower	Upper
204	100		
206	33.0	26.7	40.1
141	57.3	48.8	73.2



#62
 4-Nitroaniline
 Concen: 37.720 ng
 RT: 10.46 min Scan# 1423
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Tgt Ion:	138	Resp:	425922
Ion	Ratio	Lower	Upper
138	100		
92	51.1	32.0	72.0
108	65.8	46.0	86.0

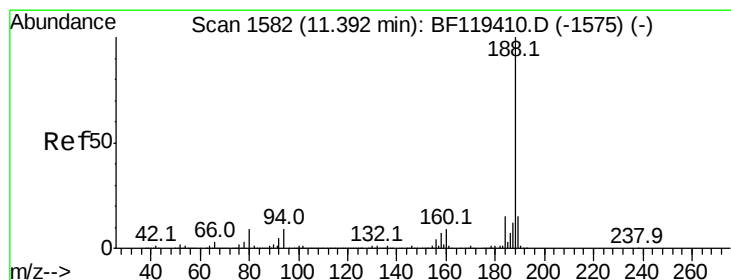
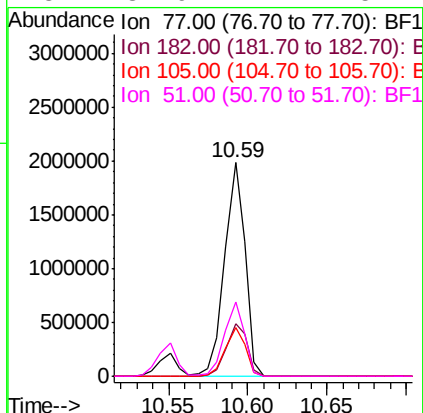
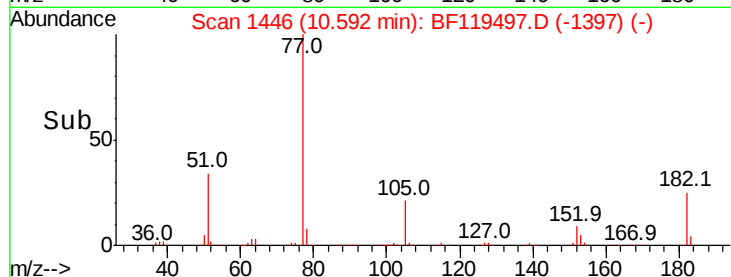
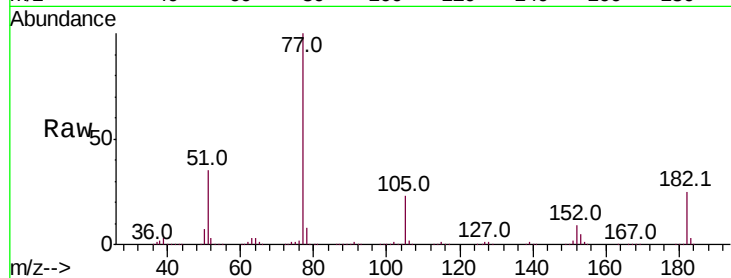




#63
Azobenzene
Concen: 39.747 ng
RT: 10.59 min Scan# 1446
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

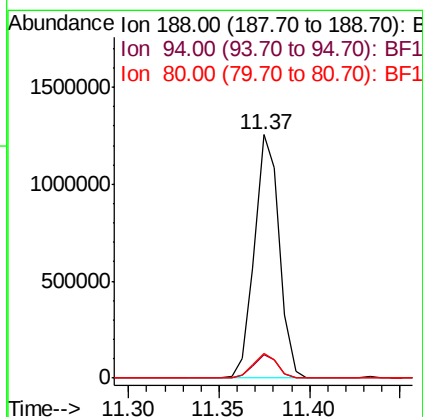
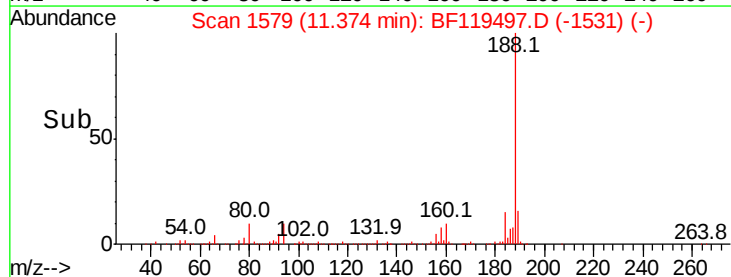
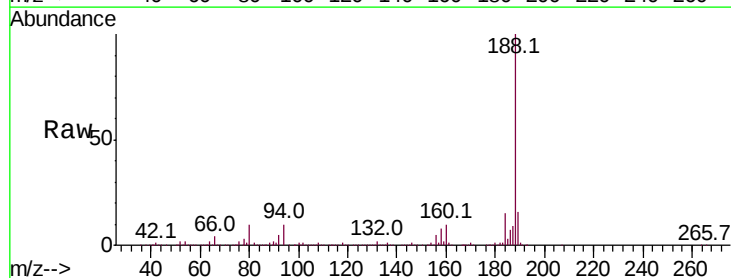
Instrument :
BNA_F
ClientSampleId :
PB127731BS

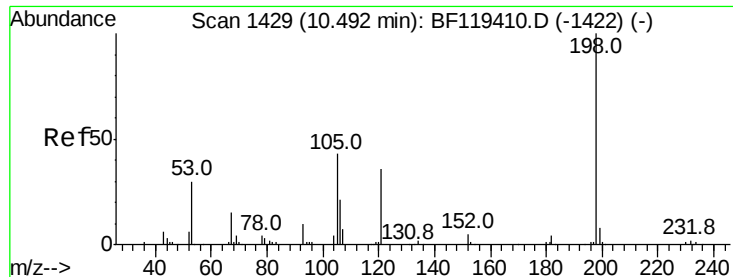
Tot Ion: 77 Resp: 1767702
Ion Ratio Lower Upper
77 100
182 24.7 2.5 42.5
105 23.0 2.5 42.5
51 34.9 17.1 57.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.37 min Scan# 1579
Delta R.T. -0.02 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion: 188 Resp: 1194013
Ion Ratio Lower Upper
188 100
94 9.6 7.1 10.7
80 10.4 7.5 11.3





#65

4,6-Dinitro-2-methylphenol

Concen: 51.227 ng

RT: 10.49 min Scan# 1428

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

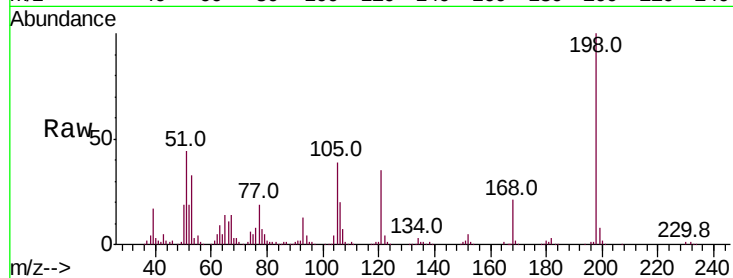
Tot Ion:198 Resp: 256486

Ion Ratio Lower Upper

198 100

51 44.2 33.1 73.1

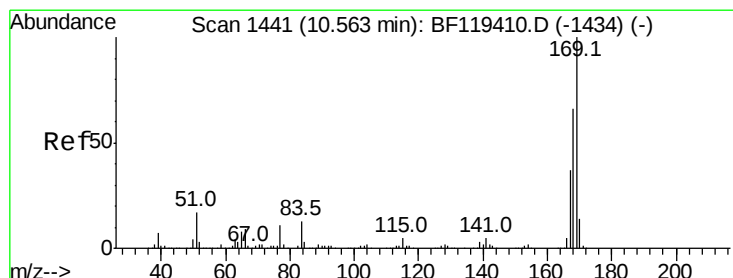
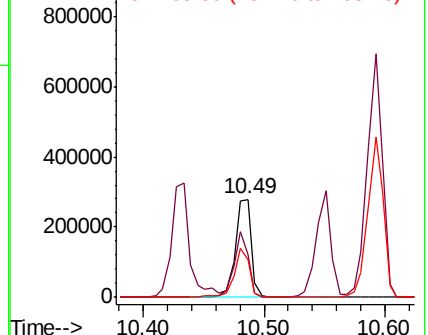
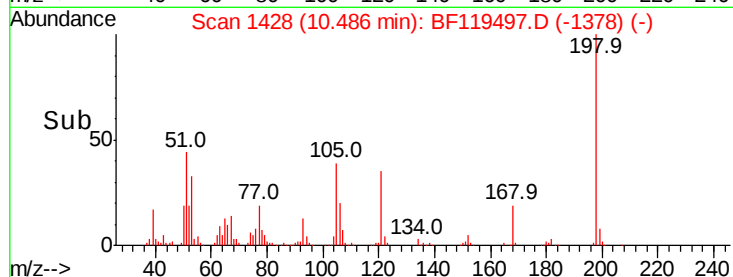
105 38.8 24.1 64.1



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 38.974 ng

RT: 10.55 min Scan# 1439

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

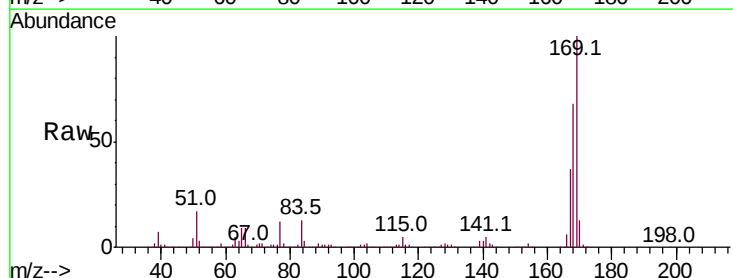
Tgt Ion:169 Resp: 1527680

Ion Ratio Lower Upper

169 100

168 67.9 52.7 79.1

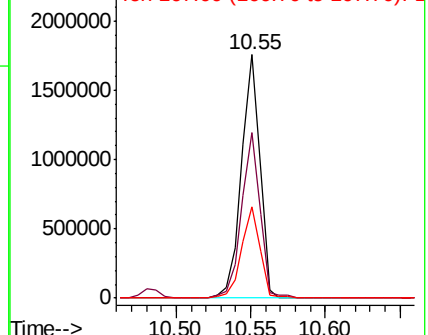
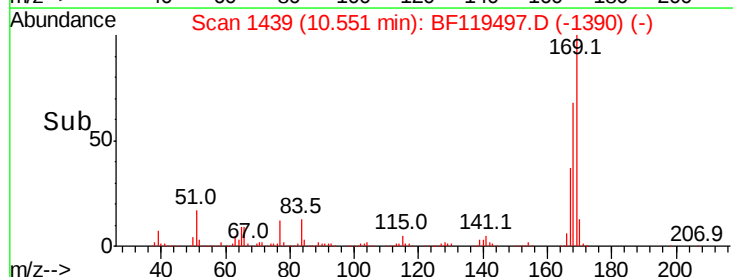
167 37.4 29.3 43.9

