

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122321\
 Data File : BF126348.D
 Acq On : 23 Dec 2021 17:12
 Operator : JU/CG
 Sample : M5181-02MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MS

Quant Time: Dec 27 06:50:45 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 22 13:00:11 2021
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	82655	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	193894	20.000	ng	# 0.01
39) Acenaphthene-d10	9.881	164	88887	20.000	ng	0.02
64) Phenanthrene-d10	11.363	188	132620	20.000	ng	# 0.02
76) Chrysene-d12	14.010	240	133704	20.000	ng	# 0.03
86) Perylene-d12	15.463	264	122271	20.000	ng	0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.428	112	902784	160.847	ng	0.00
7) Phenol-d6	6.451	99	1062189	149.044	ng	0.00
23) Nitrobenzene-d5	7.387	82	660390	184.463	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	112935	158.098	ng	0.02
45) 2-Fluorobiphenyl	9.198	172	477074	94.134	ng	0.02
79) Terphenyl-d14	12.957	244	434869	56.532	ng	0.03
Target Compounds						Qvalue
2) 1,4-Dioxane	2.552	88	156909	57.271	ng	# 100
3) Pyridine	3.287	79	344616	47.365	ng	# 78
4) n-Nitrosodimethylamine	3.228	42	178434	63.811	ng	# 1
6) Aniline	6.481	93	174290	19.253	ng	# 94
8) 2-Chlorophenol	6.604	128	318731	55.999	ng	88
9) Benzaldehyde	6.363	77	253567	58.962	ng	94
10) Phenol	6.463	94	469868	58.735	ng	92
11) bis(2-Chloroethyl)ether	6.557	93	429778	69.213	ng	95
12) 1,3-Dichlorobenzene	6.763	146	305964	53.290	ng	99
13) 1,4-Dichlorobenzene	6.840	146	290018	50.021	ng	# 93
14) 1,2-Dichlorobenzene	6.840	146	290018	54.100	ng	95
15) Benzyl Alcohol	6.963	79	192643	37.028	ng	95
16) 2,2'-oxybis(1-Chloropr...	7.098	45	462178	45.482	ng	80
17) 2-Methylphenol	7.075	107	243909	48.918	ng	# 91
18) Hexachloroethane	7.340	117	107193	47.002	ng	96
19) n-Nitroso-di-n-propyla...	7.240	70	169974	38.851	ng	# 71
20) 3+4-Methylphenols	7.228	107	257029	43.604	ng	# 60
22) Acetophenone	7.234	105	344844	77.278	ng	# 86
24) Nitrobenzene	7.404	77	296336	82.916	ng	96
25) Isophorone	7.645	82	599201	88.631	ng	# 41
26) 2-Nitrophenol	7.722	139	138467	85.945	ng	# 9
27) 2,4-Dimethylphenol	7.763	122	214042	78.230	ng	86
28) bis(2-Chloroethoxy)met...	7.857	93	276377	62.178	ng	# 51
29) 2,4-Dichlorophenol	7.969	162	176172	72.437	ng	# 81
30) 1,2,4-Trichlorobenzene	8.057	180	153612	61.063	ng	99
31) Naphthalene	8.139	128	511371	56.396	ng	99
32) Benzoic acid	7.881	122	105133	44.602	ng	# 65
33) 4-Chloroaniline	8.187	127	42328	11.180	ng	# 53
34) Hexachlorobutadiene	8.263	225	82519	66.789	ng	98
35) Caprolactam	8.569	113	241747	399.961	ng	# 45
36) 4-Chloro-3-methylphenol	8.663	107	187627	65.401	ng	# 73
37) 2-Methylnaphthalene	8.839	142	292790	52.432	ng	98
38) 1-Methylnaphthalene	8.934	142	259194	47.829	ng	97
40) 1,2,4,5-Tetrachloroben...	9.010	216	102384	53.368	ng	# 84
41) Hexachlorocyclopentadiene	8.992	237	47321	43.075	ng	96
43) 2,4,6-Trichlorophenol	9.110	196	72812	48.248	ng	94

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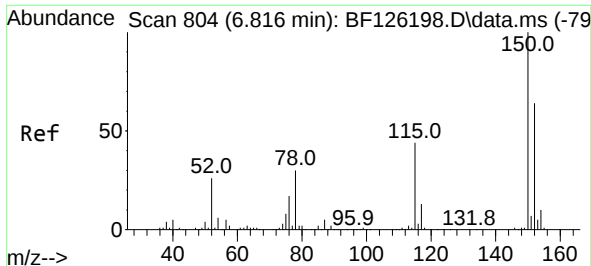
Quant Time: Dec 27 06:50:45 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.151	196	67790	43.377	ng	# 1
46) 1,1'-Biphenyl	9.298	154	303340	46.154	ng	98
47) 2-Chloronaphthalene	9.322	162	230173	46.547	ng	# 90
48) 2-Nitroaniline	9.598	65	16035	8.884	ng	85
49) Acenaphthylene	9.739	152	386387	51.136	ng	# 89
50) Dimethylphthalate	9.592	163	281022	49.910	ng	# 85
51) 2,6-Dinitrotoluene	9.651	165	79863	65.531	ng	96
52) Acenaphthene	9.910	154	245837	50.169	ng	99
53) 3-Nitroaniline	9.833	138	15308	9.883	ng	# 38
54) 2,4-Dinitrophenol	9.922	184	13925	27.750	ng	# 1
55) Dibenzofuran	10.081	168	321827	48.239	ng	# 93
56) 4-Nitrophenol	9.975	139	113298	101.259	ng	# 45
57) 2,4-Dinitrotoluene	10.051	165	81140	52.193	ng	# 96
58) Fluorene	10.422	166	262300	54.309	ng	96
59) 2,3,4,6-Tetrachlorophenol	10.198	232	53042	45.775	ng	# 66
60) Diethylphthalate	10.292	149	256716	45.369	ng	# 92
61) 4-Chlorophenyl-phenyle...	10.416	204	120608	55.462	ng	89
62) 4-Nitroaniline	10.422	138	54731	42.120	ng	90
63) Azobenzene	10.575	77	283672	41.390	ng	86
65) 4,6-Dinitro-2-methylph...	10.457	198	11910	16.446	ng	# 1
66) n-Nitrosodiphenylamine	10.528	169	265752	62.438	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	68297	54.872	ng	# 79
68) Hexachlorobenzene	10.980	284	81605	57.007	ng	# 87
69) Atrazine	11.069	200	78076	100.099	ng	76
70) Pentachlorophenol	11.169	266	91189	114.824	ng	92
71) Phenanthrene	11.392	178	353461	51.638	ng	# 90
72) Anthracene	11.439	178	370604	53.943	ng	# 92
73) Carbazole	11.592	167	324069	50.087	ng	# 93
74) Di-n-butylphthalate	11.927	149	427583	52.131	ng	# 93
75) Fluoranthene	12.586	202	376468	61.044	ng	94
77) Benzidine	12.698	184	55004	26.094	ng	# 48
78) Pyrene	12.816	202	407048	33.137	ng	94
80) Butylbenzylphthalate	13.427	149	202705	35.067	ng	# 80
81) Benzo(a)anthracene	13.998	228	411640	51.975	ng	95
82) 3,3'-Dichlorobenzidine	13.957	252	36725	10.150	ng	# 90
83) Chrysene	14.033	228	404459	49.152	ng	95
84) Bis(2-ethylhexyl)phtha...	13.986	149	359784	55.699	ng	# 98
85) Di-n-octyl phthalate	14.598	149	555699	48.259	ng	# 96
87) Indeno(1,2,3-cd)pyrene	16.904	276	356682	43.734	ng	96
88) Benzo(b)fluoranthene	15.039	252	411293	55.983	ng	# 91
89) Benzo(k)fluoranthene	15.068	252	322572	45.898	ng	# 90
90) Benzo(a)pyrene	15.398	252	367637	60.209	ng	# 94
91) Dibenzo(a,h)anthracene	16.915	278	303895	45.838	ng	# 94
92) Benzo(g,h,i)perylene	17.333	276	315677	46.021	ng	94

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

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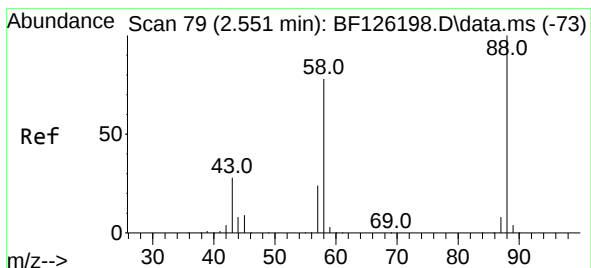
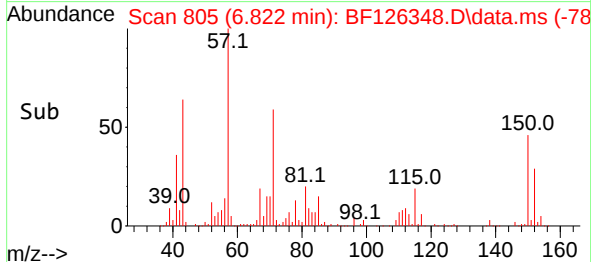
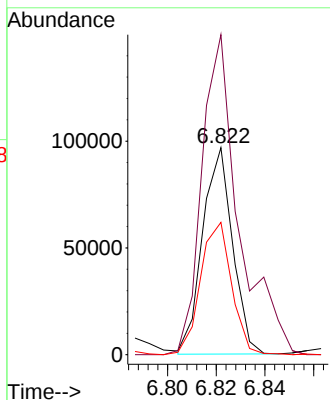
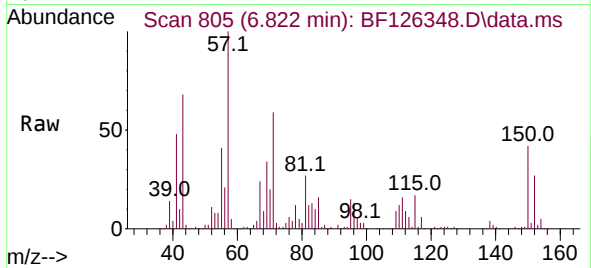




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.822 min Scan# 80
 Delta R.T. 0.006 min
 Lab File: BF126348.D
 Acq: 23 Dec 2021 17:12

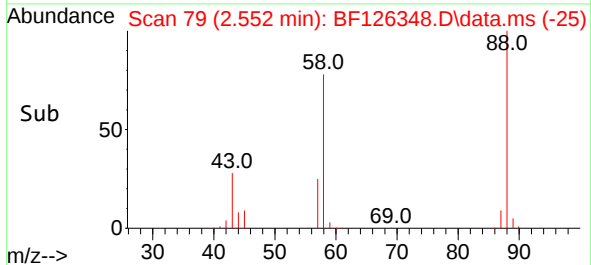
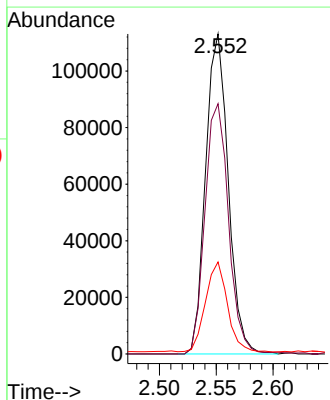
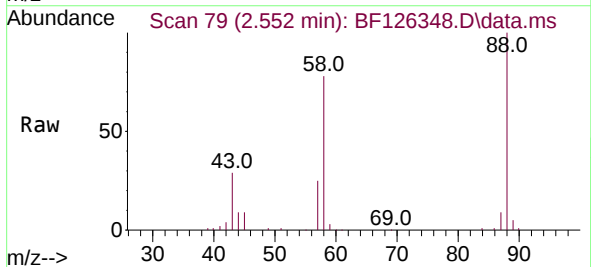
Instrument :
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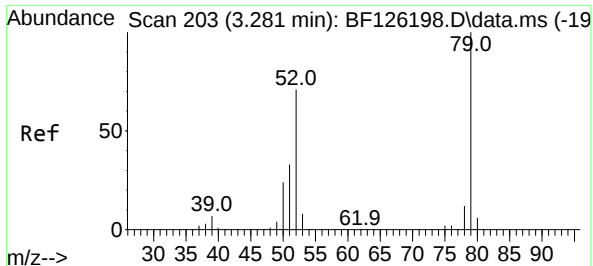
Tgt Ion:152 Resp: 82655
 Ion Ratio Lower Upper
 152 100
 150 154.6 117.6 176.4
 115 64.0 47.1 70.7



#2
 1,4-Dioxane
 Concen: 57.271 ng
 RT: 2.552 min Scan# 79
 Delta R.T. 0.018 min
 Lab File: BF126348.D
 Acq: 23 Dec 2021 17:12

Tgt Ion: 88 Resp: 156909
 Ion Ratio Lower Upper
 88 100
 58 81.7 0.0 0.0#
 43 27.3 0.0 0.0#





#3

Pyridine

Concen: 47.365 ng

RT: 3.287 min Scan# 20

Delta R.T. 0.018 min

Lab File: BF126348.D

Acq: 23 Dec 2021 17:12

Instrument :

BNA_F

ClientSampleId :

DB-4-(7.5-8)-12-8-21MS

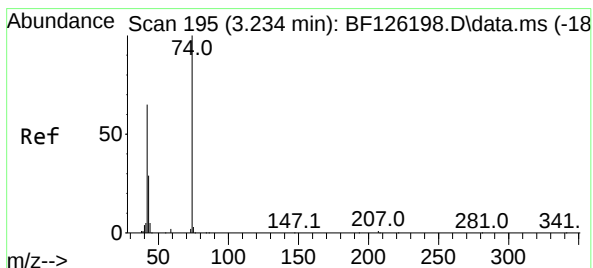
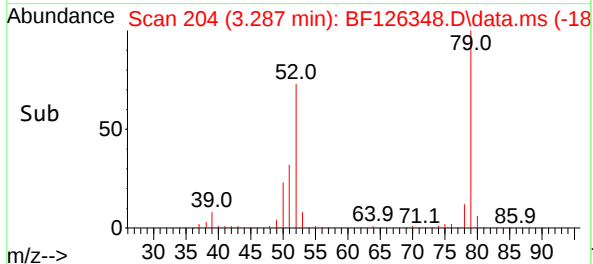
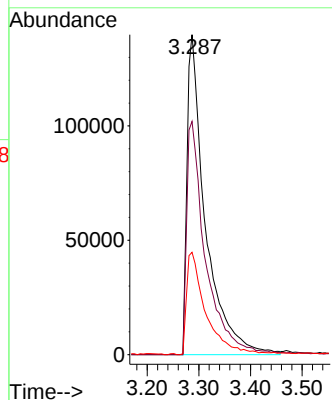
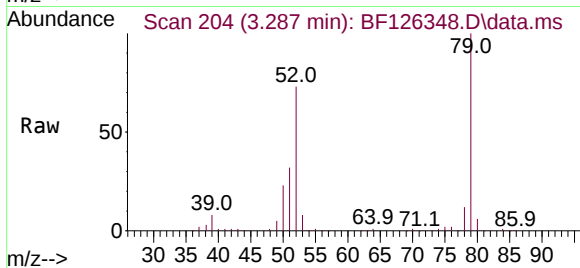
Tgt Ion: 79 Resp: 344616

Ion Ratio Lower Upper

79 100

52 72.9 70.3 105.5

51 32.0 44.1 66.1#



#4

n-Nitrosodimethylamine

Concen: 63.811 ng

RT: 3.228 min Scan# 194

Delta R.T. 0.012 min

Lab File: BF126348.D

Acq: 23 Dec 2021 17:12

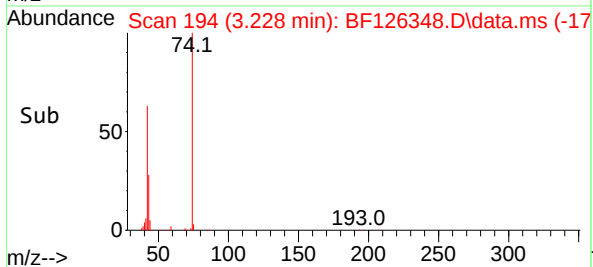
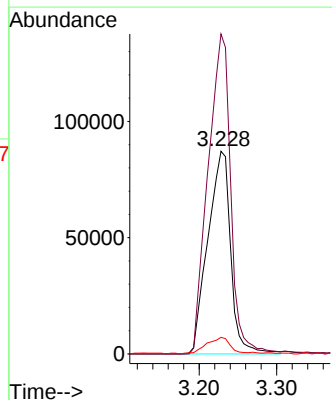
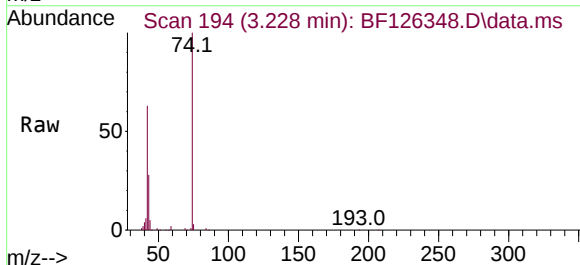
Tgt Ion: 42 Resp: 178434

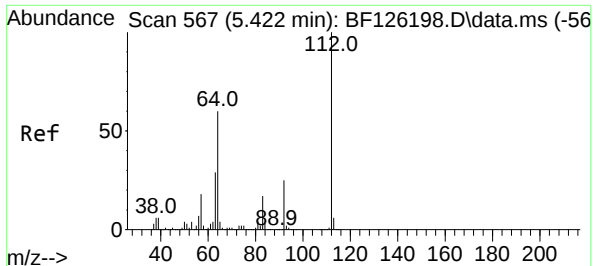
Ion Ratio Lower Upper

42 100

74 157.8 59.0 88.6#

44 8.2 0.0 0.0#

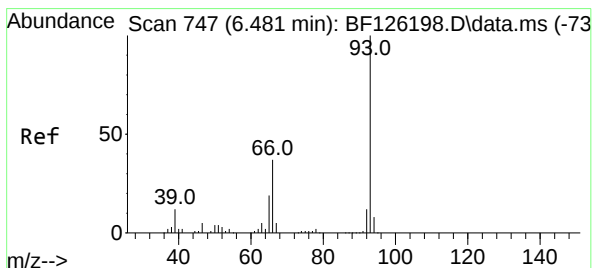
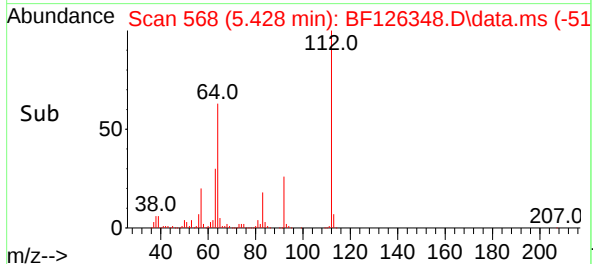
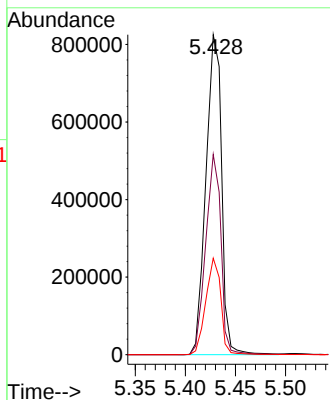
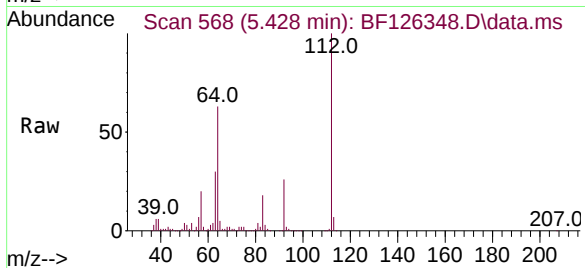




#5
2-Fluorophenol
Concen: 160.847 ng
RT: 5.428 min Scan# 567
Delta R.T. 0.000 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

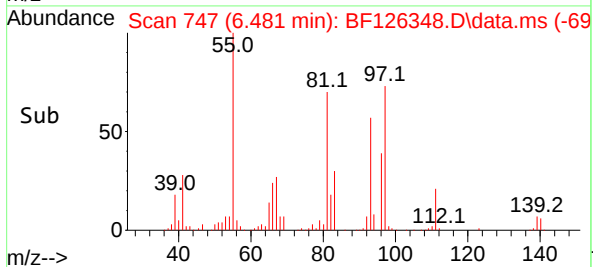
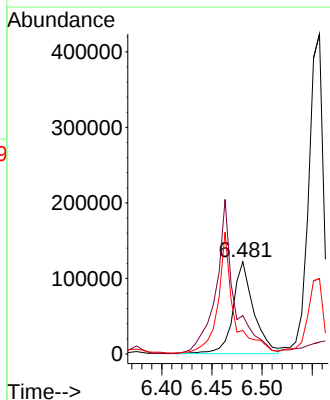
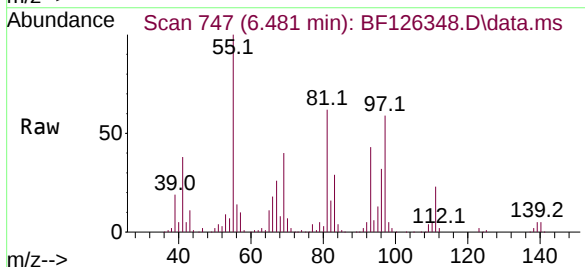
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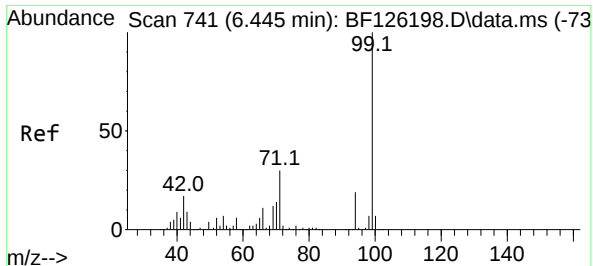
Tgt Ion:112 Resp: 902784
Ion Ratio Lower Upper
112 100
64 62.6 44.2 66.2
63 30.1 26.2 39.2



#6
Aniline
Concen: 19.253 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion: 93 Resp: 174290
Ion Ratio Lower Upper
93 100
66 41.7 32.7 49.1
65 25.6 14.2 21.4#

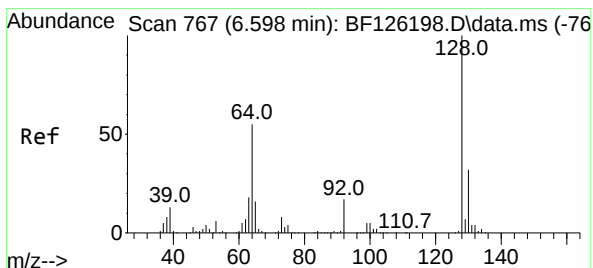
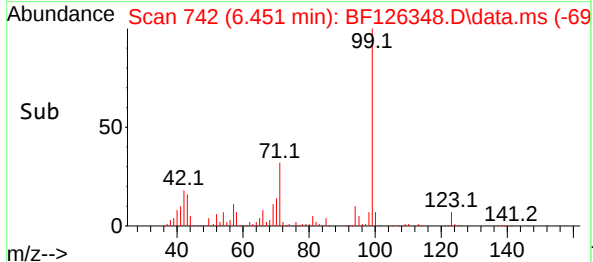
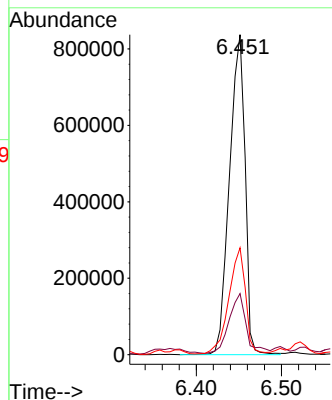
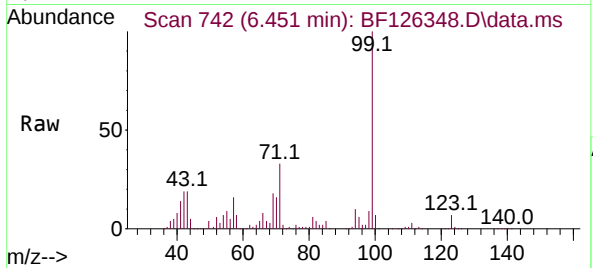




#7
Phenol-d6
Concen: 149.044 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

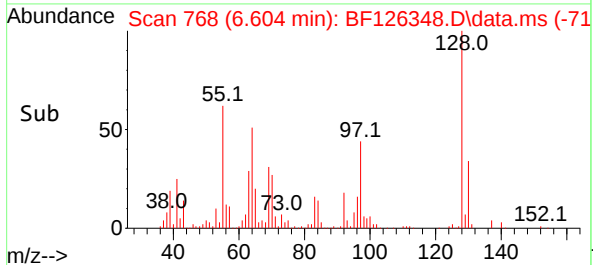
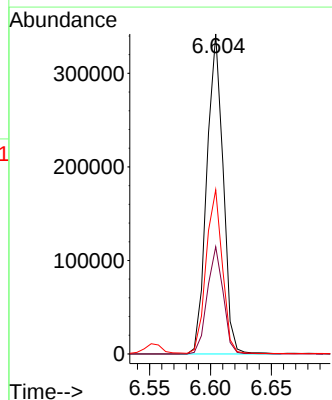
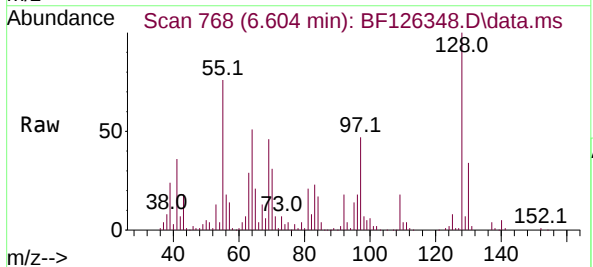
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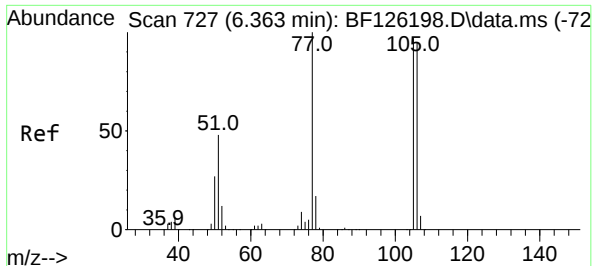
Tgt Ion: 99 Resp: 1062189
Ion Ratio Lower Upper
99 100
42 19.1 23.5 35.3#
71 33.4 25.6 38.4



#8
2-Chlorophenol
Concen: 55.999 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.000 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:128 Resp: 318731
Ion Ratio Lower Upper
128 100
130 33.5 10.5 50.5
64 51.3 20.3 60.3





#9

Benzaldehyde

Concen: 58.962 ng

RT: 6.363 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF126348.D

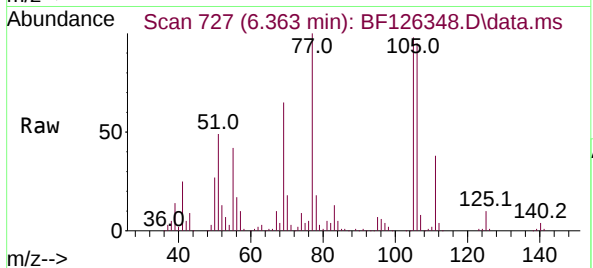
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Instrument :

BNA_F

ClientSampleId :

