

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF122021\
 Data File : BF126271.D
 Acq On : 20 Dec 2021 11:21
 Operator : JU/CG
 Sample : PB141443BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB141443BS

Quant Time: Dec 20 14:09:29 2021
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF121521.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Dec 16 12:22:48 2021
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.816	152	187539	20.000	ng	0.00
21) Naphthalene-d8	8.098	136	800630	20.000	ng	# 0.00
39) Acenaphthene-d10	9.857	164	358398	20.000	ng	0.00
64) Phenanthrene-d10	11.339	188	535849	20.000	ng	# 0.00
76) Chrysene-d12	13.974	240	290213	20.000	ng	# 0.00
86) Perylene-d12	15.421	264	318920	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.439	112	1375174	107.986	ng	0.02
7) Phenol-d6	6.451	99	1728370	106.888	ng	0.00
23) Nitrobenzene-d5	7.380	82	1135306	76.799	ng	0.00
42) 2,4,6-Tribromophenol	10.645	330	320082	111.130	ng	0.00
45) 2-Fluorobiphenyl	9.180	172	1495270	73.174	ng	0.00
79) Terphenyl-d14	12.927	244	1183352	70.872	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.610	88	203259	32.698	ng	# 100
3) Pyridine	3.340	79	486331	29.460	ng	# 78
4) n-Nitrosodimethylamine	3.287	42	273608	43.124	ng	# 5
6) Aniline	6.481	93	815049	39.682	ng	96
8) 2-Chlorophenol	6.604	128	587349	45.481	ng	90
9) Benzaldehyde	6.363	77	334910	34.323	ng	94
10) Phenol	6.463	94	760158	41.880	ng	91
11) bis(2-Chloroethyl)ether	6.557	93	625333	44.384	ng	99
12) 1,3-Dichlorobenzene	6.757	146	555315	42.628	ng	97
13) 1,4-Dichlorobenzene	6.833	146	561307	42.668	ng	93
14) 1,2-Dichlorobenzene	6.986	146	543827	44.710	ng	95
15) Benzyl Alcohol	6.963	79	496656	42.074	ng	92
16) 2,2'-oxybis(1-Chloropr...	7.098	45	1010770	43.839	ng	94
17) 2-Methylphenol	7.069	107	486131	42.970	ng	97
18) Hexachloroethane	7.333	117	228154	44.091	ng	96
19) n-Nitroso-di-n-propyla...	7.233	70	404861	40.785	ng	# 72
20) 3+4-Methylphenols	7.222	107	534723	39.981	ng	# 86
22) Acetophenone	7.228	105	736152	39.952	ng	94
24) Nitrobenzene	7.398	77	639392	43.327	ng	90
25) Isophorone	7.639	82	1162017	41.625	ng	# 87
26) 2-Nitrophenol	7.716	139	294816	44.316	ng	# 82
27) 2,4-Dimethylphenol	7.757	122	508833	45.038	ng	97
28) bis(2-Chloroethoxy)met...	7.851	93	759875	41.401	ng	# 97
29) 2,4-Dichlorophenol	7.957	162	418946	41.717	ng	93
30) 1,2,4-Trichlorobenzene	8.039	180	432202	41.607	ng	98
31) Naphthalene	8.122	128	1582567	42.267	ng	98
32) Benzoic acid	7.875	122	333485	34.263	ng	91
33) 4-Chloroaniline	8.169	127	478019	30.577	ng	97
34) Hexachlorobutadiene	8.245	225	211241	41.406	ng	99
35) Caprolactam	8.539	113	117623	47.128	ng	88
36) 4-Chloro-3-methylphenol	8.651	107	493490	41.658	ng	89
37) 2-Methylnaphthalene	8.816	142	988515	42.870	ng	99
38) 1-Methylnaphthalene	8.916	142	918734	41.057	ng	96
40) 1,2,4,5-Tetrachloroben...	8.980	216	313785	40.566	ng	# 95
41) Hexachlorocyclopentadiene	8.974	237	396611	89.538	ng	92
43) 2,4,6-Trichlorophenol	9.092	196	252962	41.572	ng	94

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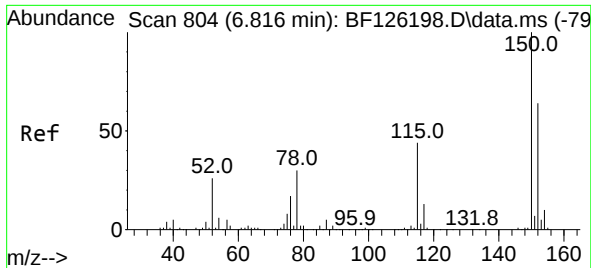
Quant Time: Dec 20 14:09:29 2021
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.127	196	257131	40.806	ng	# 92
46) 1,1'-Biphenyl	9.280	154	1095280	41.331	ng	97
47) 2-Chloronaphthalene	9.304	162	842966	42.279	ng	98
48) 2-Nitroaniline	9.398	65	315041	43.290	ng	93
49) Acenaphthylene	9.722	152	1308358	42.944	ng	98
50) Dimethylphthalate	9.580	163	950098	41.849	ng	97
51) 2,6-Dinitrotoluene	9.639	165	213184	43.384	ng	# 83
52) Acenaphthene	9.892	154	892283	45.161	ng	99
53) 3-Nitroaniline	9.804	138	191464	30.655	ng	# 73
54) 2,4-Dinitrophenol	9.910	184	177640	87.797	ng	# 80
55) Dibenzofuran	10.063	168	1110399	41.279	ng	98
56) 4-Nitrophenol	9.969	139	362788	80.415	ng	# 81
57) 2,4-Dinitrotoluene	10.039	165	279501	44.590	ng	# 88
58) Fluorene	10.404	166	766604	39.365	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.180	232	192566	41.216	ng	# 98
60) Diethylphthalate	10.280	149	935396	40.999	ng	98
61) 4-Chlorophenyl-phenyle...	10.398	204	342461	39.057	ng	93
62) 4-Nitroaniline	10.421	138	219607	41.915	ng	# 72
63) Azobenzene	10.557	77	1132443	40.980	ng	84
65) 4,6-Dinitro-2-methylph...	10.451	198	116579	39.842	ng	88
66) n-Nitrosodiphenylamine	10.516	169	732398	42.588	ng	97
67) 4-Bromophenyl-phenylether	10.886	248	215703	42.891	ng	89
68) Hexachlorobenzene	10.951	284	252017	43.572	ng	91
69) Atrazine	11.045	200	218553	69.348	ng	95
70) Pentachlorophenol	11.145	266	246983	76.970	ng	92
71) Phenanthrene	11.363	178	1167597	42.217	ng	98
72) Anthracene	11.416	178	1205383	43.422	ng	99
73) Carbazole	11.568	167	1052223	40.250	ng	99
74) Di-n-butylphthalate	11.904	149	1369585	41.327	ng	99
75) Fluoranthene	12.551	202	1036825	41.609	ng	91
77) Benzidine	12.668	184	443892	97.018	ng	98
78) Pyrene	12.780	202	1061616	39.817	ng	96
80) Butylbenzylphthalate	13.398	149	508371	40.518	ng	# 78
81) Benzo(a)anthracene	13.962	228	691556	40.229	ng	99
82) 3,3'-Dichlorobenzidine	13.927	252	239735	30.525	ng	# 96
83) Chrysene	14.004	228	758030	42.440	ng	98
84) Bis(2-ethylhexyl)phtha...	13.962	149	583841	41.642	ng	99
85) Di-n-octyl phthalate	14.574	149	1191938	47.689	ng	98
87) Indeno(1,2,3-cd)pyrene	16.856	276	1011073	47.530	ng	93
88) Benzo(b)fluoranthene	15.004	252	839549	43.812	ng	96
89) Benzo(k)fluoranthene	15.033	252	823424	44.919	ng	# 94
90) Benzo(a)pyrene	15.362	252	835907	52.486	ng	# 96
91) Dibenzo(a,h)anthracene	16.874	278	841750	48.677	ng	# 95
92) Benzo(g,h,i)perylene	17.286	276	882078	49.301	ng	# 92

