

Data File : BF119276.D
Acq On : 7 Mar 2020 4:58
Operator : CG/JU
Sample : PB127331BS
Misc :
ALS Vial : 25 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Quant Time: Mar 09 04:07:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.73	152	143032	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	538794	20.00	ng	0.00
39) Acenaphthene-d10	9.76	164	263682	20.00	ng	0.00
64) Phenanthrene-d10	11.24	188	457192	20.00	ng	0.00
76) Chrysene-d12	13.89	240	391820	20.00	ng	0.00
87) Perylene-d12	15.31	264	199709	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.36	112	945057	110.42	ng	0.01
7) Phenol-d6	6.39	99	1149064	110.39	ng	0.01
23) Nitrobenzene-d5	7.30	82	739475	72.47	ng	0.00
42) 2,4,6-Tribromophenol	10.56	330	363811	105.47	ng	0.00
45) 2-Fluorobiphenyl	9.09	172	1401487	78.30	ng	0.00
79) Terphenyl-d14	12.83	244	1411106	62.00	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	2.43	88	106264	27.886	ng	98
3) Pyridine	3.17	79	274537	26.380	ng	95
4) n-Nitrosodimethylamine	3.10	42	114268	36.246	ng	98
6) Aniline	6.40	93	225642	17.568	ng	# 59
8) 2-Chlorophenol	6.52	128	357264	38.680	ng	99
10) Phenol	6.40	94	419121	37.242	ng	80
11) bis(2-Chloroethyl)ether	6.47	93	323329	37.549	ng	99
12) 1,3-Dichlorobenzene	6.67	146	385866	34.855	ng	99
13) 1,4-Dichlorobenzene	6.75	146	394692	35.628	ng	97
14) 1,2-Dichlorobenzene	6.90	146	365989	36.225	ng	99
15) Benzyl Alcohol	6.88	79	290165	38.571	ng	98
16) 2,2'-oxybis(1-Chloropropan	7.00	45	261992	35.123	ng	# 26
17) 2-Methylphenol	7.00	107	283545	37.864	ng	# 92
18) Hexachloroethane	7.23	117	120597	30.428	ng	97
19) n-Nitroso-di-n-propylamine	7.15	70	238008	39.241	ng	98
20) 3+4-Methylphenols	7.16	107	376679	41.057	ng	# 86
22) Acetophenone	7.14	105	493864	39.616	ng	95
24) Nitrobenzene	7.32	77	371151	36.780	ng	99
25) Isophorone	7.55	82	653953	36.900	ng	98
26) 2-Nitrophenol	7.63	139	187012	34.977	ng	97
27) 2,4-Dimethylphenol	7.67	122	290906	40.089	ng	97
28) bis(2-Chloroethoxy)methane	7.76	93	395961	34.326	ng	99
29) 2,4-Dichlorophenol	7.89	162	309060	36.178	ng	98
30) 1,2,4-Trichlorobenzene	7.95	180	341340	33.701	ng	98
31) Naphthalene	8.03	128	1003602	35.916	ng	99
32) Benzoic acid	7.85	122	159410	32.597	ng	98
33) 4-Chloroaniline	8.09	127	254664	21.190	ng	99
34) Hexachlorobutadiene	8.15	225	206803	32.779	ng	98
35) Caprolactam	8.47	113	59324	22.553	ng	94
36) 4-Chloro-3-methylphenol	8.59	107	325536	37.653	ng	97
37) 2-Methylnaphthalene	8.72	142	689282	36.655	ng	99
38) 1-Methylnaphthalene	8.82	142	644642	36.452	ng	99
40) 1,2,4,5-Tetrachlorobenzene	8.89	216	347787	39.120	ng	99
41) Hexachlorocyclopentadiene	8.87	237	883	9.635	ng	91

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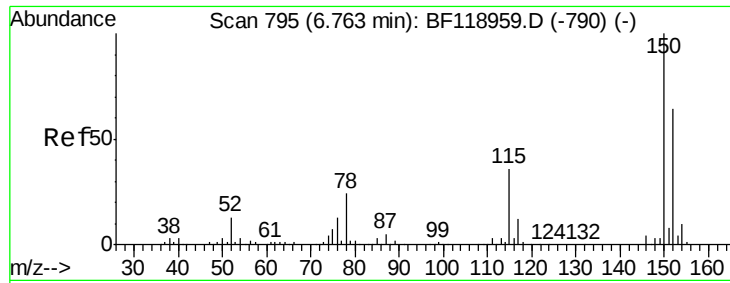
Quant Time: Mar 09 04:07:46 2020
Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF022020.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Mar 06 23:38:46 2020
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
43) 2,4,6-Trichlorophenol	9.01	196	217000	38.652	ng	98
44) 2,4,5-Trichlorophenol	9.06	196	222883	37.833	ng	98
46) 1,1'-Biphenyl	9.19	154	837114	39.281	ng	98
47) 2-Chloronaphthalene	9.21	162	652752	38.010	ng	98
48) 2-Nitroaniline	9.32	65	193731	40.445	ng	97
49) Acenaphthylene	9.62	152	962532	38.806	ng	99
50) Dimethylphthalate	9.49	163	794324	39.395	ng	99
51) 2,6-Dinitrotoluene	9.56	165	172923	38.602	ng	90
52) Acenaphthene	9.80	154	583701	39.028	ng	100
53) 3-Nitroaniline	9.73	138	142557	28.705	ng	96
54) 2,4-Dinitrophenol	9.86	184	29263	19.660	ng	92
55) Dibenzofuran	9.97	168	854172	38.264	ng	99
56) 4-Nitrophenol	9.92	139	174772	58.573	ng	98
57) 2,4-Dinitrotoluene	9.97	165	209568	36.092	ng	92
58) Fluorene	10.31	166	688630	39.698	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.10	232	179071	36.023	ng	98
60) Diethylphthalate	10.19	149	765032	40.262	ng	99
61) 4-Chlorophenyl-phenylether	10.30	204	360165	39.226	ng	99
62) 4-Nitroaniline	10.35	138	156899	30.879	ng	94
63) Azobenzene	10.46	77	649439	39.321	ng	99
65) 4,6-Dinitro-2-methylphenol	10.39	198	32075	11.594	ng	97
66) n-Nitrosodiphenylamine	10.42	169	616573	41.187	ng	99
67) 4-Bromophenyl-phenylether	10.79	248	227747	38.110	ng	99
68) Hexachlorobenzene	10.86	284	247945	35.986	ng	97
69) Atrazine	10.94	200	50825	9.717	ng	97
70) Pentachlorophenol	11.07	266	288070	103.790	ng	100
71) Phenanthrene	11.27	178	927018	37.180	ng	98
72) Anthracene	11.32	178	908961	36.486	ng	98
73) Carbazole	11.48	167	832226	37.498	ng	99
74) Di-n-butylphthalate	11.80	149	1083927	40.329	ng	99
75) Fluoranthene	12.46	202	942525	35.613	ng	98
77) Benzidine	12.58	184	149392	9.375	ng	98
78) Pyrene	12.69	202	941852	29.936	ng	99
80) Butylbenzylphthalate	13.30	149	418236	31.585	ng	100
81) Benzo(a)anthracene	13.87	228	914180	34.242	ng	99
82) 3,3'-Dichlorobenzidine	13.83	252	341170	32.910	ng	# 98
83) Chrysene	13.92	228	853157	32.072	ng	98
84) Bis(2-ethylhexyl)phthalate	13.86	149	571911	34.187	ng	99
85) Di-n-octyl phthalate	14.46	149	957225	35.912	ng	99
86) Indeno(1,2,3-cd)pyrene	16.72	276	635180	24.660	ng	99
88) Benzo(b)fluoranthene	14.91	252	858747	65.236	ng	98
89) Benzo(k)fluoranthene	14.93	252	779290	63.881	ng	99
90) Benzo(a)pyrene	15.26	252	702662	59.144	ng	98
91) Dibenzo(a,h)anthracene	16.72	278	556063	53.194	ng	99
92) Benzo(g,h,i)perylene	17.14	276	505978	48.988	ng	98

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

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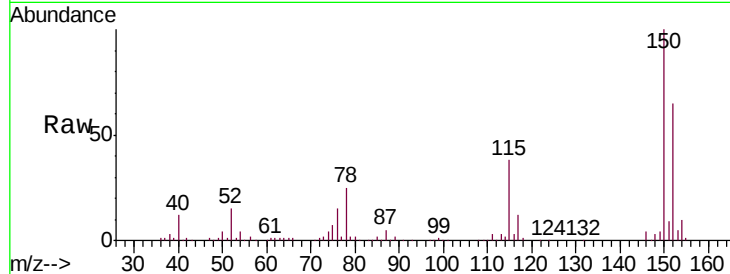


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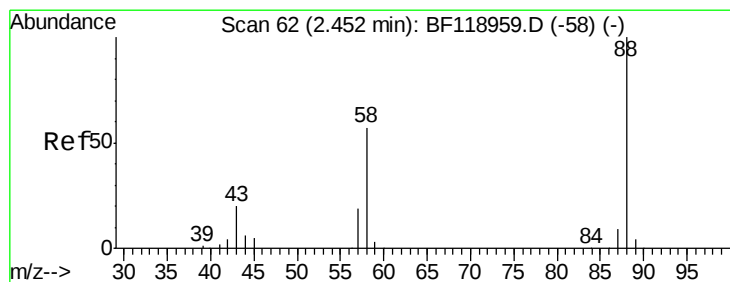
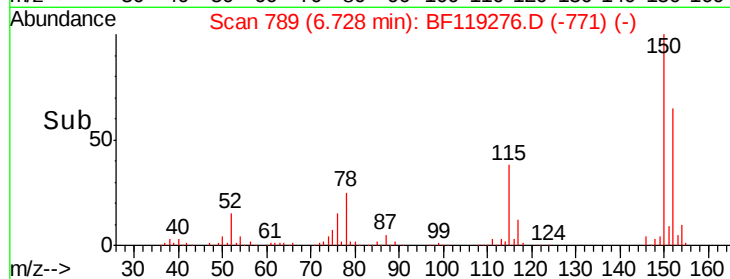
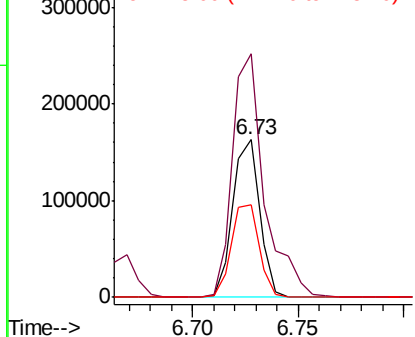
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.73 min Scan# 789
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tgt Ion:152 Resp: 143032
Ion Ratio Lower Upper
152 100
150 154.8 123.0 184.6
115 59.0 49.5 74.3



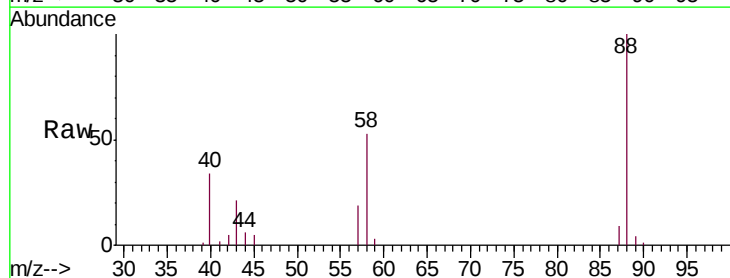
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



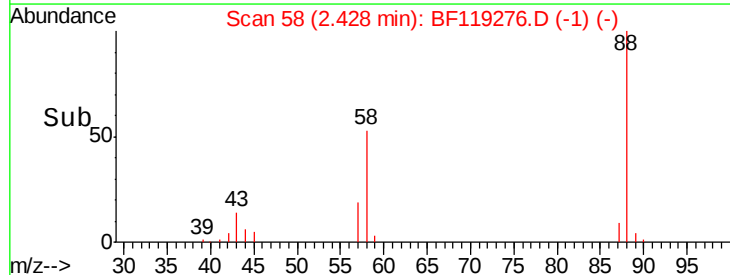
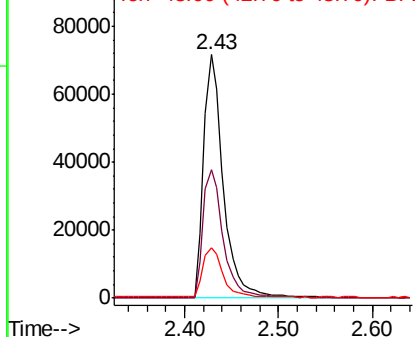
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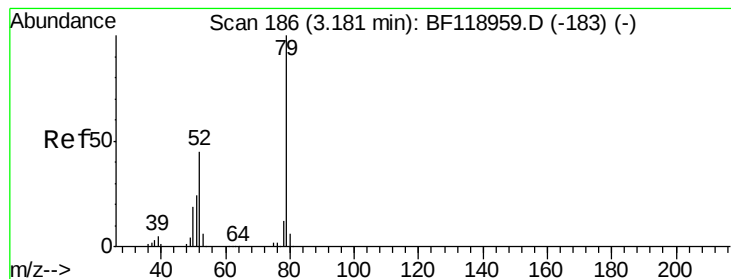
1,4-Dioxane
Concen: 27.886 ng
RT: 2.43 min Scan# 58
Delta R.T. 0.05 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion: 88 Resp: 106264
Ion Ratio Lower Upper
88 100
58 54.3 43.8 65.6
43 22.7 16.2 24.4



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

Pyridine

Concen: 26.380 ng

RT: 3.17 min Scan# 185

Delta R.T. 0.07 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

ClientSampleId :

PB127331BS

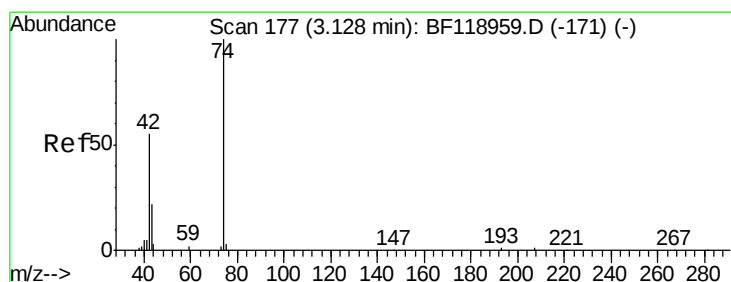
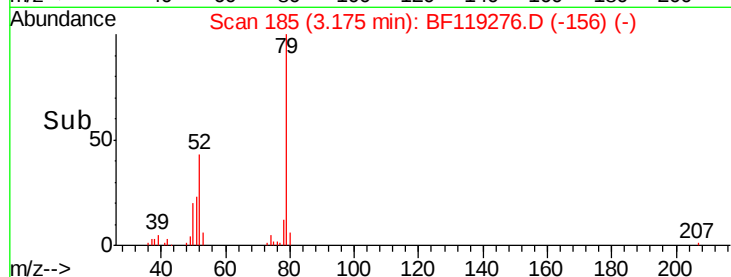
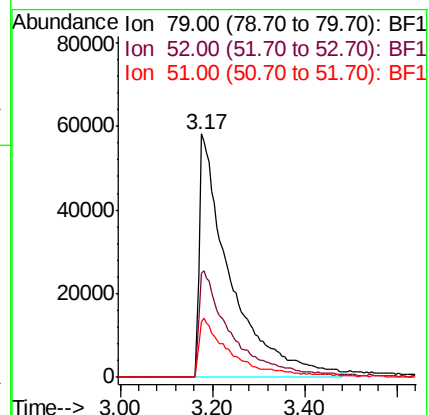
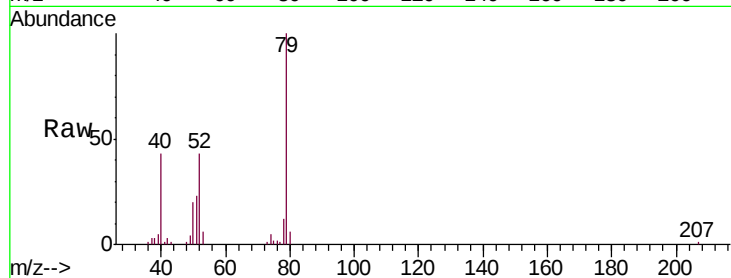
Tgt Ion: 79 Resp: 274537

Ion Ratio Lower Upper

79 100

52 42.8 37.4 56.0

51 22.9 19.8 29.6



#4

n-Nitrosodimethylamine

Concen: 36.246 ng

RT: 3.10 min Scan# 173

Delta R.T. 0.05 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

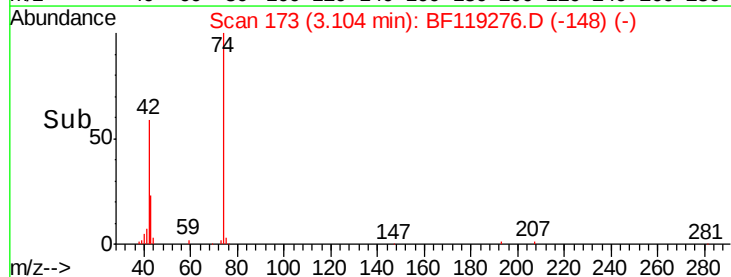
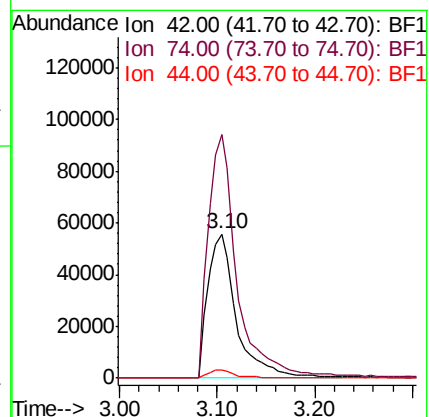
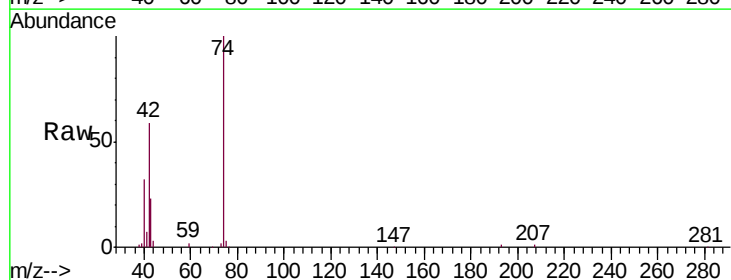
Tgt Ion: 42 Resp: 114268

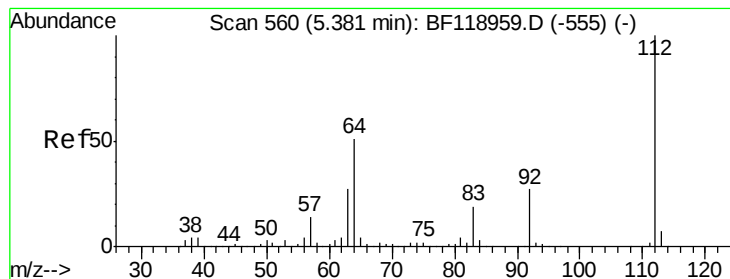
Ion Ratio Lower Upper

42 100

74 168.8 137.7 206.5

44 5.5 4.5 6.7





#5

2-Fluorophenol

Concen: 110.420 ng

RT: 5.36 min Scan# 557

Delta R.T. 0.01 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

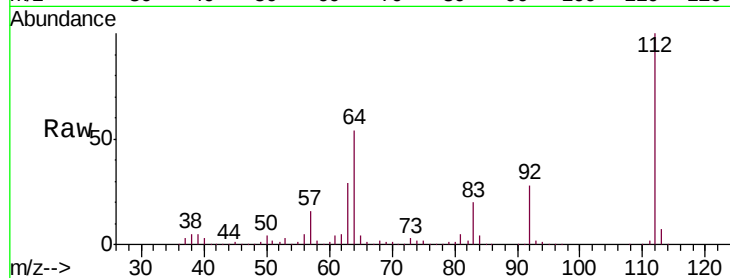
Instrument :

BNA_F

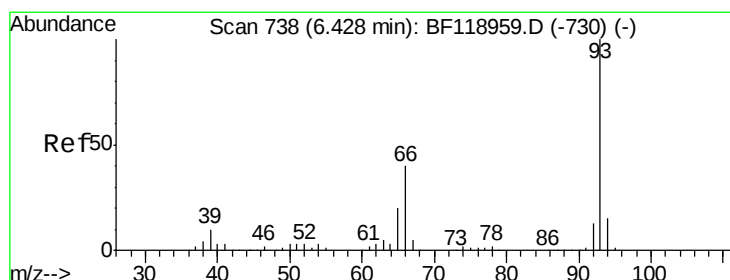
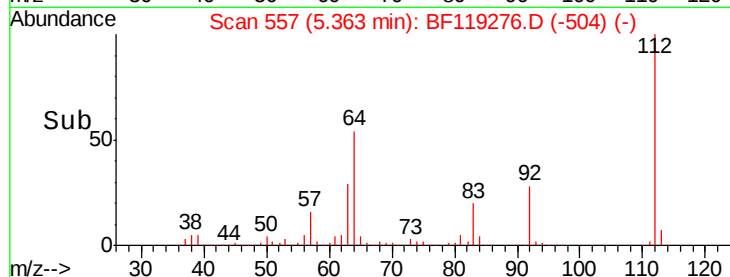
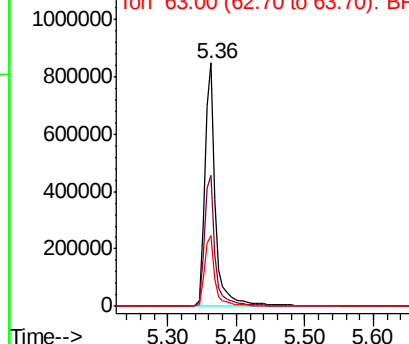
ClientSampleId :

PB127331BS

Tgt Ion:	112	Resp:	945057
Ion	Ratio	Lower	Upper
112	100		
64	53.9	45.0	67.4
63	29.2	24.2	36.4



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: 17.568 ng

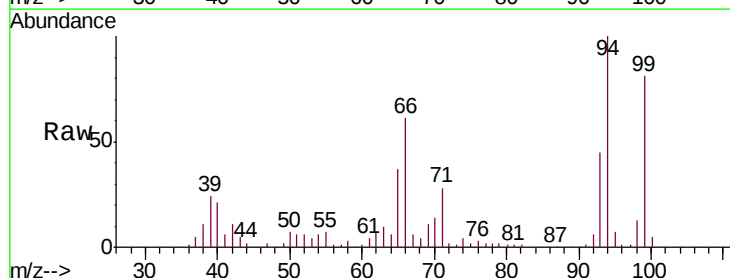
RT: 6.40 min Scan# 733

Delta R.T. 0.01 min

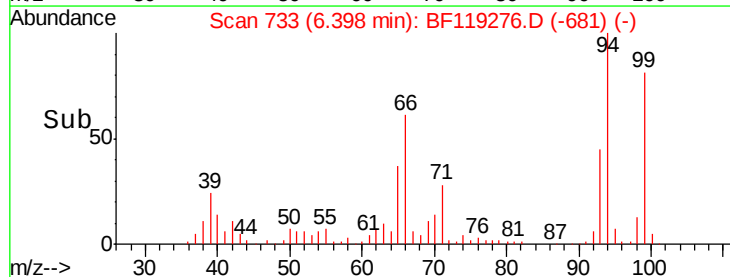
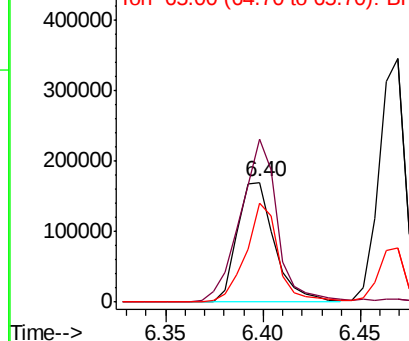
Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Tgt Ion:	93	Resp:	225642
Ion	Ratio	Lower	Upper
93	100		
66	135.9	74.5	111.7#
65	83.0	45.3	67.9#



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: 110.391 ng

RT: 6.39 min Scan# 732

Delta R.T. 0.01 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

ClientSampleId :

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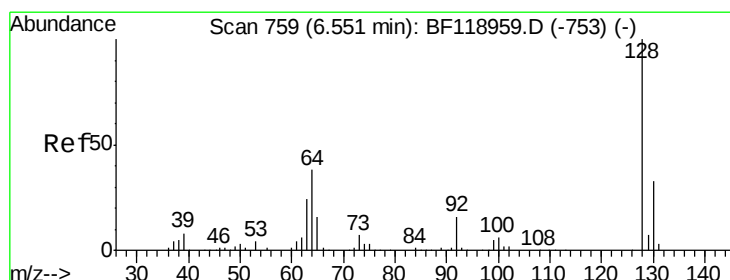
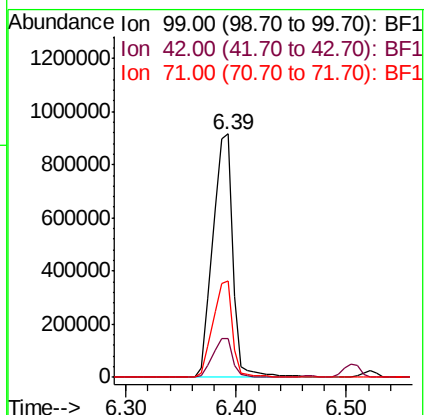
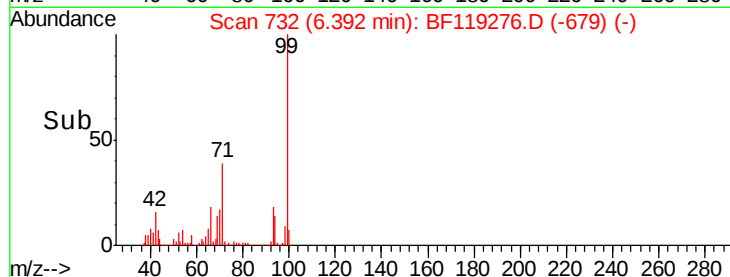
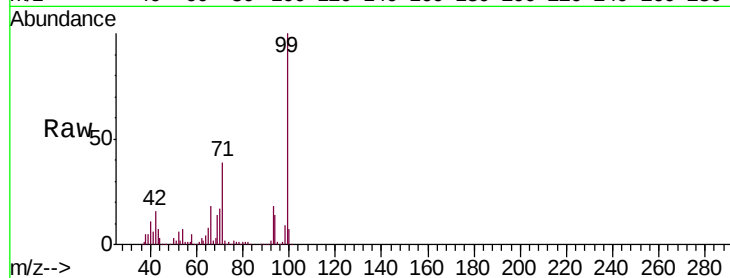
Tgt Ion: 99 Resp: 1149064

Ion Ratio Lower Upper

99 100

42 16.0 12.6 18.8

71 39.4 31.0 46.4



#8

2-Chlorophenol

Concen: 38.680 ng

RT: 6.52 min Scan# 754

Delta R.T. -0.00 min

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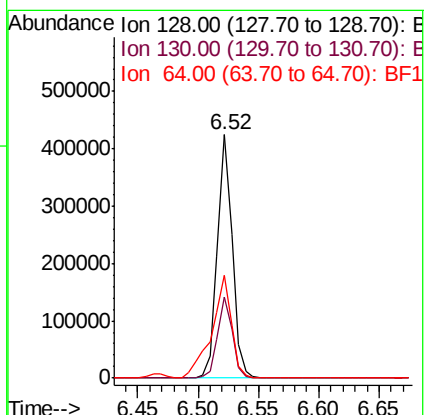
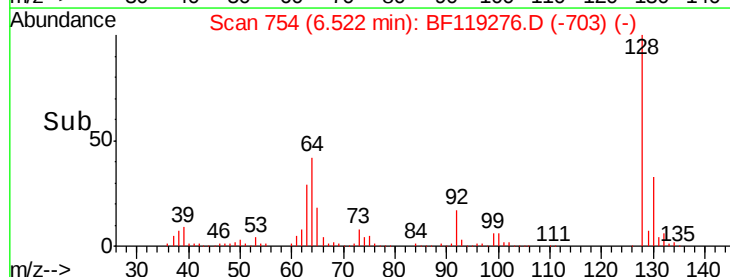
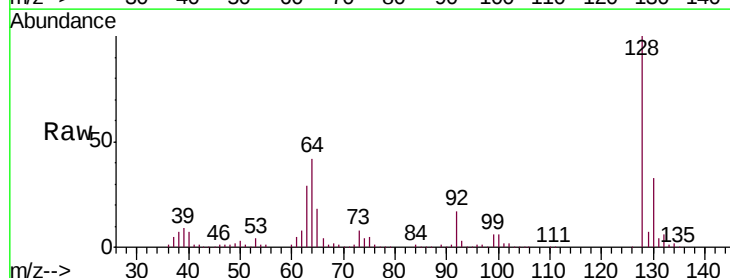
Tgt Ion: 128 Resp: 357264

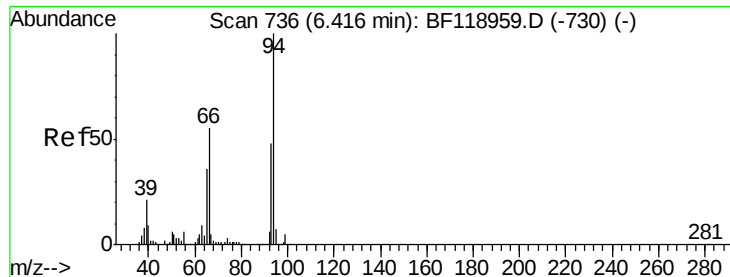
Ion Ratio Lower Upper

128 100

130 33.5 12.7 52.7

64 42.4 22.3 62.3





#10

Phenol

Concen: 37.242 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

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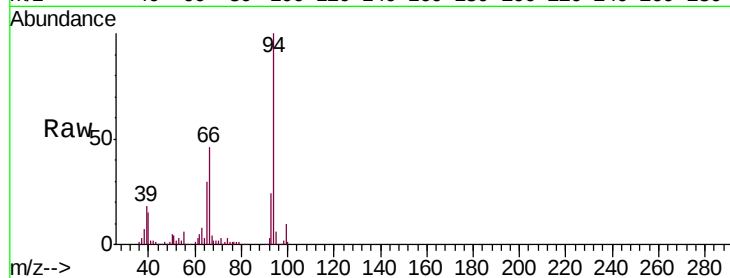
Tgt Ion: 94 Resp: 419121

Ion Ratio Lower Upper

94 100

65 30.0 19.2 59.2

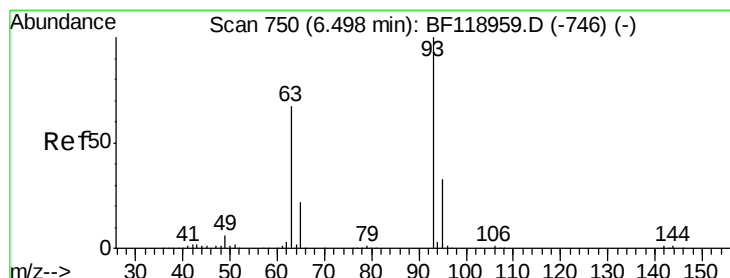
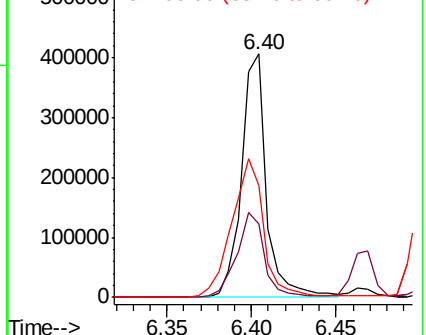
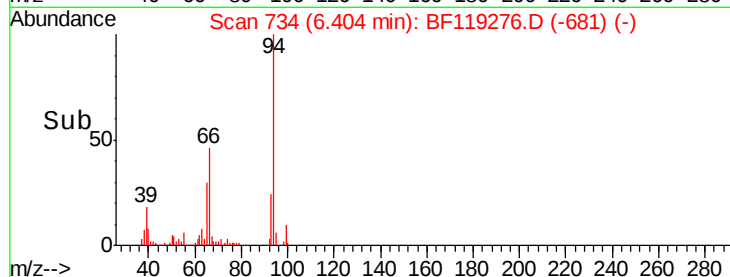
66 45.9 44.4 84.4



