

Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041520\
 Data File : BF119984.D
 Acq On : 15 Apr 2020 10:58
 Operator : MA/SJ
 Sample : PB128214BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

Quant Time: Apr 15 11:33:49 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040820.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 15 11:01:23 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	179816	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	701921	20.00	ng	0.00
39) Acenaphthene-d10	9.77	164	370932	20.00	ng	0.00
64) Phenanthrene-d10	11.25	188	704615	20.00	ng	0.00
76) Chrysene-d12	13.90	240	498988	20.00	ng	0.00
87) Perylene-d12	15.32	264	435413	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.34	112	1309688	125.87	ng	0.01
7) Phenol-d6	6.37	99	1676210	125.02	ng	0.00
23) Nitrobenzene-d5	7.29	82	1040410	76.68	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	460755	101.46	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	2052888	78.58	ng	0.00
79) Terphenyl-d14	12.84	244	2260953	76.24	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.44	88	180917	39.038	ng	96
3) Pyridine	3.13	79	497697	39.142	ng	97
4) n-Nitrosodimethylamine	3.09	42	267578	41.188	ng	91
6) Aniline	6.39	93	635131	36.093	ng	92
8) 2-Chlorophenol	6.51	128	553459	47.607	ng	99
9) Benzaldehyde	6.27	77	246246	31.035	ng	96
10) Phenol	6.38	94	682391	44.863	ng	94
11) bis(2-Chloroethyl)ether	6.46	93	516253	43.958	ng	99
12) 1,3-Dichlorobenzene	6.67	146	544643	42.792	ng	98
13) 1,4-Dichlorobenzene	6.75	146	552688	42.628	ng	98
14) 1,2-Dichlorobenzene	6.90	146	520987	43.602	ng	98
15) Benzyl Alcohol	6.87	79	441563	42.403	ng	99
16) 2,2'-oxybis(1-Chloropropan	7.01	45	913294	39.963	ng	98
17) 2-Methylphenol	6.99	107	436008	42.025	ng	99
18) Hexachloroethane	7.24	117	208694	43.070	ng	95
19) n-Nitroso-di-n-propylamine	7.15	70	373968	43.376	ng	96
20) 3+4-Methylphenols	7.14	107	541791	42.698	ng	93
22) Acetophenone	7.14	105	708763	43.121	ng	# 98
24) Nitrobenzene	7.31	77	563894	41.314	ng	99
25) Isophorone	7.56	82	1048116	40.073	ng	99
26) 2-Nitrophenol	7.63	139	296117	43.425	ng	96
27) 2,4-Dimethylphenol	7.67	122	460492	44.776	ng	99
28) bis(2-Chloroethoxy)methane	7.77	93	671218	43.612	ng	99
29) 2,4-Dichlorophenol	7.87	162	454128	43.079	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	488430	40.891	ng	100
31) Naphthalene	8.03	128	1556103	42.136	ng	100
32) Benzoic acid	7.80	122	368005	40.744	ng	96
33) 4-Chloroaniline	8.08	127	412549	25.661	ng	98
34) Hexachlorobutadiene	8.15	225	278105	38.895	ng	98
35) Caprolactam	8.46	113	77510	24.037	ng	93
36) 4-Chloro-3-methylphenol	8.57	107	495279	43.396	ng	95
37) 2-Methylnaphthalene	8.73	142	1051087	41.981	ng	98
38) 1-Methylnaphthalene	8.83	142	1007480	42.692	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	464893	39.681	ng	99

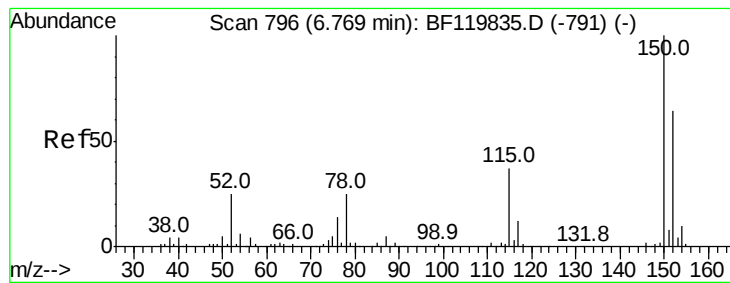
Data Path : Z:\svoasrv\HPCHEM1\BNA F\Data\BF041520\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	8.88	237	578208	86.793	nq	98
43) 2,4,6-Trichlorophenol	9.00	196	339288	41.938	nq	100
44) 2,4,5-Trichlorophenol	9.05	196	358075	39.297	nq	98
46) 1,1'-Biphenyl	9.19	154	1290756	41.227	nq	99
47) 2-Chloronaphthalene	9.22	162	1002651	41.572	nq	99
48) 2-Nitroaniline	9.32	65	349691	40.009	nq	93
49) Acenaphthylene	9.63	152	1552100	42.315	nq	99
50) Dimethylphthalate	9.50	163	1180455	41.144	nq	100
51) 2,6-Dinitrotoluene	9.56	165	264541	42.105	nq	95
52) Acenaphthene	9.80	154	940066	38.420	nq	99
53) 3-Nitroaniline	9.73	138	187236	26.093	nq	92
54) 2,4-Dinitrophenol	9.83	184	312779	83.152	nq	# 91
55) Dibenzofuran	9.97	168	1421103	42.325	nq	99
56) 4-Nitrophenol	9.90	139	432890	81.080	nq	95
57) 2,4-Dinitrotoluene	9.96	165	344574	41.627	nq	96
58) Fluorene	10.32	166	1086531	40.463	nq	98
59) 2,3,4,6-Tetrachlorophenol	10.09	232	304633	43.713	nq	98
60) Diethylphthalate	10.20	149	1221344	41.072	nq	99
61) 4-Chlorophenyl-phenylether	10.31	204	523512	38.038	nq	95
62) 4-Nitroaniline	10.35	138	279526	40.876	nq	97
63) Azobenzene	10.47	77	1148234	43.087	nq	97
65) 4,6-Dinitro-2-methylphenol	10.37	198	203406	43.818	nq	97
66) n-Nitrosodiphenylamine	10.43	169	995701	42.490	nq	99
67) 4-Bromophenyl-phenylether	10.80	248	331712	37.855	nq	95
68) Hexachlorobenzene	10.87	284	355352	39.975	nq	97
69) Atrazine	10.96	200	308791	47.361	nq	98
70) Pentachlorophenol	11.06	266	391352	76.395	nq	99
71) Phenanthrene	11.28	178	1588818	42.368	nq	97
72) Anthracene	11.33	178	1616644	42.200	nq	100
73) Carbazole	11.49	167	1495944	41.293	nq	99
74) Di-n-butylphthalate	11.82	149	1931963	40.566	nq	99
75) Fluoranthene	12.47	202	1712884	42.333	nq	98
77) Benzidine	12.59	184	895263	53.077	nq	96
78) Pyrene	12.70	202	1729111	41.105	nq	99
80) Butylbenzylphthalate	13.32	149	797042	39.048	nq	99
81) Benzo(a)anthracene	13.89	228	1364543	41.568	nq	99
82) 3,3'-Dichlorobenzidine	13.85	252	338099	27.604	nq	98
83) Chrysene	13.92	228	1410887	42.299	nq	99
84) Bis(2-ethylhexyl)phthalate	13.89	149	1046363	37.855	nq	98
85) Di-n-octyl phthalate	14.50	149	1828795	38.857	nq	97
86) Indeno(1,2,3-cd)pyrene	16.70	276	1126918	38.328	nq	97
88) Benzo(b)fluoranthene	14.91	252	1362280	43.492	nq	# 98
89) Benzo(k)fluoranthene	14.91	252	1362280	50.407	nq	98
90) Benzo(a)pyrene	15.26	252	1107872	42.067	nq	# 97
91) Dibenzo(a,h)anthracene	16.72	278	946542	40.575	nq	98
92) Benzo(g,h,i)perylene	17.12	276	904433	39.277	nq	98

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.73 min Scan# 789

Delta R.T. -0.00 min

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PB128214BS

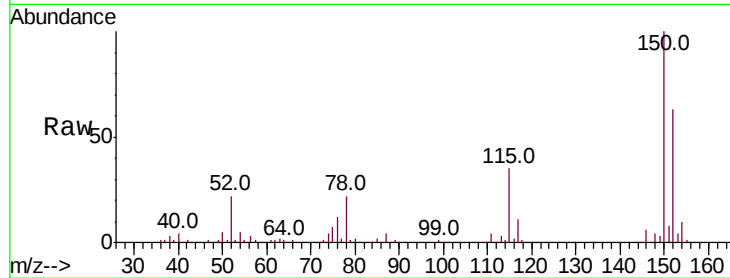
Tot Ion:152 Resp: 179816

Ion Ratio Lower Upper

152 100

150 158.6 124.8 187.2

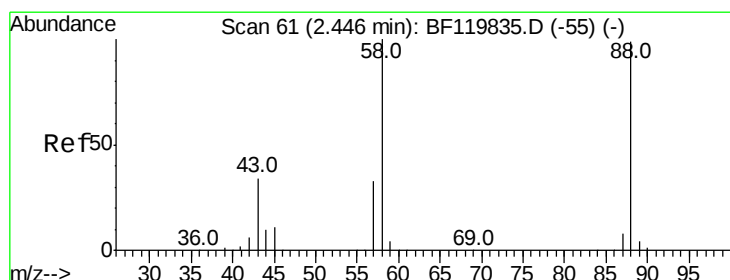
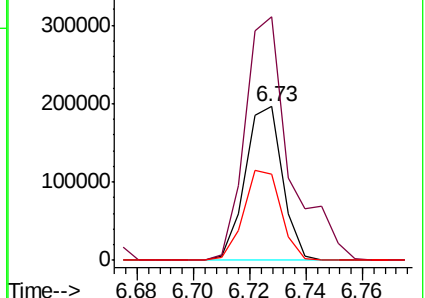
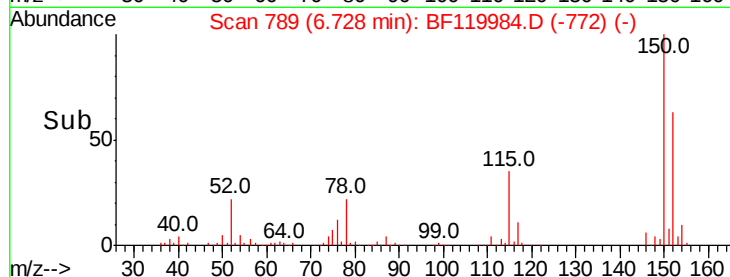
115 55.8 46.5 69.7



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



#2

1,4-Dioxane

Concen: 39.038 ng

RT: 2.44 min Scan# 60

Delta R.T. 0.06 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

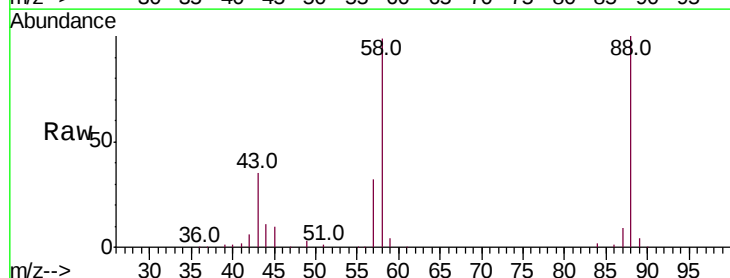
Tgt Ion: 88 Resp: 180917

Ion Ratio Lower Upper

88 100

58 98.9 82.6 123.8

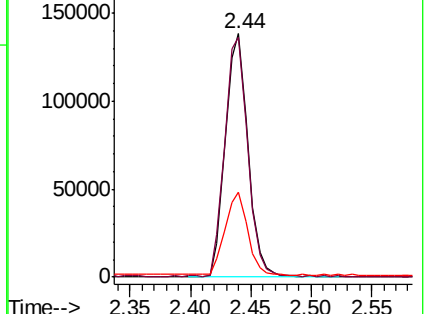
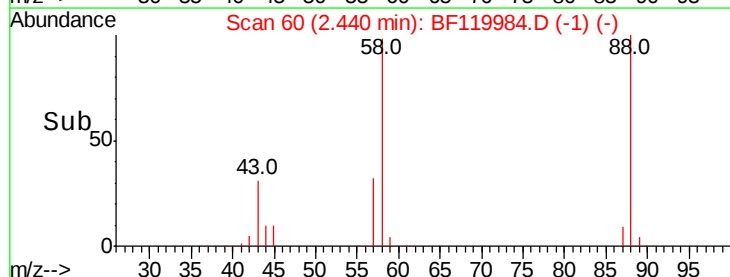
43 33.5 28.6 42.8

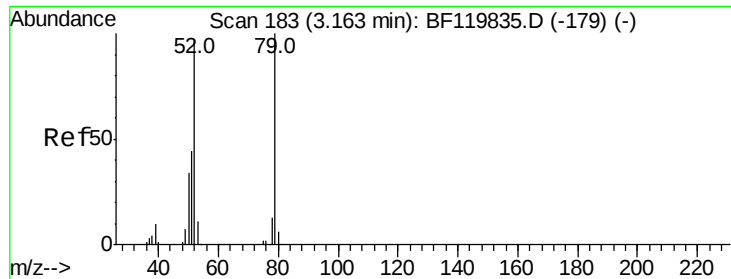


Abundance Ion 88.00 (87.70 to 88.70): BF1

Ion 58.00 (57.70 to 58.70): BF1

Ion 43.00 (42.70 to 43.70): BF1

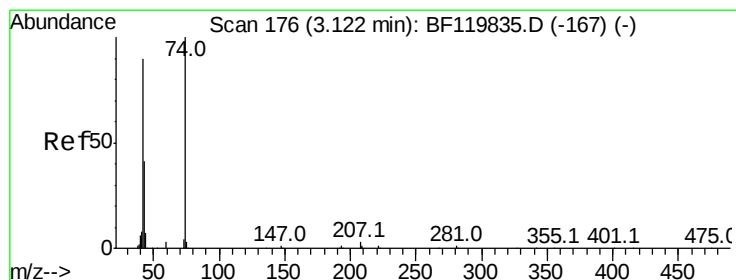
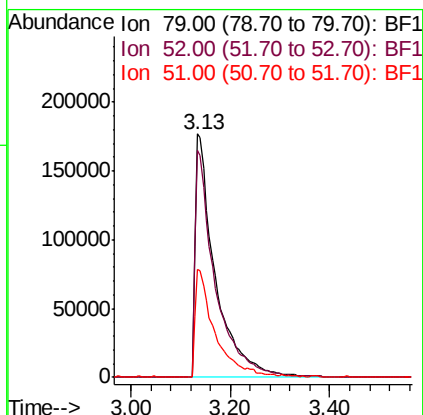
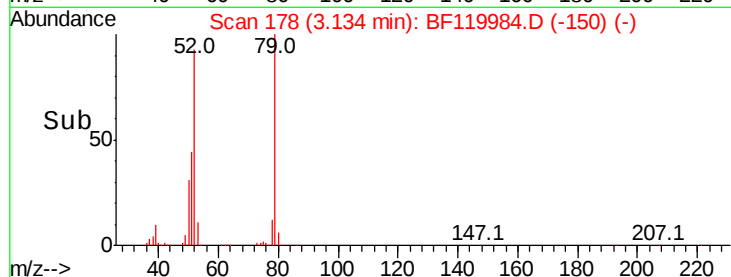
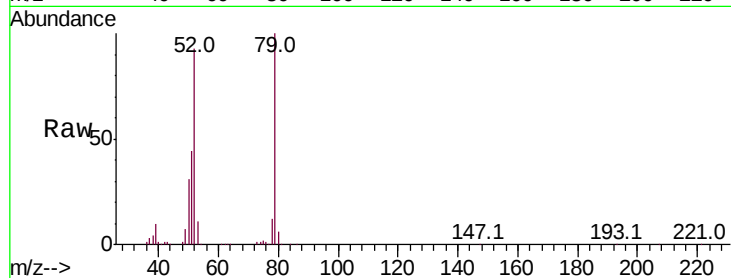




#3
 Pvridine
 Concen: 39.142 ng
 RT: 3.13 min Scan# 178
 Delta R.T. 0.06 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

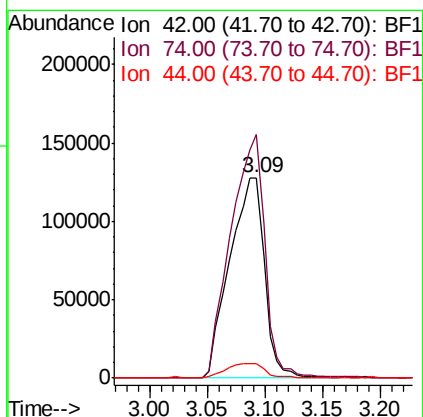
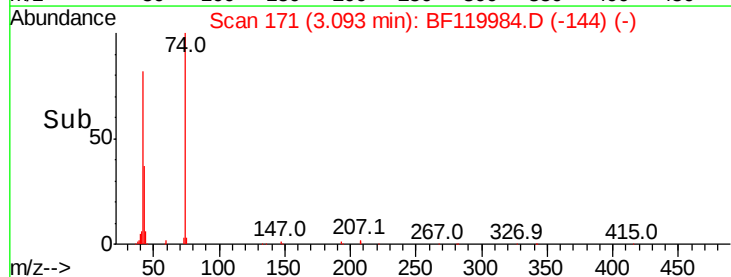
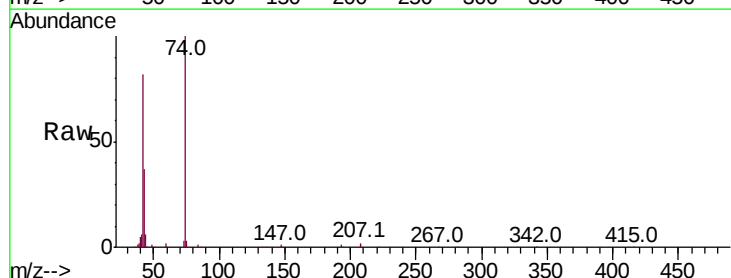
Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

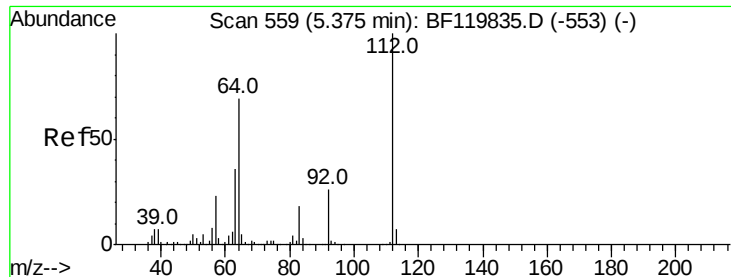
Tot Ion: 79 Resp: 497697
 Ion Ratio Lower Upper
 79 100
 52 93.1 77.4 116.0
 51 44.4 35.3 52.9



#4
 n-Nitrosodimethylamine
 Concen: 41.188 ng
 RT: 3.09 min Scan# 171
 Delta R.T. 0.06 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Tgt Ion: 42 Resp: 267578
 Ion Ratio Lower Upper
 42 100
 74 121.6 89.0 133.4
 44 7.5 6.2 9.4





#5

2-Fluorophenol

Concen: 125.872 ng

RT: 5.34 min Scan# 553

Delta R.T. 0.01 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB128214BS

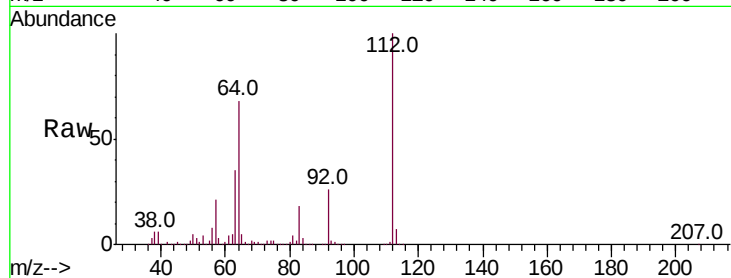
Tot Ion:112 Resp: 1309688

Ion Ratio Lower Upper

112 100

64 67.7 55.5 83.3

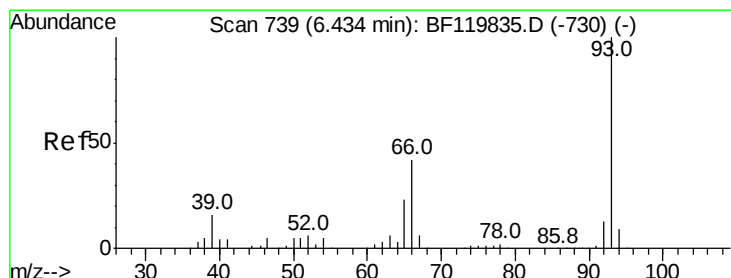
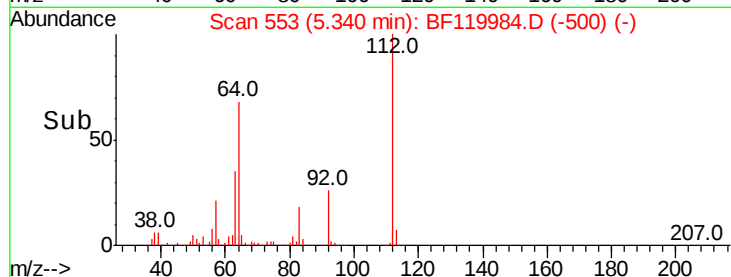
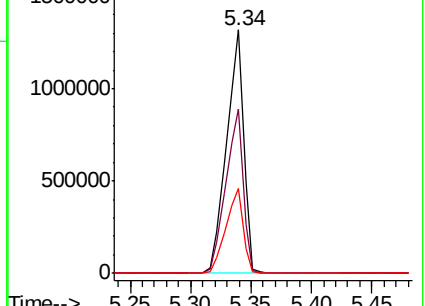
63 34.9 29.1 43.7



Abundance Ion 112.00 (111.70 to 112.70): BF1

Ion 64.00 (63.70 to 64.70): BF1

Ion 63.00 (62.70 to 63.70): BF1



#6

Aniline

Concen: 36.093 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

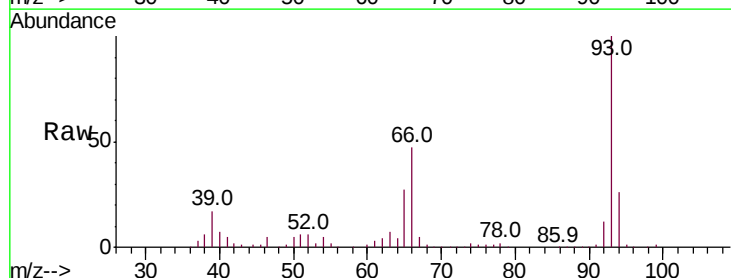
Tgt Ion: 93 Resp: 635131

Ion Ratio Lower Upper

93 100

66 47.3 34.2 51.2

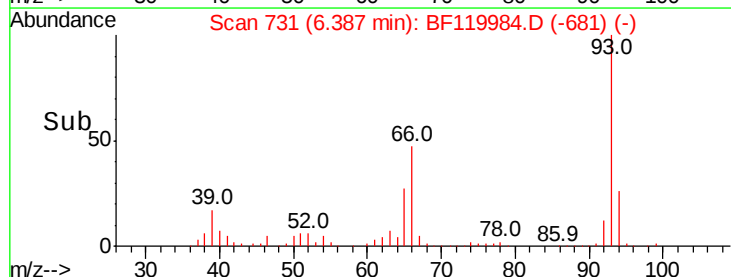
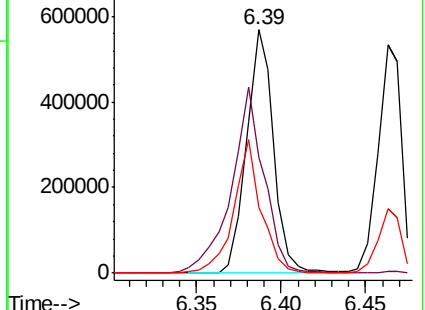
65 26.9 18.3 27.5

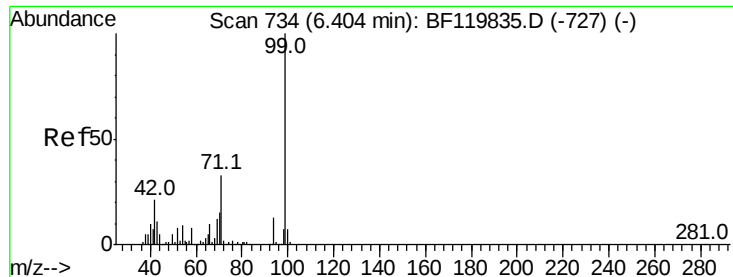


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

Ion 65.00 (64.70 to 65.70): BF1





#7

Phenol-d6

Concen: 125.023 ng

RT: 6.37 min Scan# 728

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

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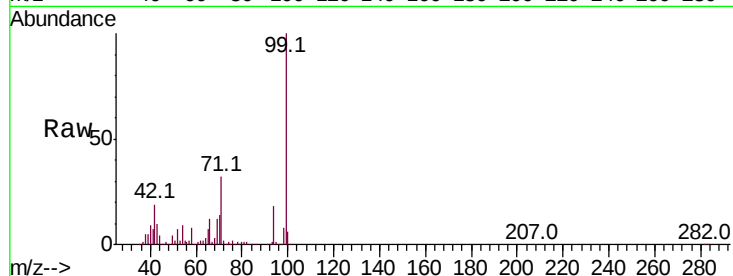
Tot Ion: 99 Resp: 1676210

Ion Ratio Lower Upper

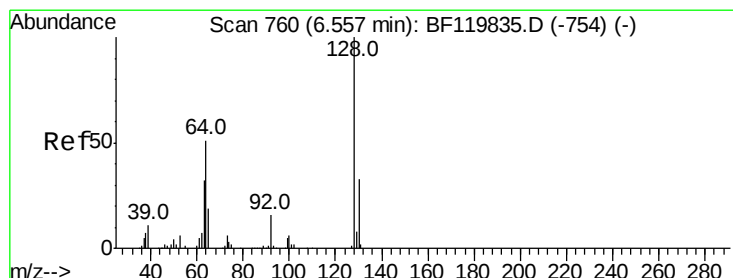
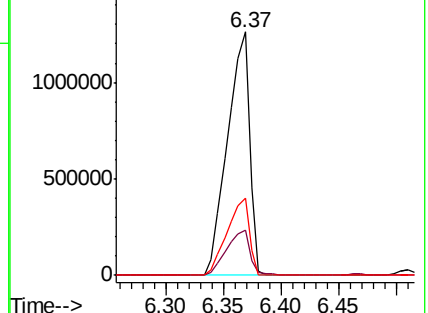
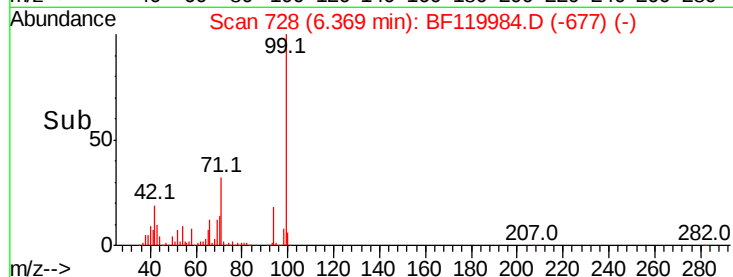
99 100

42 18.8 16.9 25.3

71 31.8 26.3 39.5



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: 47.607 ng

RT: 6.51 min Scan# 752

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

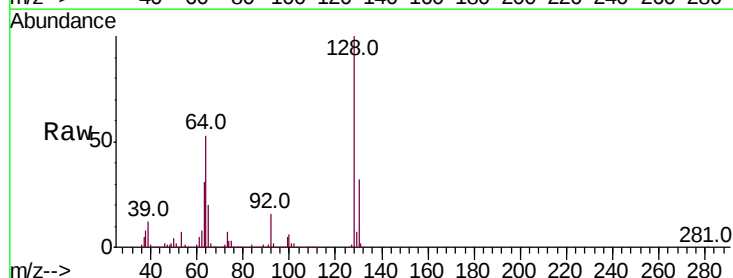
Tgt Ion:128 Resp: 553459

Ion Ratio Lower Upper

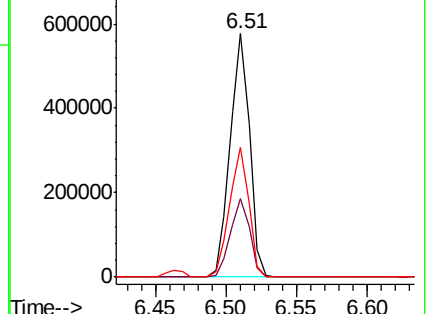
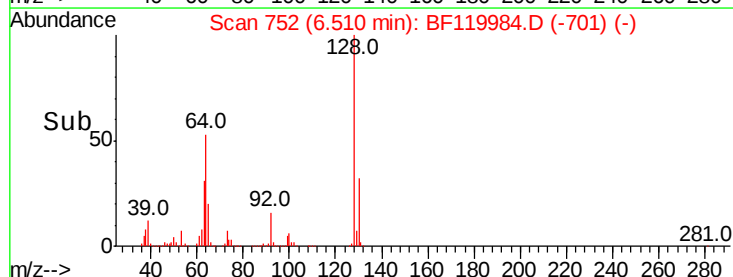
128 100

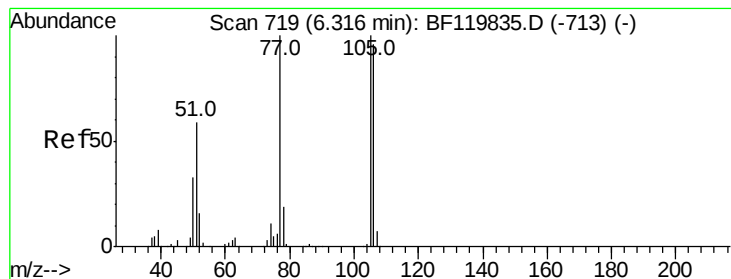
130 32.2 12.6 52.6

64 53.2 32.0 72.0



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: 31.035 ng

RT: 6.27 min Scan# 711

Delta R.T. -0.01 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

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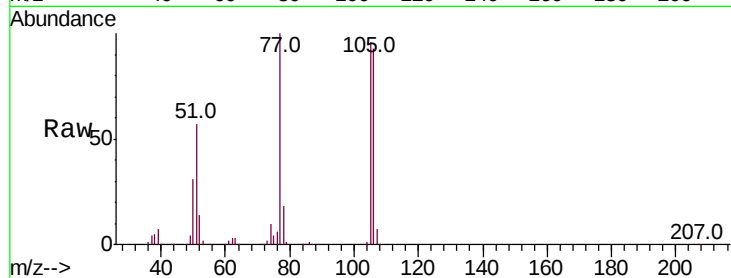
Tot Ion: 77 Resp: 246246

Ion Ratio Lower Upper

77 100

105 95.7 79.9 119.9

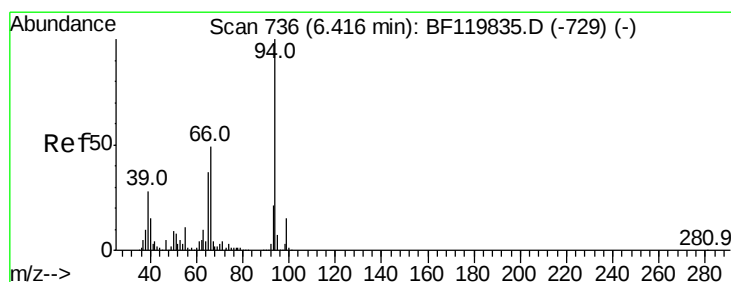
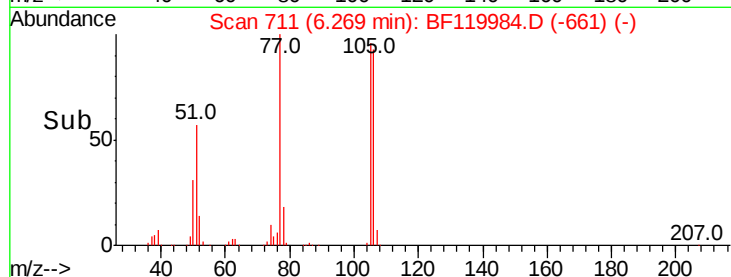
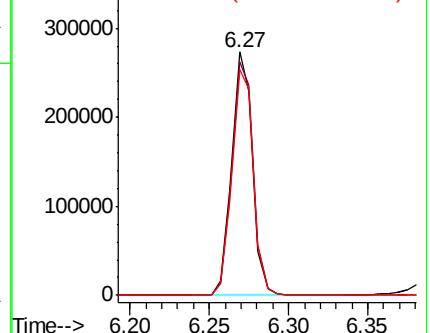
106 92.9 76.4 116.4