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

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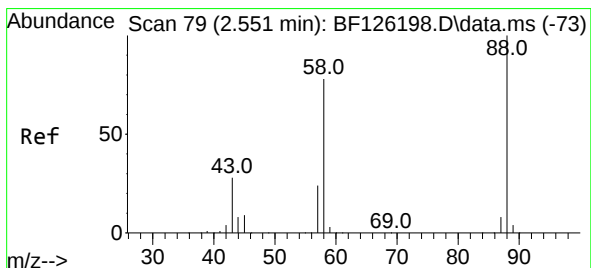
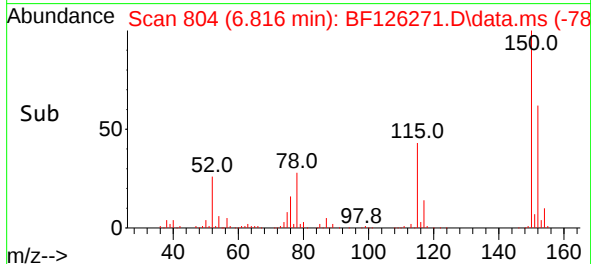
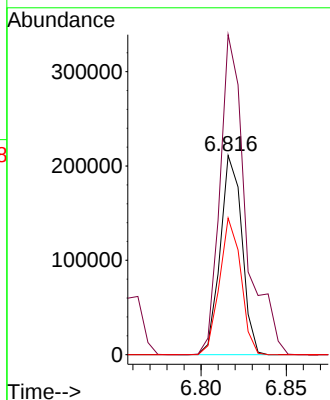
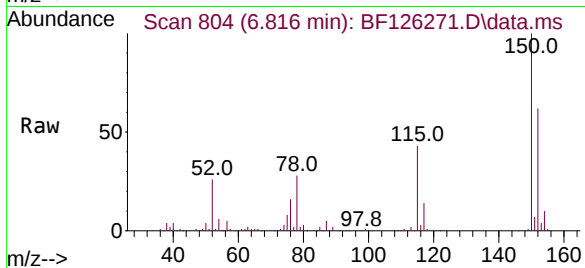




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.816 min Scan# 80
 Delta R.T. -0.000 min
 Lab File: BF126271.D
 Acq: 20 Dec 2021 11:21

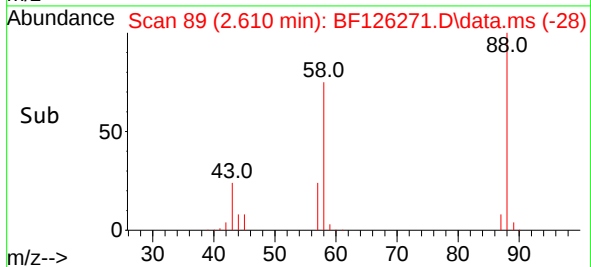
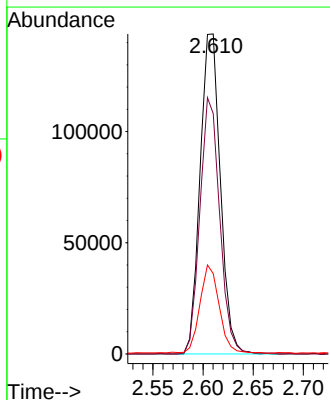
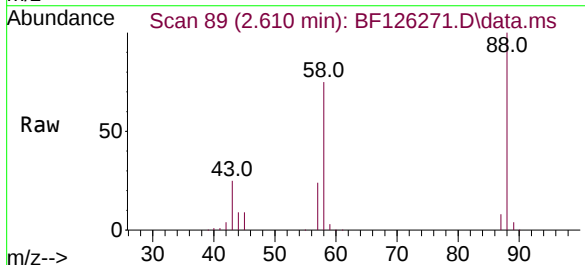
Instrument :
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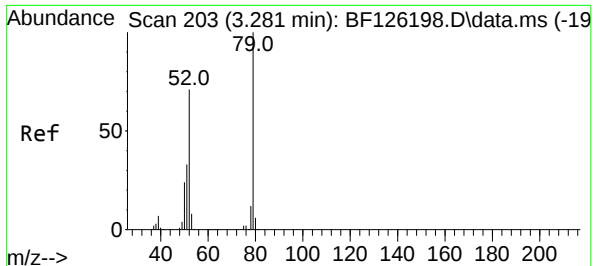
Tgt Ion:152 Resp: 187539
 Ion Ratio Lower Upper
 152 100
 150 160.7 117.6 176.4
 115 68.6 47.1 70.7



#2
 1,4-Dioxane
 Concen: 32.698 ng
 RT: 2.610 min Scan# 89
 Delta R.T. 0.059 min
 Lab File: BF126271.D
 Acq: 20 Dec 2021 11:21

Tgt Ion: 88 Resp: 203259
 Ion Ratio Lower Upper
 88 100
 58 78.3 0.0 0.0#
 43 26.3 0.0 0.0#

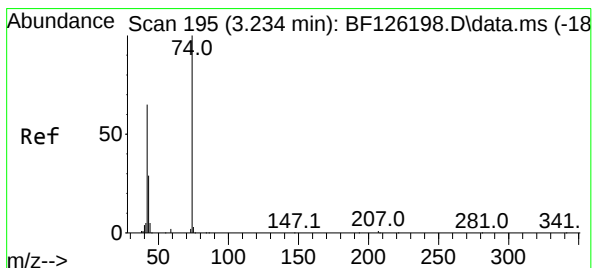
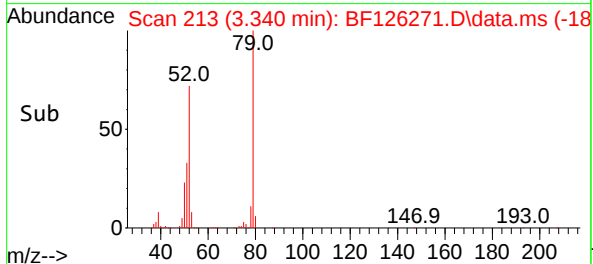
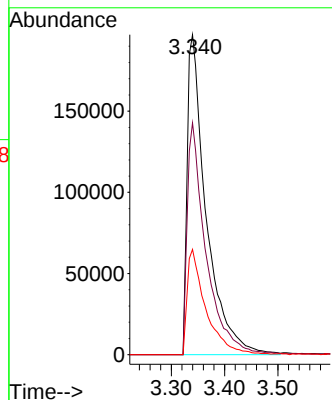
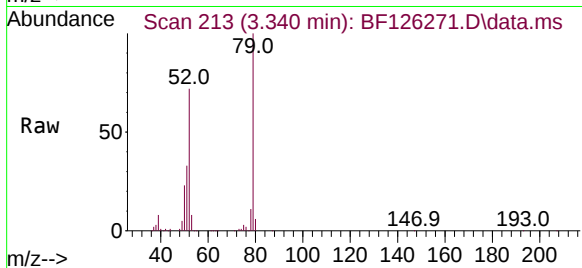




#3
Pyridine
Concen: 29.460 ng
RT: 3.340 min Scan# 21
Delta R.T. 0.059 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

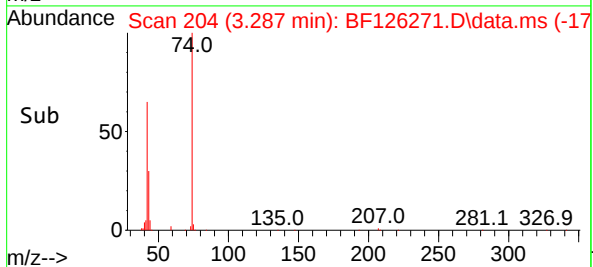
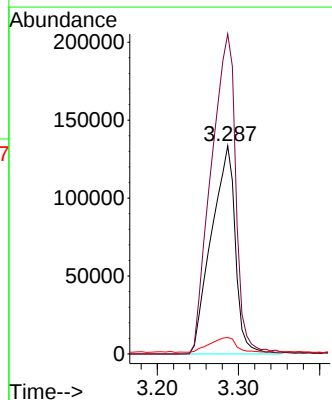
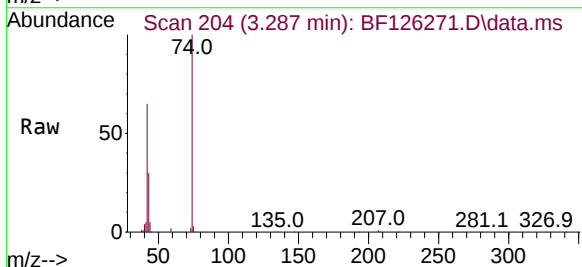
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ClientSampleId :
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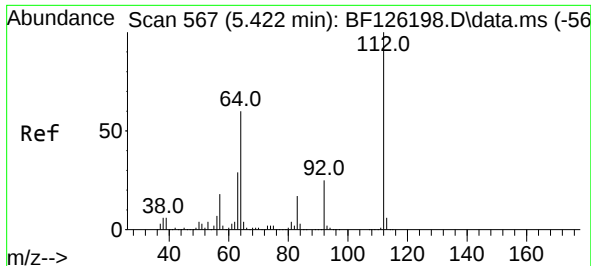
Tgt Ion: 79 Resp: 486331
Ion Ratio Lower Upper
79 100
52 72.5 70.3 105.5
51 32.9 44.1 66.1#



#4
n-Nitrosodimethylamine
Concen: 43.124 ng
RT: 3.287 min Scan# 204
Delta R.T. 0.053 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion: 42 Resp: 273608
Ion Ratio Lower Upper
42 100
74 153.7 59.0 88.6#
44 7.9 0.0 0.0#