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: 37.549 ng

RT: 6.47 min Scan# 745

Delta R.T. 0.01 min

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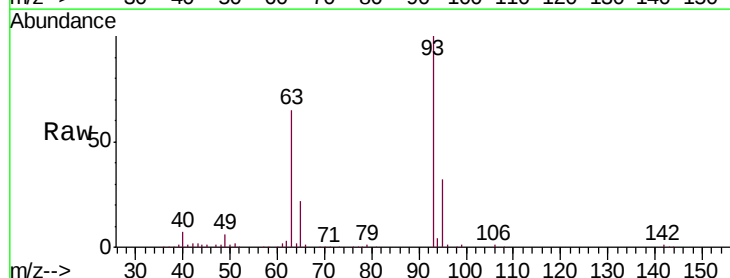
Tgt Ion: 93 Resp: 323329

Ion Ratio Lower Upper

93 100

63 65.3 45.4 85.4

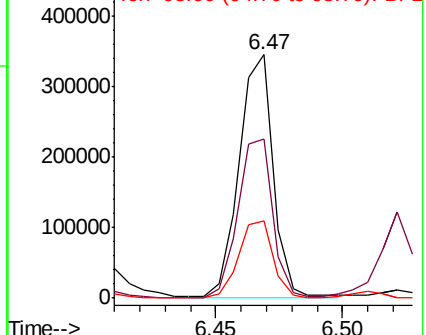
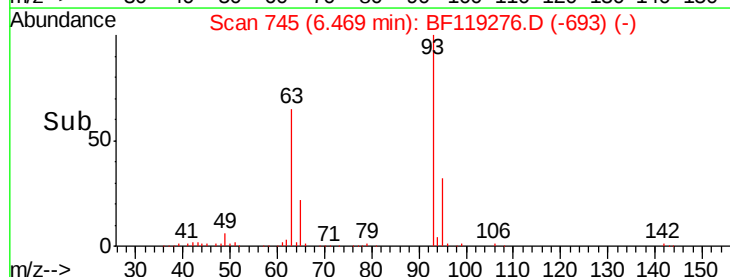
95 31.7 13.5 53.5

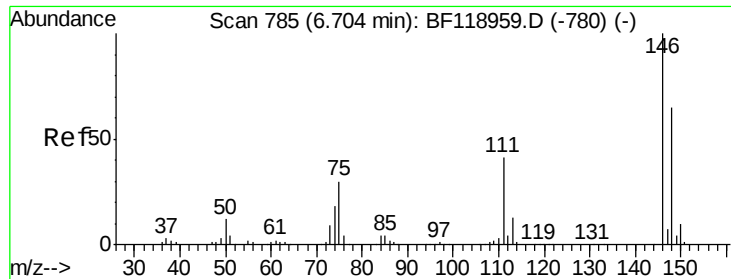


Abundance Ion 93.00 (92.70 to 93.70): BF1

Ion 63.00 (62.70 to 63.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

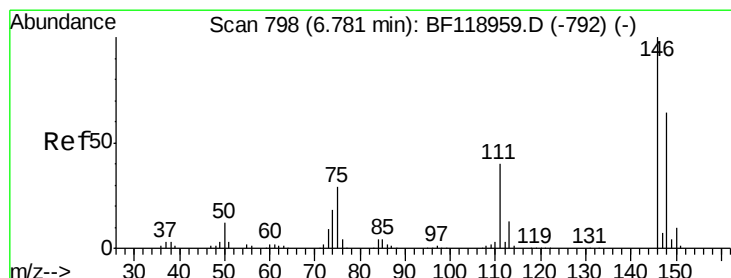
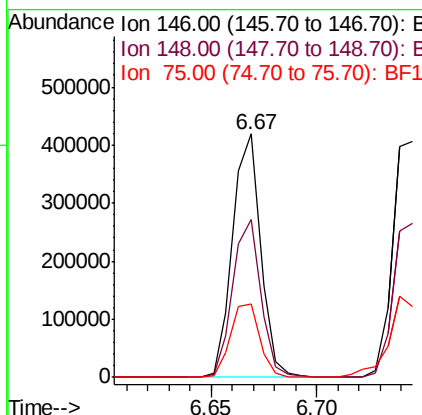
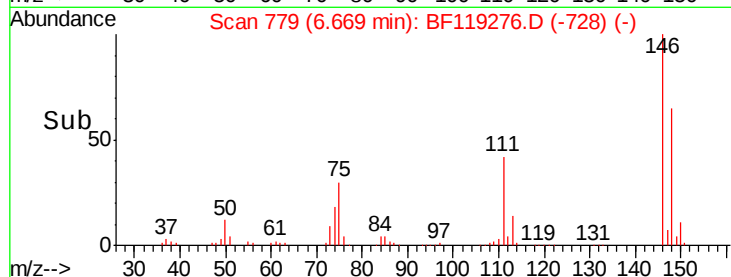
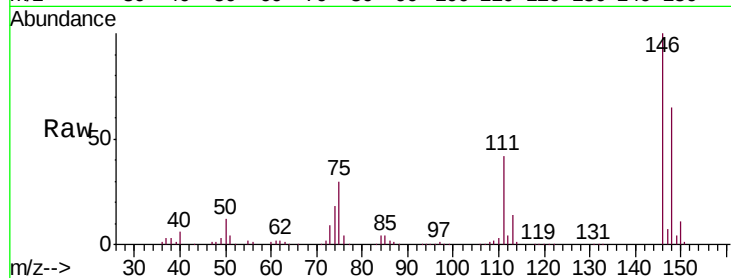




#12
 1,3-Dichlorobenzene
 Concen: 34.855 ng
 RT: 6.67 min Scan# 779
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

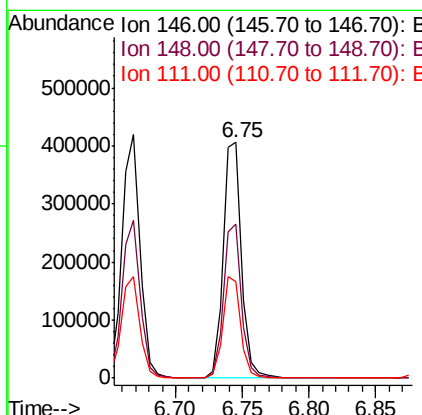
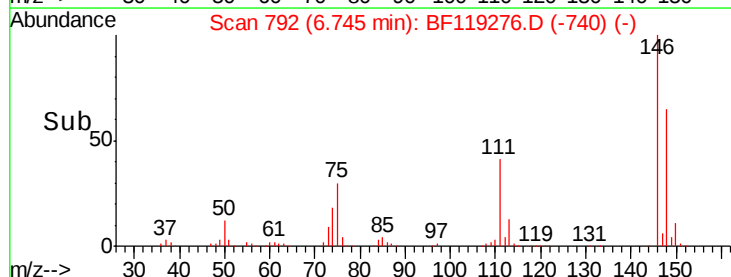
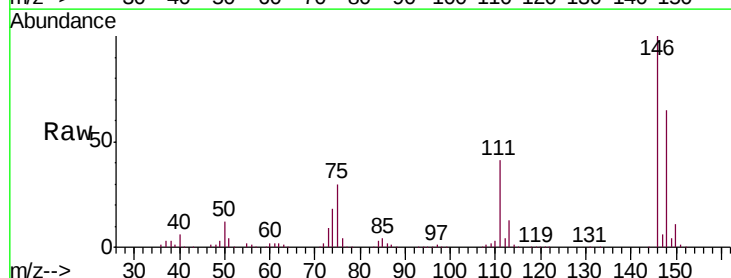
Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

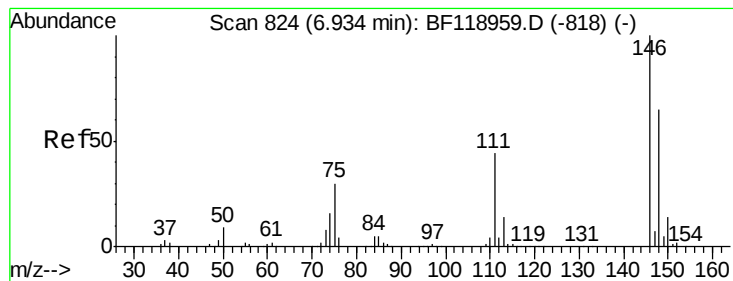
Tgt Ion:146 Resp: 385866
 Ion Ratio Lower Upper
 146 100
 148 65.0 52.5 78.7
 75 29.9 23.6 35.4



#13
 1,4-Dichlorobenzene
 Concen: 35.628 ng
 RT: 6.75 min Scan# 792
 Delta R.T. 0.01 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion:146 Resp: 394692
 Ion Ratio Lower Upper
 146 100
 148 65.3 51.1 76.7
 111 40.8 34.8 52.2





#14

1,2-Dichlorobenzene

Concen: 36.225 ng

RT: 6.90 min Scan# 818

Delta R.T. 0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

ClientSampleId :

PB127331BS

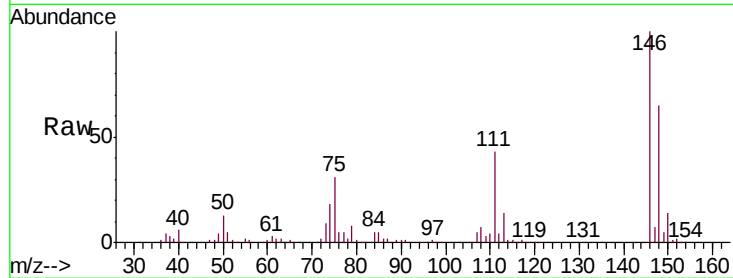
Tgt Ion:146 Resp: 365989

Ion Ratio Lower Upper

146 100

148 65.1 51.9 77.9

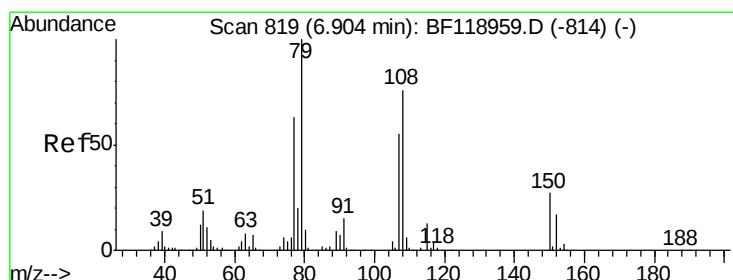
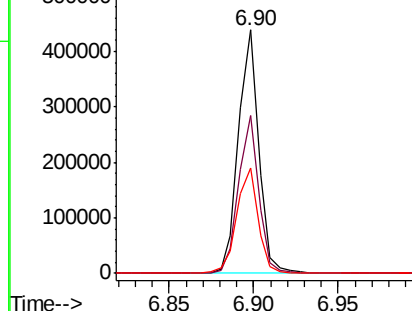
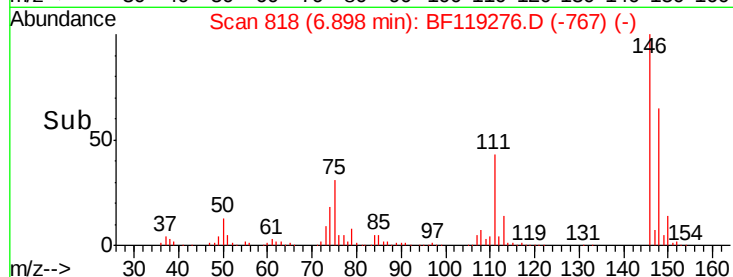
111 43.1 36.2 54.2



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: 38.571 ng

RT: 6.88 min Scan# 815

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

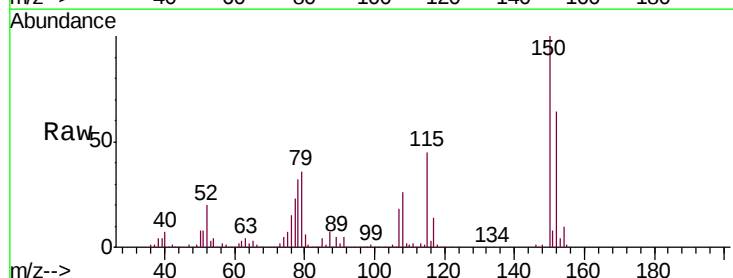
Tgt Ion: 79 Resp: 290165

Ion Ratio Lower Upper

79 100

108 71.0 58.2 87.2

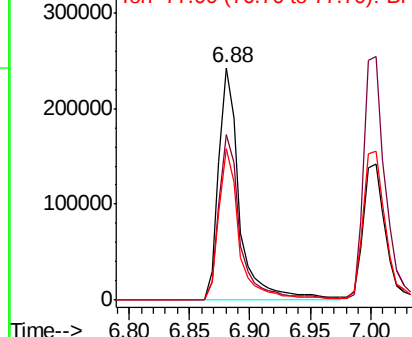
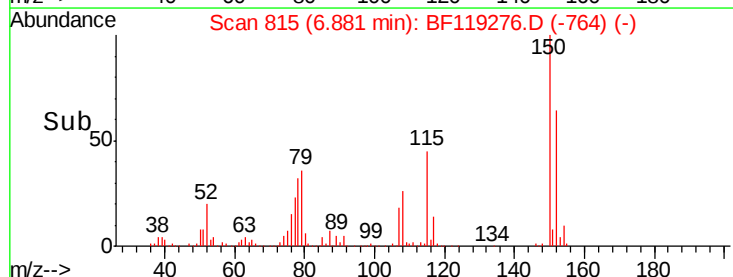
77 64.9 51.2 76.8

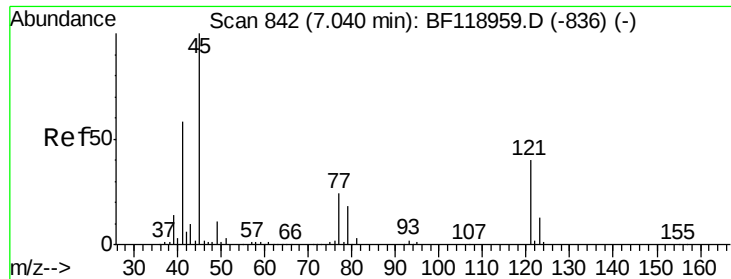


Abundance Ion 79.00 (78.70 to 79.70): BF1

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BF1

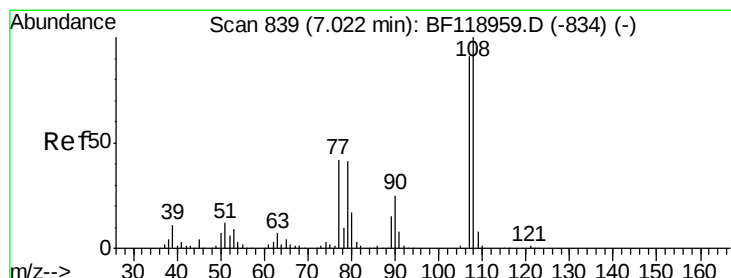
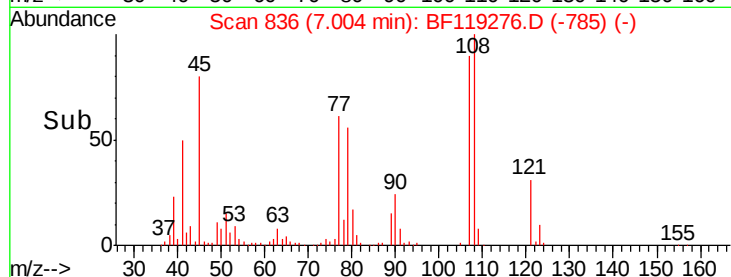
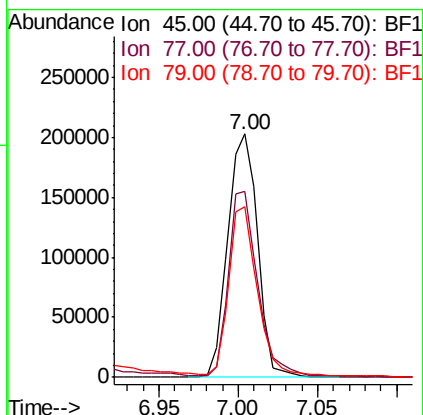
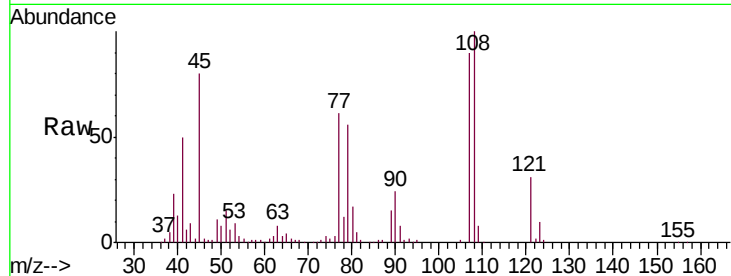




#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.123 ng
RT: 7.00 min Scan# 836
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

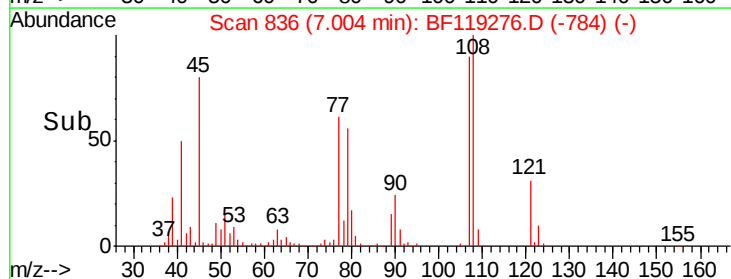
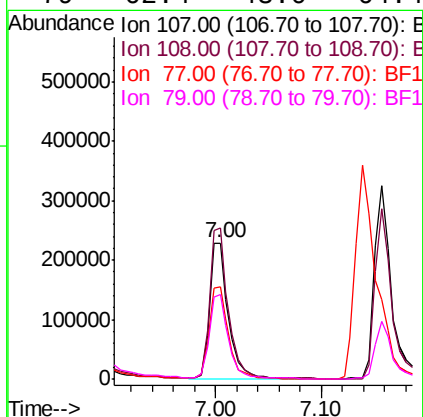
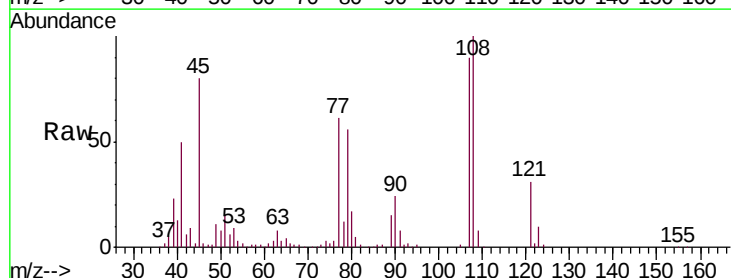
Instrument :
BNA_F
ClientSampleId :
PB127331BS

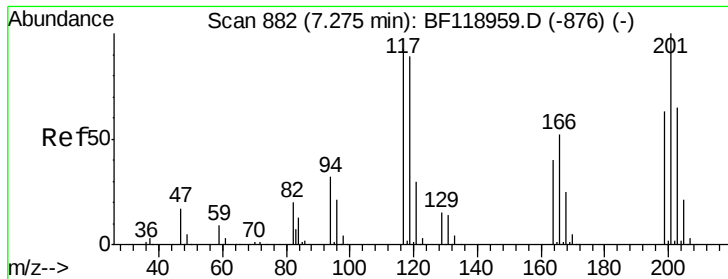
Tgt Ion: 45 Resp: 261992
Ion Ratio Lower Upper
45 100
77 76.5 15.0 55.0#
79 70.2 9.4 49.4#



#17
2-Methylphenol
Concen: 37.864 ng
RT: 7.00 min Scan# 836
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion: 107 Resp: 283545
Ion Ratio Lower Upper
107 100
108 111.2 87.9 131.9
77 68.0 45.3 67.9#
79 62.4 43.0 64.4

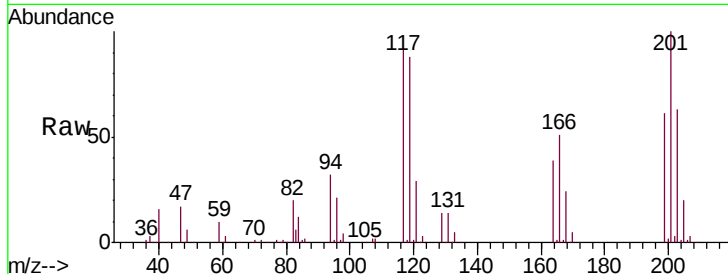




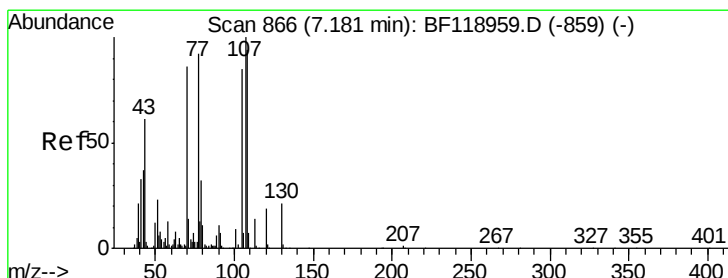
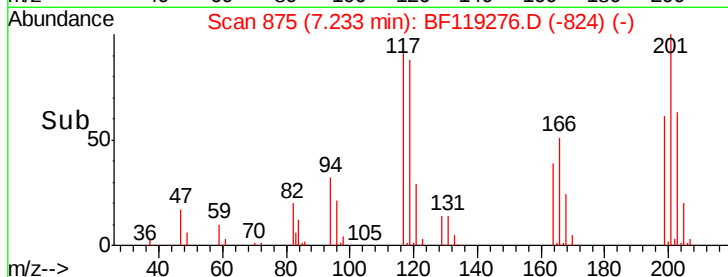
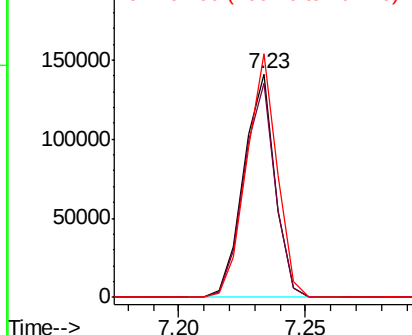
#18
Hexachloroethane
Concen: 30.428 ng
RT: 7.23 min Scan# 875
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tgt Ion: 117 Resp: 120597
Ion Ratio Lower Upper
117 100
119 95.8 77.5 116.3
201 108.9 82.6 123.8

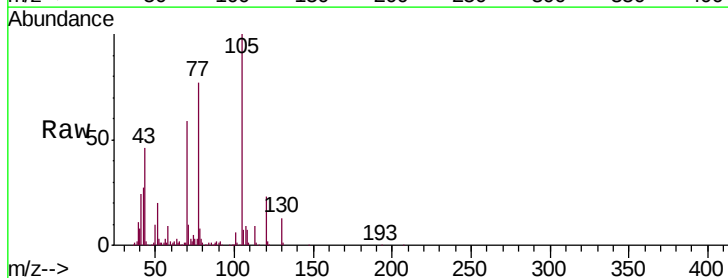


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

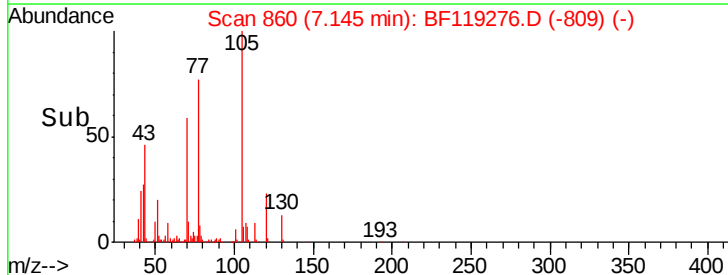
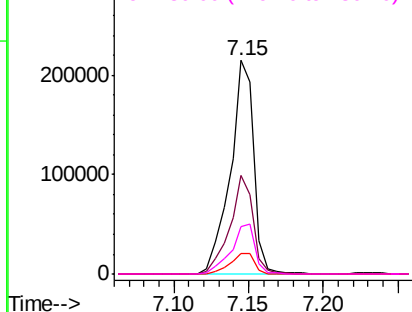


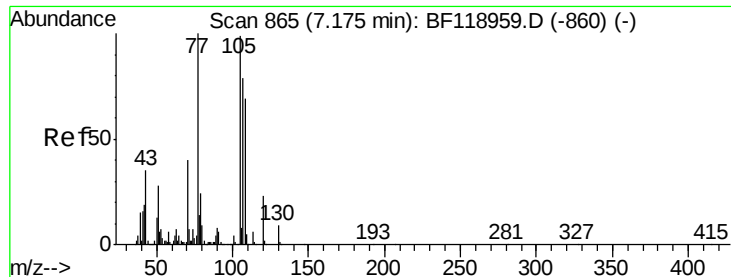
#19
n-Nitroso-di-n-propylamine
Concen: 39.241 ng
RT: 7.15 min Scan# 860
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion: 70 Resp: 238008
Ion Ratio Lower Upper
70 100
42 46.1 38.0 57.0
101 9.8 8.2 12.4
130 22.3 18.2 27.4



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

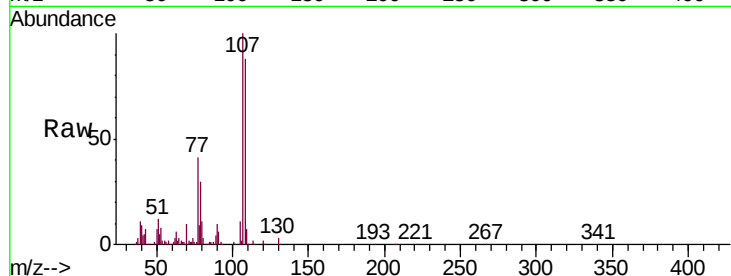




#20
3+4-Methylphenols
Concen: 41.057 ng
RT: 7.16 min Scan# 862
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.6	71.5	111.5
77	41.1	45.9	85.9
79	30.0	13.8	53.8



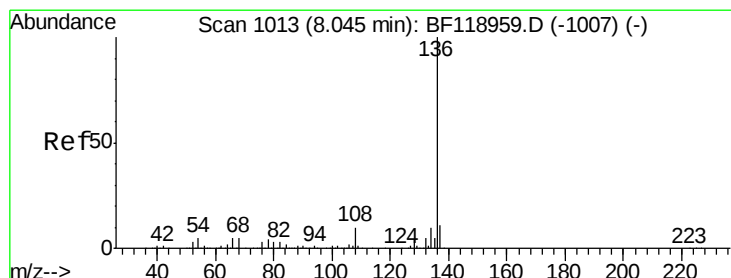
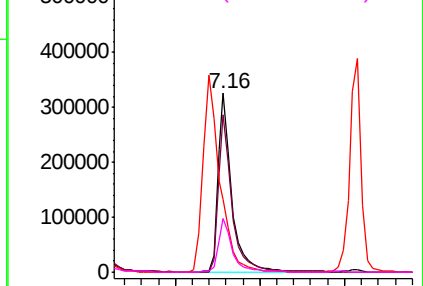
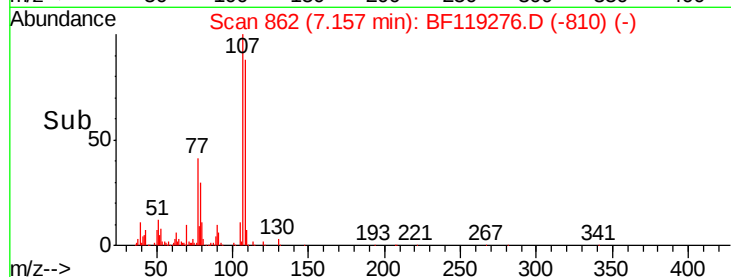
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

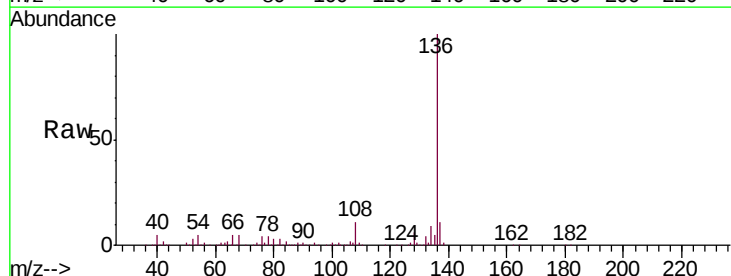
Ion 77.00 (76.70 to 77.70): BF1

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. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	4.6	3.8	5.6
68	4.8	3.9	5.9



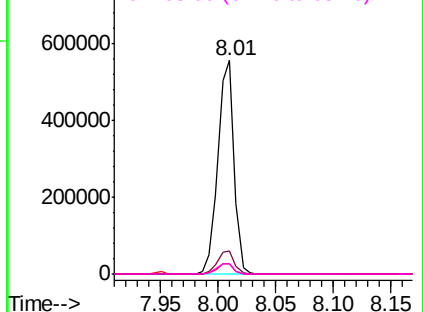
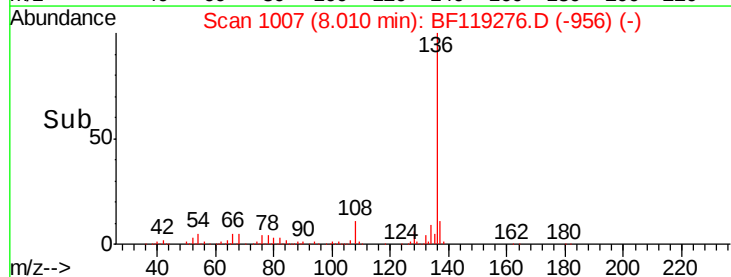
Abundance

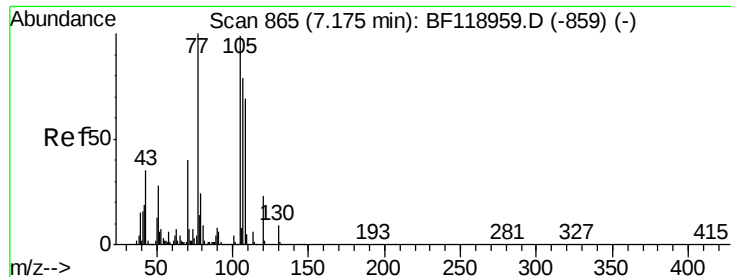
Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1





#22

Acetophenone

Concen: 39.616 ng

RT: 7.14 min Scan# 859

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

ClientSampleId :

PB127331BS

Tgt Ion: 105 Resp: 493864

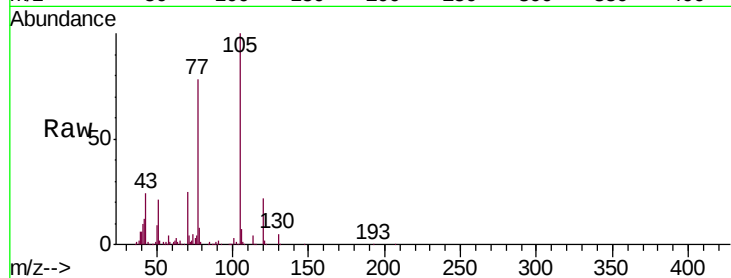
Ion Ratio Lower Upper

105 100

71 4.1 3.0 4.4

51 20.6 20.1 30.1

120 22.5 18.0 27.0

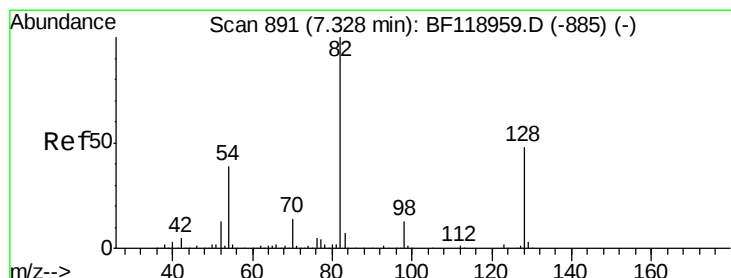
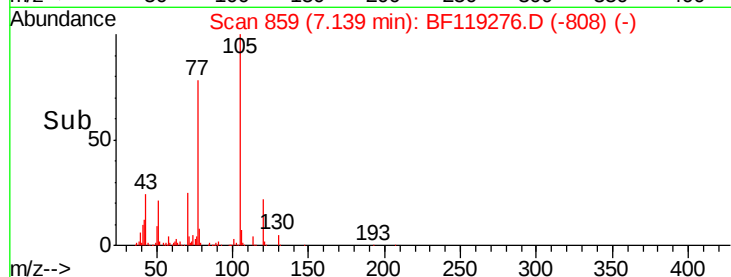
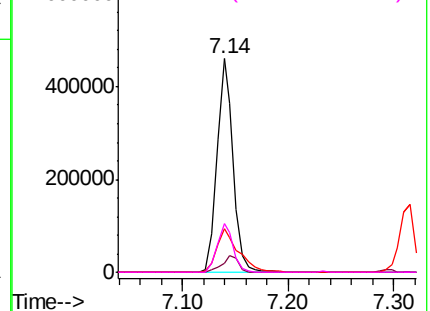


Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BF1

Ion 51.00 (50.70 to 51.70): BF1

Ion 120.00 (119.70 to 120.70): E



#23

Nitrobenzene-d5

Concen: 72.466 ng

RT: 7.30 min Scan# 886

Delta R.T. 0.01 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

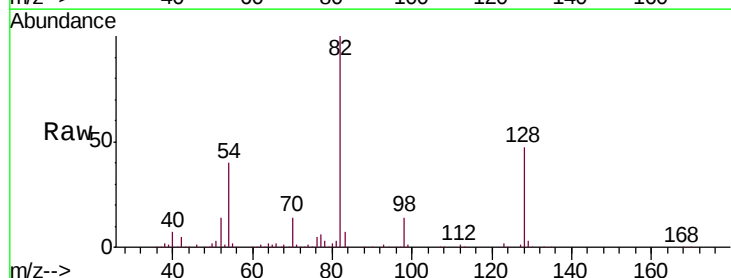
Tgt Ion: 82 Resp: 739475

Ion Ratio Lower Upper

82 100

128 47.4 37.9 56.9

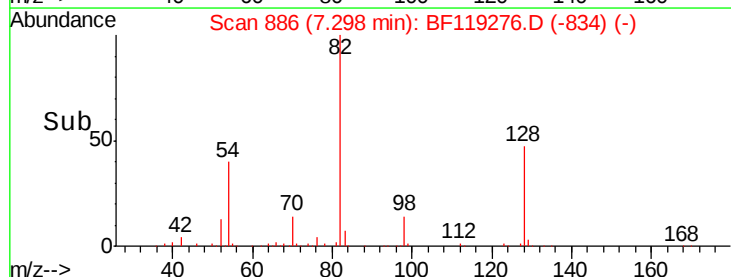
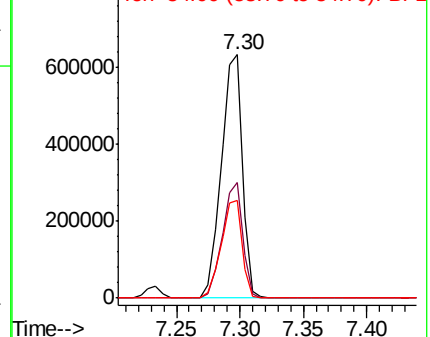
54 40.2 33.4 50.2

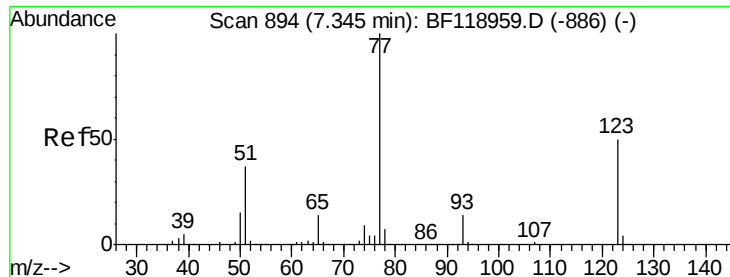


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#24

Nitrobenzene

Concen: 36.780 ng

RT: 7.32 min Scan# 889

Delta R.T. 0.01 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

ClientSampleId :

PB127331BS

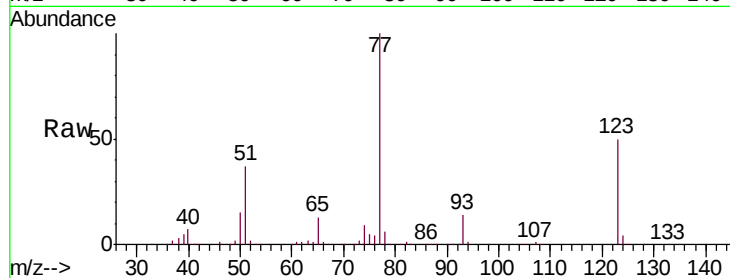
Tgt Ion: 77 Resp: 371151

Ion Ratio Lower Upper

77 100

123 49.5 40.2 60.2

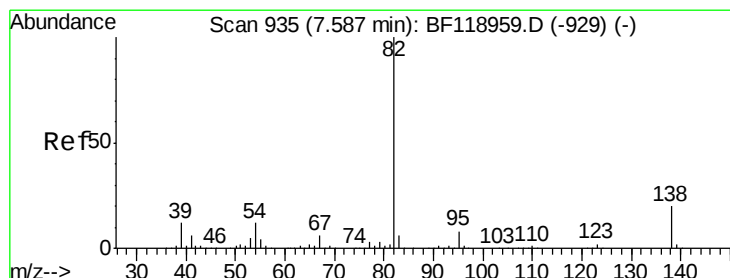
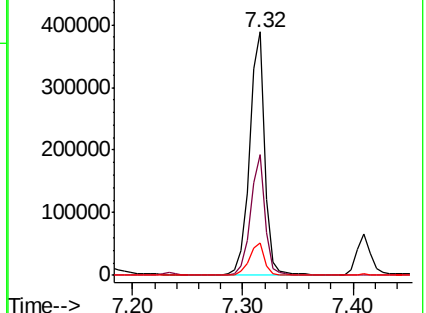
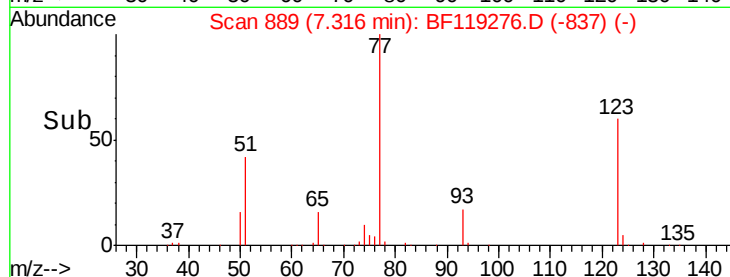
65 13.3 10.8 16.2



Abundance Ion 77.00 (76.70 to 77.70): BF1

Ion 123.00 (122.70 to 123.70): BF1

Ion 65.00 (64.70 to 65.70): BF1



#25

Isophorone

Concen: 36.900 ng

RT: 7.55 min Scan# 929

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

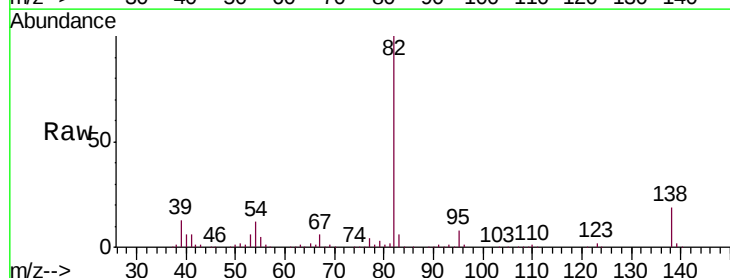
Tgt Ion: 82 Resp: 653953

Ion Ratio Lower Upper

82 100

95 7.8 6.4 9.6

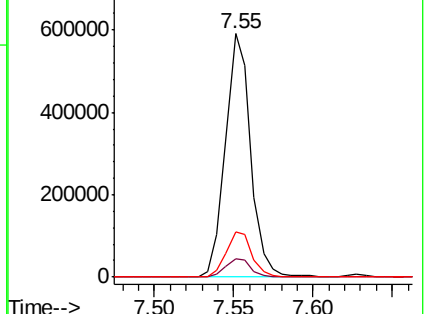
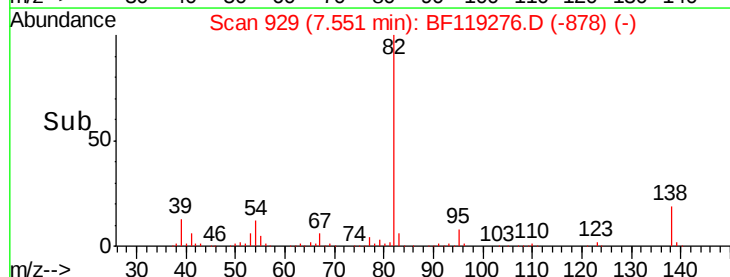
138 18.6 15.7 23.5

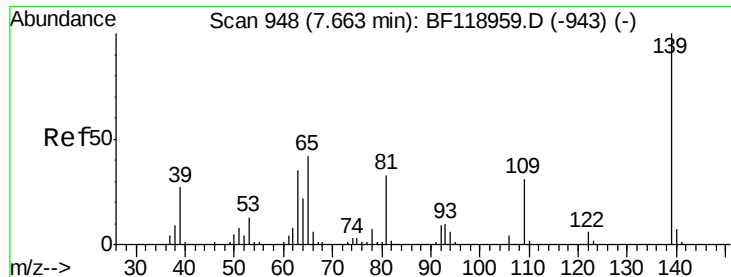


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 95.00 (94.70 to 95.70): BF1

Ion 138.00 (137.70 to 138.70): BF1

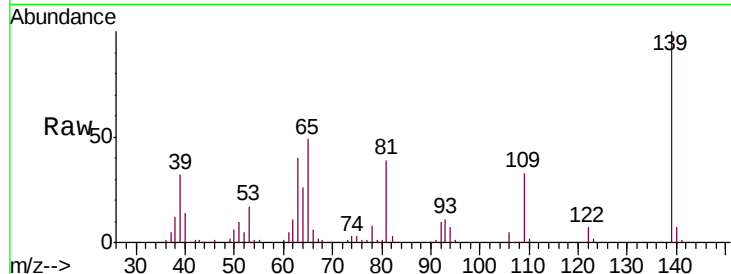




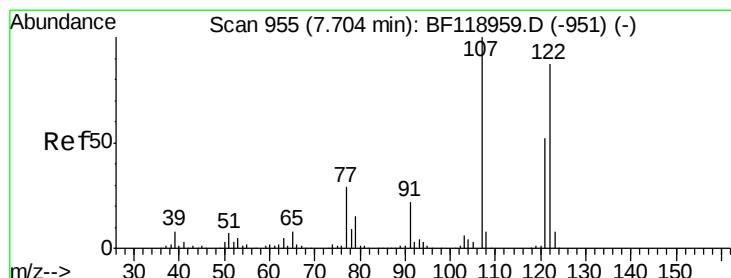
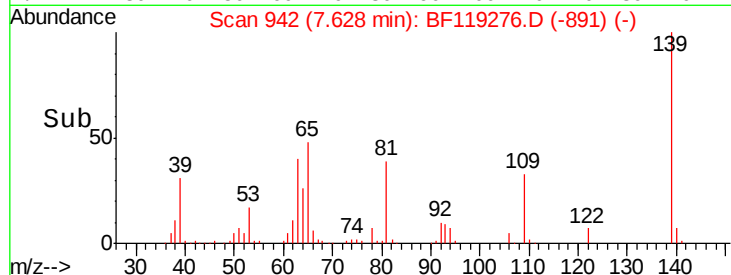
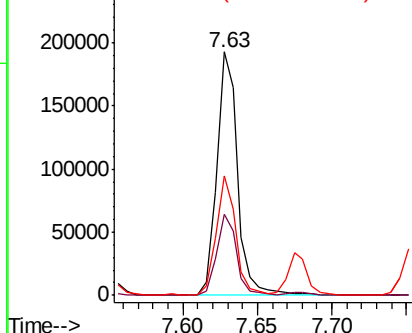
#26
2-Nitrophenol
Concen: 34.977 ng
RT: 7.63 min Scan# 942
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tgt Ion:139 Resp: 187012
Ion Ratio Lower Upper
139 100
109 33.3 25.7 38.5
65 49.0 37.1 55.7

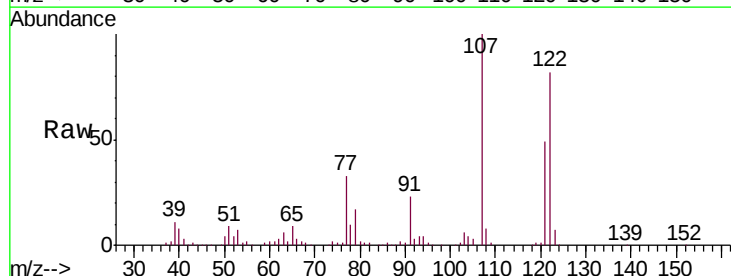


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

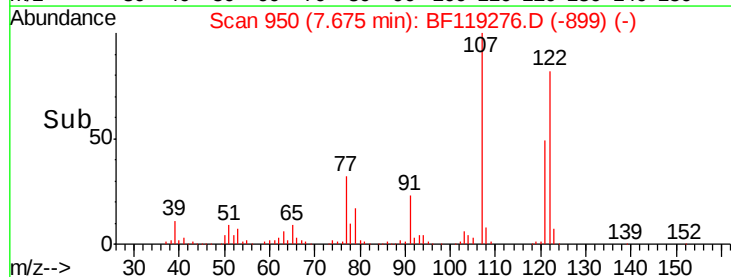
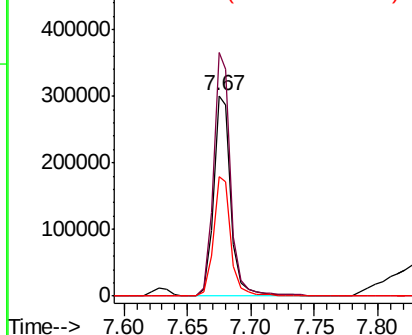


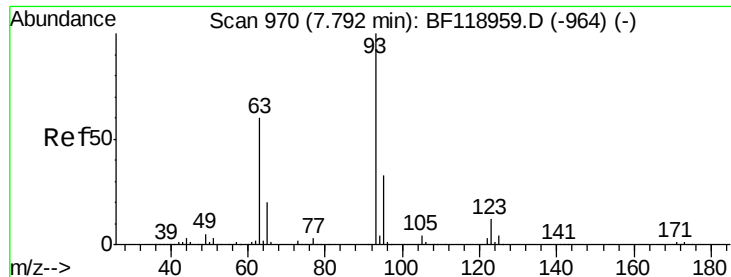
#27
2,4-Dimethylphenol
Concen: 40.089 ng
RT: 7.67 min Scan# 950
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion:122 Resp: 290906
Ion Ratio Lower Upper
122 100
107 121.6 93.8 140.6
121 59.9 48.2 72.2



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

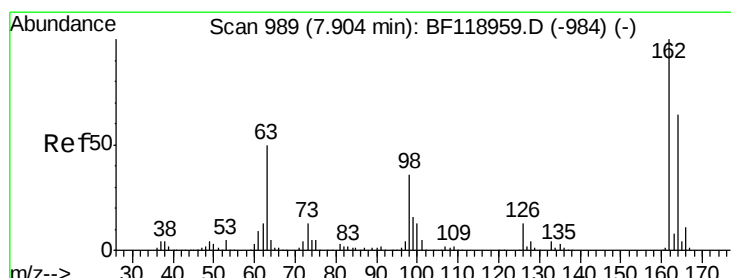
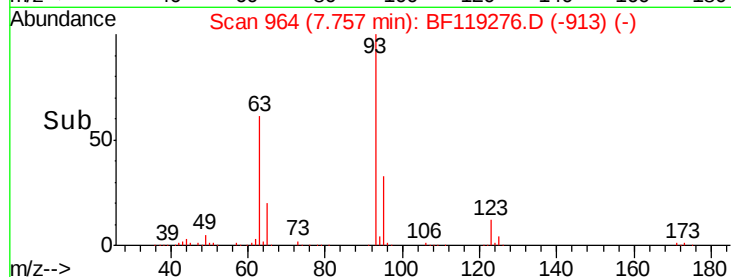
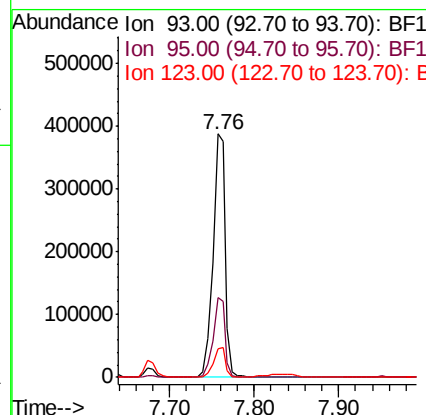
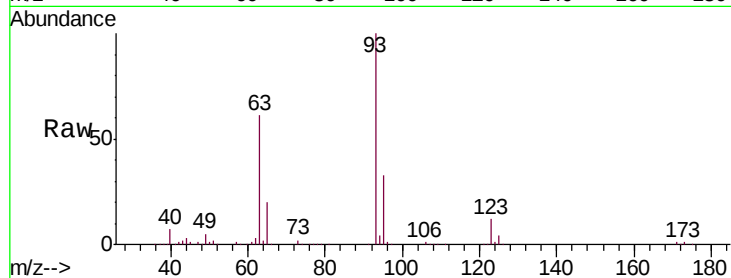




#28
 bis(2-Chloroethoxy)methane
 Concen: 34.326 ng
 RT: 7.76 min Scan# 964
 Delta R.T. 0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

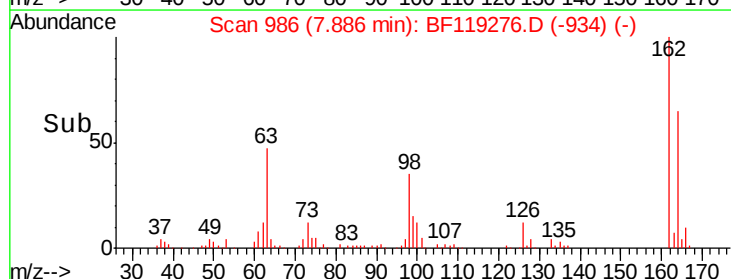
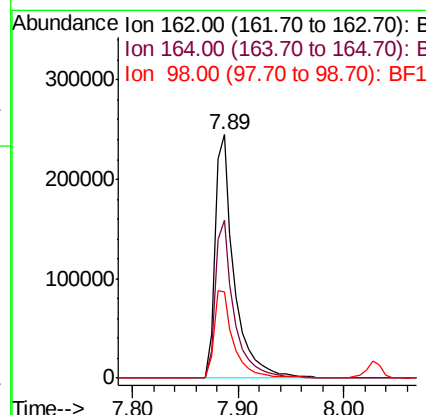
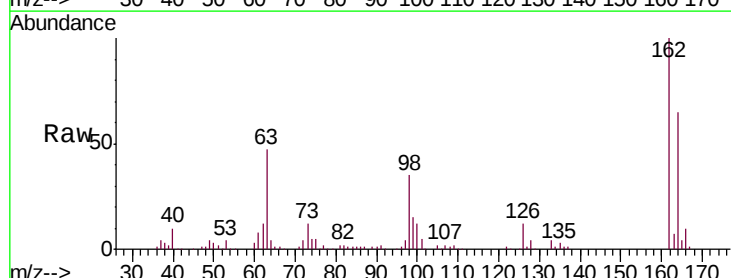
Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

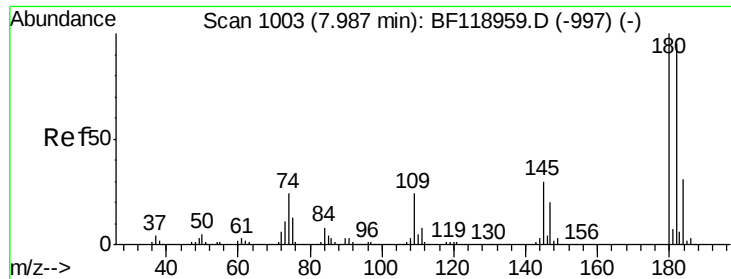
Tgt Ion: 93 Resp: 395961
 Ion Ratio Lower Upper
 93 100
 95 33.0 26.5 39.7
 123 11.9 10.2 15.2



#29
 2,4-Dichlorophenol
 Concen: 36.178 ng
 RT: 7.89 min Scan# 986
 Delta R.T. 0.01 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion: 162 Resp: 309060
 Ion Ratio Lower Upper
 162 100
 164 64.8 45.2 85.2
 98 35.3 17.4 57.4

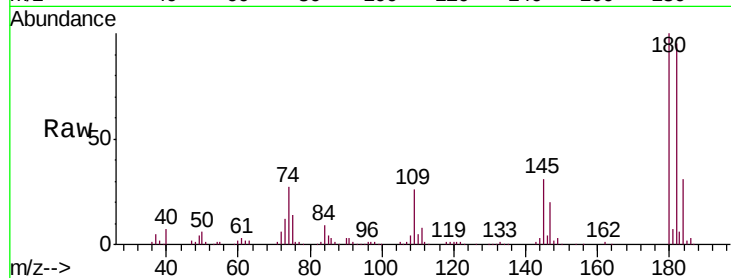




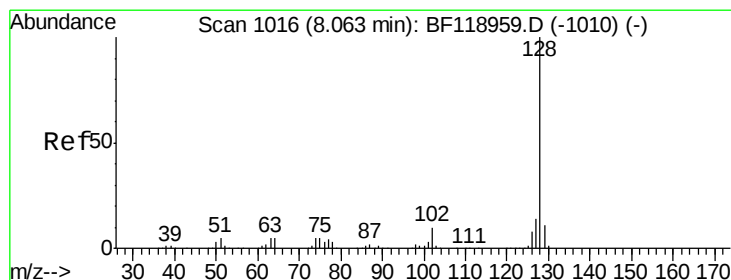
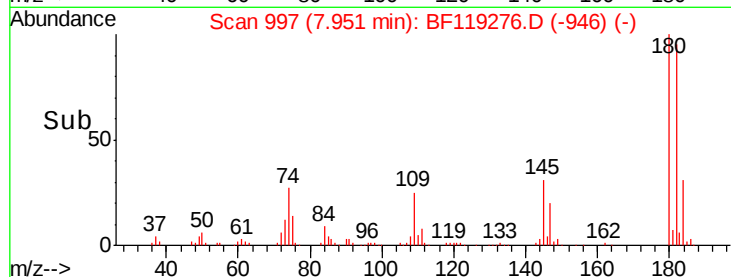
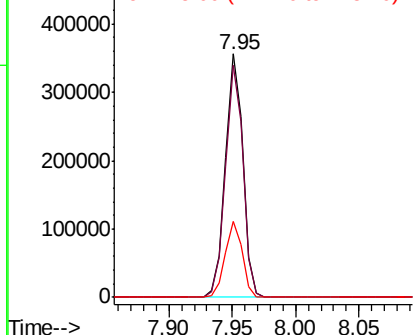
#30
 1,2,4-Trichlorobenzene
 Concen: 33.701 ng
 RT: 7.95 min Scan# 997
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Tgt Ion:180 Resp: 341340
 Ion Ratio Lower Upper
 180 100
 182 95.2 77.8 116.6
 145 31.0 25.2 37.8

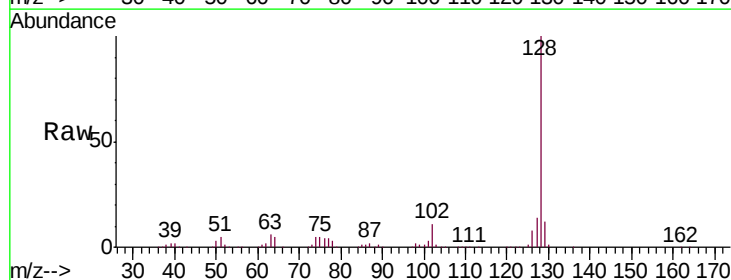


Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

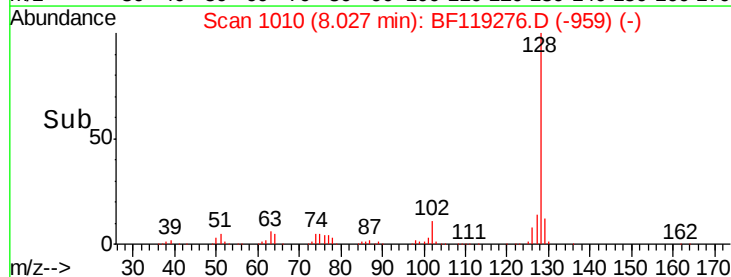
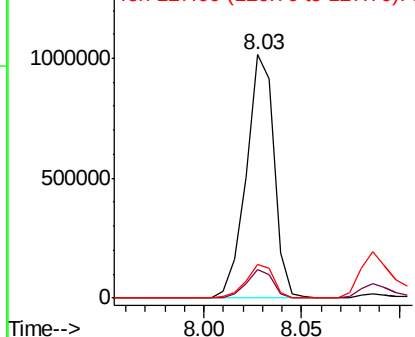


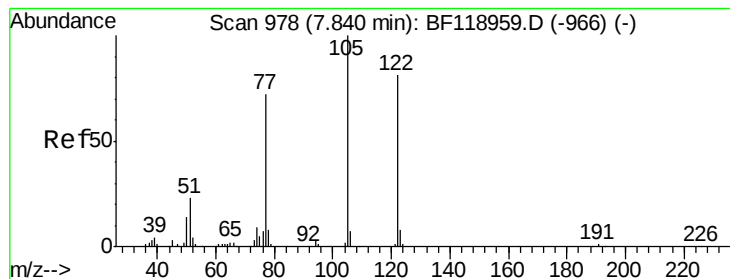
#31
 Naphthalene
 Concen: 35.916 ng
 RT: 8.03 min Scan# 1010
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion:128 Resp: 1003602
 Ion Ratio Lower Upper
 128 100
 129 11.6 9.4 14.2
 127 14.0 11.4 17.2



Abundance Ion 128.00 (127.70 to 128.70): E
 Ion 129.00 (128.70 to 129.70): E
 Ion 127.00 (126.70 to 127.70): E





#32

Benzoic acid

Concen: 32.597 ng

RT: 7.85 min Scan# 979

Delta R.T. 0.01 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

ClientSampled :

PB127331BS

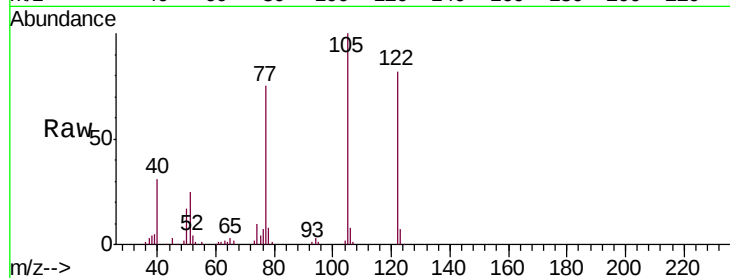
Tgt Ion:122 Resp: 159410

Ion Ratio Lower Upper

122 100

105 122.7 106.3 146.3

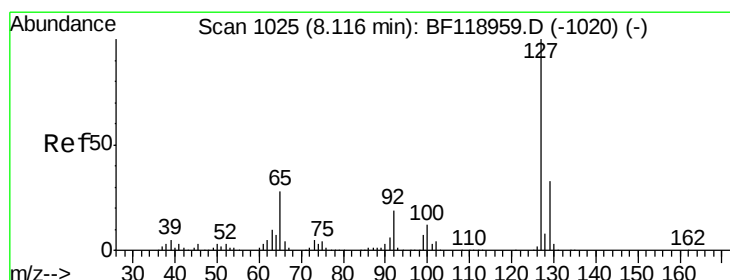
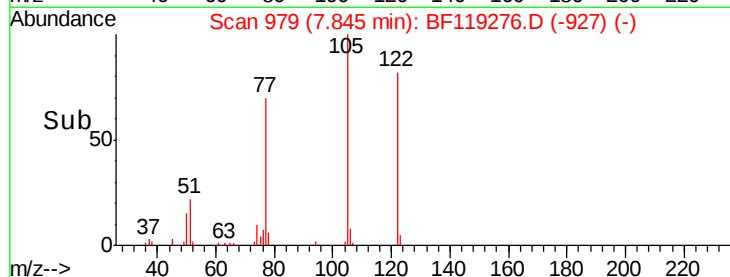
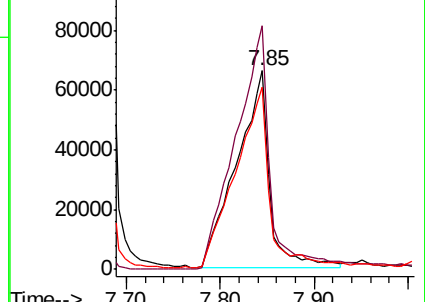
77 91.9 73.1 113.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF1



#33

4-Chloroaniline

Concen: 21.190 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Tgt Ion:127 Resp: 254664

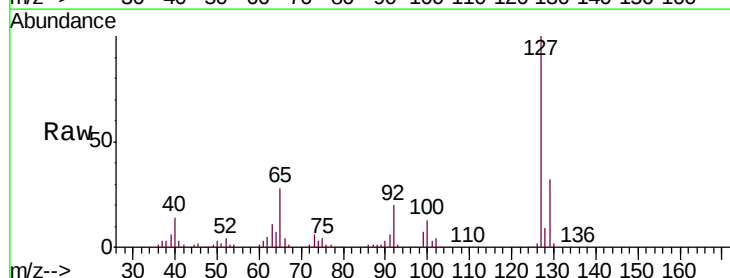
Ion Ratio Lower Upper

127 100

129 32.4 25.9 38.9

65 28.4 23.9 35.9

92 19.7 16.3 24.5

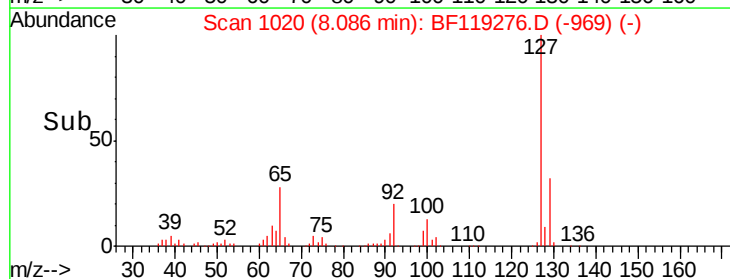
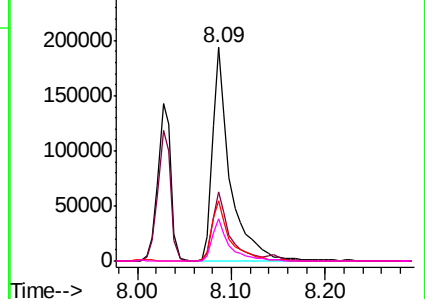


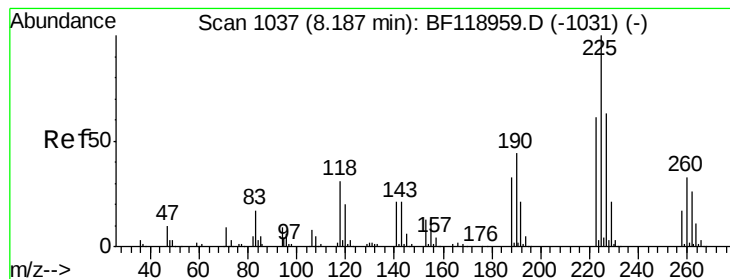
Abundance Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BF1

Ion 92.00 (91.70 to 92.70): BF1





#34

Hexachlorobutadiene

Concen: 32.779 ng

RT: 8.15 min Scan# 1030

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

ClientSampleId :