DB-4-(7.5-8)-12-8-21MS



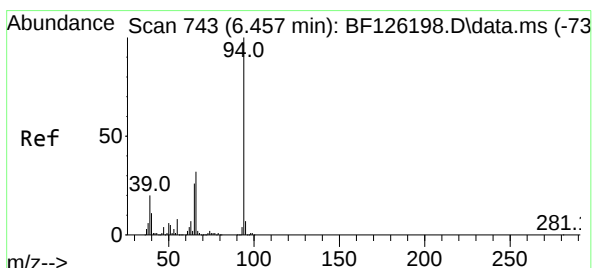
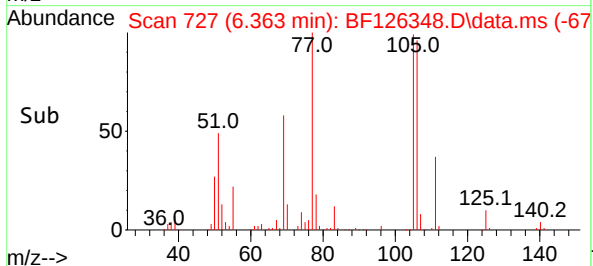
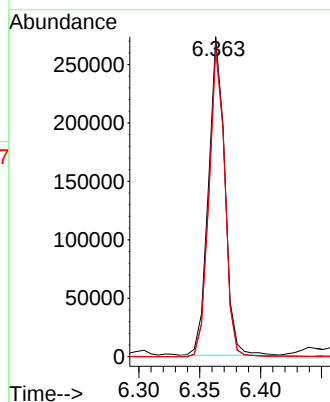
Tgt Ion: 77 Resp: 253567

Ion Ratio Lower Upper

77 100

105 98.3 75.9 115.9

106 95.4 84.0 124.0



#10

Phenol

Concen: 58.735 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.000 min

Lab File: BF126348.D

Acq: 23 Dec 2021 17:12

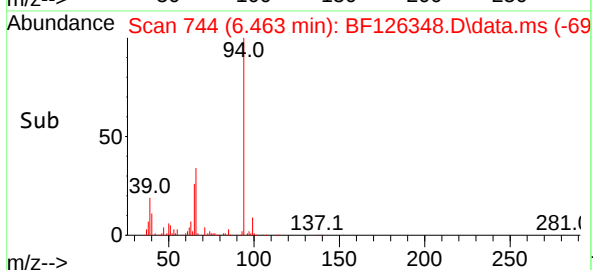
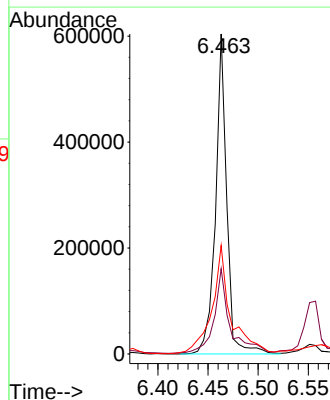
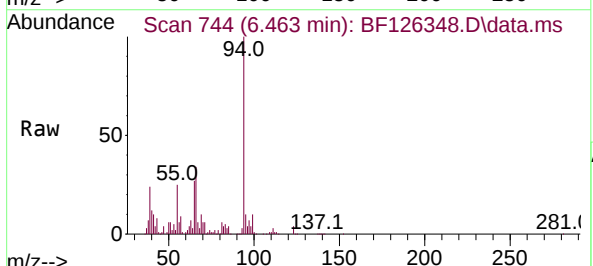
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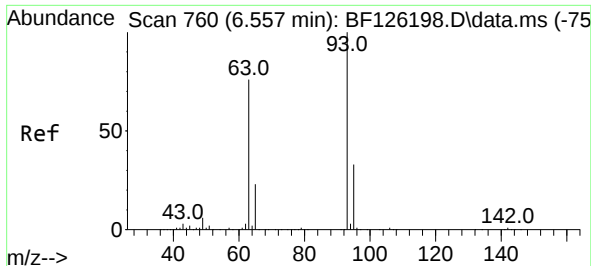
Ion Ratio Lower Upper

94 100

65 26.7 9.3 49.3

66 33.9 20.3 60.3

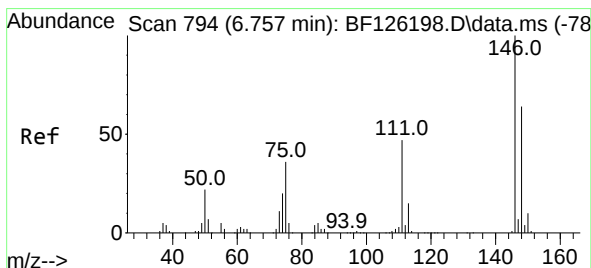
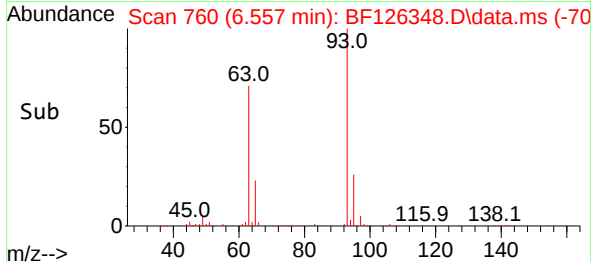
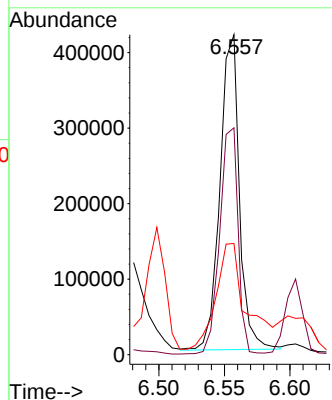
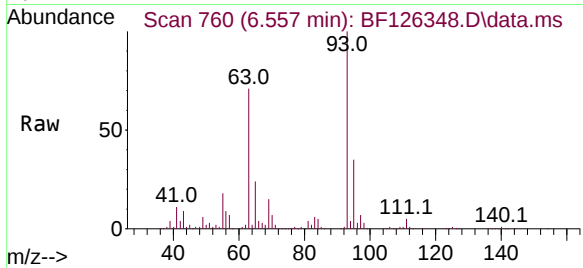




#11
bis(2-Chloroethyl)ether
Concen: 69.213 ng
RT: 6.557 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

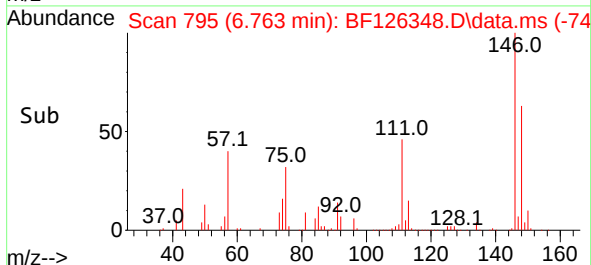
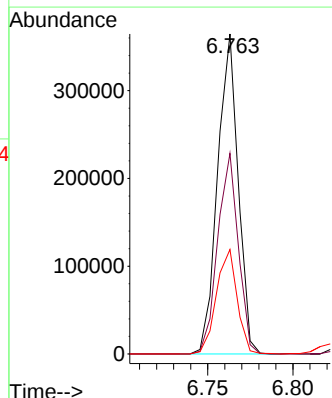
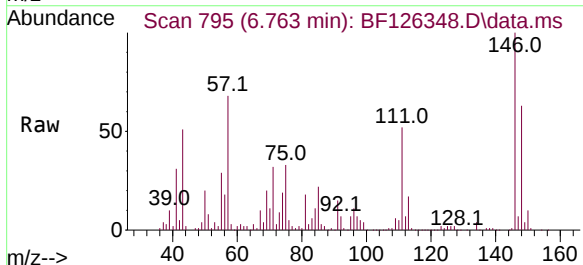
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

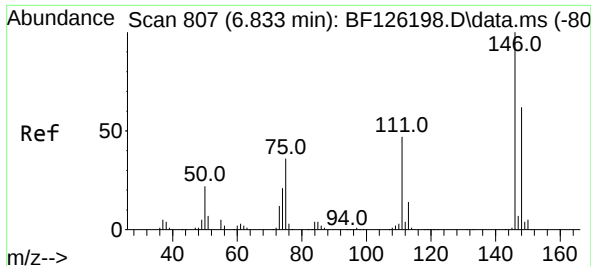
Tgt Ion: 93 Resp: 429778
Ion Ratio Lower Upper
93 100
63 70.9 54.4 94.4
95 34.8 11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 53.290 ng
RT: 6.763 min Scan# 795
Delta R.T. 0.006 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:146 Resp: 305964
Ion Ratio Lower Upper
146 100
148 62.7 49.7 74.5
75 32.7 25.2 37.8





#13

1,4-Dichlorobenzene

Concen: 50.021 ng

RT: 6.840 min Scan# 808

Delta R.T. 0.006 min

Lab File: BF126348.D

Acq: 23 Dec 2021 17:12

Instrument :

BNA_F

ClientSampleId :

DB-4-(7.5-8)-12-8-21MS

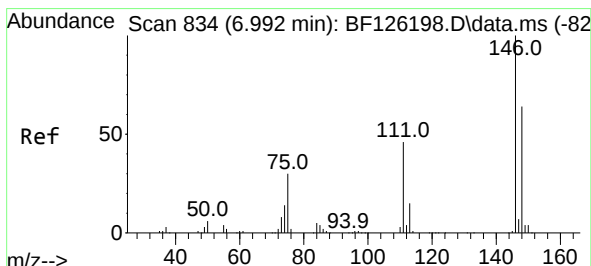
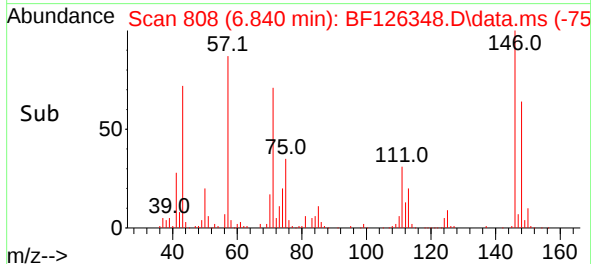
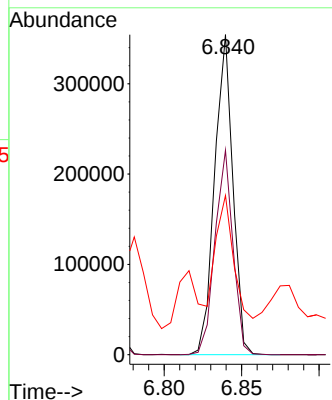
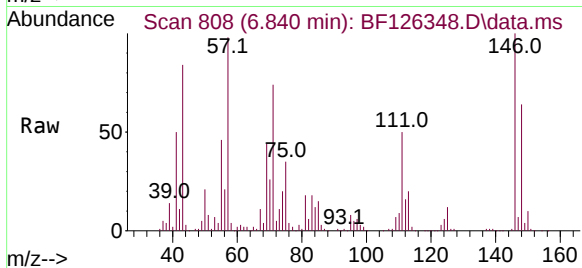
Tgt Ion:146 Resp: 290018

Ion Ratio Lower Upper

146 100

148 63.9 51.9 77.9

111 49.7 31.8 47.6#



#14

1,2-Dichlorobenzene

Concen: 54.100 ng

RT: 6.840 min Scan# 808

Delta R.T. -0.153 min

Lab File: BF126348.D

Acq: 23 Dec 2021 17:12

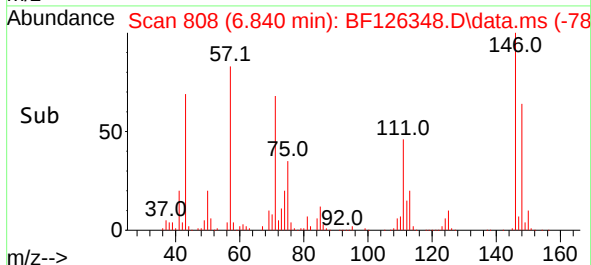
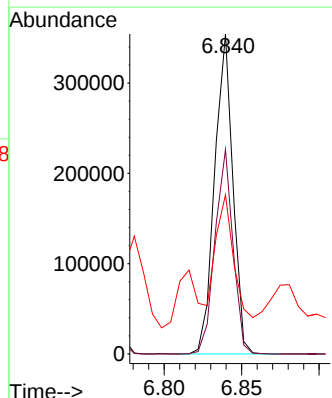
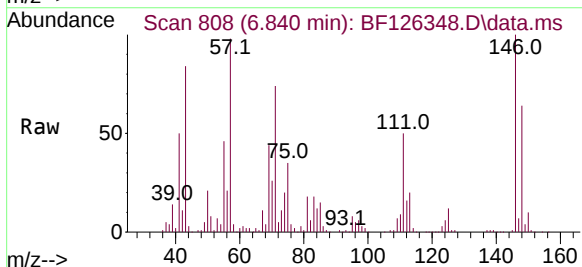
Tgt Ion:146 Resp: 290018

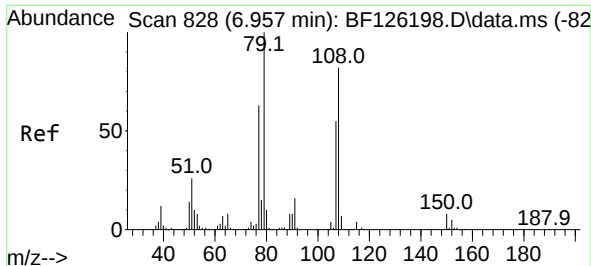
Ion Ratio Lower Upper

146 100

148 63.9 50.6 75.8

111 49.7 33.5 50.3

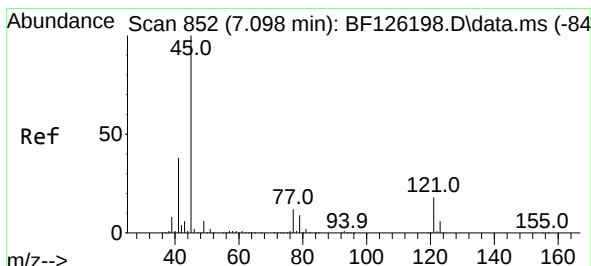
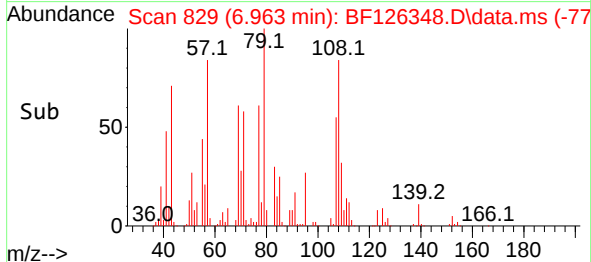
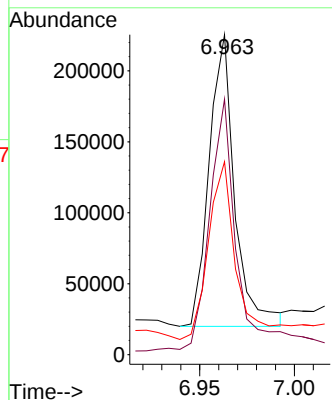
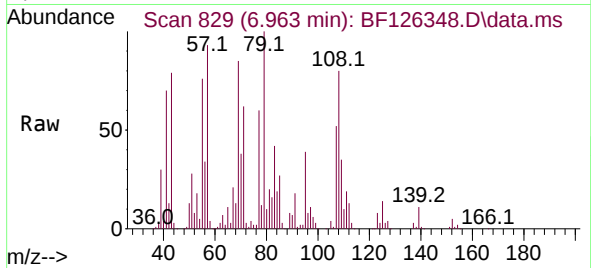




#15
Benzyl Alcohol
Concen: 37.028 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

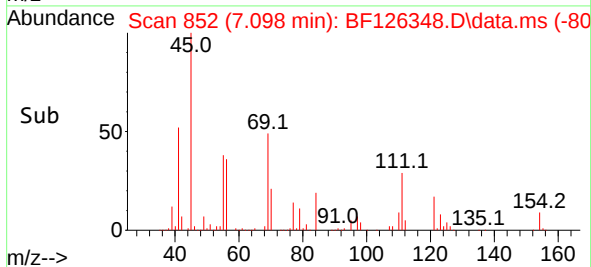
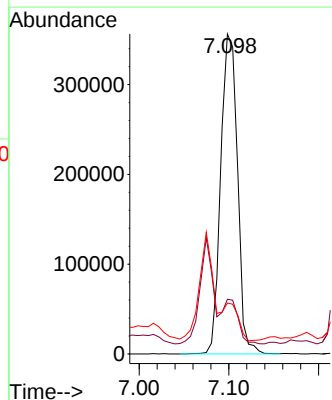
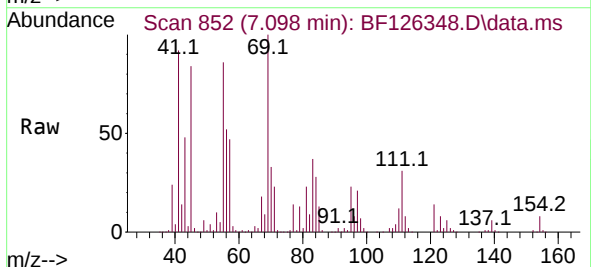
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

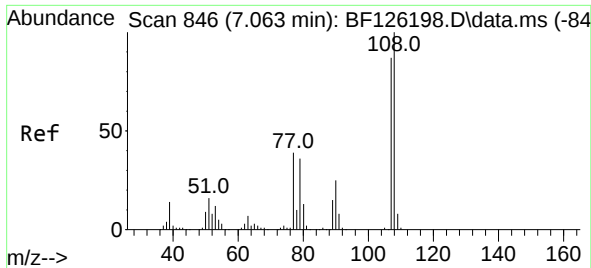
Tgt Ion: 79 Resp: 192643
Ion Ratio Lower Upper
79 100
108 79.9 60.4 90.6
77 60.3 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 45.482 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion: 45 Resp: 462178
Ion Ratio Lower Upper
45 100
77 17.1 0.0 30.6
79 15.9 0.0 27.5

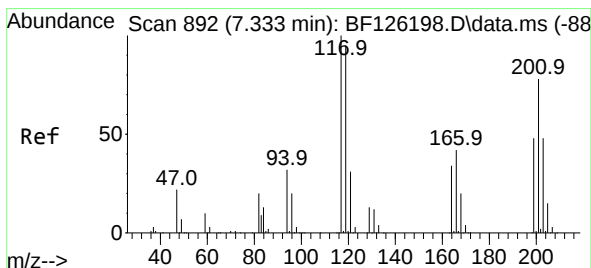
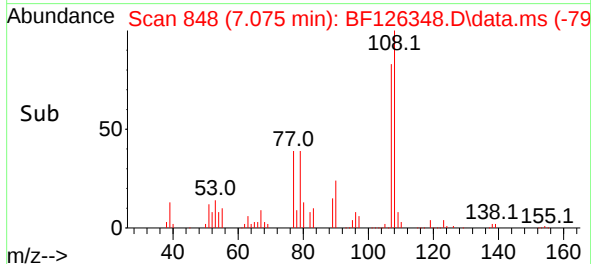
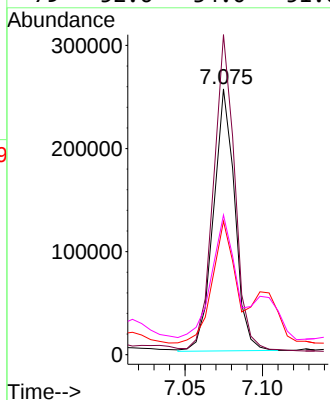
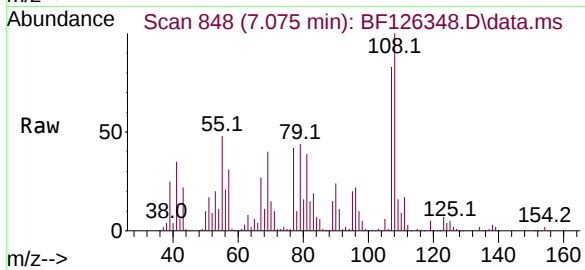




#17
2-Methylphenol
Concen: 48.918 ng
RT: 7.075 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

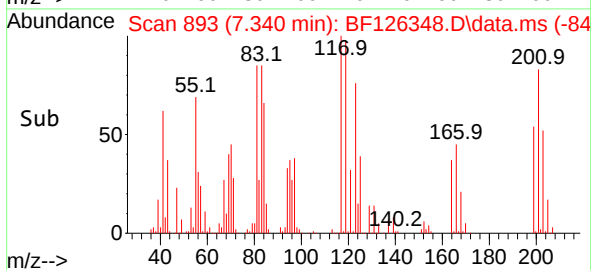
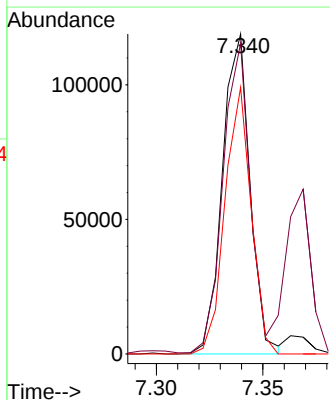
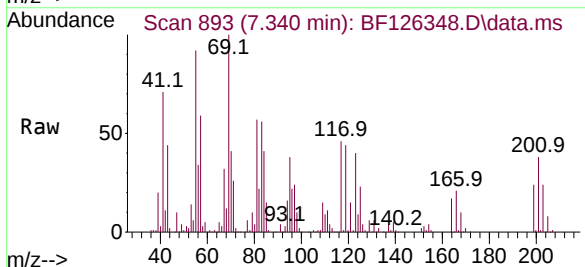
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

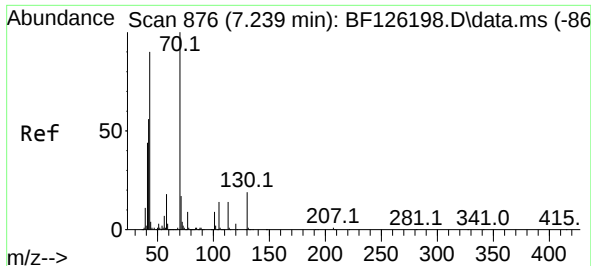
Tgt Ion:107	Resp:	243909
Ion Ratio	Lower	Upper
107	100	
108	120.4	90.6 135.8
77	50.2	35.7 53.5
79	52.6	34.0 51.0



#18
Hexachloroethane
Concen: 47.002 ng
RT: 7.340 min Scan# 893
Delta R.T. 0.006 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:117	Resp:	107193
Ion Ratio	Lower	Upper
117	100	
119	97.1	73.4 110.2
201	83.3	64.9 97.3

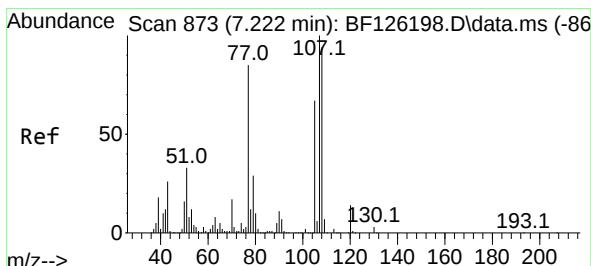
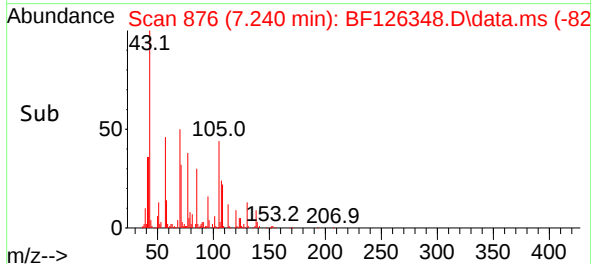
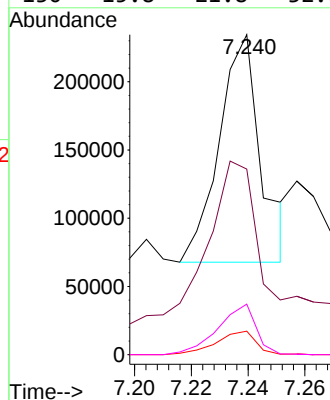
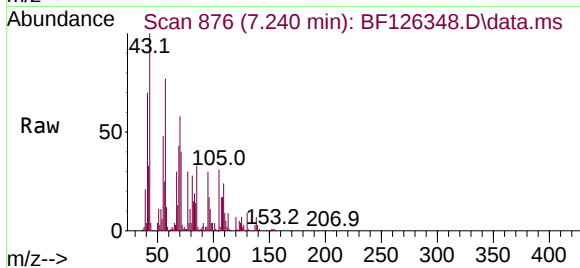




#19
n-Nitroso-di-n-propylamine
Concen: 38.851 ng
RT: 7.240 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

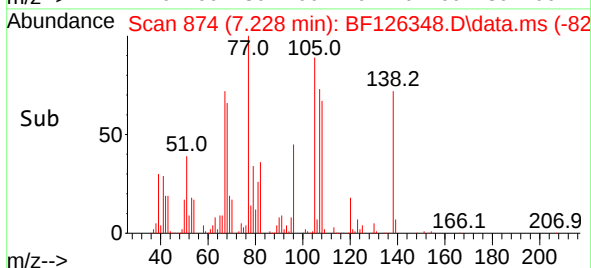
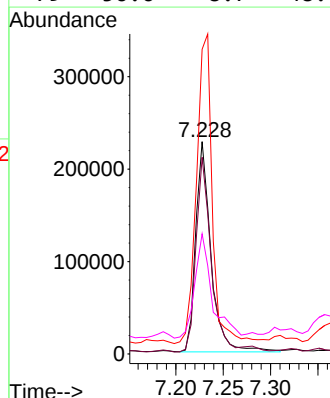
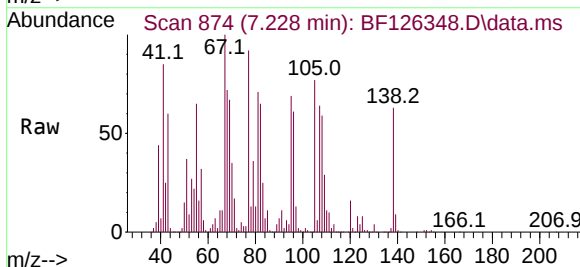
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

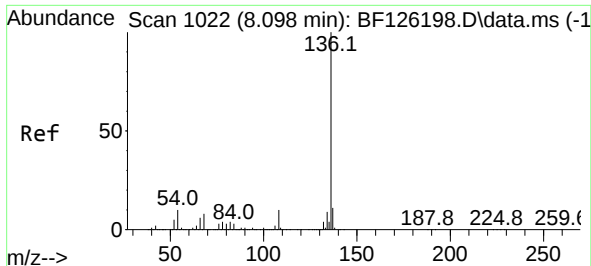
Tgt Ion: 70 Resp: 169974
Ion Ratio Lower Upper
70 100
42 58.0 72.2 108.2#
101 7.4 7.8 11.8#
130 15.8 21.8 32.6#



#20
3+4-Methylphenols
Concen: 43.604 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.006 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

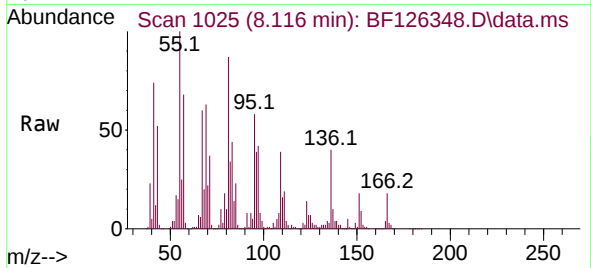
Tgt Ion: 107 Resp: 257029
Ion Ratio Lower Upper
107 100
108 92.6 76.6 116.6
77 143.4 53.3 93.3#
79 56.6 8.7 48.7#