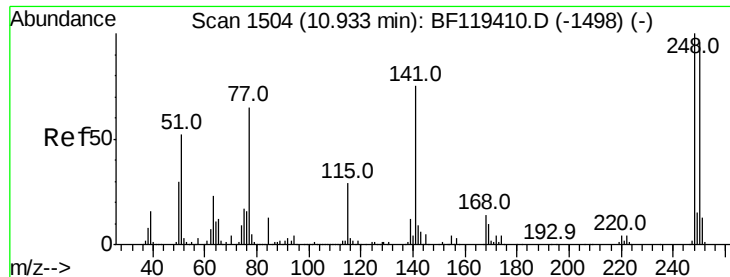


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

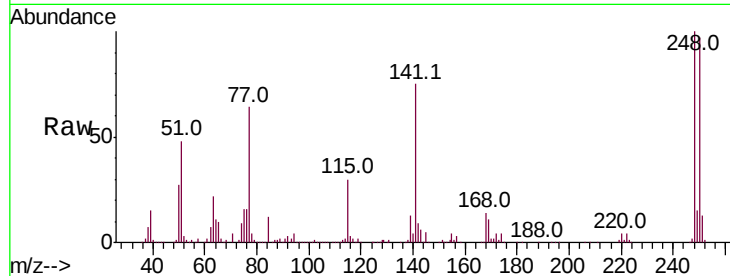




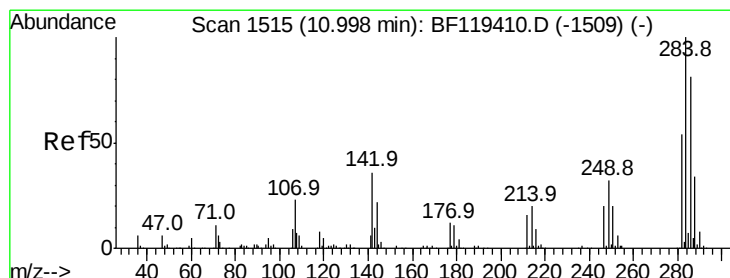
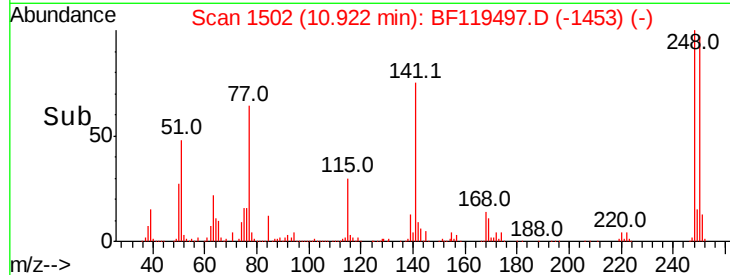
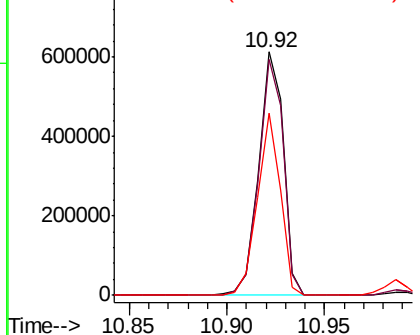
#67
 4-Bromophenyl-phenylether
 Concen: 39.387 ng
 RT: 10.92 min Scan# 1502
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion:248 Resp: 535600
 Ion Ratio Lower Upper
 248 100
 250 96.9 77.0 115.6
 141 74.9 59.7 89.5

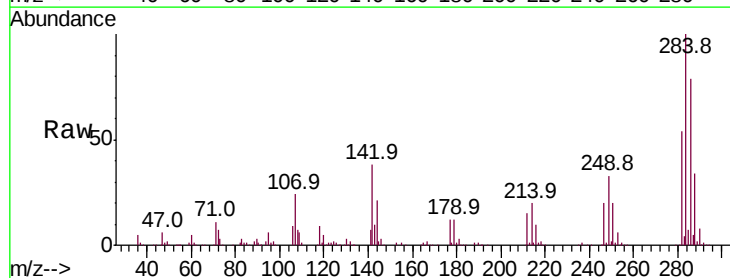


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

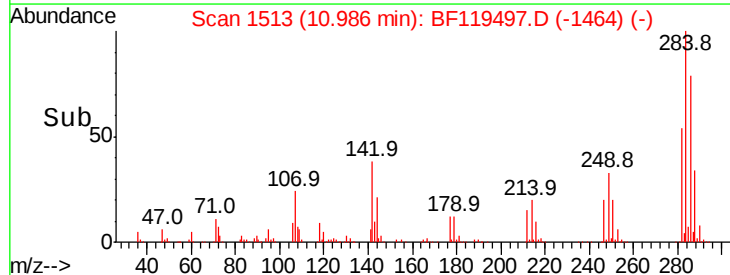
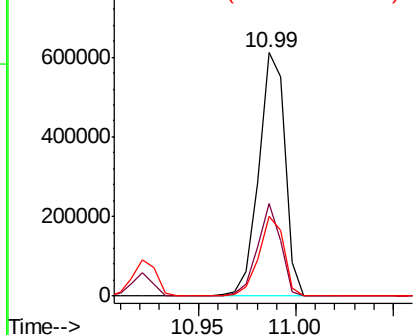


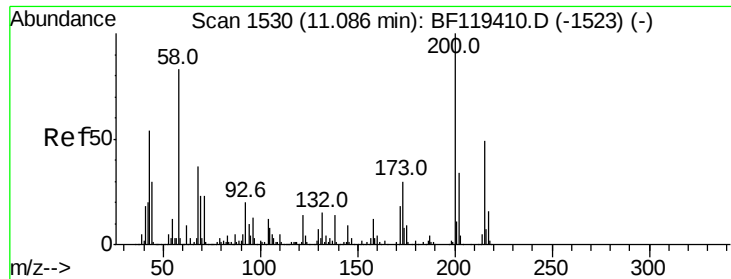
#68
 Hexachlorobenzene
 Concen: 40.880 ng
 RT: 10.99 min Scan# 1513
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Tgt Ion:284 Resp: 568946
 Ion Ratio Lower Upper
 284 100
 142 38.0 28.7 43.1
 249 32.8 25.4 38.0



Abundance Ion 283.80 (283.50 to 284.50): E
 Ion 142.00 (141.70 to 142.70): E
 Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 45.356 ng

RT: 11.08 min Scan# 1529

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

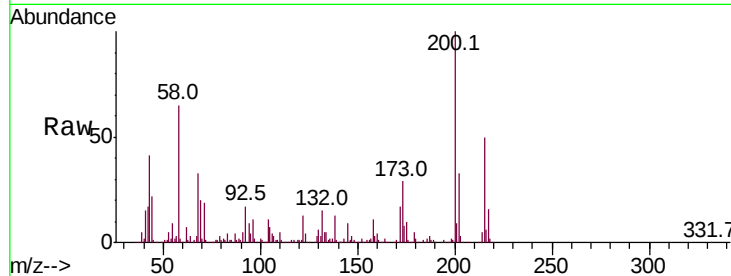
Tot Ion:200 Resp: 487392

Ion Ratio Lower Upper

200 100

173 28.9 9.9 49.9

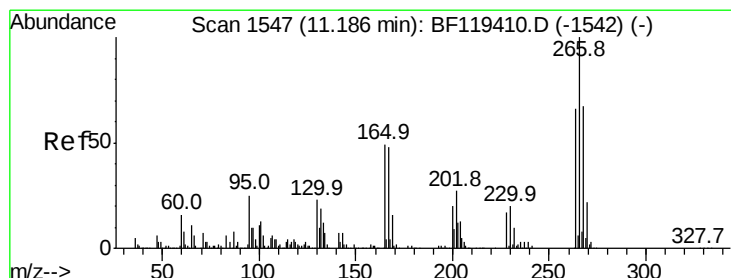
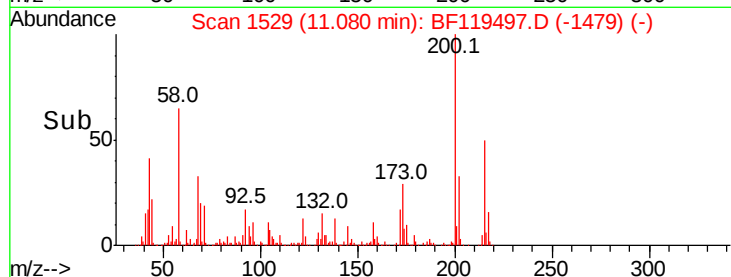
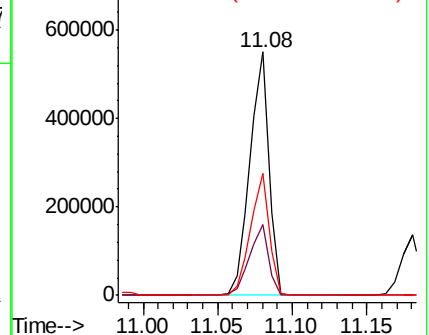
215 50.3 29.4 69.4