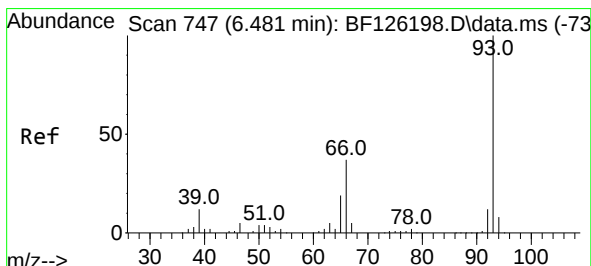
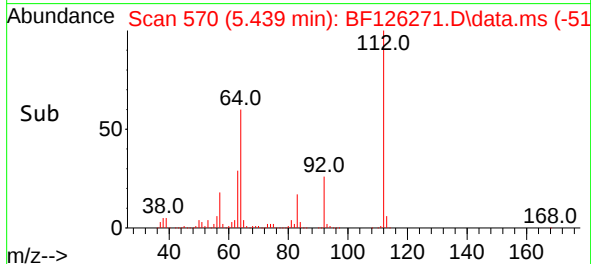
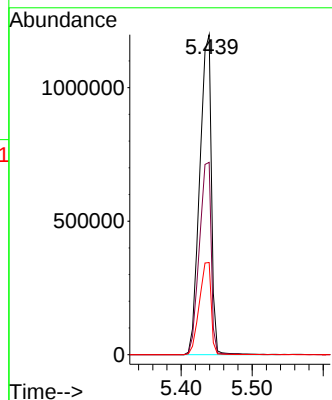
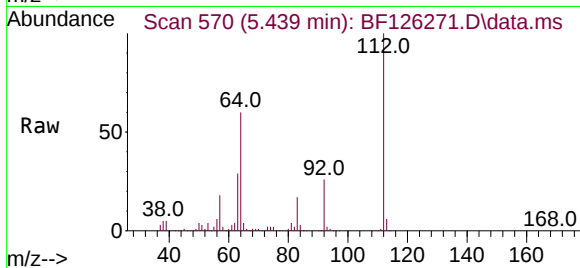




#5
2-Fluorophenol
Concen: 107.986 ng
RT: 5.439 min Scan# 51
Delta R.T. 0.018 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

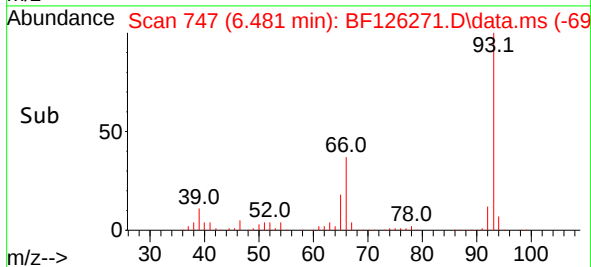
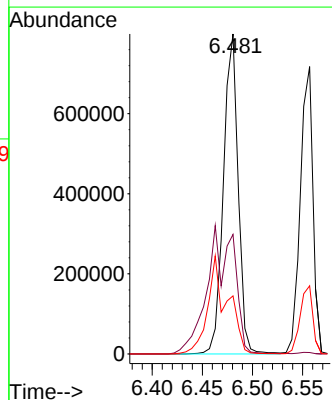
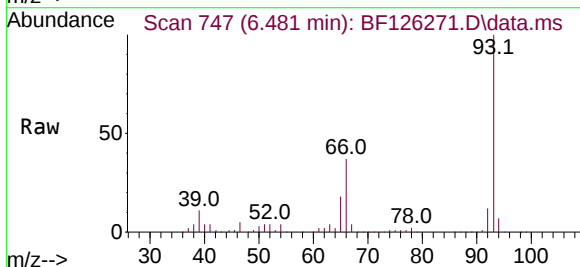
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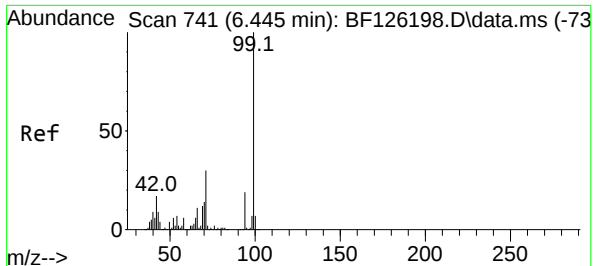
Tgt Ion:112 Resp: 1375174
Ion Ratio Lower Upper
112 100
64 60.1 44.2 66.2
63 28.8 26.2 39.2



#6
Aniline
Concen: 39.682 ng
RT: 6.481 min Scan# 747
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion: 93 Resp: 815049
Ion Ratio Lower Upper
93 100
66 37.3 32.7 49.1
65 18.1 14.2 21.4

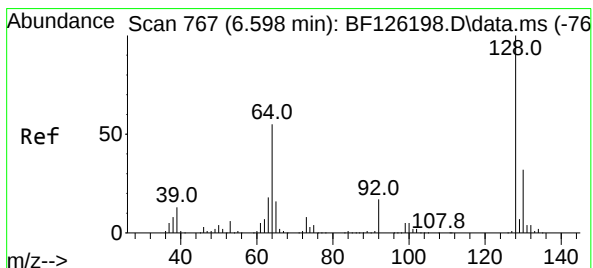
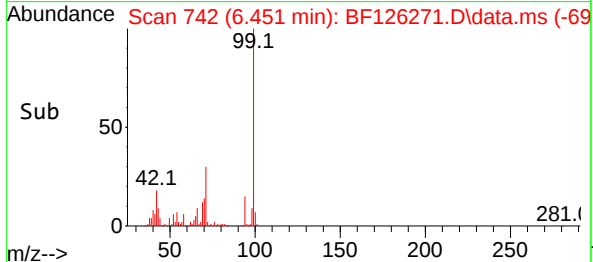
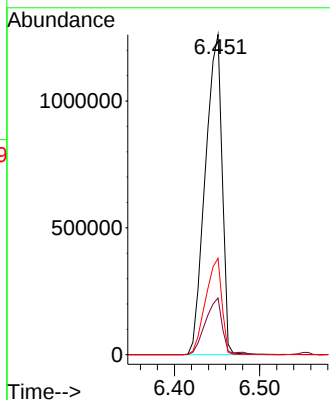
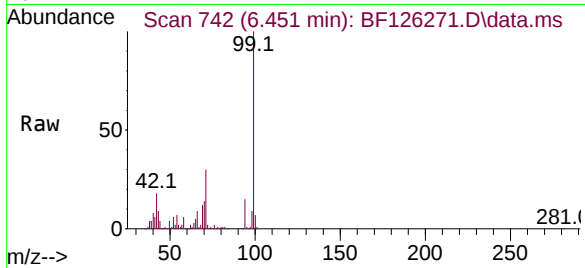




#7
Phenol-d6
Concen: 106.888 ng
RT: 6.451 min Scan# 741
Delta R.T. 0.006 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

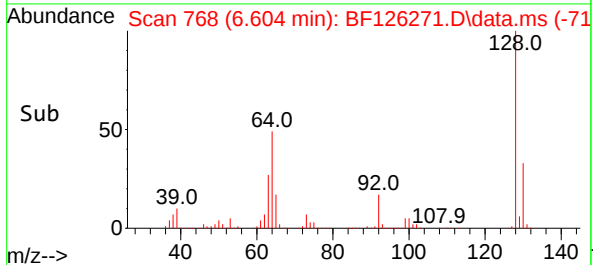
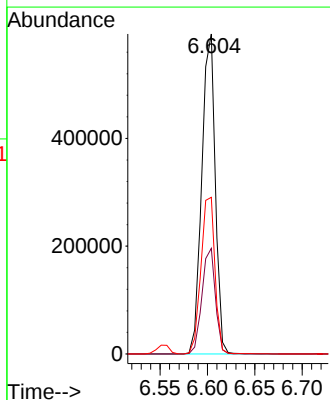
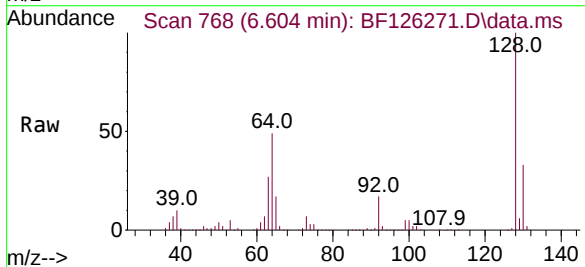
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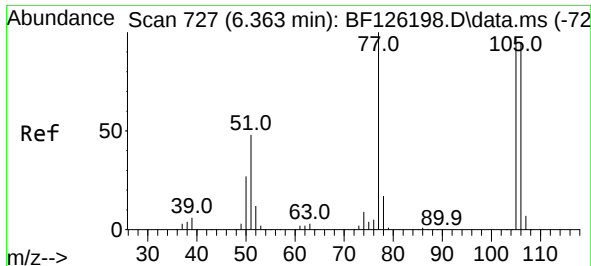
Tgt Ion: 99 Resp: 1728370
Ion Ratio Lower Upper
99 100
42 17.7 23.5 35.3#
71 30.1 25.6 38.4



#8
2-Chlorophenol
Concen: 45.481 ng
RT: 6.604 min Scan# 768
Delta R.T. 0.006 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:128 Resp: 587349
Ion Ratio Lower Upper
128 100
130 33.0 10.5 50.5
64 49.0 20.3 60.3





#9

Benzaldehyde

Concen: 34.323 ng

RT: 6.363 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

Instrument :

BNA_F

ClientSampleId :