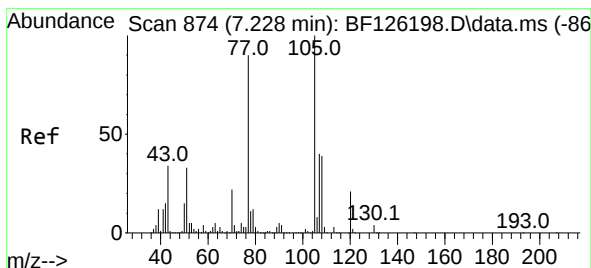
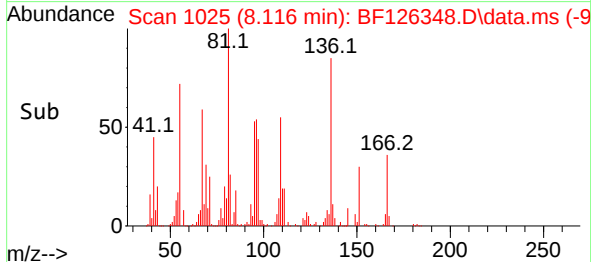
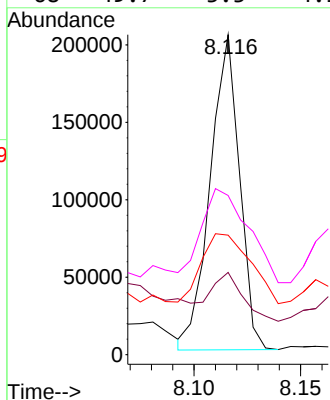


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 1025
Delta R.T. 0.012 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

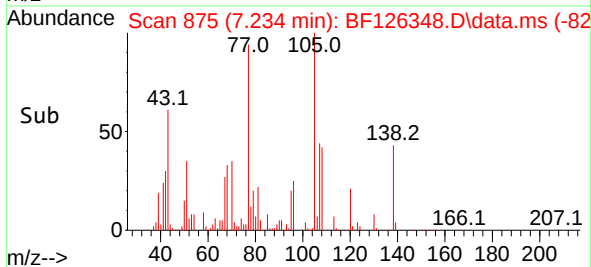
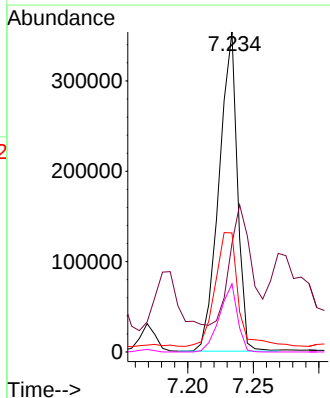
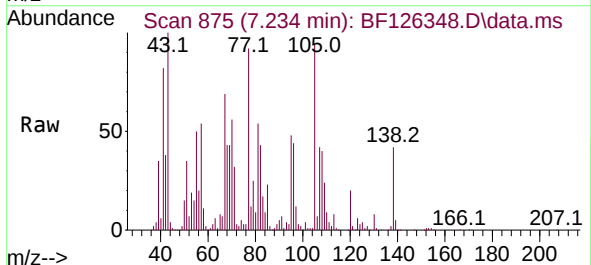


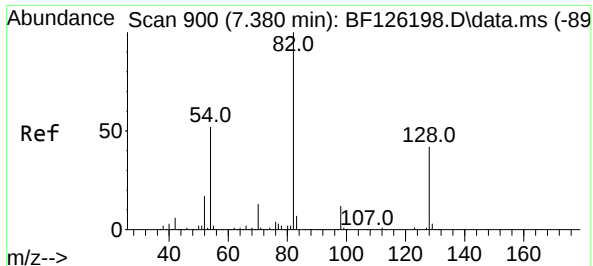
Tgt Ion:136 Resp: 193894
Ion Ratio Lower Upper
136 100
137 25.7 9.8 14.6#
54 37.4 6.4 9.6#
68 49.7 3.3 4.9#



#22
Acetophenone
Concen: 77.278 ng
RT: 7.234 min Scan# 875
Delta R.T. 0.006 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:105 Resp: 344844
Ion Ratio Lower Upper
105 100
71 33.9 5.5 8.3#
51 37.2 26.0 39.0
120 21.3 18.5 27.7





#23

Nitrobenzene-d5

Concen: 184.463 ng

RT: 7.387 min Scan# 901

Delta R.T. 0.006 min

Lab File: BF126348.D

Acq: 23 Dec 2021 17:12

Instrument :

BNA_F

ClientSampleId :

DB-4-(7.5-8)-12-8-21MS

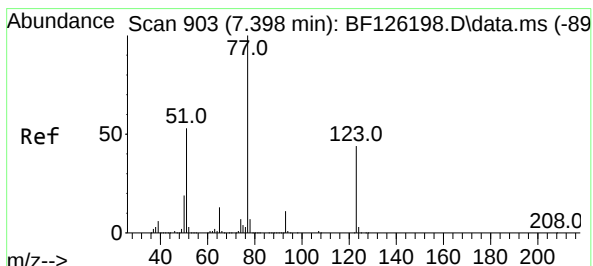
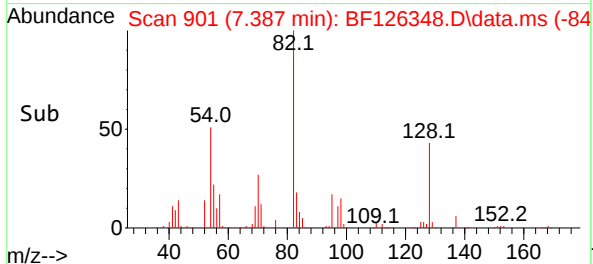
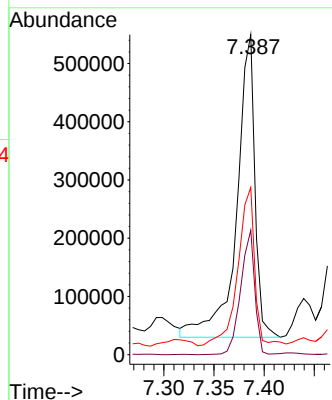
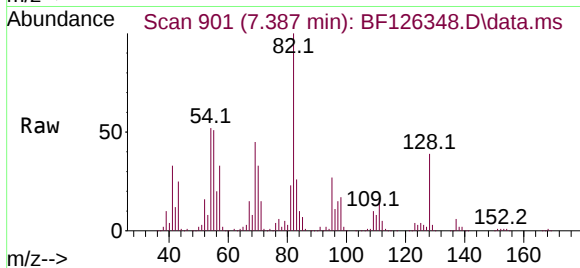
Tgt Ion: 82 Resp: 660390

Ion Ratio Lower Upper

82 100

128 38.9 40.6 60.8#

54 52.3 49.6 74.4



#24

Nitrobenzene

Concen: 82.916 ng

RT: 7.404 min Scan# 904

Delta R.T. 0.006 min

Lab File: BF126348.D

Acq: 23 Dec 2021 17:12

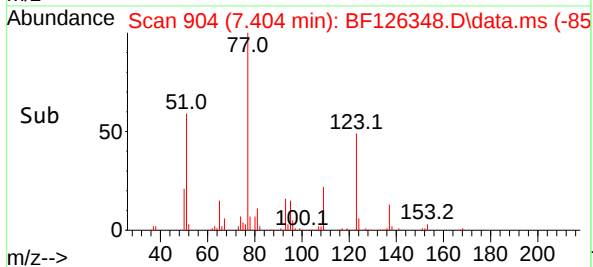
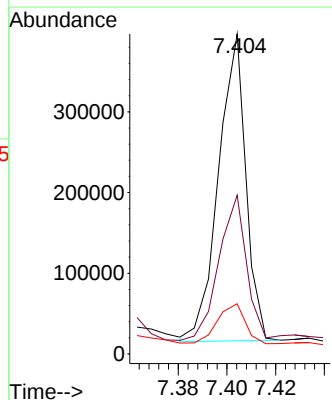
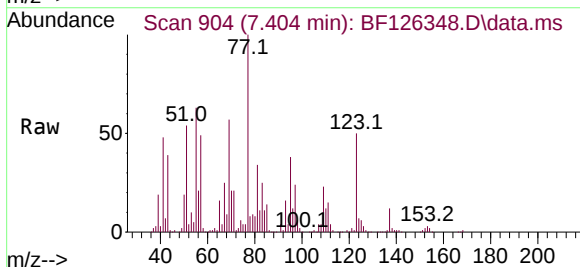
Tgt Ion: 77 Resp: 296336

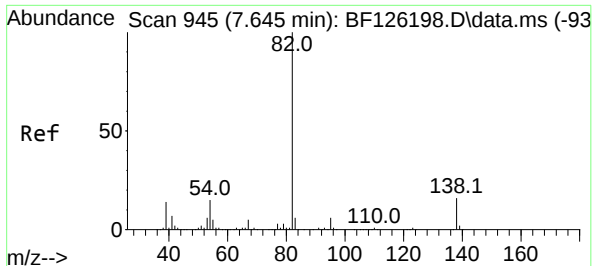
Ion Ratio Lower Upper

77 100

123 49.6 42.3 63.5

65 15.7 12.4 18.6

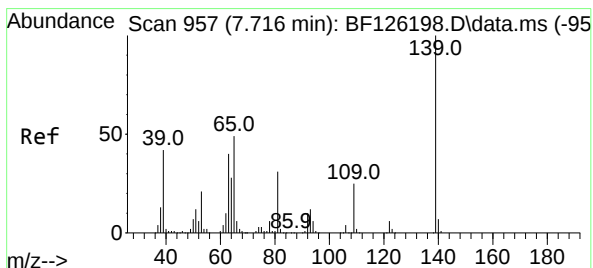
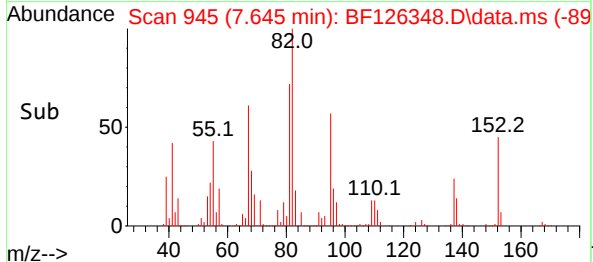
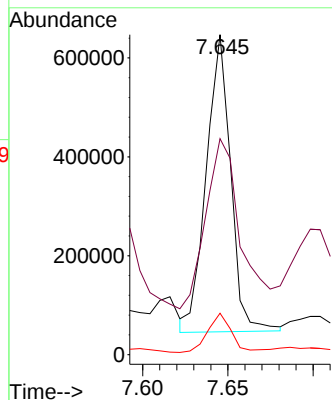
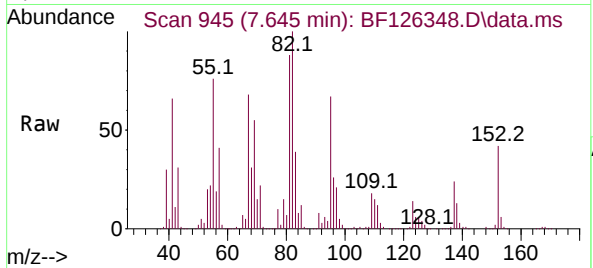




#25
Isophorone
Concen: 88.631 ng
RT: 7.645 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

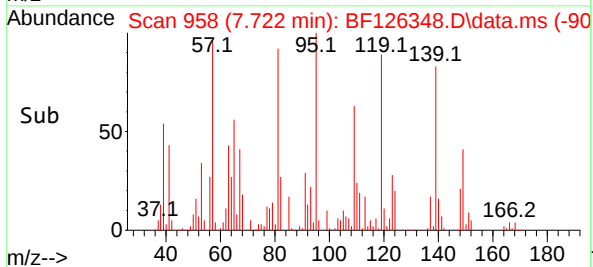
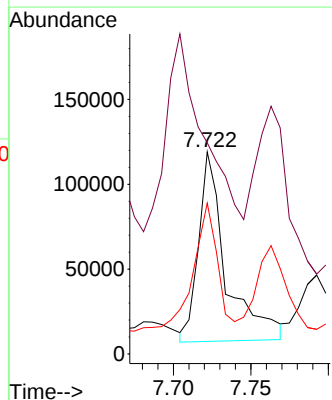
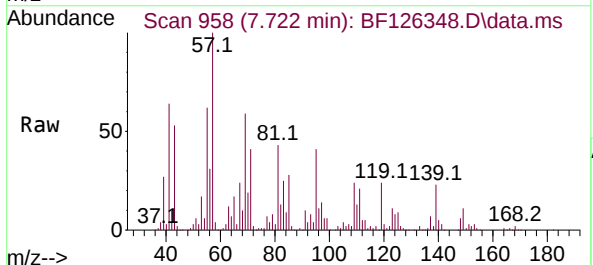
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

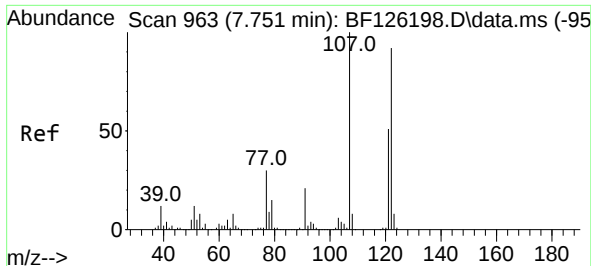
Tgt Ion: 82 Resp: 599201
Ion Ratio Lower Upper
82 100
95 67.5 6.5 9.7#
138 13.0 18.4 27.6#



#26
2-Nitrophenol
Concen: 85.945 ng
RT: 7.722 min Scan# 958
Delta R.T. 0.006 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:139 Resp: 138467
Ion Ratio Lower Upper
139 100
109 104.5 26.0 39.0#
65 74.6 31.0 46.4#

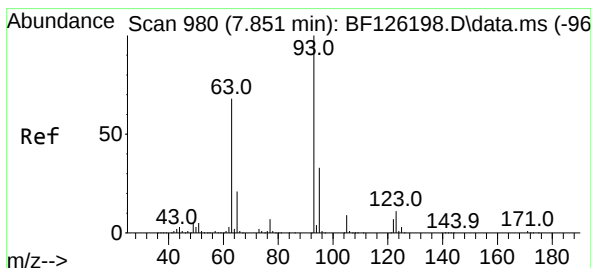
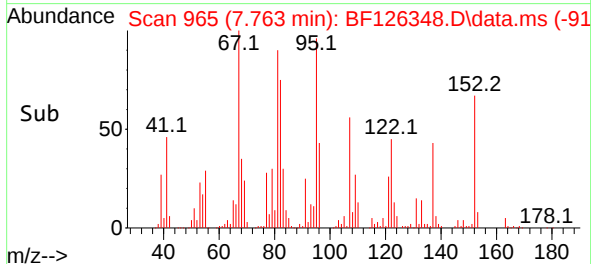
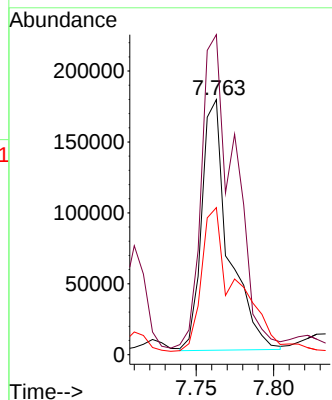
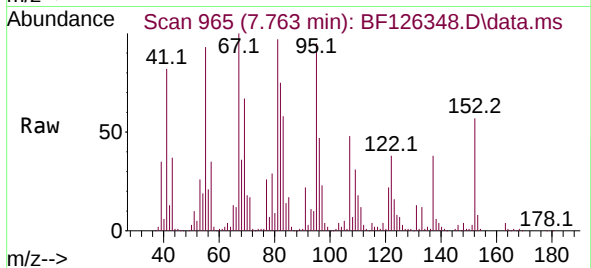




#27
2,4-Dimethylphenol
Concen: 78.230 ng
RT: 7.763 min Scan# 90
Delta R.T. 0.012 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

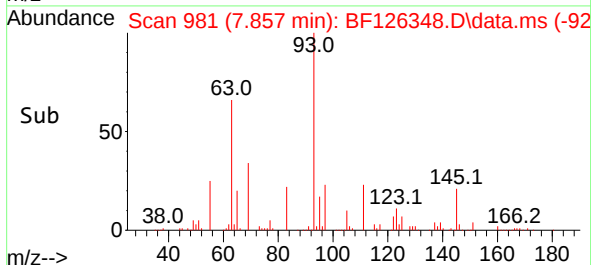
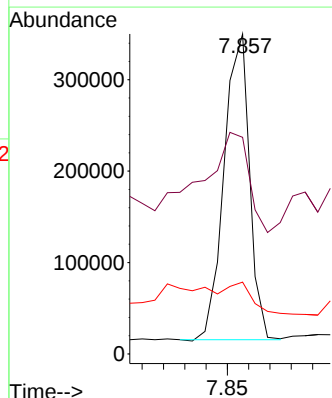
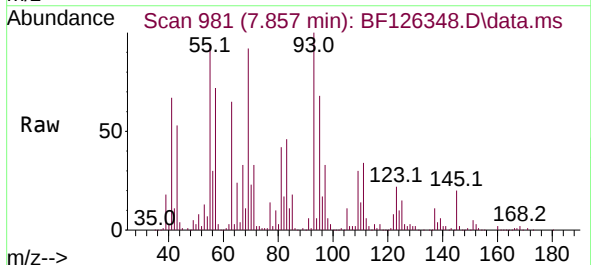
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

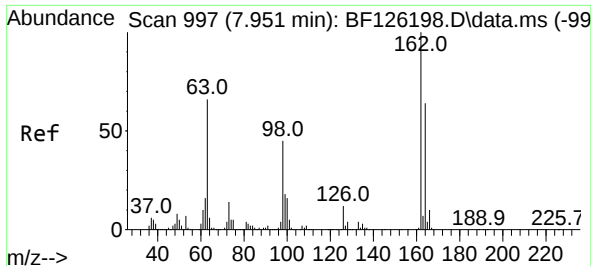
Tgt Ion:122 Resp: 214042
Ion Ratio Lower Upper
122 100
107 125.5 85.0 127.6
121 57.7 43.3 64.9



#28
bis(2-Chloroethoxy)methane
Concen: 62.178 ng
RT: 7.857 min Scan# 981
Delta R.T. 0.006 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion: 93 Resp: 276377
Ion Ratio Lower Upper
93 100
95 67.7 26.1 39.1#
123 22.4 11.7 17.5#





#29

2,4-Dichlorophenol

Concen: 72.437 ng

RT: 7.969 min Scan# 1000

Delta R.T. 0.012 min

Lab File: BF126348.D

Acq: 23 Dec 2021 17:12

Instrument :

BNA_F

ClientSampleId :

DB-4-(7.5-8)-12-8-21MS

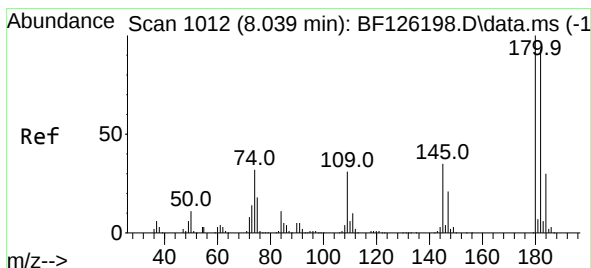
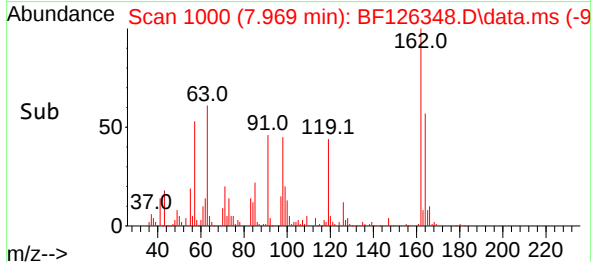
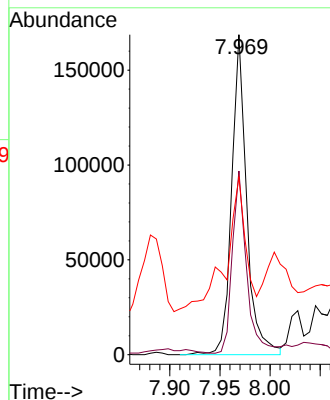
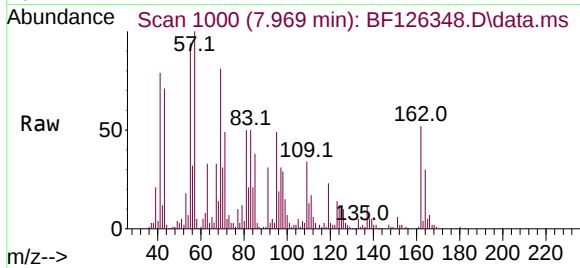
Tgt Ion:162 Resp: 176172

Ion Ratio Lower Upper

162 100

164 57.4 44.5 84.5

98 55.5 13.0 53.0#



#30

1,2,4-Trichlorobenzene

Concen: 61.063 ng

RT: 8.057 min Scan# 1015

Delta R.T. 0.012 min

Lab File: BF126348.D

Acq: 23 Dec 2021 17:12

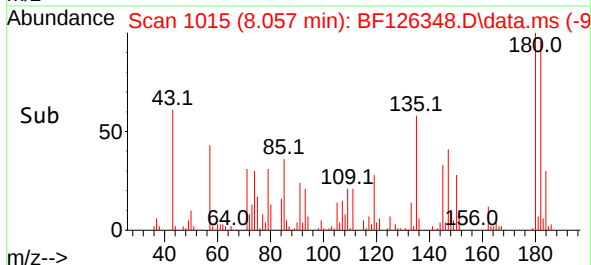
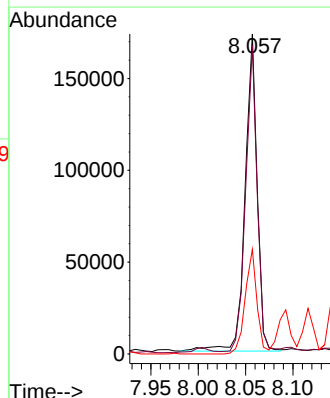
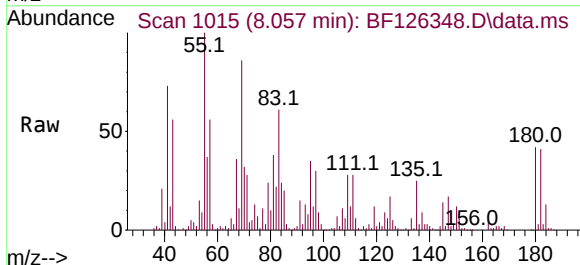
Tgt Ion:180 Resp: 153612

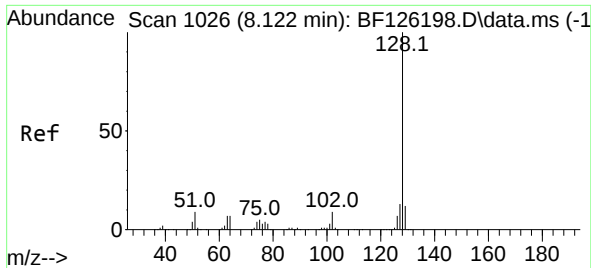
Ion Ratio Lower Upper

180 100

182 96.3 76.8 115.2

145 32.7 26.7 40.1

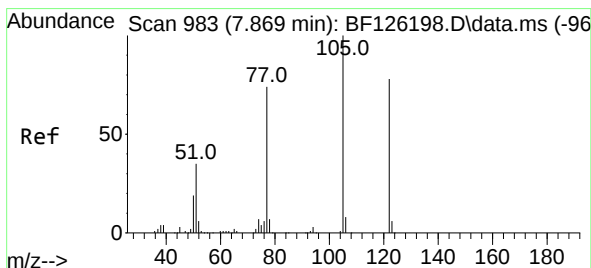
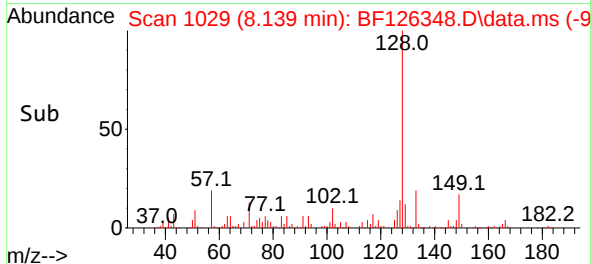
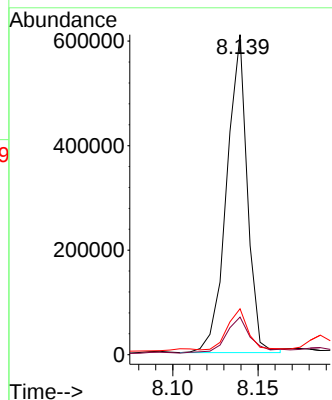
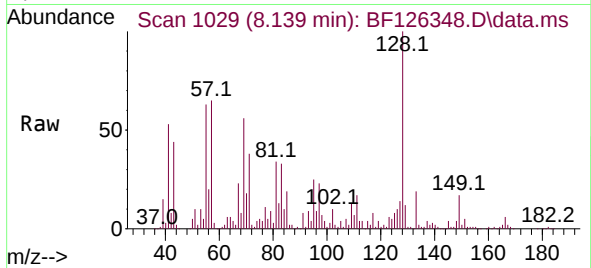




#31
Naphthalene
Concen: 56.396 ng
RT: 8.139 min Scan# 1029
Delta R.T. 0.018 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

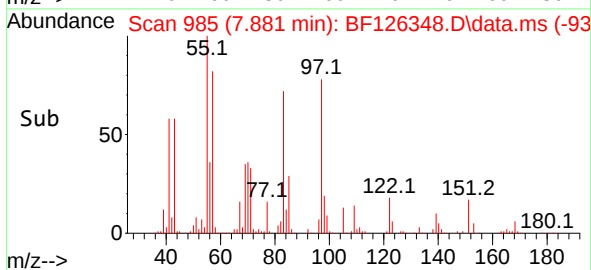
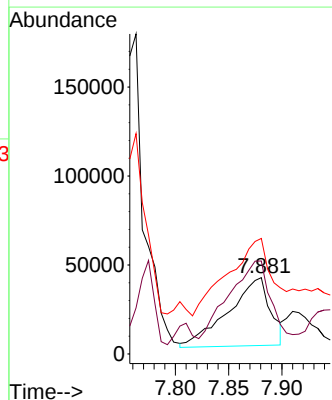
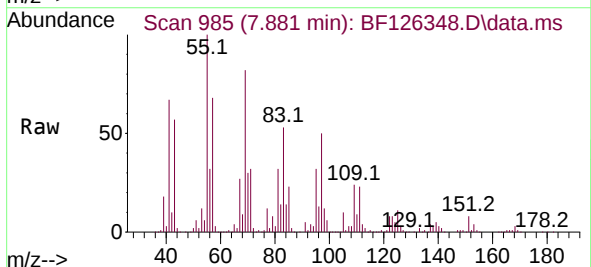
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

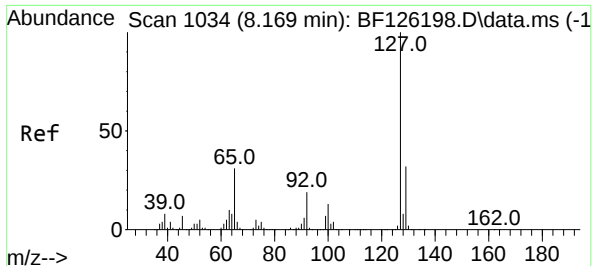
Tgt Ion:128 Resp: 511371
Ion Ratio Lower Upper
128 100
129 11.8 9.4 14.0
127 14.3 10.9 16.3



#32
Benzoic acid
Concen: 44.602 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.006 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:122 Resp: 105133
Ion Ratio Lower Upper
122 100
105 121.7 97.6 137.6
77 151.3 59.6 99.6#





#33

4-Chloroaniline

Concen: 11.180 ng

RT: 8.187 min Scan# 1037

Delta R.T. 0.018 min

Lab File: BF126348.D

Acq: 23 Dec 2021 17:12

Instrument :

BNA_F

ClientSampleId :