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 78.172 ng

RT: 11.18 min Scan# 1546

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

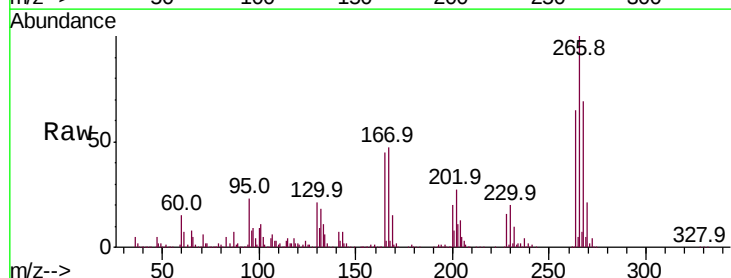
Tgt Ion:266 Resp: 637931

Ion Ratio Lower Upper

266 100

268 68.8 53.7 80.5

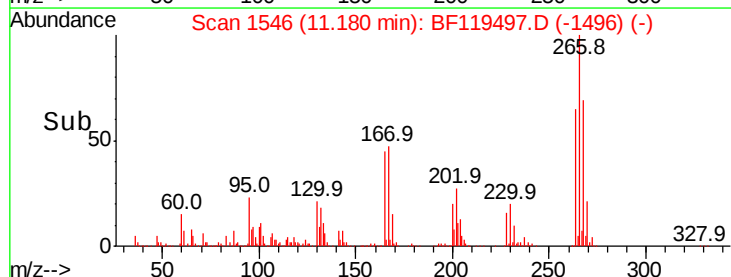
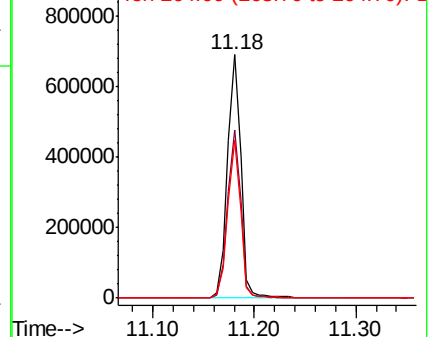
264 64.6 52.5 78.7

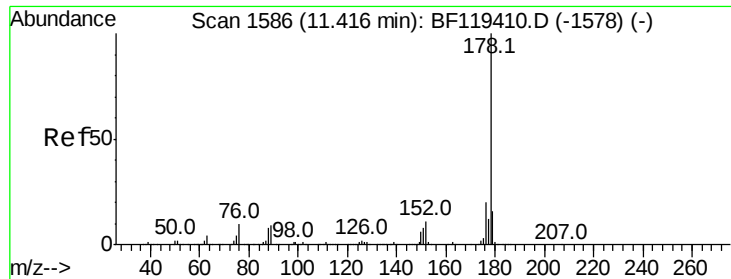


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 39.040 ng

RT: 11.40 min Scan# 1584

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

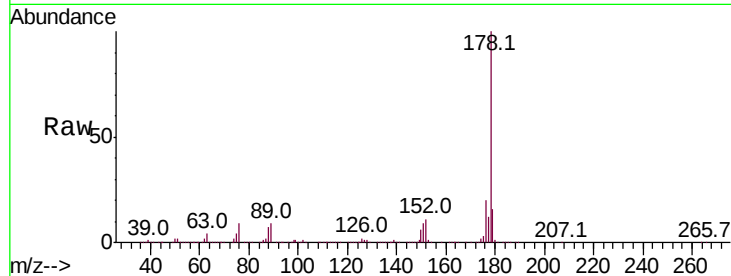
Tot Ion:178 Resp: 2417082

Ion Ratio Lower Upper

178 100

176 20.4 16.2 24.4

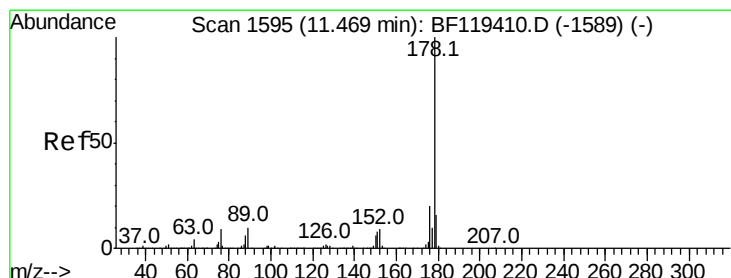
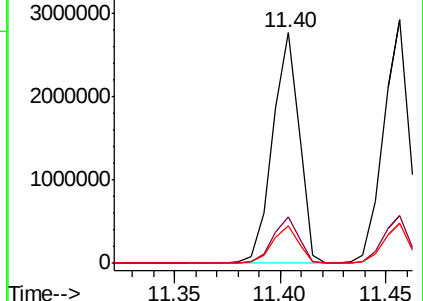
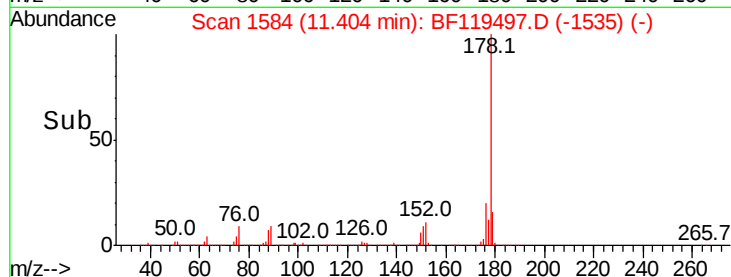
179 16.3 12.9 19.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 39.320 ng

RT: 11.46 min Scan# 1593

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

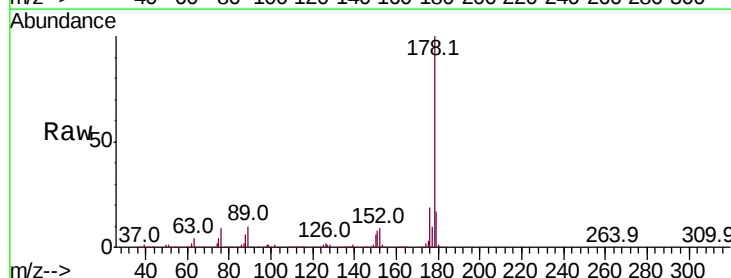
Tgt Ion:178 Resp: 2474189

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

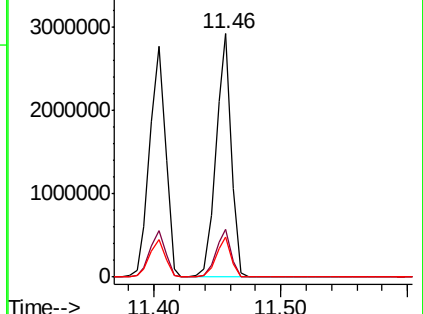
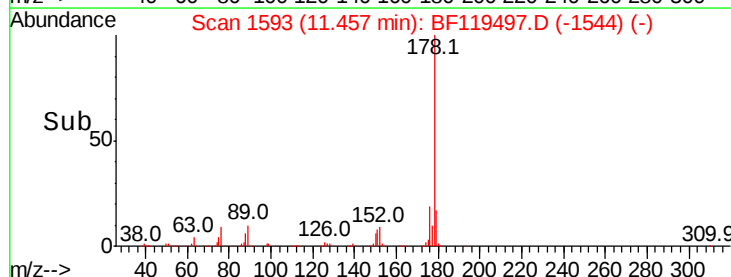
179 16.6 13.1 19.7

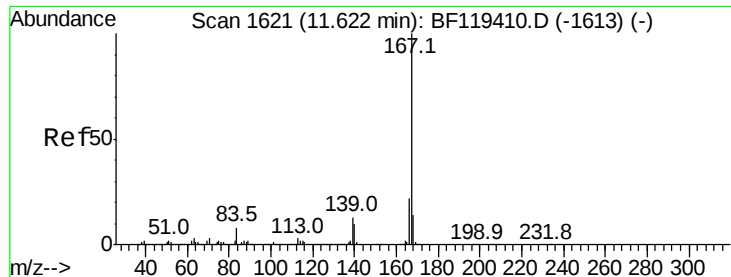


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



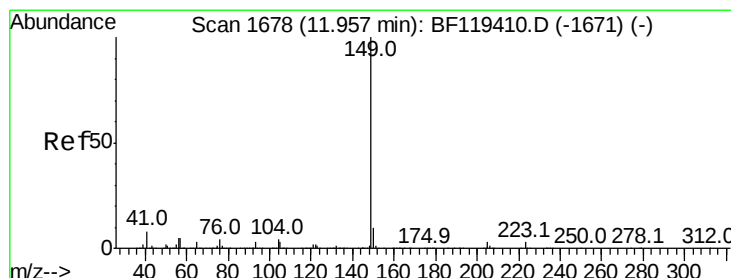
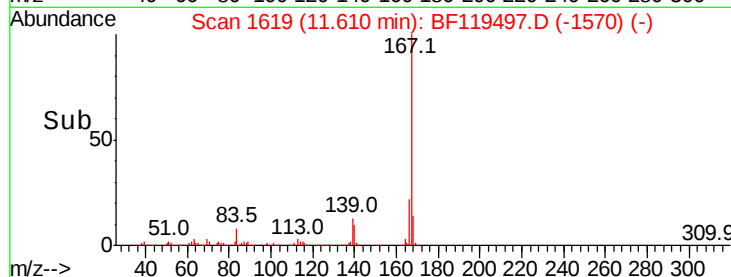
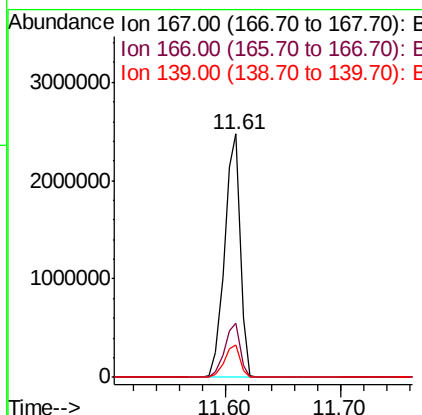
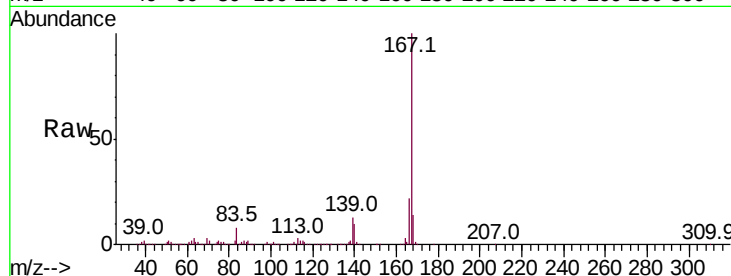


#73
 Carbazole
 Concen: 37.276 ng
 RT: 11.61 min Scan# 1619
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion:167 Resp: 2321664