PB141443BS

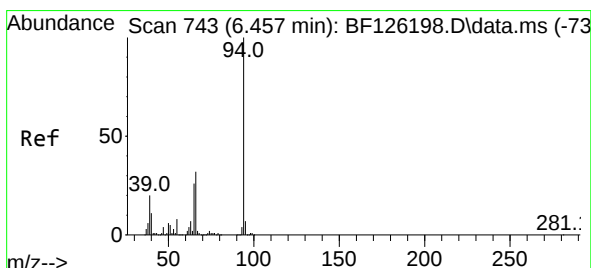
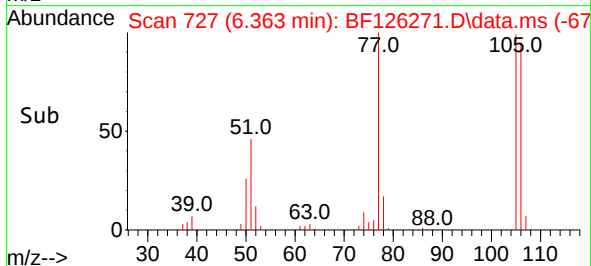
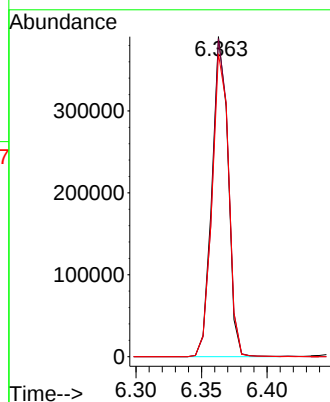
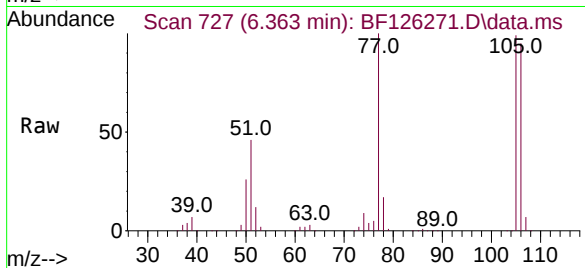
Tgt Ion: 77 Resp: 334910

Ion Ratio Lower Upper

77 100

105 99.3 75.9 115.9

106 94.7 84.0 124.0



#10

Phenol

Concen: 41.880 ng

RT: 6.463 min Scan# 744

Delta R.T. 0.006 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

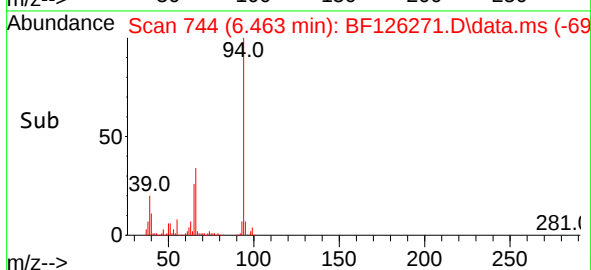
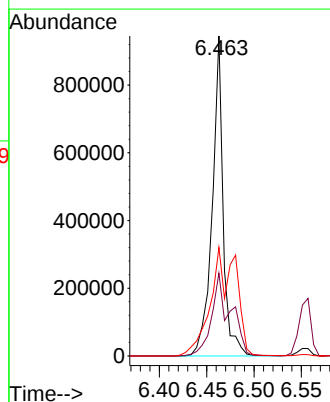
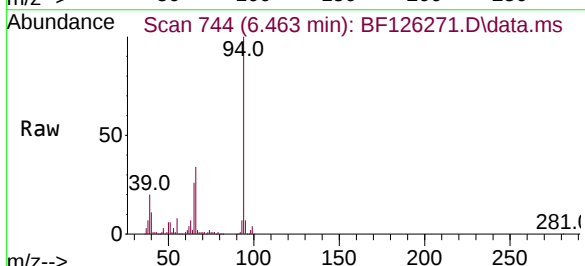
Tgt Ion: 94 Resp: 760158

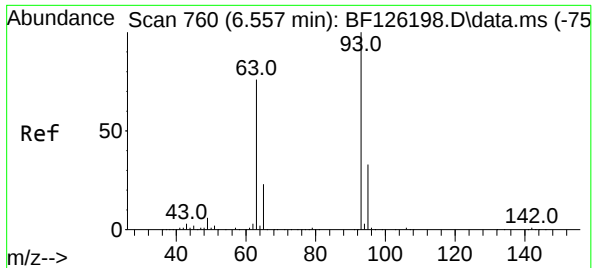
Ion Ratio Lower Upper

94 100

65 25.9 9.3 49.3

66 33.9 20.3 60.3

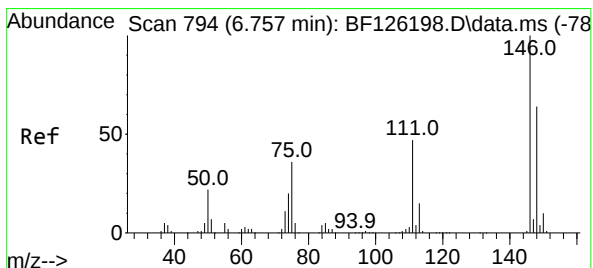
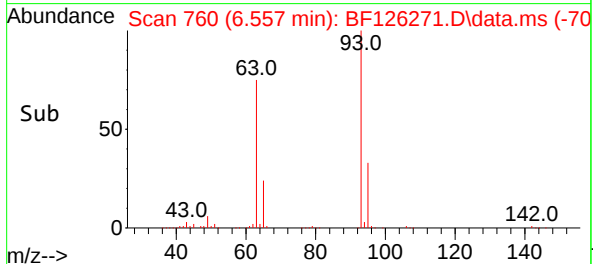
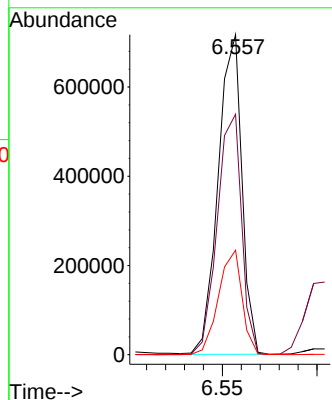
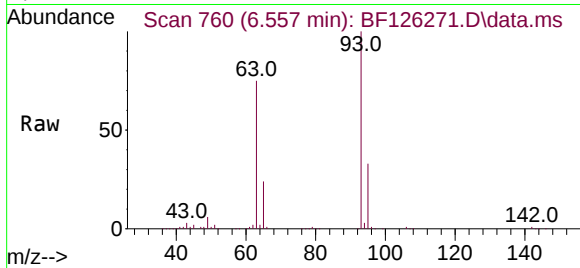




#11
bis(2-Chloroethyl)ether
Concen: 44.384 ng
RT: 6.557 min Scan# 760
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

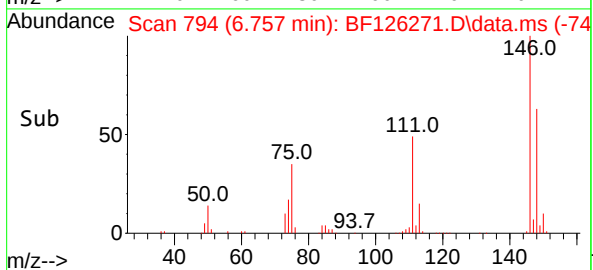
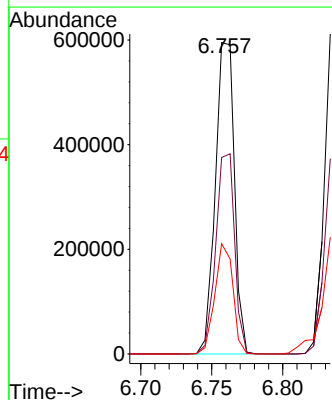
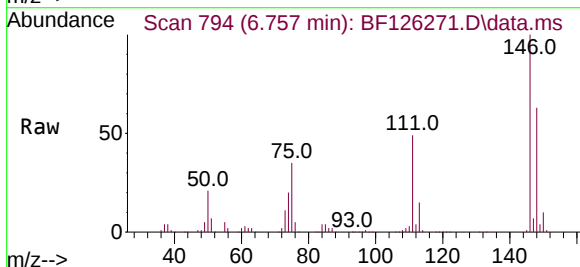
Instrument :
BNA_F
ClientSampleId :
PB141443BS

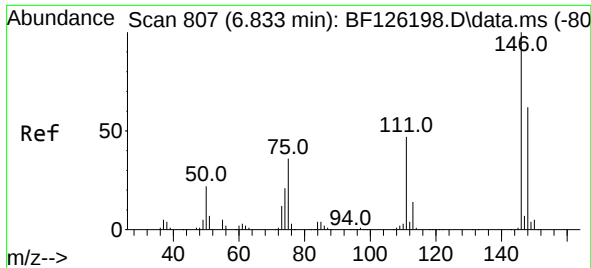
Tgt Ion: 93 Resp: 625333
Ion Ratio Lower Upper
93 100
63 75.2 54.4 94.4
95 32.6 11.4 51.4