DB-4-(7.5-8)-12-8-21MS

Tgt Ion:127 Resp: 42328

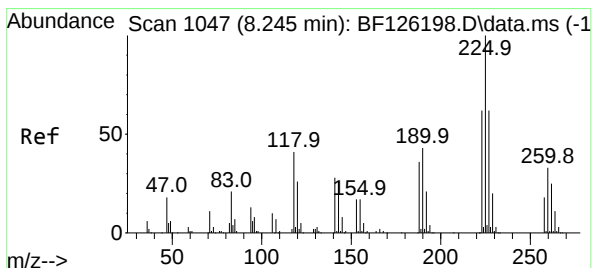
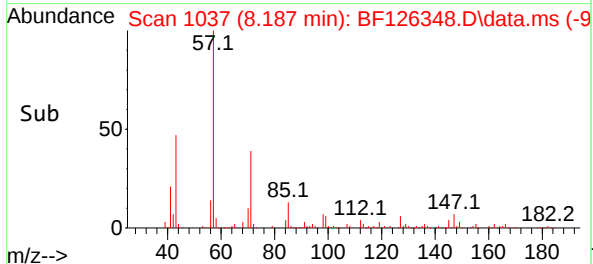
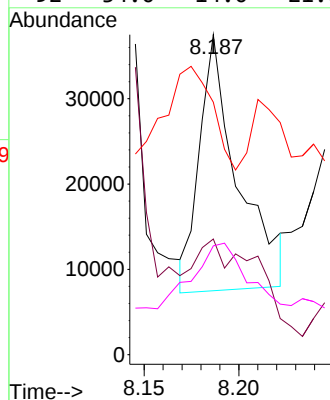
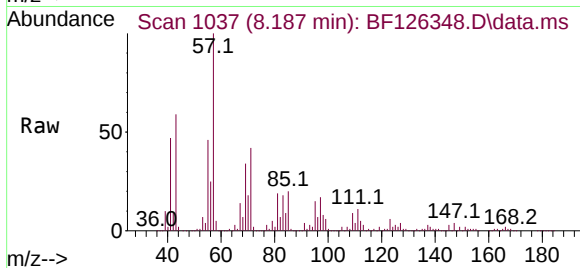
Ion Ratio Lower Upper

127 100

129 36.1 25.7 38.5

65 78.9 21.2 31.8#

92 34.0 14.0 21.0#



#34

Hexachlorobutadiene

Concen: 66.789 ng

RT: 8.263 min Scan# 1050

Delta R.T. 0.018 min

Lab File: BF126348.D

Acq: 23 Dec 2021 17:12

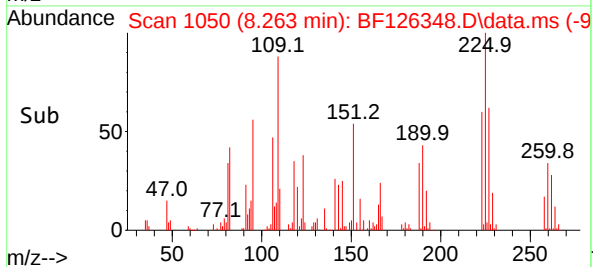
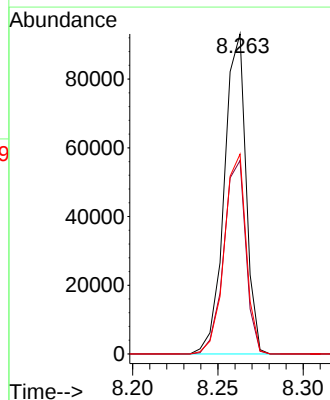
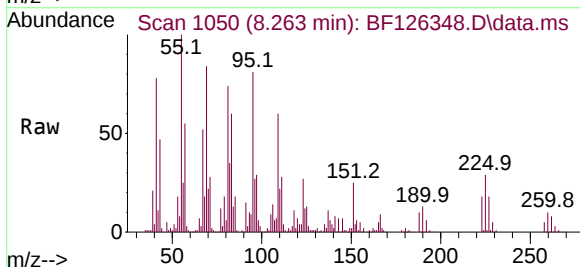
Tgt Ion:225 Resp: 82519

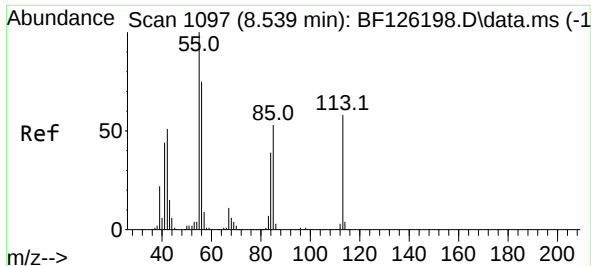
Ion Ratio Lower Upper

225 100

223 60.5 50.6 76.0

227 62.5 50.6 75.8

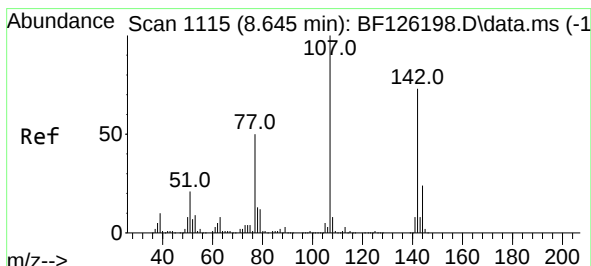
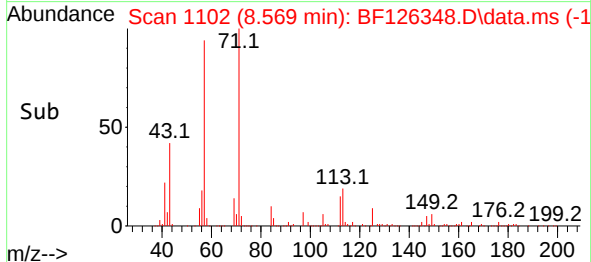
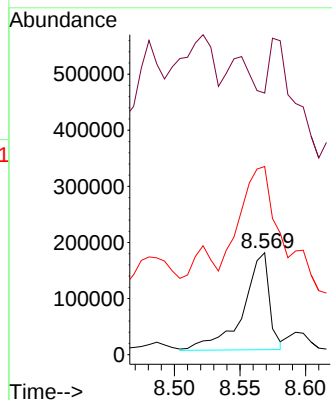
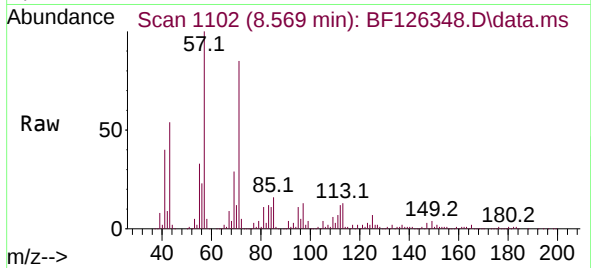




#35
 Caprolactam
 Concen: 399.961 ng
 RT: 8.569 min Scan# 1102
 Delta R.T. 0.035 min
 Lab File: BF126348.D
 Acq: 23 Dec 2021 17:12

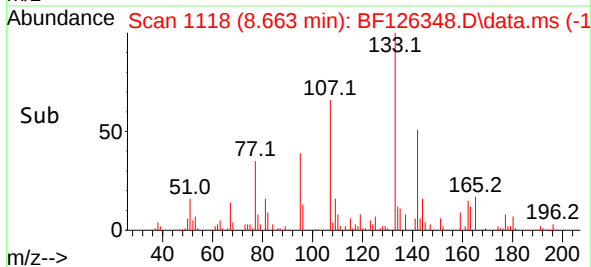
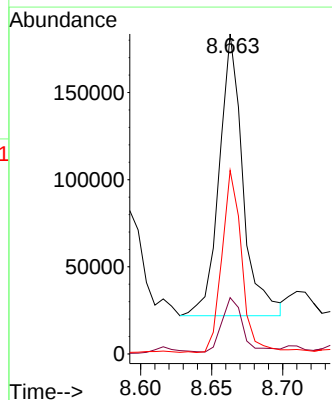
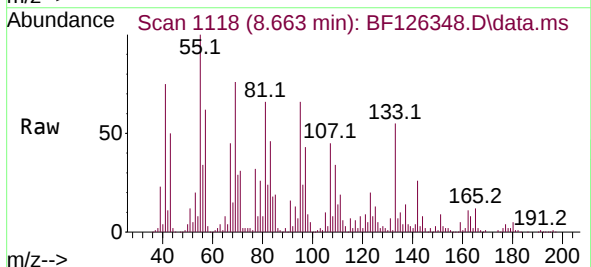
Instrument :
 BNA_F
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MS

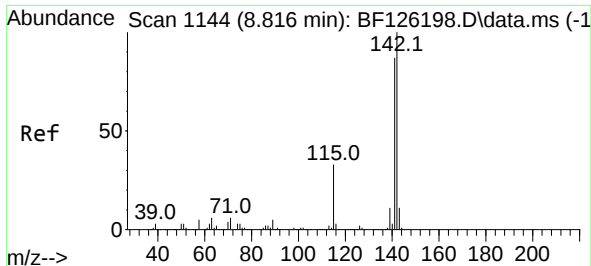
Tgt Ion:113 Resp: 241747
 Ion Ratio Lower Upper
 113 100
 55 256.8 154.1 194.1#
 56 184.7 108.7 148.7#



#36
 4-Chloro-3-methylphenol
 Concen: 65.401 ng
 RT: 8.663 min Scan# 1118
 Delta R.T. 0.012 min
 Lab File: BF126348.D
 Acq: 23 Dec 2021 17:12

Tgt Ion:107 Resp: 187627
 Ion Ratio Lower Upper
 107 100
 144 17.6 21.9 32.9#
 142 57.4 67.1 100.7#





#37

2-Methylnaphthalene

Concen: 52.432 ng

RT: 8.839 min Scan# 1148

Delta R.T. 0.024 min

Lab File: BF126348.D

Acq: 23 Dec 2021 17:12

Instrument :

BNA_F

ClientSampleId :

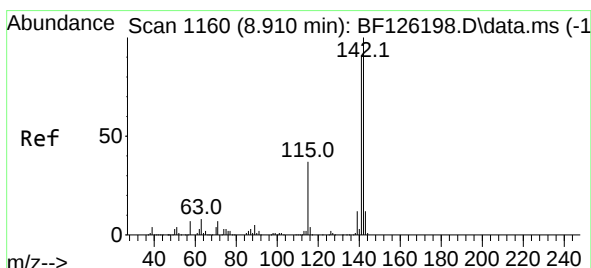
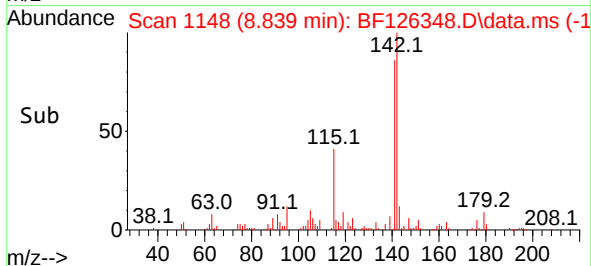
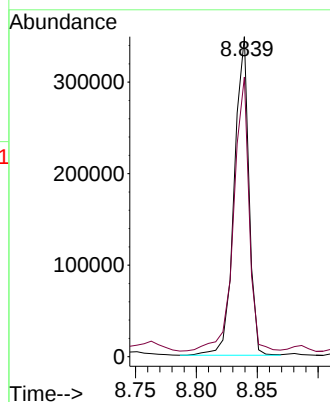
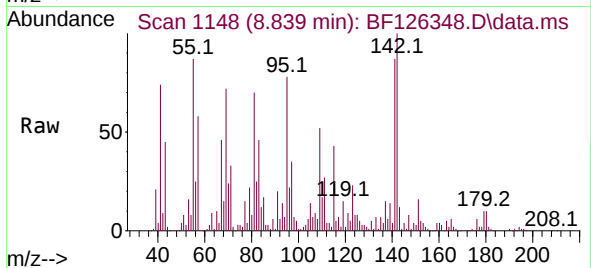
DB-4-(7.5-8)-12-8-21MS

Tgt Ion:142 Resp: 292790

Ion Ratio Lower Upper

142 100

141 87.4 71.2 106.8



#38

1-Methylnaphthalene

Concen: 47.829 ng

RT: 8.934 min Scan# 1164

Delta R.T. 0.018 min

Lab File: BF126348.D

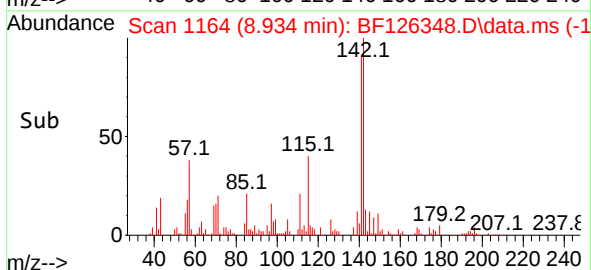
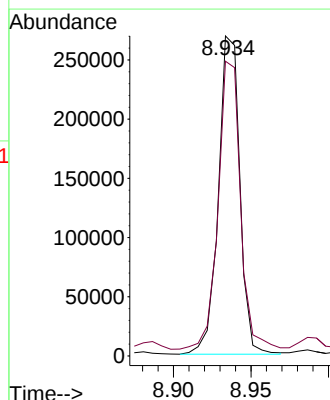
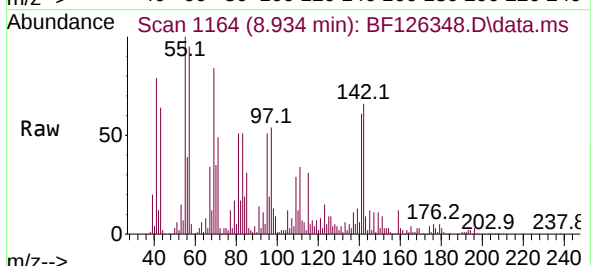
Acq: 23 Dec 2021 17:12

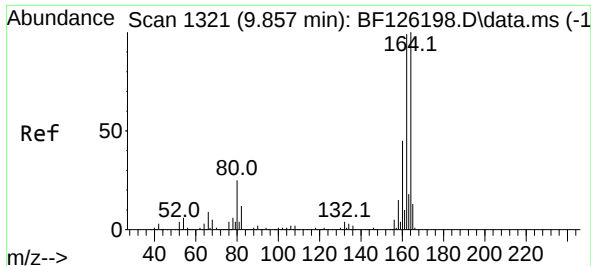
Tgt Ion:142 Resp: 259194

Ion Ratio Lower Upper

142 100

141 92.1 76.0 114.0

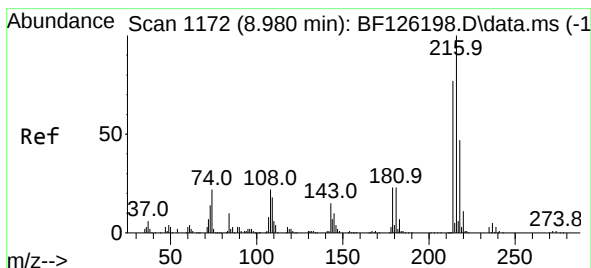
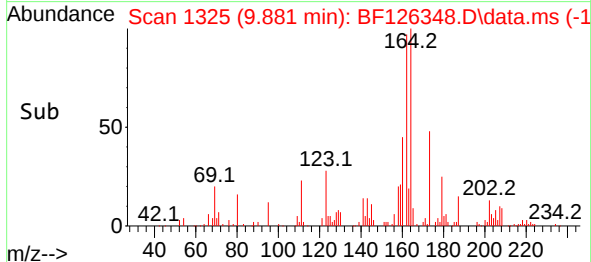
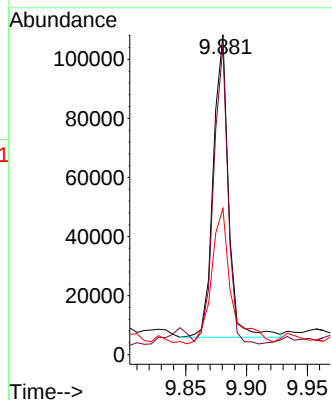
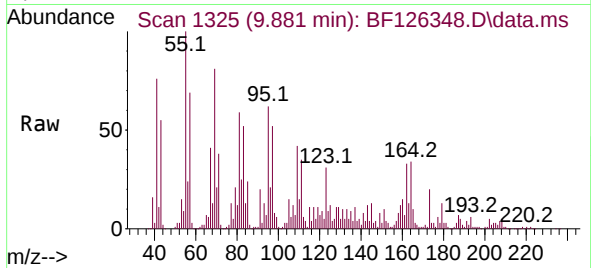




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.881 min Scan# 1177
Delta R.T. 0.024 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

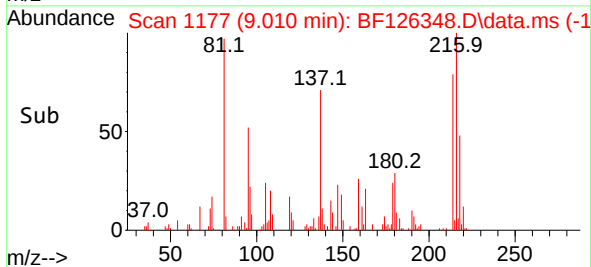
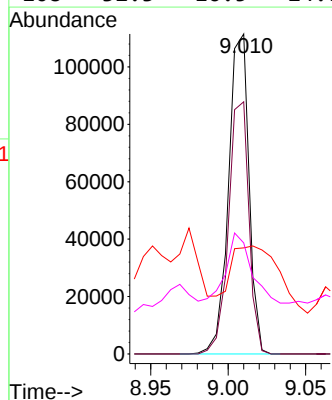
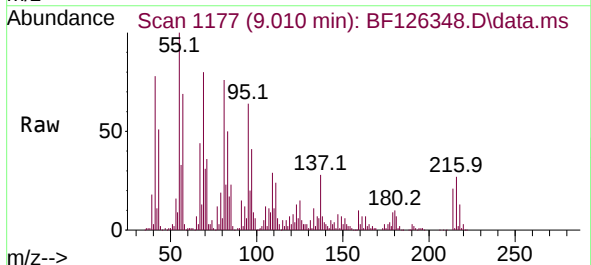
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

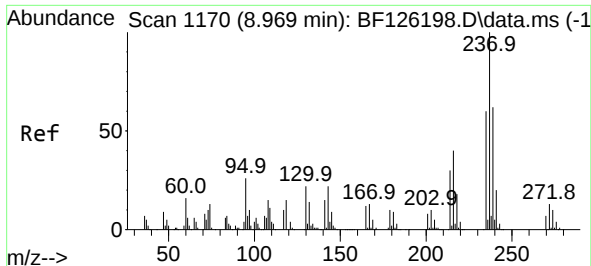
Tgt Ion:164 Resp: 88887
Ion Ratio Lower Upper
164 100
162 96.5 81.3 121.9
160 45.7 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 53.368 ng
RT: 9.010 min Scan# 1177
Delta R.T. 0.030 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:216 Resp: 102384
Ion Ratio Lower Upper
216 100
214 78.6 64.9 97.3
179 48.9 17.4 26.2#
108 32.3 16.5 24.7#

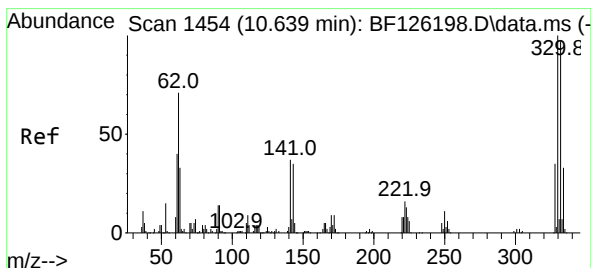
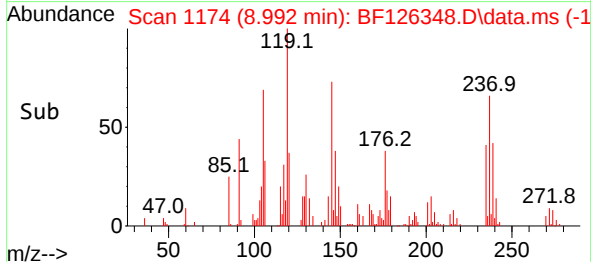
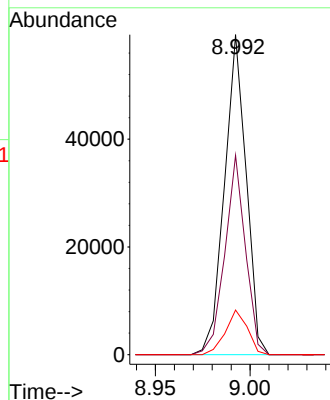
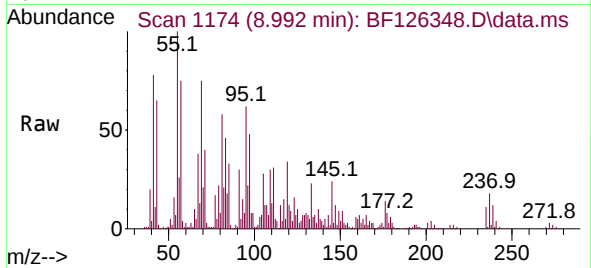




#41
Hexachlorocyclopentadiene
Concen: 43.075 ng
RT: 8.992 min Scan# 1174
Delta R.T. 0.024 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

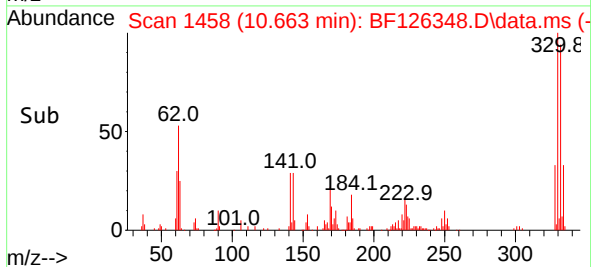
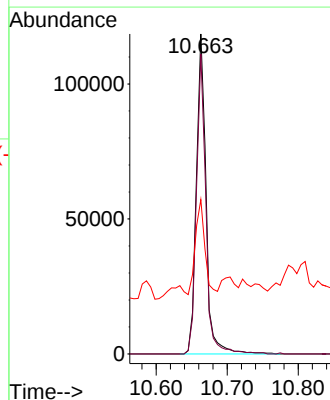
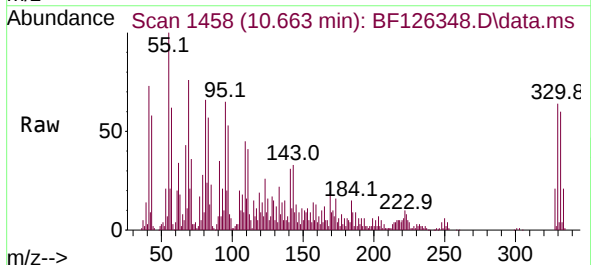
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

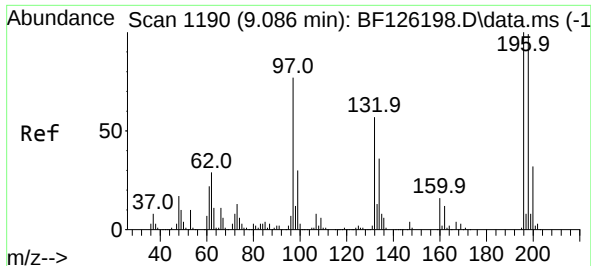
Tgt Ion:237 Resp: 47321
Ion Ratio Lower Upper
237 100
235 62.3 44.7 84.7
272 14.0 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 158.098 ng
RT: 10.663 min Scan# 1458
Delta R.T. 0.018 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:330 Resp: 112935
Ion Ratio Lower Upper
330 100
332 91.2 76.2 114.4
141 28.6 44.6 66.8#





#43

2,4,6-Trichlorophenol

Concen: 48.248 ng

RT: 9.110 min Scan# 1190

Delta R.T. 0.018 min

Lab File: BF126348.D

Acq: 23 Dec 2021 17:12

Instrument :

BNA_F

ClientSampleId :

DB-4-(7.5-8)-12-8-21MS

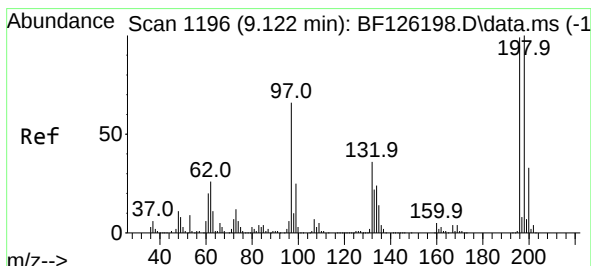
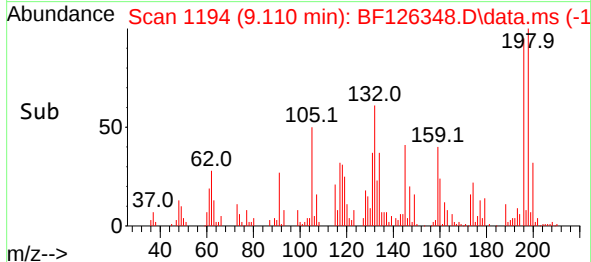
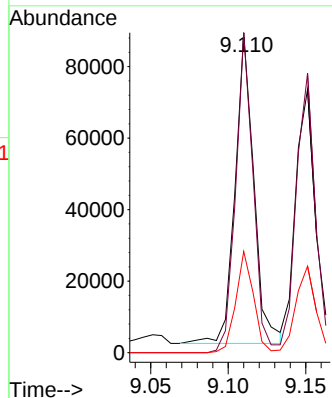
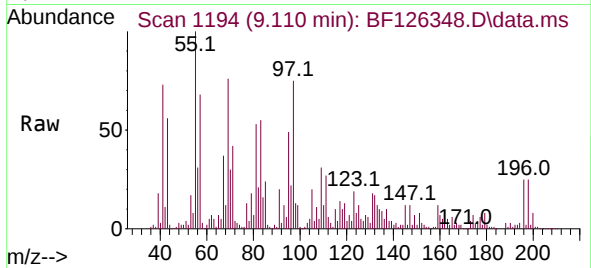
Tgt Ion:196 Resp: 72812

Ion Ratio Lower Upper

196 100

198 99.9 74.9 112.3

200 31.6 27.0 40.4



#44

2,4,5-Trichlorophenol

Concen: 43.377 ng

RT: 9.151 min Scan# 1201

Delta R.T. 0.024 min

Lab File: BF126348.D

Acq: 23 Dec 2021 17:12

Tgt Ion:196 Resp: 67790

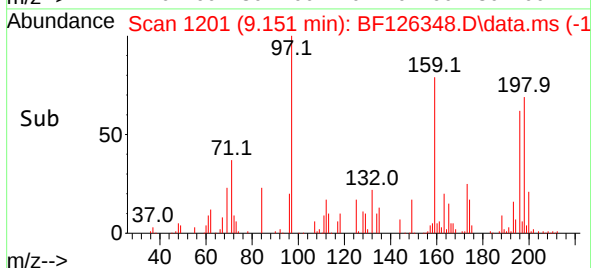
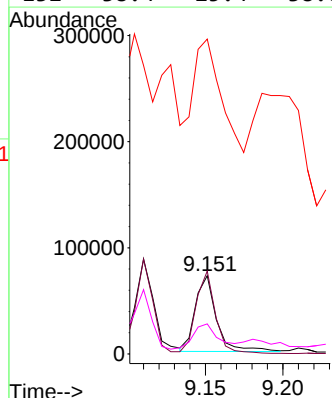
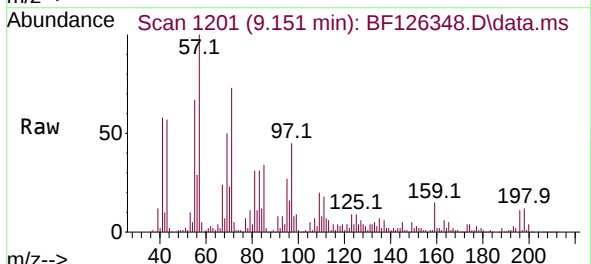
Ion Ratio Lower Upper