PB127331BS

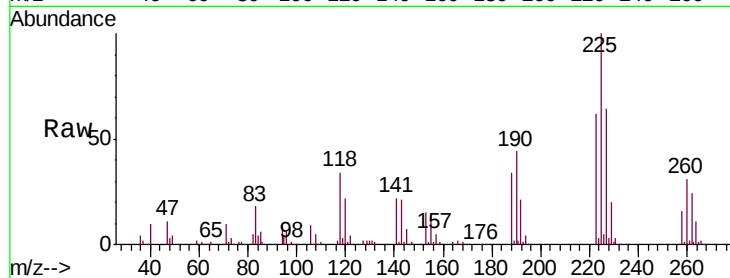
Tgt Ion:225 Resp: 206803

Ion Ratio Lower Upper

225 100

223 61.5 49.4 74.2

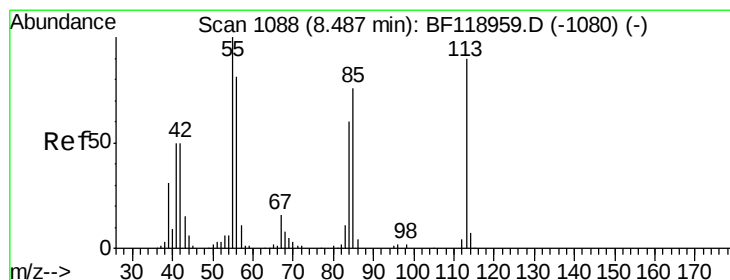
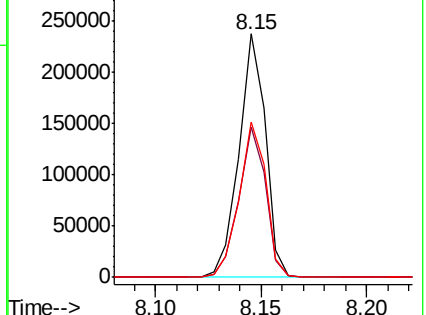
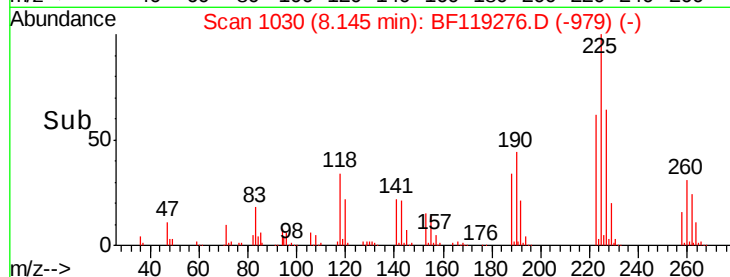
227 63.9 52.9 79.3



Abundance Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E



#35

Caprolactam

Concen: 22.553 ng

RT: 8.47 min Scan# 1085

Delta R.T. 0.01 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

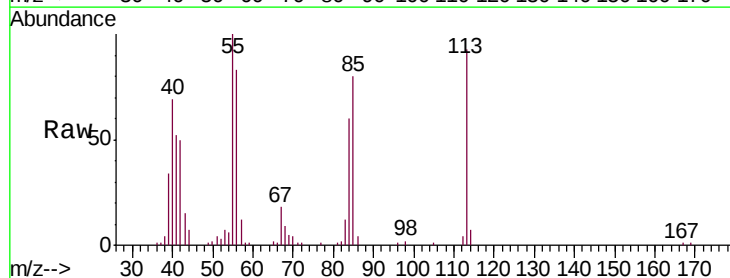
Tgt Ion:113 Resp: 59324

Ion Ratio Lower Upper

113 100

55 107.2 95.7 135.7

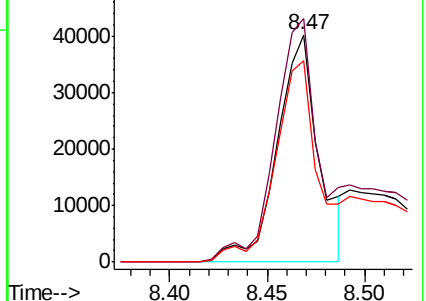
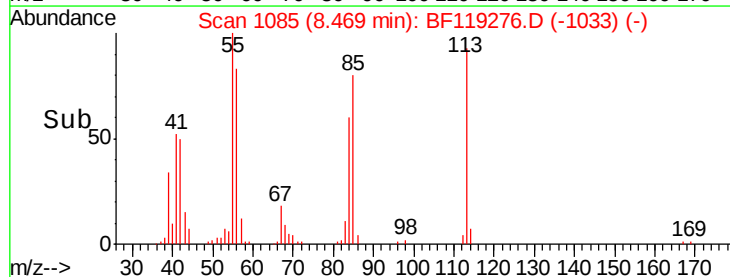
56 88.5 73.1 113.1

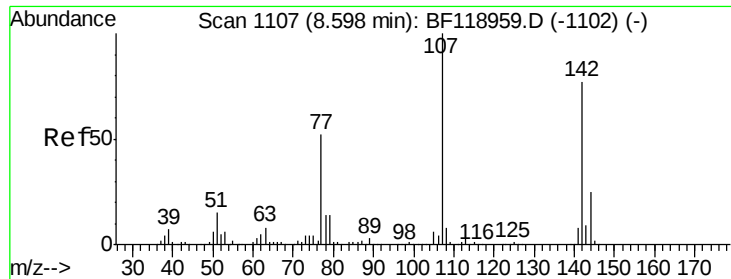


Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF1

Ion 56.00 (55.70 to 56.70): BF1

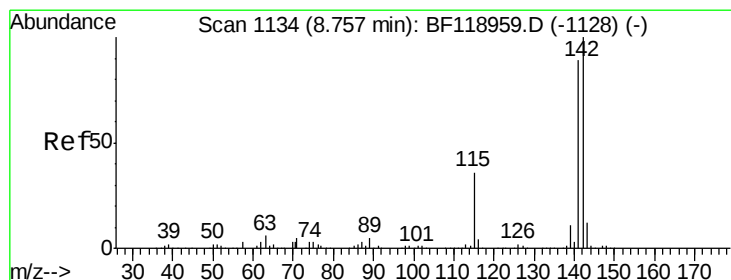
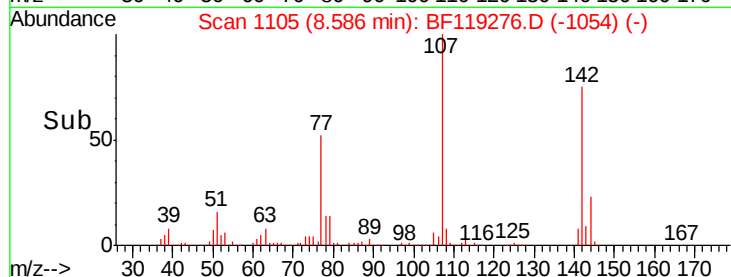
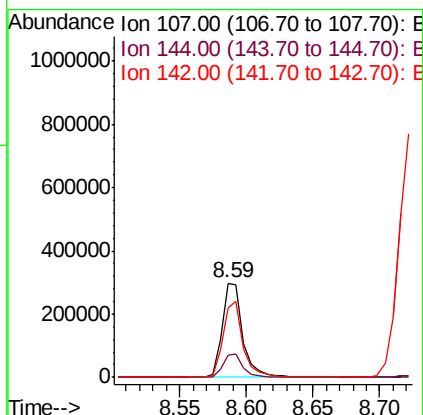
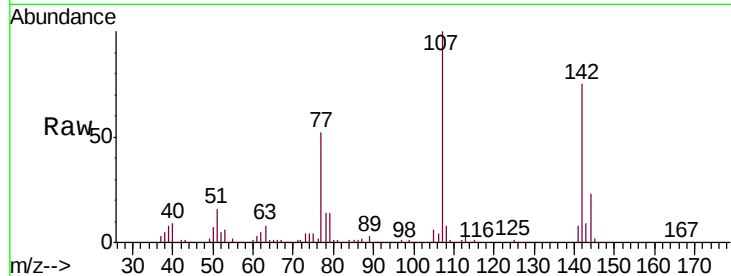




#36
 4-Chloro-3-methylphenol
 Concen: 37.653 ng
 RT: 8.59 min Scan# 1105
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

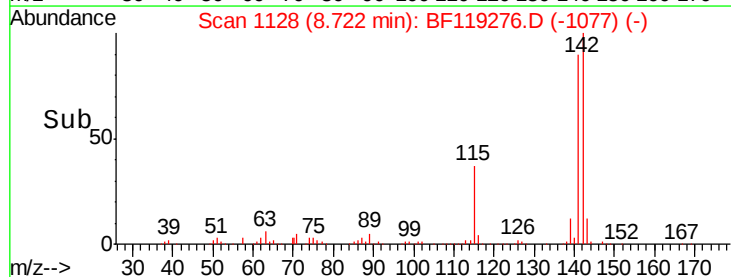
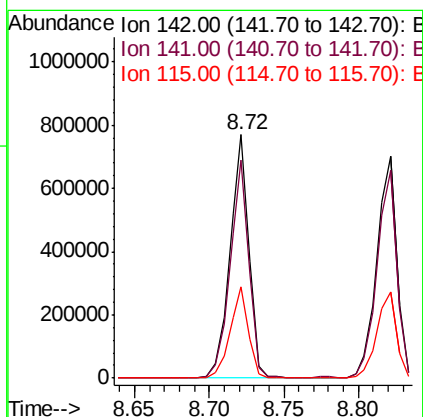
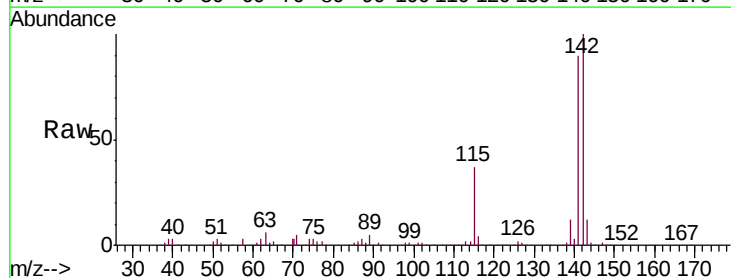
Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

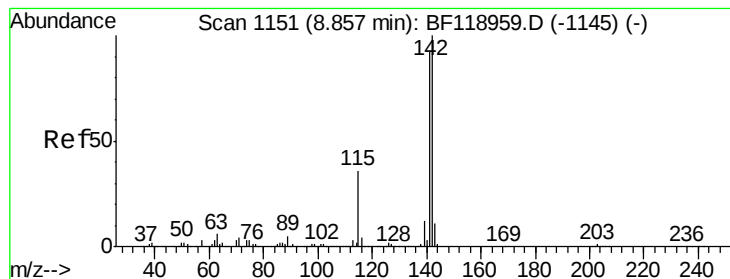
Tgt Ion:107 Resp: 325536
 Ion Ratio Lower Upper
 107 100
 144 23.5 20.1 30.1
 142 74.5 61.4 92.2



#37
 2-Methylnaphthalene
 Concen: 36.655 ng
 RT: 8.72 min Scan# 1128
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion:142 Resp: 689282
 Ion Ratio Lower Upper
 142 100
 141 89.6 72.3 108.5
 115 37.4 30.6 45.8





#38

1-Methylnaphthalene

Concen: 36.452 ng

RT: 8.82 min Scan# 1145

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

ClientSampleId :

PB127331BS

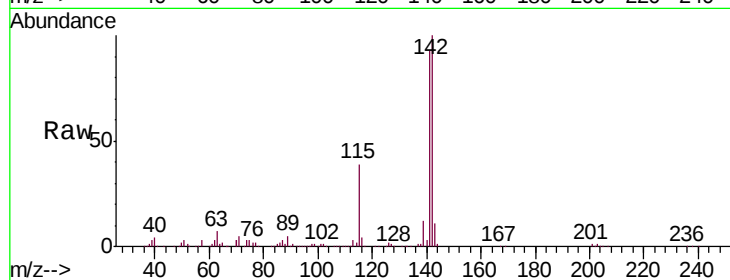
Tgt Ion:142 Resp: 644642

Ion Ratio Lower Upper

142 100

141 93.4 75.8 113.6

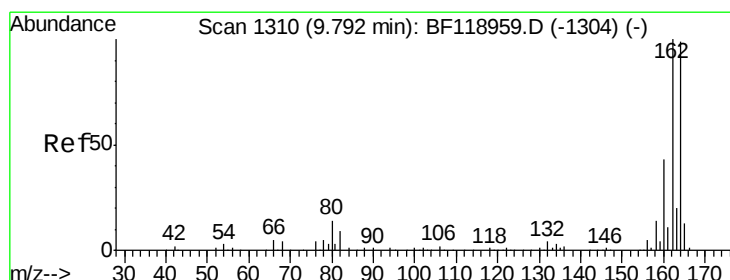
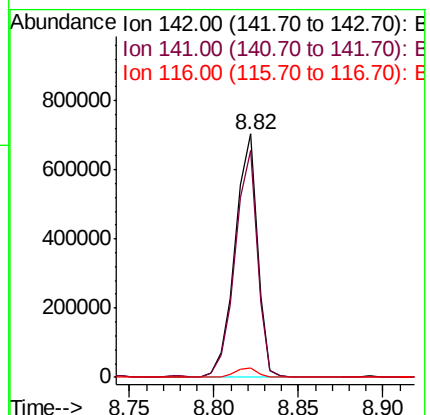
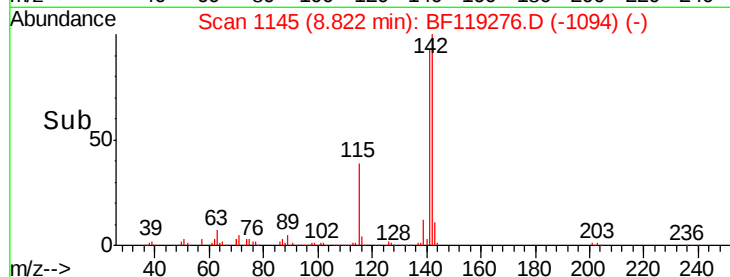
116 4.0 3.1 4.7



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: 9.76 min Scan# 1305

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

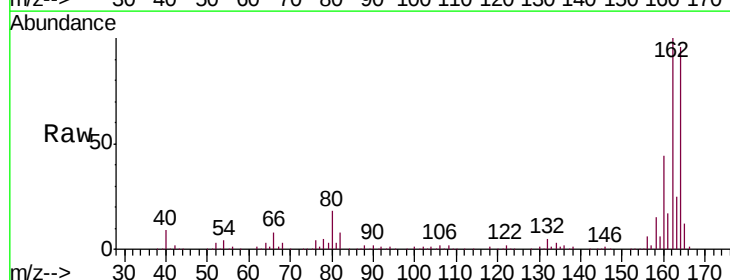
Tgt Ion:164 Resp: 263682

Ion Ratio Lower Upper

164 100

162 103.7 81.8 122.8

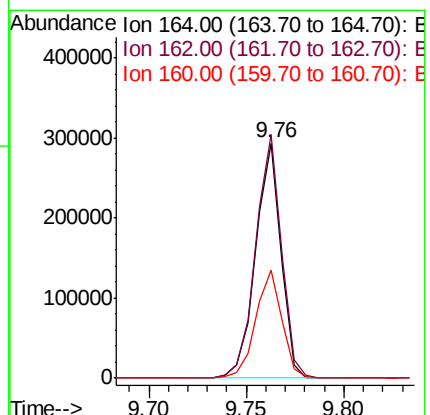
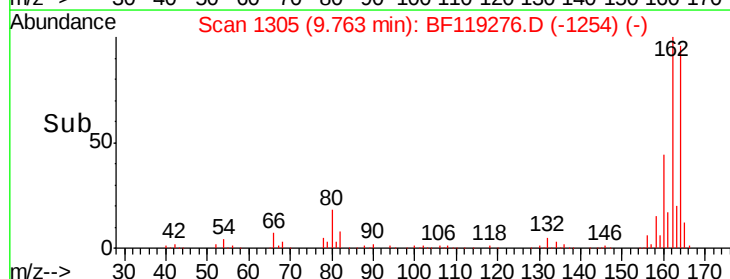
160 45.8 36.0 54.0

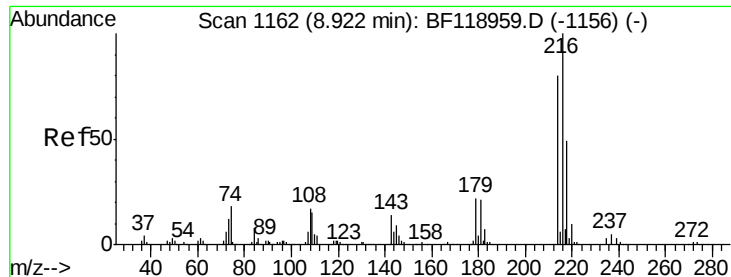


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

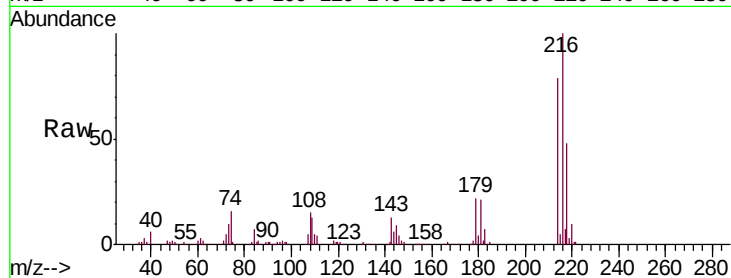




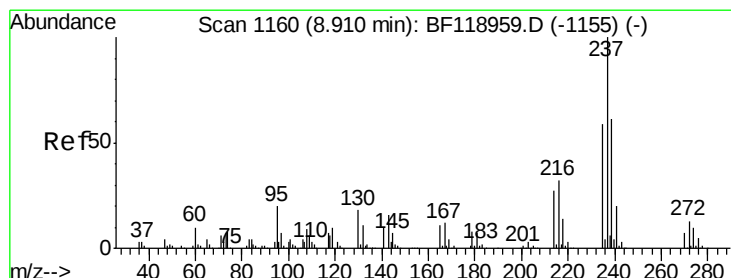
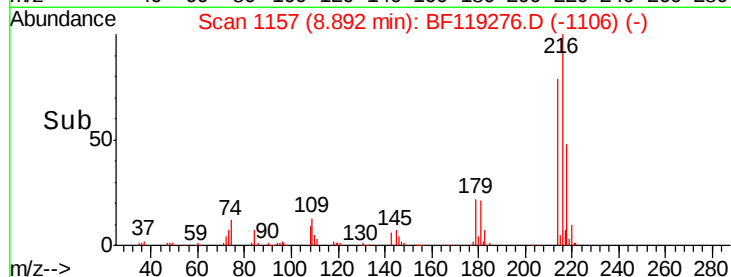
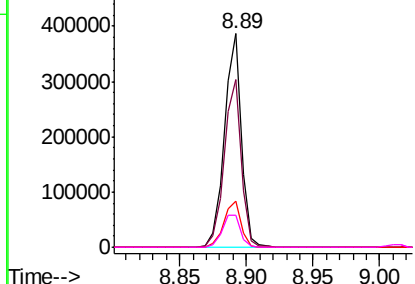
#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 39.120 ng
 RT: 8.89 min Scan# 1157
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Tgt Ion:	216	Resp:	347787
Ion	Ratio	Lower	Upper
216	100		
214	79.0	63.3	94.9
179	22.0	17.7	26.5
108	16.3	13.9	20.9

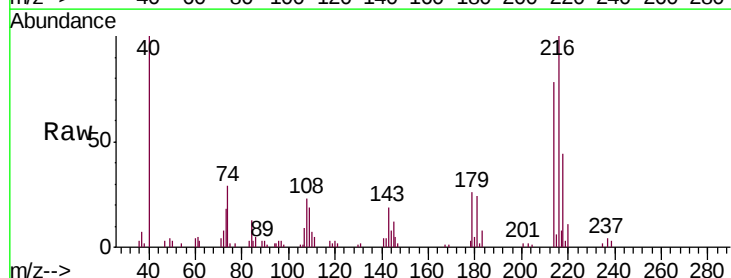


Abundance Ion 216.00 (215.70 to 216.70): E
 600000
 Ion 214.00 (213.70 to 214.70): E
 500000
 Ion 179.00 (178.70 to 179.70): E
 400000
 Ion 108.00 (107.70 to 108.70): E
 300000
 200000
 100000
 0

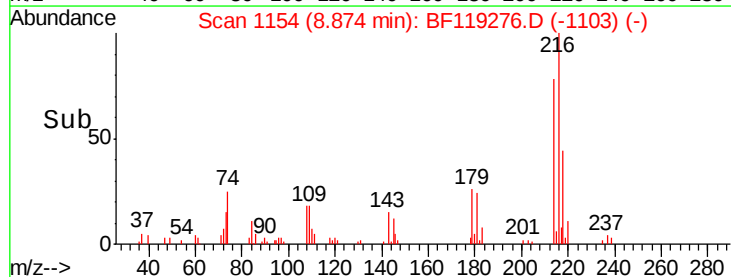
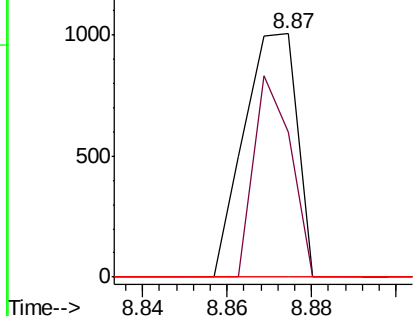


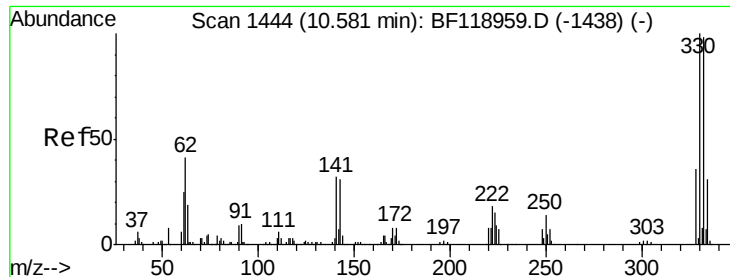
#41
 Hexachlorocyclopentadiene
 Concen: 9.635 ng
 RT: 8.87 min Scan# 1154
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion:	237	Resp:	883
Ion	Ratio	Lower	Upper
237	100		
235	59.6	42.3	82.3
272	0.0	0.0	33.5



Abundance Ion 236.80 (236.50 to 237.50): E
 1000
 Ion 234.90 (234.60 to 235.60): E
 500
 Ion 271.75 (271.45 to 272.45): E
 0

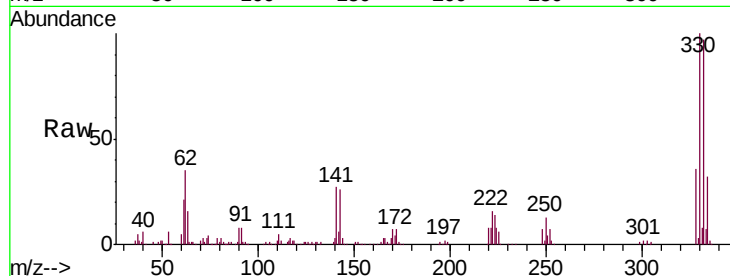




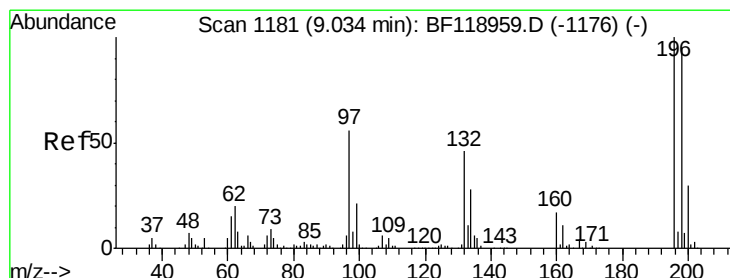
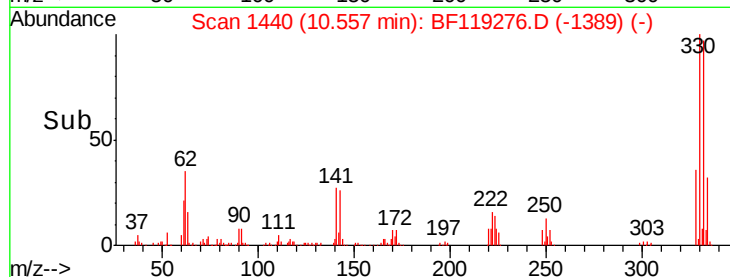
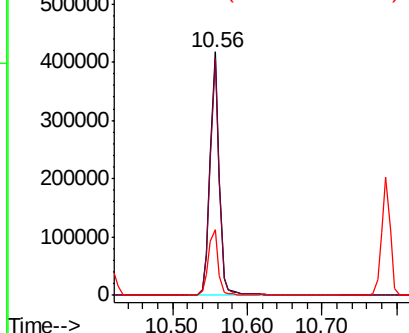
#42
 2,4,6-Tribromophenol
 Concen: 105.471 ng
 RT: 10.56 min Scan# 1440
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Instrument :
 BNA_F
 ClientSampled :
 PB127331BS

Tgt Ion:330 Resp: 363811
 Ion Ratio Lower Upper
 330 100
 332 96.5 76.0 114.0
 141 28.7 22.9 34.3

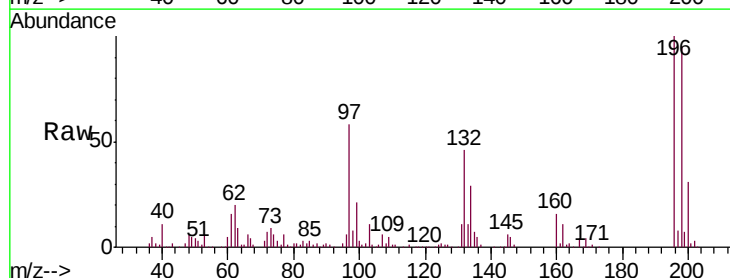


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

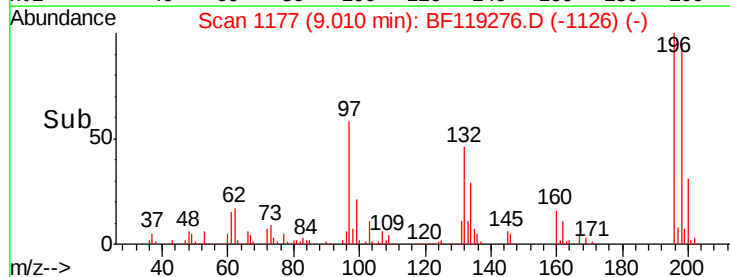
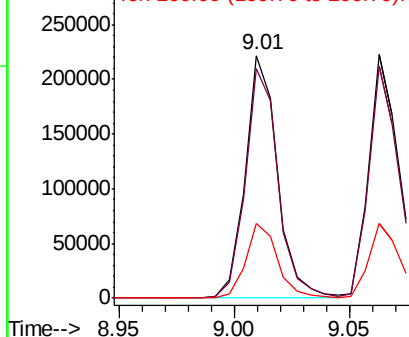


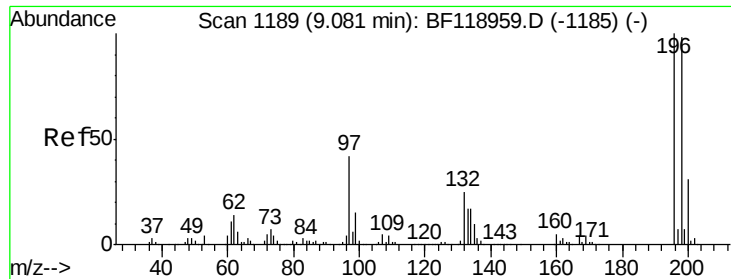
#43
 2,4,6-Trichlorophenol
 Concen: 38.652 ng
 RT: 9.01 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion:196 Resp: 217000
 Ion Ratio Lower Upper
 196 100
 198 94.5 77.1 115.7
 200 30.6 25.0 37.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

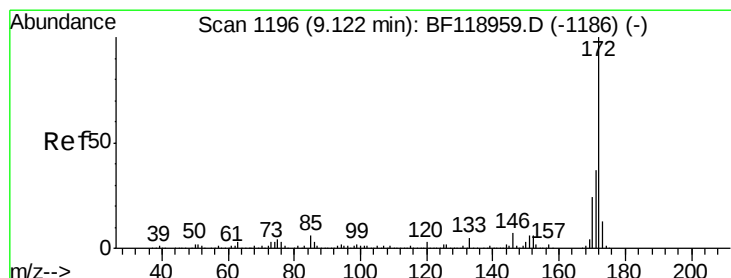
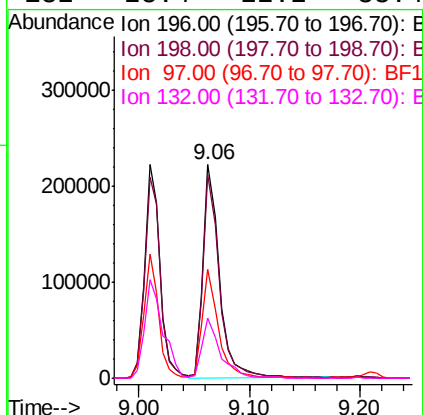
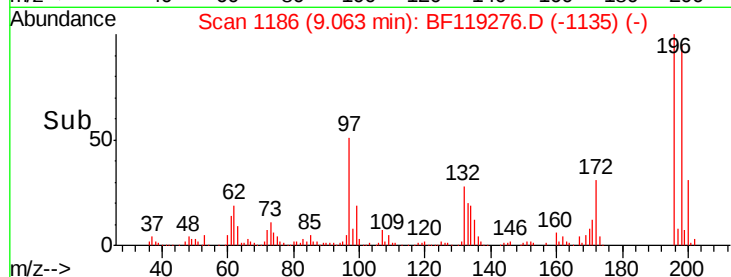
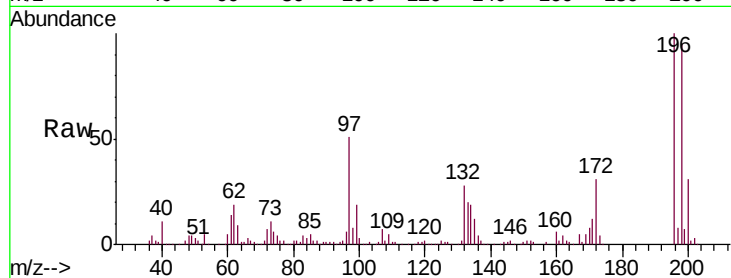




#44
 2,4,5-Trichlorophenol
 Concen: 37.833 ng
 RT: 9.06 min Scan# 1186
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

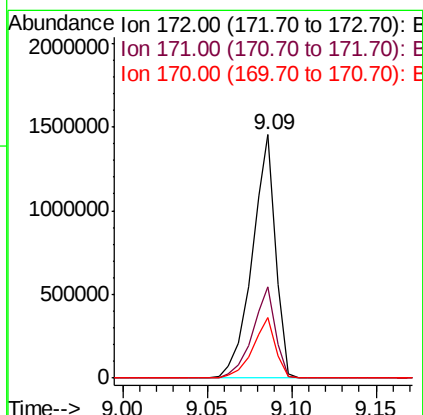
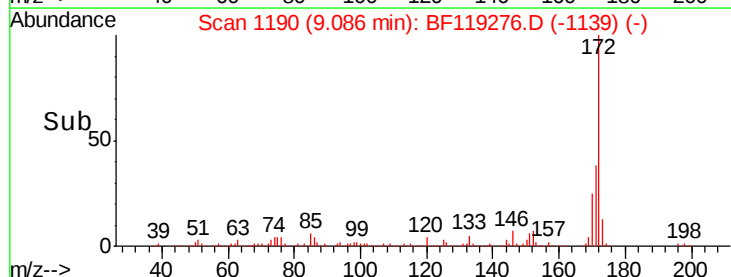
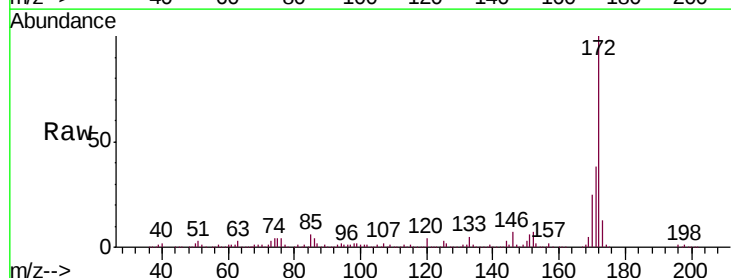
Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

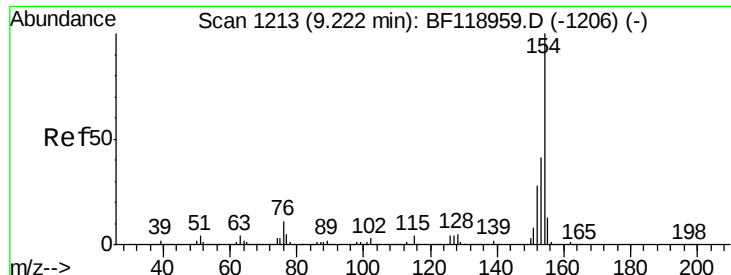
Tgt Ion:196 Resp: 222883
 Ion Ratio Lower Upper
 196 100
 198 95.1 76.8 115.2
 97 50.8 38.5 57.7
 132 28.4 22.2 33.4