#12
1,3-Dichlorobenzene
Concen: 42.628 ng
RT: 6.757 min Scan# 794
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:146 Resp: 555315
Ion Ratio Lower Upper
146 100
148 63.1 49.7 74.5
75 35.4 25.2 37.8

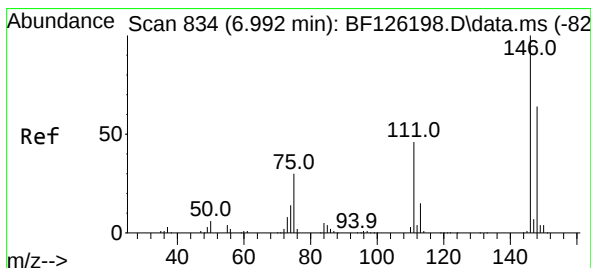
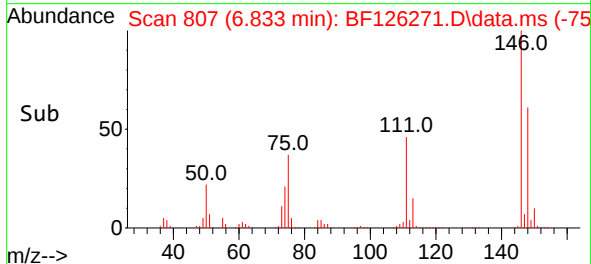
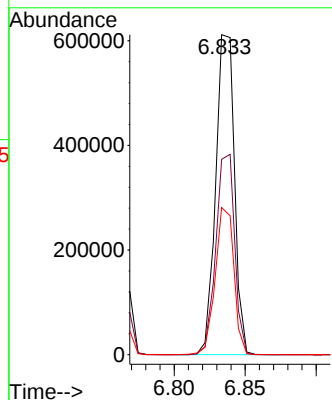
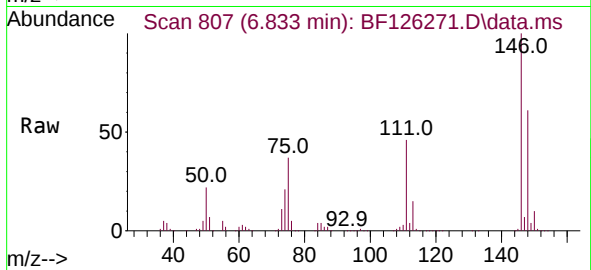




#13
1,4-Dichlorobenzene
Concen: 42.668 ng
RT: 6.833 min Scan# 807
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

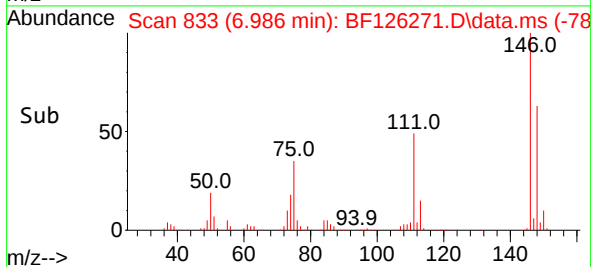
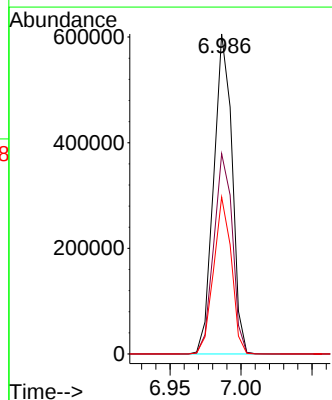
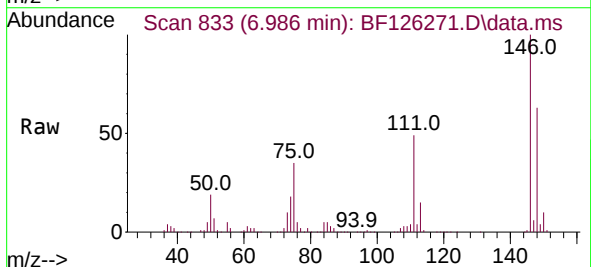
Instrument :
BNA_F
ClientSampleId :
PB141443BS

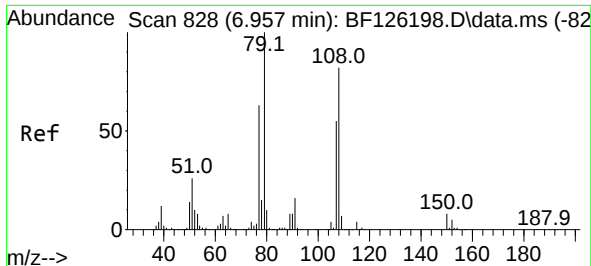
Tgt Ion:146 Resp: 561307
Ion Ratio Lower Upper
146 100
148 61.1 51.9 77.9
111 46.0 31.8 47.6



#14
1,2-Dichlorobenzene
Concen: 44.710 ng
RT: 6.986 min Scan# 833
Delta R.T. -0.006 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:146 Resp: 543827
Ion Ratio Lower Upper
146 100
148 62.6 50.6 75.8
111 49.1 33.5 50.3

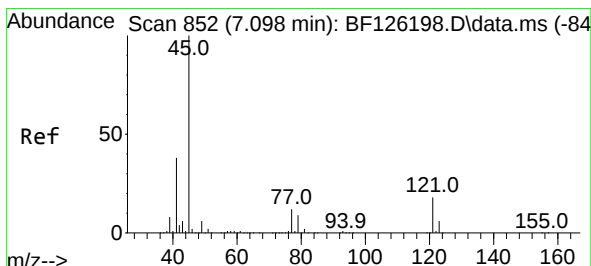
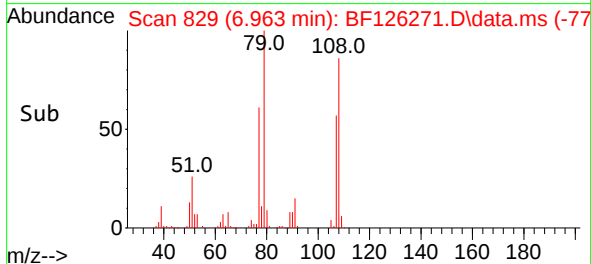
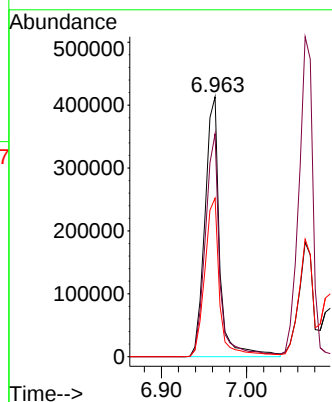
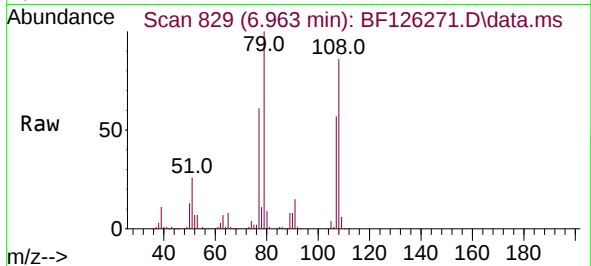




#15
Benzyl Alcohol
Concen: 42.074 ng
RT: 6.963 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

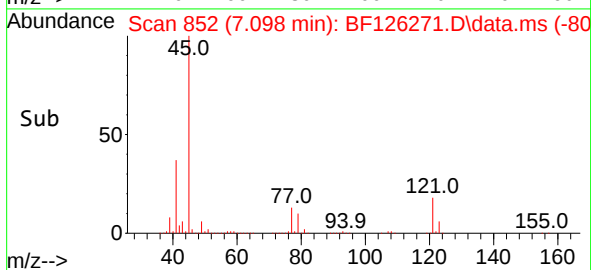
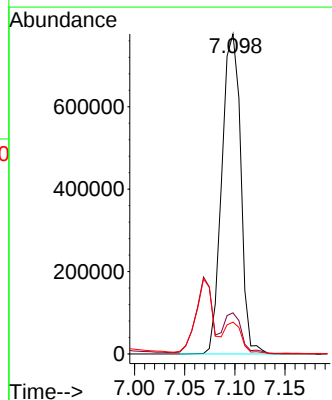
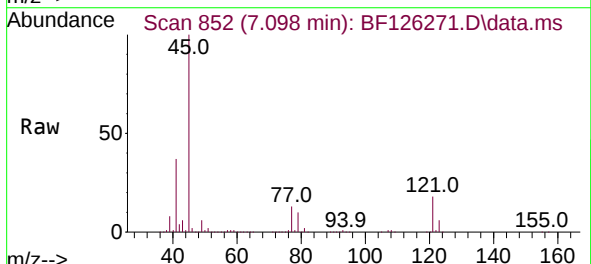
Instrument :
BNA_F
ClientSampleId :
PB141443BS