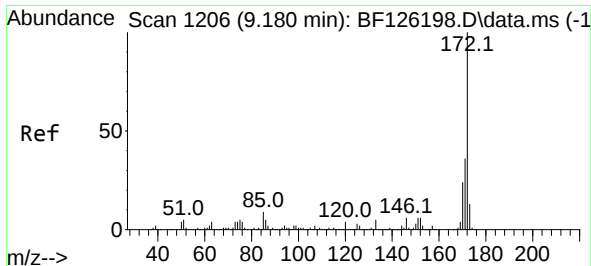
196 100

198 106.0 80.2 120.2

97 402.6 44.0 66.0#

132 38.4 25.4 38.0#





#45

2-Fluorobiphenyl

Concen: 94.134 ng

RT: 9.198 min Scan# 1209

Delta R.T. 0.018 min

Lab File: BF126348.D

Acq: 23 Dec 2021 17:12

Instrument :

BNA_F

ClientSampleId :

DB-4-(7.5-8)-12-8-21MS

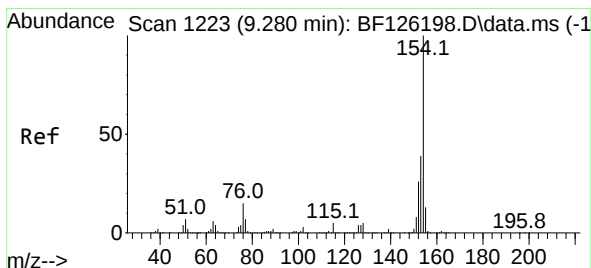
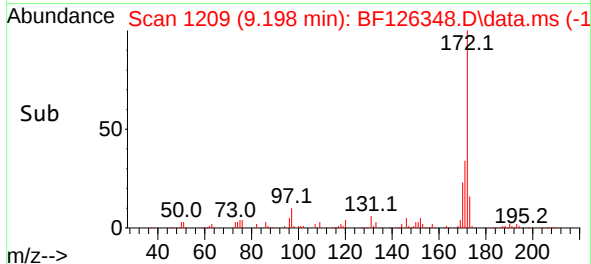
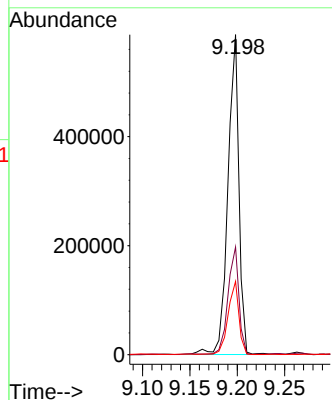
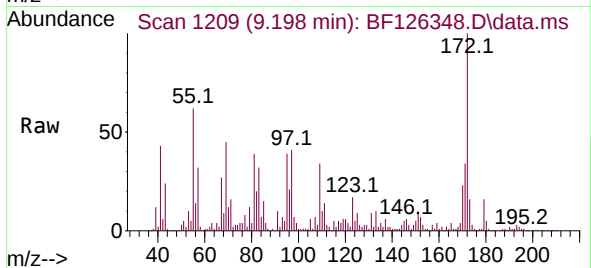
Tgt Ion:172 Resp: 477074

Ion Ratio Lower Upper

172 100

171 33.7 26.5 39.7

170 22.9 18.8 28.2



#46

1,1'-Biphenyl

Concen: 46.154 ng

RT: 9.298 min Scan# 1226

Delta R.T. 0.018 min

Lab File: BF126348.D

Acq: 23 Dec 2021 17:12

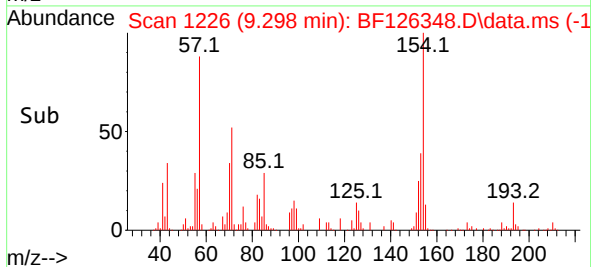
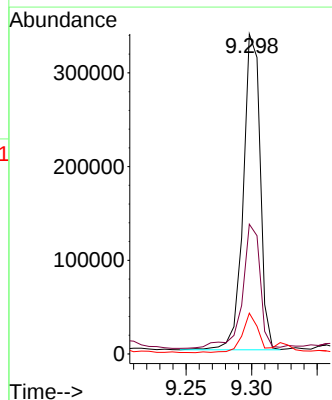
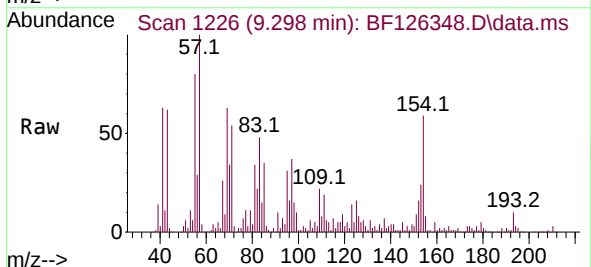
Tgt Ion:154 Resp: 303340

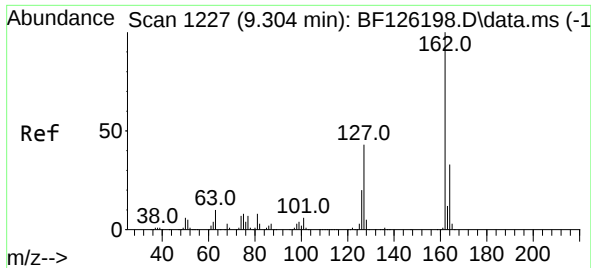
Ion Ratio Lower Upper

154 100

153 40.5 20.0 60.0

76 12.8 0.0 30.3

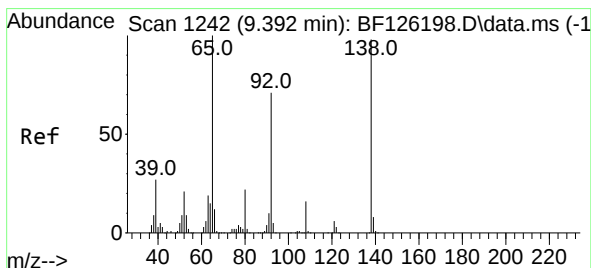
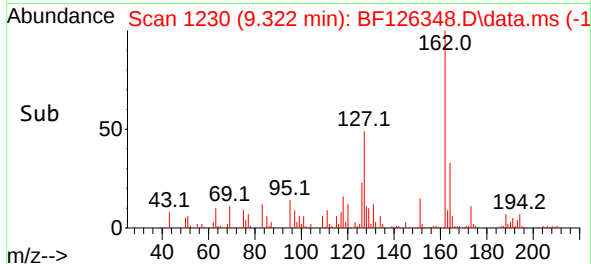
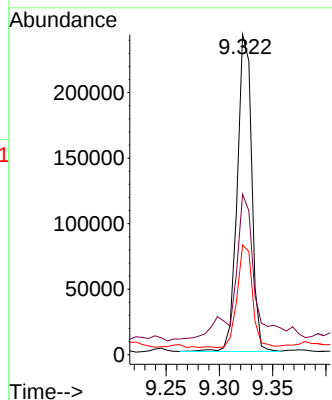
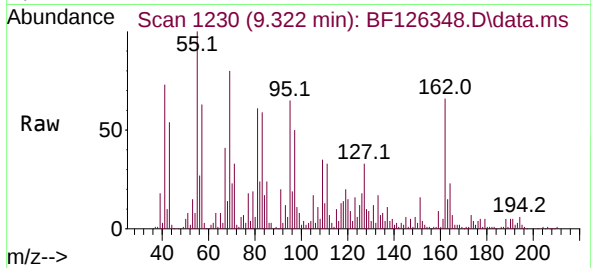




#47
2-Chloronaphthalene
Concen: 46.547 ng
RT: 9.322 min Scan# 1230
Delta R.T. 0.018 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

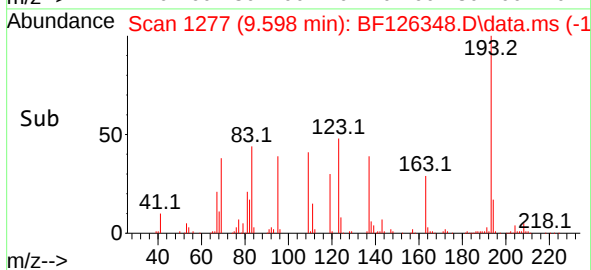
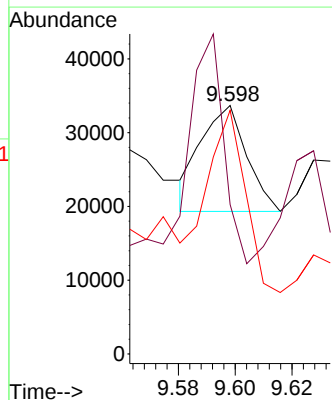
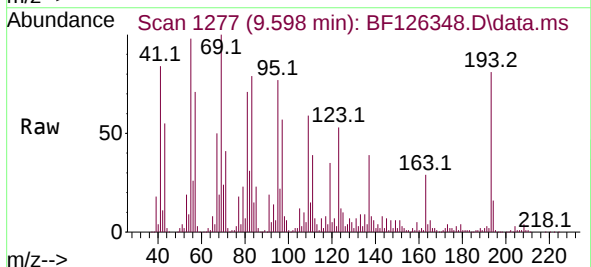
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

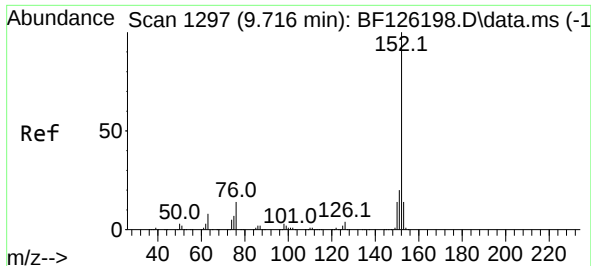
Tgt Ion:162 Resp: 230173
Ion Ratio Lower Upper
162 100
127 50.2 33.0 49.4#
164 34.3 25.8 38.8



#48
2-Nitroaniline
Concen: 8.884 ng
RT: 9.598 min Scan# 1277
Delta R.T. 0.200 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion: 65 Resp: 16035
Ion Ratio Lower Upper
65 100
92 60.1 55.5 83.3
138 98.1 93.5 140.3

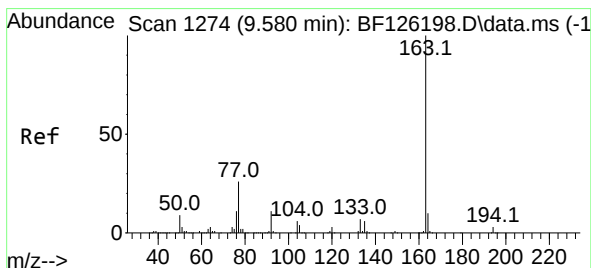
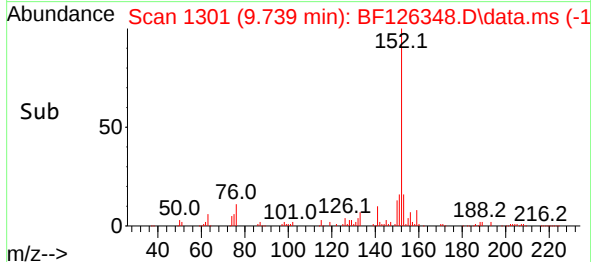
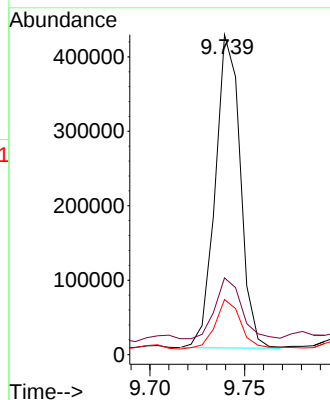
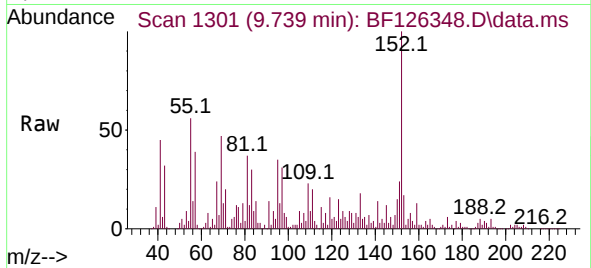




#49
Acenaphthylene
Concen: 51.136 ng
RT: 9.739 min Scan# 11
Delta R.T. 0.024 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

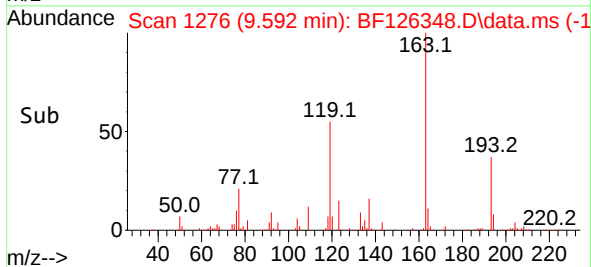
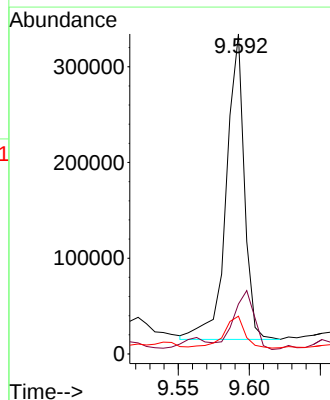
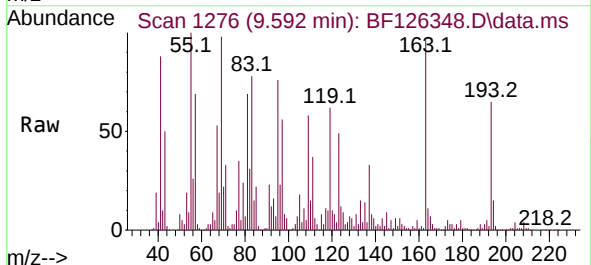
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

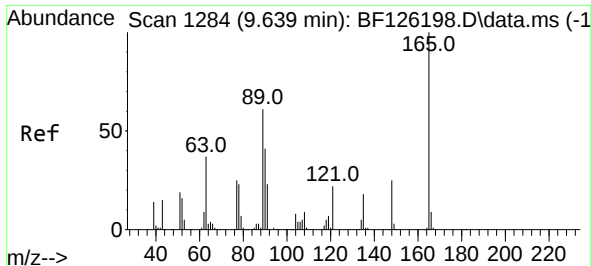
Tgt Ion:152 Resp: 386387
Ion Ratio Lower Upper
152 100
151 24.0 15.7 23.5#
153 17.2 9.8 14.8#



#50
Dimethylphthalate
Concen: 49.910 ng
RT: 9.592 min Scan# 1276
Delta R.T. 0.012 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:163 Resp: 281022
Ion Ratio Lower Upper
163 100
194 15.6 2.6 3.8#
164 11.8 7.4 11.0#

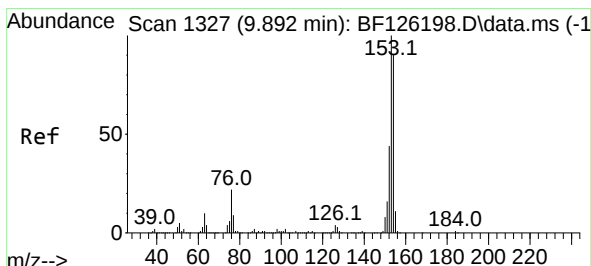
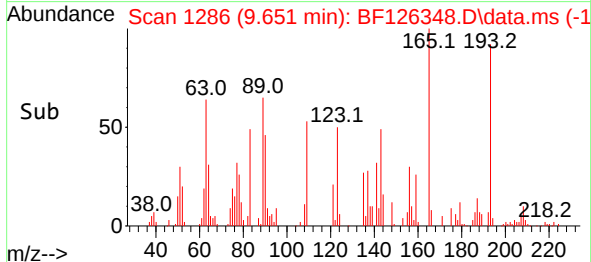
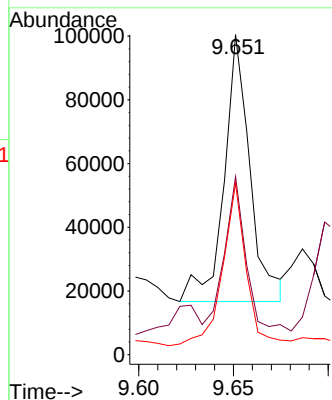
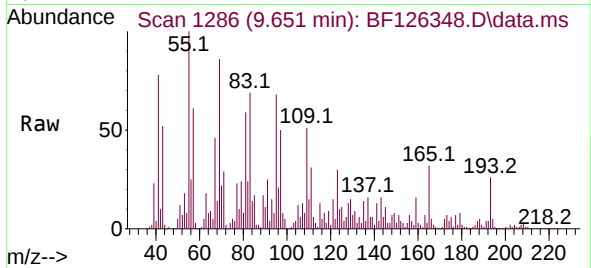




#51
2,6-Dinitrotoluene
Concen: 65.531 ng
RT: 9.651 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

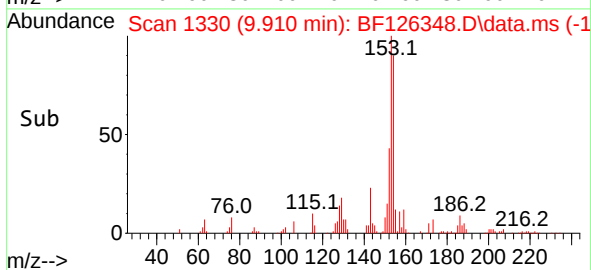
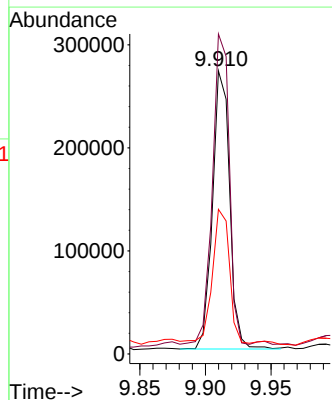
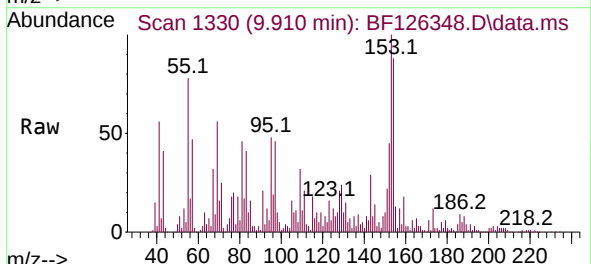
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

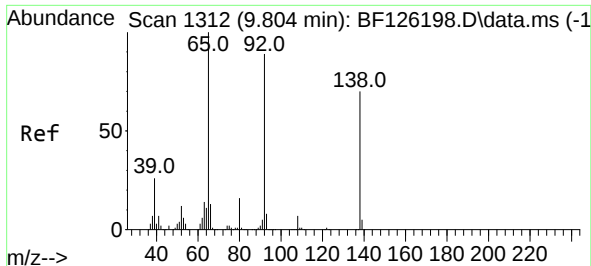
Tgt Ion:165 Resp: 79863
Ion Ratio Lower Upper
165 100
63 55.6 42.6 63.8
89 53.6 40.6 60.8



#52
Acenaphthene
Concen: 50.169 ng
RT: 9.910 min Scan# 1330
Delta R.T. 0.018 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:154 Resp: 245837
Ion Ratio Lower Upper
154 100
153 113.1 89.4 134.2
152 51.1 40.5 60.7

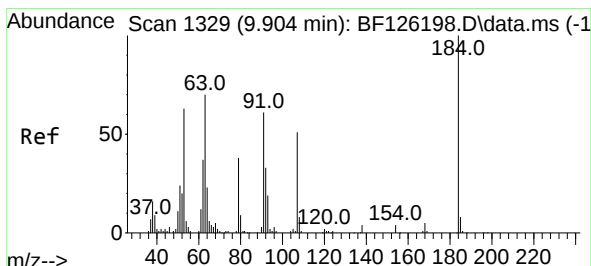
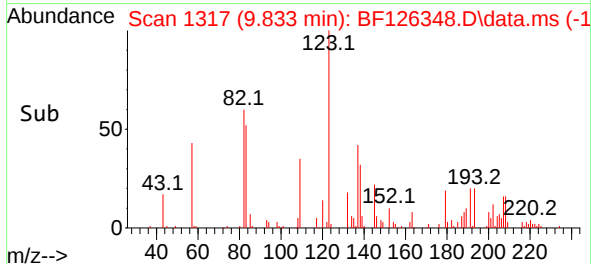
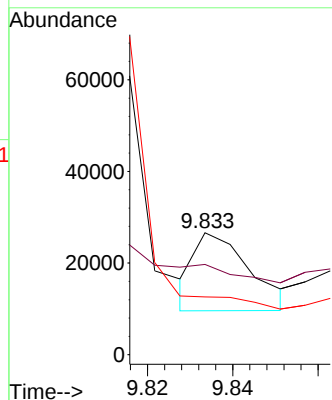
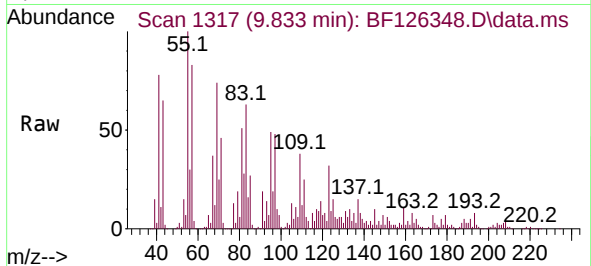




#53
3-Nitroaniline
Concen: 9.883 ng
RT: 9.833 min Scan# 11
Delta R.T. 0.030 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

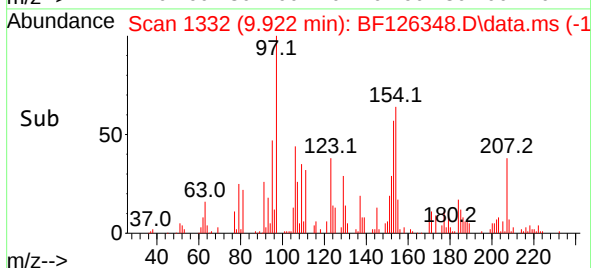
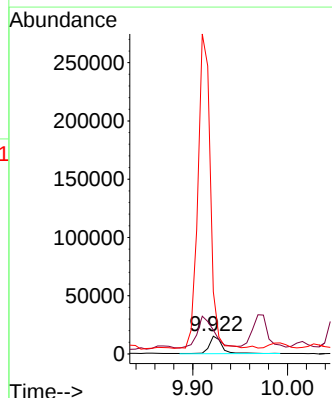
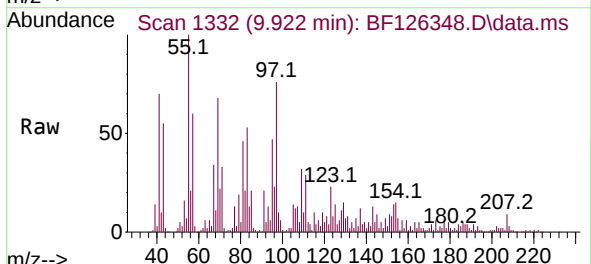
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

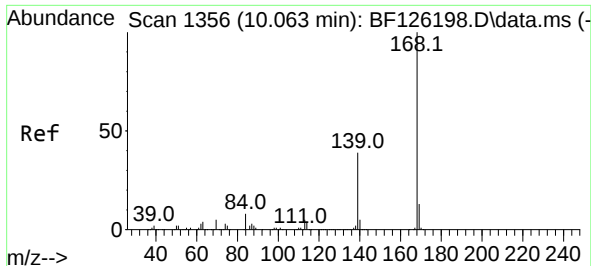
Tgt Ion:138 Resp: 15308
Ion Ratio Lower Upper
138 100
108 74.0 9.3 13.9#
92 47.4 76.5 114.7#



#54
2,4-Dinitrophenol
Concen: 27.750 ng
RT: 9.922 min Scan# 1332
Delta R.T. 0.012 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:184 Resp: 13925
Ion Ratio Lower Upper
184 100
63 135.4 59.3 88.9#
154 351.1 68.6 102.8#

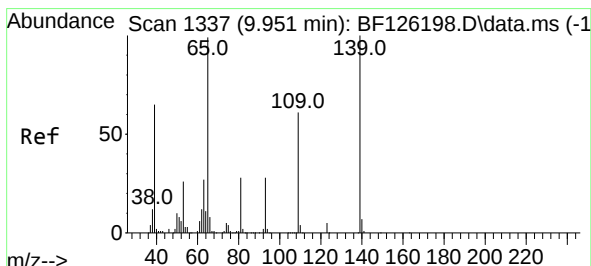
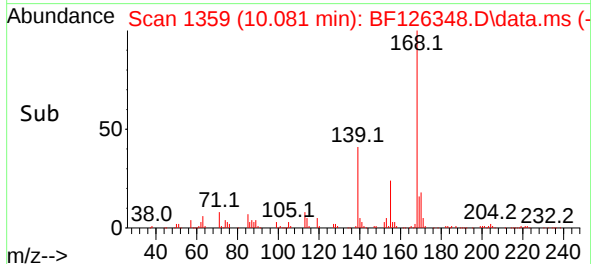
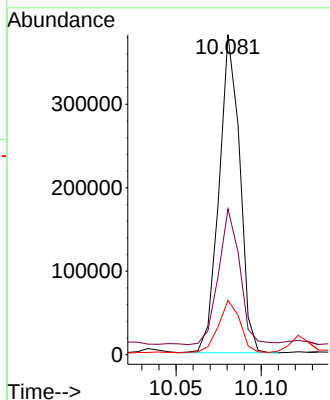
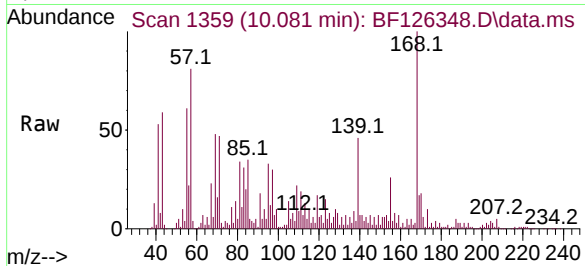




#55
Dibenzenofuran
Concen: 48.239 ng
RT: 10.081 min Scan# 11
Delta R.T. 0.018 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

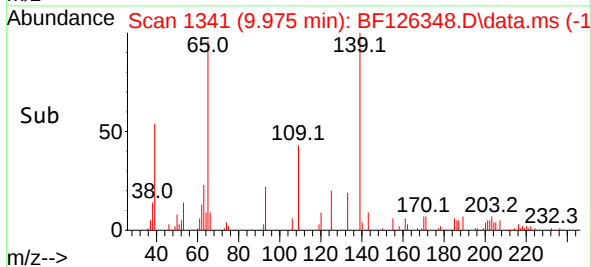
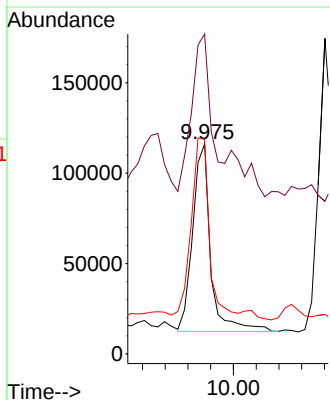
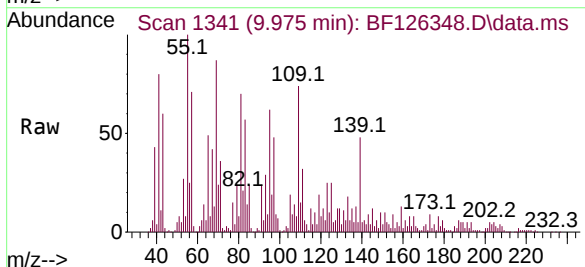
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