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: 44.863 ng

RT: 6.38 min Scan# 730

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

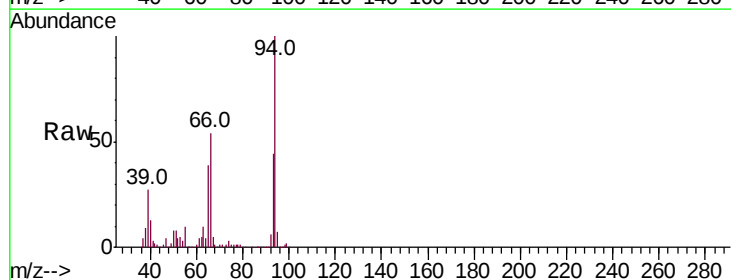
Tgt Ion: 94 Resp: 682391

Ion Ratio Lower Upper

94 100

65 38.6 16.6 56.6

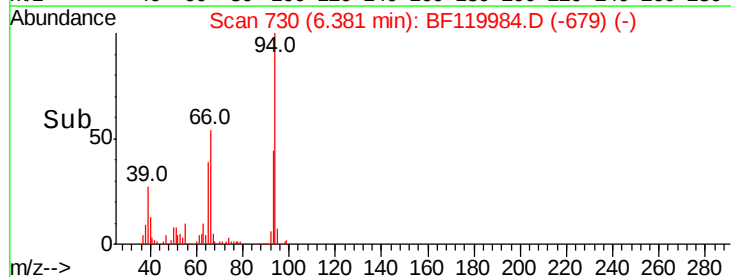
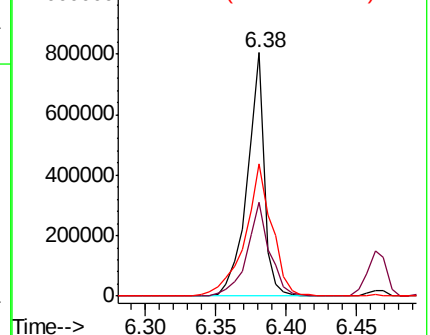
66 54.2 29.3 69.3

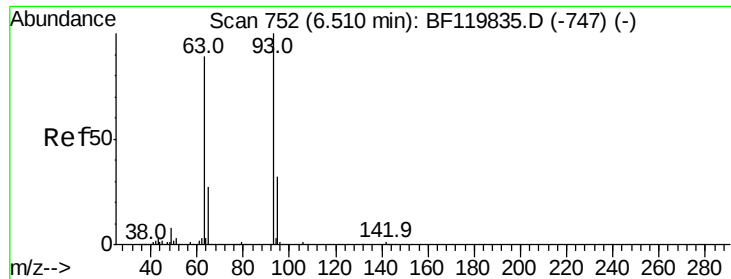


Abundance Ion 94.00 (93.70 to 94.70): BF1

Ion 65.00 (64.70 to 65.70): BF1

Ion 66.00 (65.70 to 66.70): BF1

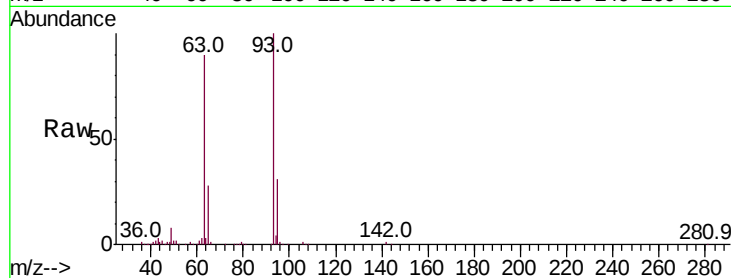




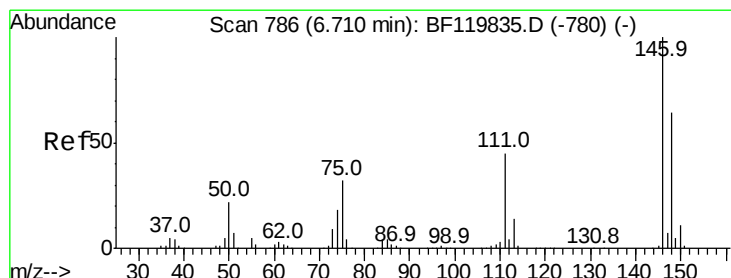
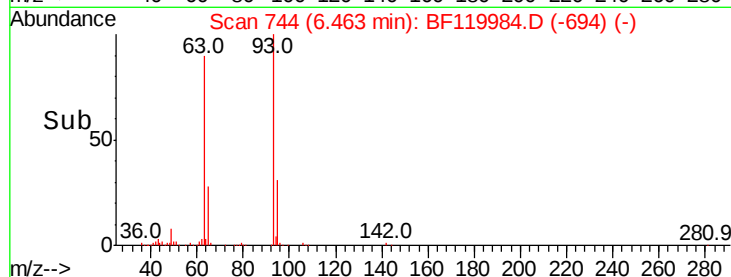
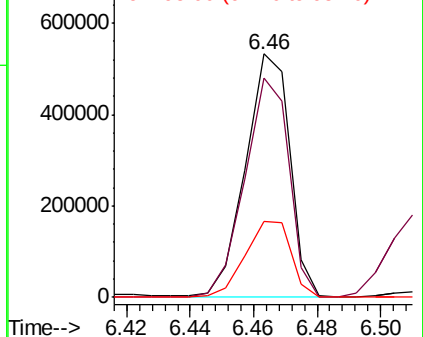
#11
bis(2-Chloroethyl)ether
Concen: 43.958 ng
RT: 6.46 min Scan# 744
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion: 93 Resp: 516253
Ion Ratio Lower Upper
93 100
63 90.3 69.1 109.1
95 31.4 12.3 52.3

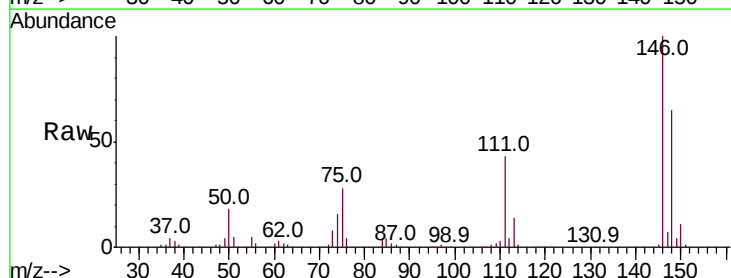


Abundance Ion 93.00 (92.70 to 93.70): BF1
Ion 63.00 (62.70 to 63.70): BF1
Ion 95.00 (94.70 to 95.70): BF1

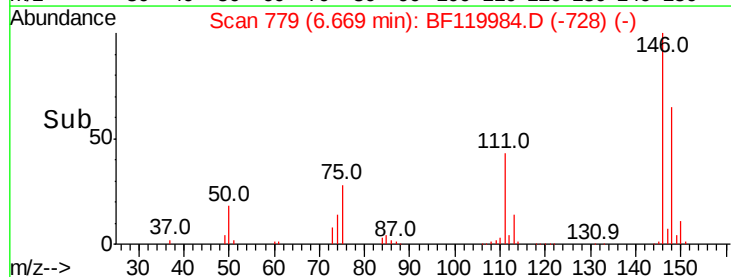
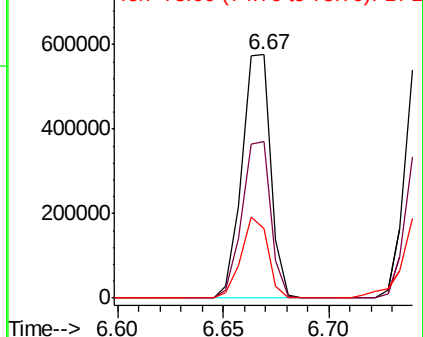


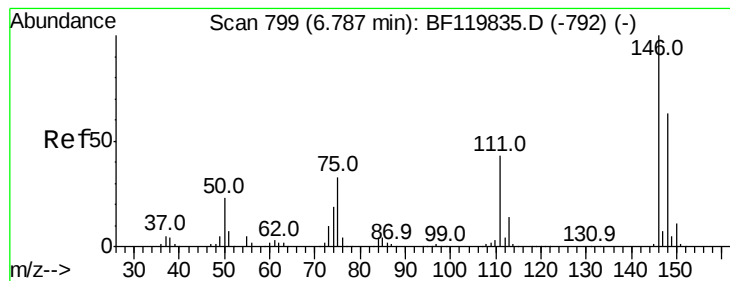
#12
1,3-Dichlorobenzene
Concen: 42.792 ng
RT: 6.67 min Scan# 779
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion: 146 Resp: 544643
Ion Ratio Lower Upper
146 100
148 64.5 51.3 76.9
75 28.3 25.3 37.9



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BF1





#13

1,4-Dichlorobenzene

Concen: 42.628 ng

RT: 6.75 min Scan# 792

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB128214BS

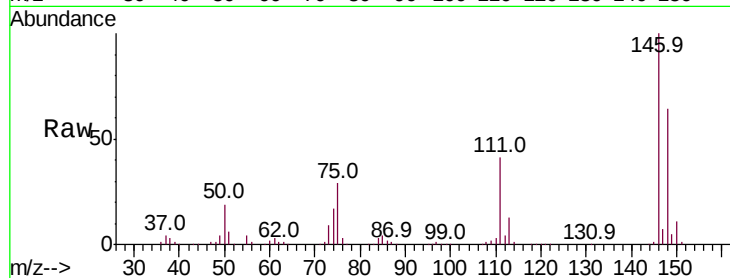
Tot Ion:146 Resp: 552688

Ion Ratio Lower Upper

146 100

148 63.5 50.5 75.7

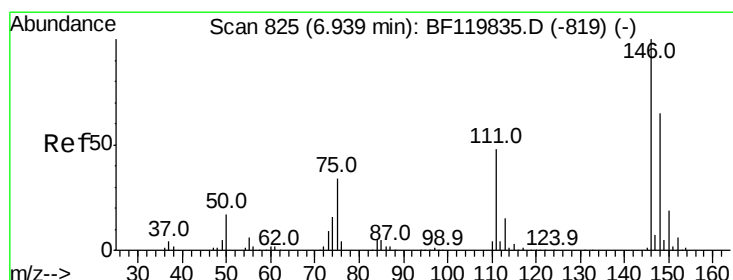
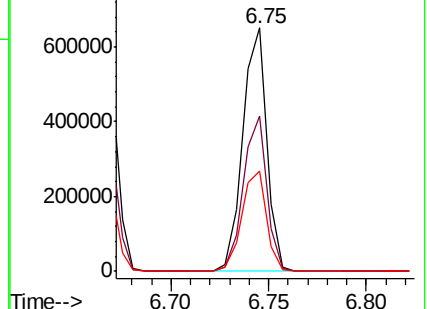
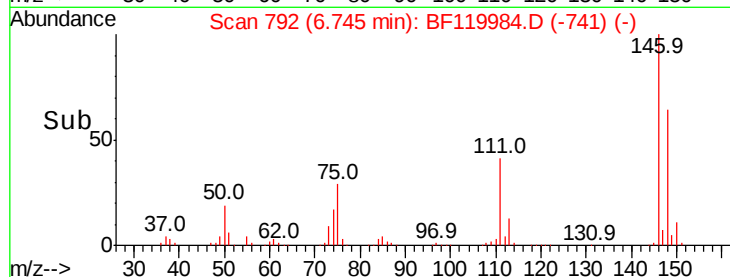
111 41.2 34.7 52.1



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 43.602 ng

RT: 6.90 min Scan# 818

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

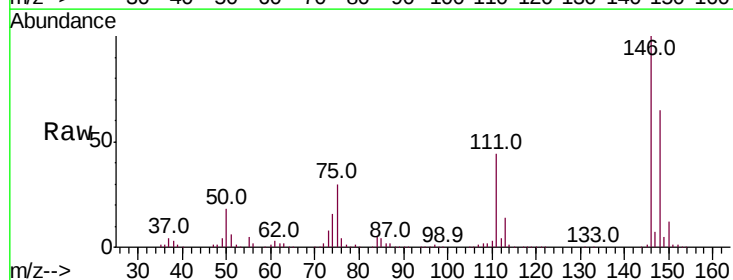
Tgt Ion:146 Resp: 520987

Ion Ratio Lower Upper

146 100

148 65.3 51.8 77.8

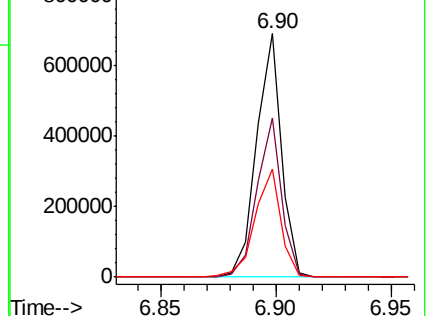
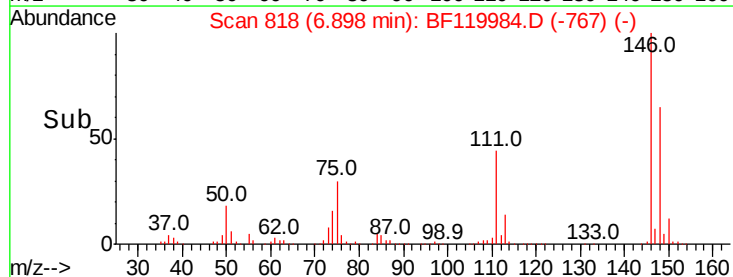
111 44.2 38.0 57.0

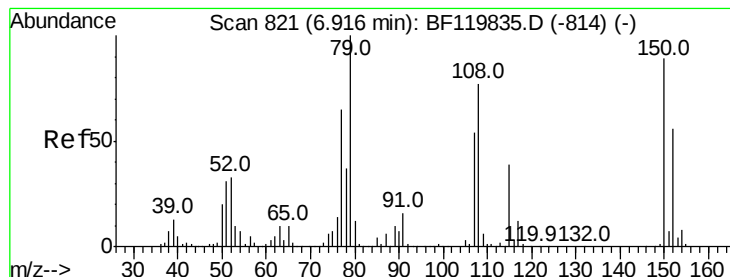


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 42.403 ng

RT: 6.87 min Scan# 814

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB128214BS

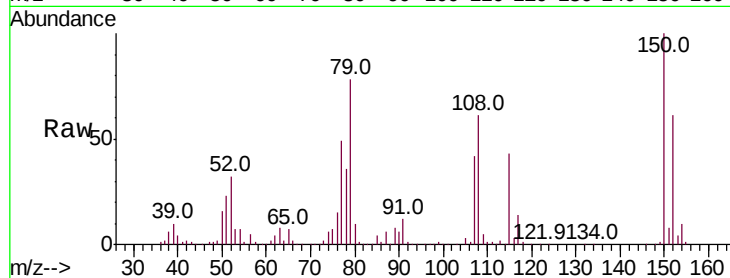
Tot Ion: 79 Resp: 441563

Ion Ratio Lower Upper

79 100

108 78.1 62.0 93.0

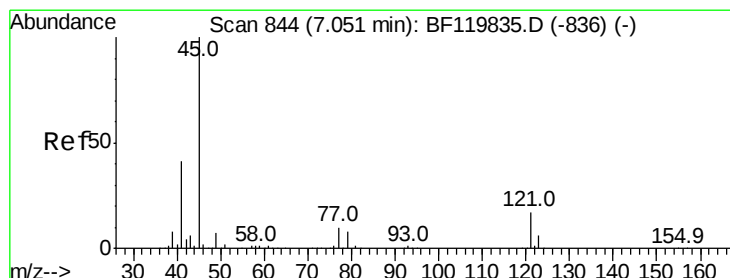
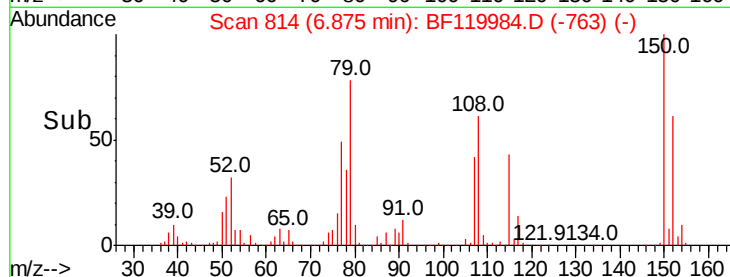
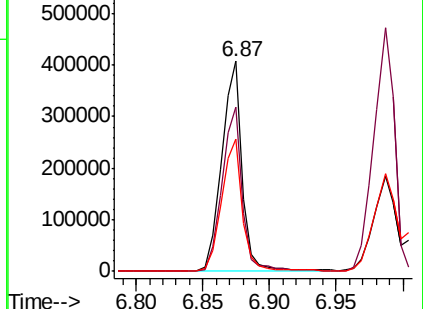
77 62.9 51.8 77.6



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: 39.963 ng

RT: 7.01 min Scan# 837

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

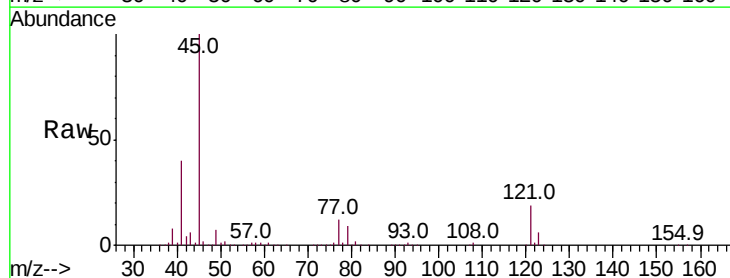
Tgt Ion: 45 Resp: 913294

Ion Ratio Lower Upper

45 100

77 11.6 0.0 30.7

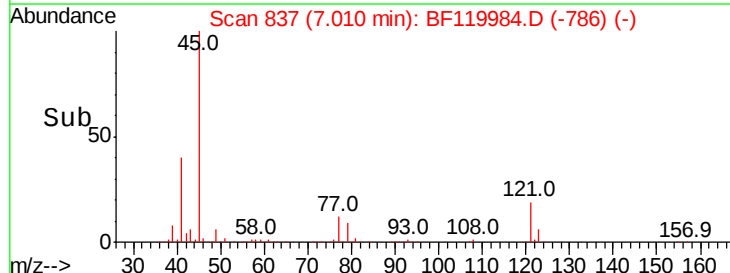
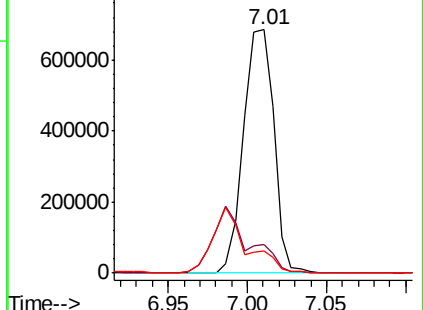
79 9.0 0.0 28.6

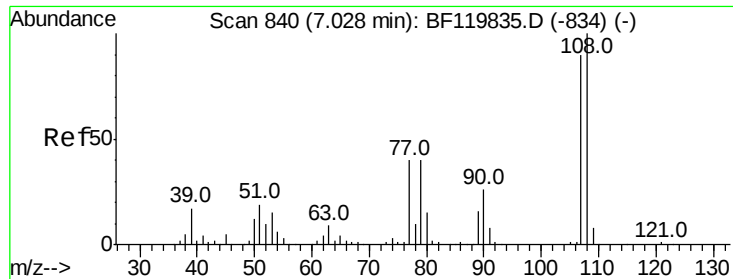


Abundance Ion 45.00 (44.70 to 45.70): BF1

Ion 77.00 (76.70 to 77.70): BF1

Ion 79.00 (78.70 to 79.70): BF1





#17

2-Methylphenol

Concen: 42.025 ng

RT: 6.99 min Scan# 833

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB128214BS

Tot Ion:107 Resp: 436008

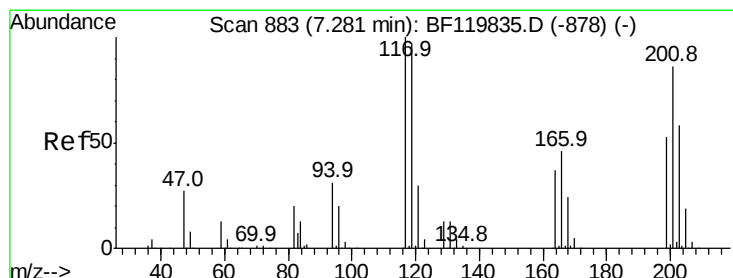
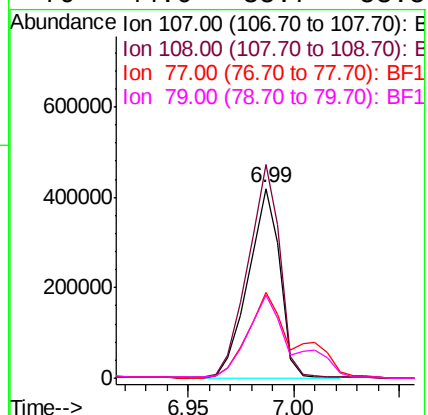
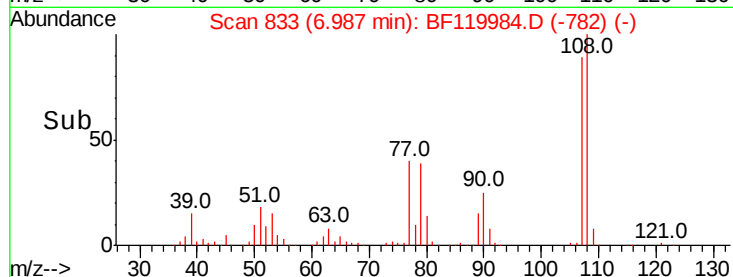
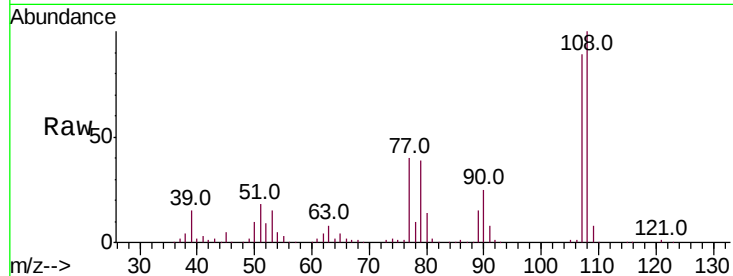
Ion Ratio Lower Upper

107 100

108 112.6 88.8 133.2

77 45.1 36.0 54.0

79 44.0 35.7 53.5



#18

Hexachloroethane

Concen: 43.070 ng

RT: 7.24 min Scan# 876

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

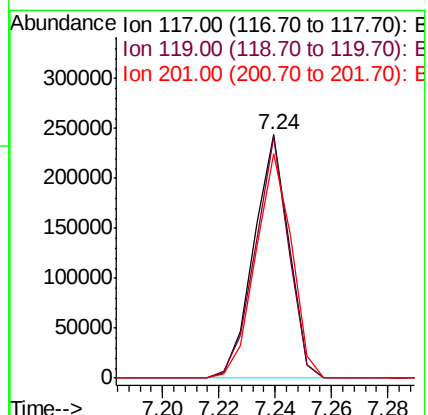
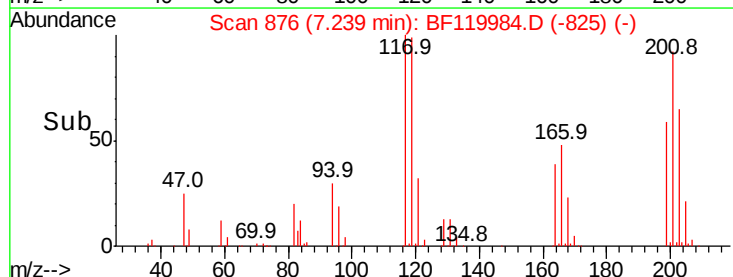
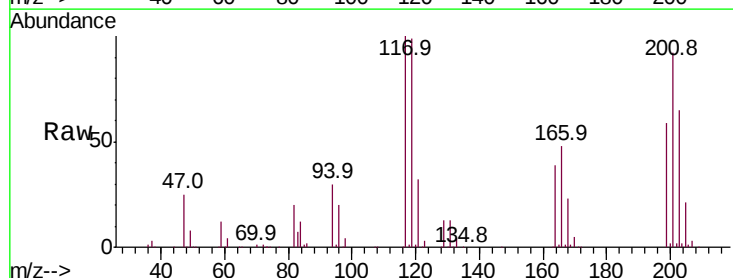
Tgt Ion:117 Resp: 208694

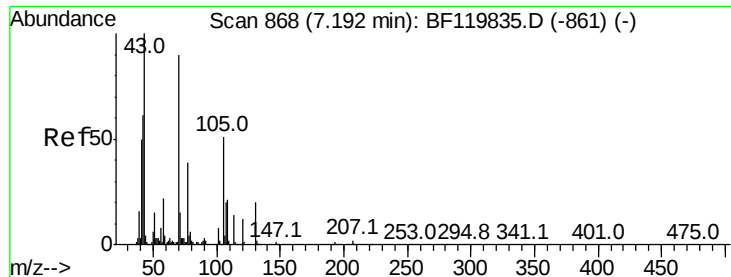
Ion Ratio Lower Upper

117 100

119 98.8 77.4 116.0

201 92.3 68.4 102.6

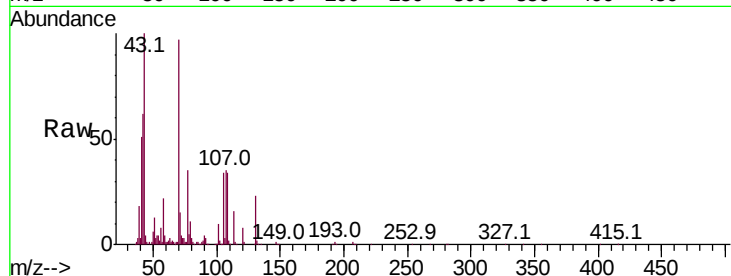




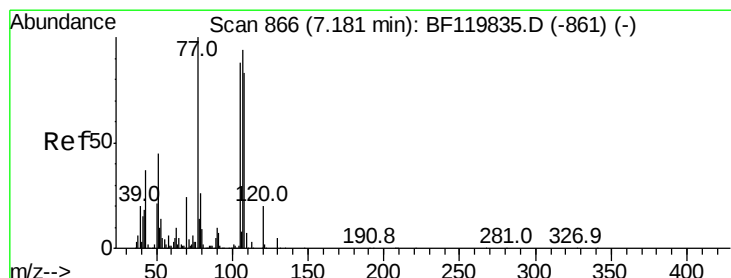
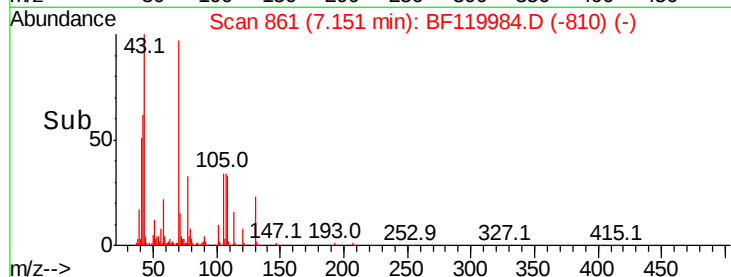
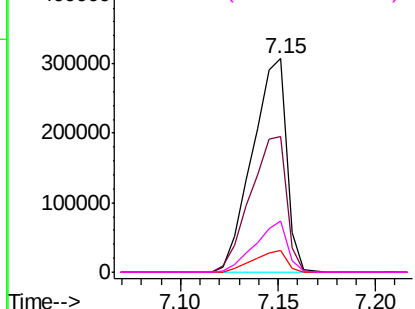
#19
n-Nitroso-di-n-propylamine
Concen: 43.376 ng
RT: 7.15 min Scan# 861
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion:	70	Resp:	373968
Ion	Ratio	Lower	Upper
70	100		
42	63.6	54.2	81.4
101	10.2	7.4	11.2
130	23.8	17.8	26.6

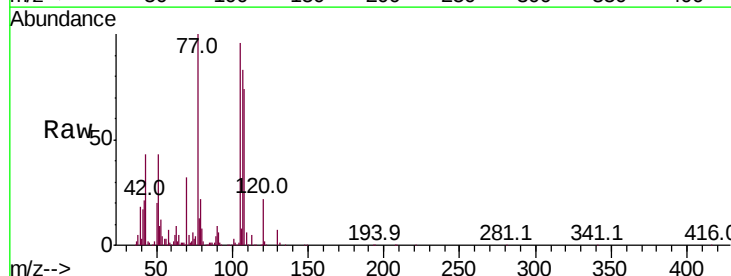


Abundance Ion 70.00 (69.70 to 70.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

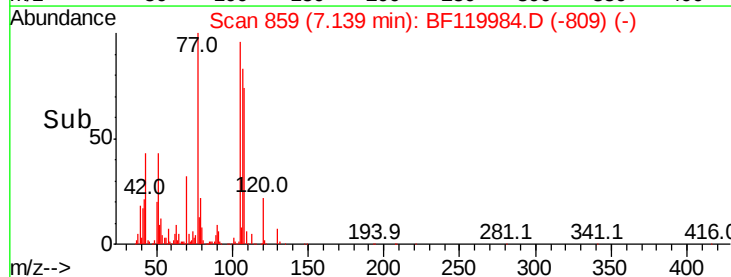
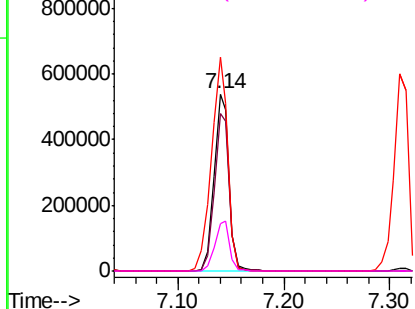


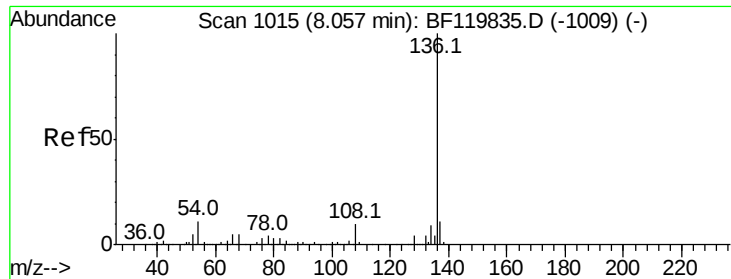
#20
3+4-Methylphenols
Concen: 42.698 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion:	107	Resp:	541791
Ion	Ratio	Lower	Upper
107	100		
108	88.8	68.2	108.2
77	120.7	86.6	126.6
79	27.0	7.7	47.7



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BF1
Ion 79.00 (78.70 to 79.70): BF1