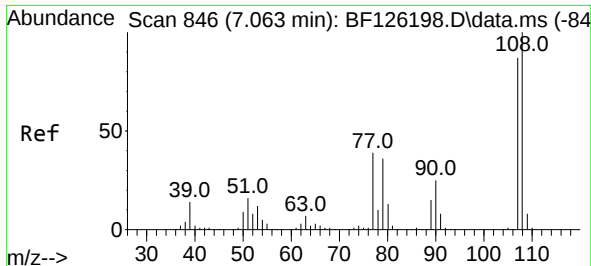
Tgt Ion: 79 Resp: 496656
Ion Ratio Lower Upper
79 100
108 85.8 60.4 90.6
77 61.0 51.5 77.3



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.839 ng
RT: 7.098 min Scan# 852
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion: 45 Resp: 1010770
Ion Ratio Lower Upper
45 100
77 12.9 0.0 30.6
79 9.9 0.0 27.5

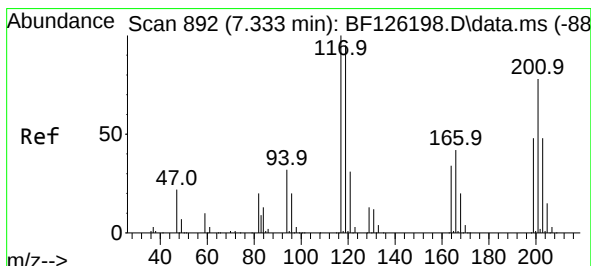
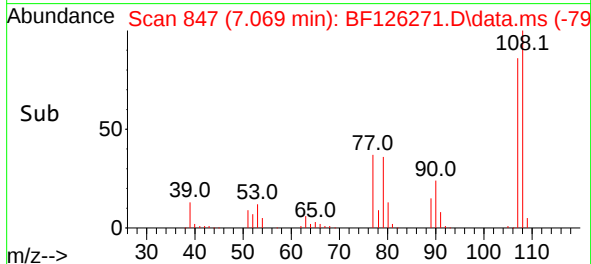
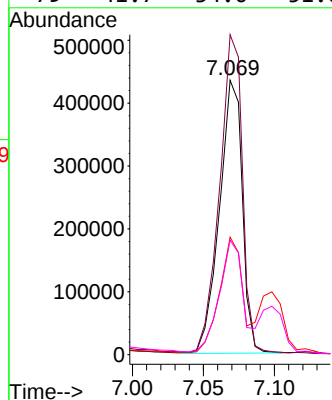
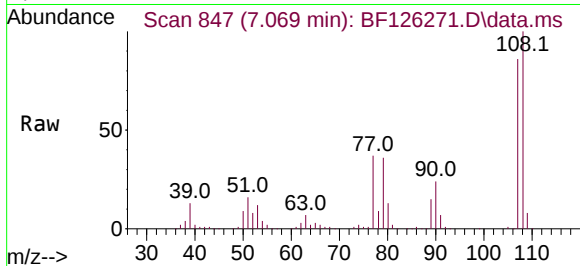




#17
2-Methylphenol
Concen: 42.970 ng
RT: 7.069 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

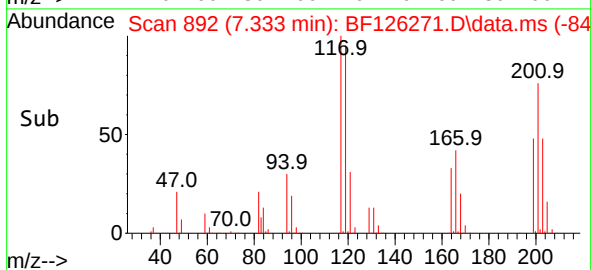
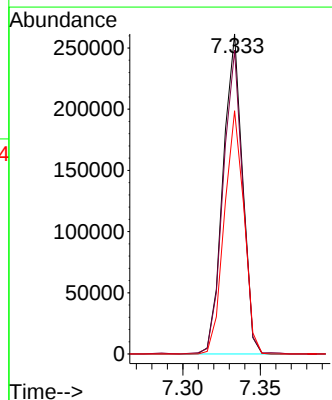
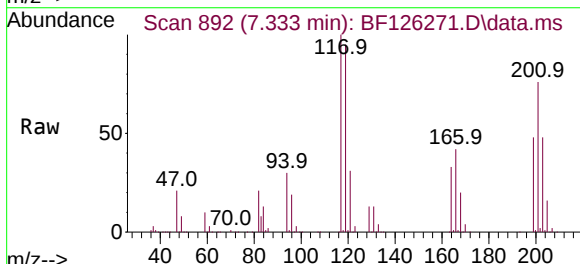
Instrument :
BNA_F
ClientSampleId :
PB141443BS

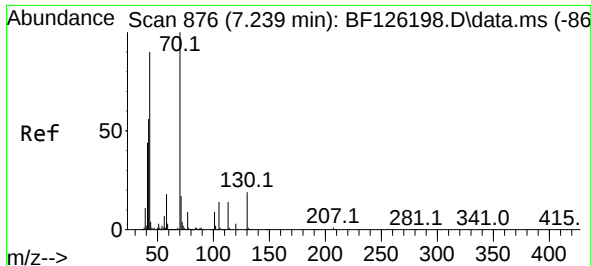
Tgt Ion:	107	Resp:	486131
Ion	Ratio	Lower	Upper
107	100		
108	116.6	90.6	135.8
77	42.8	35.7	53.5
79	41.7	34.0	51.0



#18
Hexachloroethane
Concen: 44.091 ng
RT: 7.333 min Scan# 892
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

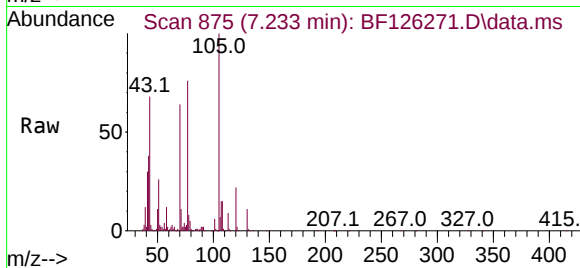
Tgt Ion:	117	Resp:	228154
Ion	Ratio	Lower	Upper
117	100		
119	94.8	73.4	110.2
201	76.0	64.9	97.3



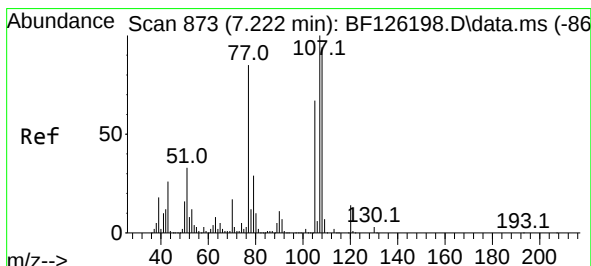
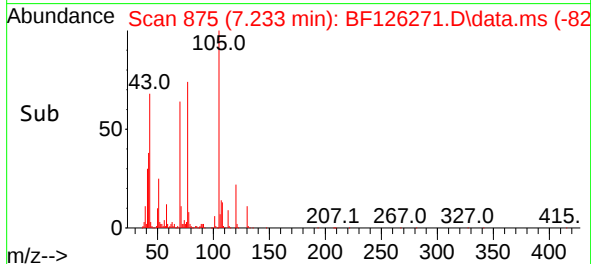
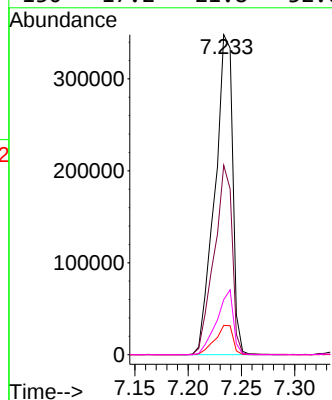


#19
n-Nitroso-di-n-propylamine
Concen: 40.785 ng
RT: 7.233 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Instrument :
BNA_F
ClientSampleId :
PB141443BS

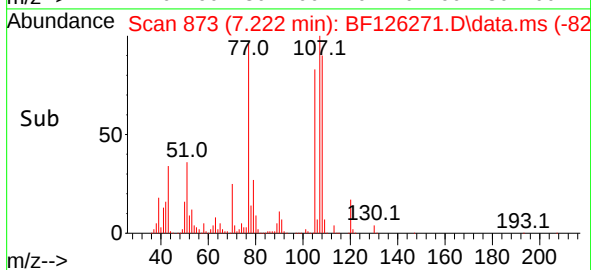
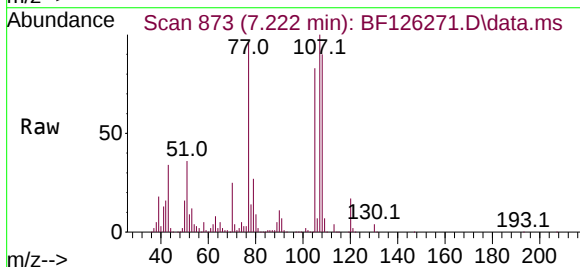
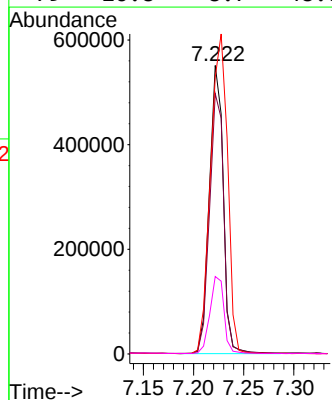