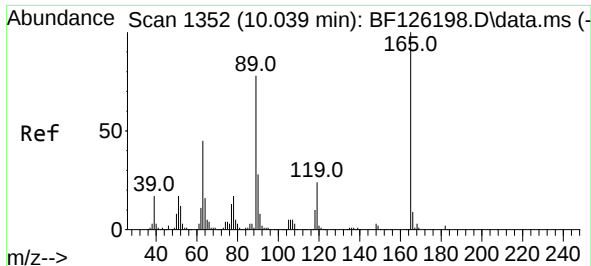
Tgt Ion:168 Resp: 321827
Ion Ratio Lower Upper
168 100
139 45.5 32.7 49.1
169 16.9 11.2 16.8#



#56
4-Nitrophenol
Concen: 101.259 ng
RT: 9.975 min Scan# 1341
Delta R.T. 0.012 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:139 Resp: 113298
Ion Ratio Lower Upper
139 100
109 152.4 60.4 100.4#
65 102.3 58.4 98.4#

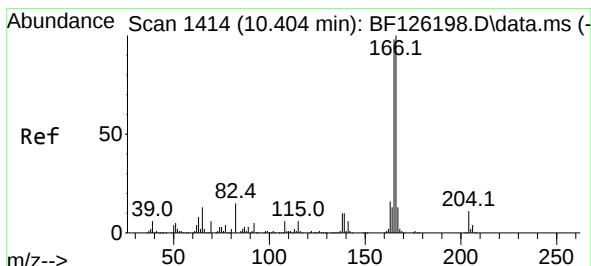
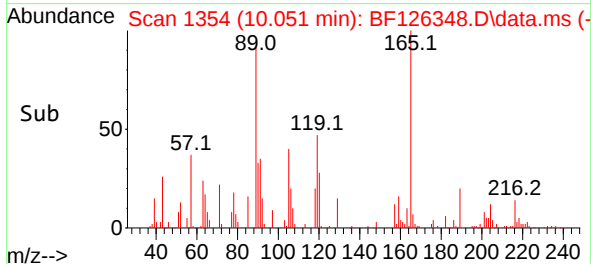
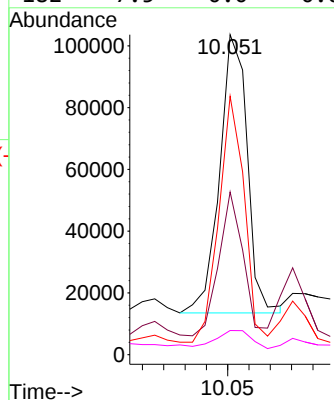
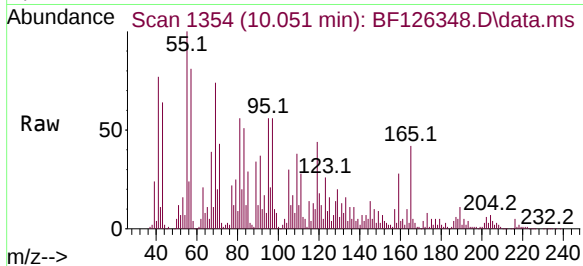




#57
2,4-Dinitrotoluene
Concen: 52.193 ng
RT: 10.051 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

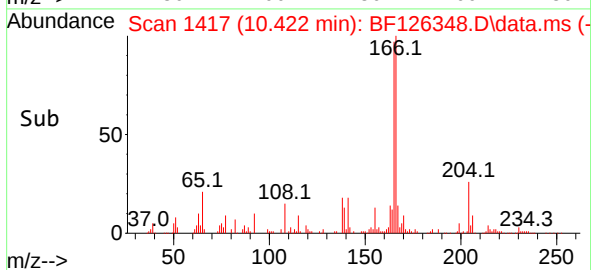
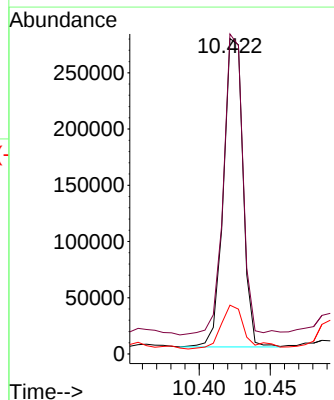
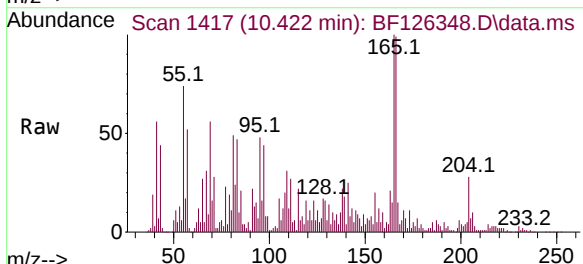
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

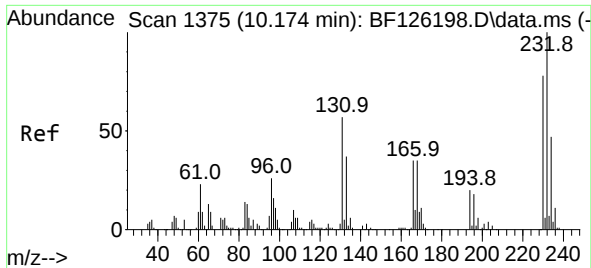
Tgt Ion:165 Resp: 81140
Ion Ratio Lower Upper
165 100
63 50.8 40.9 61.3
89 80.7 59.7 89.5
182 7.5 0.0 0.0#



#58
Fluorene
Concen: 54.309 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.018 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:166 Resp: 262300
Ion Ratio Lower Upper
166 100
165 101.5 78.1 117.1
167 15.5 11.1 16.7

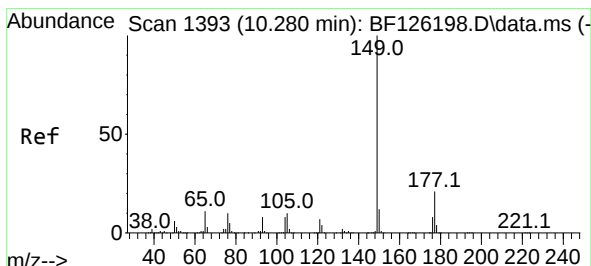
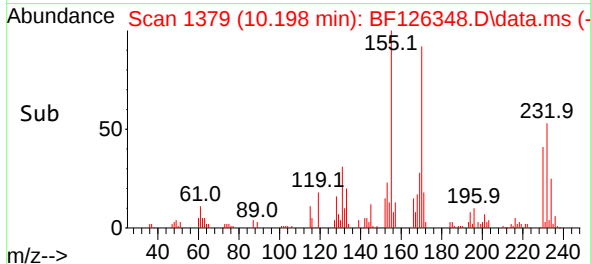
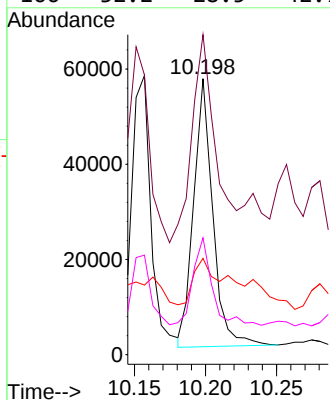
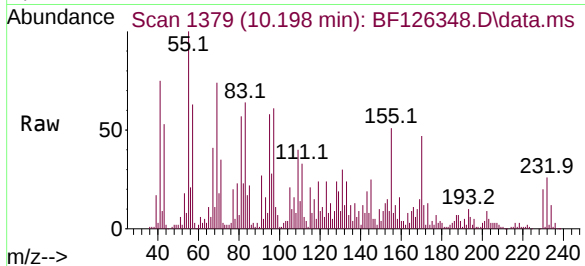




#59
2,3,4,6-Tetrachlorophenol
Concen: 45.775 ng
RT: 10.198 min Scan# 1379
Delta R.T. 0.018 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

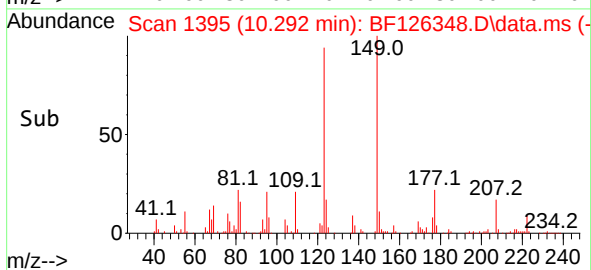
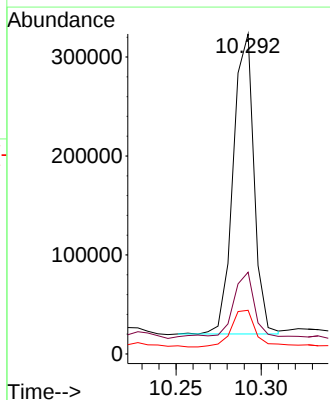
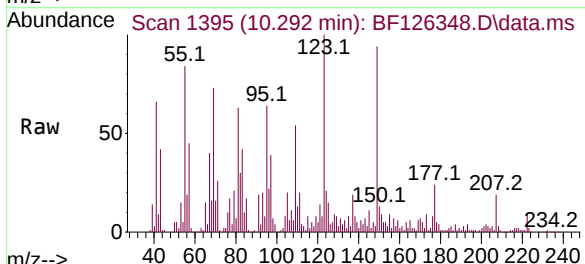
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

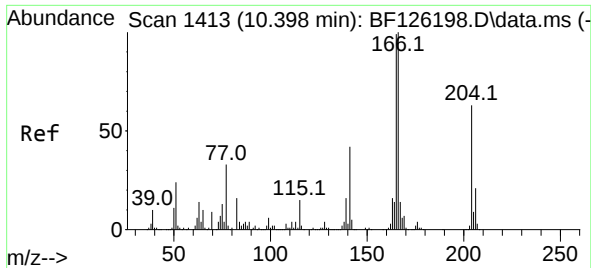
Tgt Ion:232 Resp: 53042
Ion Ratio Lower Upper
232 100
131 94.1 45.4 68.0#
130 45.0 0.0 0.0#
166 32.2 28.5 42.7



#60
Diethylphthalate
Concen: 45.369 ng
RT: 10.292 min Scan# 1395
Delta R.T. 0.012 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:149 Resp: 256716
Ion Ratio Lower Upper
149 100
177 25.6 16.5 24.7#
150 13.6 10.1 15.1

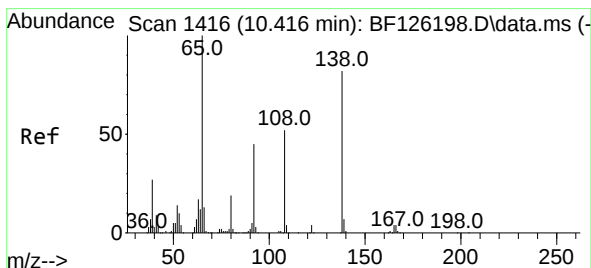
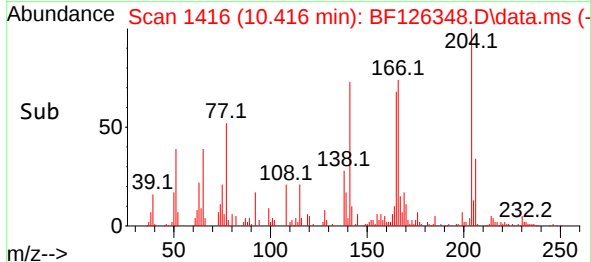
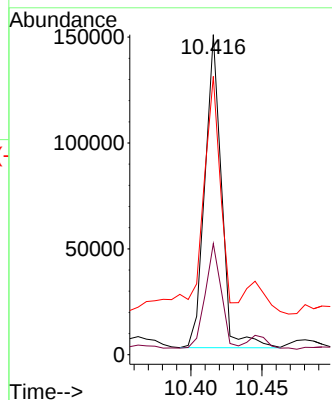
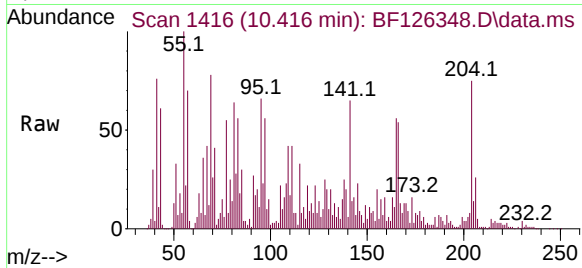




#61
4-Chlorophenyl-phenylether
Concen: 55.462 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.018 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

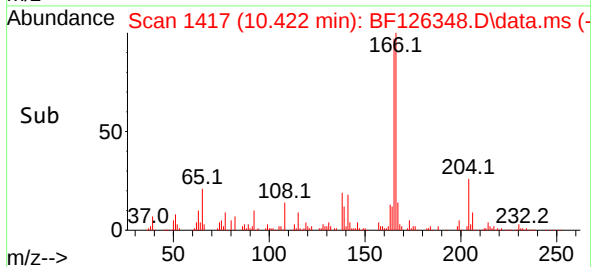
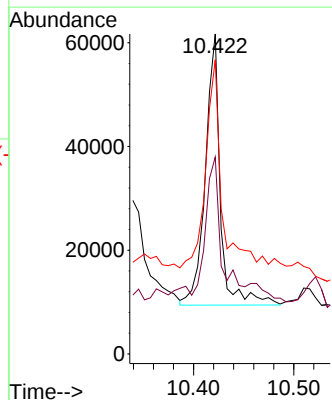
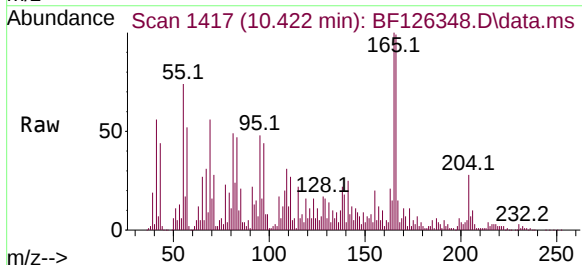
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

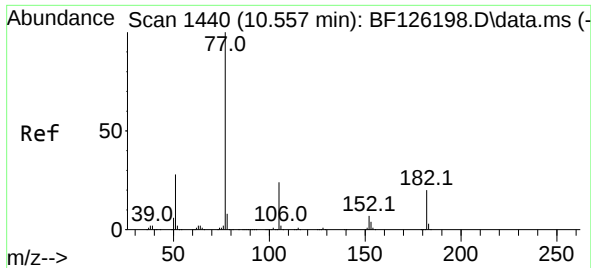
Tgt Ion:204 Resp: 120608
Ion Ratio Lower Upper
204 100
206 34.7 27.6 41.4
141 87.0 58.6 88.0



#62
4-Nitroaniline
Concen: 42.120 ng
RT: 10.422 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:138 Resp: 54731
Ion Ratio Lower Upper
138 100
92 61.5 29.6 69.6
108 91.9 78.1 118.1

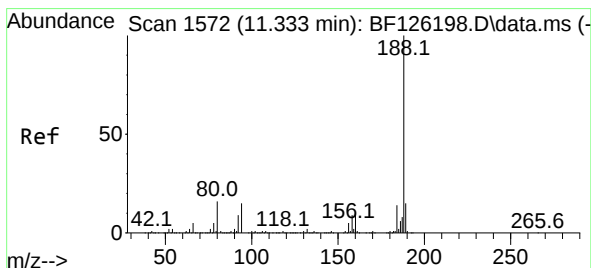
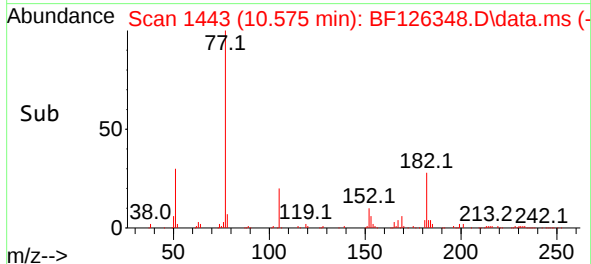
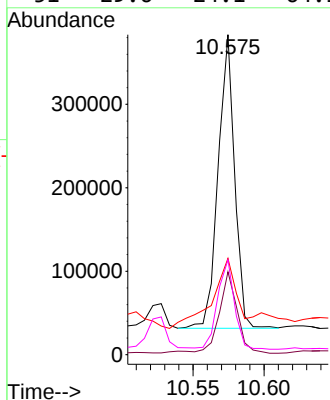
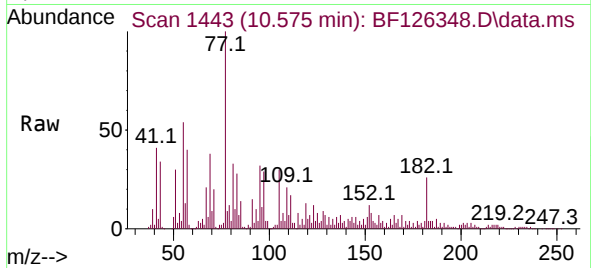




#63
Azobenzene
Concen: 41.390 ng
RT: 10.575 min Scan# 1440
Delta R.T. 0.018 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

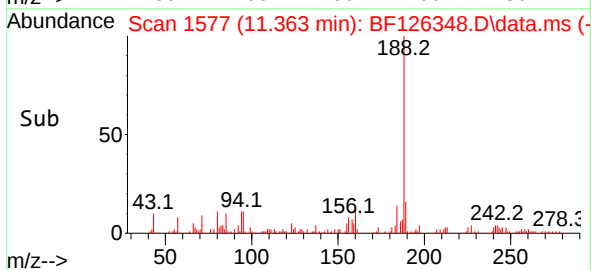
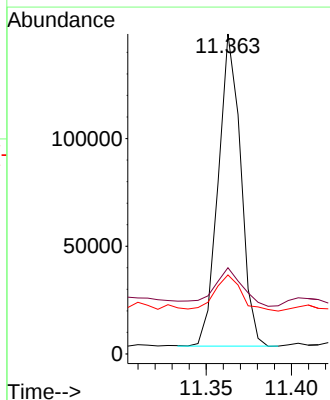
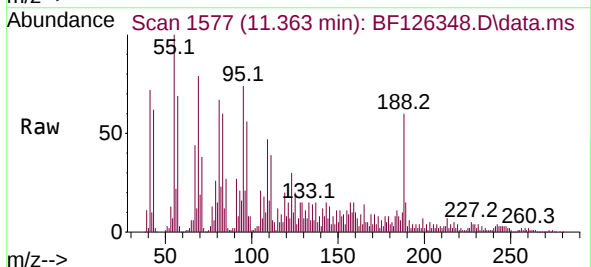
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

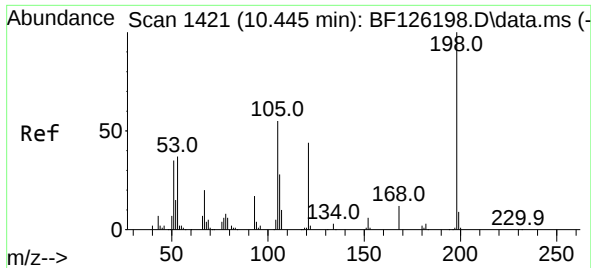
Tgt Ion: 77	Resp: 283672
Ion Ratio	Lower Upper
77 100	
182 25.9	6.3 46.3
105 30.1	2.9 42.9
51 29.6	24.1 64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.363 min Scan# 1577
Delta R.T. 0.024 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:188	Resp:	132620	
Ion Ratio	Lower	Upper	
188	100		
94	27.0	6.7	10.1#
80	24.7	7.5	11.3#

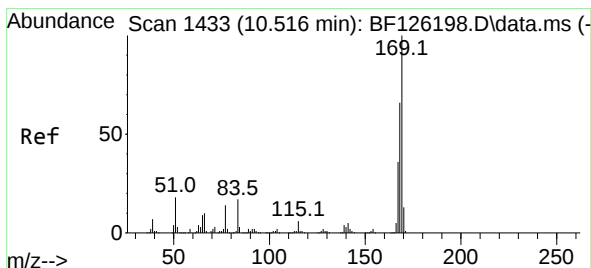
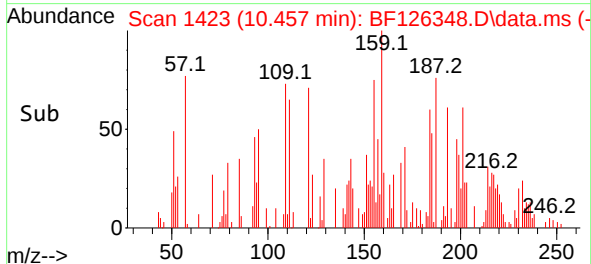
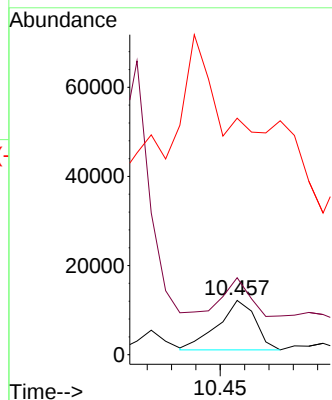
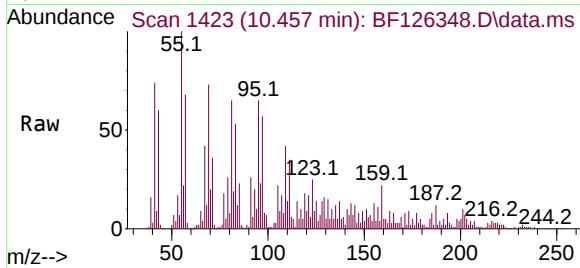




#65
4,6-Dinitro-2-methylphenol
Concen: 16.446 ng
RT: 10.457 min Scan# 1423
Delta R.T. 0.006 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

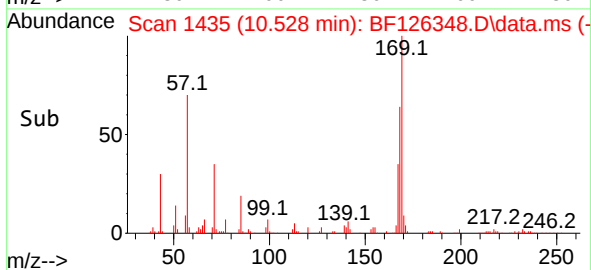
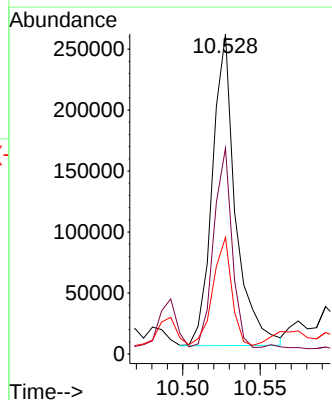
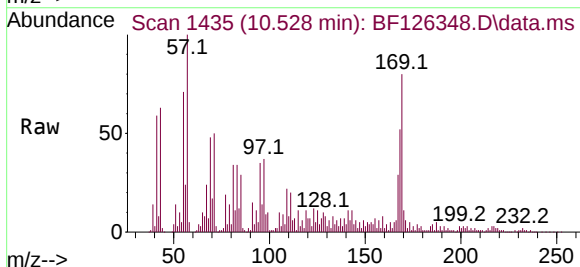
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

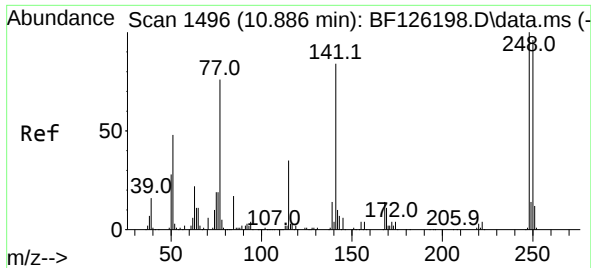
Tgt Ion:198 Resp: 11910
Ion Ratio Lower Upper
198 100
51 141.9 45.3 85.3#
105 435.7 30.6 70.6#



#66
n-Nitrosodiphenylamine
Concen: 62.438 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.012 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:169 Resp: 265752
Ion Ratio Lower Upper
169 100
168 64.3 50.8 76.2
167 36.4 28.8 43.2

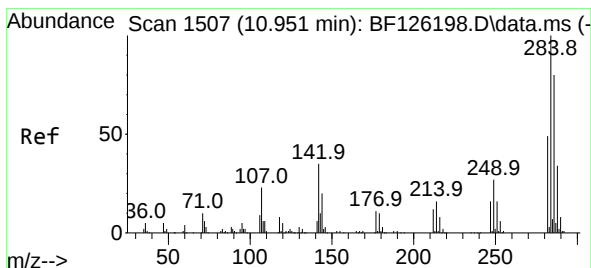
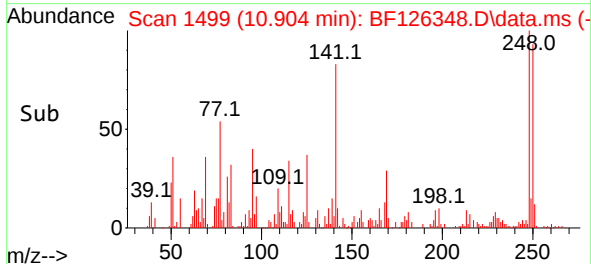
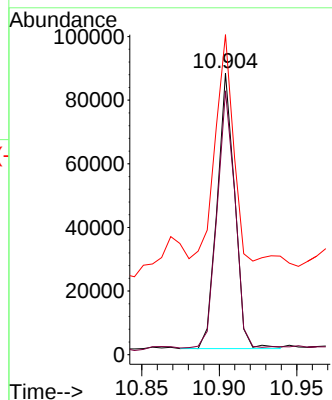
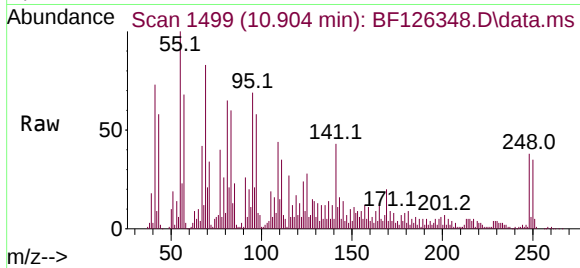




#67
4-Bromophenyl-phenylether
Concen: 54.872 ng
RT: 10.904 min Scan# 1496
Delta R.T. 0.018 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

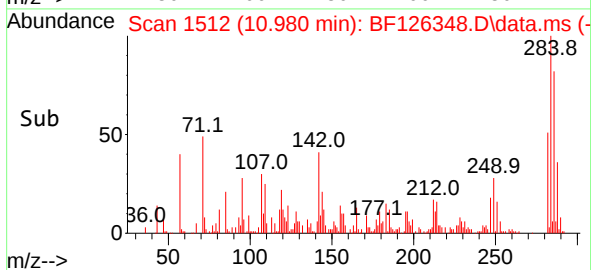
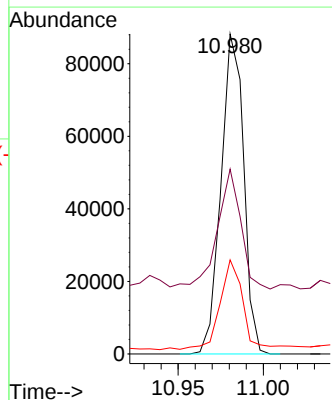
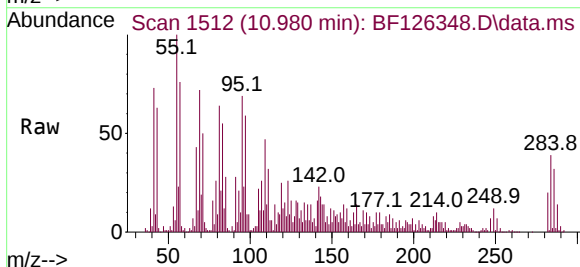
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