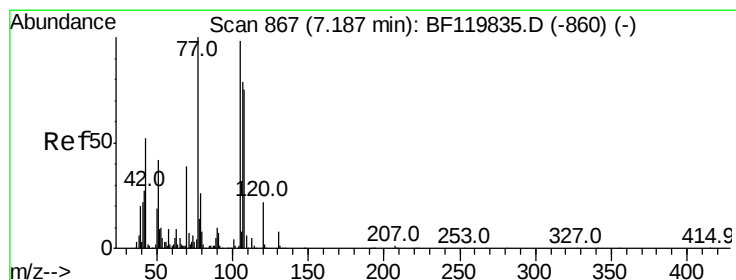
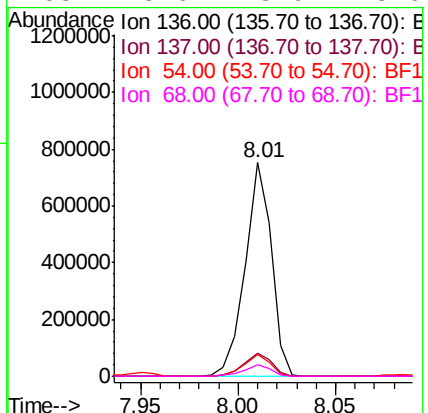
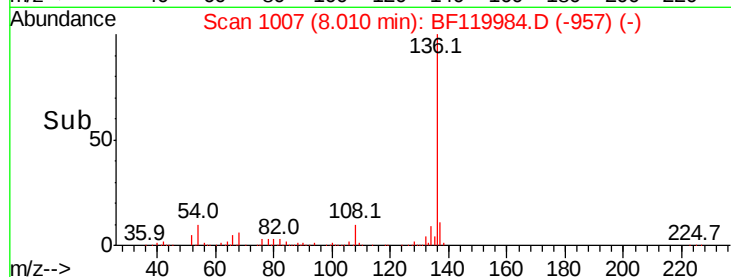
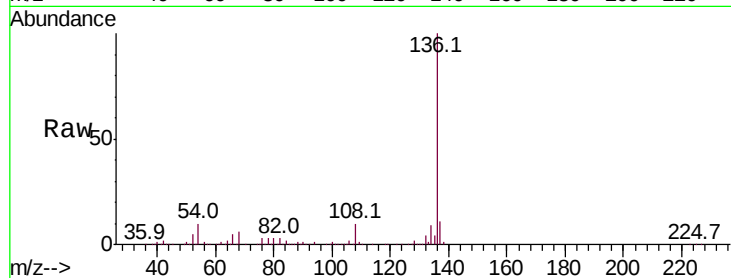




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.01 min Scan# 1007
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

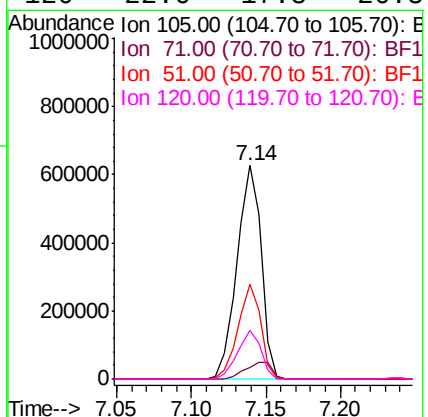
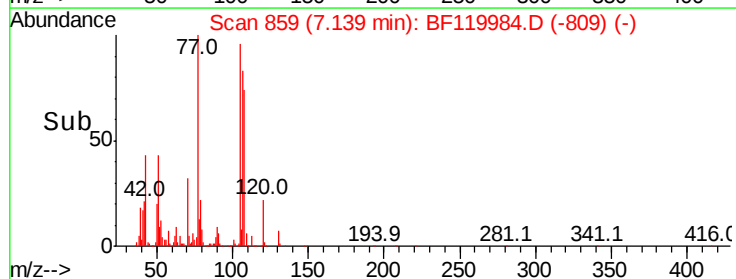
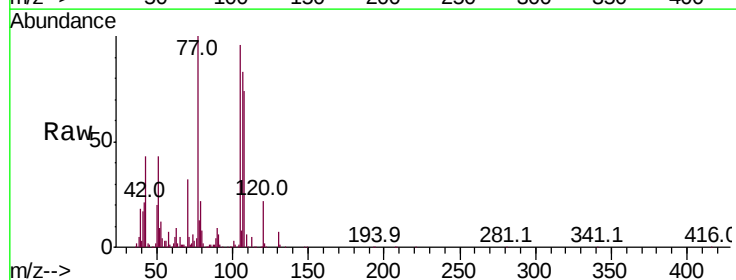
Instrument :
BNA_F
ClientSampleId :
PB128214BS

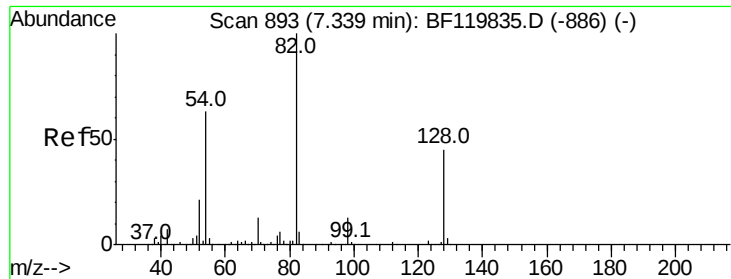
Tot Ion:136	Resp:	701921
Ion Ratio	Lower	Upper
136	100	
137	10.9	8.7 13.1
54	10.4	8.5 12.7
68	5.6	3.9 5.9



#22
Acetophenone
Concen: 43.121 ng
RT: 7.14 min Scan# 859
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion:105	Resp:	708763
Ion Ratio	Lower	Upper
105	100	
71	5.3	5.6 8.4#
51	44.4	33.9 50.9
120	22.6	17.8 26.8

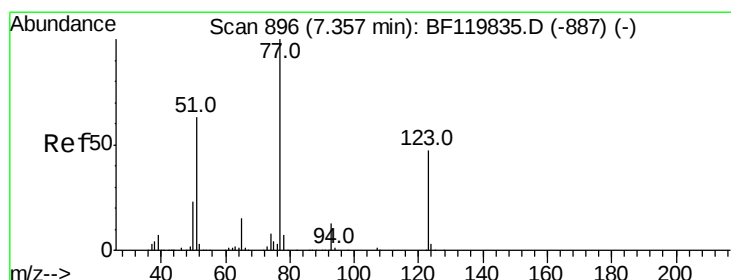
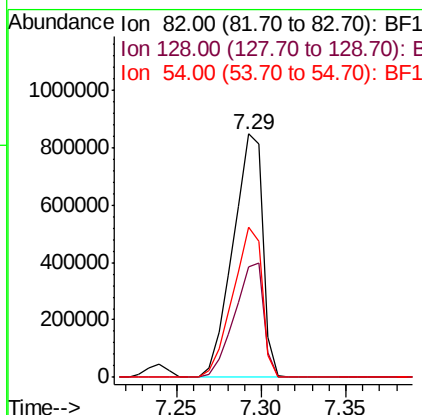
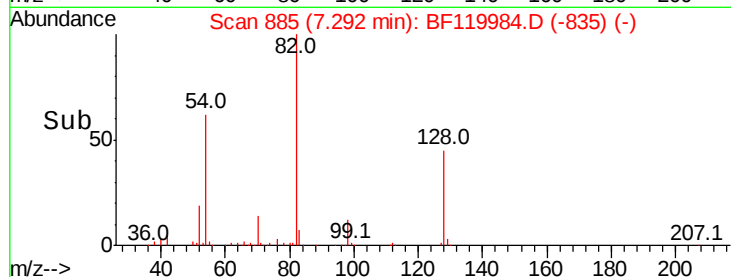
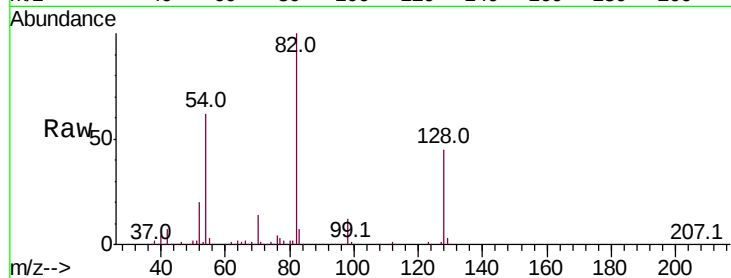




#23
Nitrobenzene-d5
Concen: 76.681 ng
RT: 7.29 min Scan# 885
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

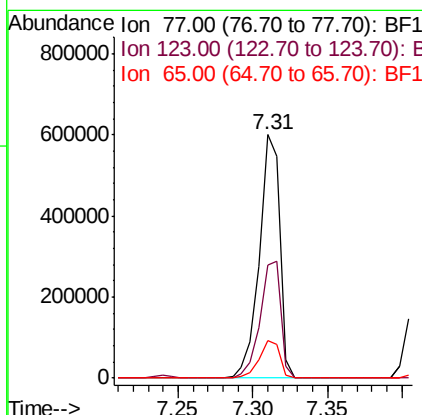
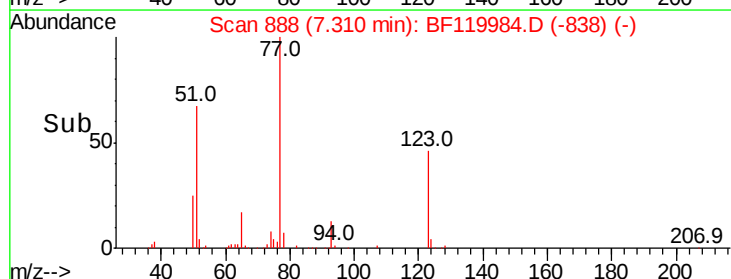
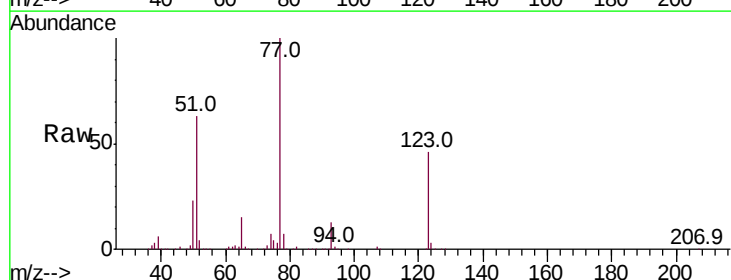
Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion: 82 Resp: 1040410
Ion Ratio Lower Upper
82 100
128 45.1 36.2 54.4
54 61.9 50.4 75.6



#24
Nitrobenzene
Concen: 41.314 ng
RT: 7.31 min Scan# 888
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion: 77 Resp: 563894
Ion Ratio Lower Upper
77 100
123 46.3 37.8 56.8
65 15.3 12.2 18.2





#25

Isophorone

Concen: 40.073 ng

RT: 7.56 min Scan# 930

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB128214BS

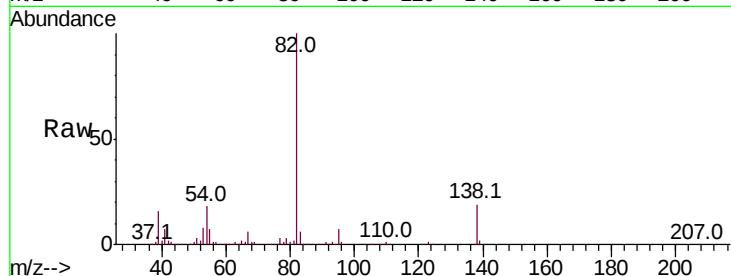
Tot Ion: 82 Resp: 1048116

Ion Ratio Lower Upper

82 100

95 7.1 5.8 8.6

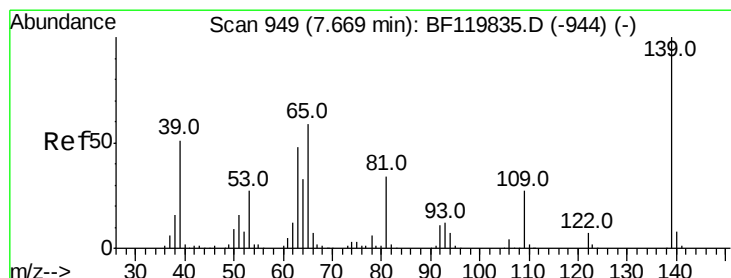
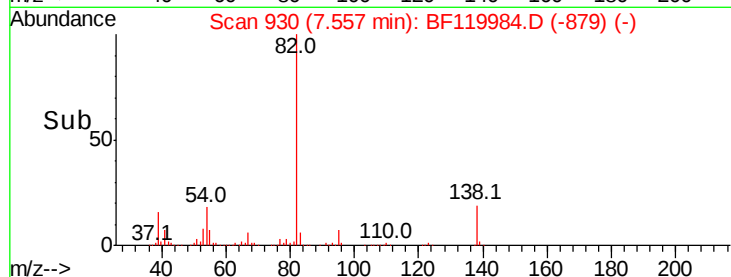
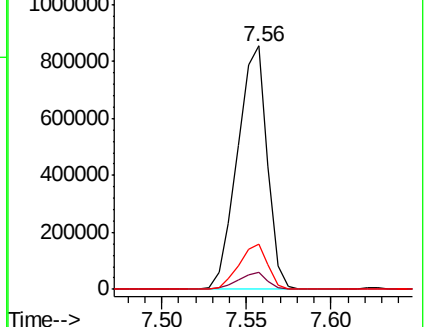
138 18.6 14.5 21.7



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: 43.425 ng

RT: 7.63 min Scan# 942

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

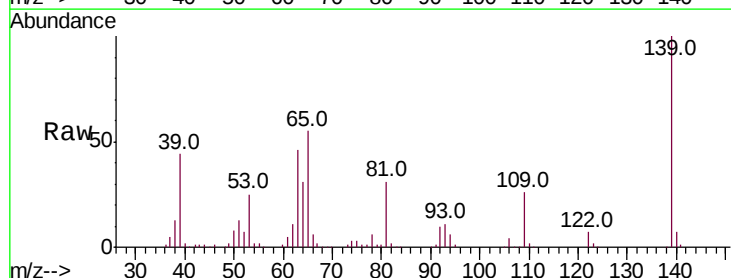
Tgt Ion:139 Resp: 296117

Ion Ratio Lower Upper

139 100

109 26.3 21.8 32.6

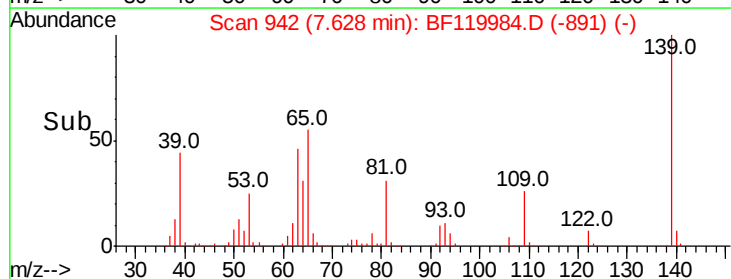
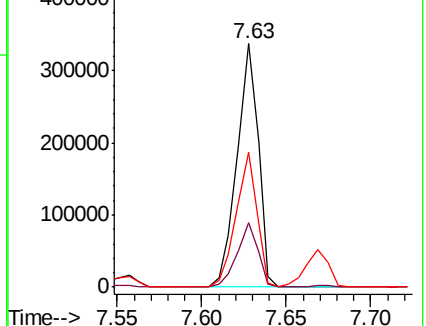
65 55.4 47.0 70.4

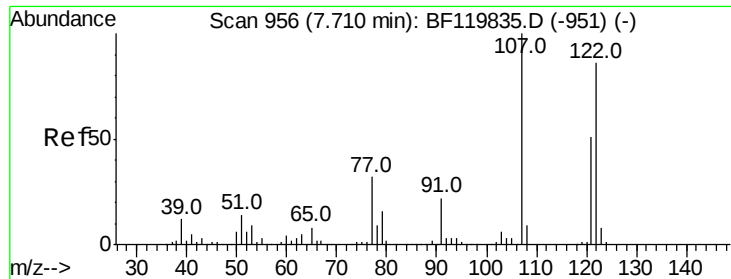


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1





#27

2,4-Dimethylphenol

Concen: 44.776 ng

RT: 7.67 min Scan# 949

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB128214BS

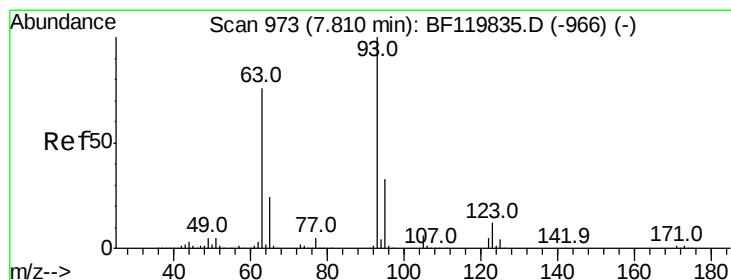
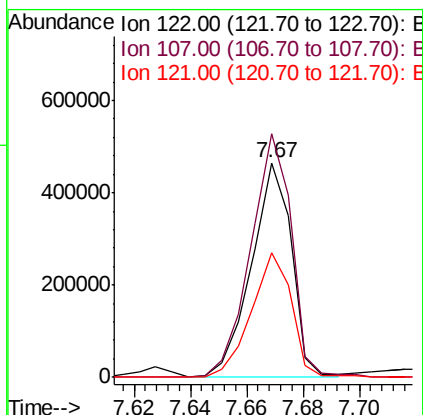
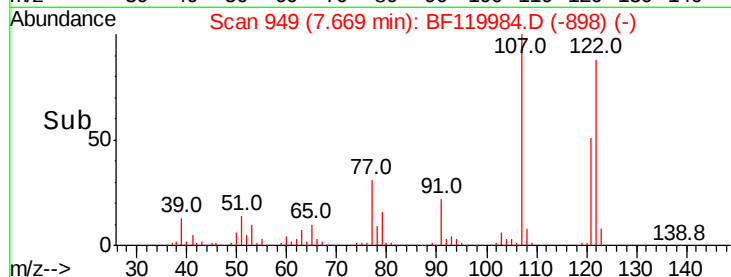
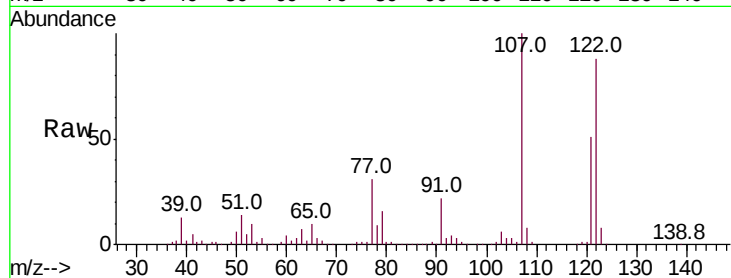
Tot Ion:122 Resp: 460492

Ion Ratio Lower Upper

122 100

107 113.5 92.3 138.5

121 58.0 46.6 70.0



#28

bis(2-Chloroethoxy)methane

Concen: 43.612 ng

RT: 7.77 min Scan# 966

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

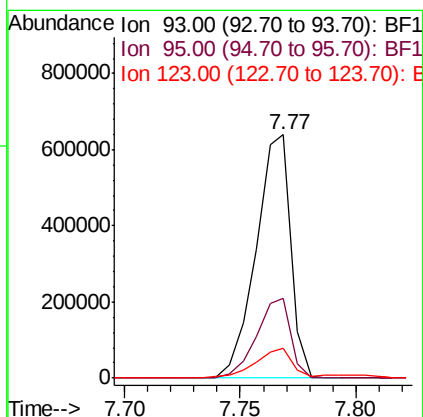
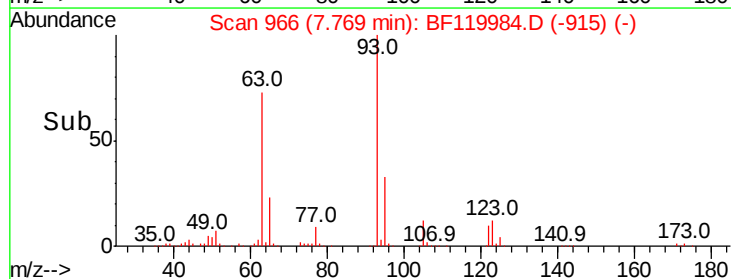
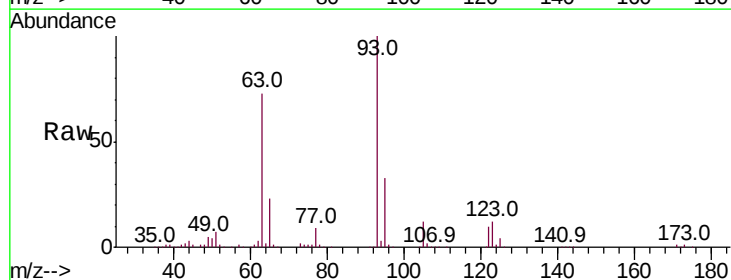
Tgt Ion: 93 Resp: 671218

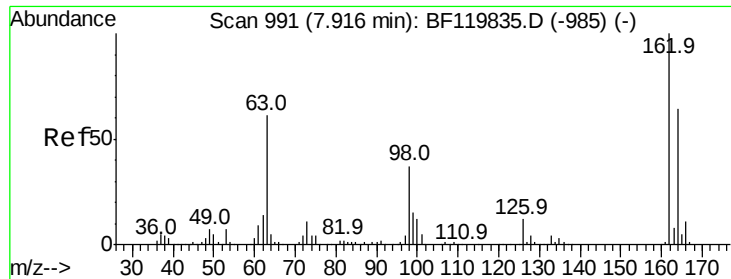
Ion Ratio Lower Upper

93 100

95 32.6 26.4 39.6

123 12.1 9.7 14.5

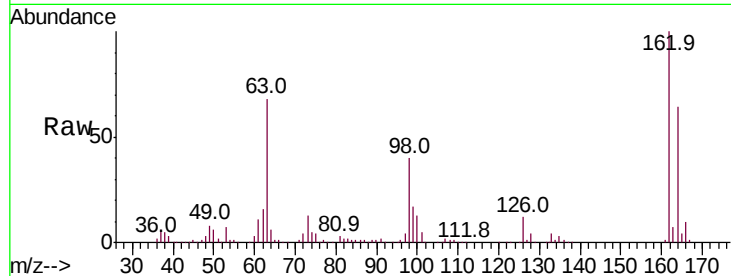




#29
 2,4-Dichlorophenol
 Concen: 43.079 ng
 RT: 7.87 min Scan# 983
 Delta R.T. -0.01 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.9	44.4	84.4
98	39.9	17.3	57.3

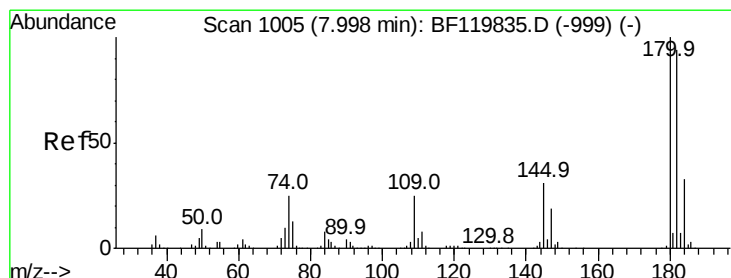
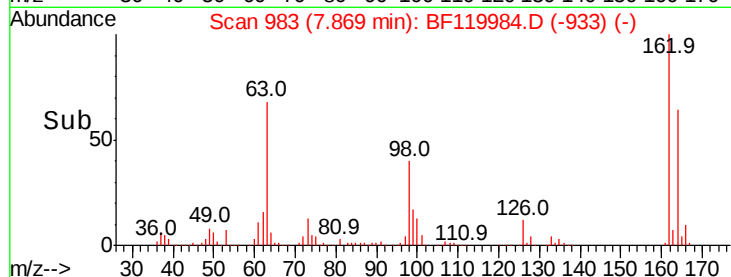
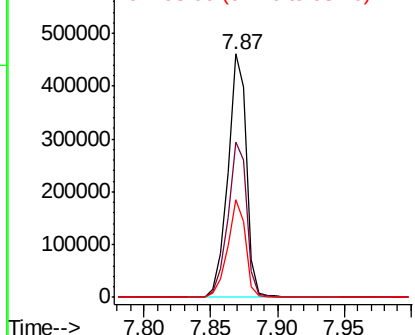


Abundance

Ion 162.00 (161.70 to 162.70): E

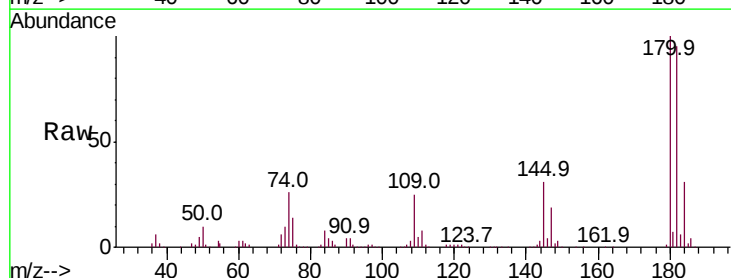
Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): BF1



#30
 1,2,4-Trichlorobenzene
 Concen: 40.891 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.5	75.4	113.0
145	31.2	24.6	37.0

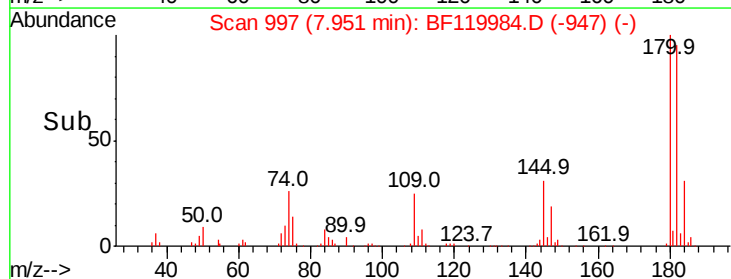
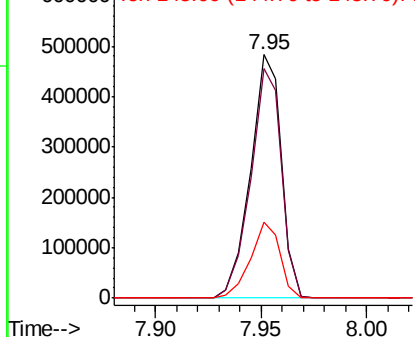


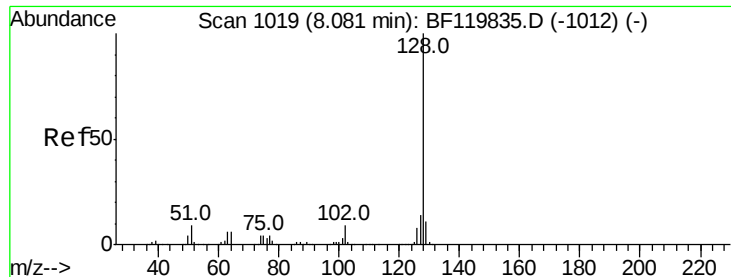
Abundance

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

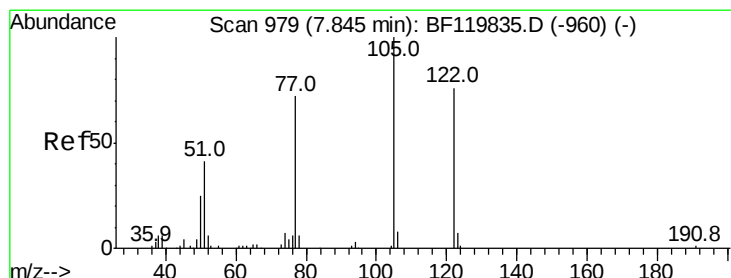
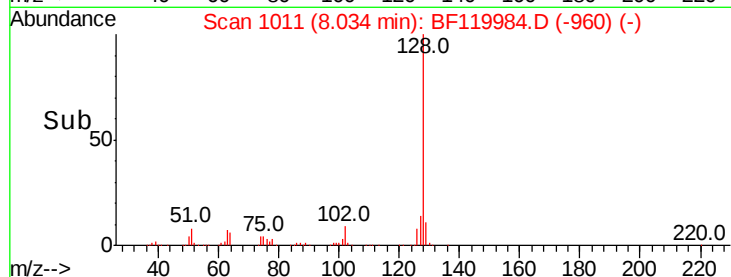
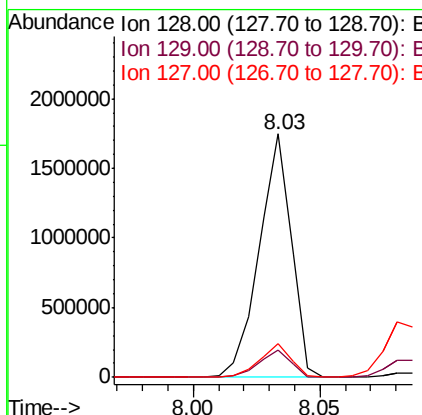
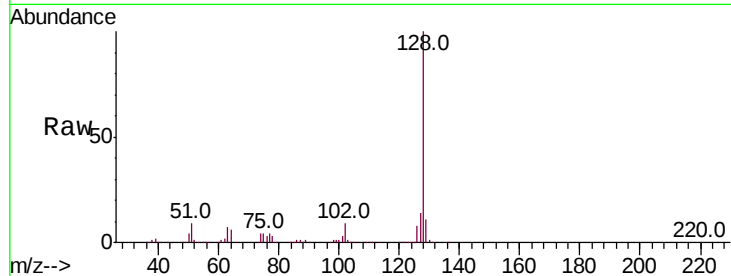




#31
Naphthalene
Concen: 42.136 ng
RT: 8.03 min Scan# 1011
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

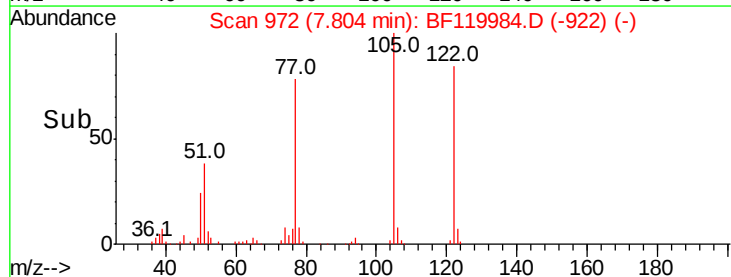
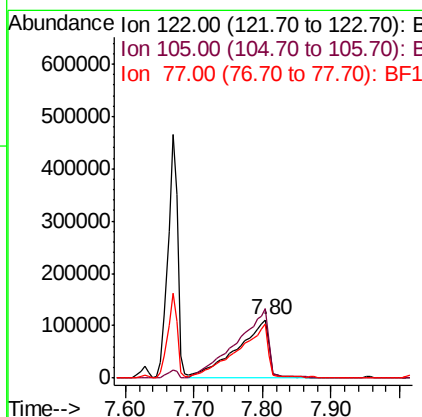
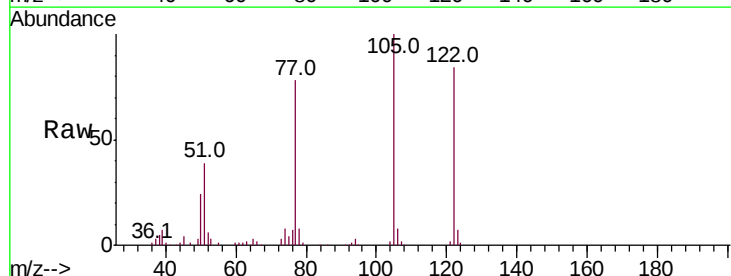
Instrument :
BNA_F
ClientSampleId :
PB128214BS

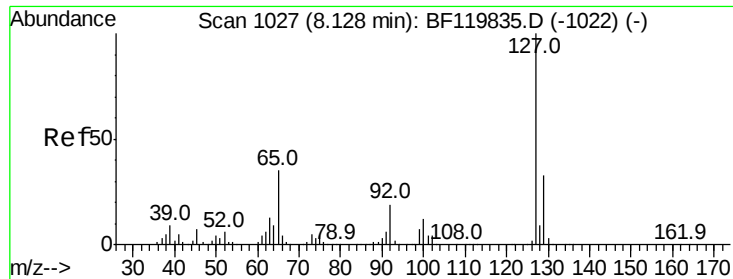
Tot Ion:128 Resp: 1556103
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.6
127 13.7 11.0 16.4



#32
Benzoic acid
Concen: 40.744 ng
RT: 7.80 min Scan# 972
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion:122 Resp: 368005
Ion Ratio Lower Upper
122 100
105 118.7 106.7 146.7
77 92.0 72.1 112.1