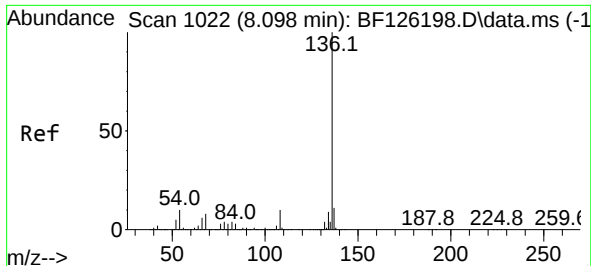
Tgt Ion: 70 Resp: 404861
Ion Ratio Lower Upper
70 100
42 59.2 72.2 108.2#
101 9.1 7.8 11.8
130 17.2 21.8 32.6#



#20
3+4-Methylphenols
Concen: 39.981 ng
RT: 7.222 min Scan# 873
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion: 107 Resp: 534723
Ion Ratio Lower Upper
107 100
108 90.2 76.6 116.6
77 96.0 53.3 93.3#
79 26.8 8.7 48.7



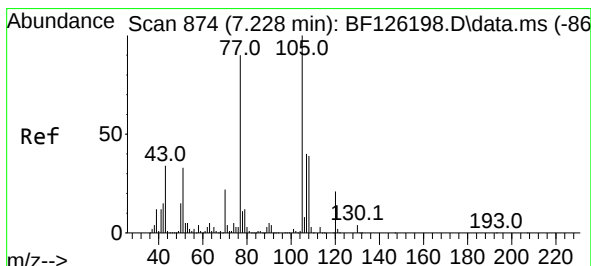
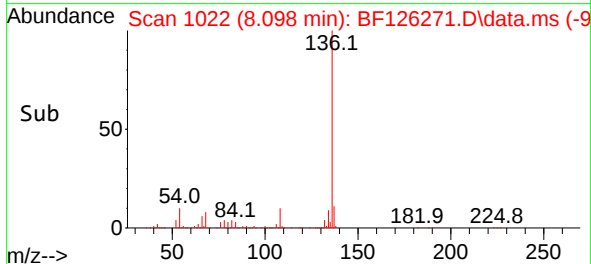
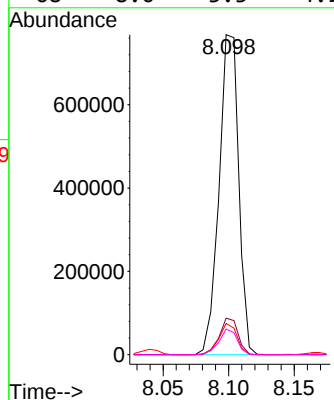
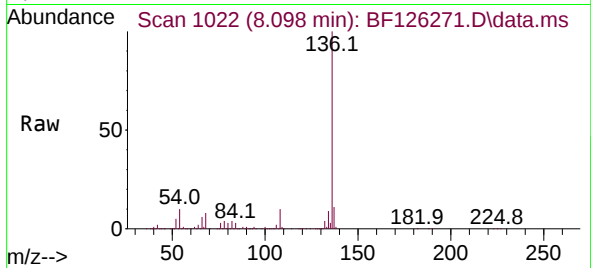


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.098 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Instrument :
BNA_F
ClientSampleId :
PB141443BS

Tgt Ion:136 Resp: 800630

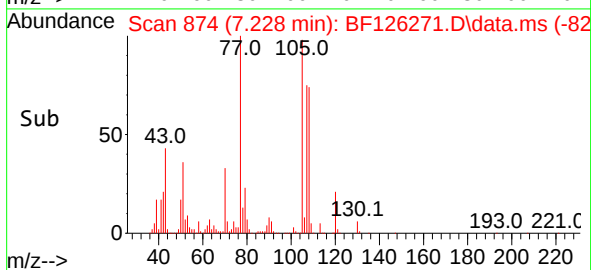
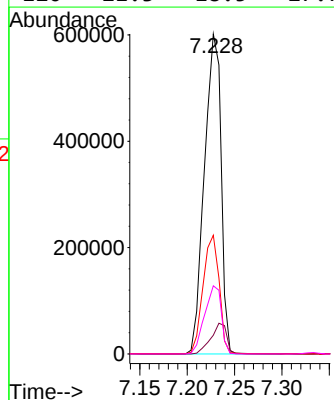
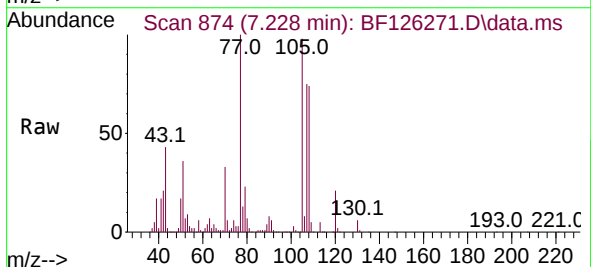
Ion	Ratio	Lower	Upper
136	100		
137	11.4	9.8	14.6
54	9.7	6.4	9.6#
68	8.0	3.3	4.9#

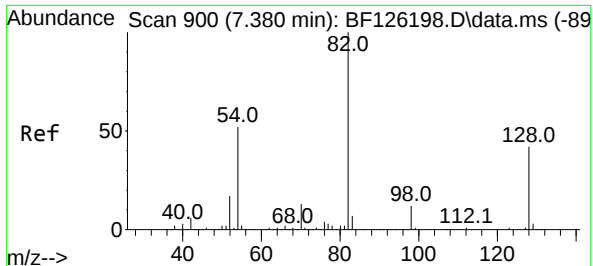


#22
Acetophenone
Concen: 39.952 ng
RT: 7.228 min Scan# 874
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:105 Resp: 736152

Ion	Ratio	Lower	Upper
105	100		
71	5.9	5.5	8.3
51	37.1	26.0	39.0
120	21.3	18.5	27.7





#23

Nitrobenzene-d5

Concen: 76.799 ng

RT: 7.380 min Scan# 900

Delta R.T. 0.000 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

Instrument :

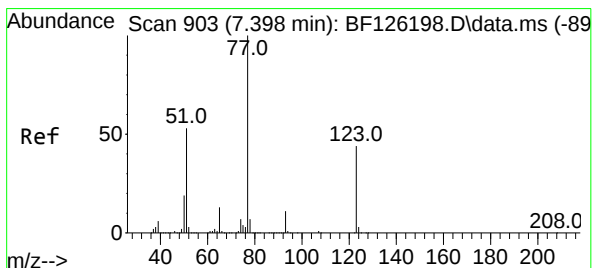
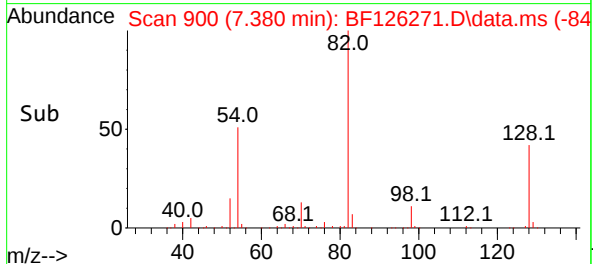
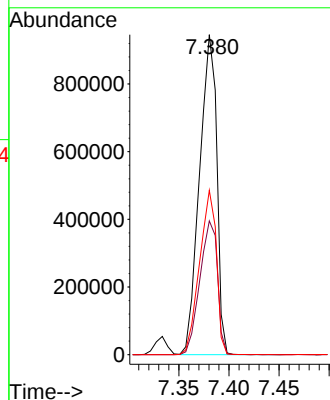
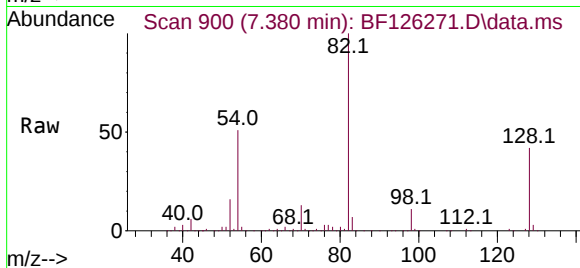
BNA_F

ClientSampleId :