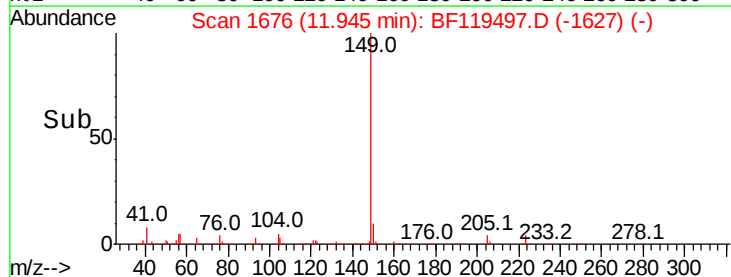
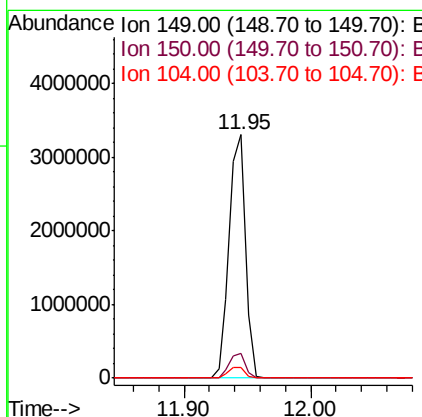
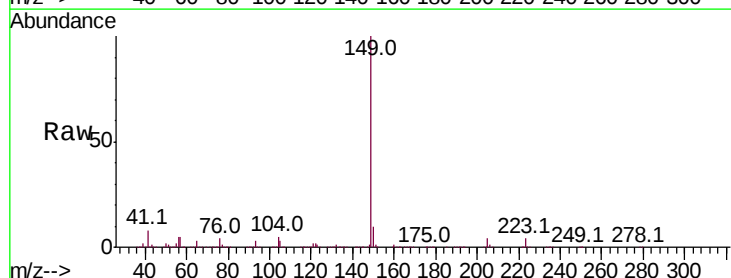
Ion	Ratio	Lower	Upper
167	100		
166	22.4	17.8	26.6
139	13.2	10.2	15.4

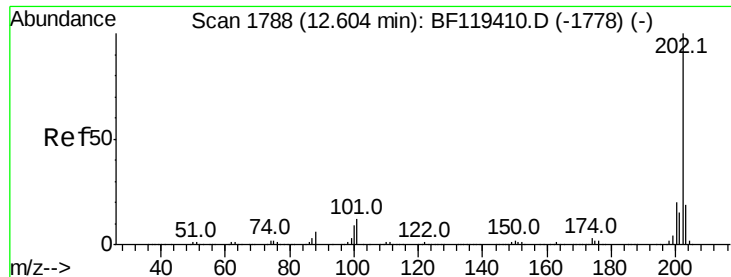


#74
 Di-n-butylphthalate
 Concen: 44.220 ng
 RT: 11.95 min Scan# 1676
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Tgt Ion:149 Resp: 2946189

Ion	Ratio	Lower	Upper
149	100		
150	10.0	7.6	11.4
104	4.6	3.5	5.3



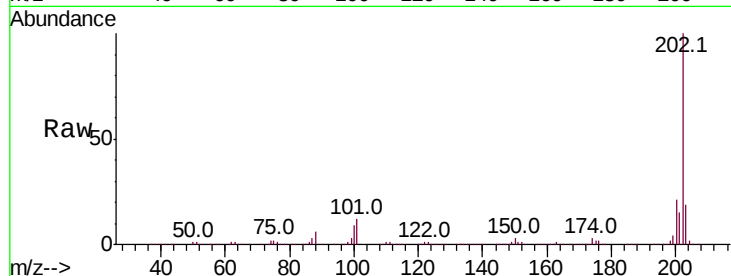


#75
 Fluoranthene
 Concen: 39.913 ng
 RT: 12.59 min Scan# 1786
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

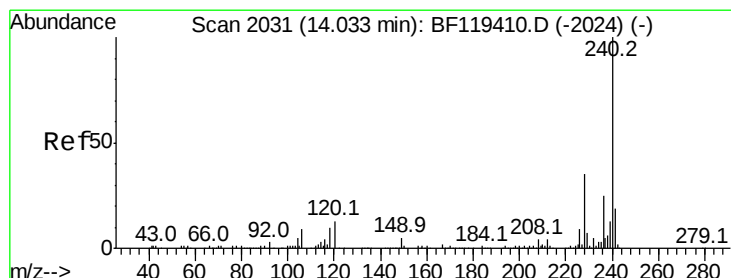
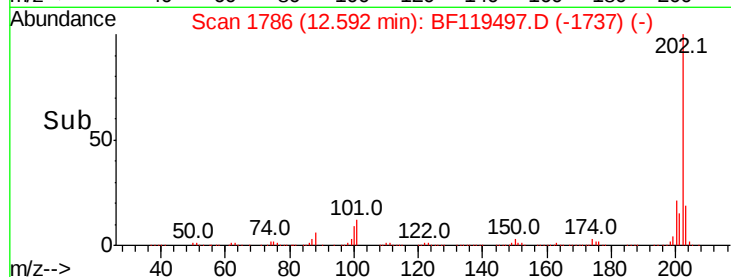
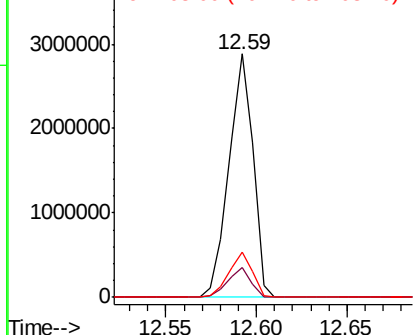
Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

Tot Ion:202 Resp: 2674334

Ion	Ratio	Lower	Upper
202	100		
101	12.3	0.0	32.4
203	18.5	0.0	38.5



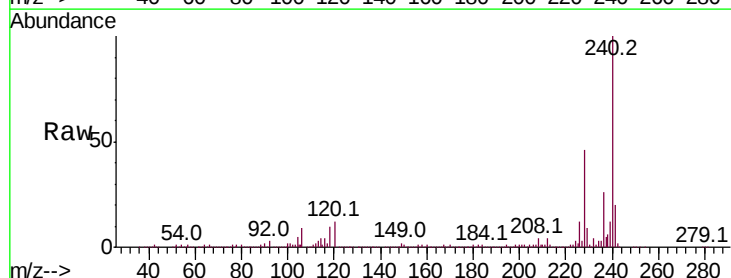
Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E



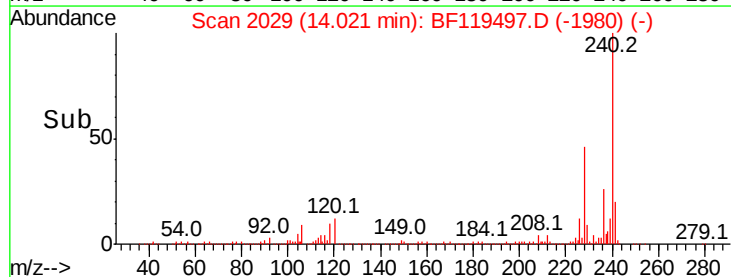
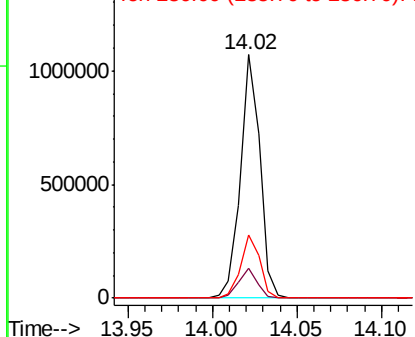
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 14.02 min Scan# 2029
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

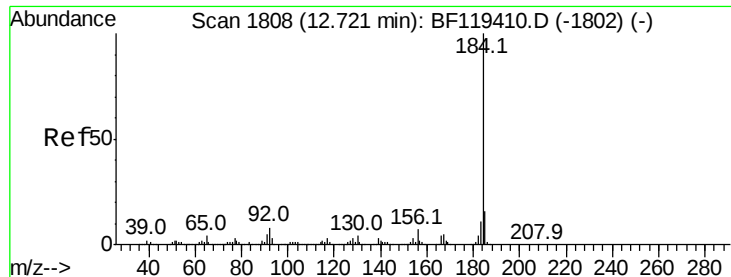
Tgt Ion:240 Resp: 859389

Ion	Ratio	Lower	Upper
240	100		
120	12.3	10.2	15.4
236	25.8	20.4	30.6



Abundance Ion 240.00 (239.70 to 240.70): E
 Ion 120.00 (119.70 to 120.70): E
 Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 37.829 ng

RT: 12.71 min Scan# 1806

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

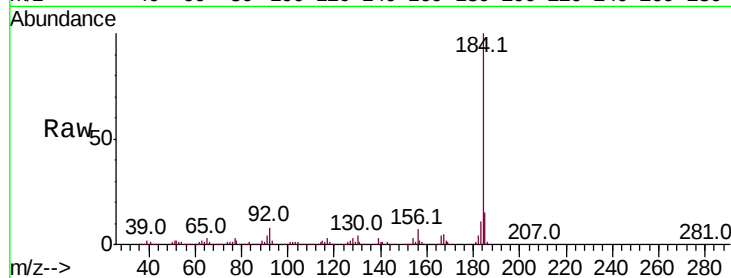
Tot Ion:184 Resp: 1375839

Ion Ratio Lower Upper

184 100

185 15.1 12.9 19.3

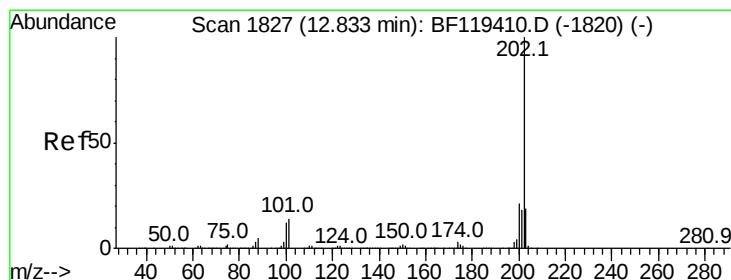
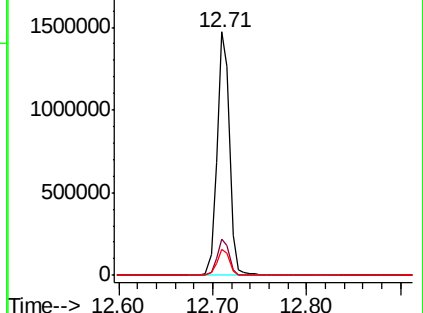
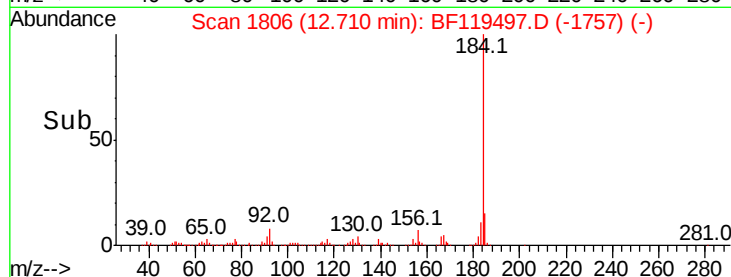
183 10.6 9.0 13.4