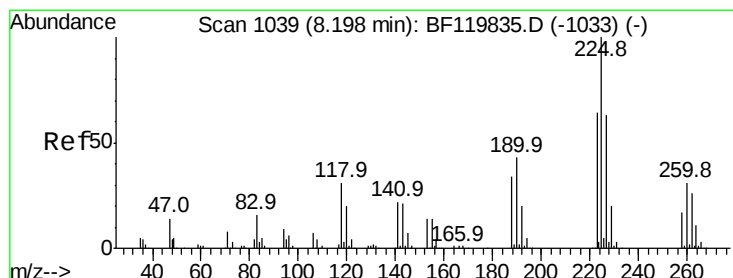
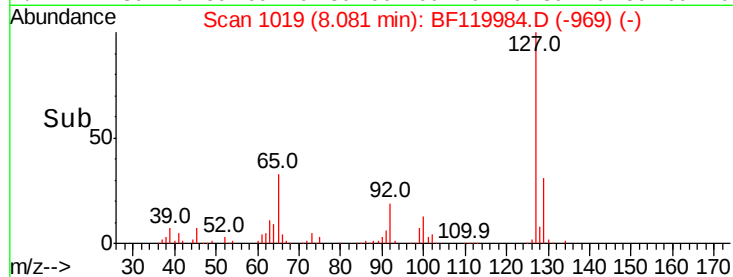
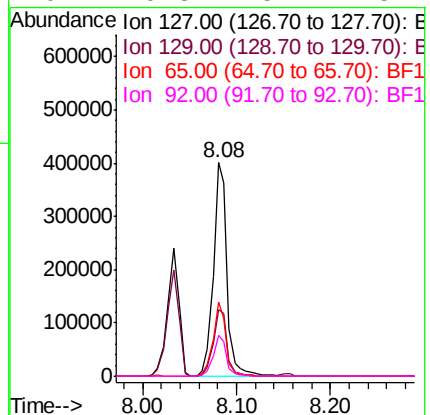
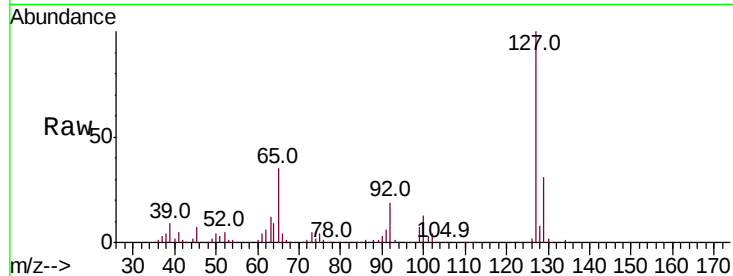




#33
4-Chloroaniline
Concen: 25.661 ng
RT: 8.08 min Scan# 1019
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

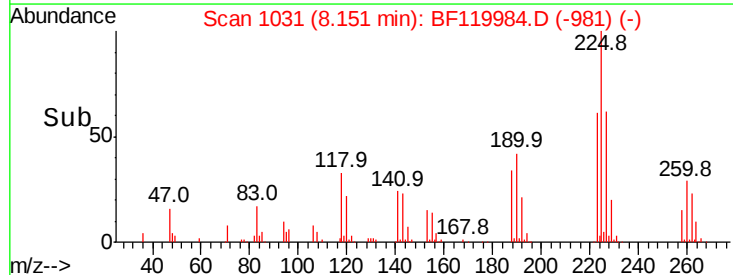
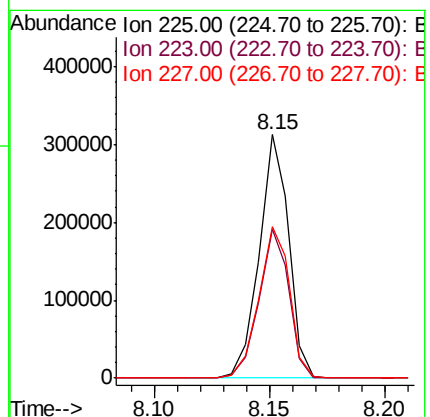
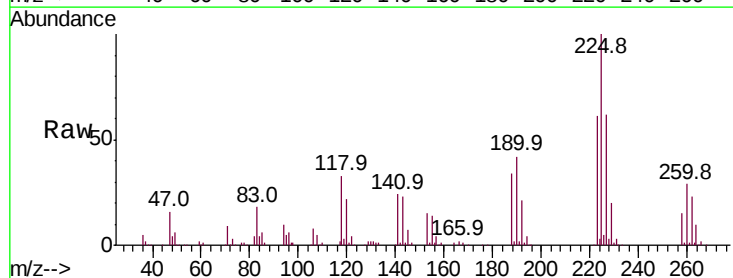
Instrument :
BNA_F
ClientSampleId :
PB128214BS

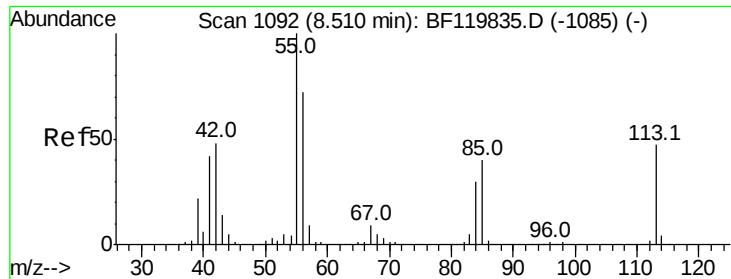
Tot Ion:	127	Resp:	412549
Ion	Ratio	Lower	Upper
127	100		
129	31.4	26.2	39.2
65	34.5	28.3	42.5
92	19.3	15.4	23.2



#34
Hexachlorobutadiene
Concen: 38.895 ng
RT: 8.15 min Scan# 1031
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion:	225	Resp:	278105
Ion	Ratio	Lower	Upper
225	100		
223	61.1	51.0	76.6
227	62.2	50.4	75.6

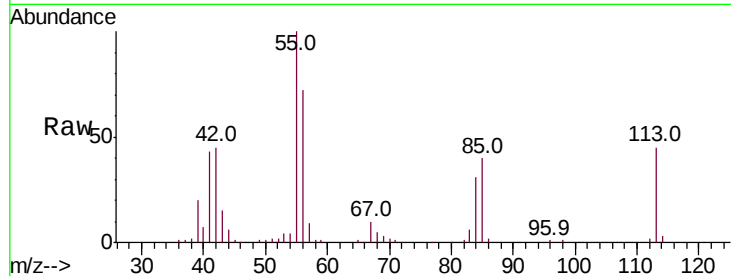




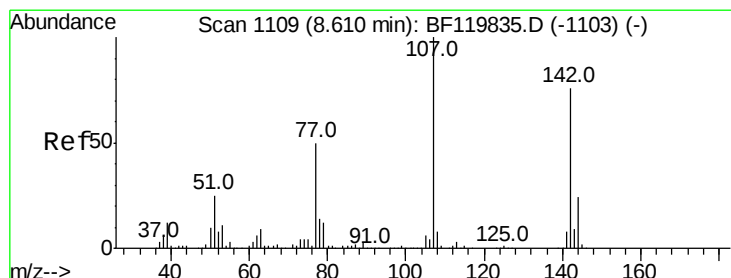
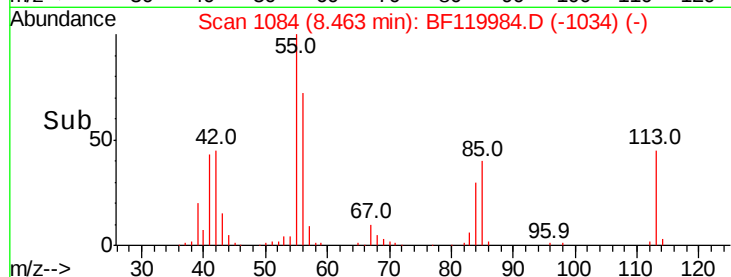
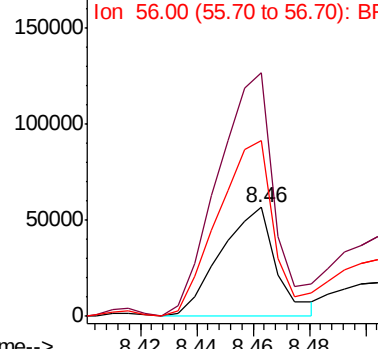
#35
 Caprolactam
 Concen: 24.037 ng
 RT: 8.46 min Scan# 1084
 Delta R.T. -0.01 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

Tot Ion:113 Resp: 77510
 Ion Ratio Lower Upper
 113 100
 55 224.2 192.7 232.7
 56 161.4 133.3 173.3

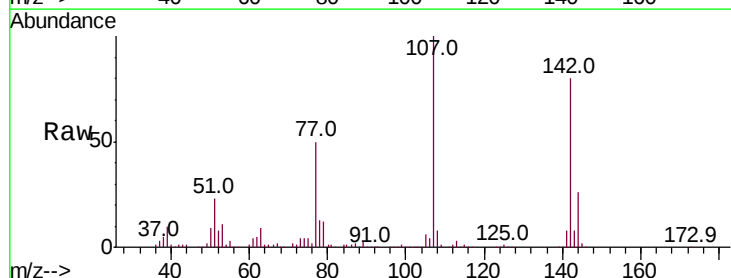


Abundance Ion 113.00 (112.70 to 113.70): E
 Ion 55.00 (54.70 to 55.70): BF1
 Ion 56.00 (55.70 to 56.70): BF1

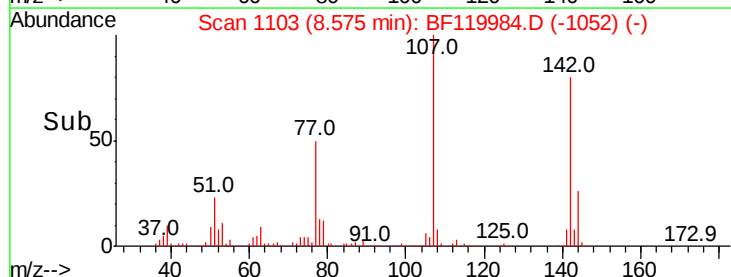
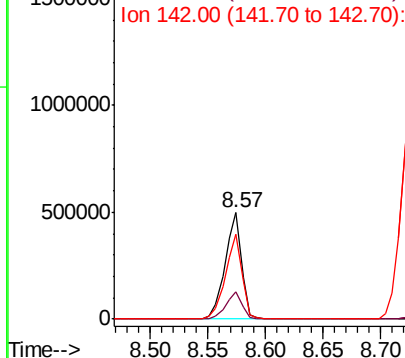


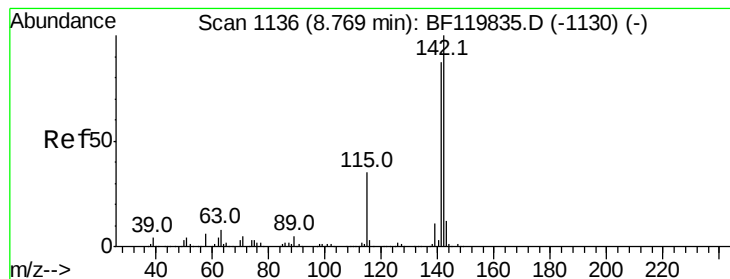
#36
 4-Chloro-3-methylphenol
 Concen: 43.396 ng
 RT: 8.57 min Scan# 1103
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Tgt Ion:107 Resp: 495279
 Ion Ratio Lower Upper
 107 100
 144 26.0 19.5 29.3
 142 80.0 60.5 90.7



Abundance Ion 107.00 (106.70 to 107.70): E
 Ion 144.00 (143.70 to 144.70): E
 Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 41.981 ng

RT: 8.73 min Scan# 1129

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB128214BS

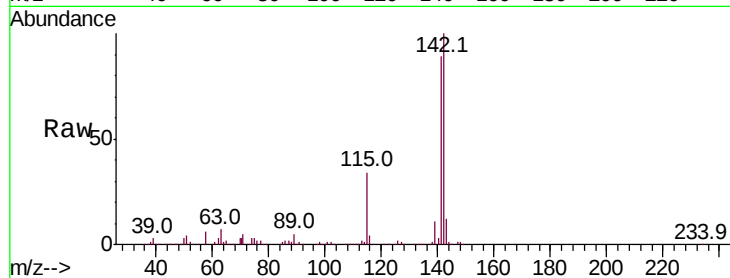
Tot Ion:142 Resp: 1051087

Ion Ratio Lower Upper

142 100

141 89.1 69.9 104.9

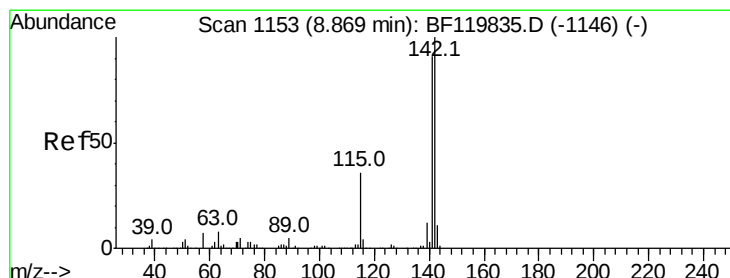
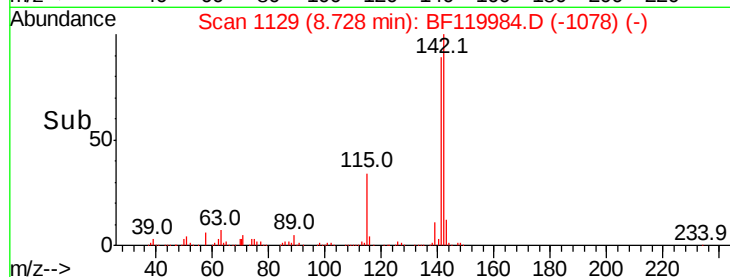
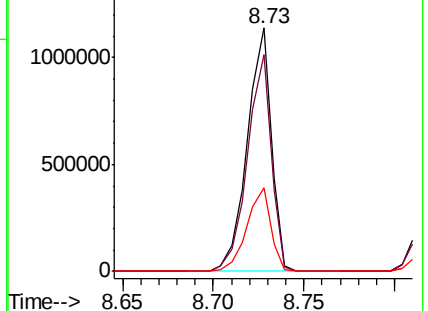
115 34.3 28.0 42.0



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: 42.692 ng

RT: 8.83 min Scan# 1146

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

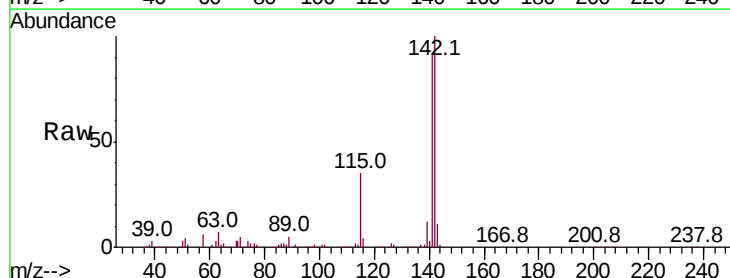
Tgt Ion:142 Resp: 1007480

Ion Ratio Lower Upper

142 100

141 91.8 72.9 109.3

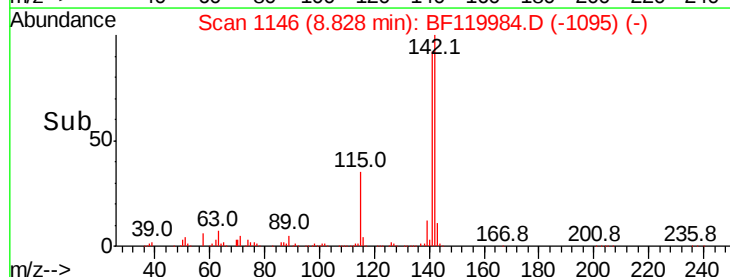
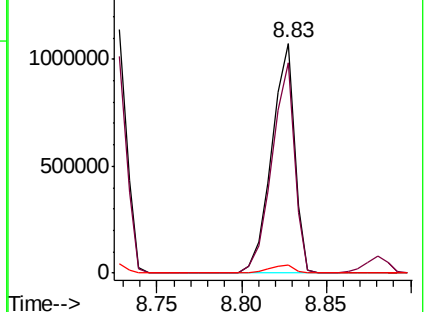
116 3.6 3.0 4.6

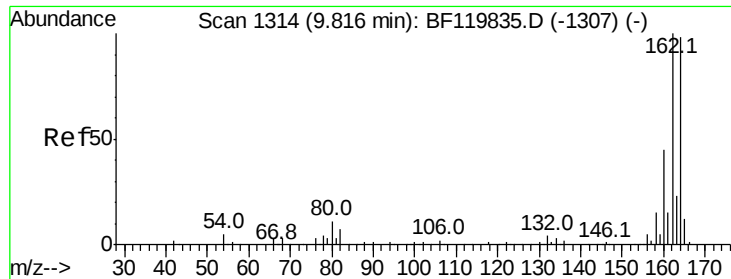


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E

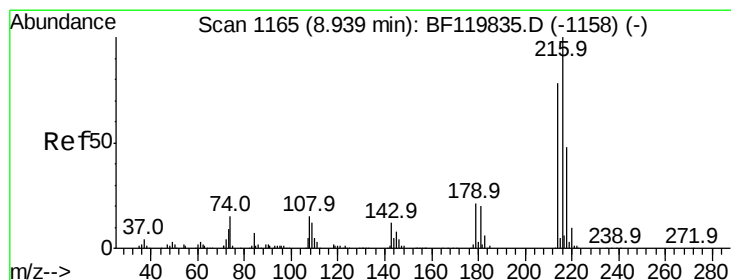
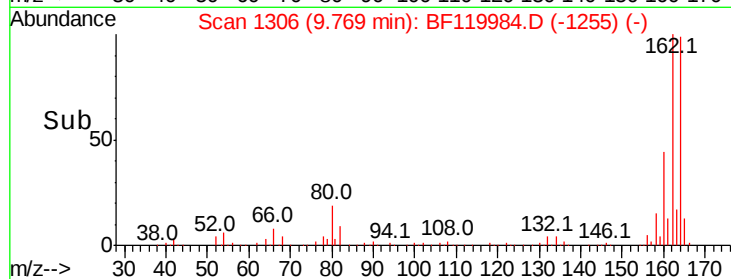
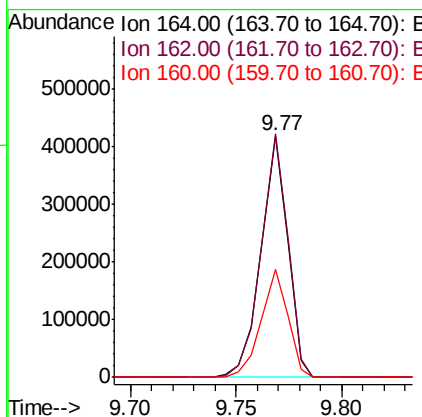
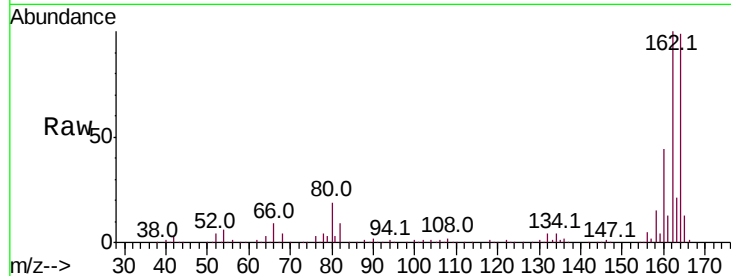




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.77 min Scan# 1306
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

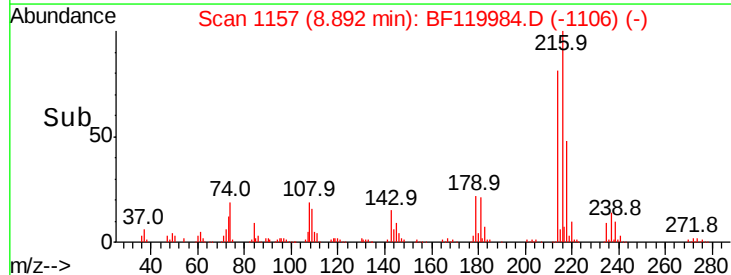
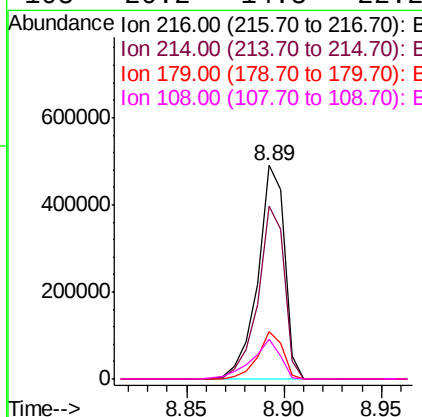
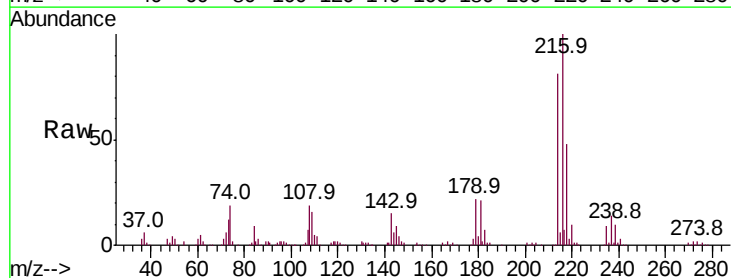
Instrument :
BNA_F
ClientSampled :
PB128214BS

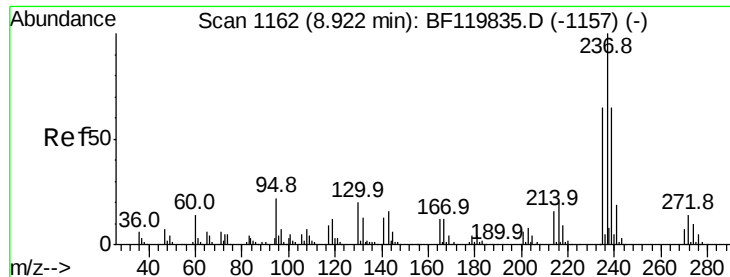
Tot Ion:164 Resp: 370932
Ion Ratio Lower Upper
164 100
162 101.0 81.9 122.9
160 44.7 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 39.681 ng
RT: 8.89 min Scan# 1157
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion:216 Resp: 464893
Ion Ratio Lower Upper
216 100
214 79.6 63.1 94.7
179 21.2 17.0 25.4
108 20.2 14.8 22.2





#41

Hexachlorocyclopentadiene

Concen: 86.793 ng

RT: 8.88 min Scan# 1155

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB128214BS

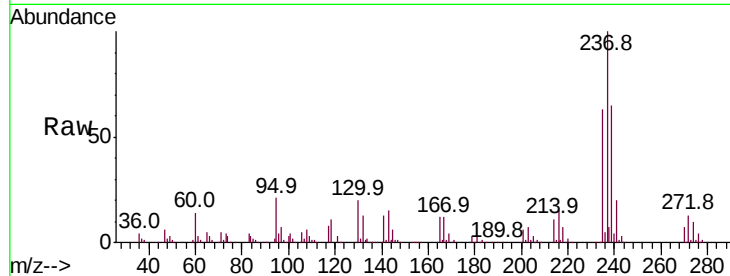
Tot Ion:237 Resp: 578208

Ion Ratio Lower Upper

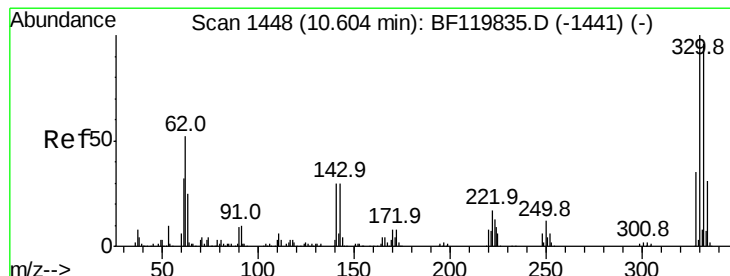
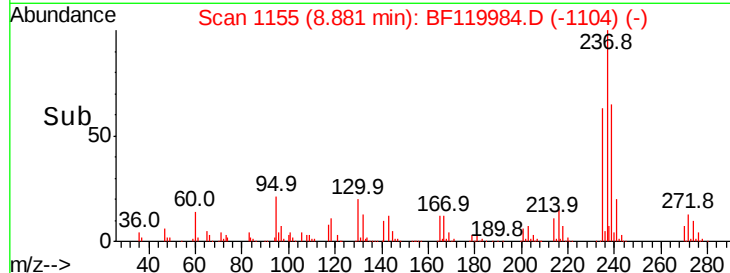
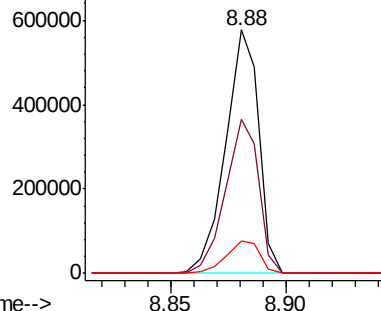
237 100

235 63.0 44.9 84.9

272 13.2 0.0 33.6



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: 101.455 ng

RT: 10.56 min Scan# 1441

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

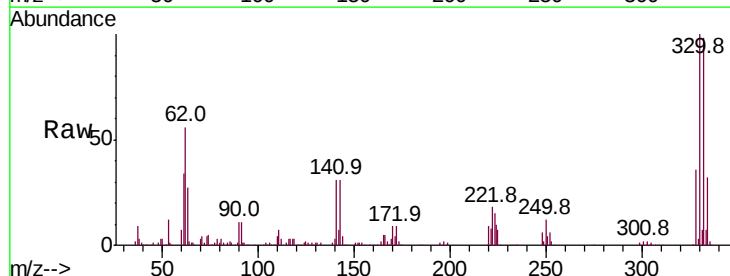
Tgt Ion:330 Resp: 460755

Ion Ratio Lower Upper

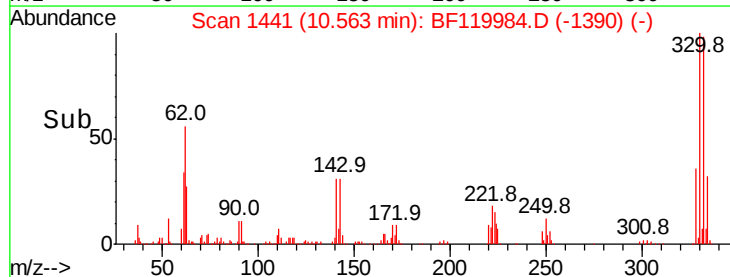
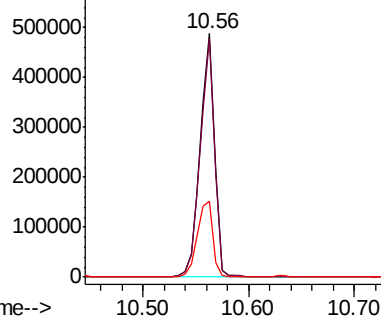
330 100

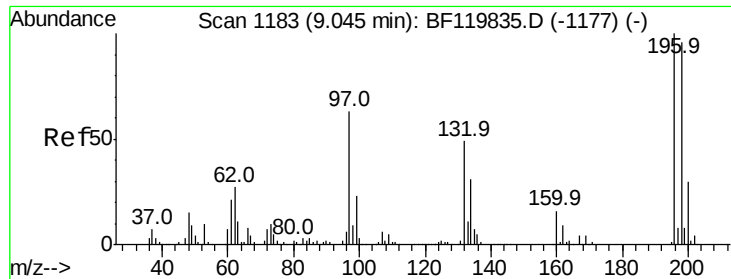
332 97.3 76.8 115.2

141 33.8 25.1 37.7



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

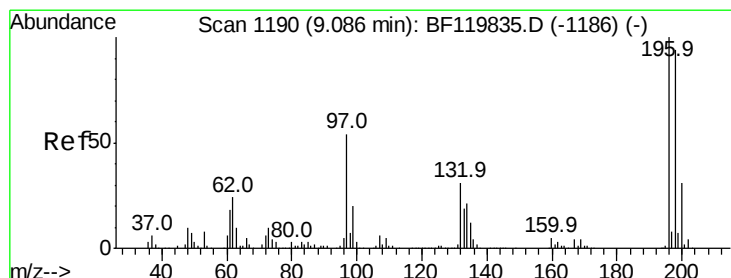
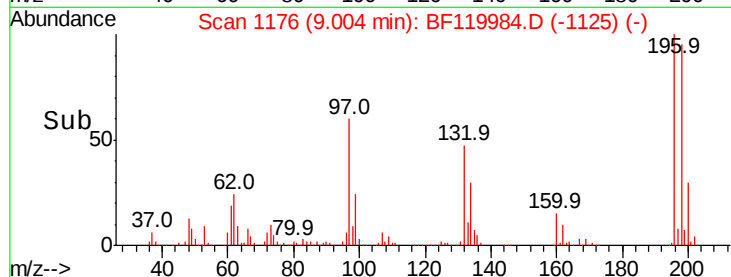
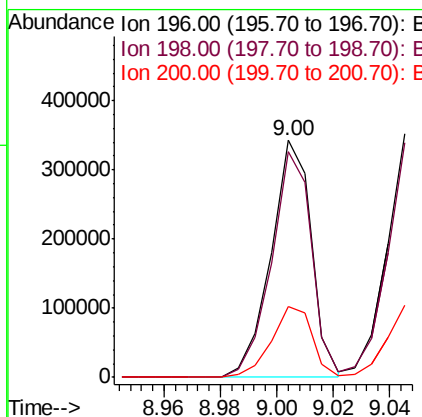
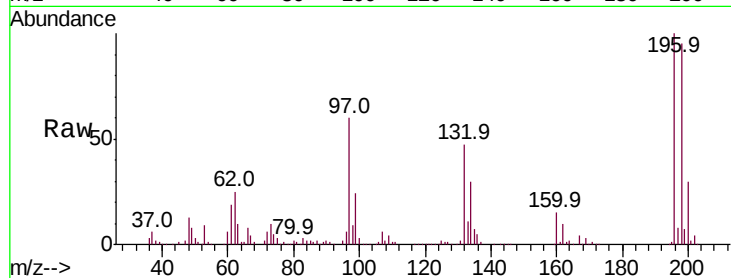




#43
 2,4,6-Trichlorophenol
 Concen: 41.938 ng
 RT: 9.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

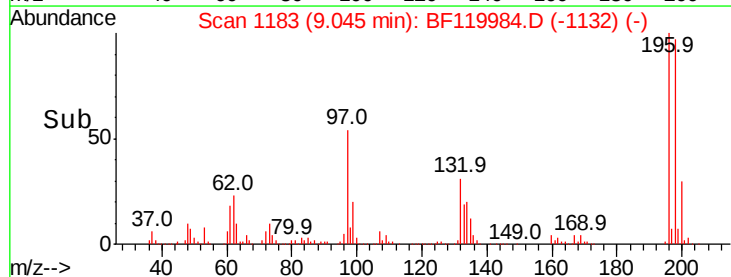
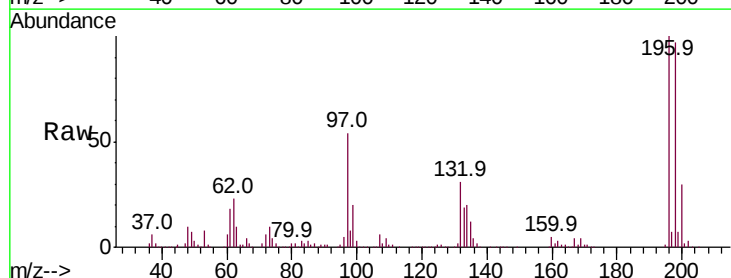
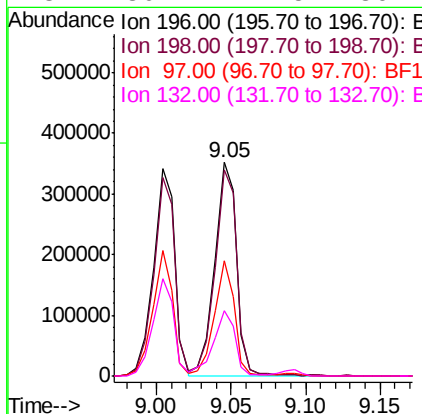
Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

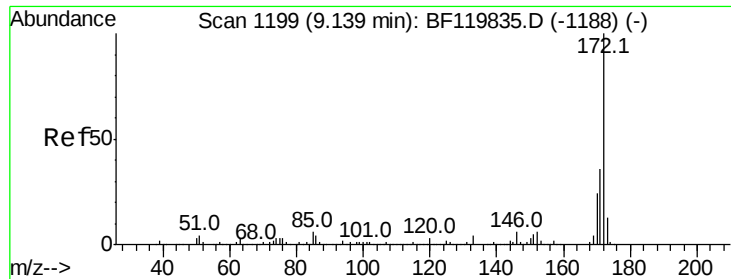
Tot Ion:196 Resp: 339288
 Ion Ratio Lower Upper
 196 100
 198 95.4 76.6 115.0
 200 29.9 24.2 36.2