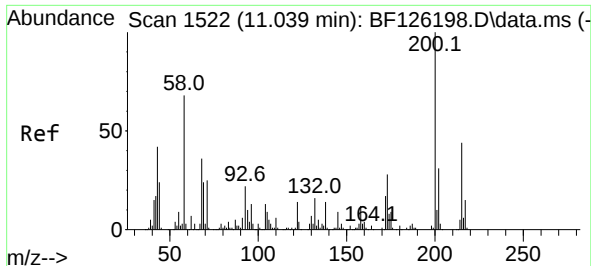
Tgt Ion:248 Resp: 68297
Ion Ratio Lower Upper
248 100
250 93.7 74.2 111.4
141 113.7 60.4 90.6#



#68
Hexachlorobenzene
Concen: 57.007 ng
RT: 10.980 min Scan# 1512
Delta R.T. 0.030 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:284 Resp: 81605
Ion Ratio Lower Upper
284 100
142 57.7 36.4 54.6#
249 29.4 25.6 38.4

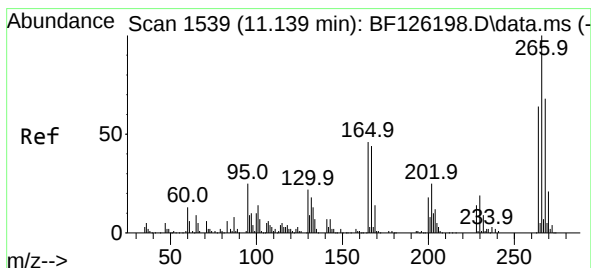
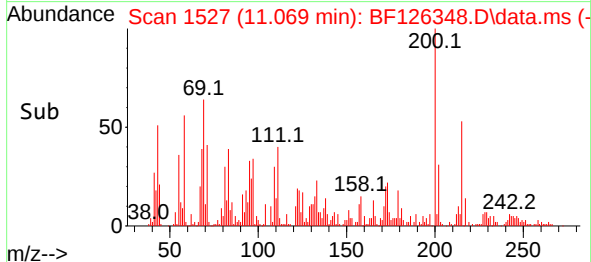
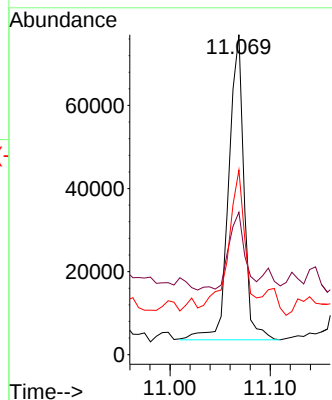
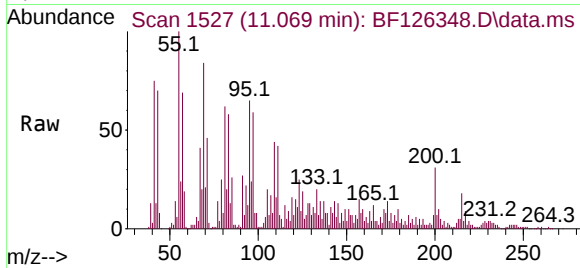




#69
Atrazine
Concen: 100.099 ng
RT: 11.069 min Scan# 11
Delta R.T. 0.030 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

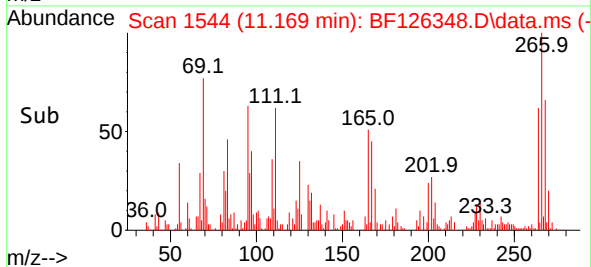
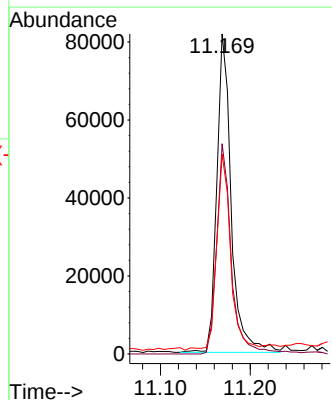
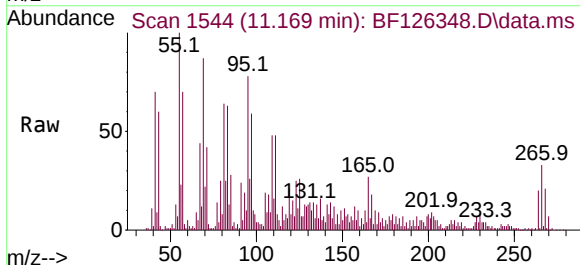
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

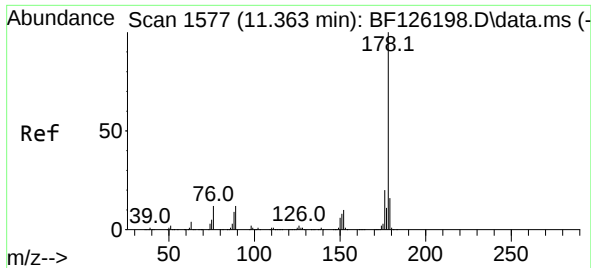
Tgt Ion:200 Resp: 78076
Ion Ratio Lower Upper
200 100
173 44.5 11.1 51.1
215 57.7 22.7 62.7



#70
Pentachlorophenol
Concen: 114.824 ng
RT: 11.169 min Scan# 1544
Delta R.T. 0.024 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:266 Resp: 91189
Ion Ratio Lower Upper
266 100
268 65.7 48.9 73.3
264 62.5 55.9 83.9

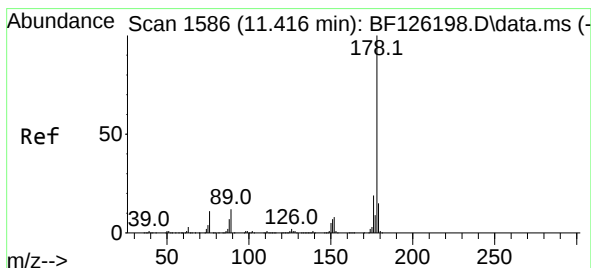
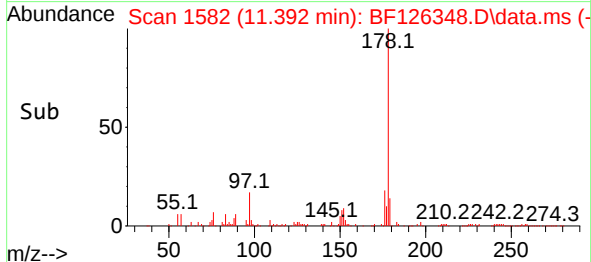
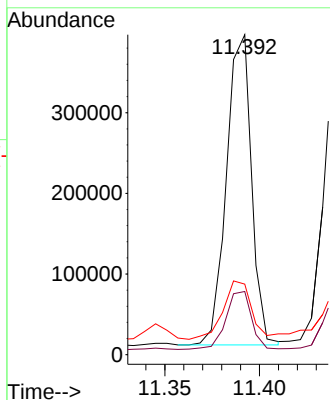
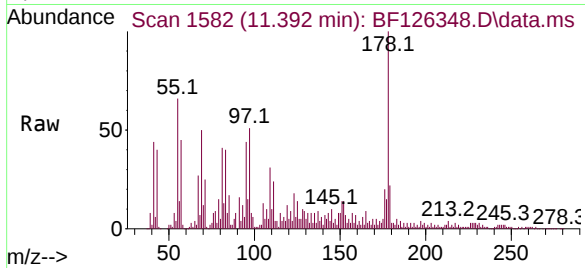




#71
Phenanthrene
Concen: 51.638 ng
RT: 11.392 min Scan# 1590
Delta R.T. 0.030 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

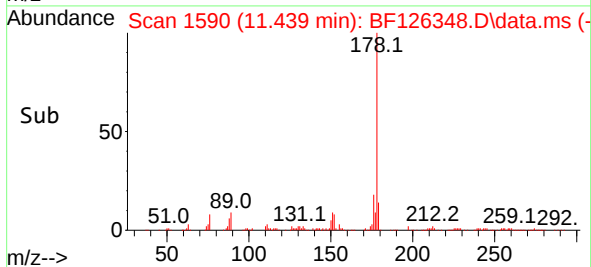
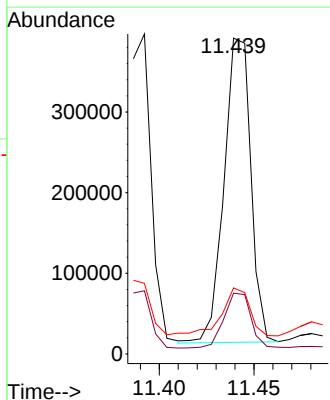
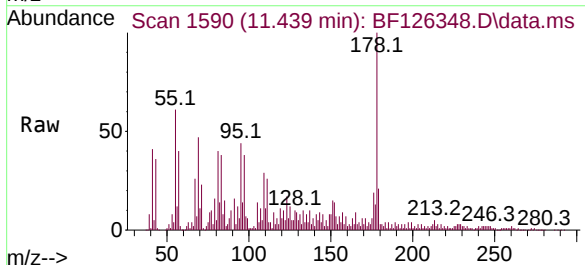
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

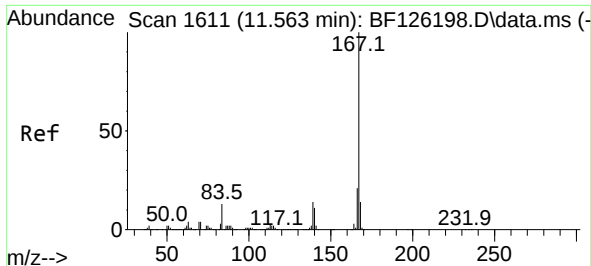
Tgt Ion:178 Resp: 353461
Ion Ratio Lower Upper
178 100
176 19.8 14.7 22.1
179 22.1 11.5 17.3#



#72
Anthracene
Concen: 53.943 ng
RT: 11.439 min Scan# 1590
Delta R.T. 0.024 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:178 Resp: 370604
Ion Ratio Lower Upper
178 100
176 19.3 14.3 21.5
179 20.9 12.2 18.4#

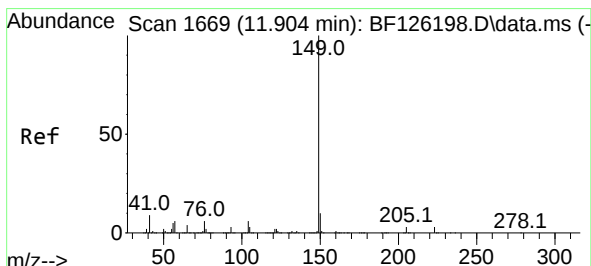
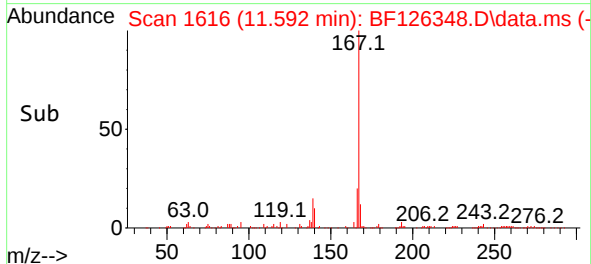
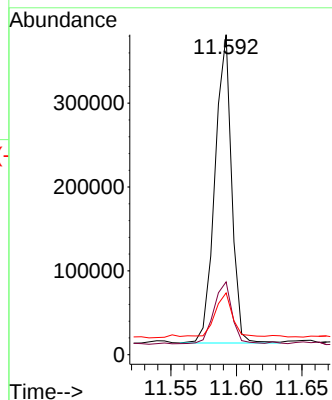
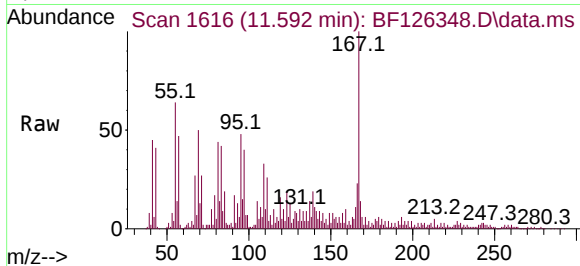




#73
 Carbazole
 Concen: 50.087 ng
 RT: 11.592 min Scan# 1616
 Delta R.T. 0.024 min
 Lab File: BF126348.D
 Acq: 23 Dec 2021 17:12

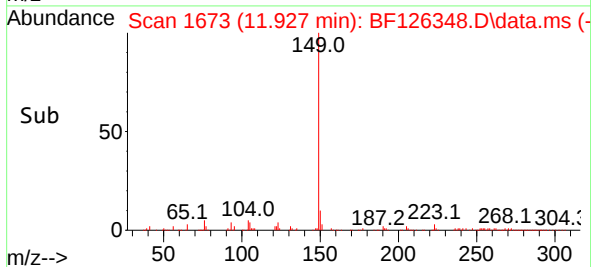
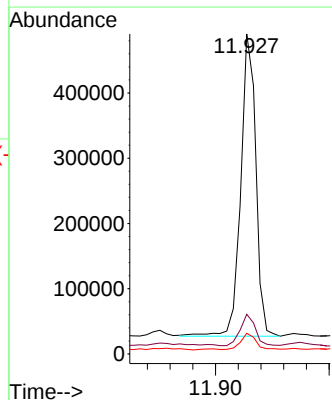
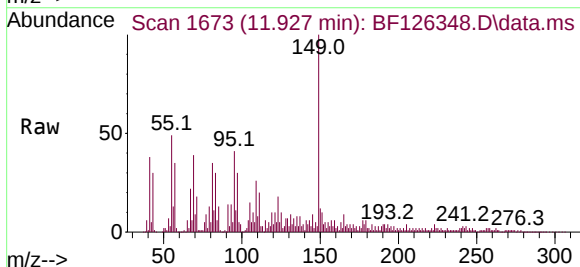
Instrument :
 BNA_F
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MS

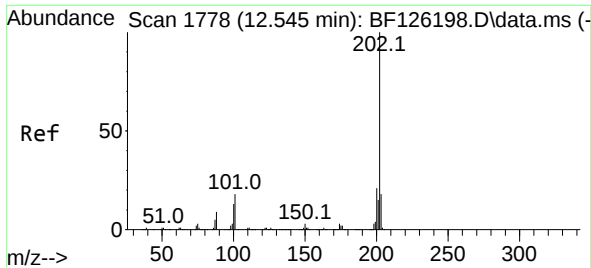
Tgt Ion:167 Resp: 324069
 Ion Ratio Lower Upper
 167 100
 166 22.8 17.4 26.0
 139 19.3 11.0 16.4#



#74
 Di-n-butylphthalate
 Concen: 52.131 ng
 RT: 11.927 min Scan# 1673
 Delta R.T. 0.024 min
 Lab File: BF126348.D
 Acq: 23 Dec 2021 17:12

Tgt Ion:149 Resp: 427583
 Ion Ratio Lower Upper
 149 100
 150 12.4 7.4 11.2#
 104 6.4 4.1 6.1#

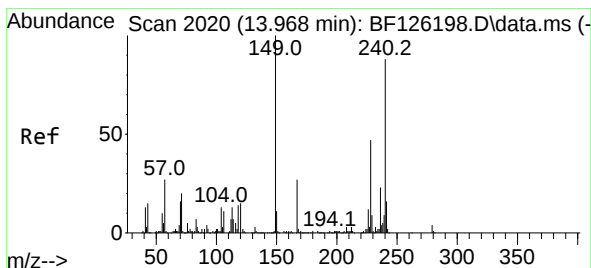
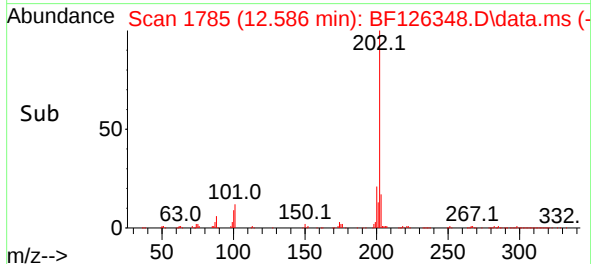
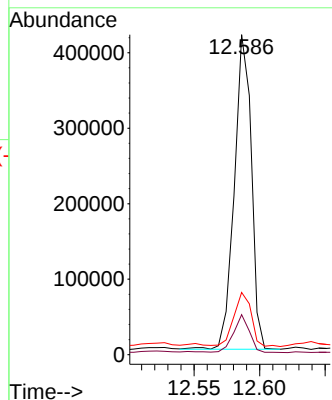
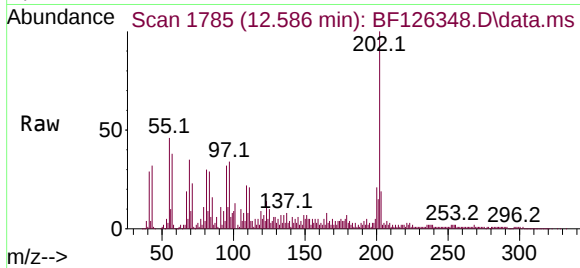




#75
Fluoranthene
Concen: 61.044 ng
RT: 12.586 min Scan# 11
Delta R.T. 0.035 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

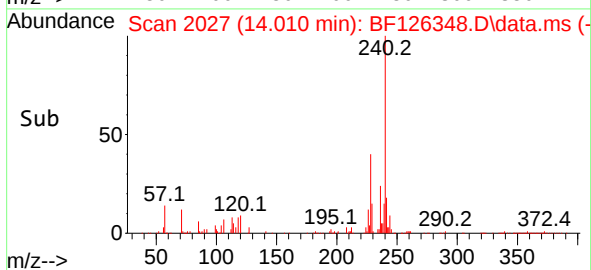
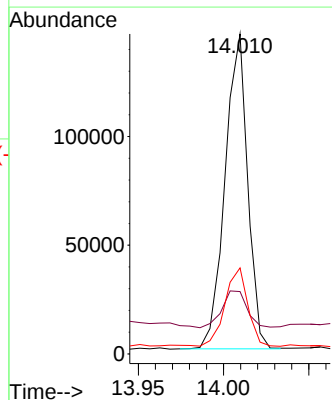
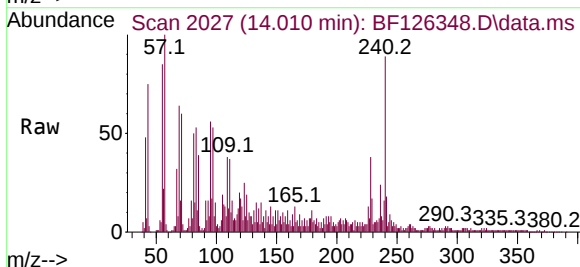
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

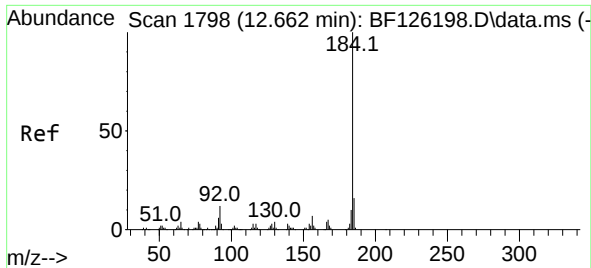
Tgt Ion:202 Resp: 376468
Ion Ratio Lower Upper
202 100
101 12.5 0.0 30.7
203 19.4 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.010 min Scan# 2027
Delta R.T. 0.030 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:240 Resp: 133704
Ion Ratio Lower Upper
240 100
120 19.5 10.8 16.2#
236 26.9 21.6 32.4

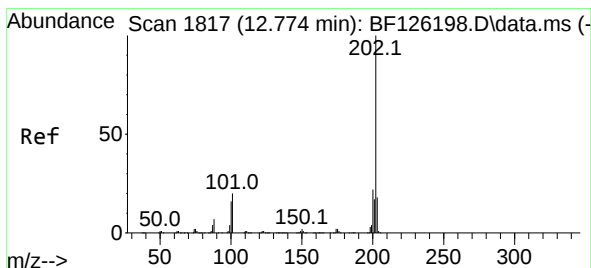
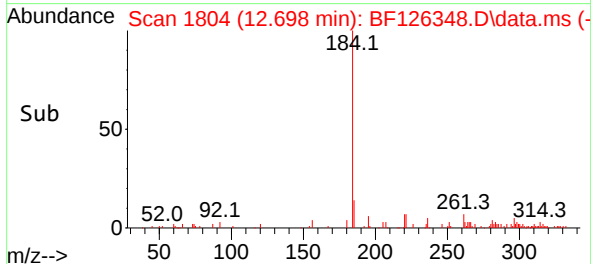
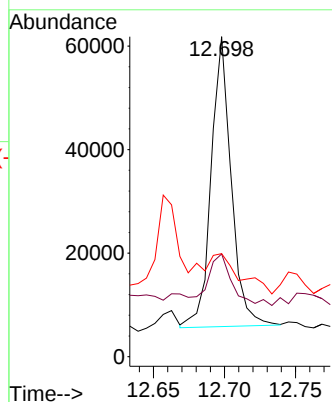
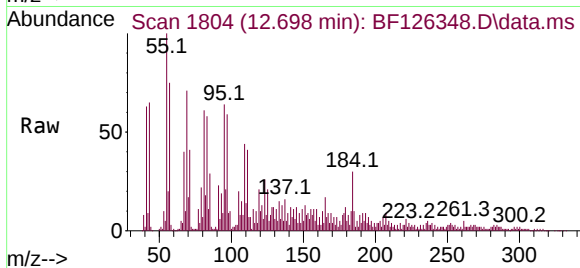




#77
Benzidine
Concen: 26.094 ng
RT: 12.698 min Scan# 1804
Delta R.T. 0.024 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

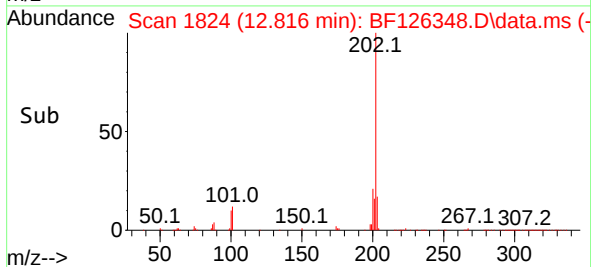
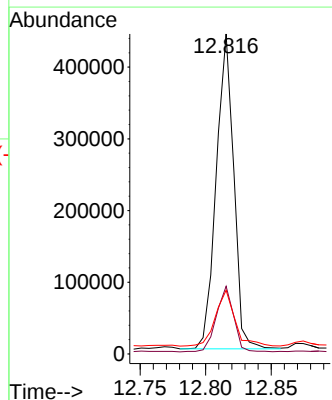
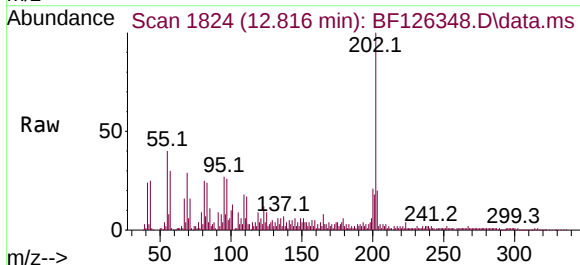
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

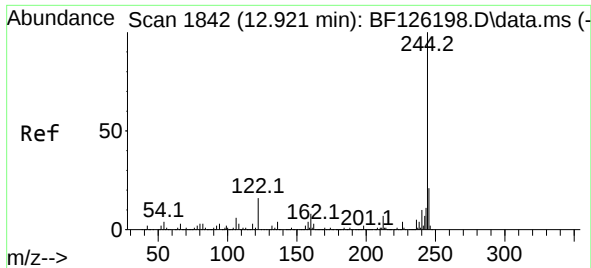
Tgt Ion:184 Resp: 55004
Ion Ratio Lower Upper
184 100
185 32.1 10.8 16.2#
183 32.2 8.1 12.1#



#78
Pyrene
Concen: 33.137 ng
RT: 12.816 min Scan# 1824
Delta R.T. 0.035 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:202 Resp: 407048
Ion Ratio Lower Upper
202 100
200 21.1 15.3 22.9
203 19.9 13.4 20.0

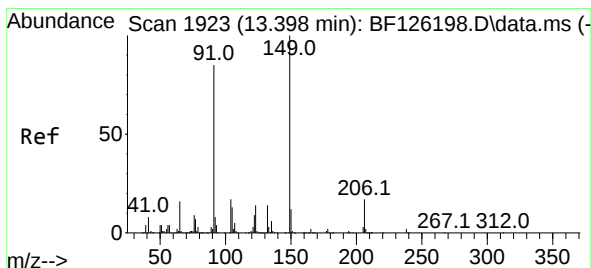
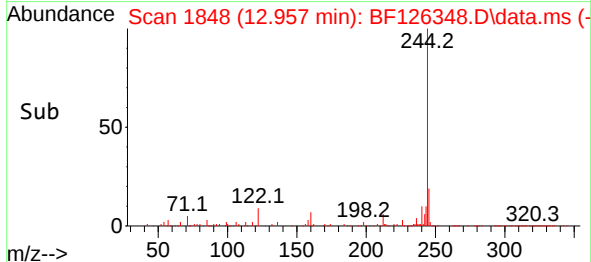
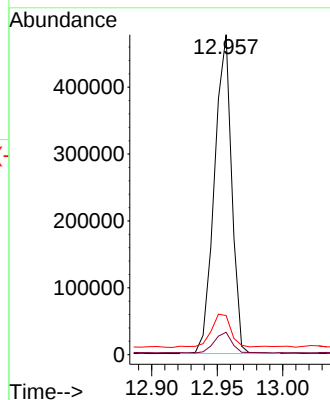
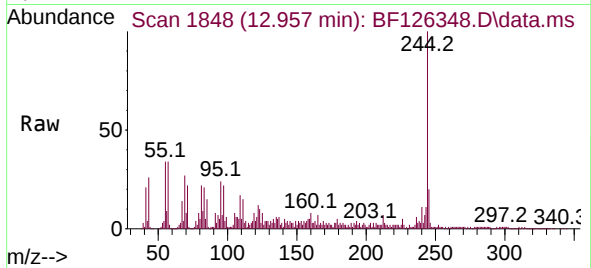




#79
 Terphenyl-d14
 Concen: 56.532 ng
 RT: 12.957 min Scan# 1848
 Delta R.T. 0.030 min
 Lab File: BF126348.D
 Acq: 23 Dec 2021 17:12

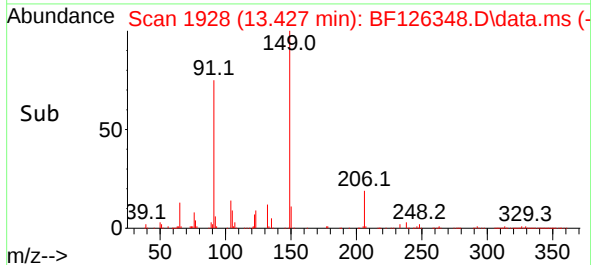
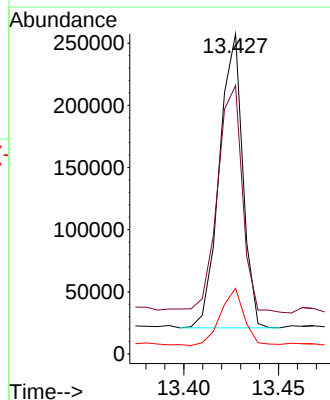
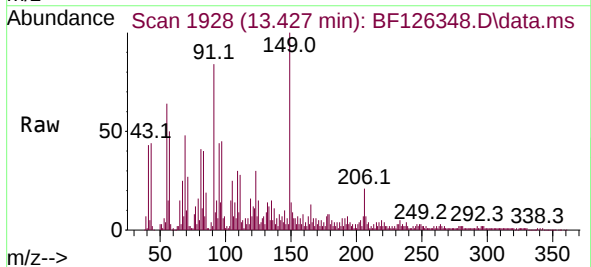
Instrument :
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 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MS