Abundance Ion 184.00 (183.70 to 184.70): E

2000000 Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 38.121 ng

RT: 12.82 min Scan# 1825

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

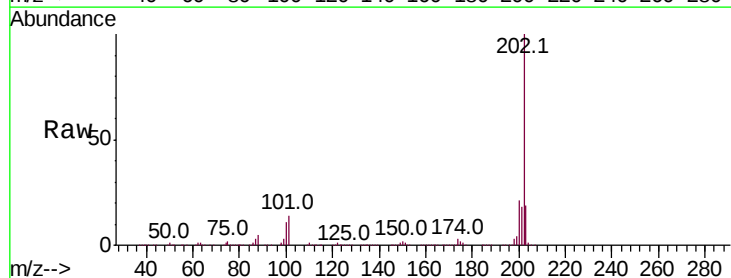
Tgt Ion:202 Resp: 2688670

Ion Ratio Lower Upper

202 100

200 21.4 16.8 25.2

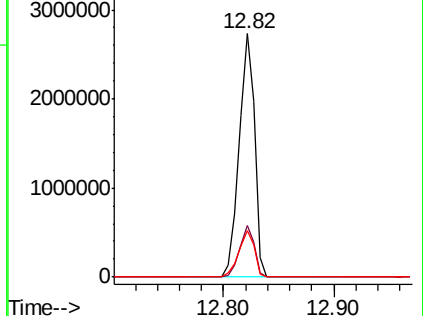
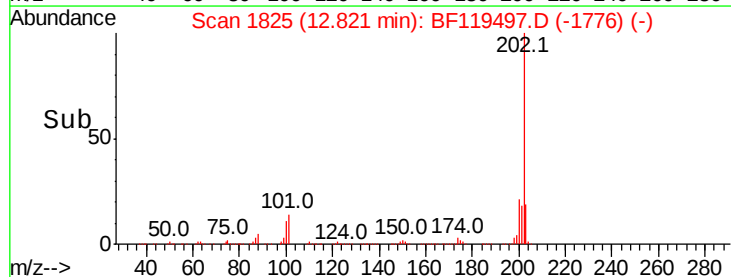
203 18.9 14.8 22.2

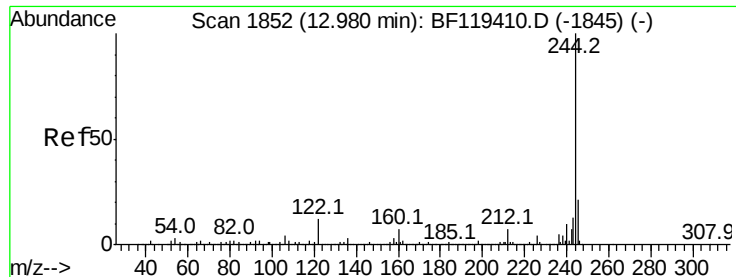


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 83.407 ng

RT: 12.97 min Scan# 1850

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

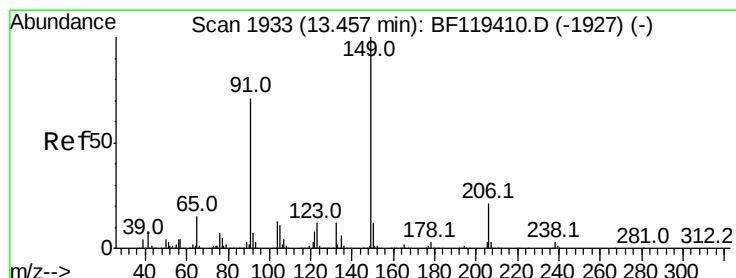
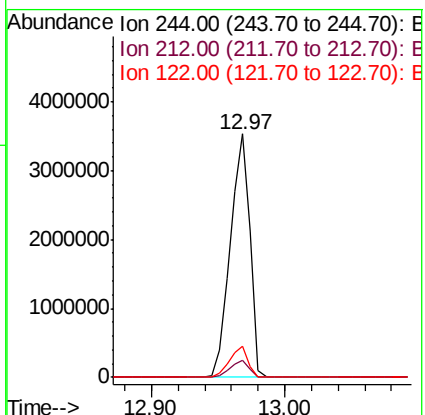
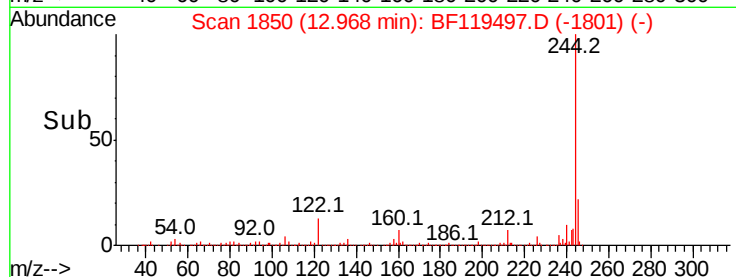
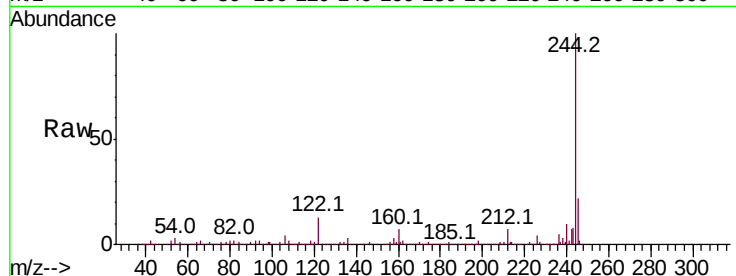
Tot Ion:244 Resp: 3658574

Ion Ratio Lower Upper

244 100

212 7.1 5.7 8.5

122 12.9 9.8 14.8



#80

Butylbenzylphthalate

Concen: 46.717 ng

RT: 13.44 min Scan# 1931

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

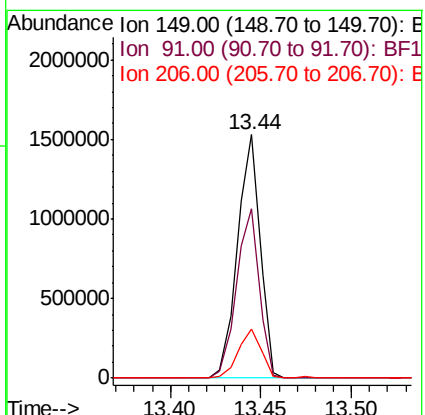
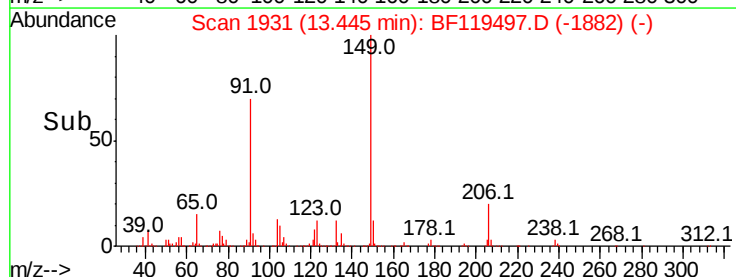
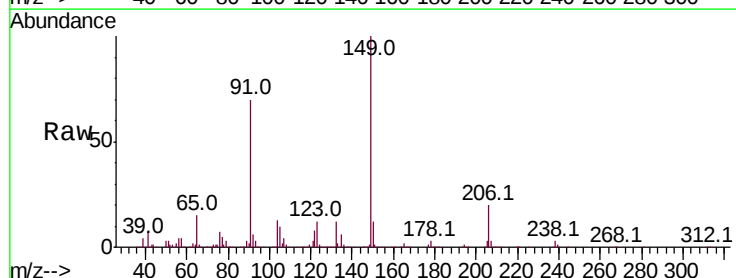
Tgt Ion:149 Resp: 1332637