#45
 2-Fluorobiphenyl
 Concen: 78.300 ng
 RT: 9.09 min Scan# 1190
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion:172 Resp: 1401487
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.6 45.8
 170 24.8 20.2 30.2

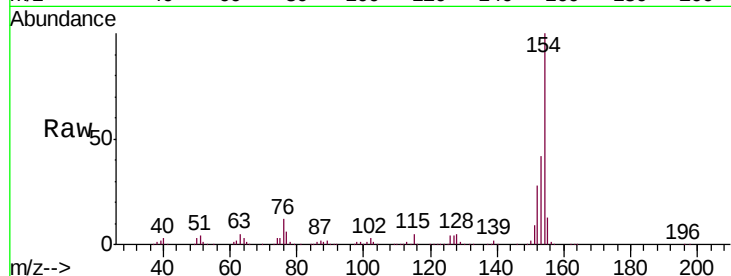




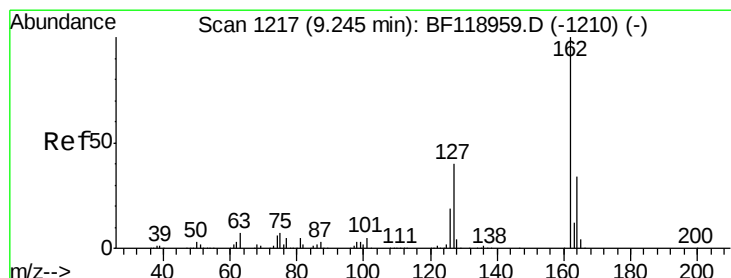
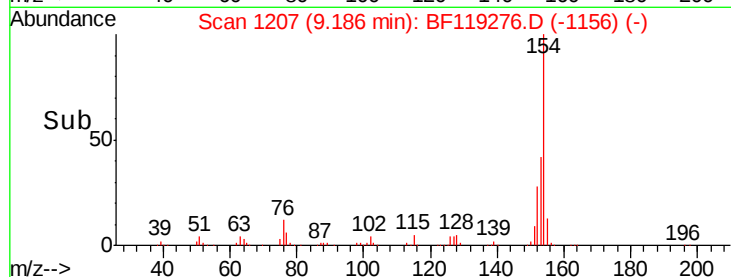
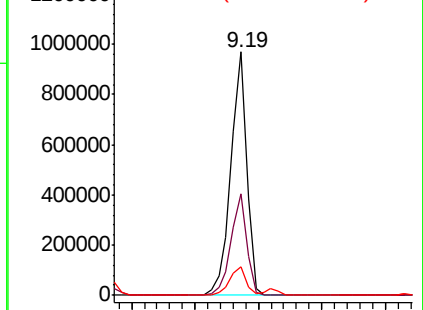
#46
1,1'-Biphenyl
Concen: 39.281 ng
RT: 9.19 min Scan# 1207
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tgt Ion:154 Resp: 837114
Ion Ratio Lower Upper
154 100
153 41.7 22.8 62.8
76 11.8 0.0 32.2

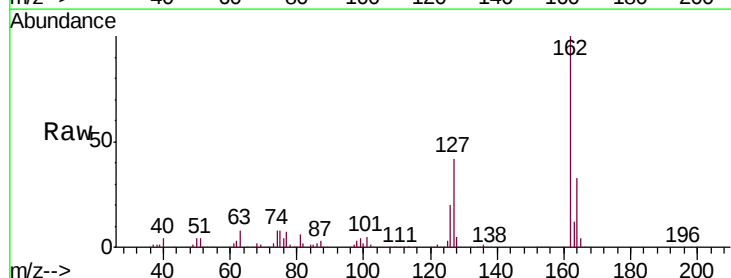


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): BF1

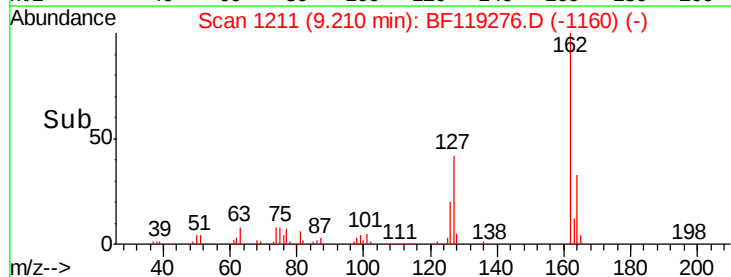
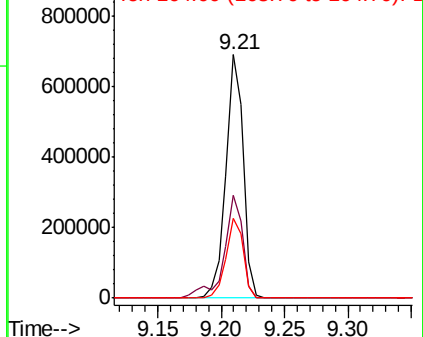


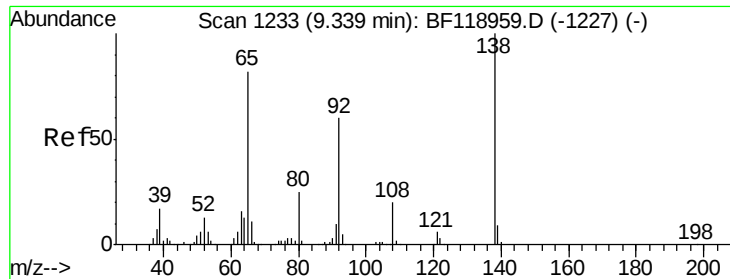
#47
2-Chloronaphthalene
Concen: 38.010 ng
RT: 9.21 min Scan# 1211
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion:162 Resp: 652752
Ion Ratio Lower Upper
162 100
127 42.5 35.0 52.4
164 32.9 27.2 40.8



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

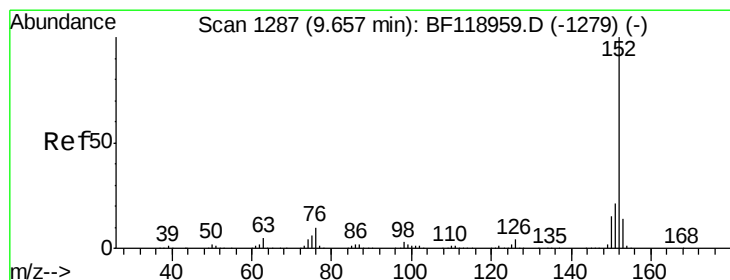
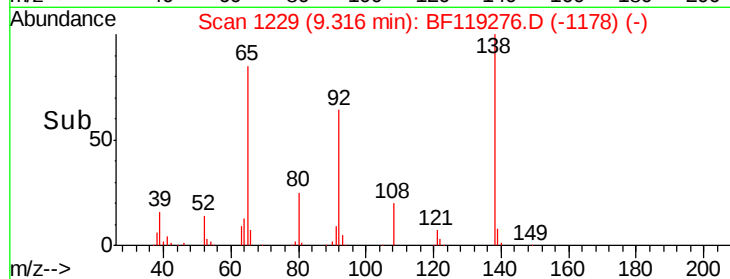
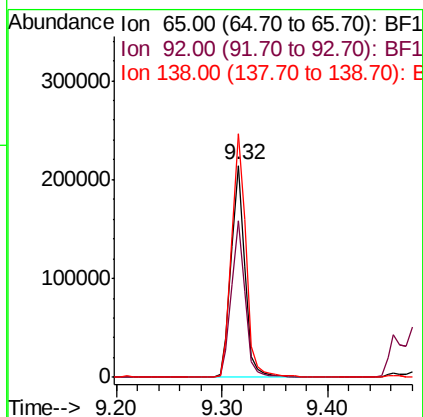
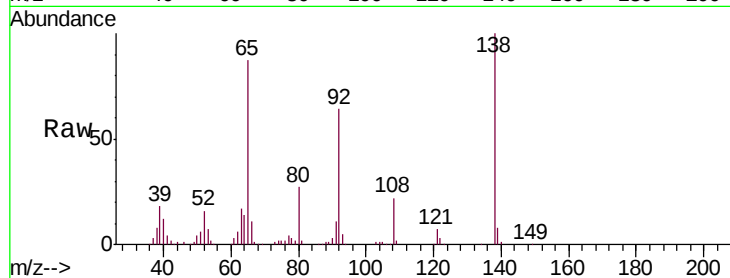




#48
2-Nitroaniline
Concen: 40.445 ng
RT: 9.32 min Scan# 1229
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

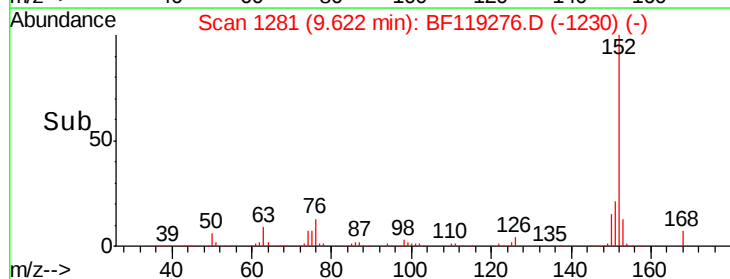
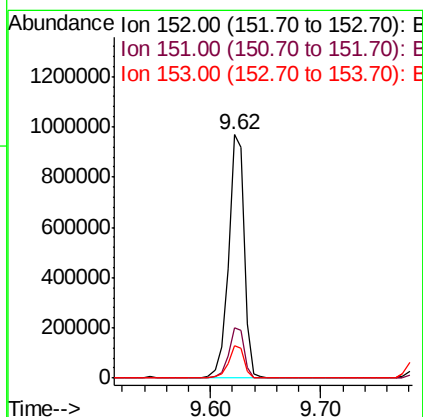
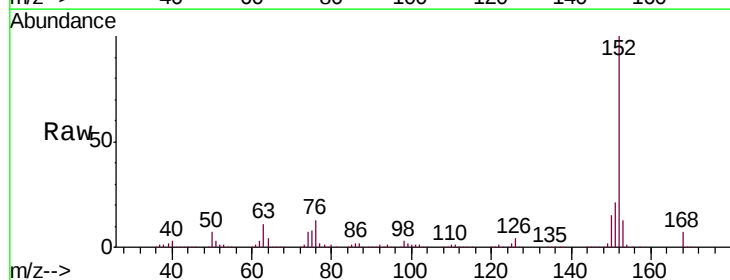
Instrument :
BNA_F
ClientSampleId :
PB127331BS

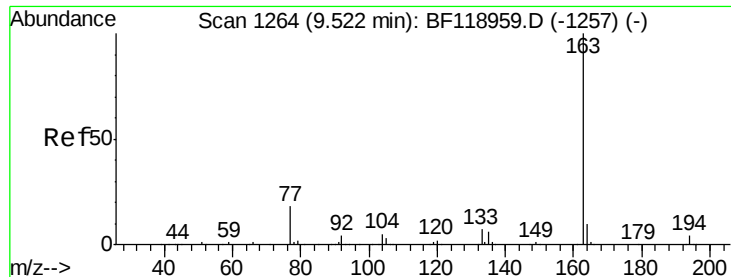
Tgt Ion: 65 Resp: 193731
Ion Ratio Lower Upper
65 100
92 74.1 58.2 87.2
138 115.0 95.6 143.4



#49
Acenaphthylene
Concen: 38.806 ng
RT: 9.62 min Scan# 1281
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion: 152 Resp: 962532
Ion Ratio Lower Upper
152 100
151 20.7 16.9 25.3
153 13.1 11.0 16.6

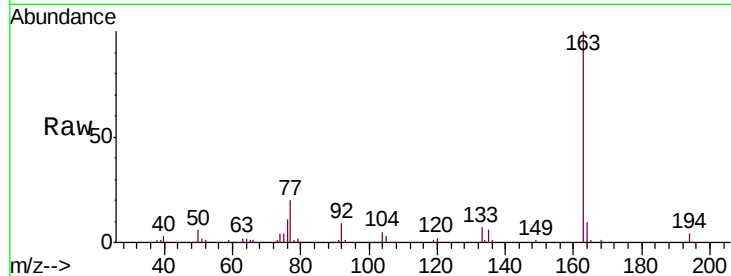




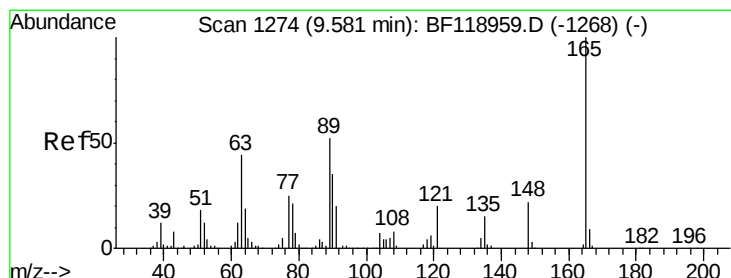
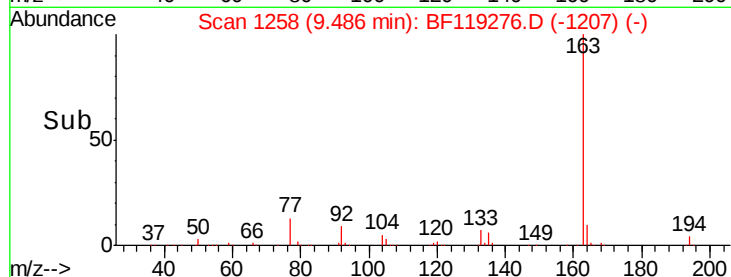
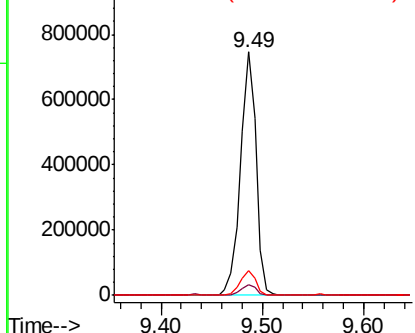
#50
Dimethylphthalate
Concen: 39.395 ng
RT: 9.49 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tgt Ion:163 Resp: 794324
Ion Ratio Lower Upper
163 100
194 4.2 3.5 5.3
164 10.1 8.4 12.6

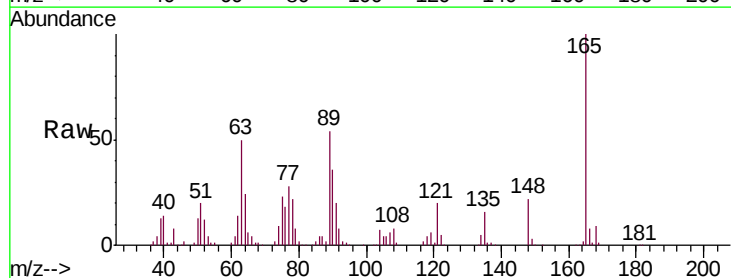


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

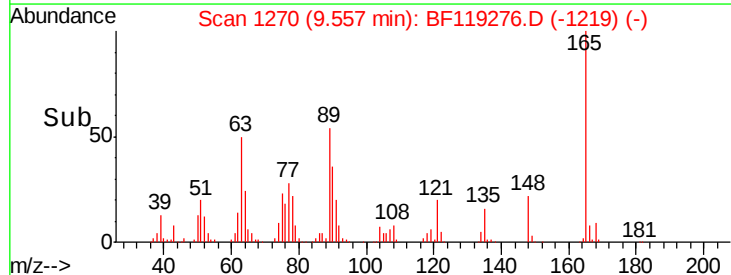
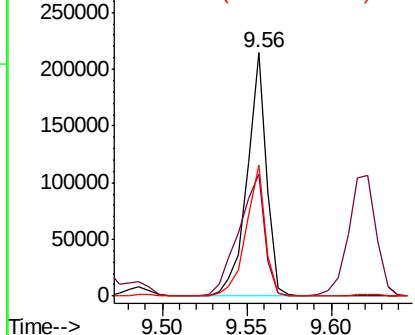


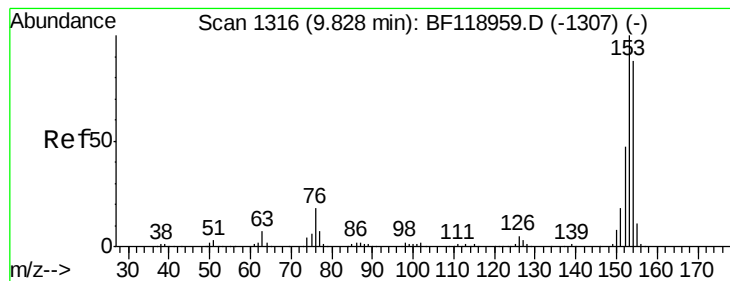
#51
2,6-Dinitrotoluene
Concen: 38.602 ng
RT: 9.56 min Scan# 1270
Delta R.T. 0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion:165 Resp: 172923
Ion Ratio Lower Upper
165 100
63 50.0 34.3 51.5
89 54.1 38.3 57.5



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: 39.028 ng

RT: 9.80 min Scan# 1311

Delta R.T. 0.01 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

ClientSampleId :

PB127331BS

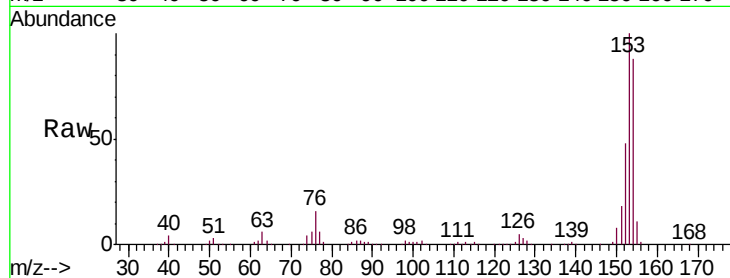
Tgt Ion:154 Resp: 583701

Ion Ratio Lower Upper

154 100

153 113.2 90.3 135.5

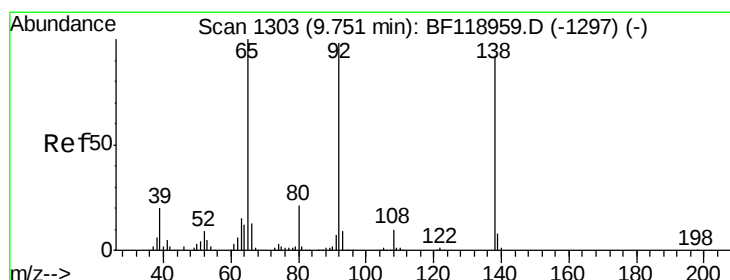
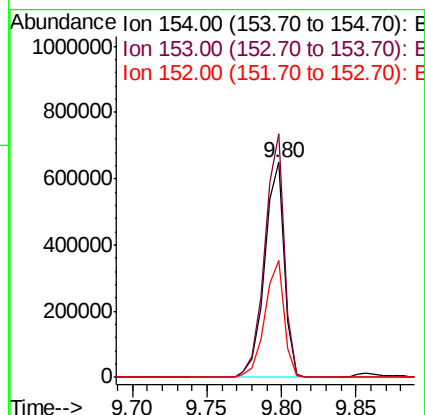
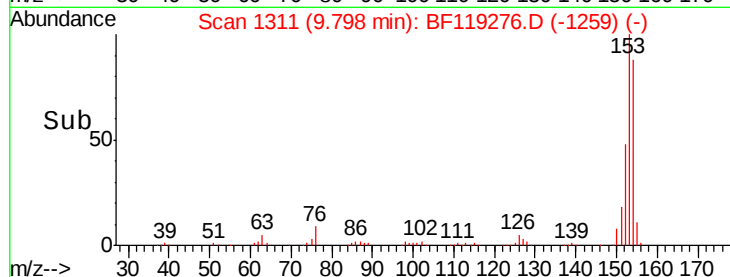
152 54.4 43.8 65.8



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: 28.705 ng

RT: 9.73 min Scan# 1299

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

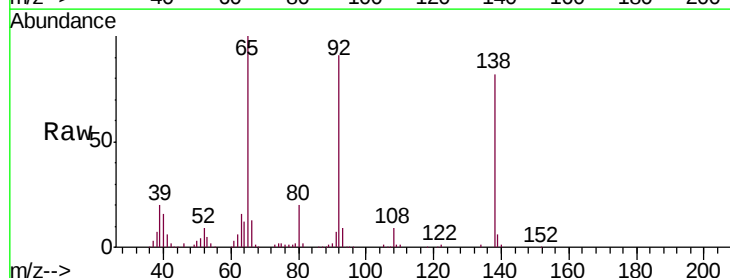
Tgt Ion:138 Resp: 142557

Ion Ratio Lower Upper

138 100

108 10.8 8.8 13.2

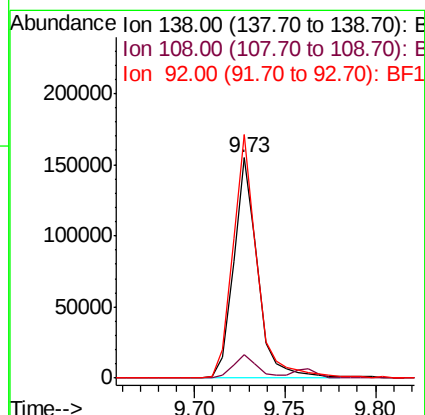
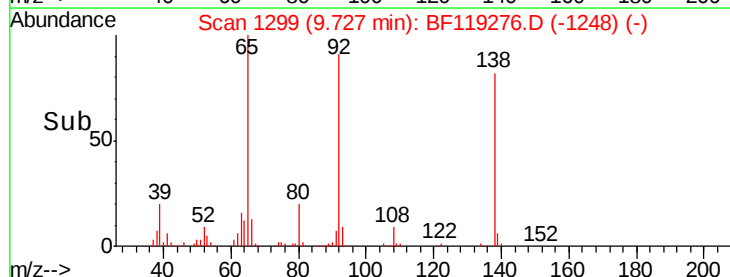
92 110.6 84.8 127.2

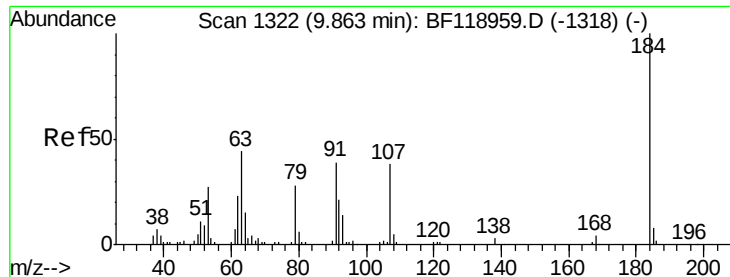


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BF1

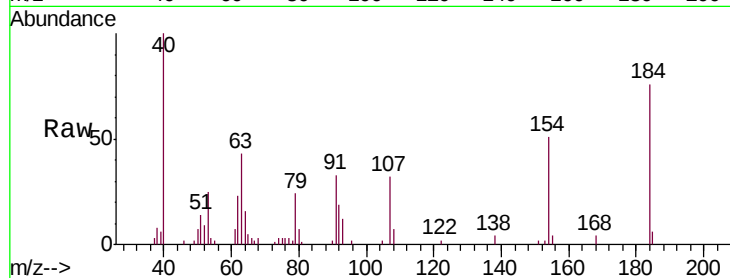




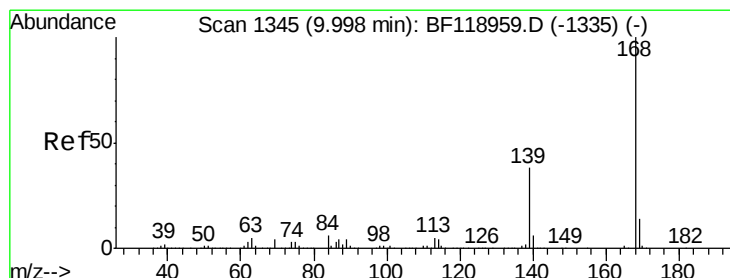
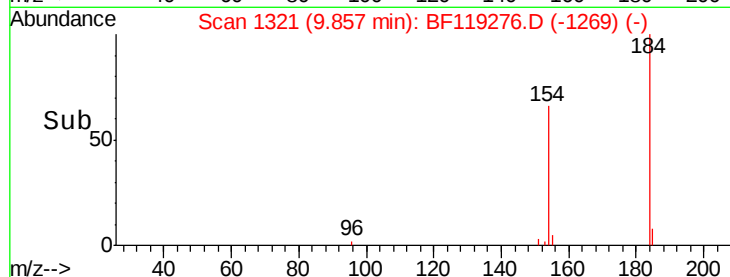
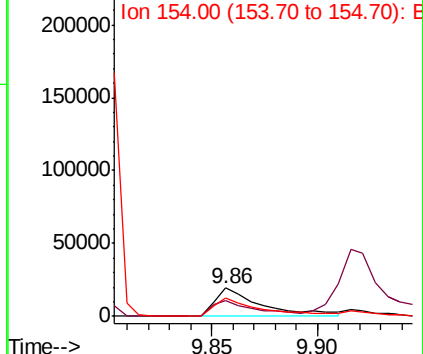
#54
 2,4-Dinitrophenol
 Concen: 19.660 ng
 RT: 9.86 min Scan# 1321
 Delta R.T. 0.01 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Tgt Ion:184 Resp: 29263
 Ion Ratio Lower Upper
 184 100
 63 55.9 38.7 58.1
 154 66.4 49.7 74.5

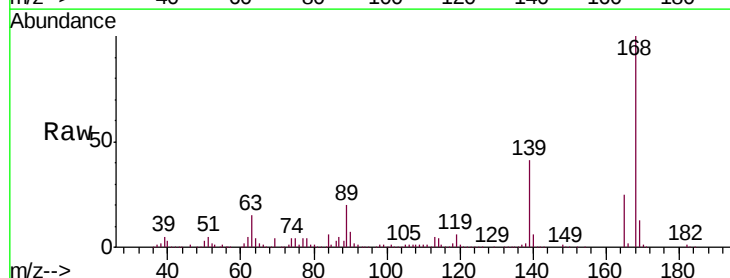


Abundance Ion 184.00 (183.70 to 184.70): E
 Ion 63.00 (62.70 to 63.70): BF1
 Ion 154.00 (153.70 to 154.70): E

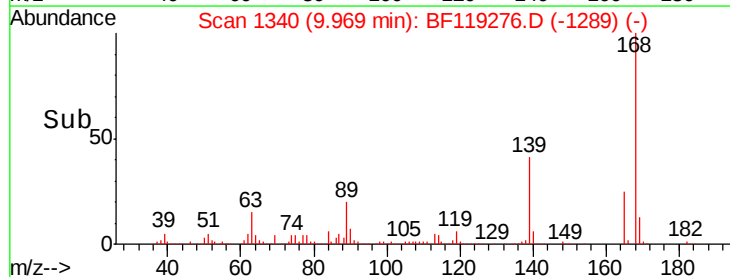
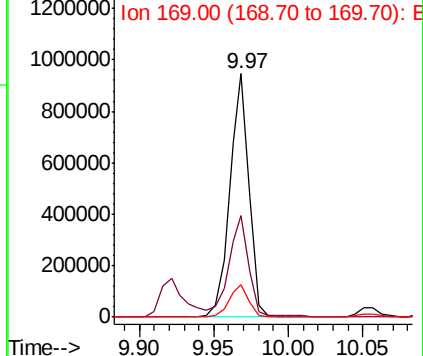


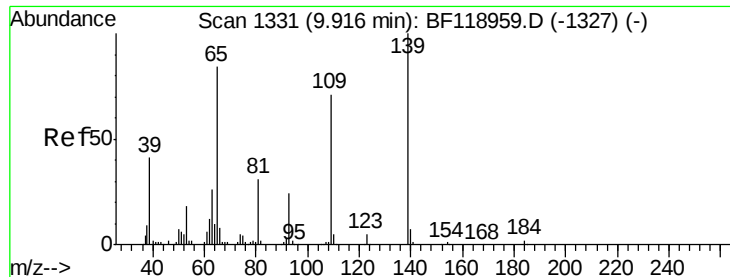
#55
 Dibenzofuran
 Concen: 38.264 ng
 RT: 9.97 min Scan# 1340
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion:168 Resp: 854172
 Ion Ratio Lower Upper
 168 100
 139 41.5 34.0 51.0
 169 13.5 11.0 16.4



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

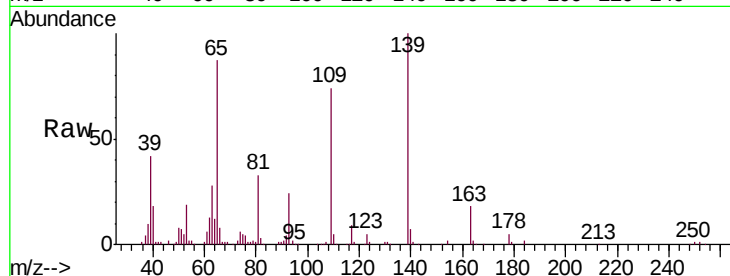




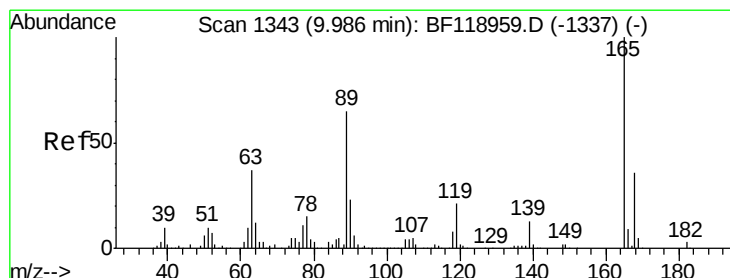
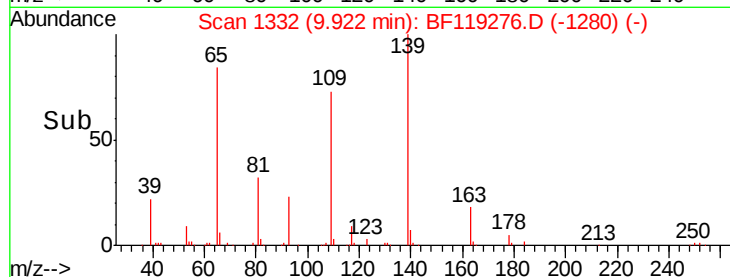
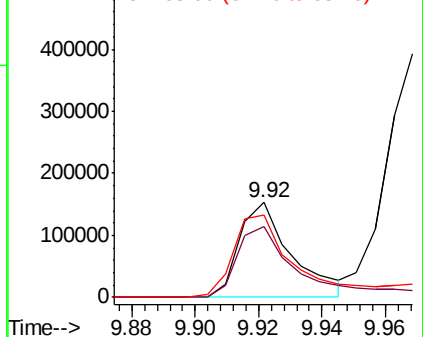
#56
4-Nitrophenol
Concen: 58.573 ng
RT: 9.92 min Scan# 1332
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tgt Ion:139 Resp: 174772
Ion Ratio Lower Upper
139 100
109 74.4 56.7 96.7
65 86.9 65.0 105.0

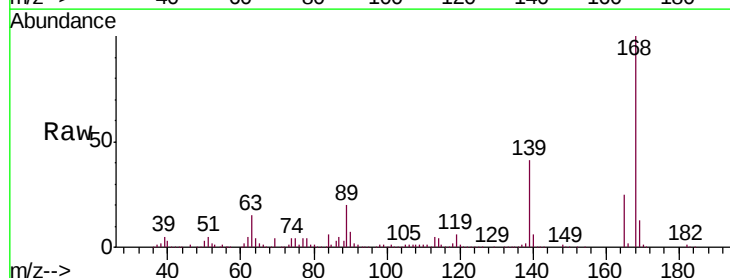


Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF1

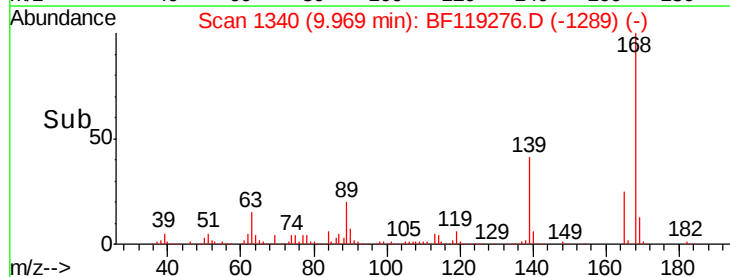
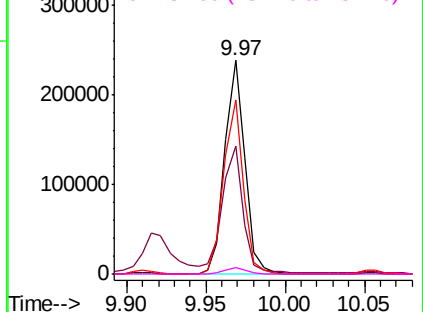