#44
 2,4,5-Trichlorophenol
 Concen: 39.297 ng
 RT: 9.05 min Scan# 1183
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Tgt Ion:196 Resp: 358075
 Ion Ratio Lower Upper
 196 100
 198 96.5 75.1 112.7
 97 54.1 43.4 65.2
 132 30.7 24.5 36.7

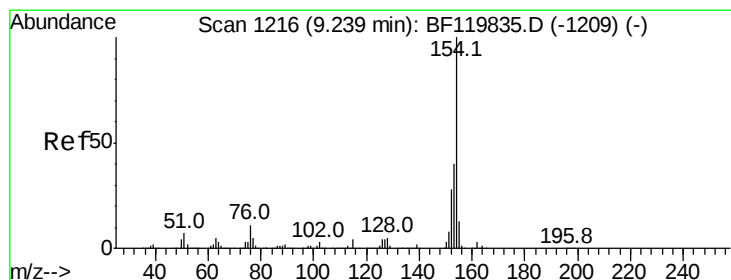
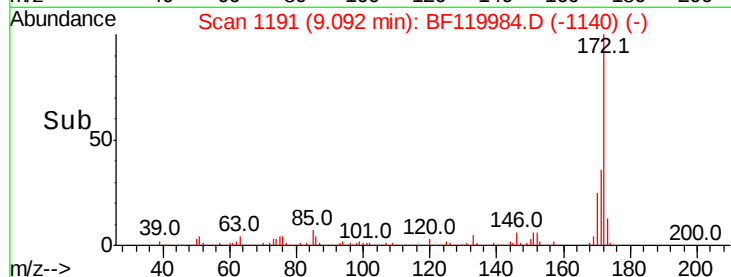
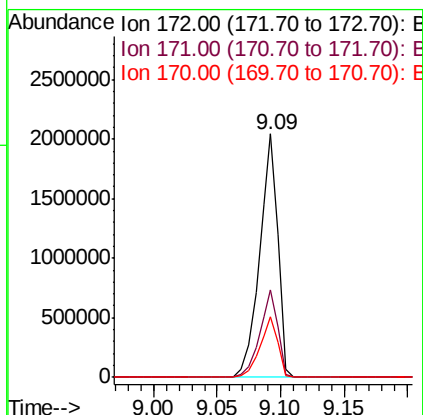
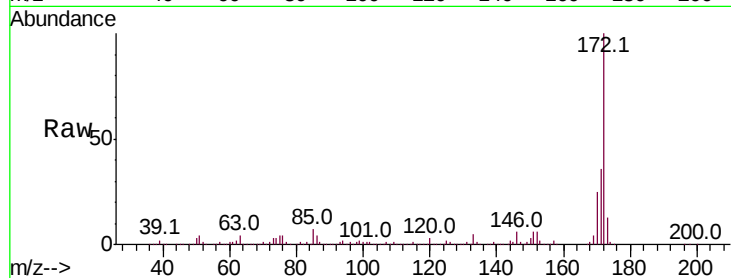




#45
2-Fluorobiphenyl
Concen: 78.577 ng
RT: 9.09 min Scan# 1191
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

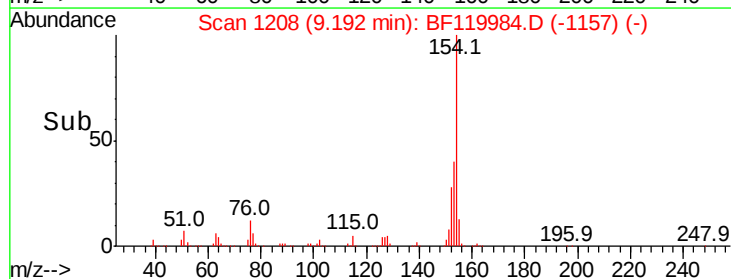
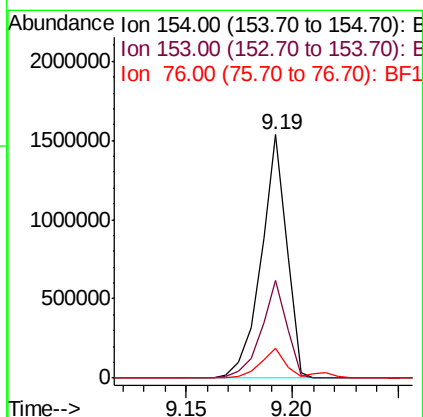
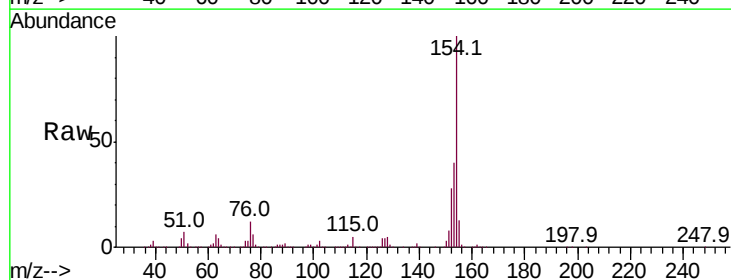
Instrument :
BNA_F
ClientSampleId :
PB128214BS

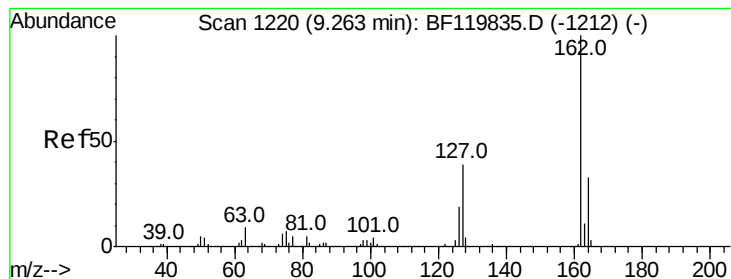
Tot Ion:172 Resp: 2052888
Ion Ratio Lower Upper
172 100
171 36.0 28.9 43.3
170 24.7 19.4 29.2



#46
1,1'-Biphenyl
Concen: 41.227 ng
RT: 9.19 min Scan# 1208
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion:154 Resp: 1290756
Ion Ratio Lower Upper
154 100
153 40.4 20.5 60.5
76 12.1 0.0 30.6





#47

2-Chloronaphthalene

Concen: 41.572 ng

RT: 9.22 min Scan# 1212

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

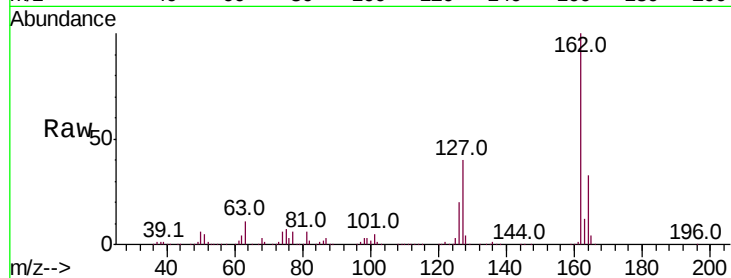
BNA_F

ClientSampleId :

PB128214BS

Tot Ion:162 Resp: 1002651

Ion	Ratio	Lower	Upper
162	100		
127	40.4	31.2	46.8
164	32.7	26.3	39.5

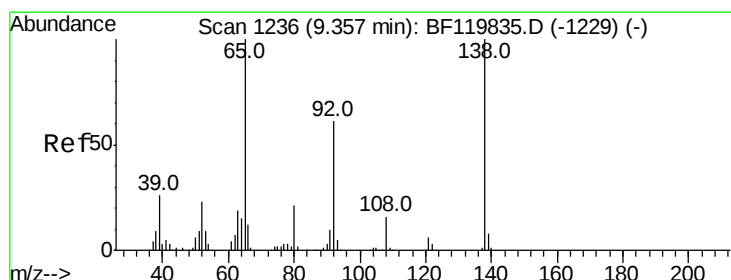
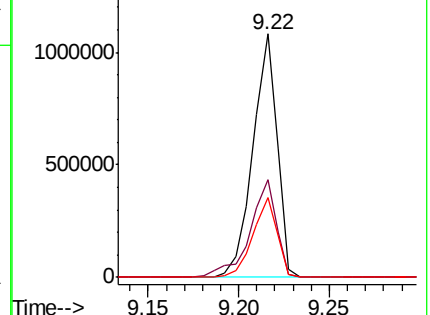
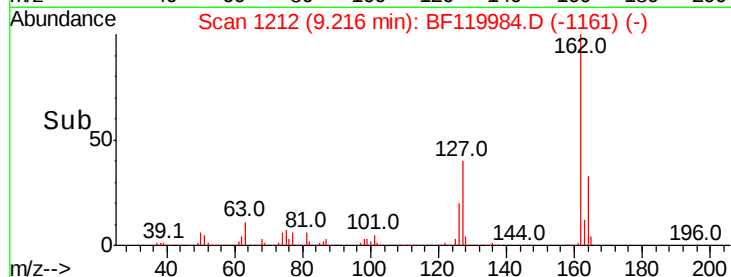


Abundance

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: 40.009 ng

RT: 9.32 min Scan# 1229

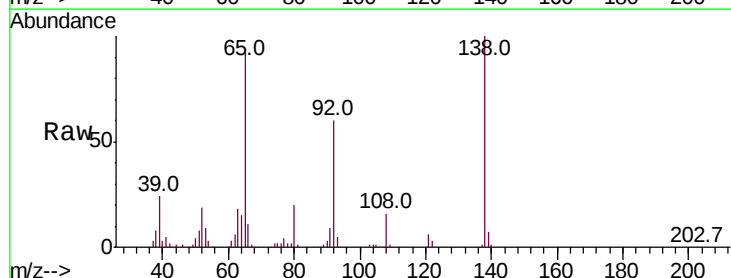
Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Tgt Ion: 65 Resp: 349691

Ion	Ratio	Lower	Upper
65	100		
92	64.9	49.0	73.6
138	108.4	79.7	119.5

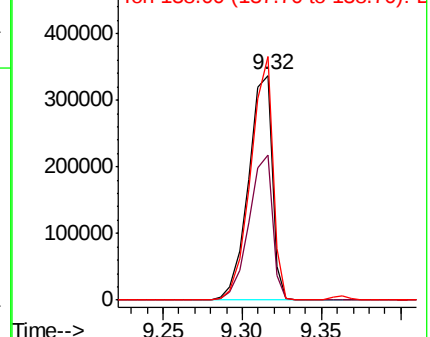
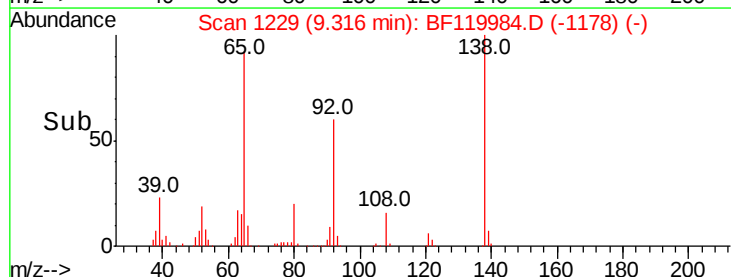


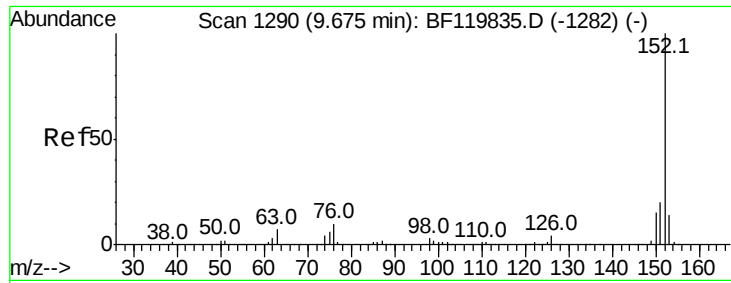
Abundance

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: 42.315 ng

RT: 9.63 min Scan# 1283

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB128214BS

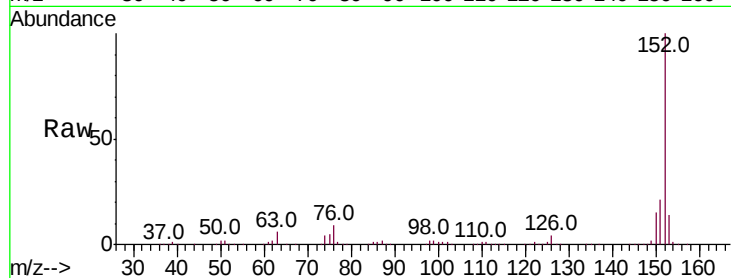
Tot Ion:152 Resp: 1552100

Ion Ratio Lower Upper

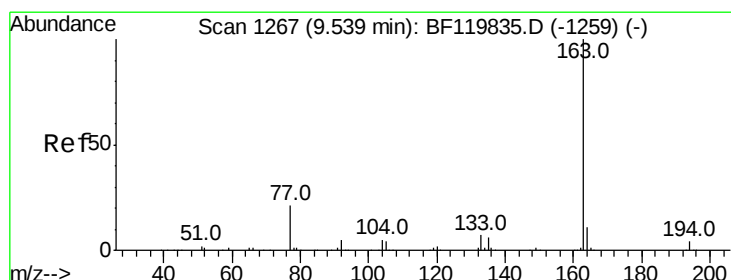
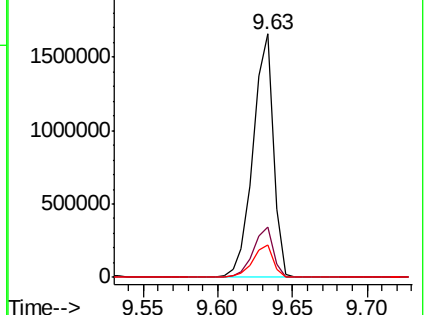
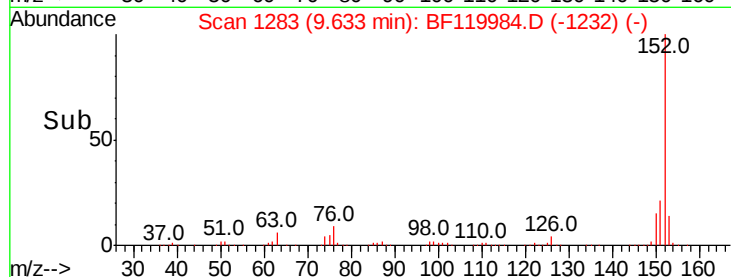
152 100

151 20.9 16.2 24.4

153 13.5 10.9 16.3



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: 41.144 ng

RT: 9.50 min Scan# 1260

Delta R.T. -0.01 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

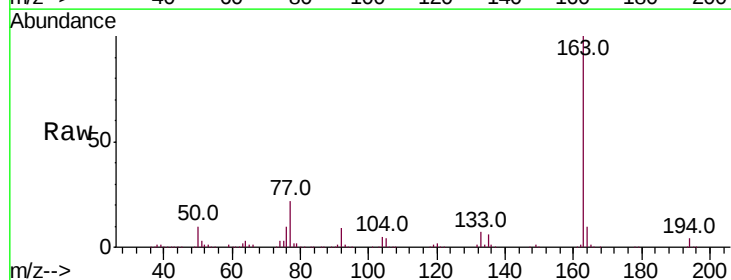
Tgt Ion:163 Resp: 1180455

Ion Ratio Lower Upper

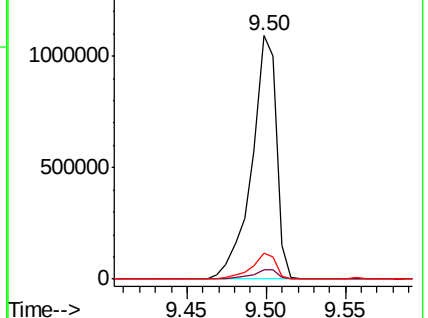
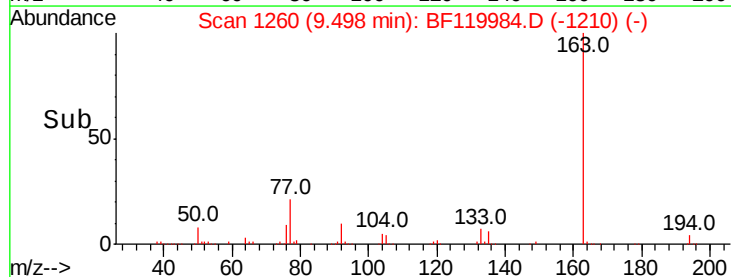
163 100

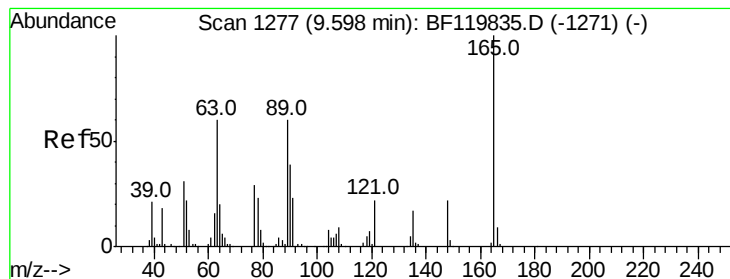
194 3.7 3.0 4.4

164 10.5 8.4 12.6



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: 42.105 ng

RT: 9.56 min Scan# 1270

Delta R.T. -0.01 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB128214BS

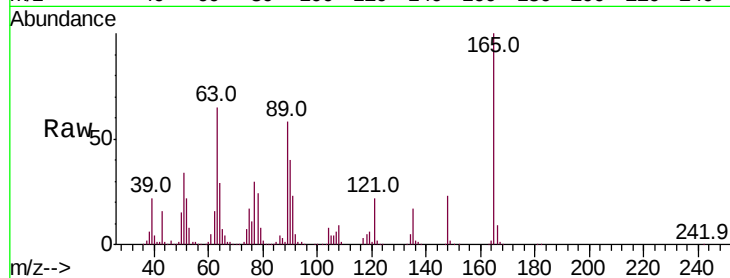
Tot Ion:165 Resp: 264541

Ion Ratio Lower Upper

165 100

63 64.6 55.6 83.4

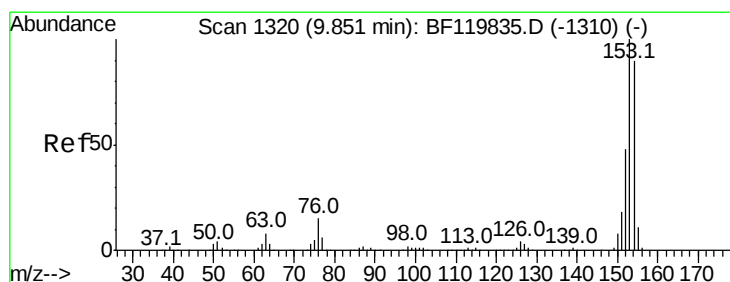
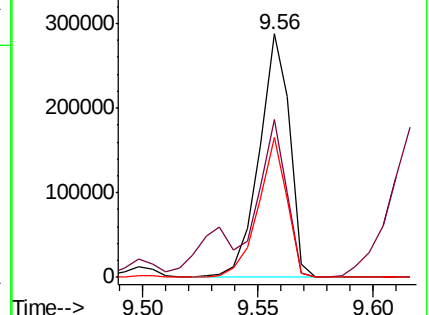
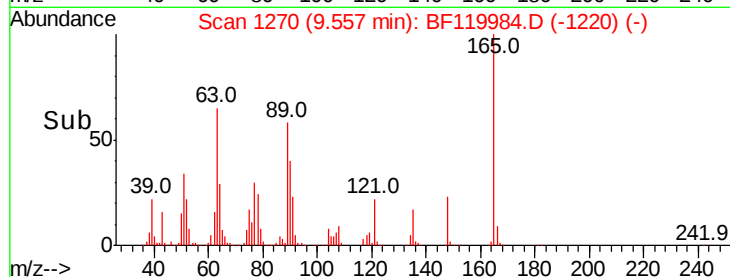
89 57.7 47.9 71.9



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: 38.420 ng

RT: 9.80 min Scan# 1312

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

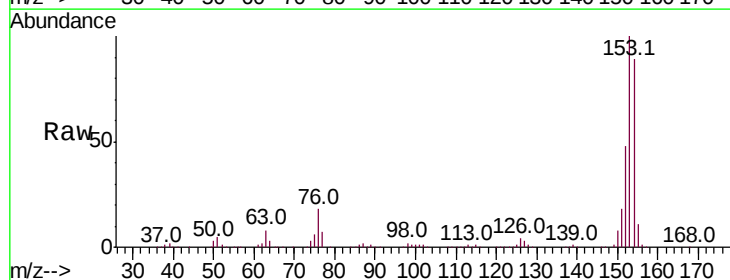
Tgt Ion:154 Resp: 940066

Ion Ratio Lower Upper

154 100

153 112.0 88.8 133.2

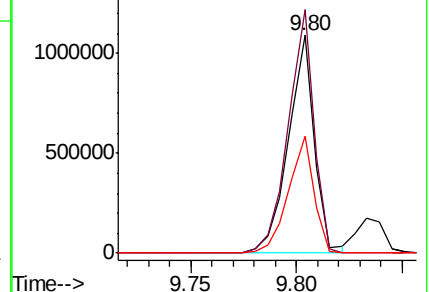
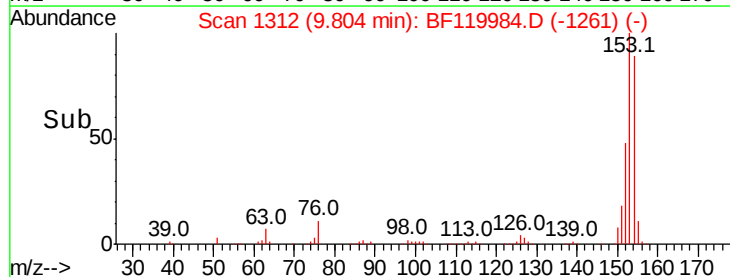
152 53.5 42.4 63.6

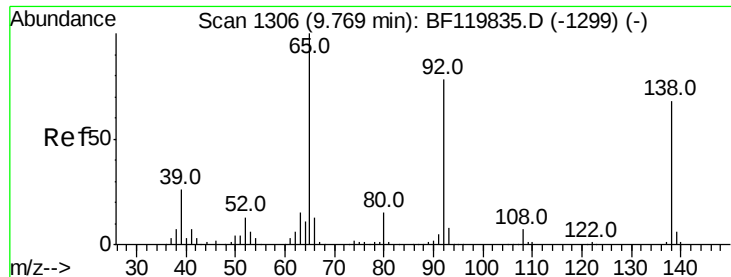


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

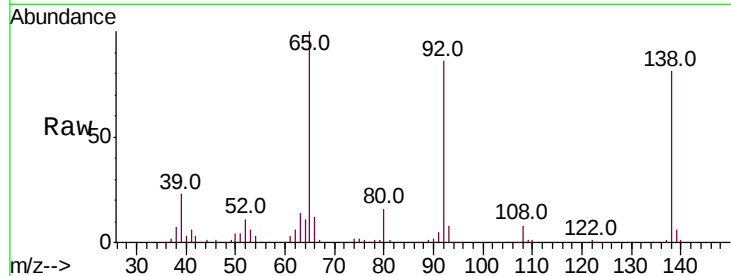




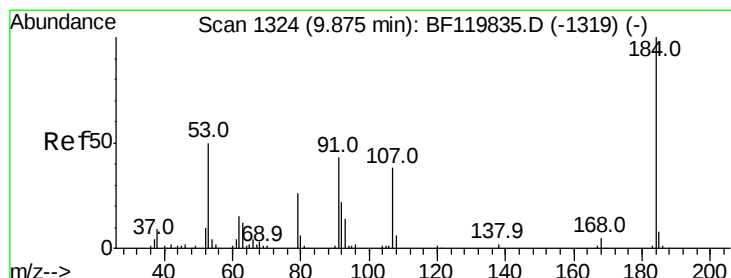
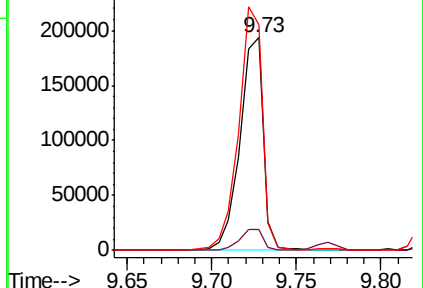
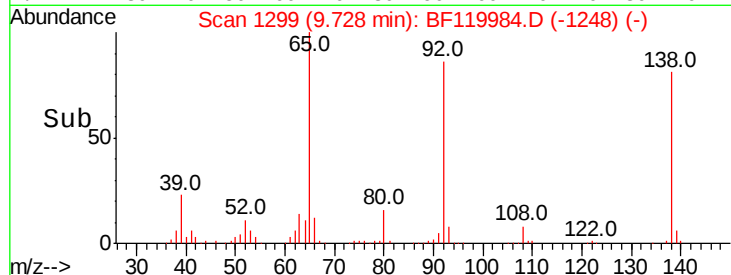
#53
3-Nitroaniline
Concen: 26.093 ng
RT: 9.73 min Scan# 1299
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion:138 Resp: 187236
Ion Ratio Lower Upper
138 100
108 10.1 8.0 12.0
92 106.0 92.1 138.1

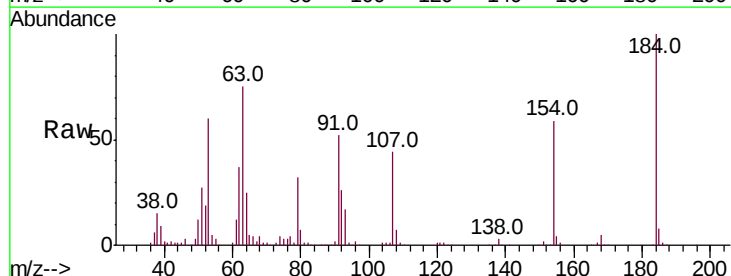


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BF1

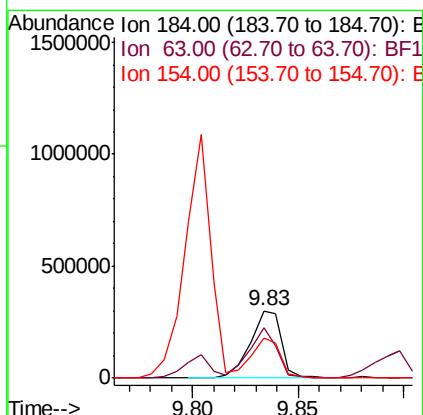
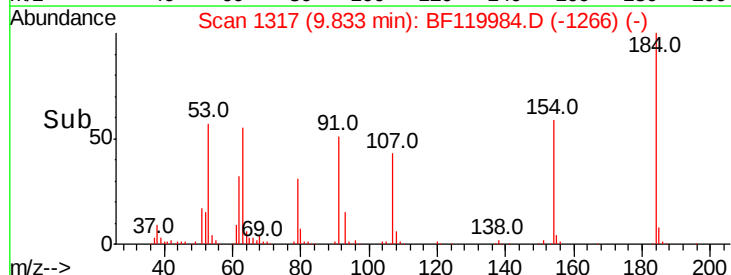


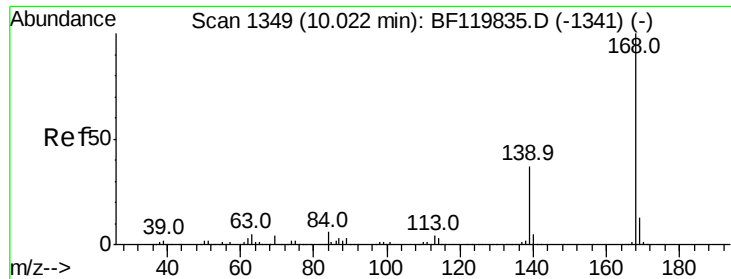
#54
2,4-Dinitrophenol
Concen: 83.152 ng
RT: 9.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion:184 Resp: 312779
Ion Ratio Lower Upper
184 100
63 75.0 49.8 74.6#
154 58.8 46.5 69.7



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: 42.325 ng

RT: 9.97 min Scan# 1341

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB128214BS

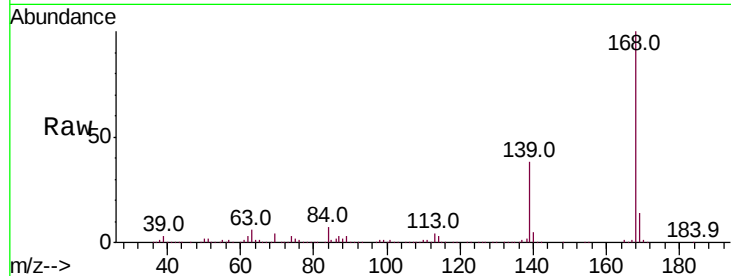
Tot Ion:168 Resp: 1421103

Ion Ratio Lower Upper

168 100

139 37.5 29.8 44.6

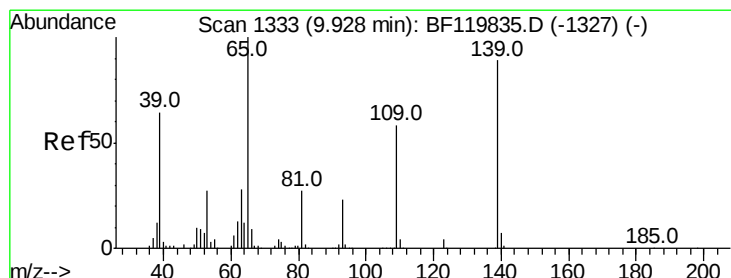
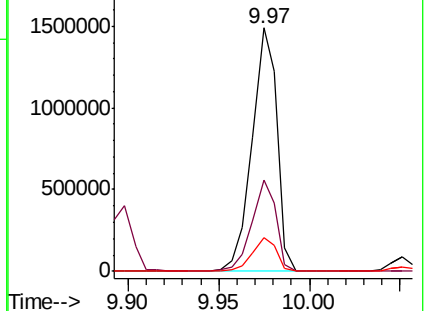
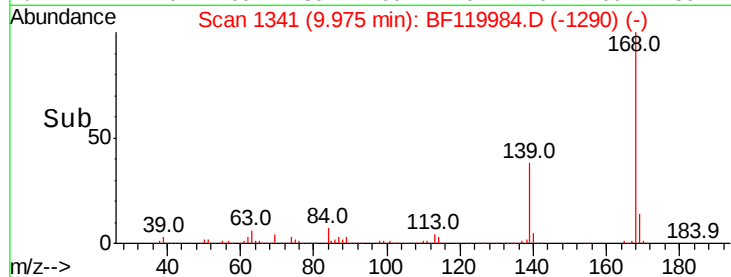
169 14.0 10.6 15.8



Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 81.080 ng

RT: 9.90 min Scan# 1328

Delta R.T. 0.01 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

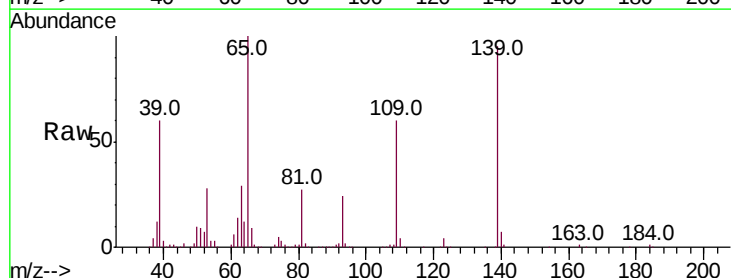
Tgt Ion:139 Resp: 432890

Ion Ratio Lower Upper

139 100

109 63.5 45.5 85.5

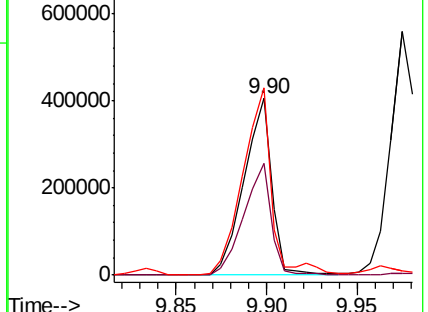
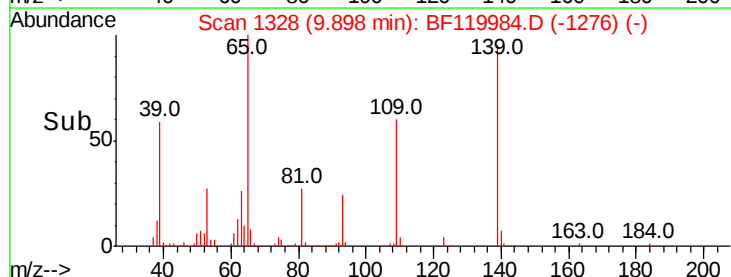
65 105.7 92.3 132.3