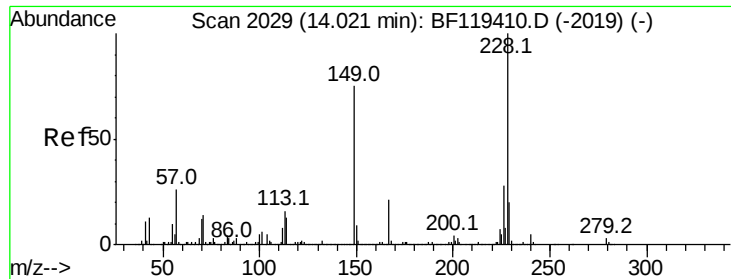
Ion Ratio Lower Upper

149 100

91 69.6 57.0 85.6

206 20.0 16.4 24.6





#81

Benzo(a)anthracene

Concen: 37.117 ng

RT: 14.01 min Scan# 2027

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

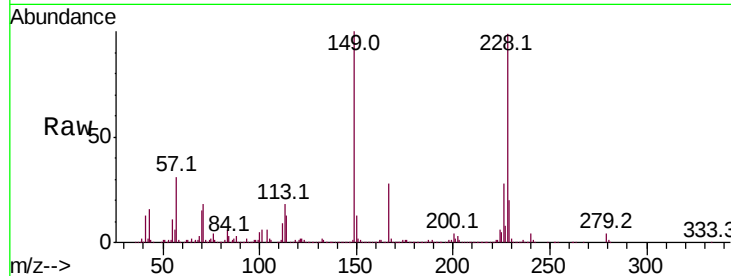
Tot Ion:228 Resp: 2074269

Ion Ratio Lower Upper

228 100

226 27.8 22.3 33.5

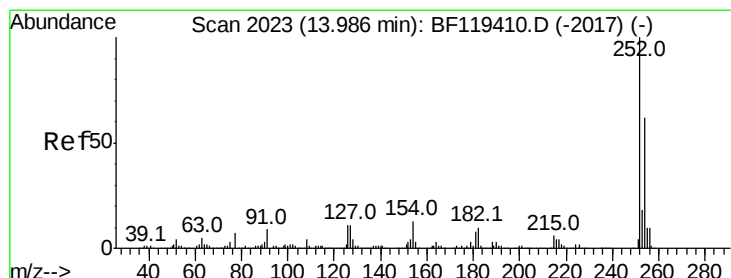
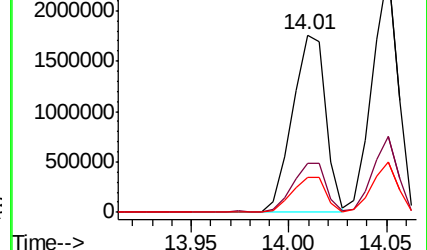
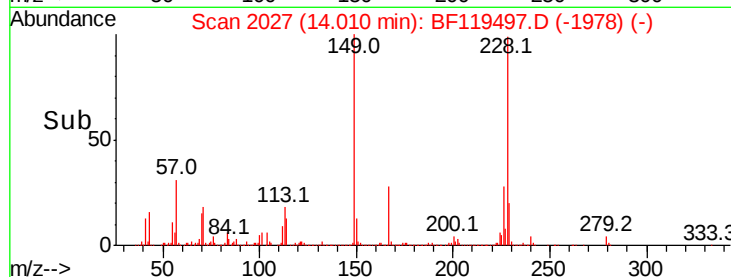
229 20.0 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 26.752 ng

RT: 13.97 min Scan# 2021

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

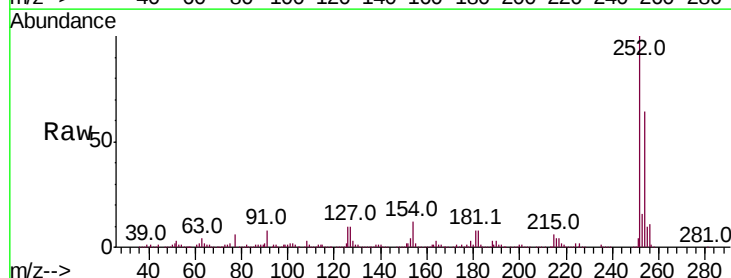
Tgt Ion:252 Resp: 589479

Ion Ratio Lower Upper

252 100

254 63.5 49.8 74.8

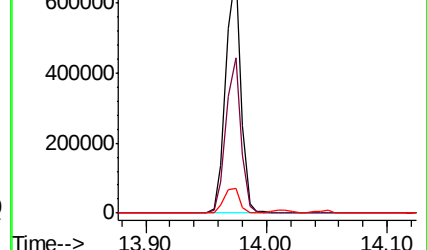
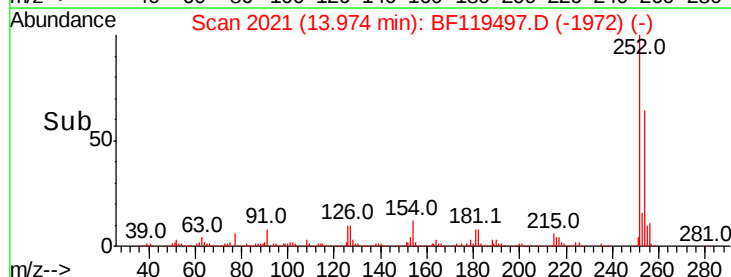
126 10.2 8.9 13.3

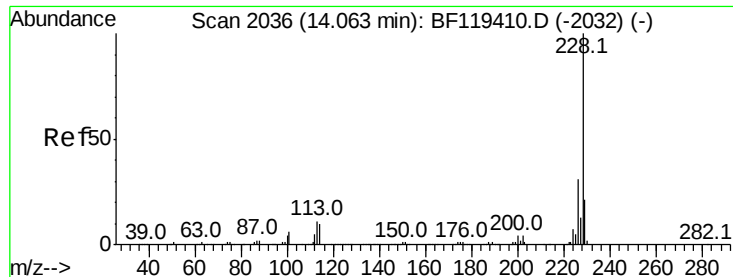


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 37.705 ng

RT: 14.05 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

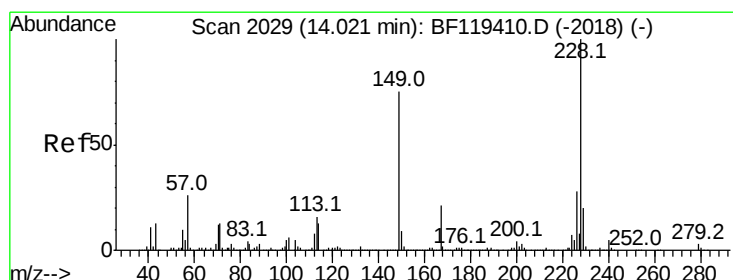
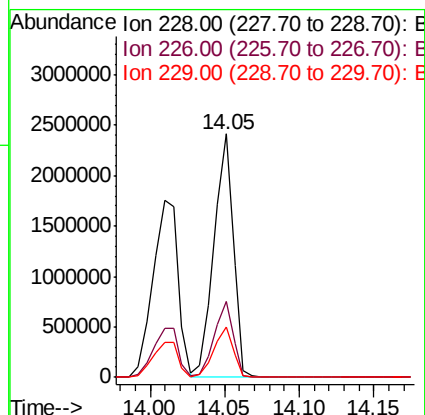
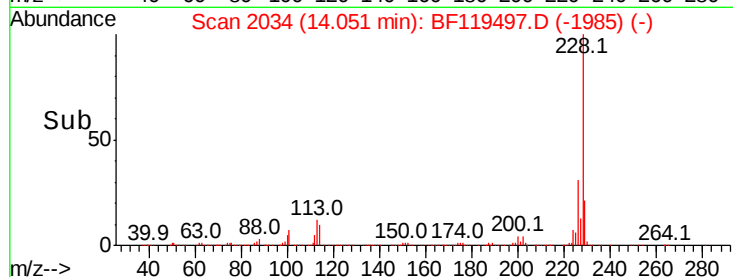
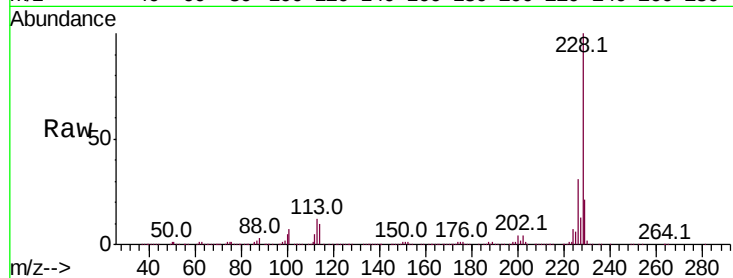
BNA_F

ClientSampleId :

PB127731BS

Tot Ion:228 Resp: 2174660

Ion	Ratio	Lower	Upper
228	100		
226	31.0	24.8	37.2
229	20.6	16.6	25.0



#84

Bis(2-ethylhexyl)phthalate

Concen: 51.045 ng

RT: 14.00 min Scan# 2026

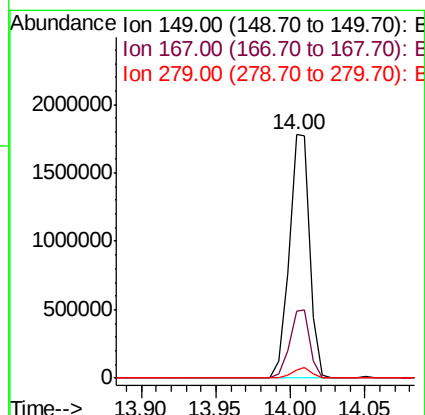
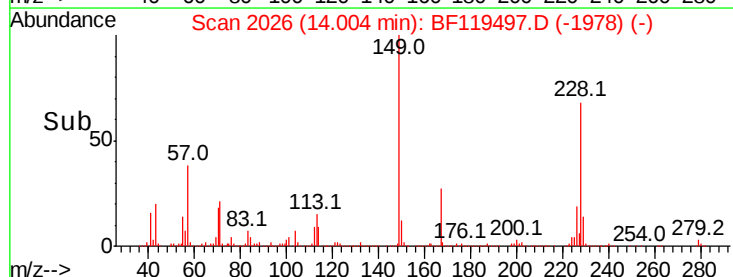
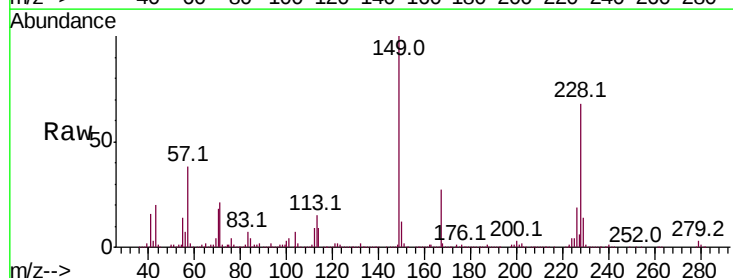
Delta R.T. -0.02 min

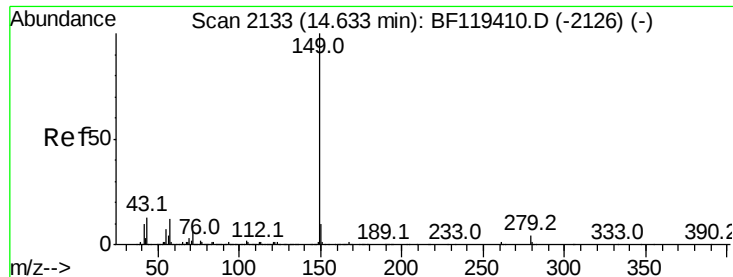
Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Tgt Ion:149 Resp: 1735809

Ion	Ratio	Lower	Upper
149	100		
167	27.4	22.0	33.0
279	3.4	3.2	4.8





#85

Di-n-octyl phthalate

Concen: 51.293 ng

RT: 14.62 min Scan# 2131

Delta R.T. -0.01 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

Instrument :

BNA_F

ClientSampleId :