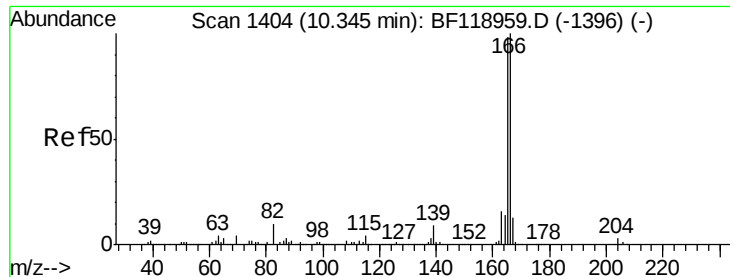
#57
2,4-Dinitrotoluene
Concen: 36.092 ng
RT: 9.97 min Scan# 1340
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion:165 Resp: 209568
Ion Ratio Lower Upper
165 100
63 59.9 42.3 63.5
89 81.3 60.2 90.4
182 2.9 2.3 3.5



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
Ion 182.00 (181.70 to 182.70): E





#58

Fluorene

Concen: 39.698 ng

RT: 10.31 min Scan# 1398

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

ClientSampleId :

PB127331BS

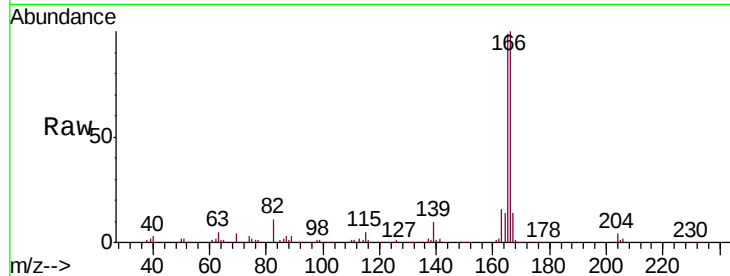
Tgt Ion:166 Resp: 688630

Ion Ratio Lower Upper

166 100

165 98.6 78.5 117.7

167 13.7 11.0 16.4

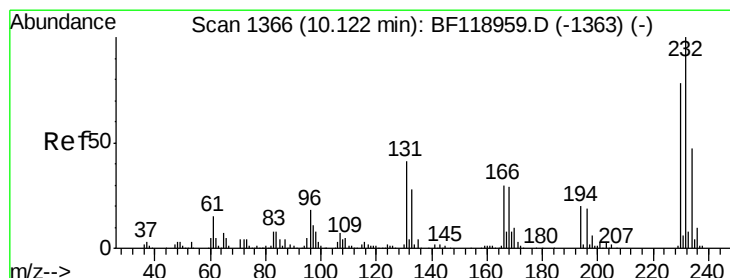
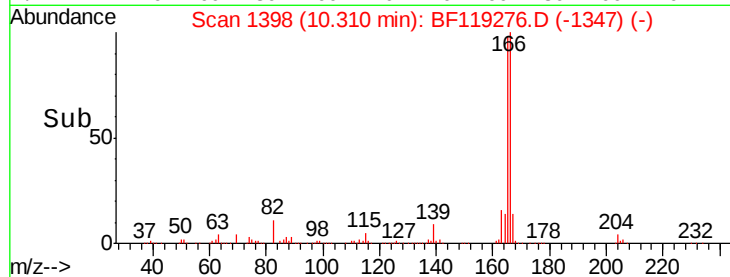
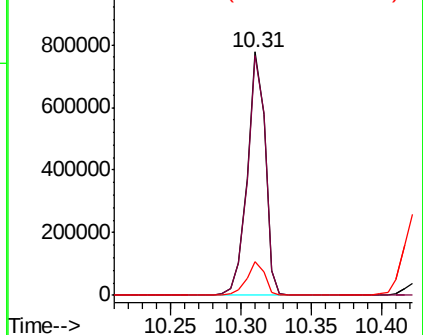


Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#59

2,3,4,6-Tetrachlorophenol

Concen: 36.023 ng

RT: 10.10 min Scan# 1362

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Tgt Ion:232 Resp: 179071

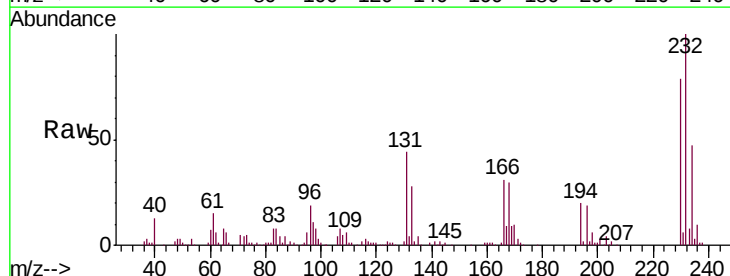
Ion Ratio Lower Upper

232 100

131 43.4 33.8 50.8

130 2.3 1.8 2.6

166 30.4 23.0 34.4



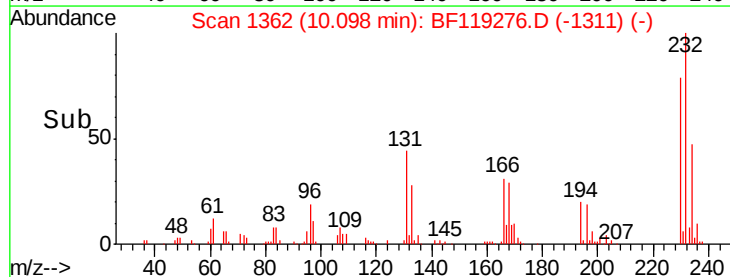
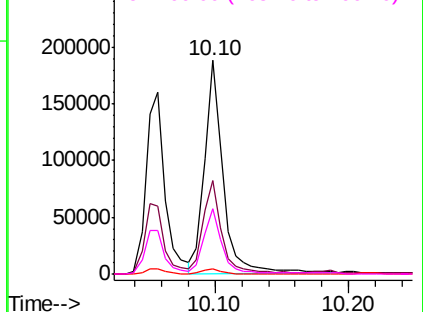
Abundance

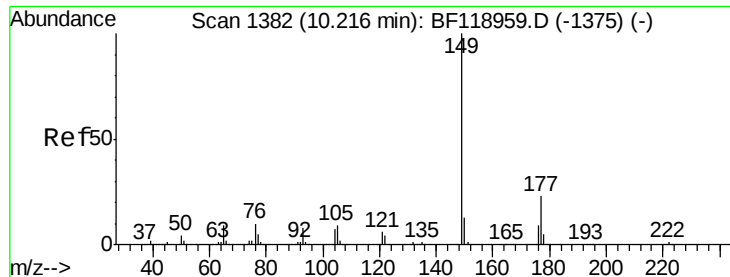
Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E

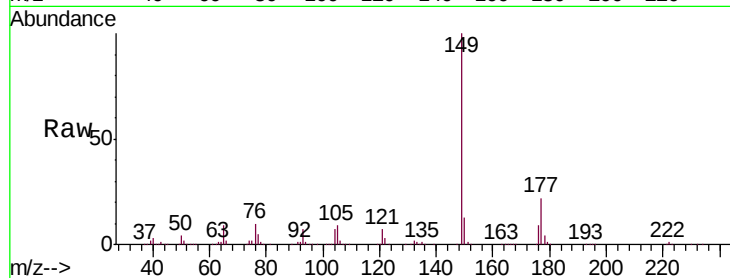




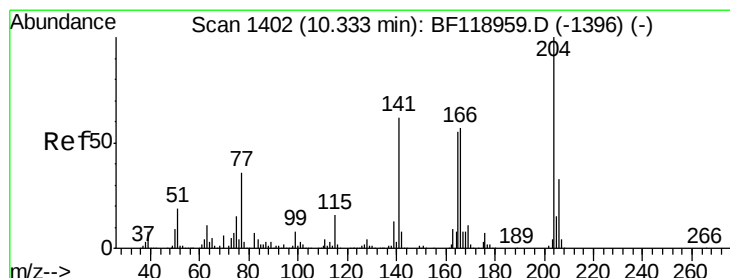
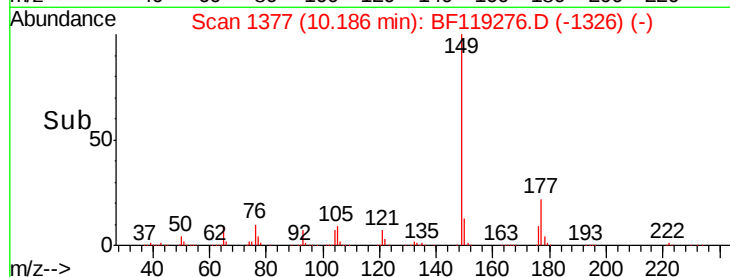
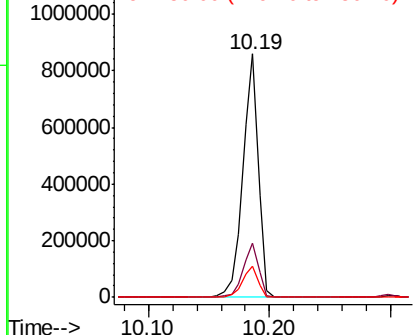
#60
Diethylphthalate
Concen: 40.262 ng
RT: 10.19 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tgt Ion:149 Resp: 765032
Ion Ratio Lower Upper
149 100
177 22.4 18.2 27.2
150 12.6 10.5 15.7

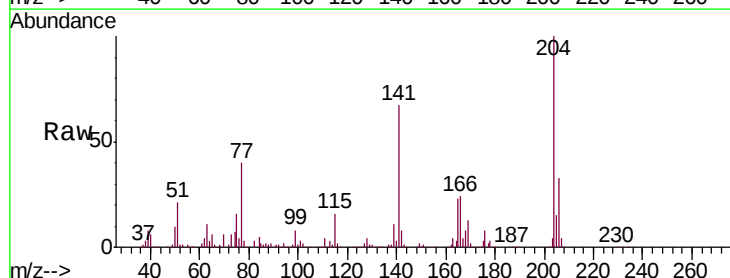


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 177.00 (176.70 to 177.70): E
Ion 150.00 (149.70 to 150.70): E

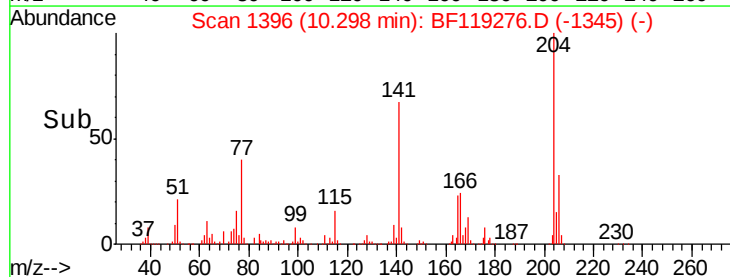
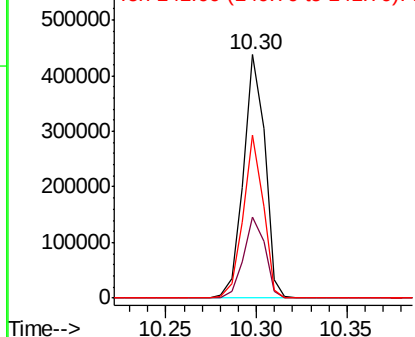


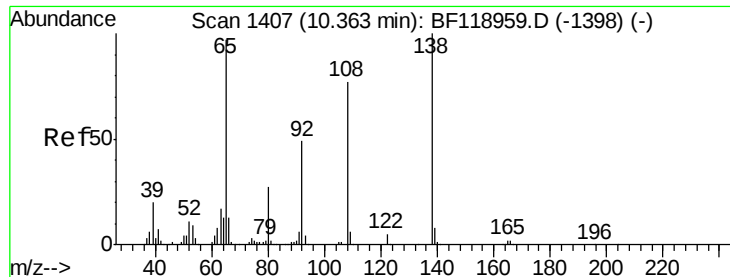
#61
4-Chlorophenyl-phenylether
Concen: 39.226 ng
RT: 10.30 min Scan# 1396
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion:204 Resp: 360165
Ion Ratio Lower Upper
204 100
206 33.2 27.1 40.7
141 66.7 52.9 79.3



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

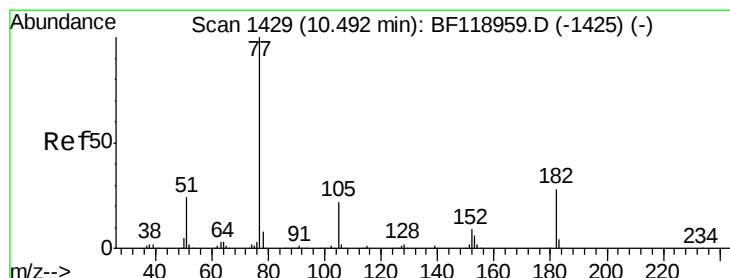
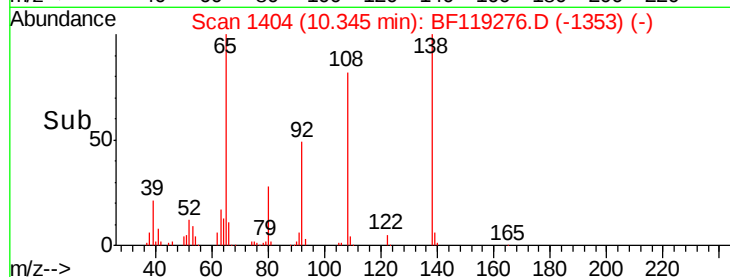
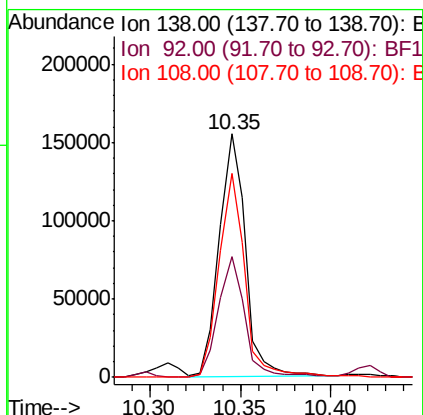
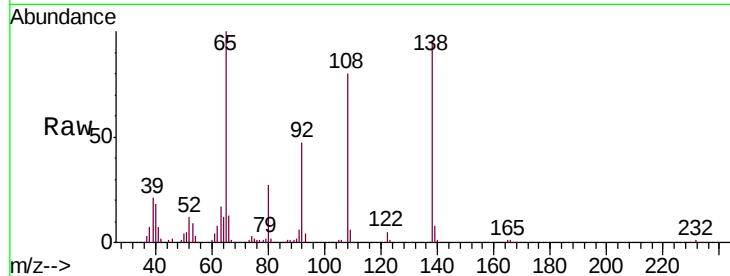




#62
4-Nitroaniline
Concen: 30.879 ng
RT: 10.35 min Scan# 1404
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

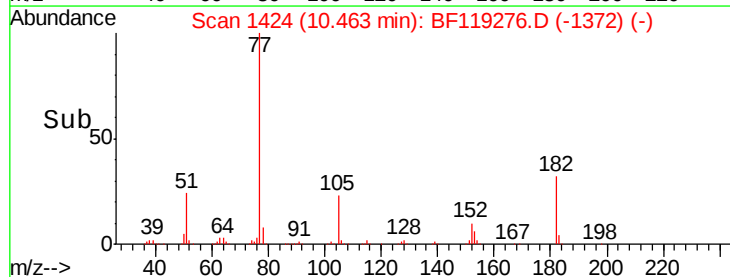
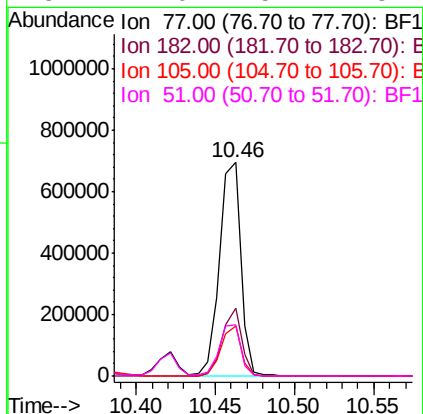
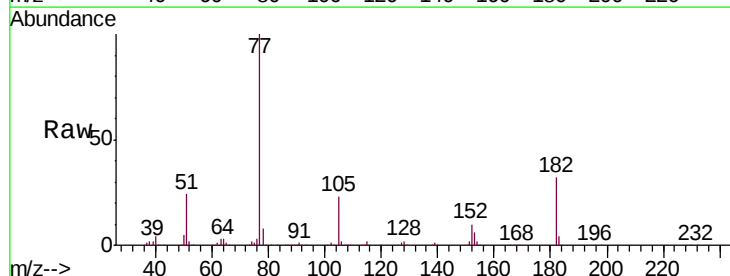
Instrument :
BNA_F
ClientSampleId :
PB127331BS

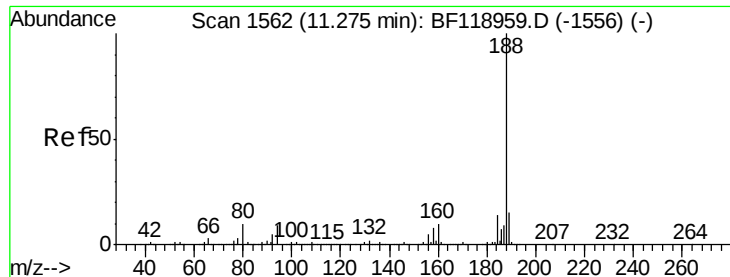
Tgt Ion:138 Resp: 156899
Ion Ratio Lower Upper
138 100
92 49.3 27.3 67.3
108 83.5 57.0 97.0



#63
Azobenzene
Concen: 39.321 ng
RT: 10.46 min Scan# 1424
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion: 77 Resp: 649439
Ion Ratio Lower Upper
77 100
182 31.5 11.4 51.4
105 23.1 3.4 43.4
51 24.0 5.1 45.1





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.24 min Scan# 1557

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

ClientSampleId :

PB127331BS

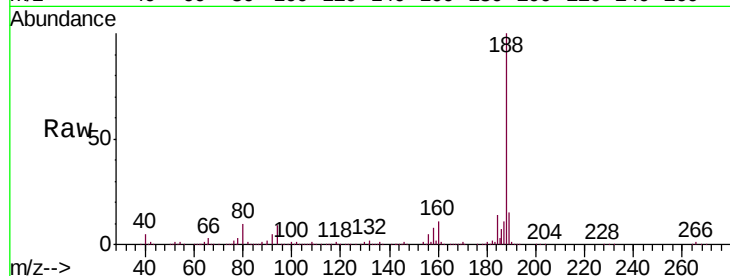
Tgt Ion:188 Resp: 457192

Ion Ratio Lower Upper

188 100

94 9.0 7.1 10.7

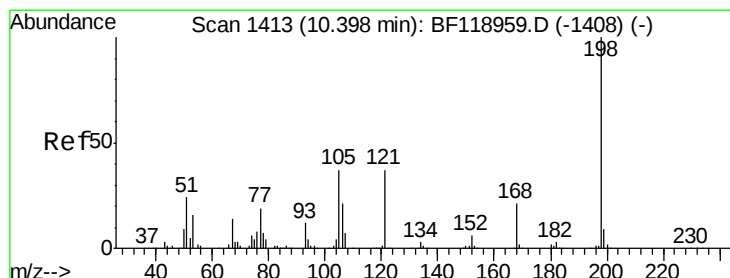
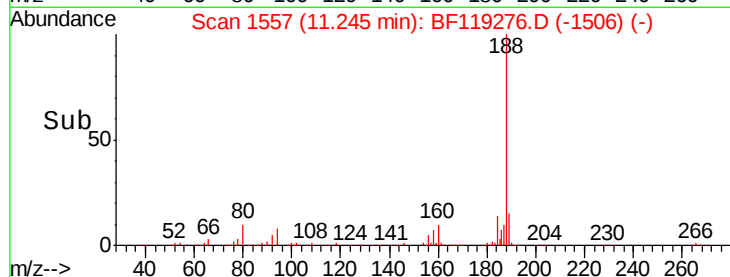
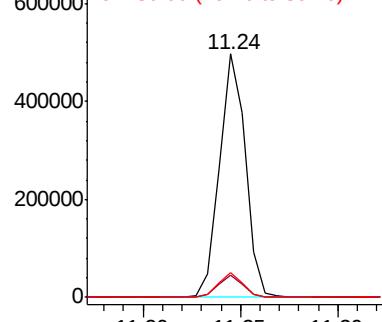
80 10.1 7.8 11.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1



#65

4,6-Dinitro-2-methylphenol

Concen: 11.594 ng

RT: 10.39 min Scan# 1411

Delta R.T. 0.01 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

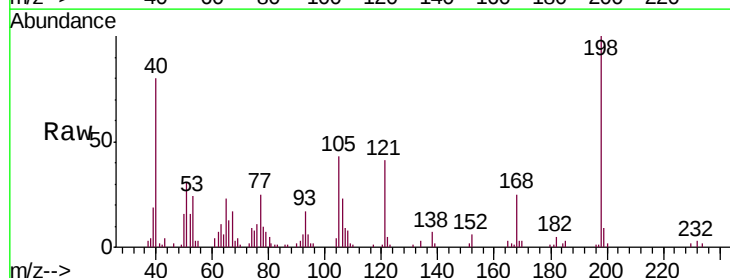
Tgt Ion:198 Resp: 32075

Ion Ratio Lower Upper

198 100

51 31.1 14.2 54.2

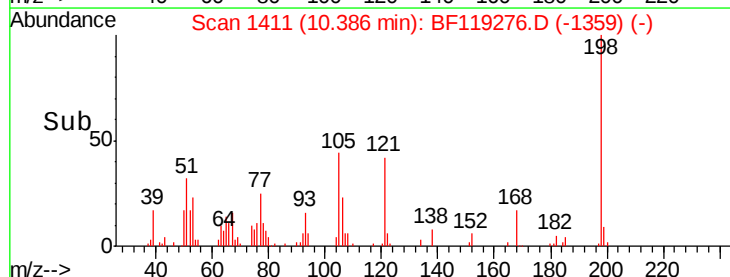
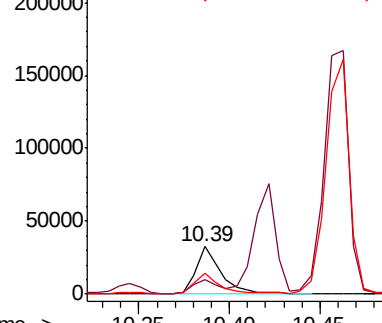
105 43.2 22.7 62.7

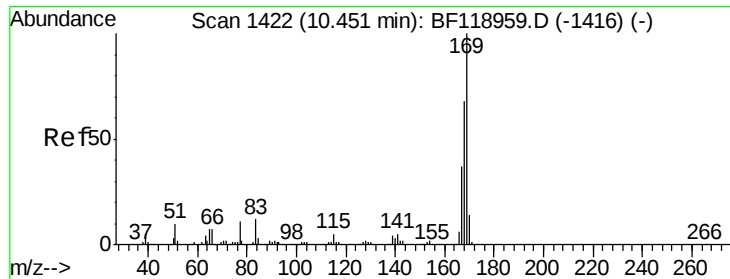


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BF1

Ion 105.00 (104.70 to 105.70): E

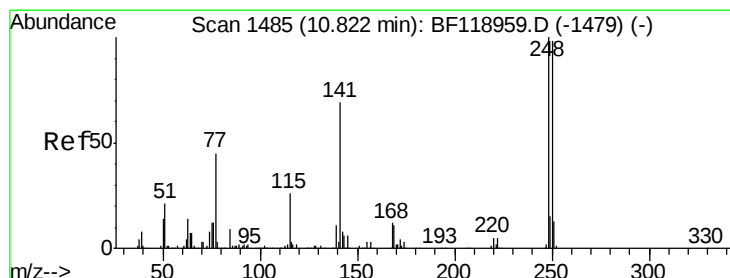
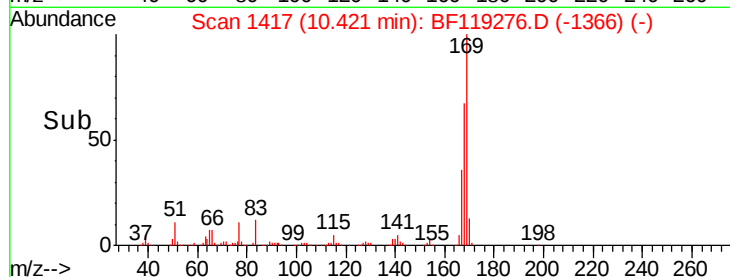
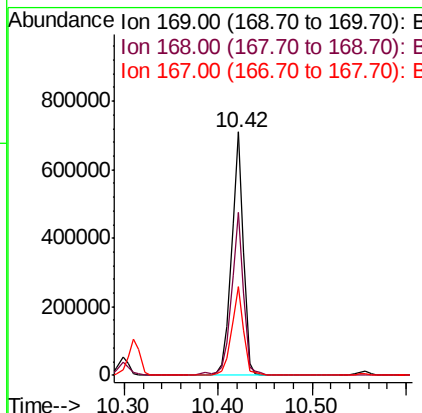
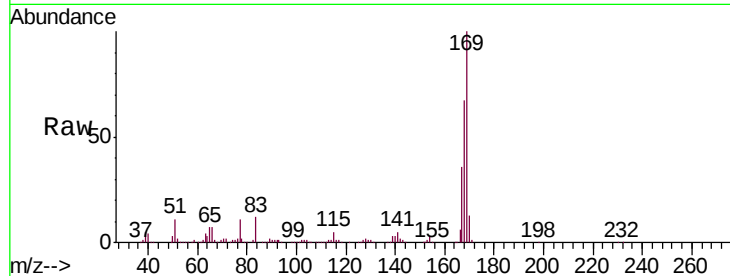




#66
 n-Nitrosodiphenylamine
 Concen: 41.187 ng
 RT: 10.42 min Scan# 1417
 Delta R.T. 0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

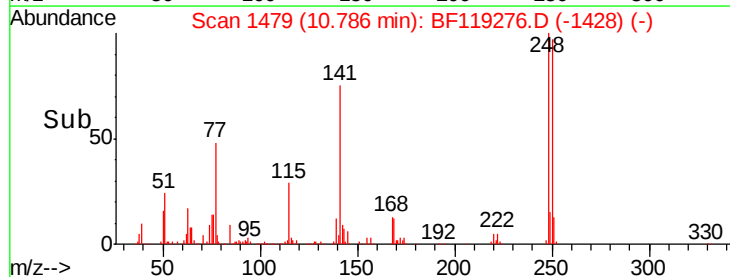
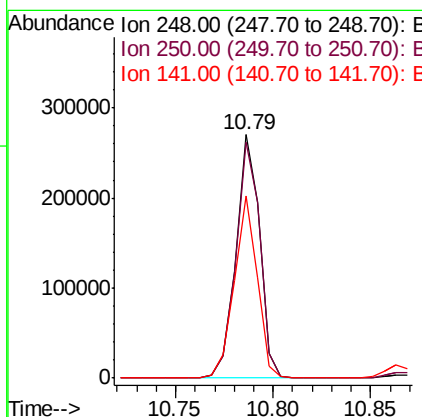
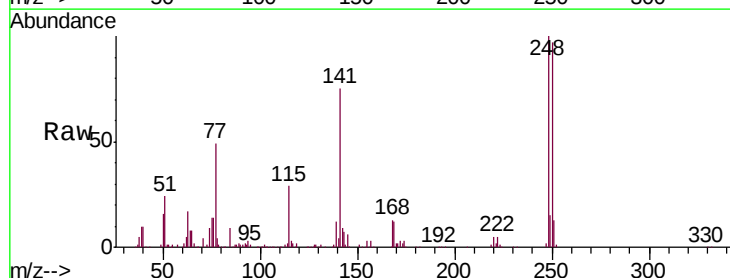
Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

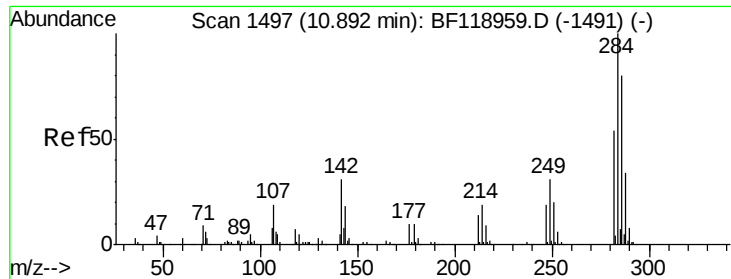
Tgt Ion	Ratio	Lower	Upper
169	100		
168	67.0	54.1	81.1
167	36.3	29.4	44.0



#67
 4-Bromophenyl-phenylether
 Concen: 38.110 ng
 RT: 10.79 min Scan# 1479
 Delta R.T. 0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
248	100		
250	96.9	76.7	115.1
141	74.8	60.7	91.1

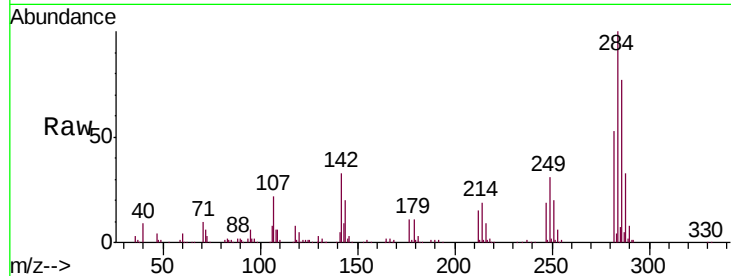




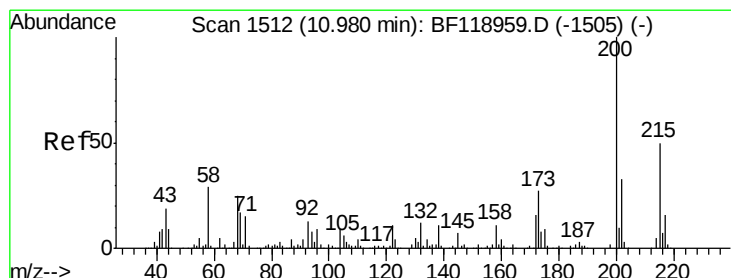
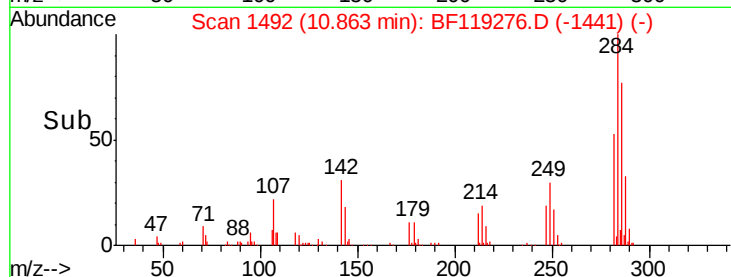
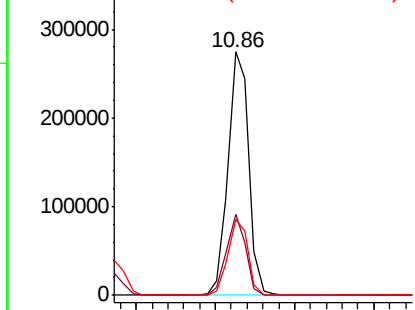
#68
Hexachlorobenzene
Concen: 35.986 ng
RT: 10.86 min Scan# 1492
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Instrument :
BNA_F
ClientSampleId :
PB127331BS