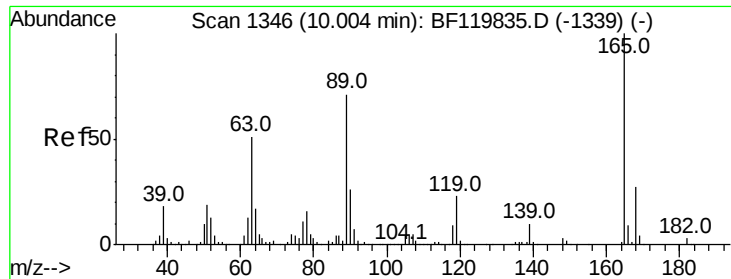


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF1

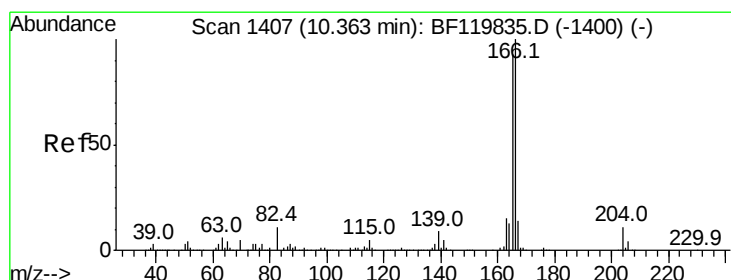
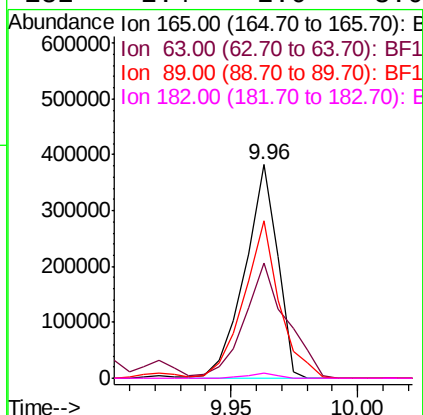
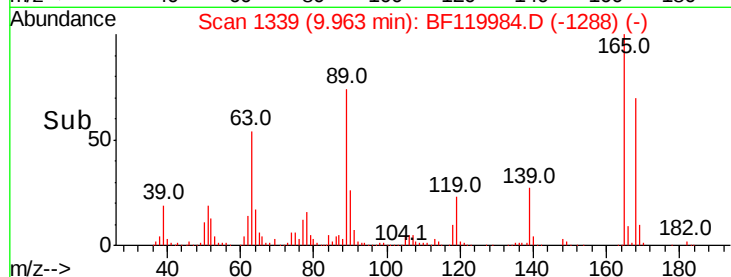
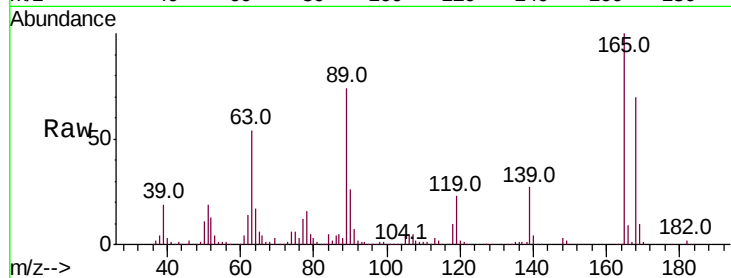




#57
2,4-Dinitrotoluene
Concen: 41.627 ng
RT: 9.96 min Scan# 1339
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

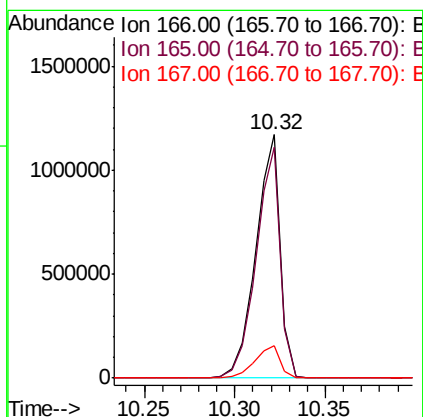
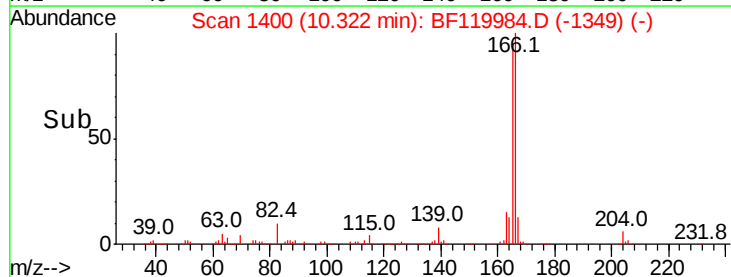
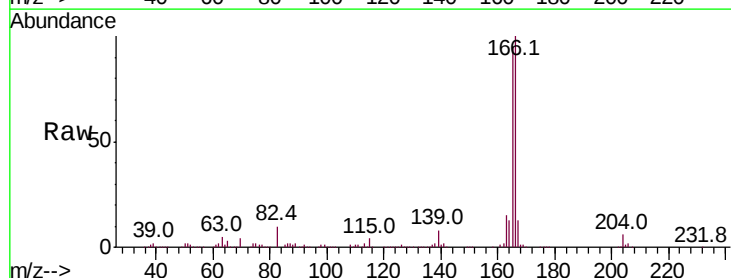
Instrument :
BNA_F
ClientSampleId :
PB128214BS

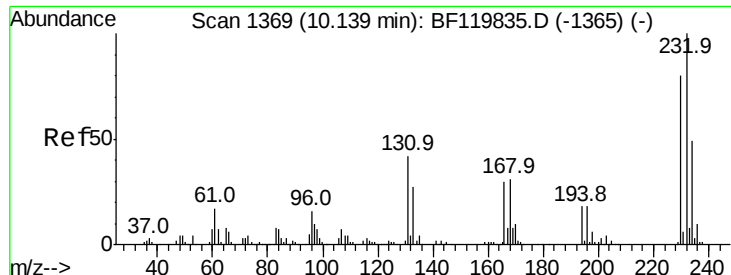
Tot Ion:165 Resp: 344574
Ion Ratio Lower Upper
165 100
63 53.9 40.8 61.2
89 73.9 56.9 85.3
182 2.4 2.0 3.0



#58
Fluorene
Concen: 40.463 ng
RT: 10.32 min Scan# 1400
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion:166 Resp: 1086531
Ion Ratio Lower Upper
166 100
165 95.1 74.2 111.2
167 13.3 10.8 16.2

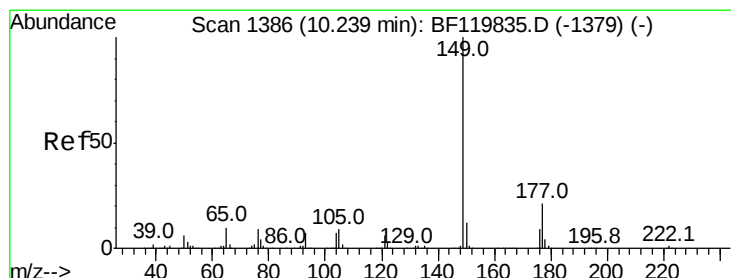
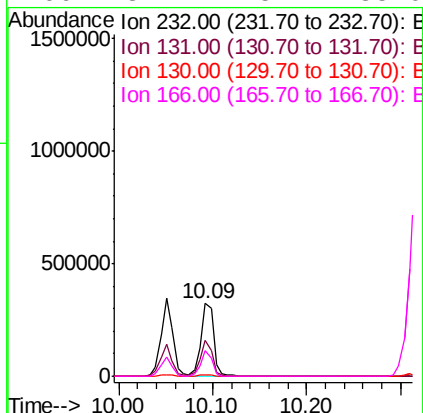
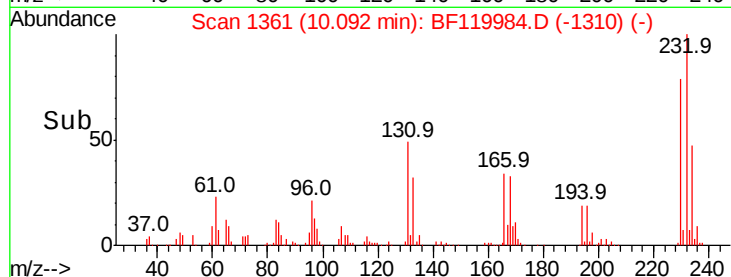
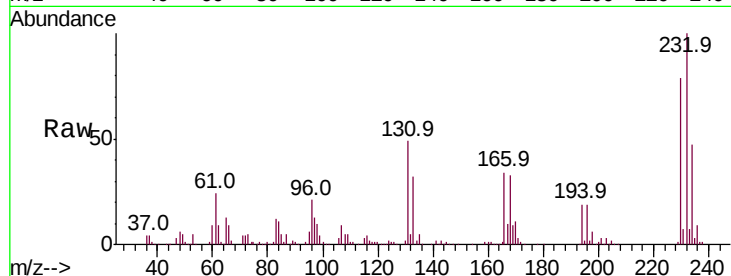




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 43.713 ng
 RT: 10.09 min Scan# 1361
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

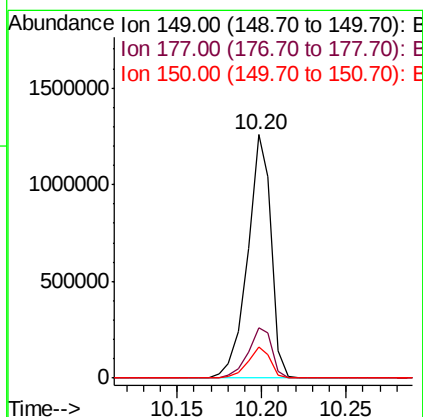
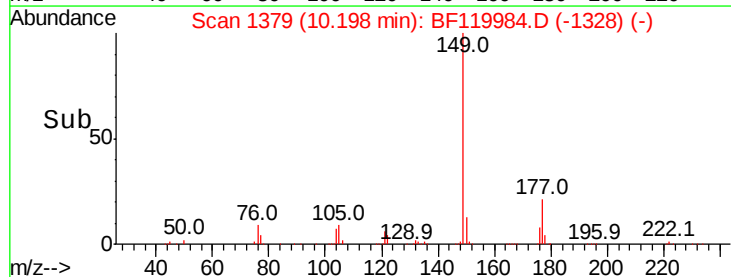
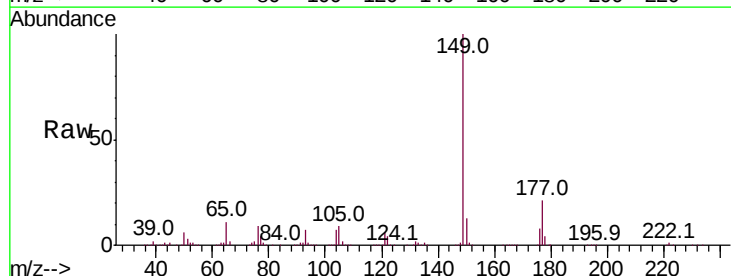
Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

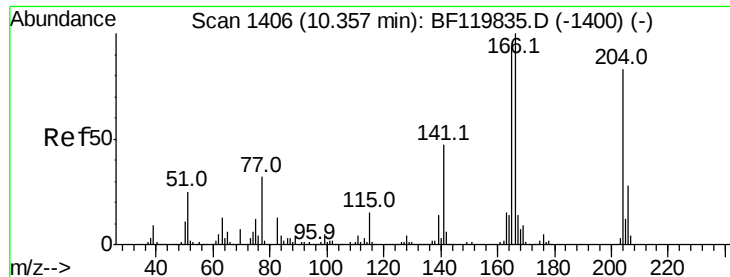
Tot Ion	Ratio	Lower	Upper
232	100		
131	45.7	37.9	56.9
130	2.0	1.8	2.6
166	31.2	25.4	38.0



#60
 Diethylphthalate
 Concen: 41.072 ng
 RT: 10.20 min Scan# 1379
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Lower	Upper
149	100		
177	20.6	16.8	25.2
150	12.8	9.8	14.6

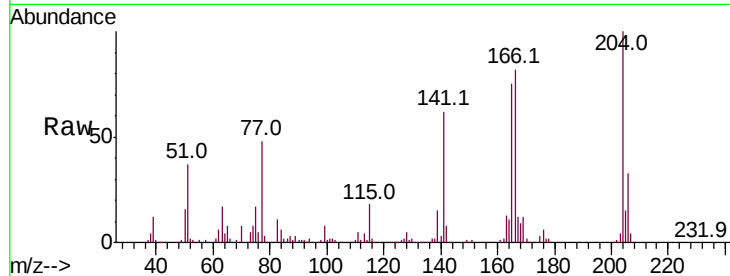




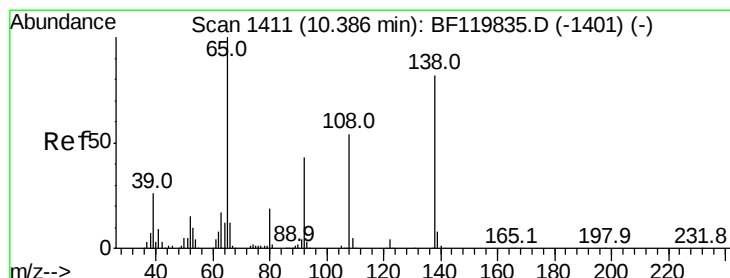
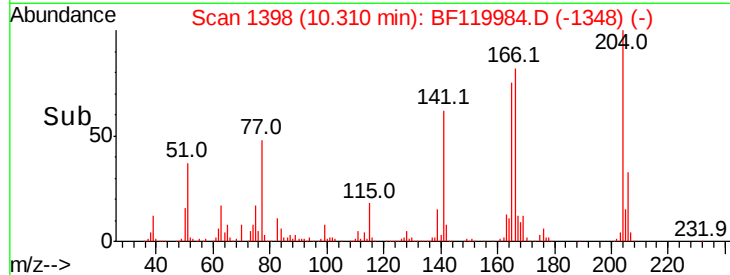
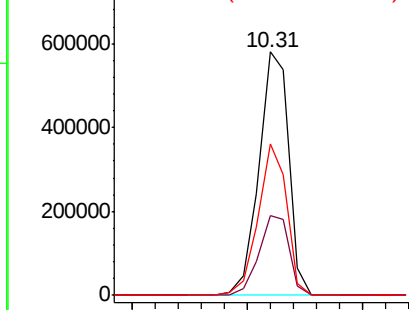
#61
 4-Chlorophenyl-phenylether
 Concen: 38.038 ng
 RT: 10.31 min Scan# 1398
 Delta R.T. -0.01 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

Tot Ion:	204	Resp:	523512
Ion	Ratio	Lower	Upper
204	100		
206	32.5	26.7	40.1
141	62.3	45.8	68.8

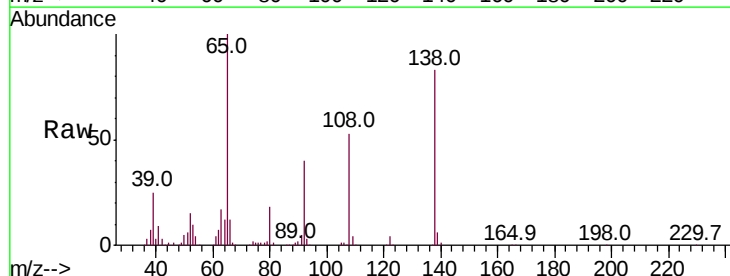


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

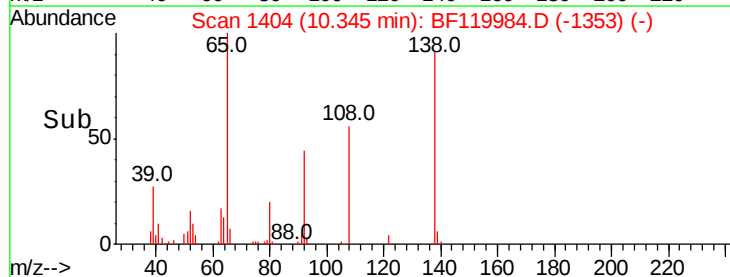
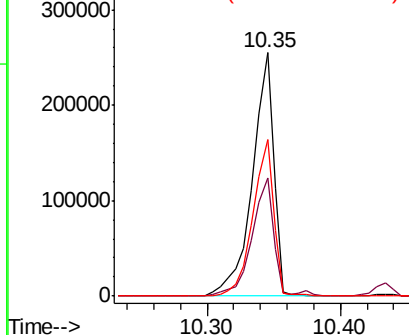


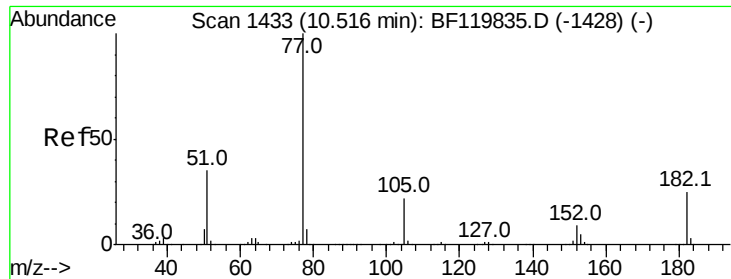
#62
 4-Nitroaniline
 Concen: 40.876 ng
 RT: 10.35 min Scan# 1404
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Tgt Ion:	138	Resp:	279526
Ion	Ratio	Lower	Upper
138	100		
92	48.5	31.6	71.6
108	64.2	45.2	85.2



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

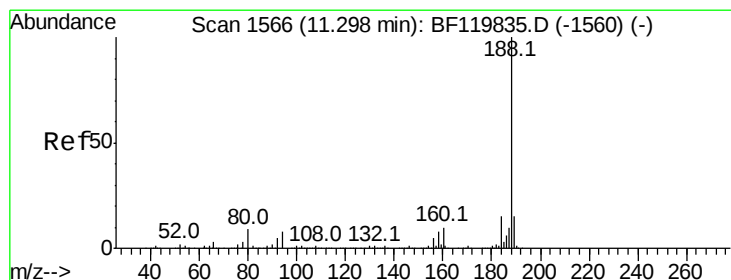
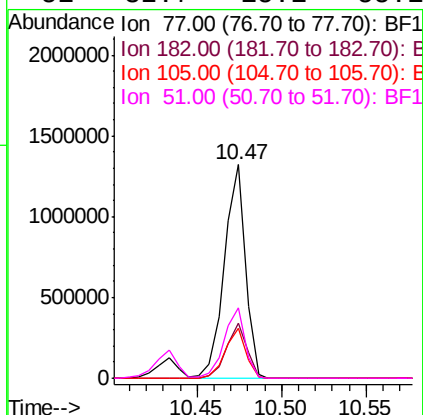
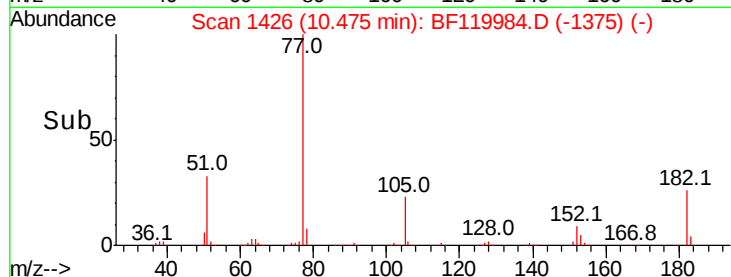
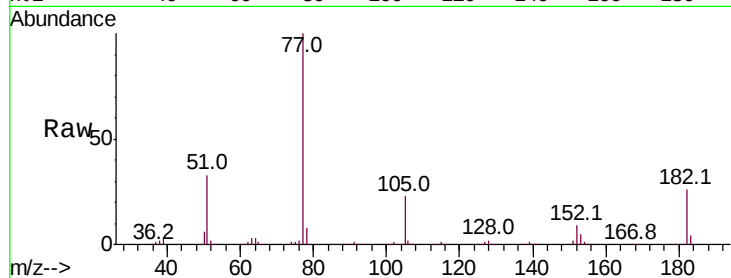




#63
Azobenzene
Concen: 43.087 ng
RT: 10.47 min Scan# 1426
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

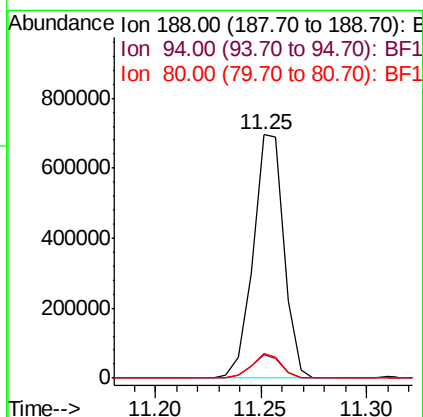
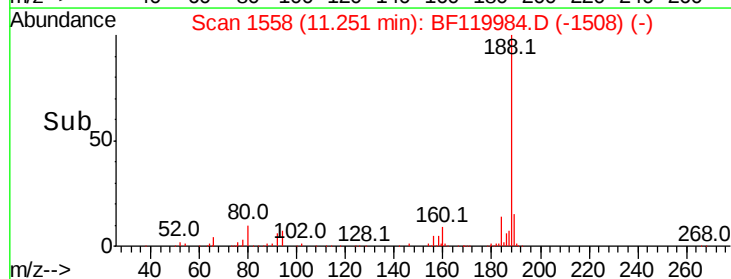
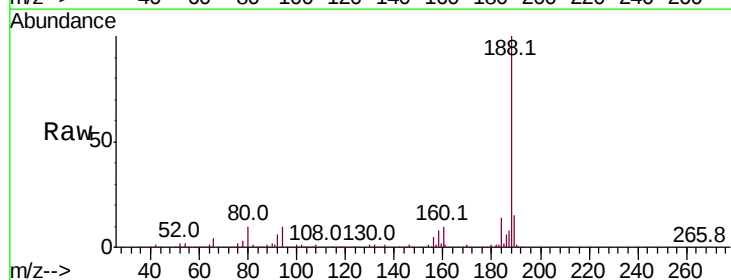
Instrument :
BNA_F
ClientSampleId :
PB128214BS

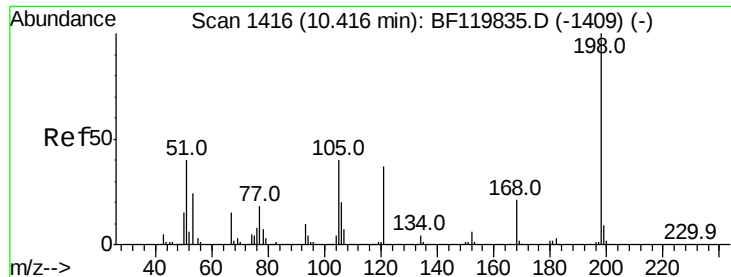
Tot Ion: 77 Resp: 1148234
Ion Ratio Lower Upper
77 100
182 25.9 4.5 44.5
105 23.1 2.2 42.2
51 32.7 15.1 55.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.25 min Scan# 1558
Delta R.T. -0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion: 188 Resp: 704615
Ion Ratio Lower Upper
188 100
94 9.8 6.7 10.1
80 10.1 7.4 11.2

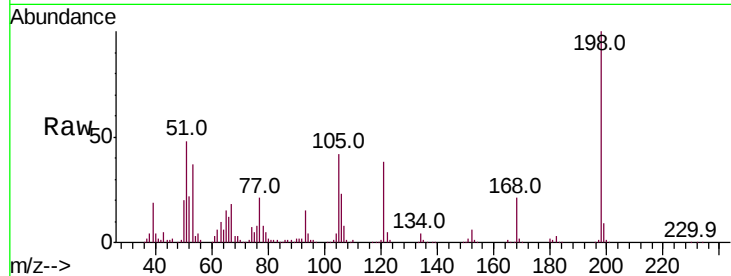




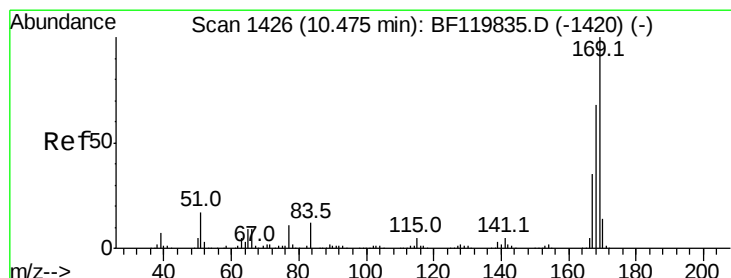
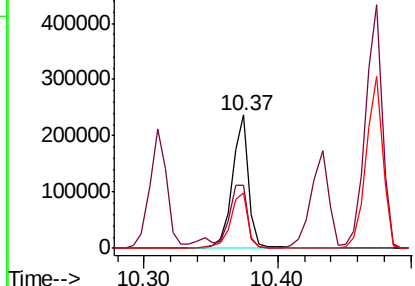
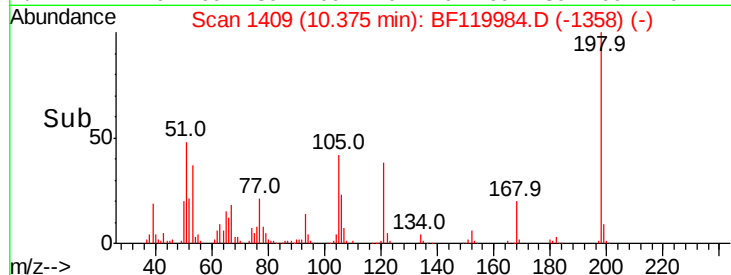
#65
4,6-Dinitro-2-methylphenol
Concen: 43.818 ng
RT: 10.37 min Scan# 1409
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion:198 Resp: 203406
Ion Ratio Lower Upper
198 100
51 47.9 25.2 65.2
105 41.7 20.8 60.8

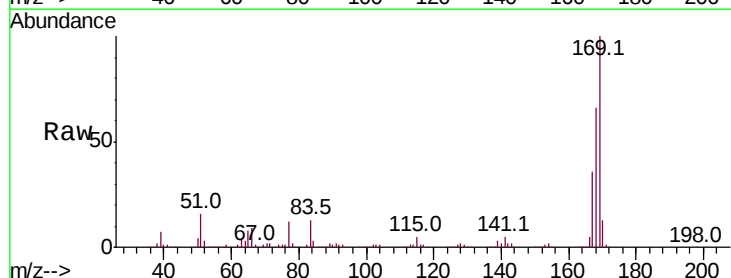


Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF1
Ion 105.00 (104.70 to 105.70): E

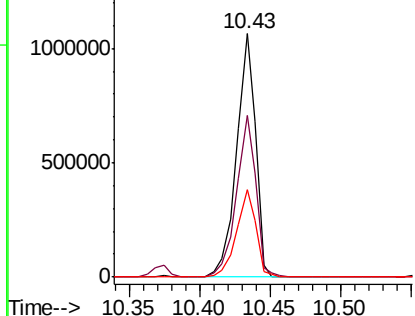
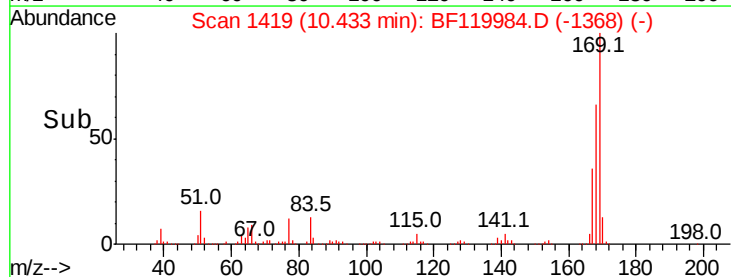


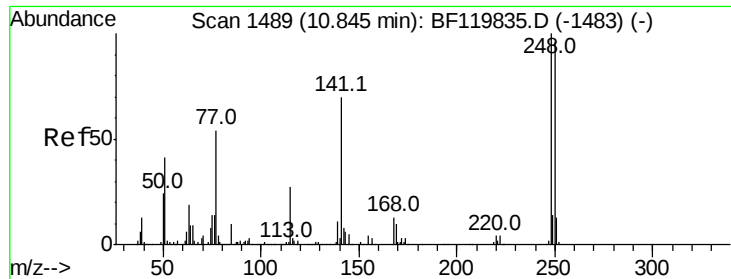
#66
n-Nitrosodiphenylamine
Concen: 42.490 ng
RT: 10.43 min Scan# 1419
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion:169 Resp: 995701
Ion Ratio Lower Upper
169 100
168 66.4 54.2 81.4
167 35.8 28.3 42.5



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

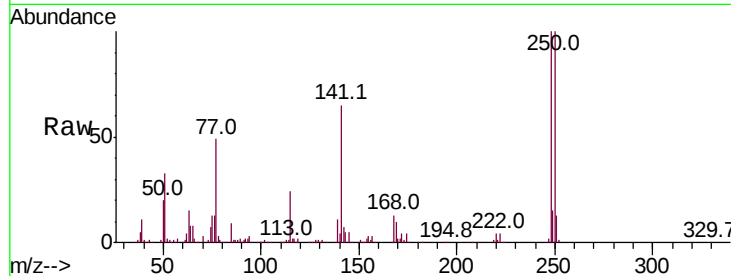




#67
4-Bromophenyl-phenylether
Concen: 37.855 ng
RT: 10.80 min Scan# 1482
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.9	76.6	114.8
141	65.4	55.9	83.9

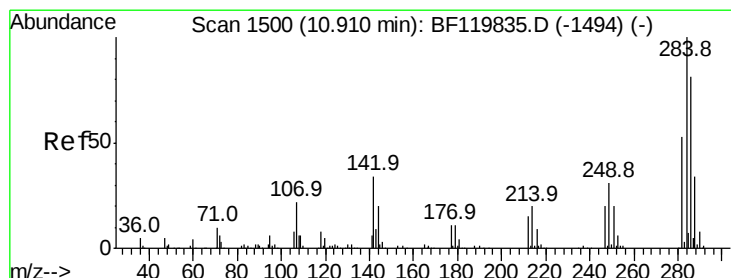
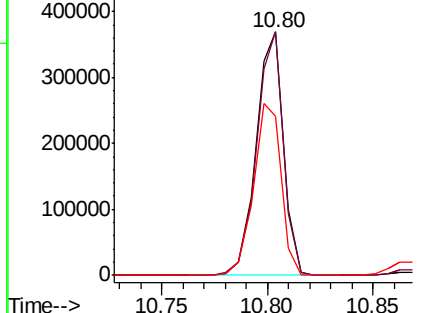
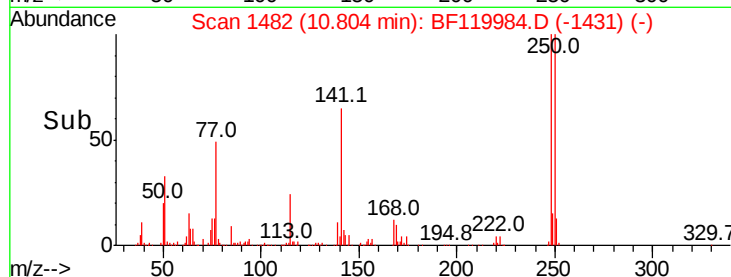


Abundance

Ion 248.00 (247.70 to 248.70): E

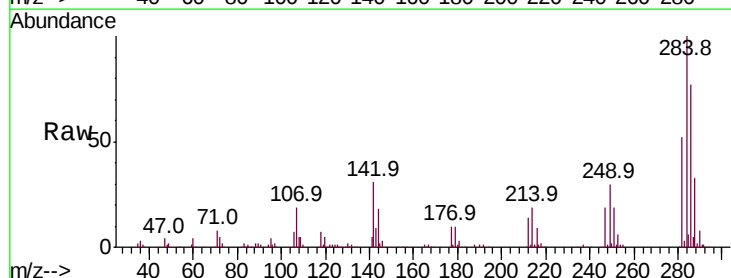
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 39.975 ng
RT: 10.87 min Scan# 1493
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.0	26.9	40.3
249	29.7	24.6	37.0