PB127731BS

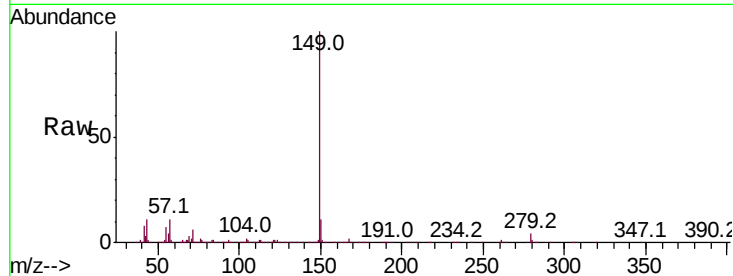
Tot Ion:149 Resp: 3067579

Ion Ratio Lower Upper

149 100

167 1.6 1.1 1.7

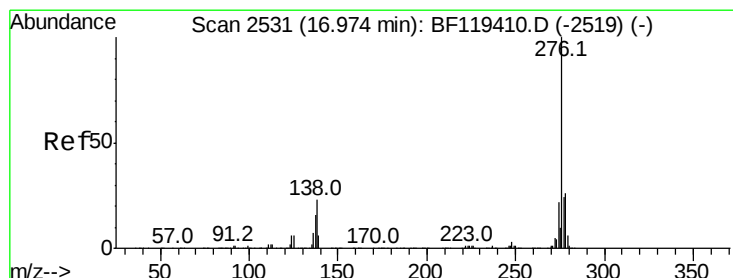
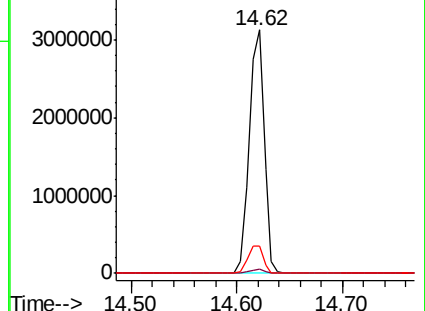
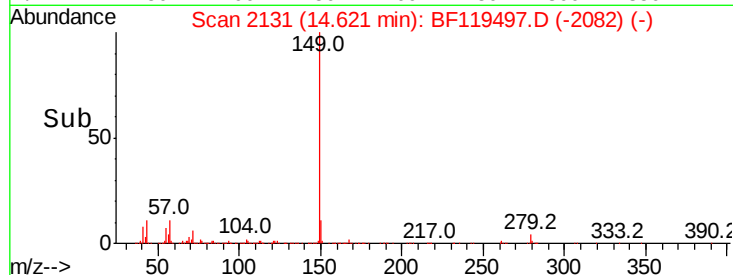
43 11.8 10.1 15.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1



#86

Indeno(1,2,3-cd)pyrene

Concen: 34.832 ng

RT: 16.96 min Scan# 2528

Delta R.T. -0.02 min

Lab File: BF119497.D

Acq: 24 Mar 2020 20:47

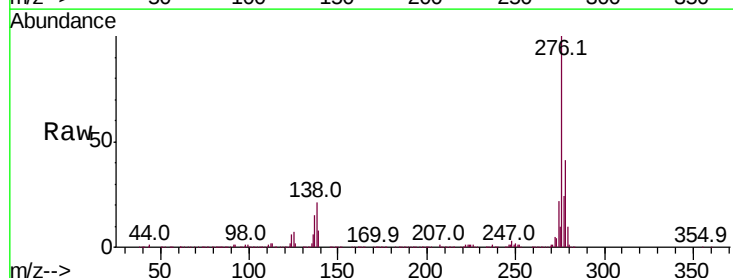
Tgt Ion:276 Resp: 1892055

Ion Ratio Lower Upper

276 100

138 24.6 21.3 31.9

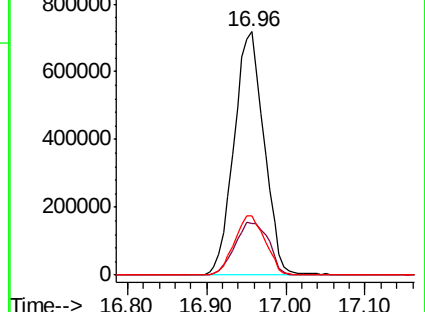
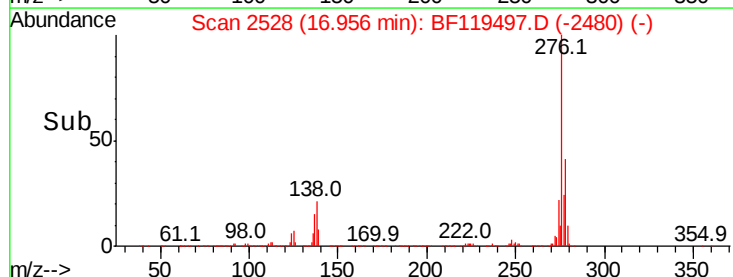
277 25.0 20.2 30.2

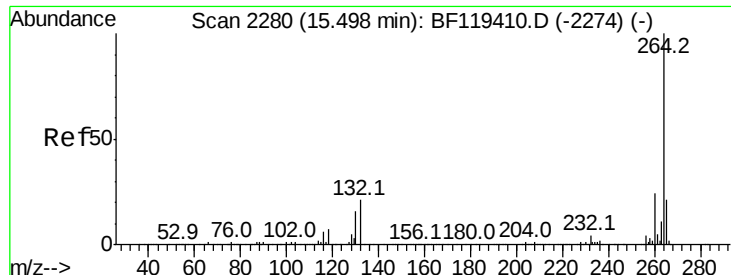


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E

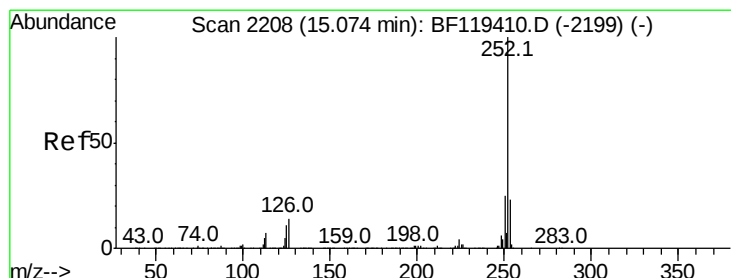
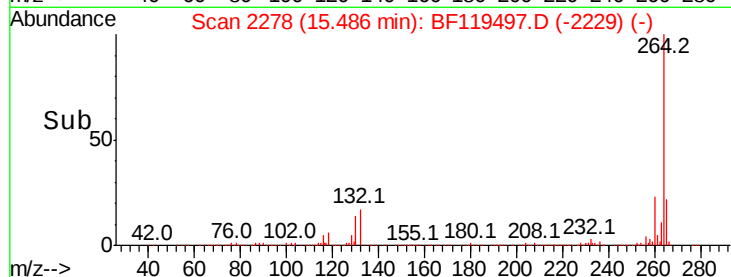
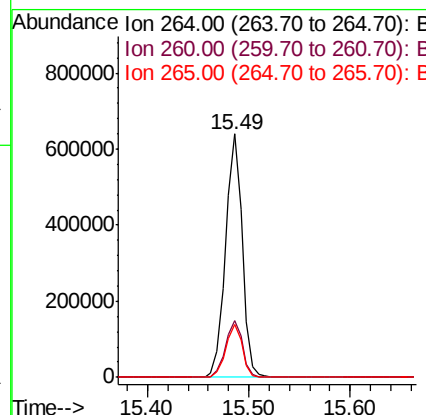
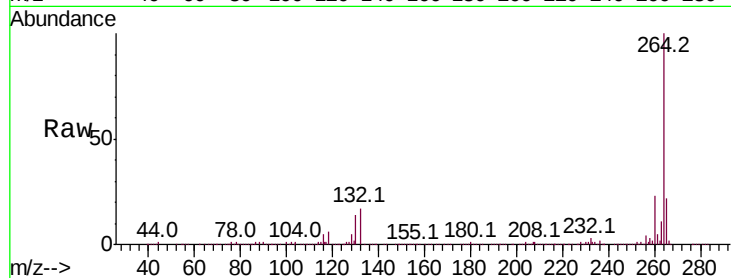




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.49 min Scan# 2278
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

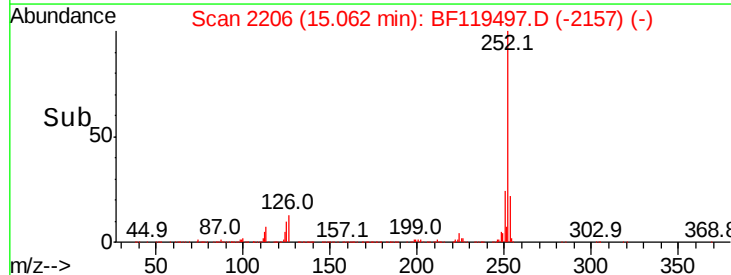
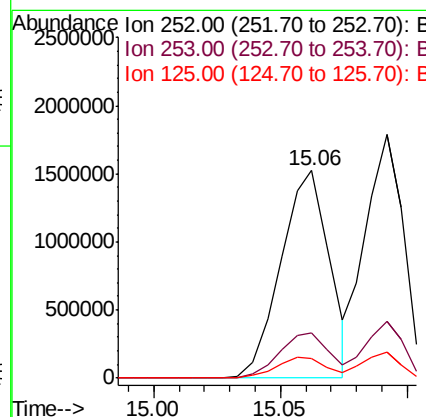
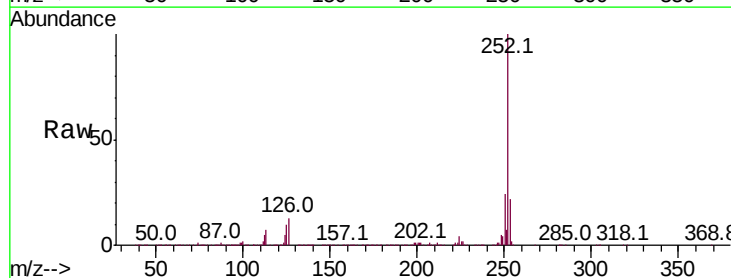
Instrument :
 BNA_F
 ClientSampleId :
 PB127731BS