Tgt Ion	Ratio	Lower	Upper
284	100		
142	33.3	23.7	35.5
249	31.3	25.0	37.6

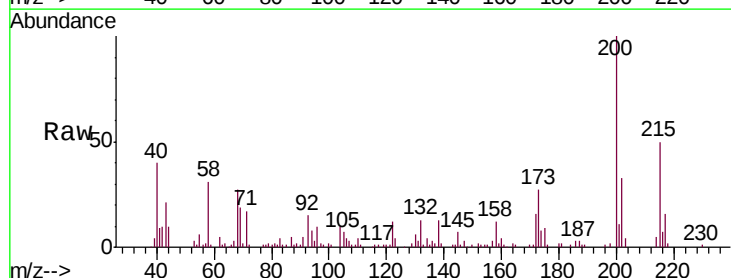


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

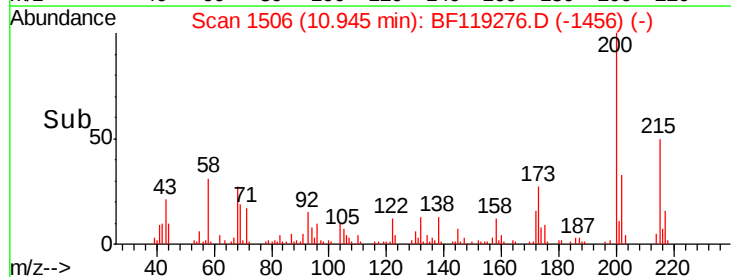
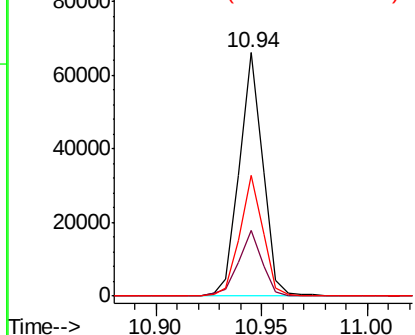


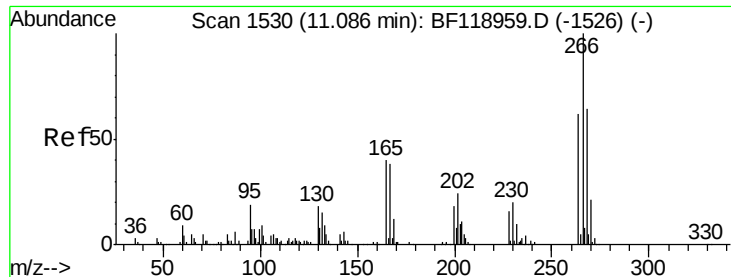
#69
Atrazine
Concen: 9.717 ng
RT: 10.94 min Scan# 1506
Delta R.T. -0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
200	100		
173	27.1	6.4	46.4
215	49.9	27.4	67.4



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

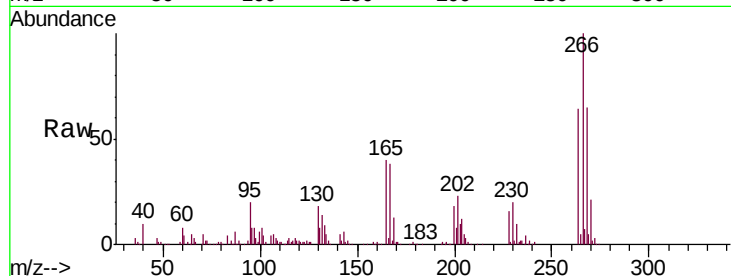




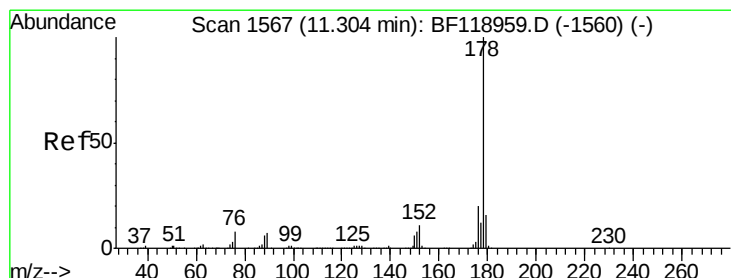
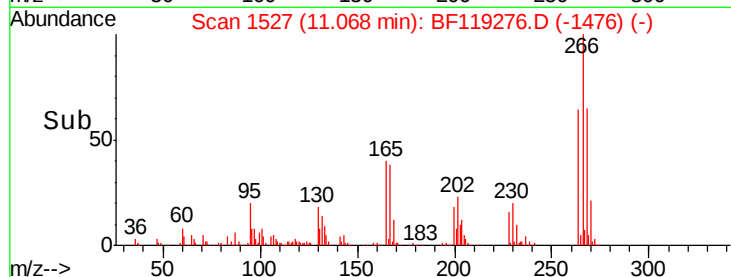
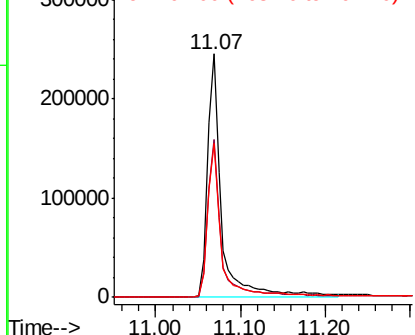
#70
 Pentachlorophenol
 Concen: 103.790 ng
 RT: 11.07 min Scan# 1527
 Delta R.T. 0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Tgt Ion:266 Resp: 288070
 Ion Ratio Lower Upper
 266 100
 268 64.8 51.9 77.9
 264 63.5 51.0 76.4

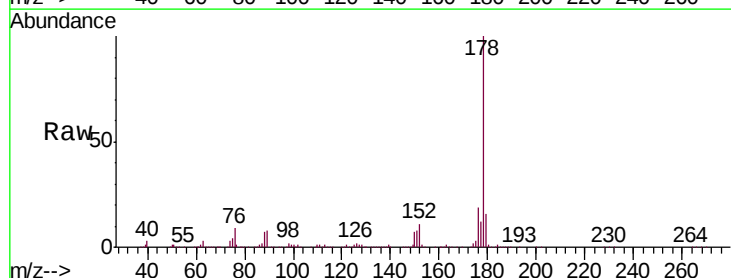


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

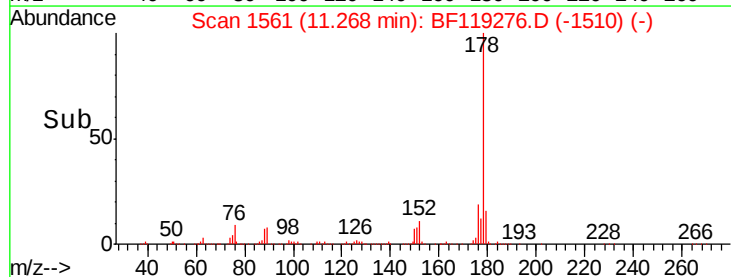
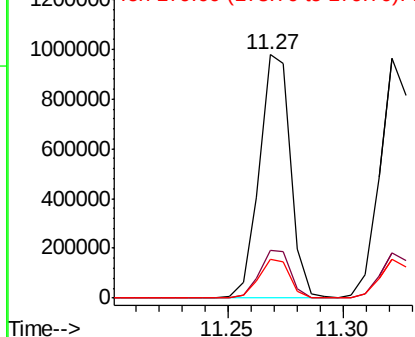


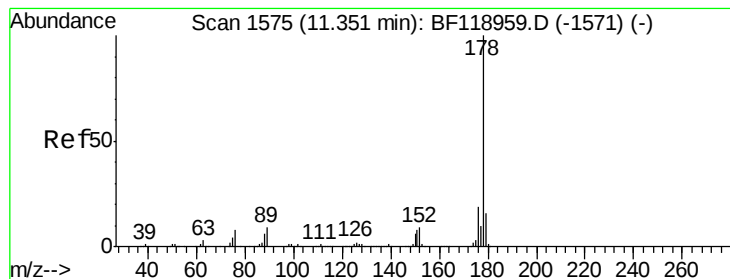
#71
 Phenanthrene
 Concen: 37.180 ng
 RT: 11.27 min Scan# 1561
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion:178 Resp: 927018
 Ion Ratio Lower Upper
 178 100
 176 19.5 16.5 24.7
 179 16.1 13.0 19.6



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





#72

Anthracene

Concen: 36.486 ng

RT: 11.32 min Scan# 1570

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

ClientSampleId :

PB127331BS

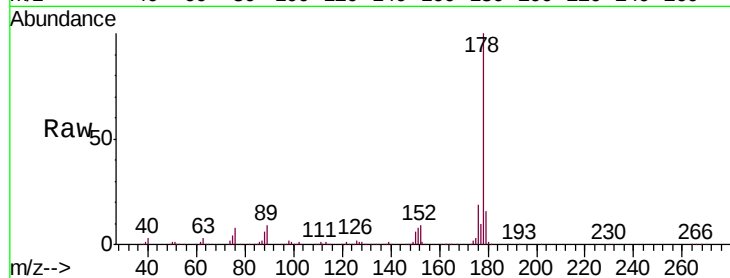
Tgt Ion:178 Resp: 908961

Ion Ratio Lower Upper

178 100

176 19.0 16.0 24.0

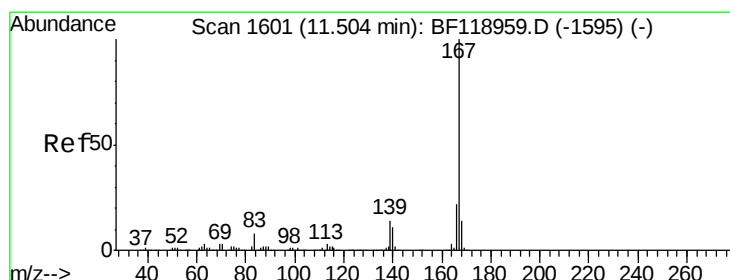
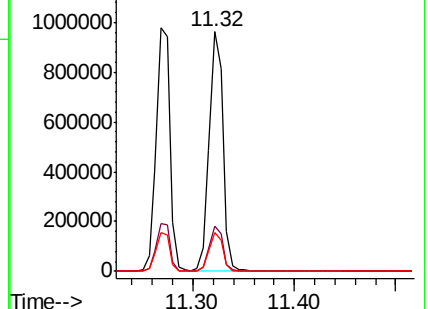
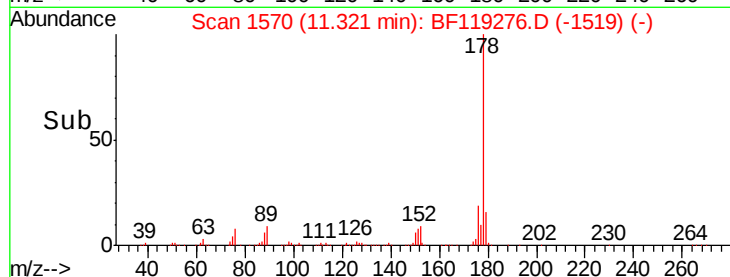
179 16.0 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#73

Carbazole

Concen: 37.498 ng

RT: 11.48 min Scan# 1597

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

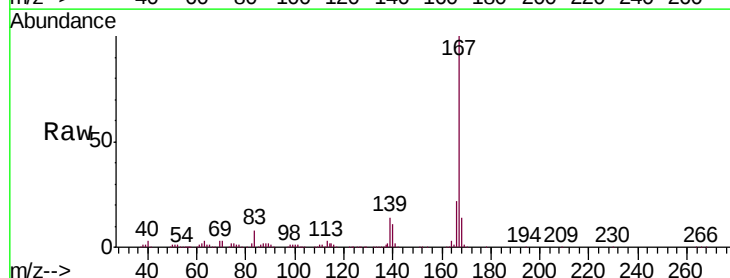
Tgt Ion:167 Resp: 832226

Ion Ratio Lower Upper

167 100

166 22.5 18.2 27.4

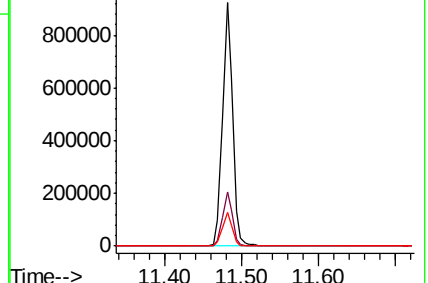
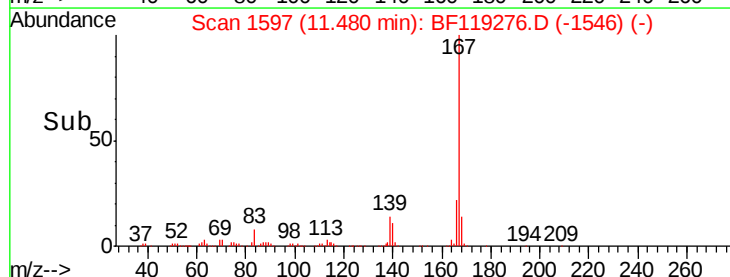
139 13.9 11.7 17.5

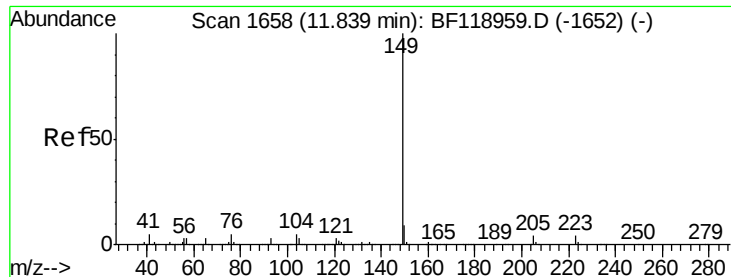


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#74

Di-n-butylphthalate

Concen: 40.329 ng

RT: 11.80 min Scan# 1652

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

ClientSampleId :

PB127331BS

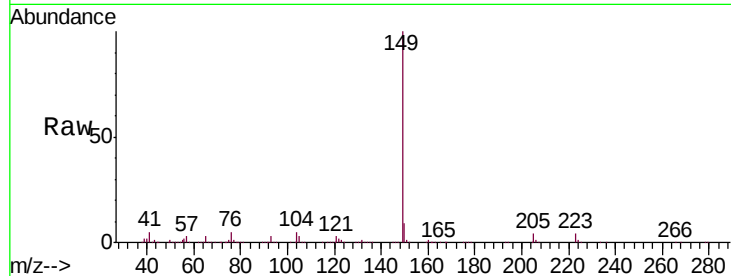
Tgt Ion:149 Resp: 1083927

Ion Ratio Lower Upper

149 100

150 9.4 7.9 11.9

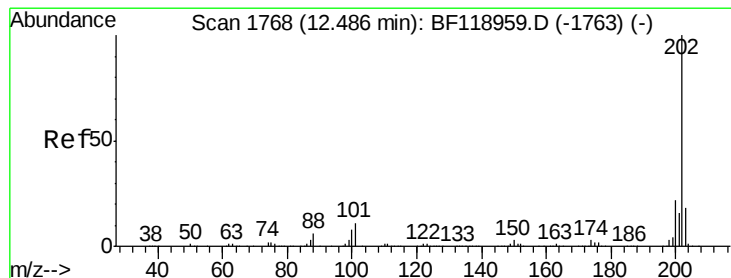
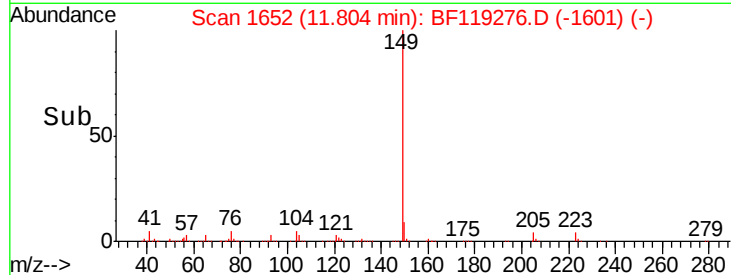
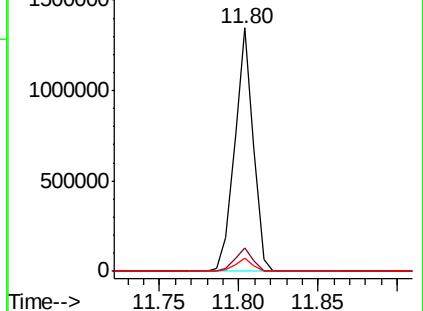
104 5.2 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Fluoranthene

Concen: 35.613 ng

RT: 12.46 min Scan# 1763

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

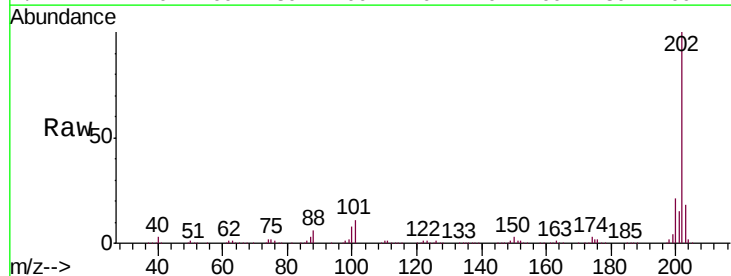
Tgt Ion:202 Resp: 942525

Ion Ratio Lower Upper

202 100

101 11.1 0.0 30.3

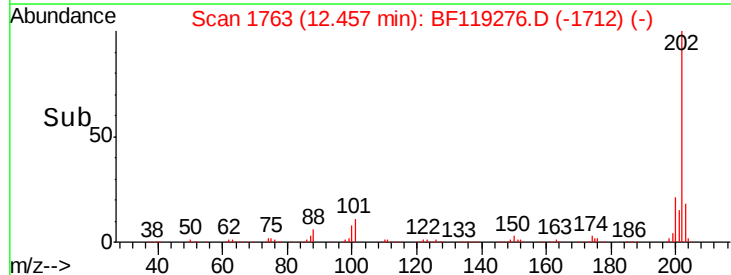
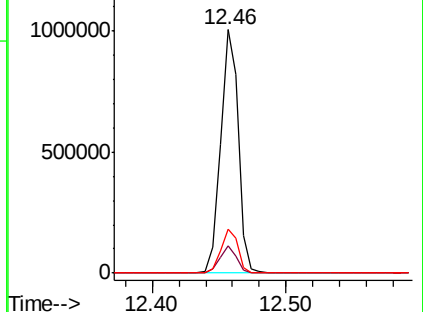
203 17.9 0.0 38.4

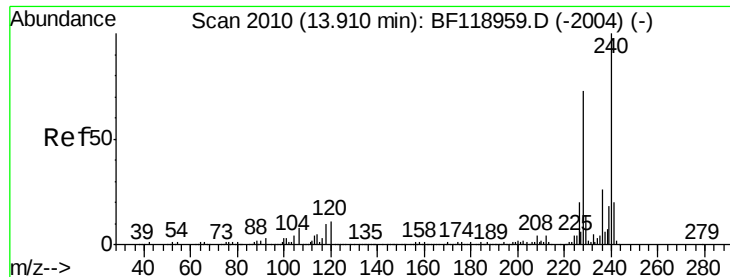


Abundance Ion 202.00 (201.70 to 202.70): E

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: 13.89 min Scan# 2006

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

ClientSampleId :

PB127331BS

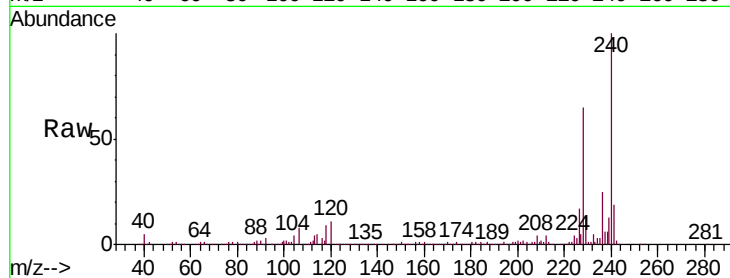
Tgt Ion:240 Resp: 391820

Ion Ratio Lower Upper

240 100

120 10.6 8.4 12.6

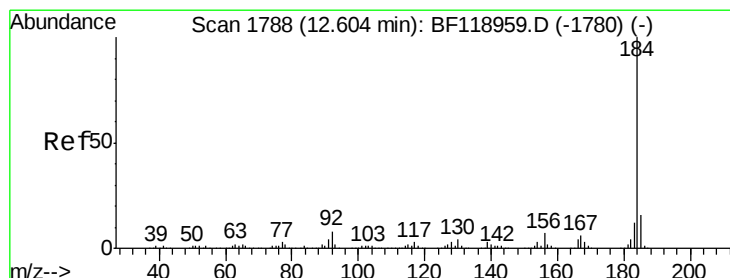
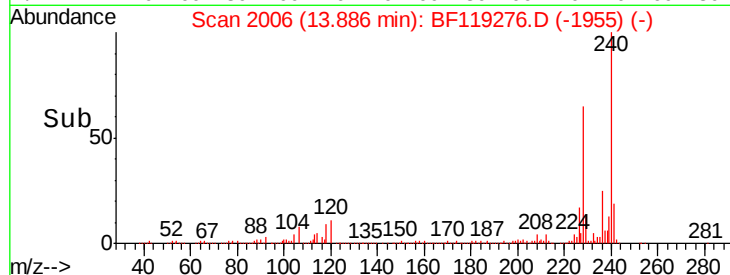
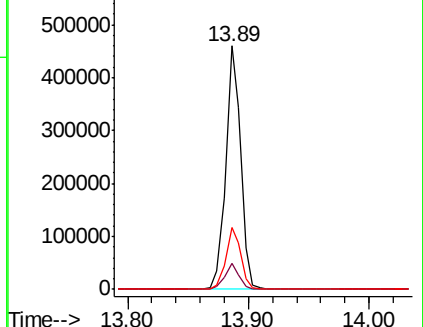
236 25.4 21.0 31.4



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: 9.375 ng

RT: 12.58 min Scan# 1784

Delta R.T. 0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

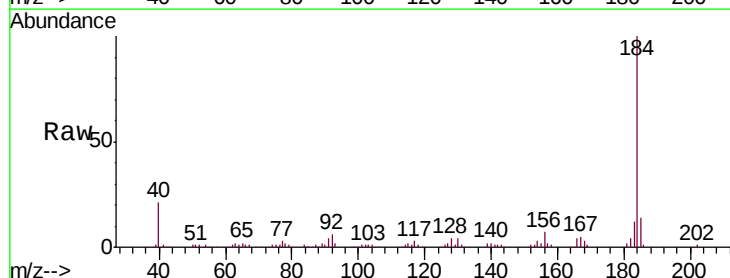
Tgt Ion:184 Resp: 149392

Ion Ratio Lower Upper

184 100

185 14.4 12.2 18.4

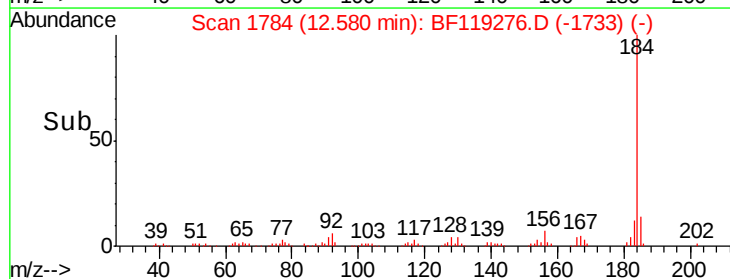
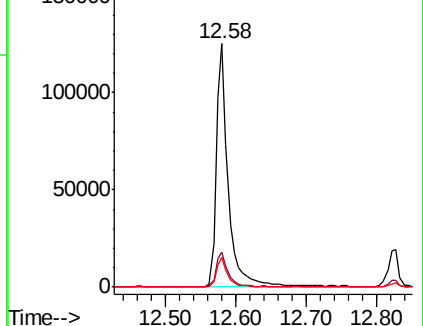
183 12.0 9.9 14.9

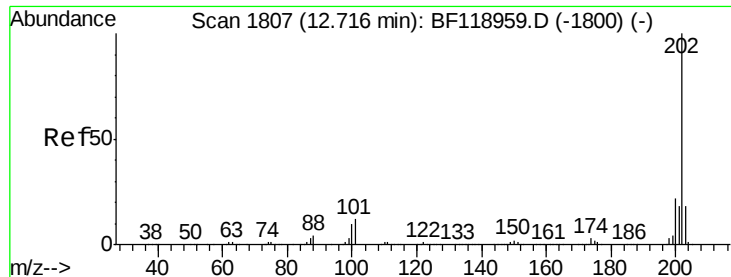


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E

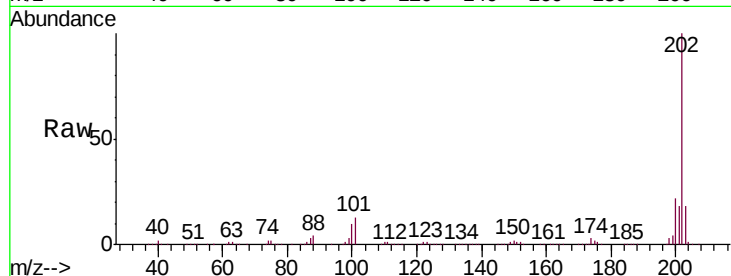




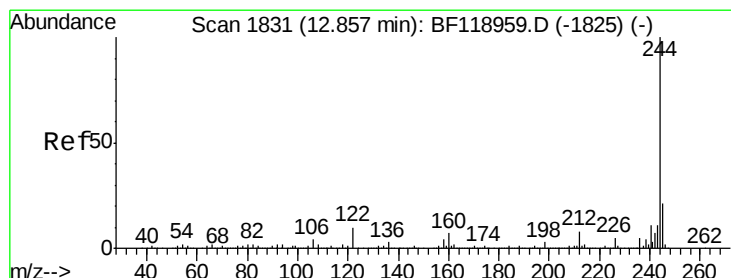
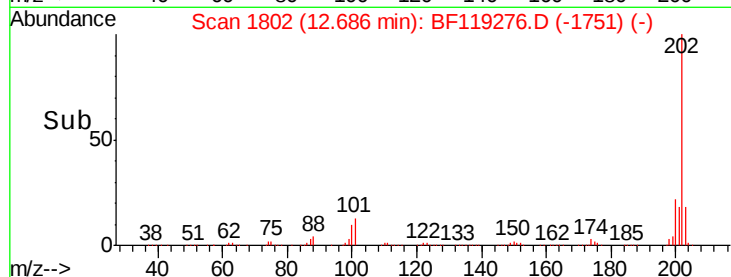
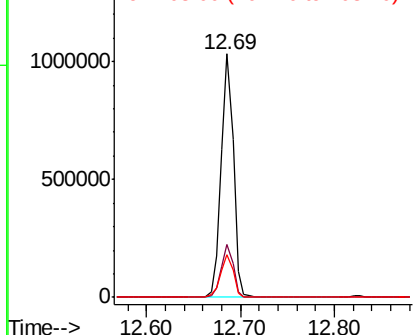
#78
 Pyrene
 Concen: 29.936 ng
 RT: 12.69 min Scan# 1802
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

Tgt Ion	Ratio	Lower	Upper
202	100		
200	21.7	18.0	27.0
203	17.8	14.6	22.0

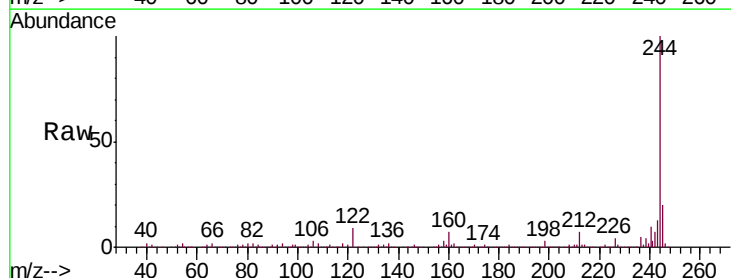


Abundance Ion 202.00 (201.70 to 202.70): E
 Ion 200.00 (199.70 to 200.70): E
 Ion 203.00 (202.70 to 203.70): E

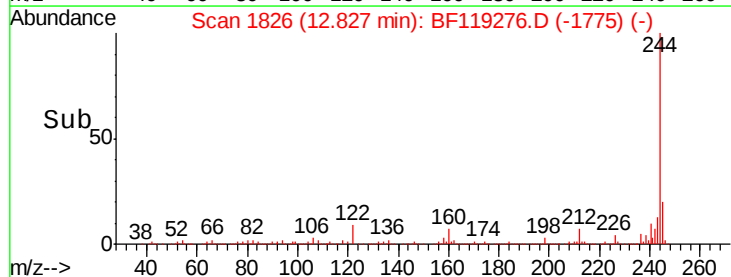
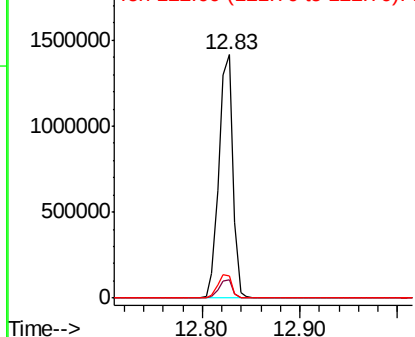


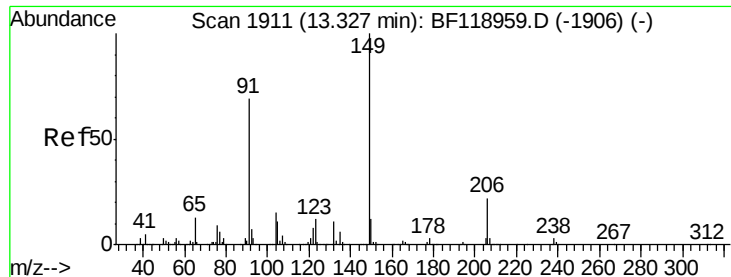
#79
 Terphenyl-d14
 Concen: 62.005 ng
 RT: 12.83 min Scan# 1826
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
244	100		
212	7.3	6.6	10.0
122	9.1	8.2	12.2



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

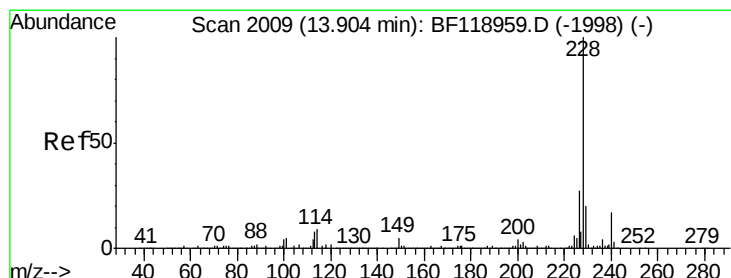
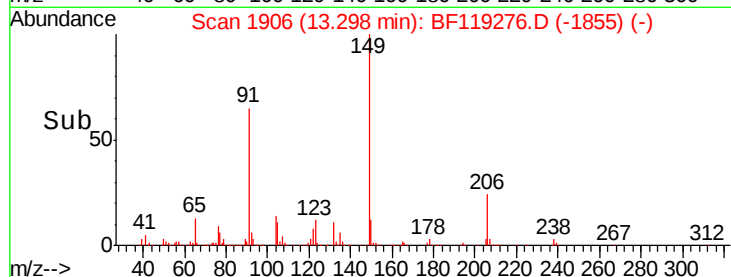
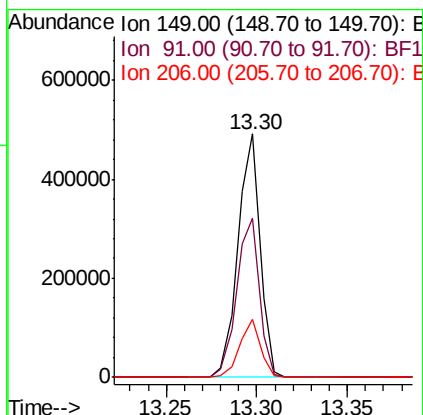
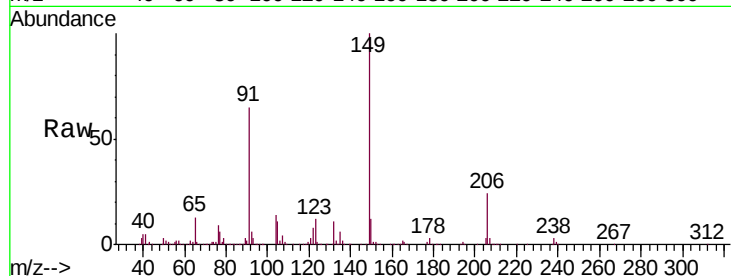




#80
Butylbenzylphthalate
Concen: 31.585 ng
RT: 13.30 min Scan# 1906
Delta R.T. 0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