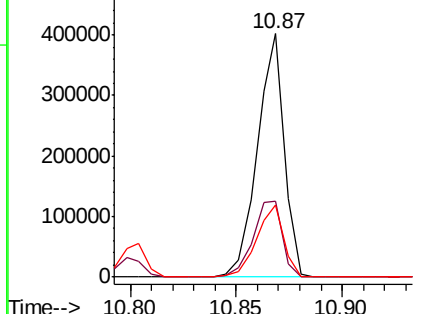
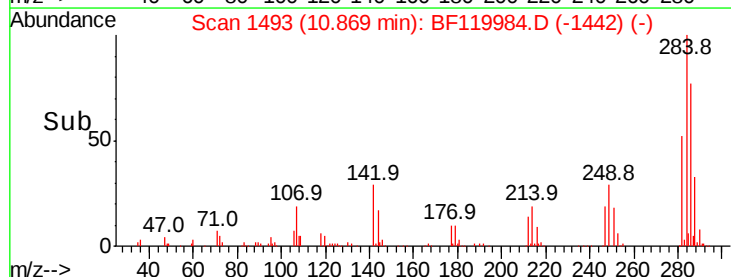


Abundance

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

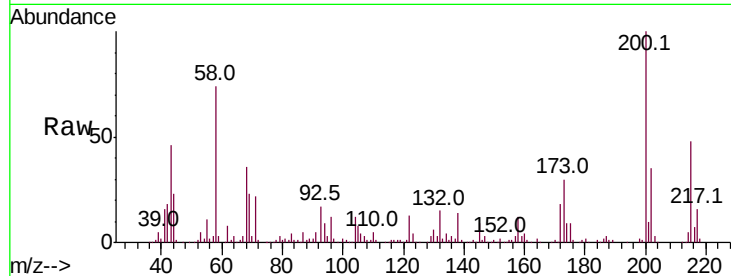




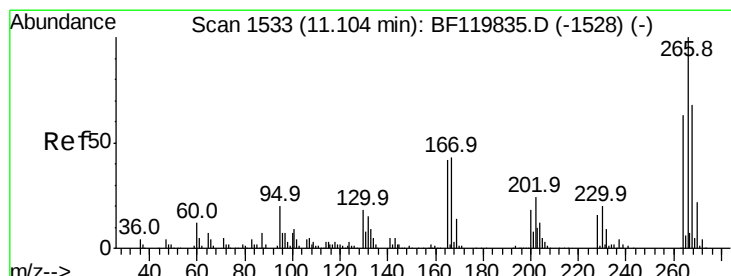
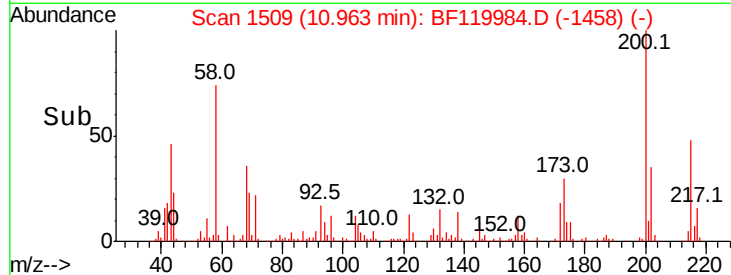
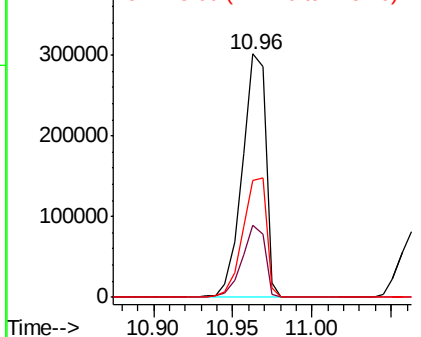
#69
Atrazine
Concen: 47.361 ng
RT: 10.96 min Scan# 1509
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion:200 Resp: 308791
Ion Ratio Lower Upper
200 100
173 29.5 8.0 48.0
215 48.3 27.1 67.1

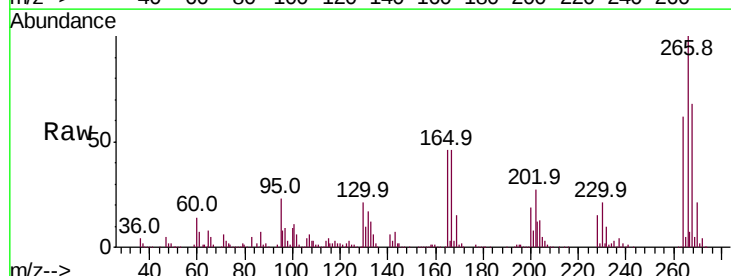


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

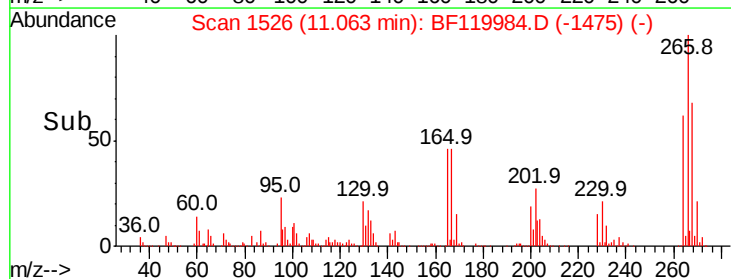
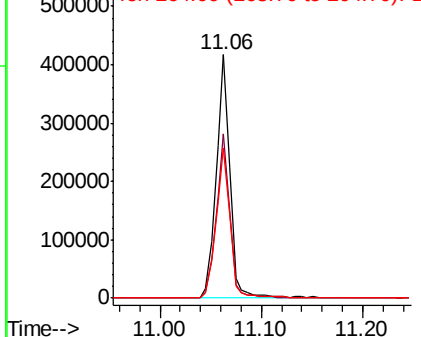


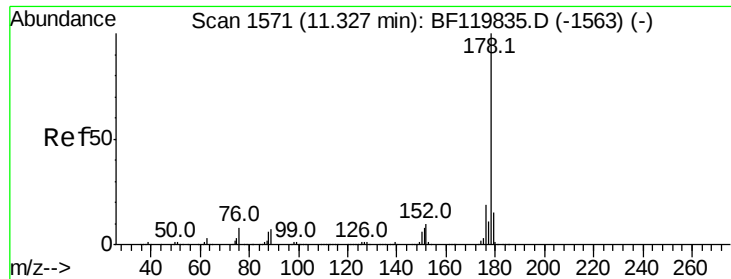
#70
Pentachlorophenol
Concen: 76.395 ng
RT: 11.06 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion:266 Resp: 391352
Ion Ratio Lower Upper
266 100
268 67.7 54.2 81.4
264 61.7 50.6 76.0



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

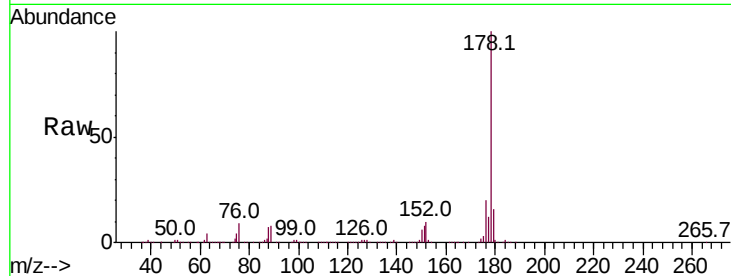




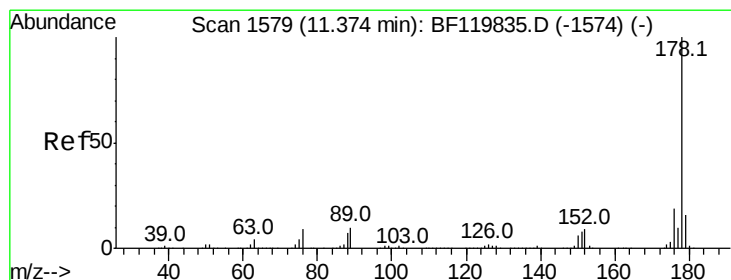
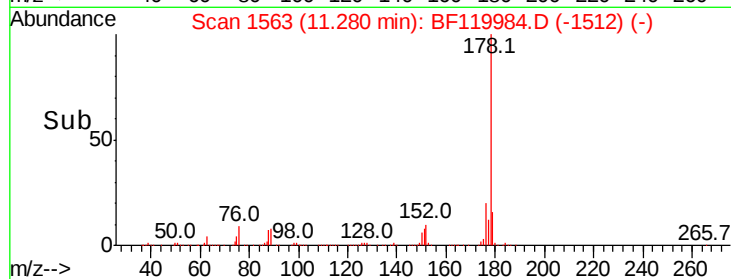
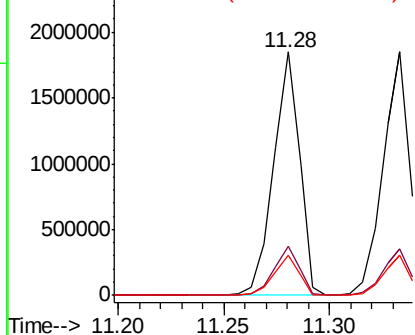
#71
Phenanthrene
Concen: 42.368 ng
RT: 11.28 min Scan# 1563
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion:178 Resp: 1588818
Ion Ratio Lower Upper
178 100
176 20.1 15.1 22.7
179 16.4 12.2 18.4

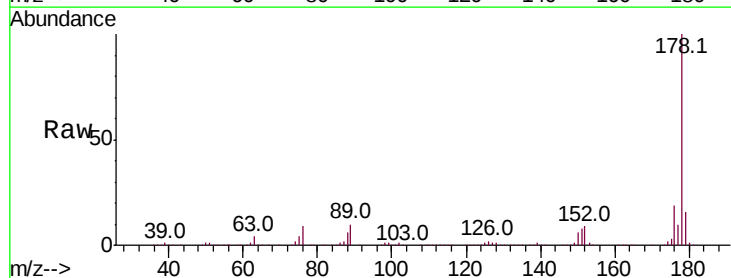


Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

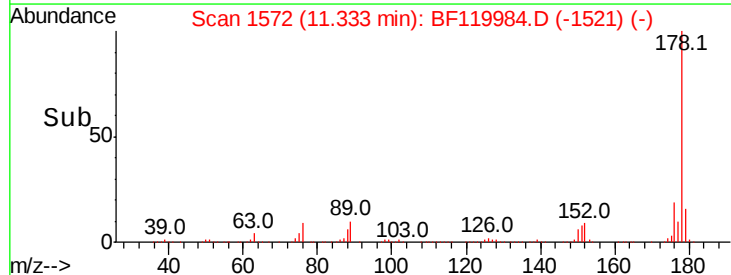
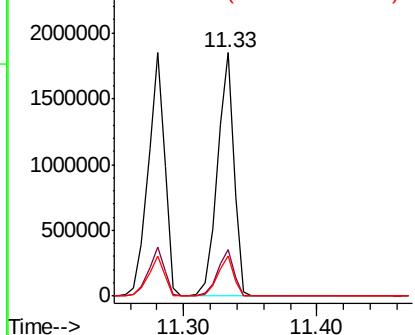


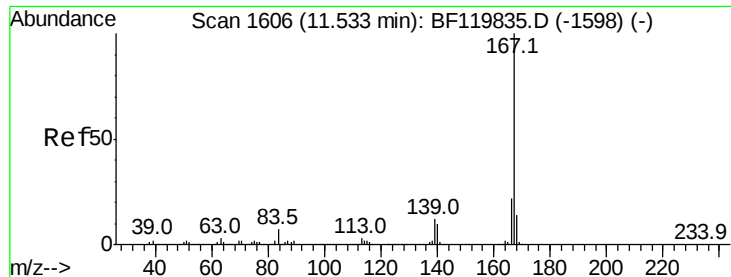
#72
Anthracene
Concen: 42.200 ng
RT: 11.33 min Scan# 1572
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion:178 Resp: 1616644
Ion Ratio Lower Upper
178 100
176 19.3 15.4 23.2
179 16.3 12.8 19.2



Abundance Ion 178.00 (177.70 to 178.70): E
2500000 Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 41.293 ng

RT: 11.49 min Scan# 1598

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB128214BS

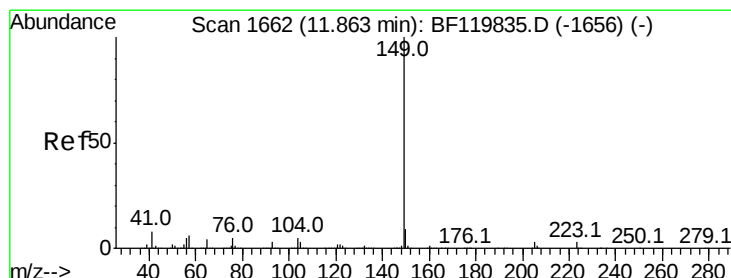
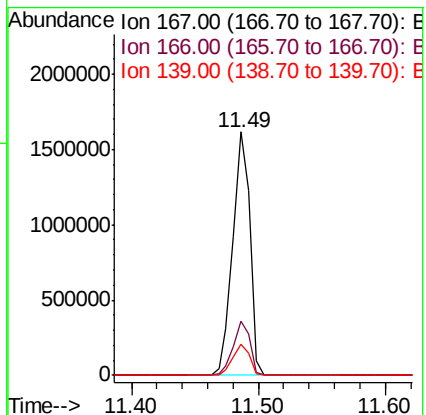
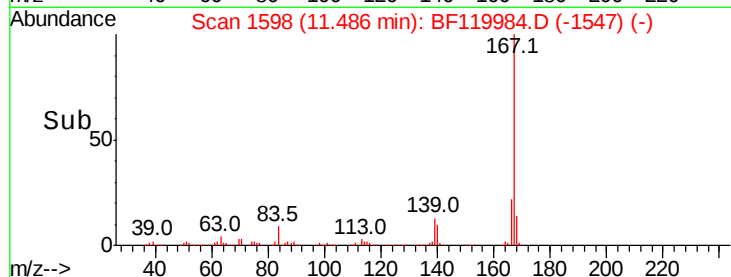
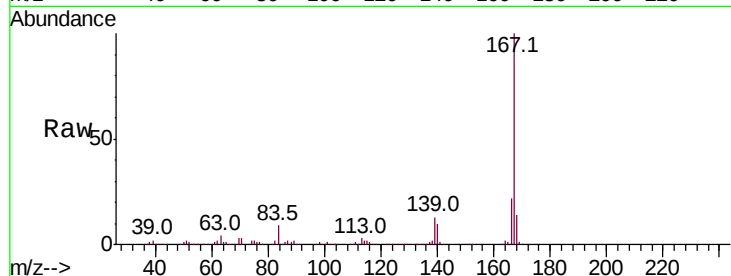
Tot Ion:167 Resp: 1495944

Ion Ratio Lower Upper

167 100

166 22.2 17.4 26.0

139 13.1 9.8 14.8



#74

Di-n-butylphthalate

Concen: 40.566 ng

RT: 11.82 min Scan# 1655

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

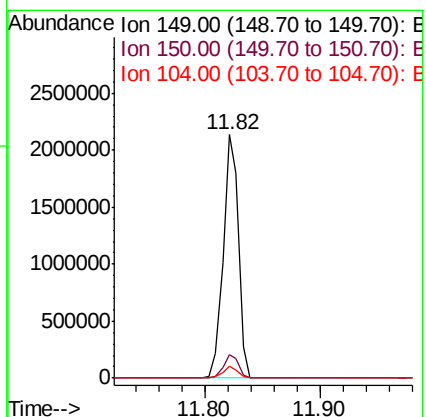
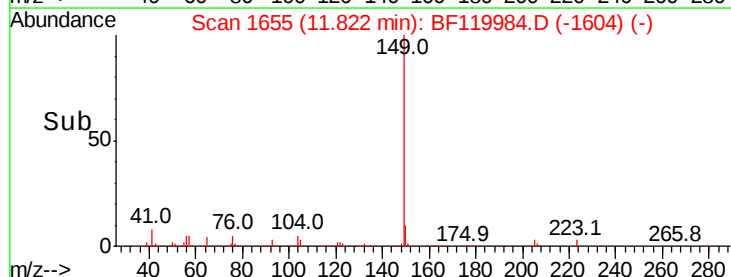
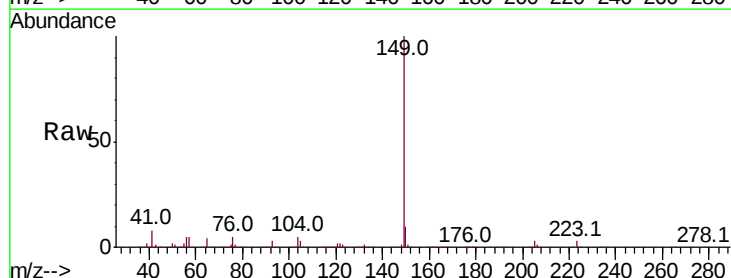
Tgt Ion:149 Resp: 1931963

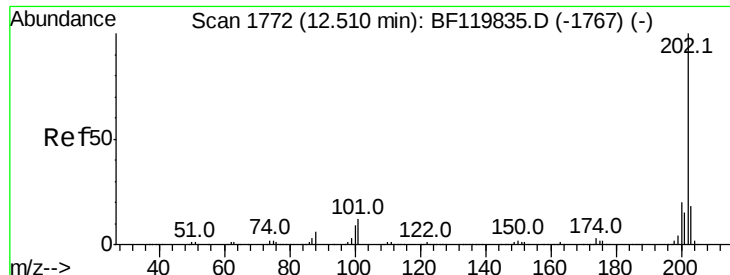
Ion Ratio Lower Upper

149 100

150 9.8 7.6 11.4

104 4.7 3.8 5.6

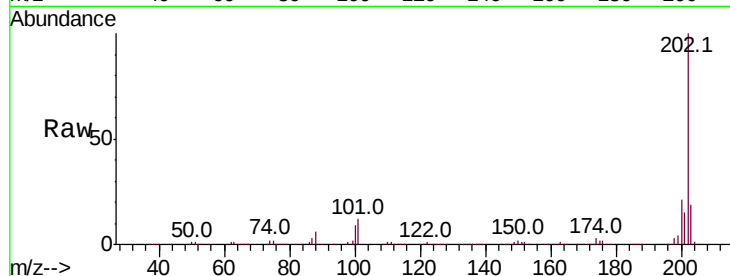




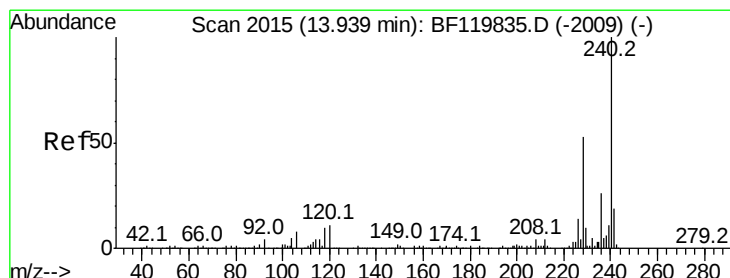
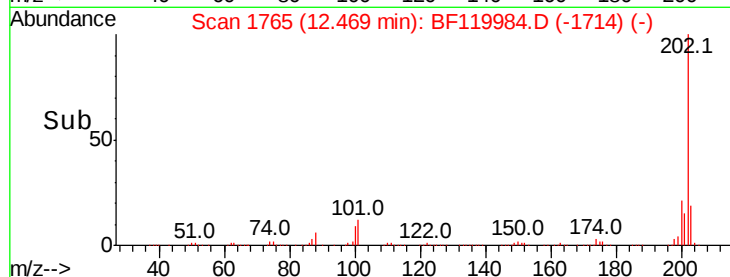
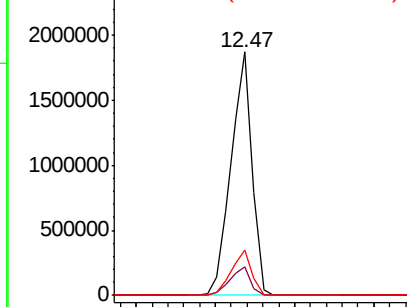
#75
 Fluoranthene
 Concen: 42.333 ng
 RT: 12.47 min Scan# 1765
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

Tot Ion:202 Resp: 1712884
 Ion Ratio Lower Upper
 202 100
 101 11.9 0.0 32.3
 203 18.6 0.0 37.6

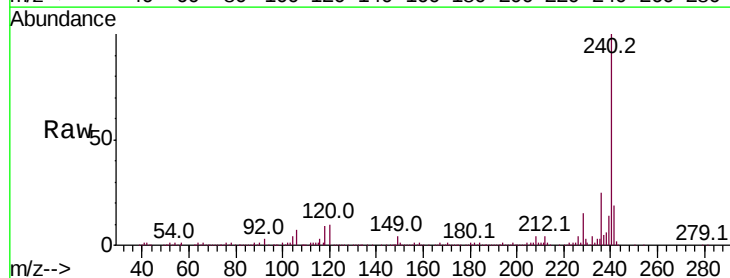


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 101.00 (100.70 to 101.70): E
 Ion 203.00 (202.70 to 203.70): E

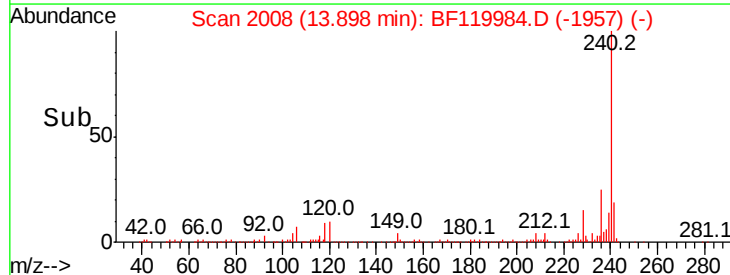
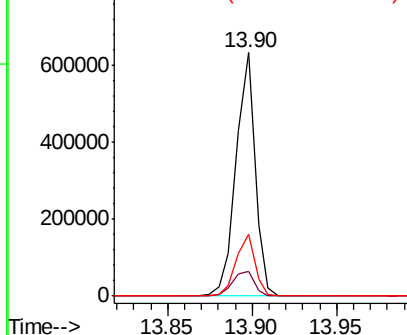


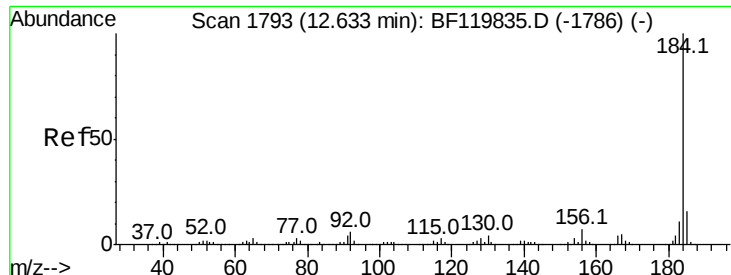
#76
 Chrysene-d12
 Concen: 20.000 ng
 RT: 13.90 min Scan# 2008
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Tgt Ion:240 Resp: 498988
 Ion Ratio Lower Upper
 240 100
 120 9.9 9.0 13.6
 236 25.5 20.7 31.1



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

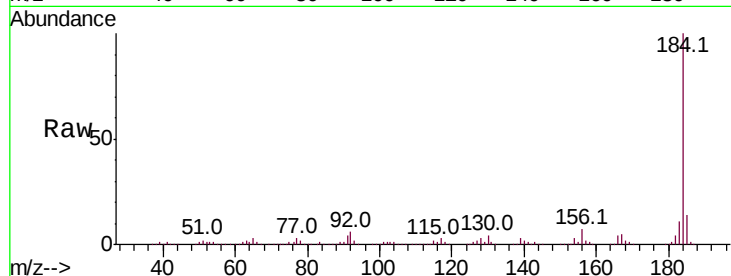




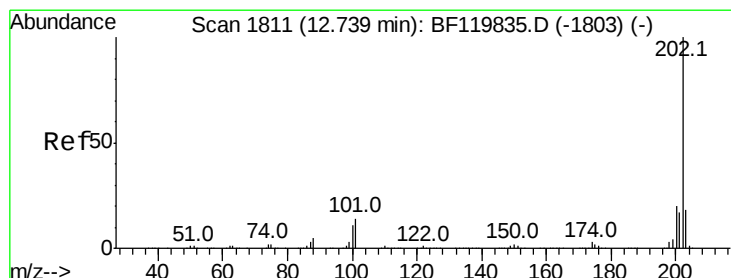
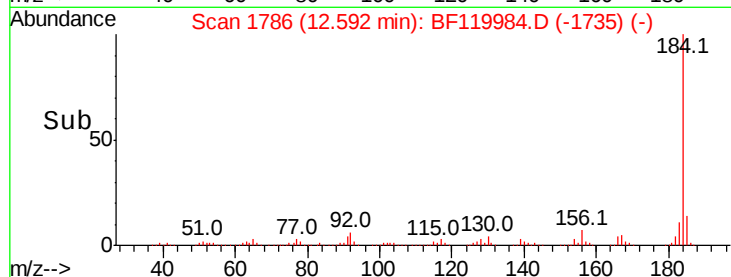
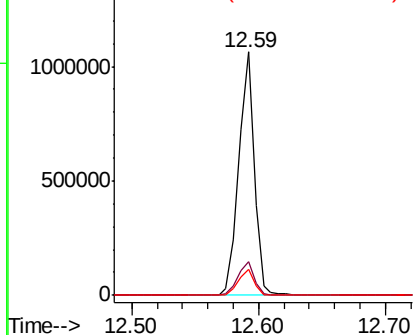
#77
Benzidine
Concen: 53.077 ng
RT: 12.59 min Scan# 1786
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion:184 Resp: 895263
Ion Ratio Lower Upper
184 100
185 14.0 13.2 19.8
183 10.5 9.1 13.7

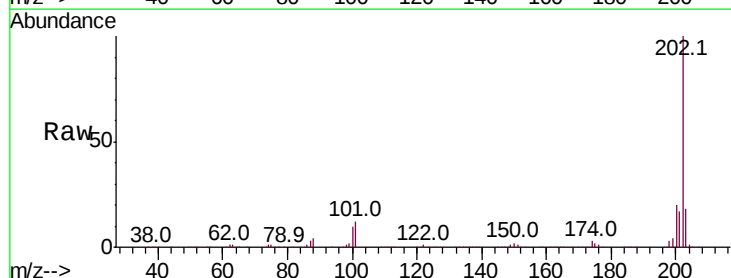


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E

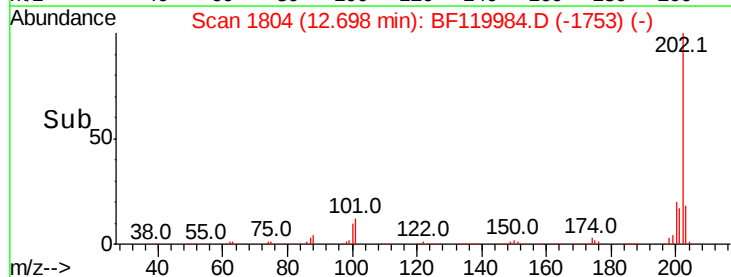
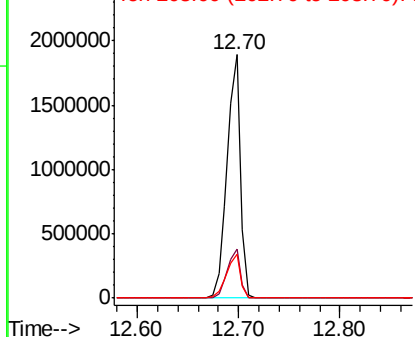


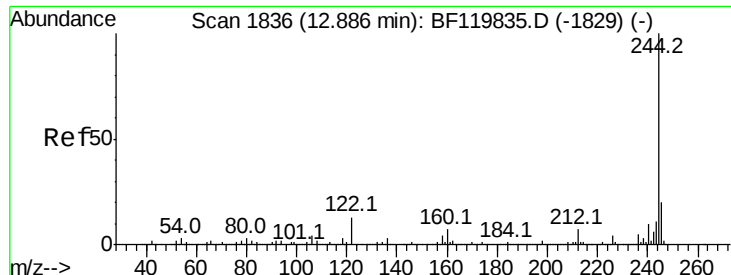
#78
Pyrene
Concen: 41.105 ng
RT: 12.70 min Scan# 1804
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion:202 Resp: 1729111
Ion Ratio Lower Upper
202 100
200 20.4 16.2 24.2
203 18.0 14.1 21.1



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: 76.242 ng

RT: 12.84 min Scan# 1829

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB128214BS

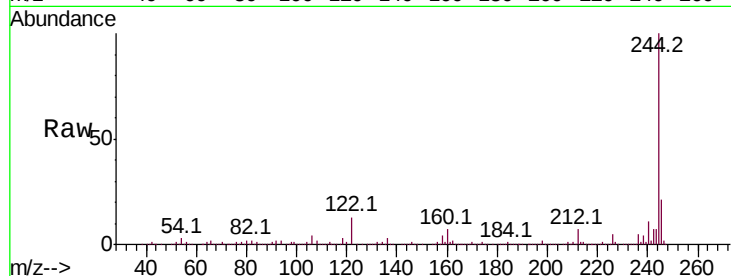
Tot Ion:244 Resp: 2260953

Ion Ratio Lower Upper

244 100

212 7.0 5.4 8.0

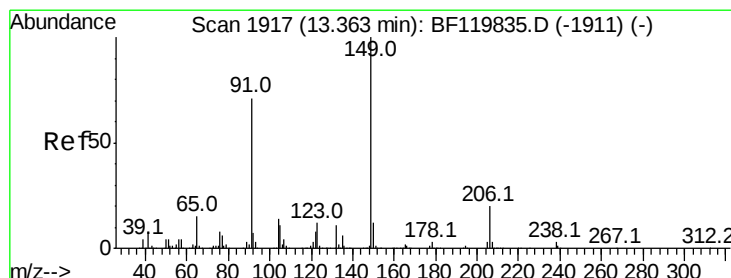
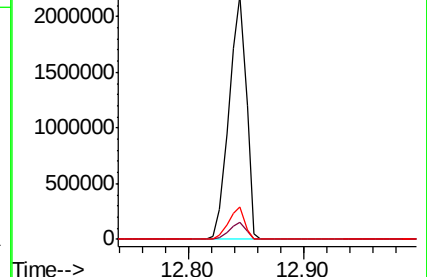
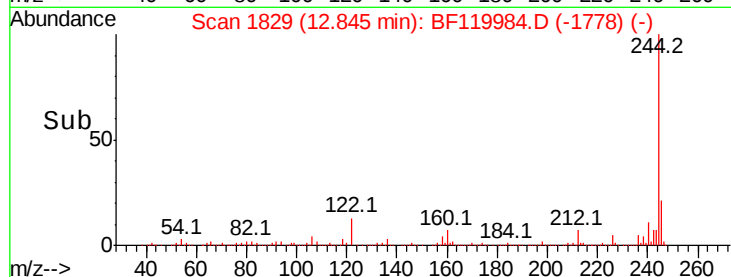
122 13.1 10.3 15.5



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 39.048 ng

RT: 13.32 min Scan# 1910

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

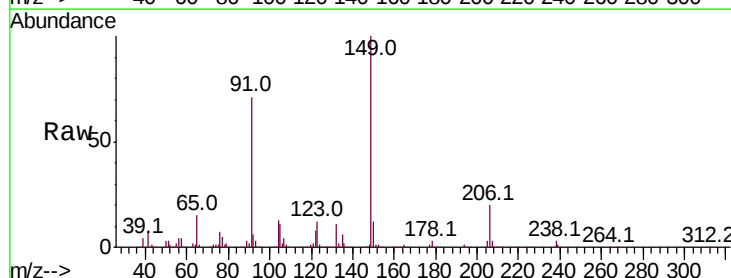
Tgt Ion:149 Resp: 797042

Ion Ratio Lower Upper

149 100

91 71.1 56.7 85.1

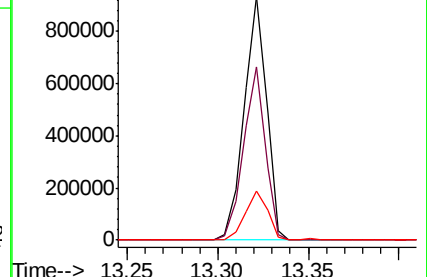
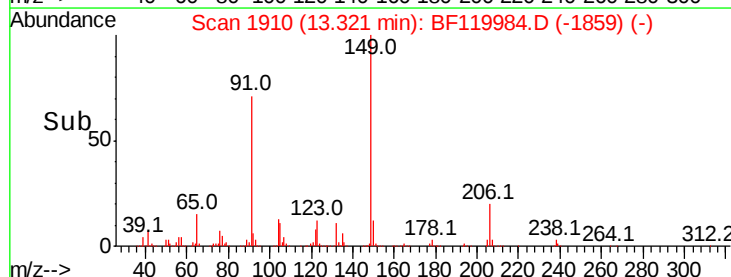
206 20.4 15.7 23.5