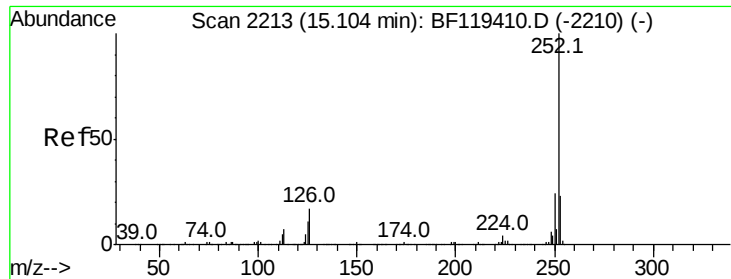
Tot Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.2	28.8
265	21.6	16.9	25.3



#88
 Benzo(b)fluoranthene
 Concen: 41.604 ng
 RT: 15.06 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BF119497.D
 Acq: 24 Mar 2020 20:47

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.1	18.2	27.4
125	9.7	8.8	13.2

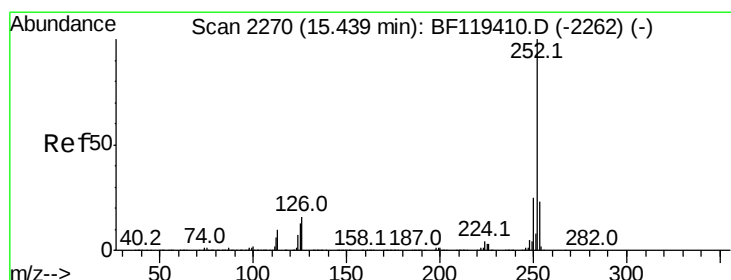
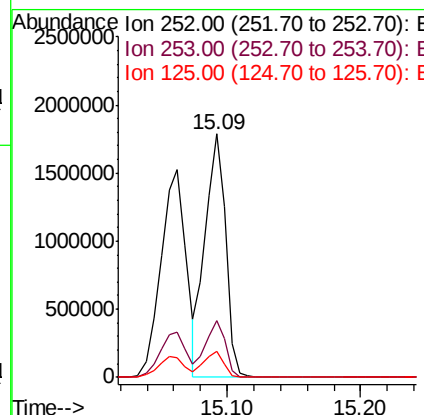
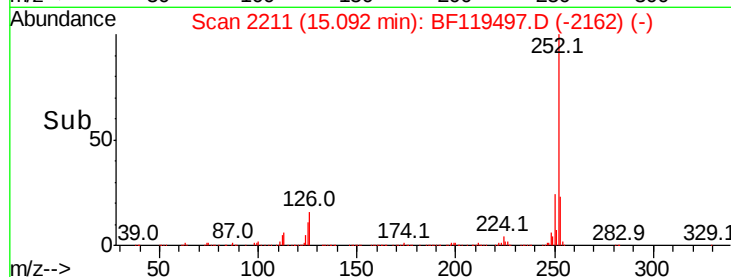
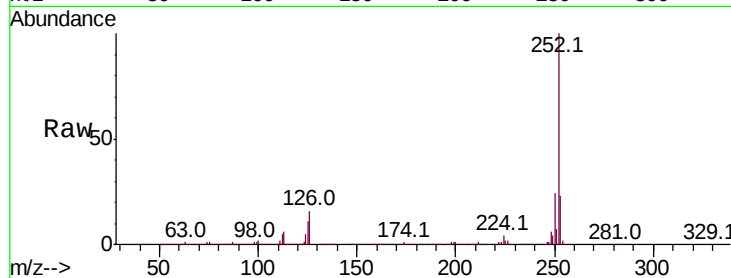




#89
Benzo(k)fluoranthene
Concen: 41.041 ng
RT: 15.09 min Scan# 2211
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

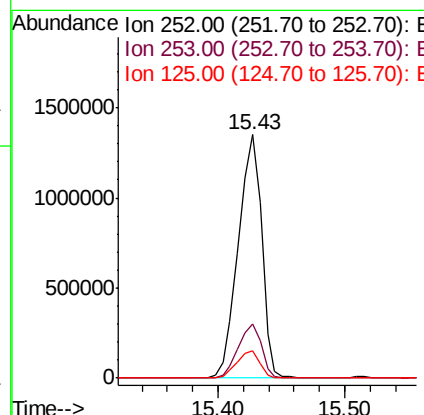
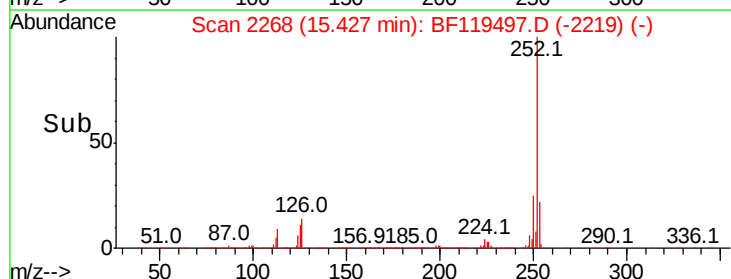
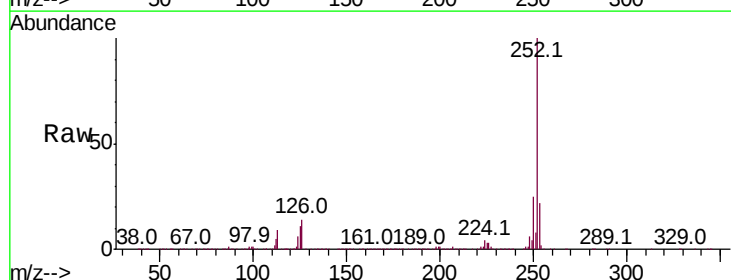
Instrument :
BNA_F
ClientSampleId :
PB127731BS

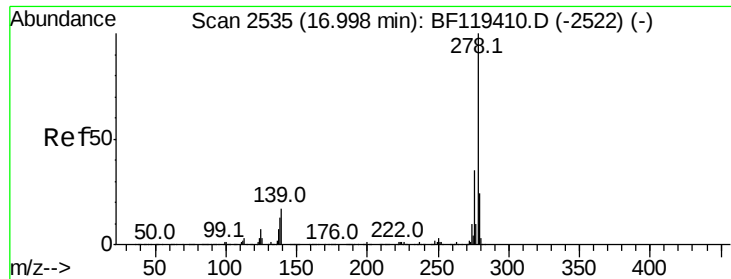
Tot Ion:252 Resp: 1906525
Ion Ratio Lower Upper
252 100
253 23.3 18.2 27.4
125 10.8 9.0 13.4



#90
Benzo(a)pyrene
Concen: 38.888 ng
RT: 15.43 min Scan# 2268
Delta R.T. -0.01 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion:252 Resp: 1724149
Ion Ratio Lower Upper
252 100
253 22.4 18.2 27.4
125 11.0 10.2 15.2

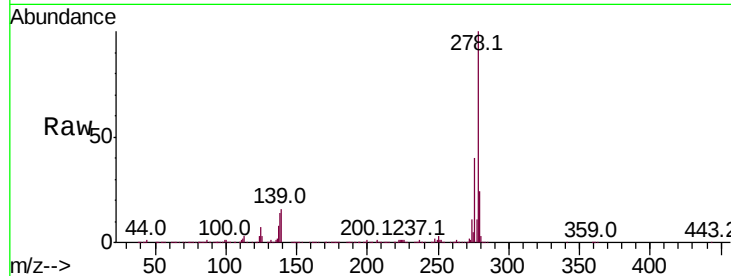




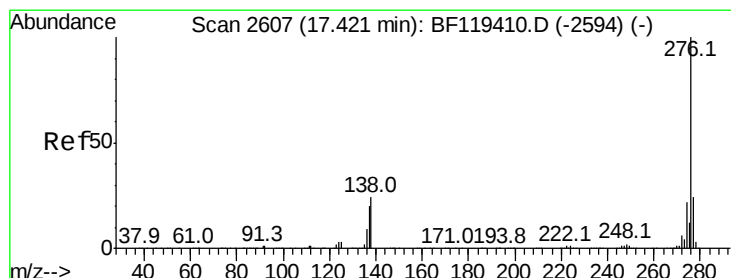
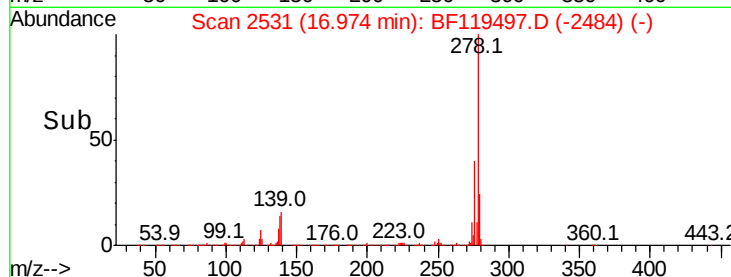
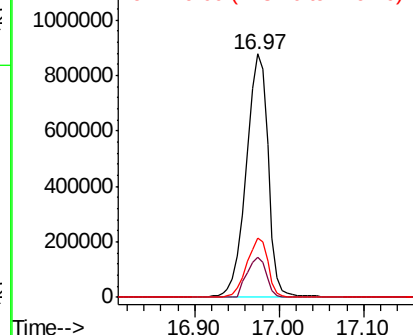
#91
Dibenzo(a,h)anthracene
Concen: 40.691 ng
RT: 16.97 min Scan# 2531
Delta R.T. -0.02 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Instrument :
BNA_F
ClientSampleId :
PB127731BS

Tot Ion:278 Resp: 1577943
Ion Ratio Lower Upper
278 100
139 16.3 13.7 20.5
279 24.2 19.2 28.8

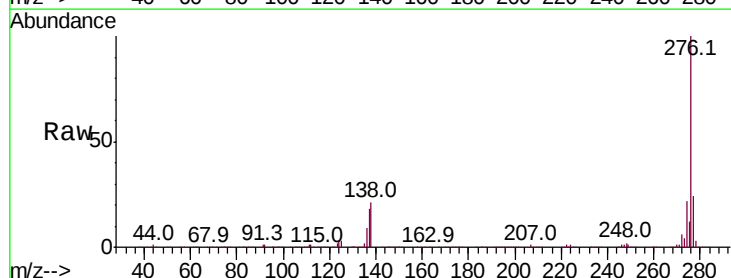


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.784 ng
RT: 17.40 min Scan# 2603
Delta R.T. -0.02 min
Lab File: BF119497.D
Acq: 24 Mar 2020 20:47

Tgt Ion:276 Resp: 1549948
Ion Ratio Lower Upper
276 100
277 23.8 18.8 28.2
138 21.4 19.1 28.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