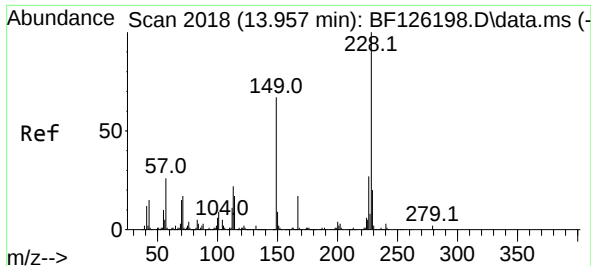
Tgt Ion:244 Resp: 434869
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.9 8.9
 122 12.3 9.0 13.4



#80
 Butylbenzylphthalate
 Concen: 35.067 ng
 RT: 13.427 min Scan# 1928
 Delta R.T. 0.024 min
 Lab File: BF126348.D
 Acq: 23 Dec 2021 17:12

Tgt Ion:149 Resp: 202705
 Ion Ratio Lower Upper
 149 100
 91 83.9 51.8 77.8#
 206 20.5 14.5 21.7

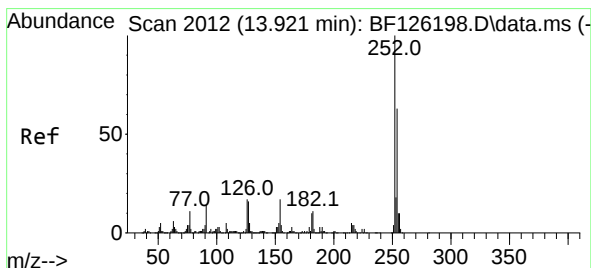
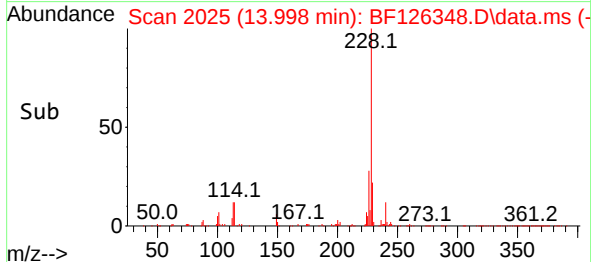
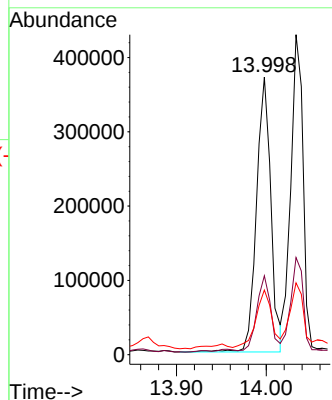
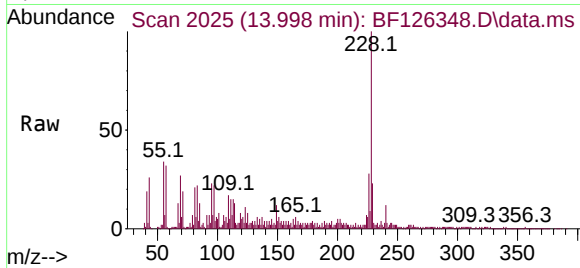




#81
Benzo(a)anthracene
Concen: 51.975 ng
RT: 13.998 min Scan# 2018
Delta R.T. 0.030 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

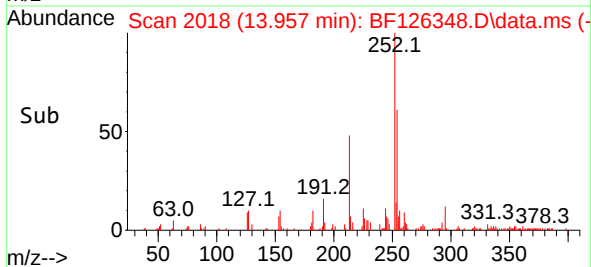
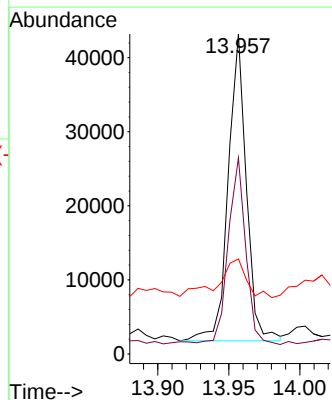
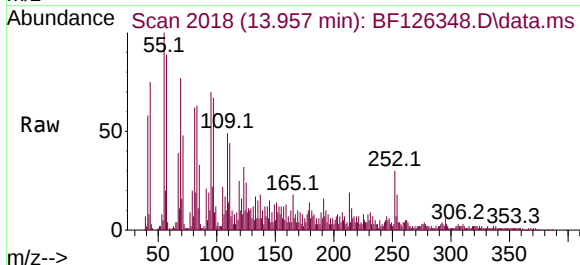
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

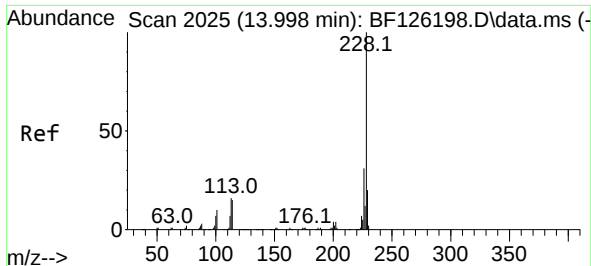
Tgt Ion:228 Resp: 411640
Ion Ratio Lower Upper
228 100
226 28.4 21.6 32.4
229 23.3 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 10.150 ng
RT: 13.957 min Scan# 2018
Delta R.T. 0.024 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:252 Resp: 36725
Ion Ratio Lower Upper
252 100
254 61.3 51.4 77.0
126 29.7 9.5 14.3#

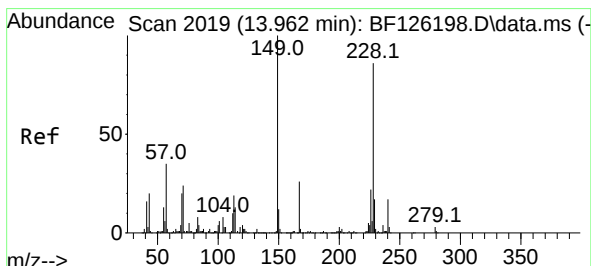
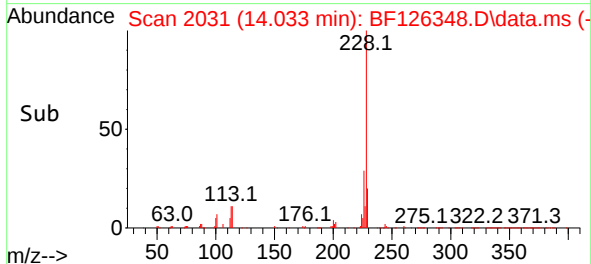
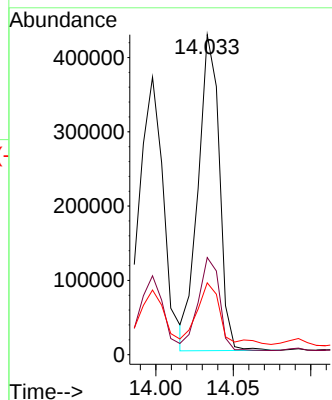
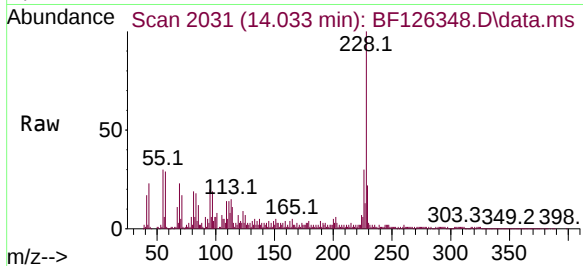




#83
Chrysene
Concen: 49.152 ng
RT: 14.033 min Scan# 20
Delta R.T. 0.030 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

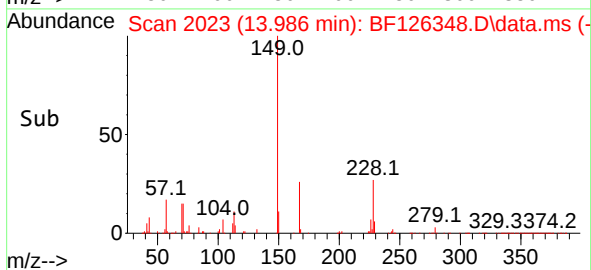
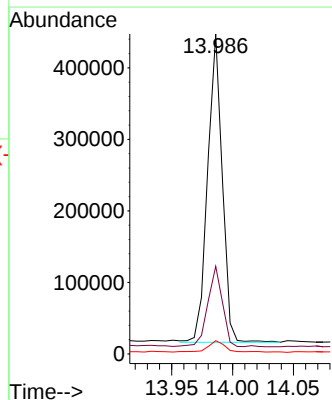
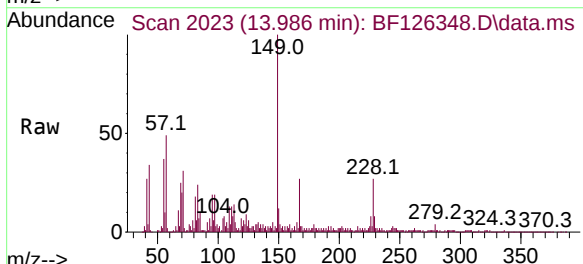
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

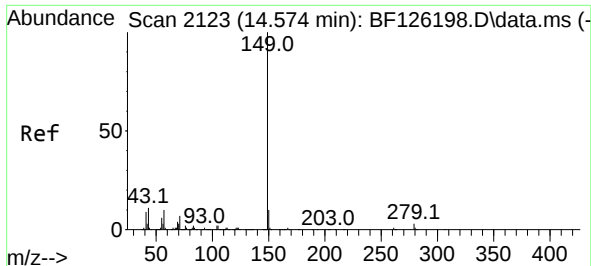
Tgt Ion:228 Resp: 404459
Ion Ratio Lower Upper
228 100
226 30.4 22.6 34.0
229 22.5 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 55.699 ng
RT: 13.986 min Scan# 2023
Delta R.T. 0.024 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:149 Resp: 359784
Ion Ratio Lower Upper
149 100
167 27.4 21.4 32.0
279 4.2 2.6 4.0#

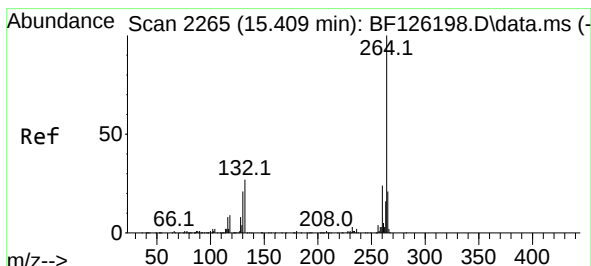
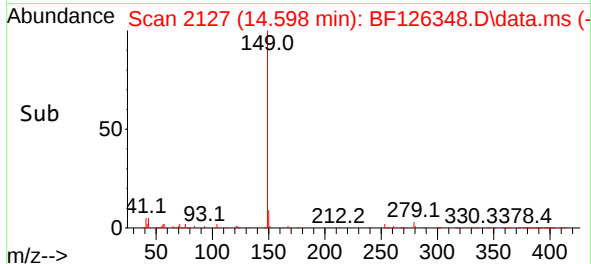
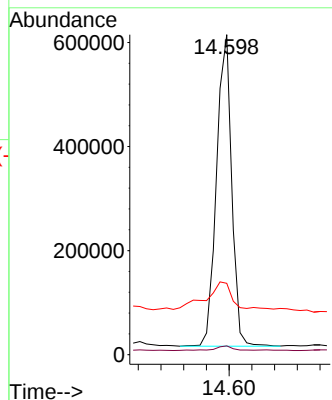
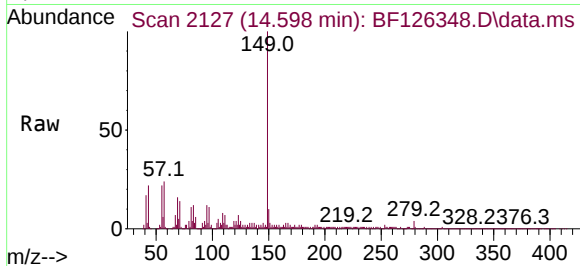




#85
Di-n-octyl phthalate
Concen: 48.259 ng
RT: 14.598 min Scan# 2127
Delta R.T. 0.024 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

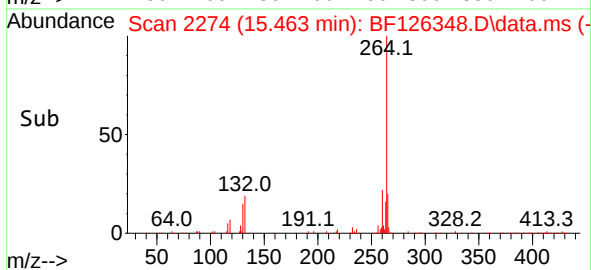
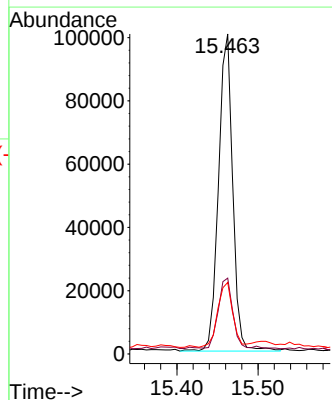
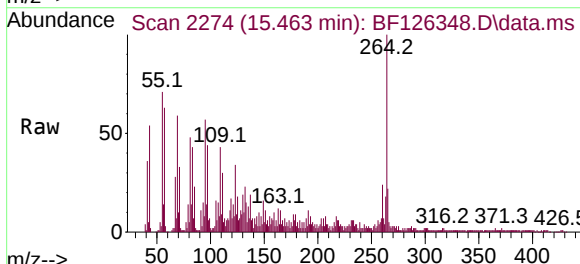
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

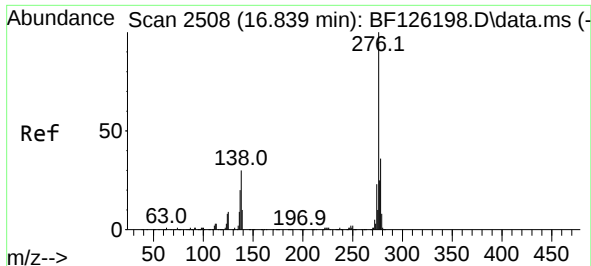
Tgt Ion:149 Resp: 555699
Ion Ratio Lower Upper
149 100
167 1.7 1.0 1.6#
43 14.2 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.463 min Scan# 2274
Delta R.T. 0.035 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:264 Resp: 122271
Ion Ratio Lower Upper
264 100
260 23.7 19.6 29.4
265 22.4 17.2 25.8

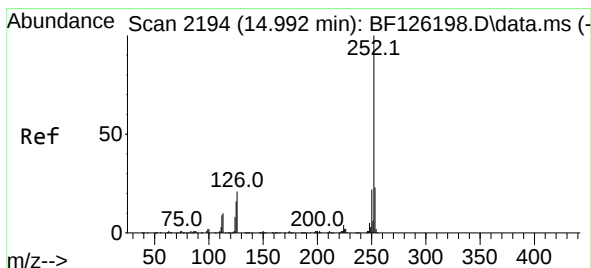
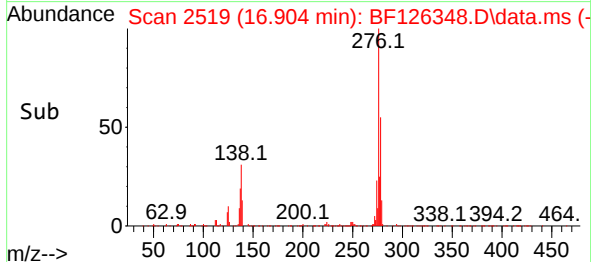
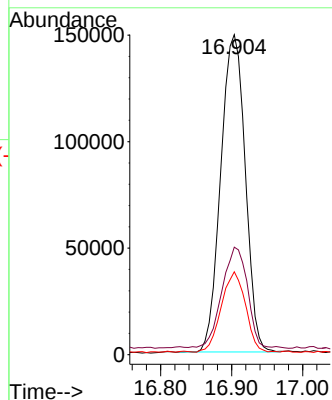
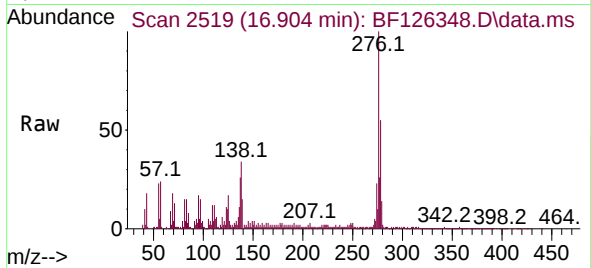




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.734 ng
 RT: 16.904 min Scan# 21
 Delta R.T. 0.041 min
 Lab File: BF126348.D
 Acq: 23 Dec 2021 17:12

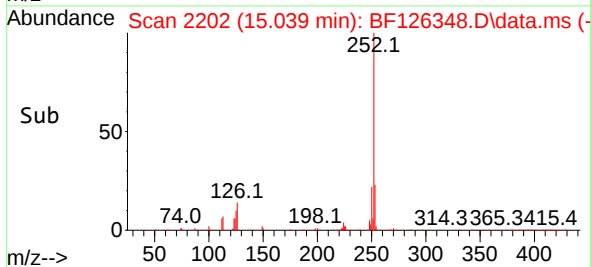
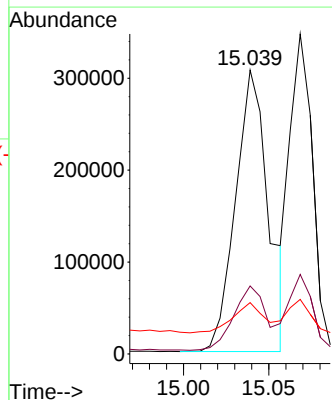
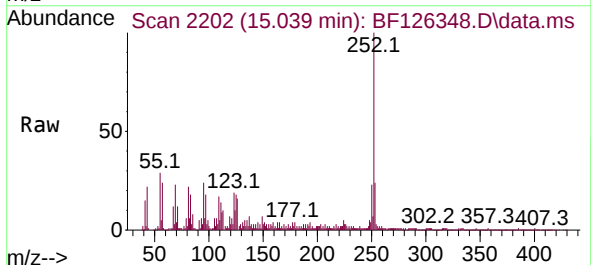
Instrument :
 BNA_F
 ClientSampleId :
 DB-4-(7.5-8)-12-8-21MS

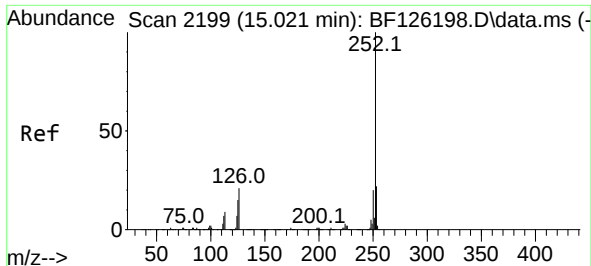
Tgt Ion:276 Resp: 356682
 Ion Ratio Lower Upper
 276 100
 138 32.5 24.1 36.1
 277 25.0 18.8 28.2



#88
 Benzo(b)fluoranthene
 Concen: 55.983 ng
 RT: 15.039 min Scan# 2202
 Delta R.T. 0.035 min
 Lab File: BF126348.D
 Acq: 23 Dec 2021 17:12

Tgt Ion:252 Resp: 411293
 Ion Ratio Lower Upper
 252 100
 253 24.0 16.8 25.2
 125 18.1 9.8 14.8#

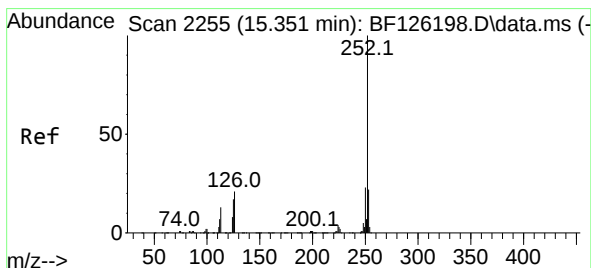
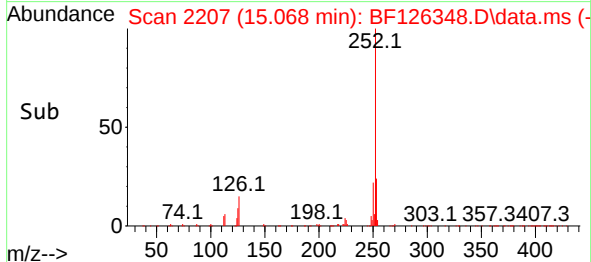
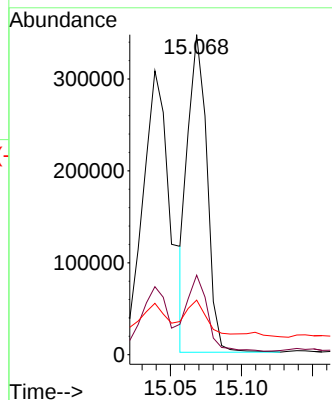
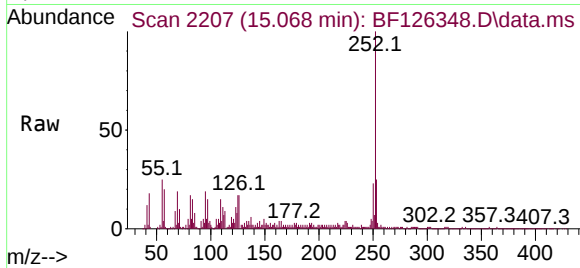




#89
Benzo(k)fluoranthene
Concen: 45.898 ng
RT: 15.068 min Scan# 2199
Delta R.T. 0.035 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

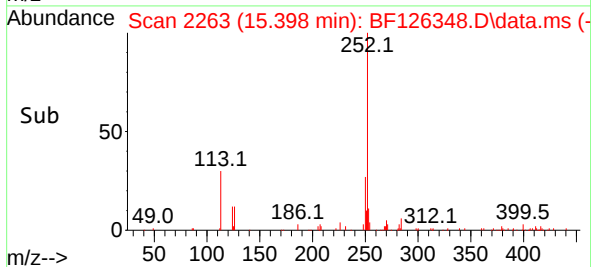
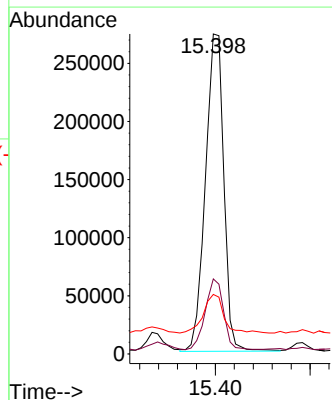
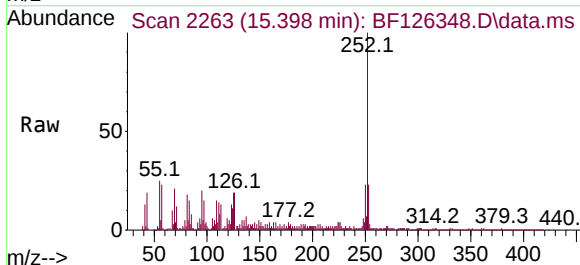
Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

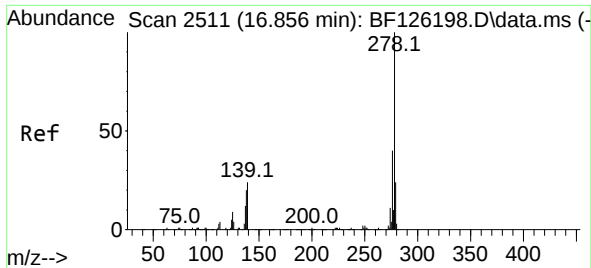
Tgt Ion:252 Resp: 322572
Ion Ratio Lower Upper
252 100
253 24.8 17.8 26.8
125 17.1 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 60.209 ng
RT: 15.398 min Scan# 2263
Delta R.T. 0.035 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:252 Resp: 367637
Ion Ratio Lower Upper
252 100
253 23.4 18.4 27.6
125 18.6 9.9 14.9#

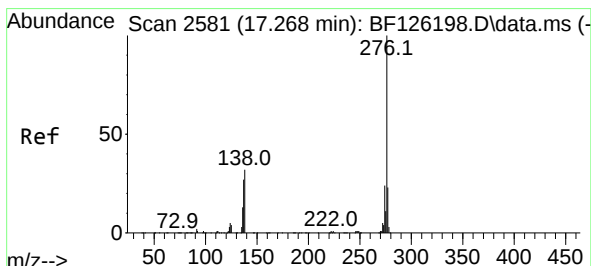
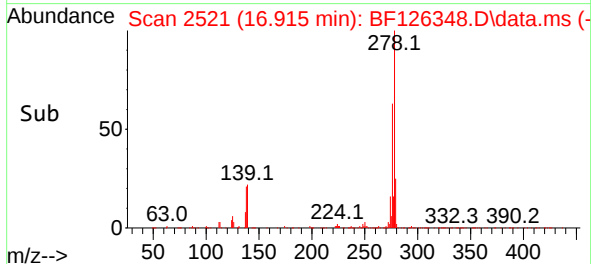
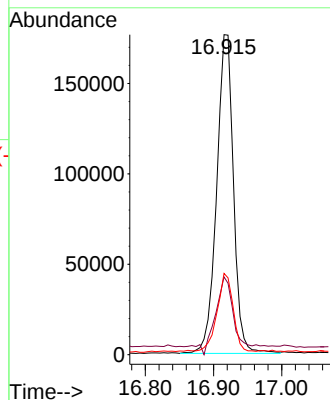
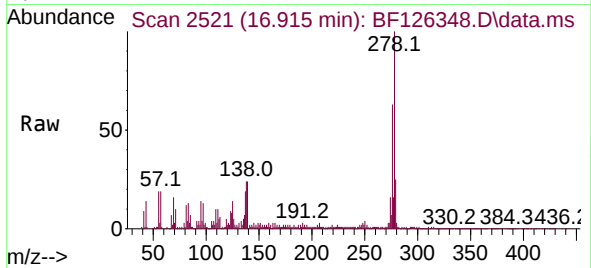




#91
Dibenzo(a,h)anthracene
Concen: 45.838 ng
RT: 16.915 min Scan# 2521
Delta R.T. 0.035 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Instrument :
BNA_F
ClientSampleId :
DB-4-(7.5-8)-12-8-21MS

Tgt Ion:278 Resp: 303895
Ion Ratio Lower Upper
278 100
139 24.3 14.9 22.3#
279 25.4 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 46.021 ng
RT: 17.333 min Scan# 2592
Delta R.T. 0.035 min
Lab File: BF126348.D
Acq: 23 Dec 2021 17:12

Tgt Ion:276 Resp: 315677
Ion Ratio Lower Upper
276 100
277 24.2 22.0 33.0
138 30.8 22.2 33.4