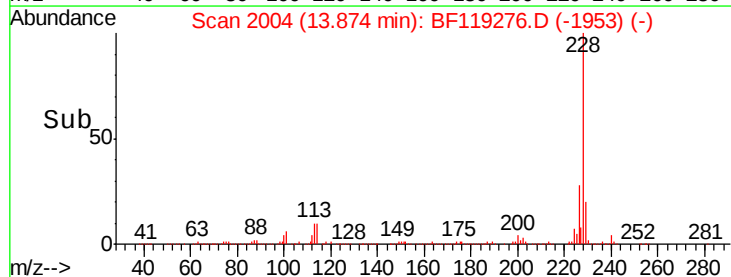
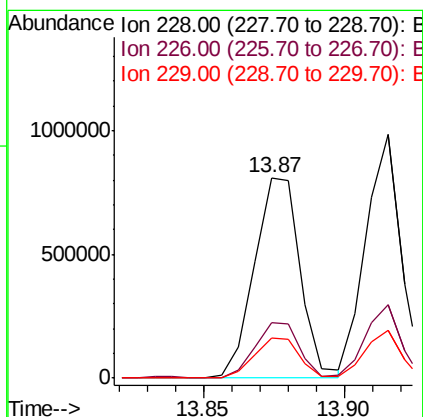
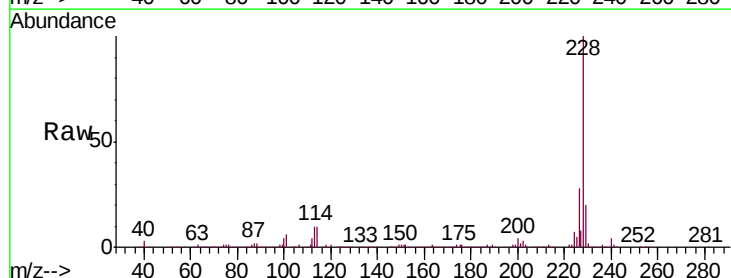
Instrument :
BNA_F
ClientSampleId :
PB127331BS

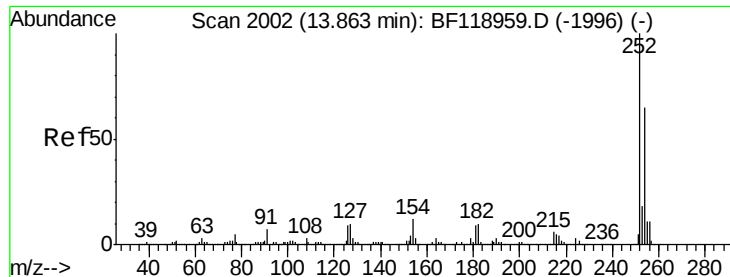
Tgt Ion:149 Resp: 418236
Ion Ratio Lower Upper
149 100
91 65.4 52.3 78.5
206 23.7 18.5 27.7



#81
Benzo(a)anthracene
Concen: 34.242 ng
RT: 13.87 min Scan# 2004
Delta R.T. 0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion:228 Resp: 914180
Ion Ratio Lower Upper
228 100
226 27.6 22.6 33.8
229 20.1 16.6 24.8

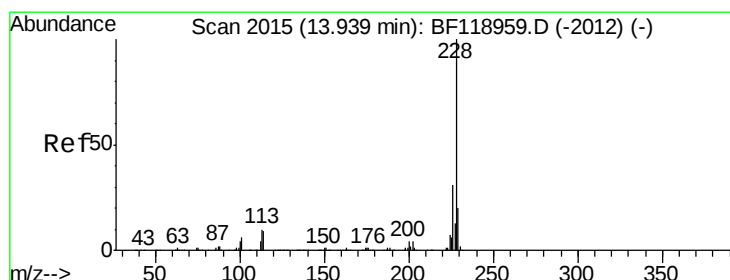
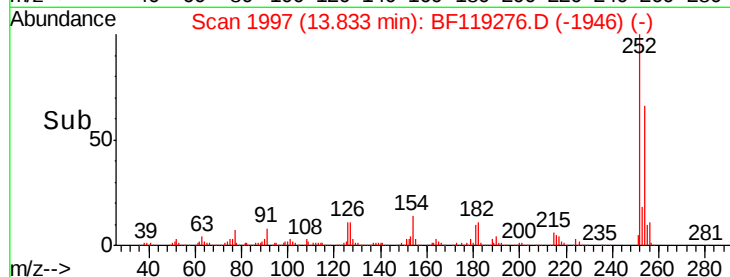
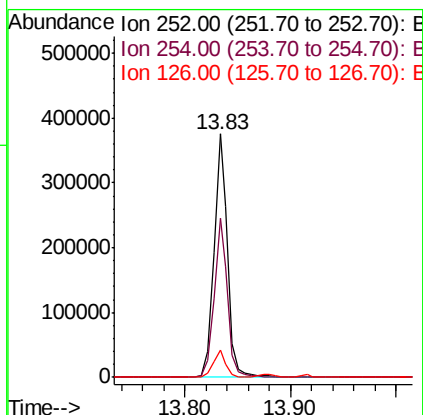
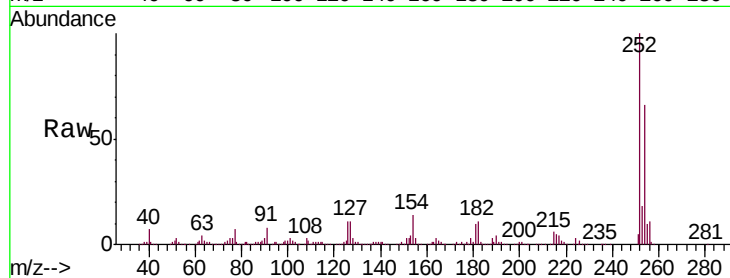




#82
 3,3'-Dichlorobenzidine
 Concen: 32.910 ng
 RT: 13.83 min Scan# 1997
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

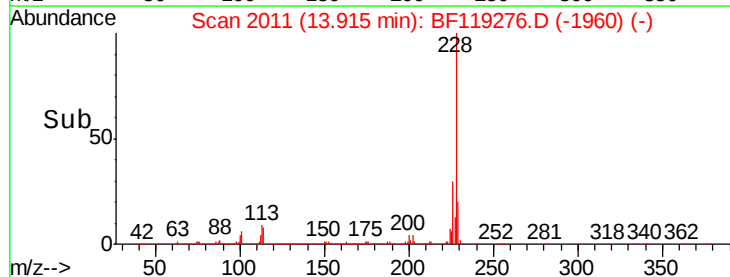
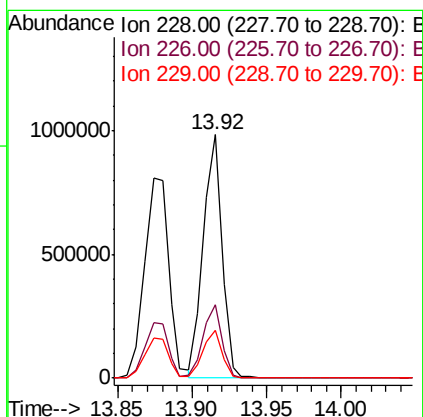
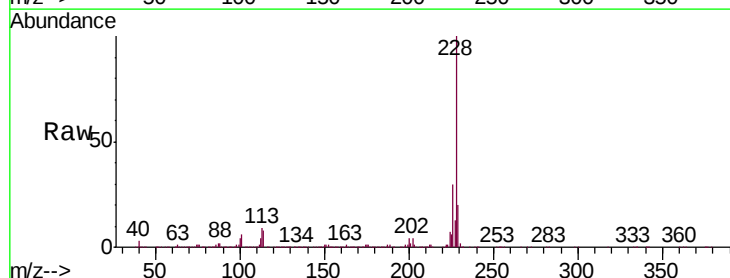
Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

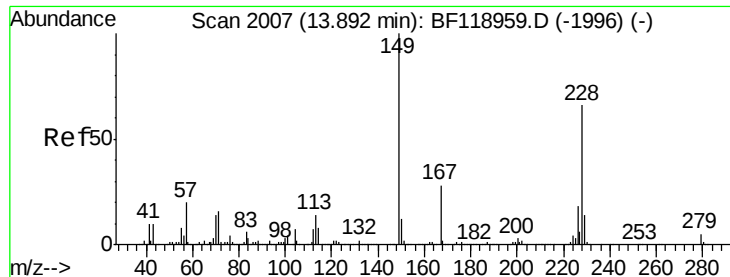
Tgt Ion:252 Resp: 341170
 Ion Ratio Lower Upper
 252 100
 254 65.6 51.6 77.4
 126 11.1 7.4 11.0#



#83
 Chrysene
 Concen: 32.072 ng
 RT: 13.92 min Scan# 2011
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion:228 Resp: 853157
 Ion Ratio Lower Upper
 228 100
 226 30.2 25.1 37.7
 229 19.6 16.3 24.5





#84

Bis(2-ethylhexyl)phthalate

Concen: 34.187 ng

RT: 13.86 min Scan# 2001

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

ClientSampleId :

PB127331BS

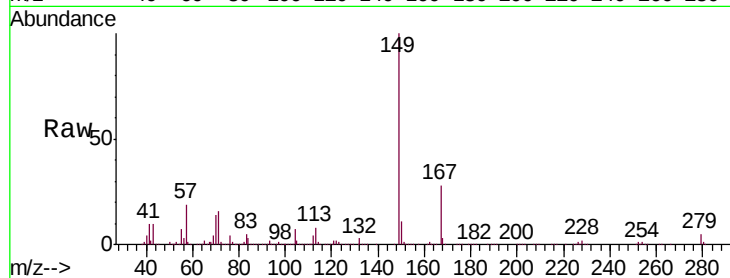
Tgt Ion:149 Resp: 571911

Ion Ratio Lower Upper

149 100

167 27.8 22.8 34.2

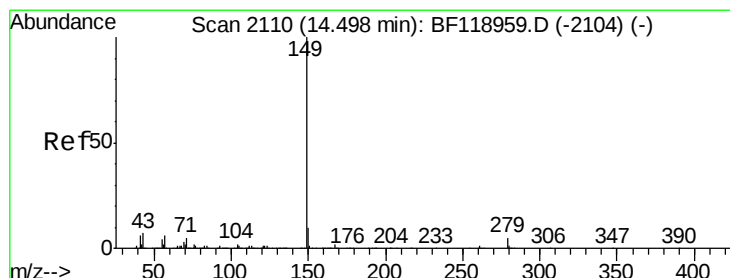
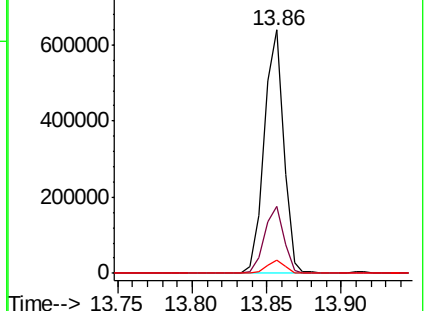
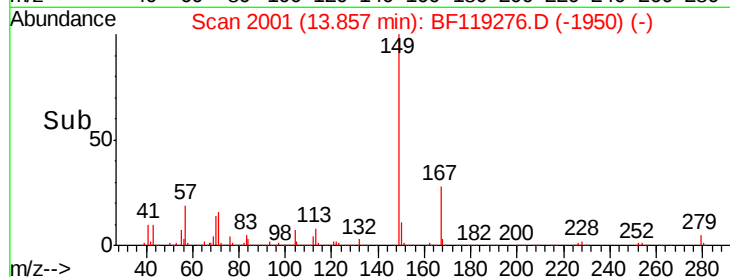
279 5.5 4.6 6.8



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#85

Di-n-octyl phthalate

Concen: 35.912 ng

RT: 14.46 min Scan# 2104

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

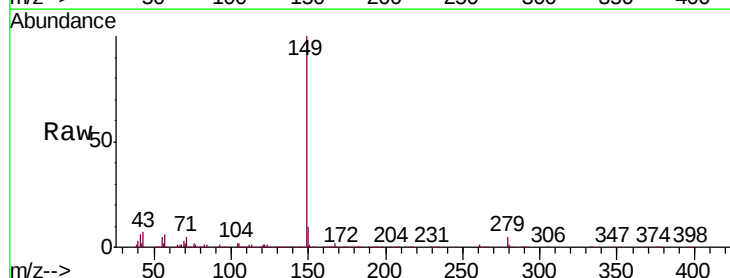
Tgt Ion:149 Resp: 957225

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

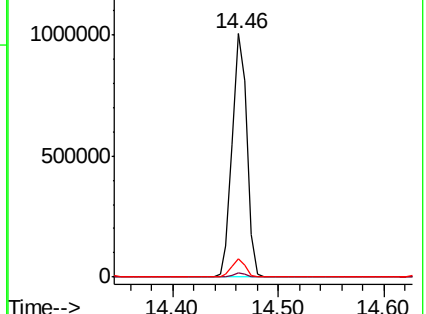
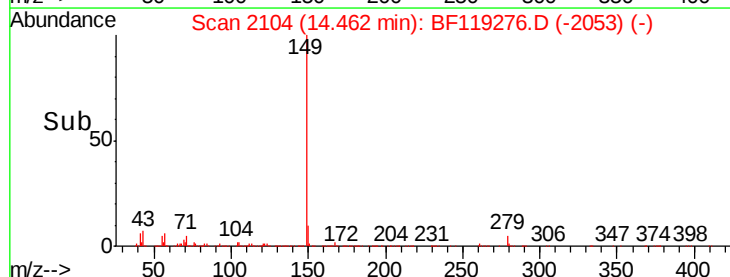
43 6.8 5.7 8.5

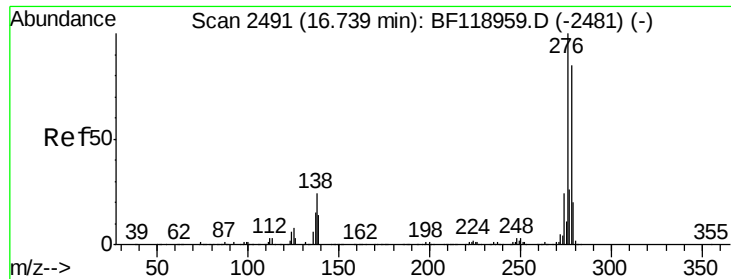


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF1

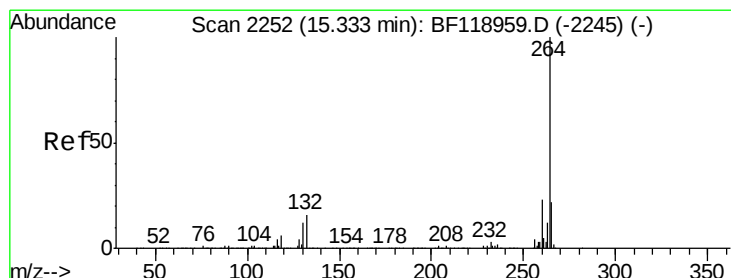
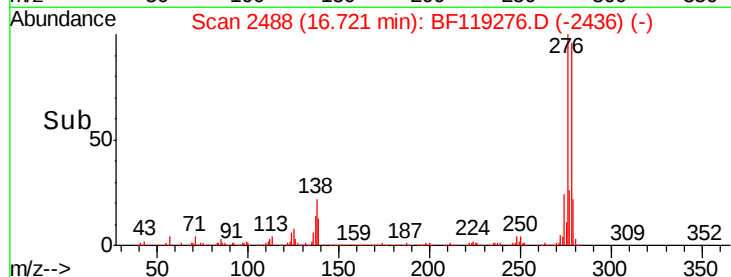
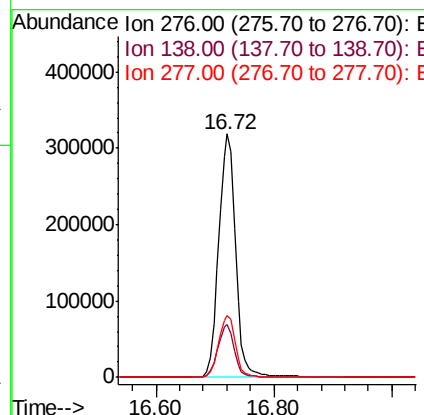
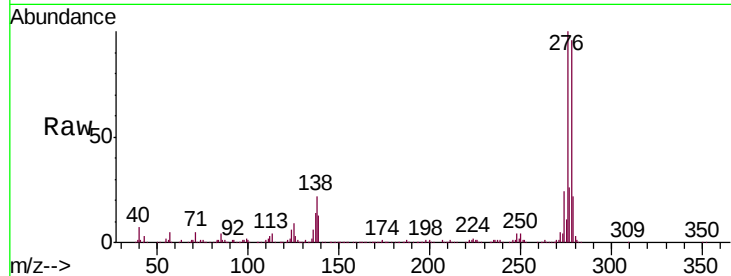




#86
 Indeno(1,2,3-cd)pyrene
 Concen: 24.660 ng
 RT: 16.72 min Scan# 2488
 Delta R.T. 0.01 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

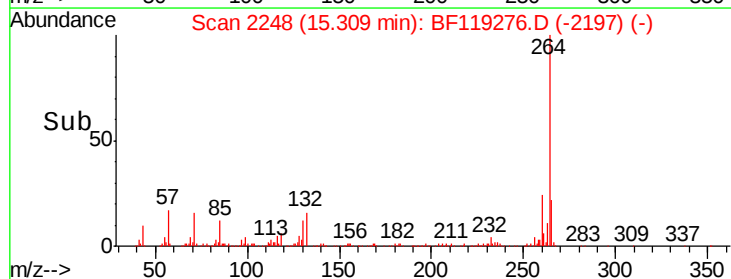
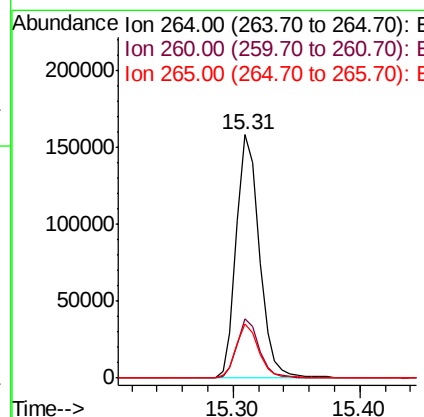
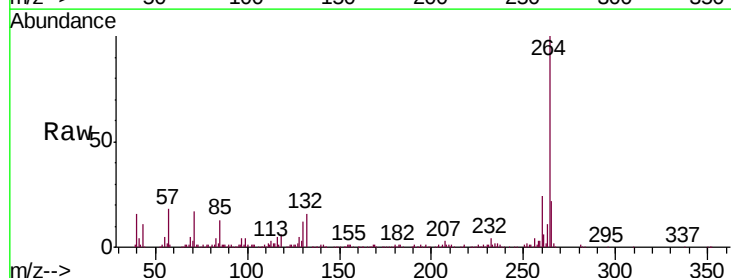
Instrument :
 BNA_F
 ClientSampleId :
 PB127331BS

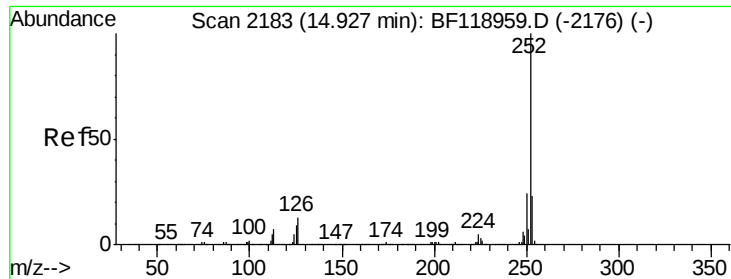
Tgt Ion	Ratio	Lower	Upper
276	100		
138	21.1	17.4	26.0
277	25.4	20.3	30.5



#87
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.31 min Scan# 2248
 Delta R.T. -0.00 min
 Lab File: BF119276.D
 Acq: 7 Mar 2020 4:58

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.4	29.2
265	22.1	17.7	26.5

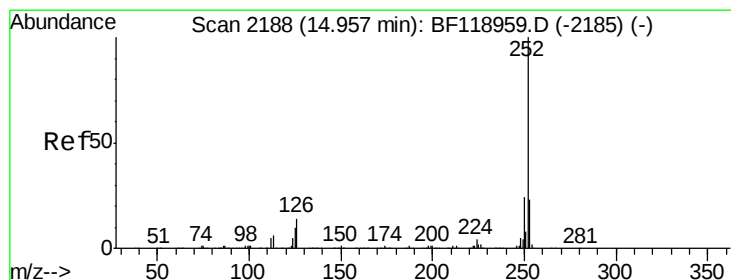
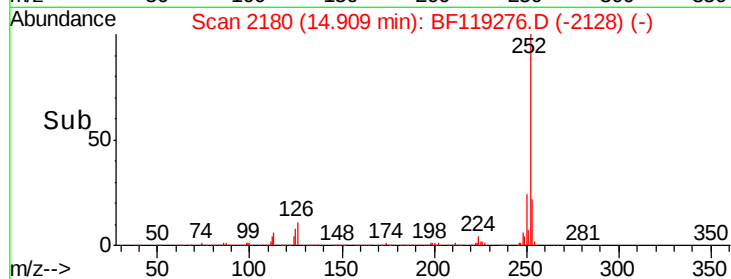
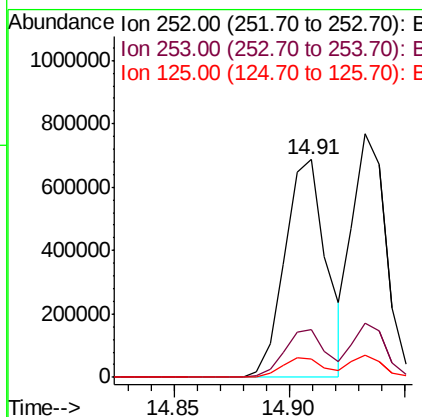
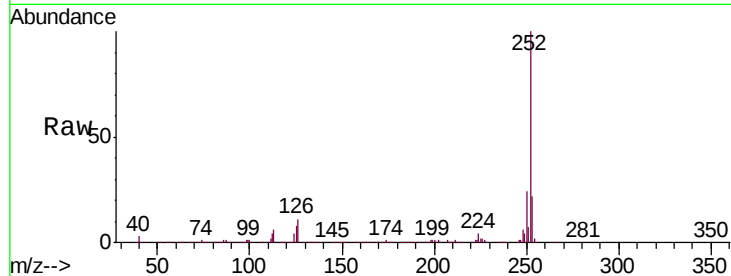




#88
Benzo(b)fluoranthene
Concen: 65.236 ng
RT: 14.91 min Scan# 2180
Delta R.T. 0.01 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

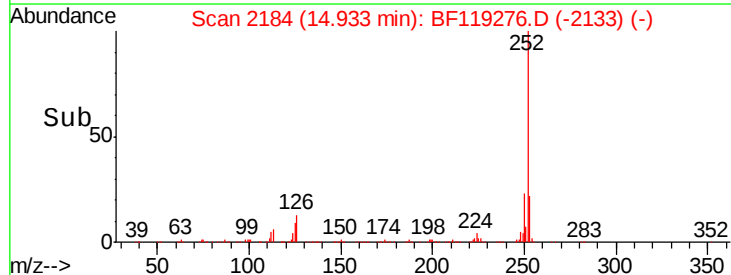
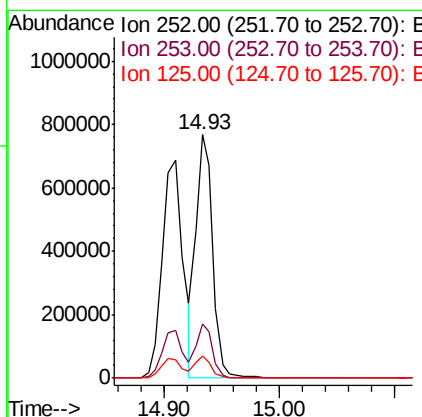
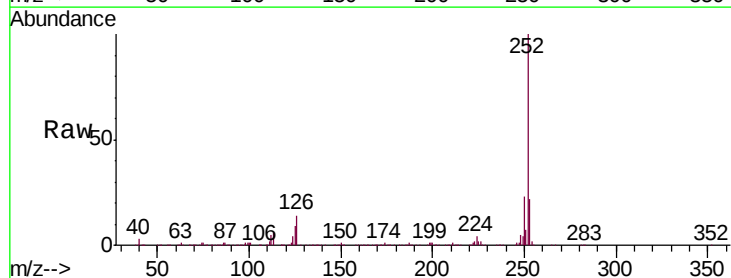
Instrument :
BNA_F
ClientSampleId :
PB127331BS

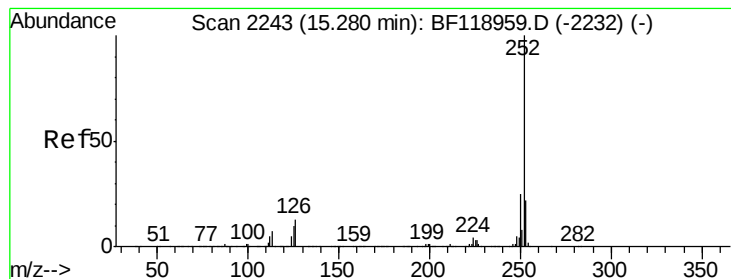
Tgt Ion:252 Resp: 858747
Ion Ratio Lower Upper
252 100
253 21.9 18.1 27.1
125 8.4 7.4 11.0



#89
Benzo(k)fluoranthene
Concen: 63.881 ng
RT: 14.93 min Scan# 2184
Delta R.T. -0.00 min
Lab File: BF119276.D
Acq: 7 Mar 2020 4:58

Tgt Ion:252 Resp: 779290
Ion Ratio Lower Upper
252 100
253 22.0 17.8 26.8
125 9.2 7.5 11.3





#90

Benzo(a)pyrene

Concen: 59.144 ng

RT: 15.26 min Scan# 2239

Delta R.T. 0.01 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

ClientSampleId :

PB127331BS

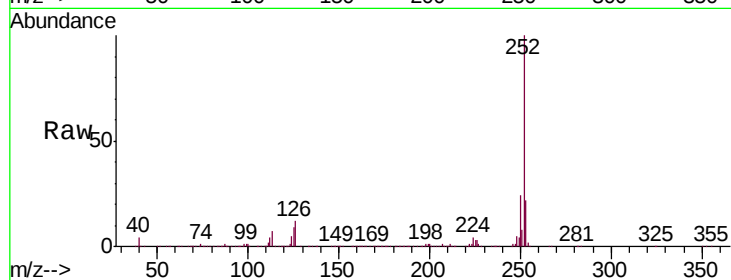
Tgt Ion:252 Resp: 702662

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

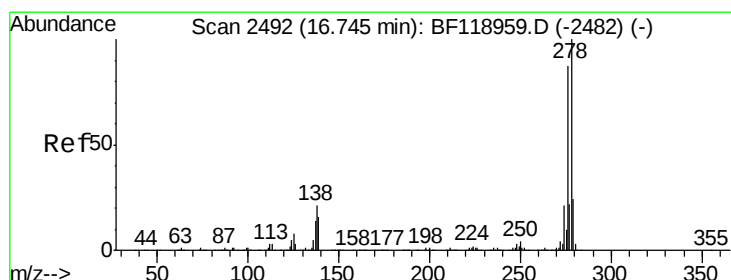
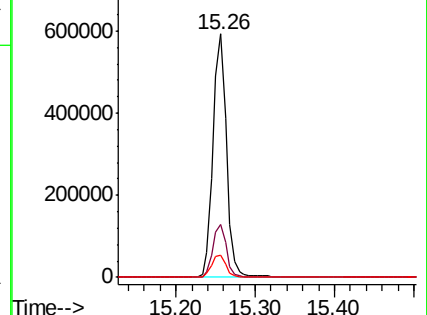
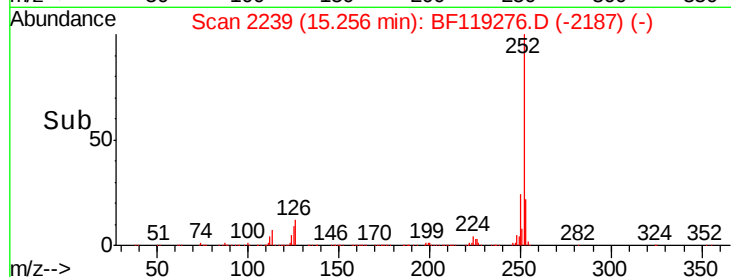
125 9.2 8.6 12.8



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#91

Dibenzo(a,h)anthracene

Concen: 53.194 ng

RT: 16.72 min Scan# 2488

Delta R.T. 0.01 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

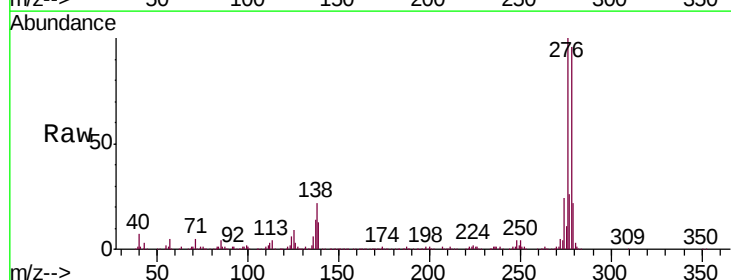
Tgt Ion:278 Resp: 556063

Ion Ratio Lower Upper

278 100

139 13.6 11.0 16.4

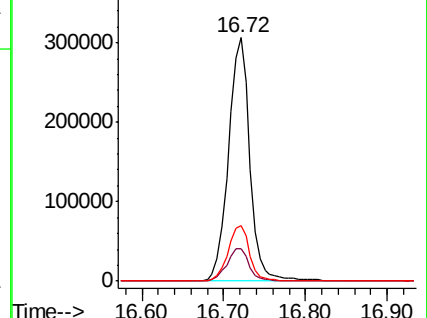
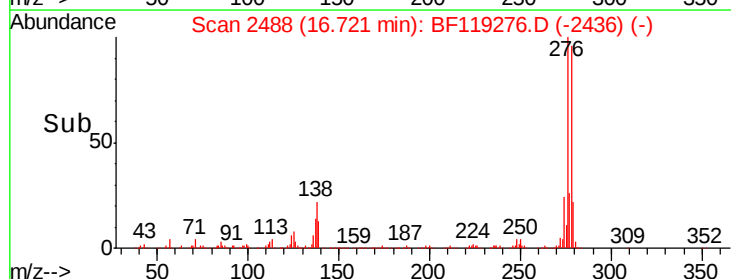
279 22.9 18.6 28.0

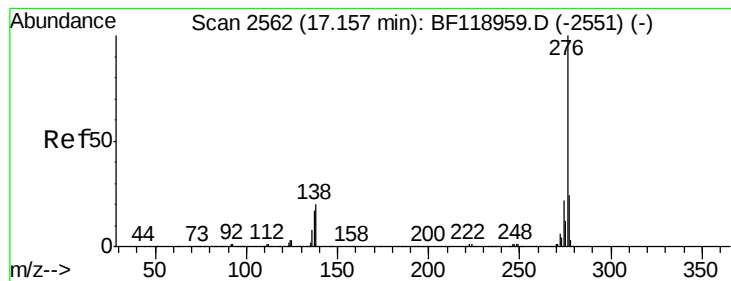


Abundance Ion 278.00 (277.70 to 278.70): E

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: 48.988 ng

RT: 17.14 min Scan# 2559

Delta R.T. -0.00 min

Lab File: BF119276.D

Acq: 7 Mar 2020 4:58

Instrument :

BNA_F

ClientSampleId :

PB127331BS

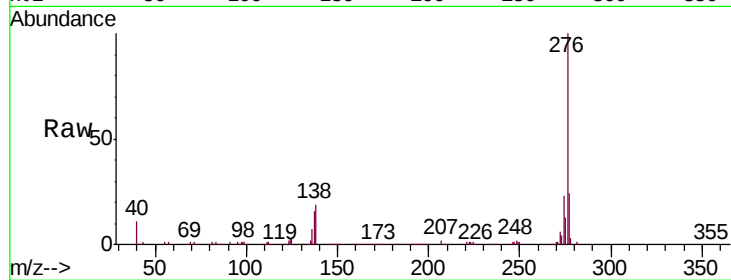
Tgt Ion: 276 Resp: 505978

Ion Ratio Lower Upper

276 100

277 24.3 18.7 28.1

138 18.5 14.3 21.5



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