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BF1

Ion 206.00 (205.70 to 206.70): E

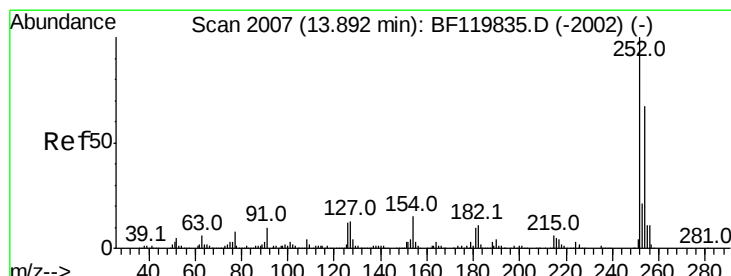
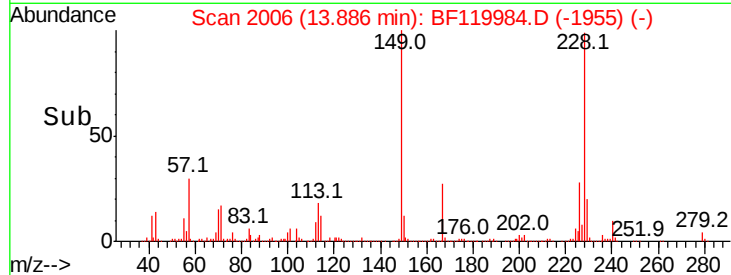
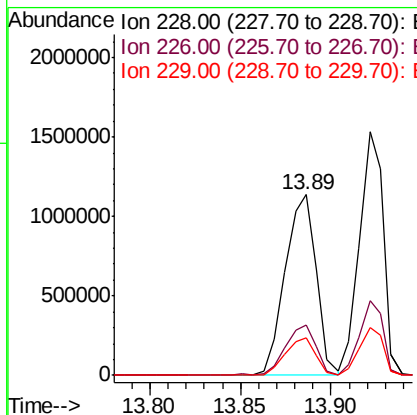
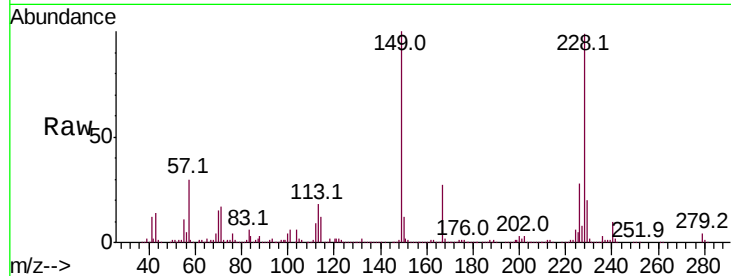




#81
 Benzo(a)anthracene
 Concen: 41.568 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

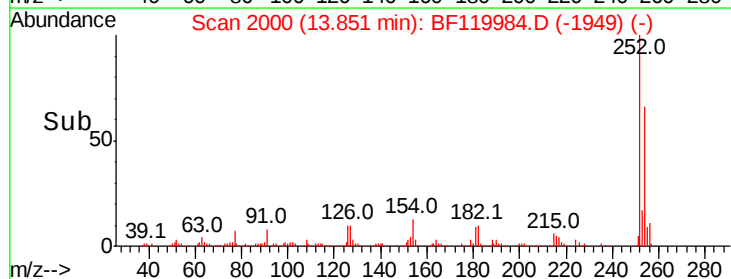
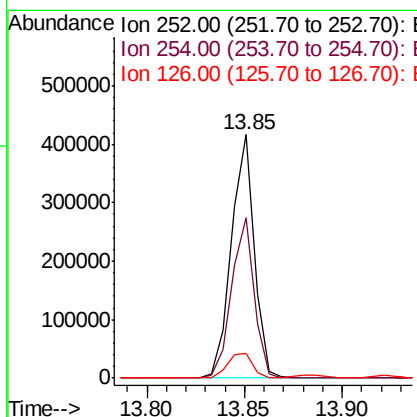
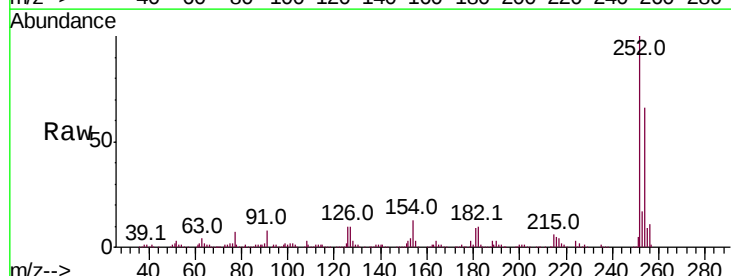
Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

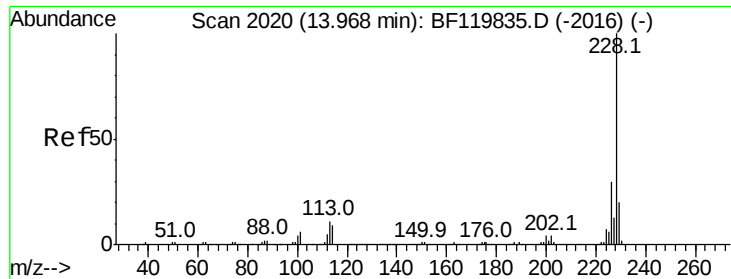
Tot Ion:	228	Resp:	1364543
Ion	Ratio	Lower	Upper
228	100		
226	27.9	21.9	32.9
229	20.5	15.9	23.9



#82
 3,3'-Dichlorobenzidine
 Concen: 27.604 ng
 RT: 13.85 min Scan# 2000
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Tgt Ion:	252	Resp:	338099
Ion	Ratio	Lower	Upper
252	100		
254	66.0	53.9	80.9
126	10.2	9.7	14.5



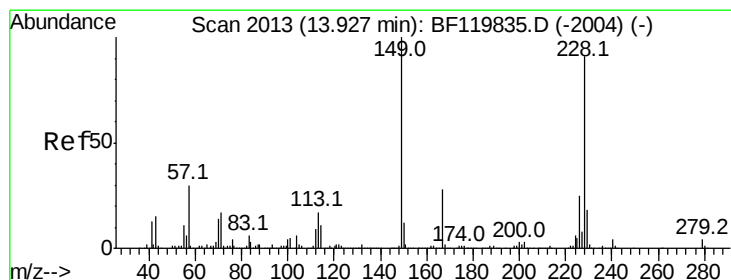
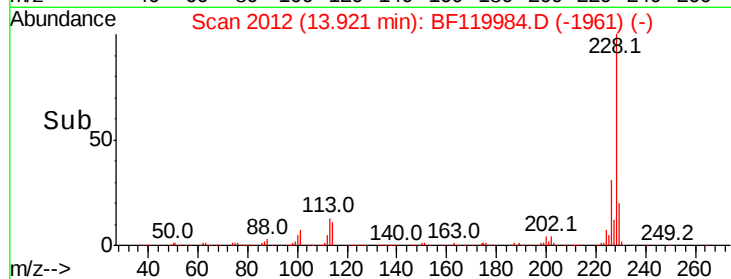
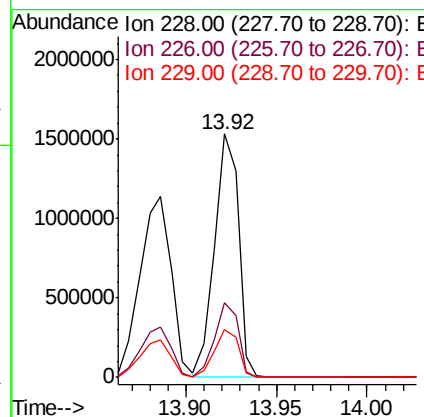
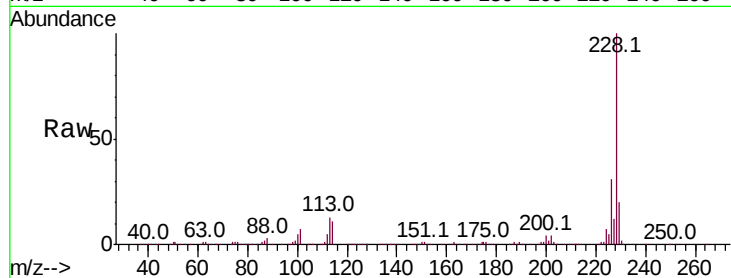


#83
 Chrvsene
 Concen: 42.299 ng
 RT: 13.92 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Instrument :
 BNA_F
 ClientSampleId :
 PB128214BS

Tot Ion:228 Resp: 1410887

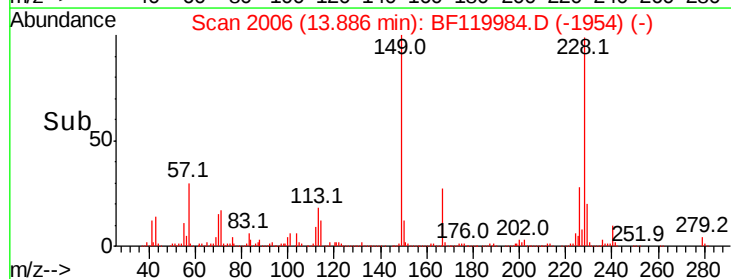
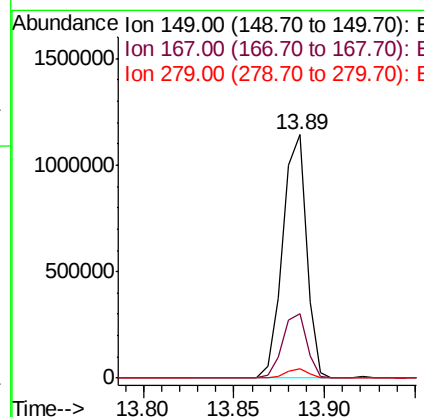
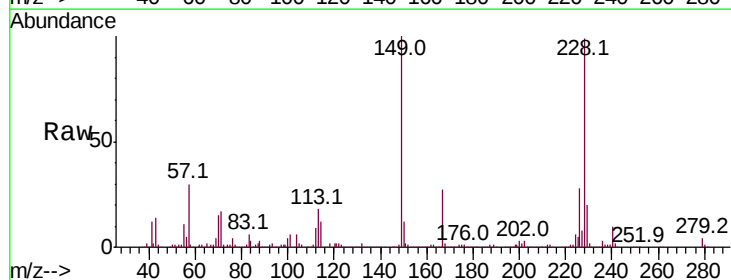
Ion	Ratio	Lower	Upper
228	100		
226	30.8	24.2	36.2
229	19.9	15.9	23.9

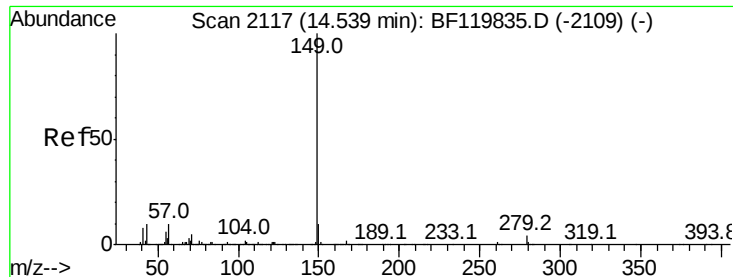


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 37.855 ng
 RT: 13.89 min Scan# 2006
 Delta R.T. 0.01 min
 Lab File: BF119984.D
 Acq: 15 Apr 2020 10:58

Tgt Ion:149 Resp: 1046363

Ion	Ratio	Lower	Upper
149	100		
167	26.7	22.2	33.2
279	3.9	3.4	5.0

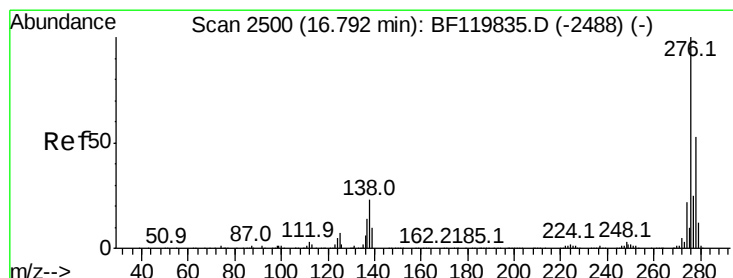
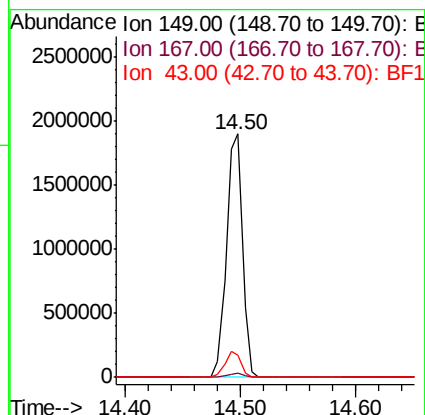
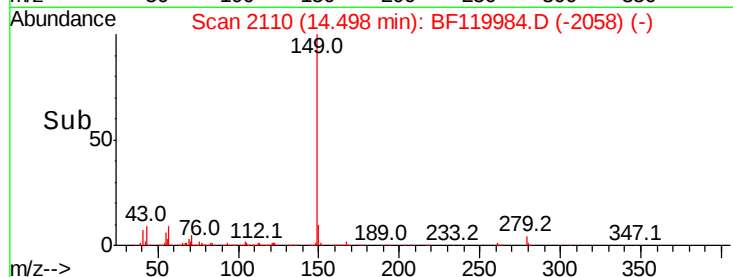
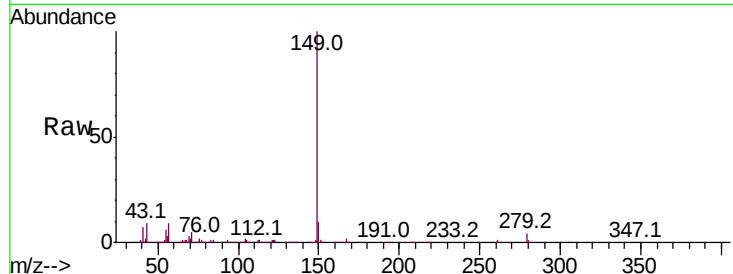




#85
Di-n-octyl phthalate
Concen: 38.857 ng
RT: 14.50 min Scan# 2110
Delta R.T. 0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

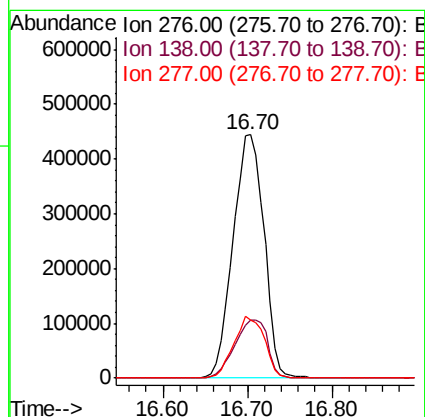
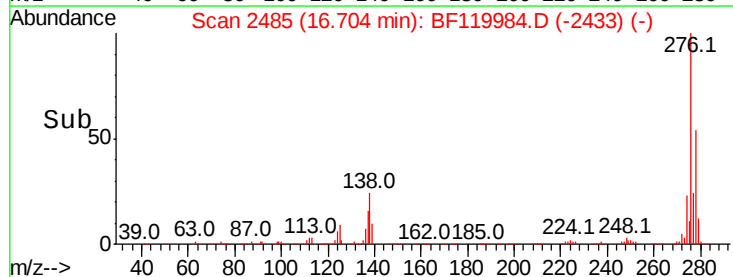
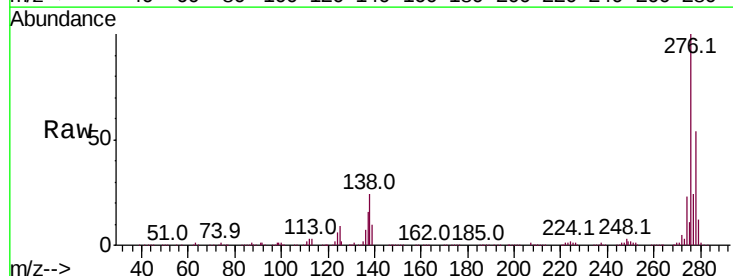
Instrument :
BNA_F
ClientSampleId :
PB128214BS

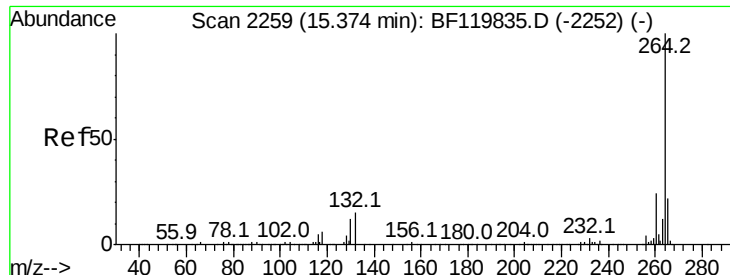
Tot Ion:149 Resp: 1828795
Ion Ratio Lower Upper
149 100
167 1.5 1.2 1.8
43 10.4 9.2 13.8



#86
Indeno(1,2,3-cd)pyrene
Concen: 38.328 ng
RT: 16.70 min Scan# 2485
Delta R.T. 0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion:276 Resp: 1126918
Ion Ratio Lower Upper
276 100
138 25.5 18.0 27.0
277 25.1 20.1 30.1



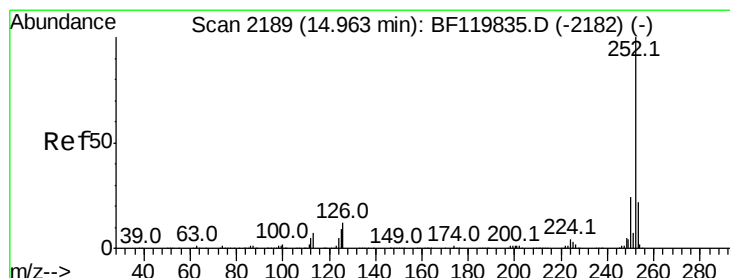
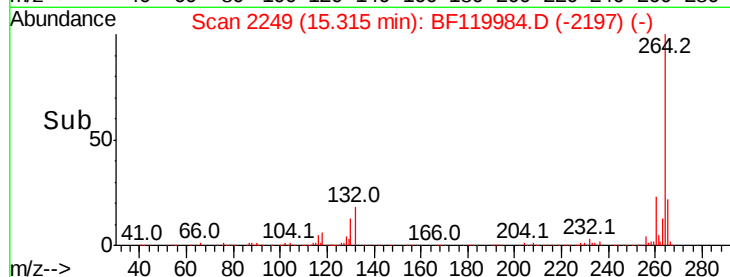
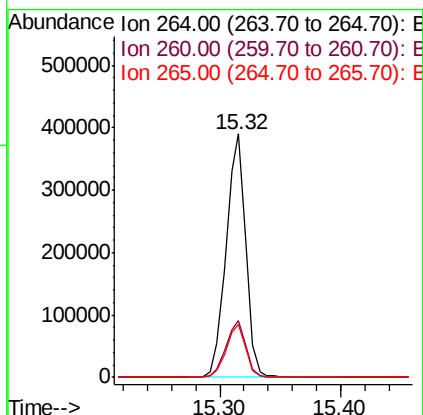
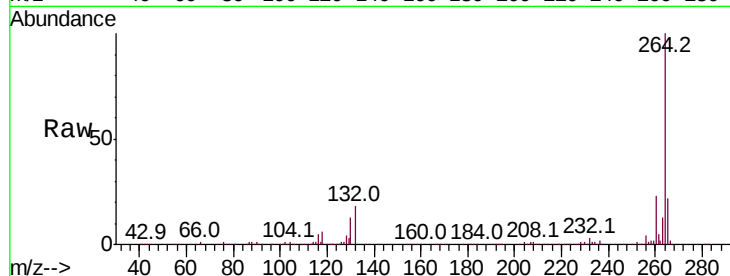


#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.32 min Scan# 2249
Delta R.T. 0.01 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Instrument :
BNA_F
ClientSampleId :
PB128214BS

Tot Ion:264 Resp: 435413

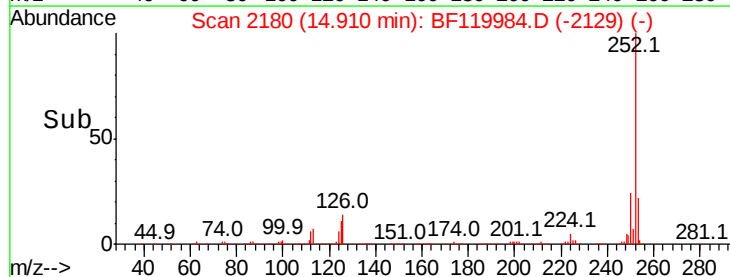
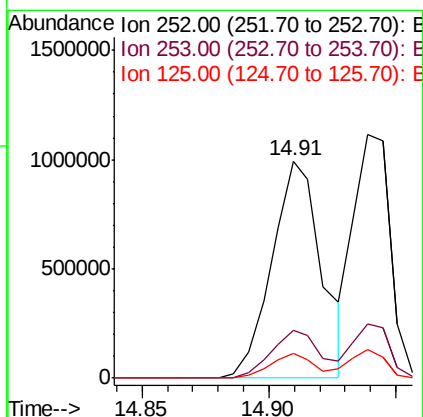
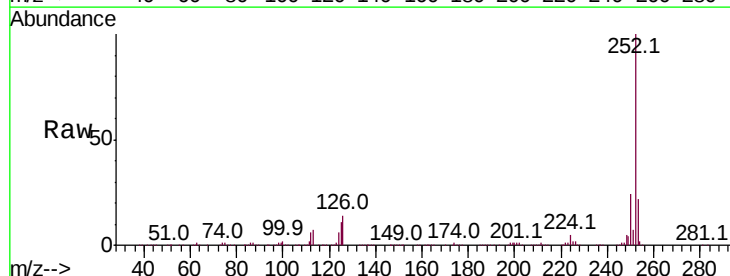
Ion	Ratio	Lower	Upper
264	100		
260	23.1	19.3	28.9
265	21.9	17.6	26.4



#88
Benzo(b)fluoranthene
Concen: 43.492 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion:252 Resp: 1362280

Ion	Ratio	Lower	Upper
252	100		
253	22.1	17.7	26.5
125	11.2	7.4	11.2#

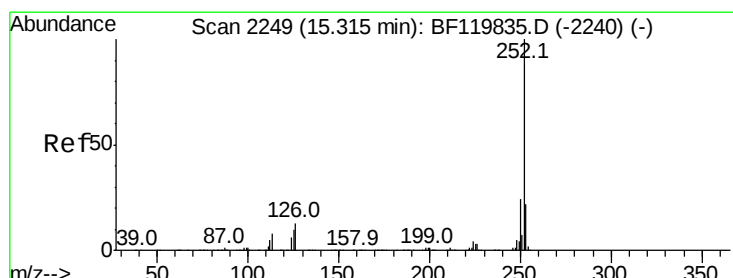
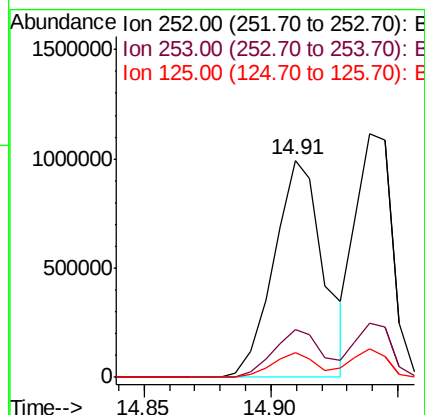
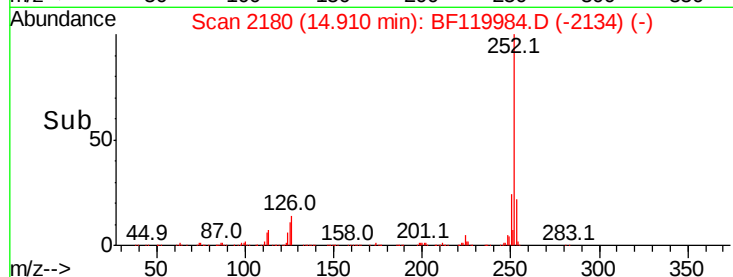
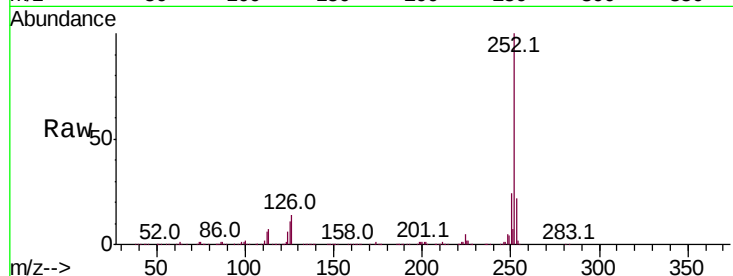




#89
Benzo(k)fluoranthene
Concen: 50.407 ng
RT: 14.91 min Scan# 2180
Delta R.T. -0.03 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

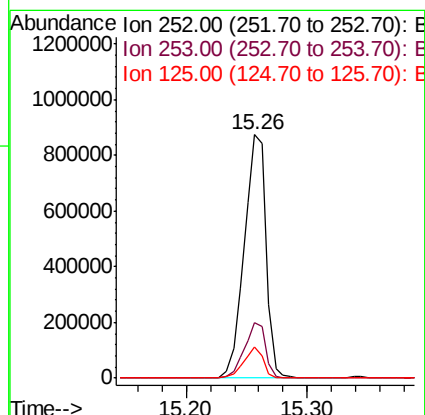
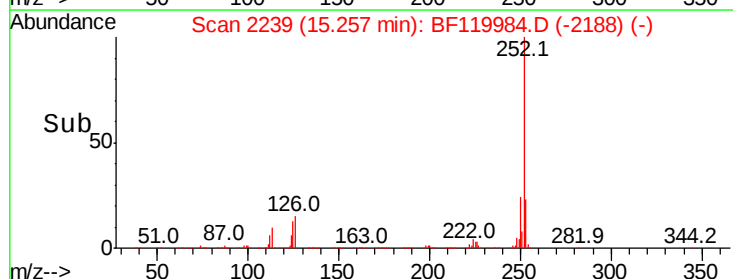
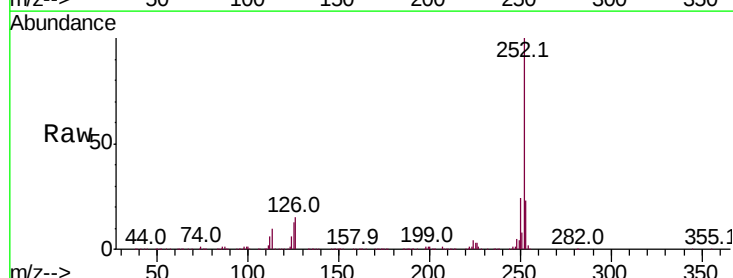
Instrument :
BNA_F
ClientSampleId :
PB128214BS

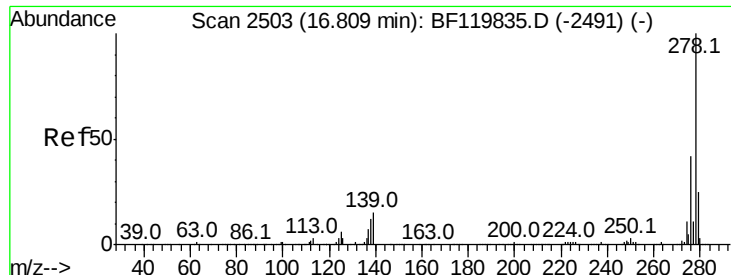
Tot Ion:252 Resp: 1362280
Ion Ratio Lower Upper
252 100
253 22.1 17.8 26.8
125 11.2 7.7 11.5



#90
Benzo(a)pyrene
Concen: 42.067 ng
RT: 15.26 min Scan# 2239
Delta R.T. -0.00 min
Lab File: BF119984.D
Acq: 15 Apr 2020 10:58

Tgt Ion:252 Resp: 1107872
Ion Ratio Lower Upper
252 100
253 22.7 17.4 26.2
125 12.8 8.3 12.5#





#91

Dibenzo(a,h)anthracene

Concen: 40.575 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

Instrument :

BNA_F

ClientSampleId :

PB128214BS

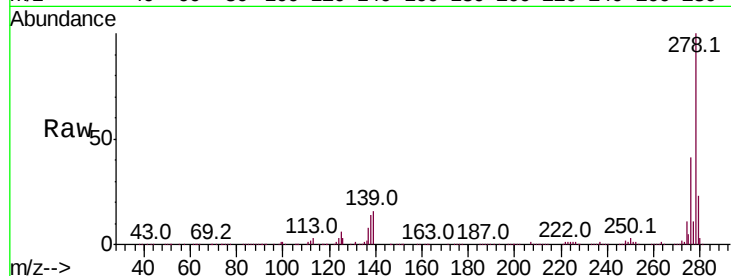
Tot Ion:278 Resp: 946542

Ion Ratio Lower Upper

278 100

139 15.6 11.6 17.4

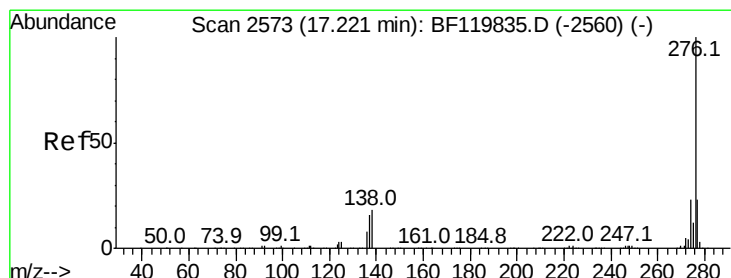
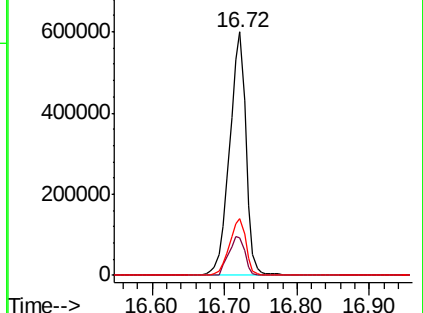
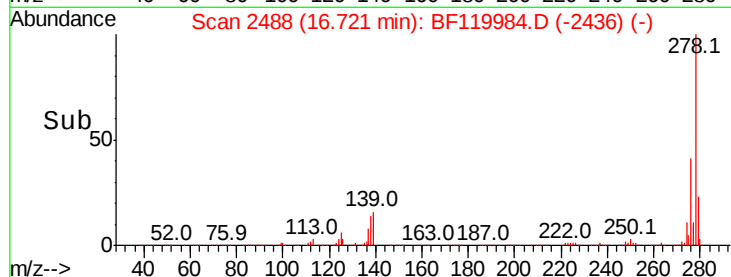
279 23.4 19.7 29.5



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: 39.277 ng

RT: 17.12 min Scan# 2556

Delta R.T. -0.00 min

Lab File: BF119984.D

Acq: 15 Apr 2020 10:58

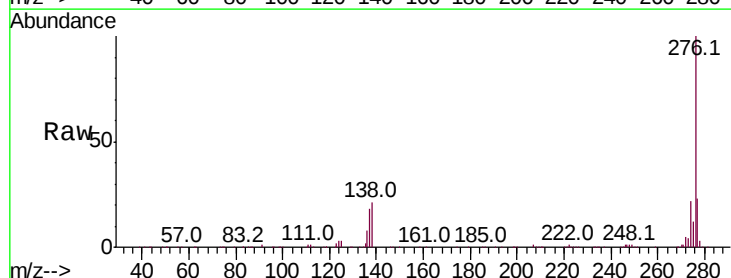
Tgt Ion:276 Resp: 904433

Ion Ratio Lower Upper

276 100

277 23.0 18.5 27.7

138 20.5 14.6 22.0



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