PB141443BS

Tgt Ion: 82 Resp: 1135306

Ion	Ratio	Lower	Upper
82	100		
128	41.8	40.6	60.8
54	51.4	49.6	74.4



#24

Nitrobenzene

Concen: 43.327 ng

RT: 7.398 min Scan# 903

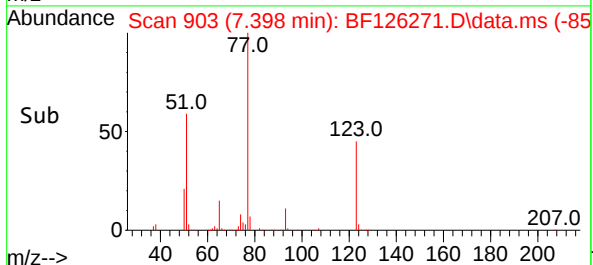
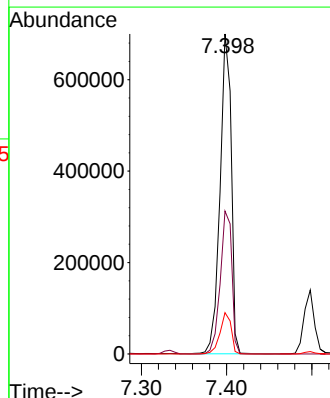
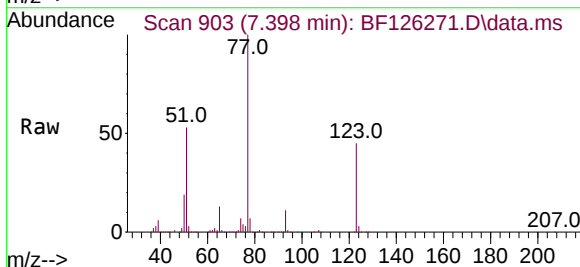
Delta R.T. 0.000 min

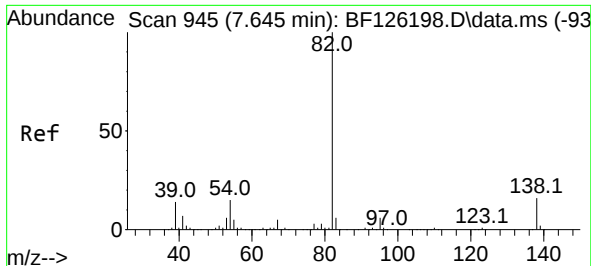
Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

Tgt Ion: 77 Resp: 639392

Ion	Ratio	Lower	Upper
77	100		
123	44.7	42.3	63.5
65	12.9	12.4	18.6

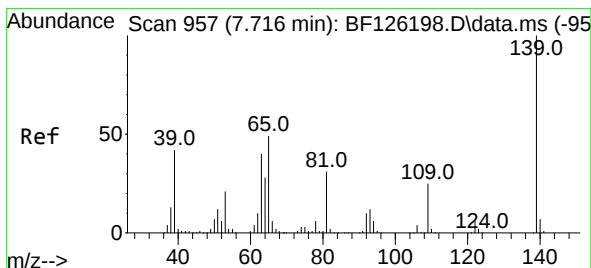
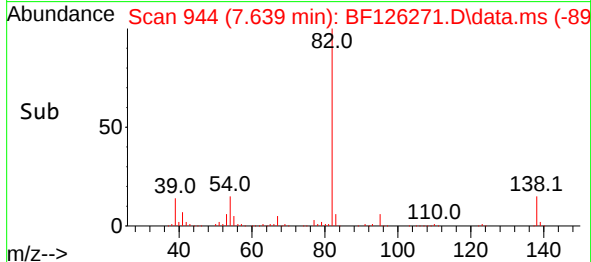
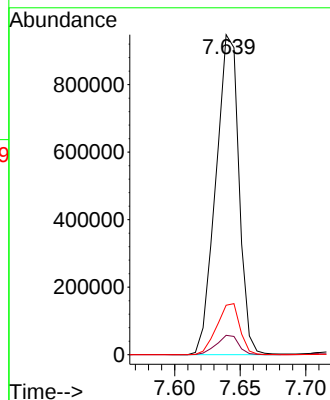
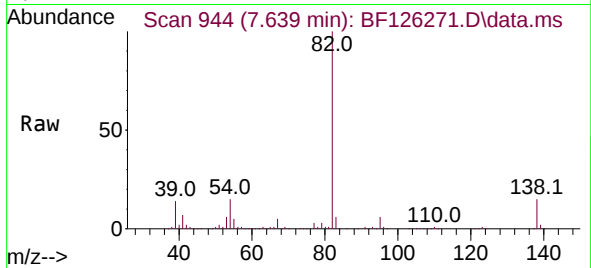




#25
Isophorone
Concen: 41.625 ng
RT: 7.639 min Scan# 945
Delta R.T. -0.006 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

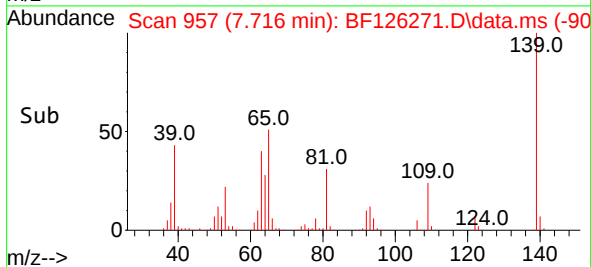
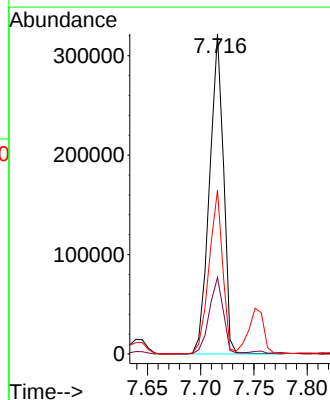
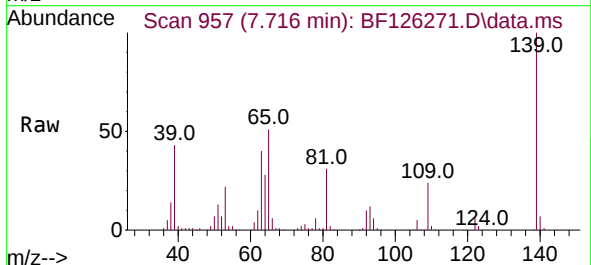
Instrument :
BNA_F
ClientSampleId :
PB141443BS

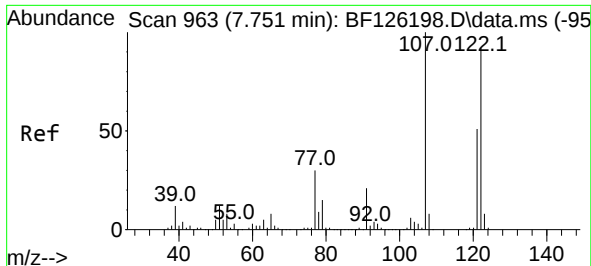
Tgt Ion: 82 Resp: 1162017
Ion Ratio Lower Upper
82 100
95 6.0 6.5 9.7#
138 15.4 18.4 27.6#



#26
2-Nitrophenol
Concen: 44.316 ng
RT: 7.716 min Scan# 957
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:139 Resp: 294816
Ion Ratio Lower Upper
139 100
109 23.9 26.0 39.0#
65 51.2 31.0 46.4#





#27

2,4-Dimethylphenol

Concen: 45.038 ng

RT: 7.757 min Scan# 9

Delta R.T. 0.006 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

Instrument :

BNA_F

ClientSampleId :

PB141443BS

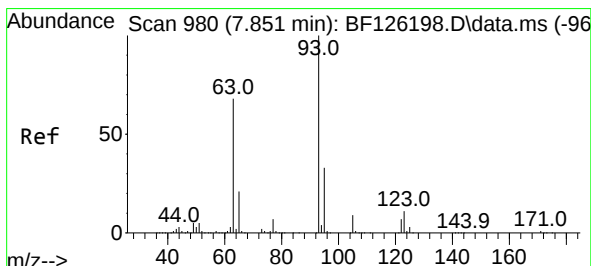
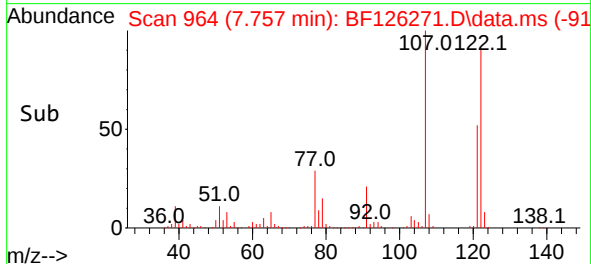
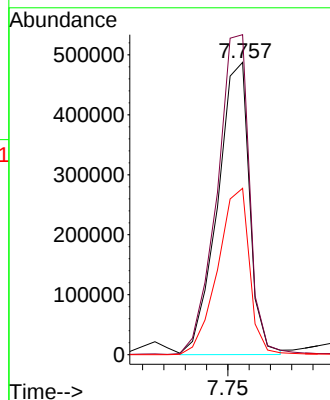
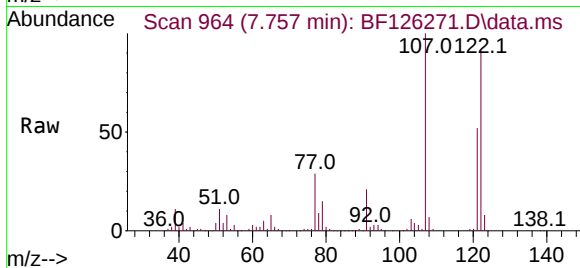
Tgt Ion:122 Resp: 508833

Ion Ratio Lower Upper

122 100

107 109.5 85.0 127.6

121 56.9 43.3 64.9



#28

bis(2-Chloroethoxy)methane

Concen: 41.401 ng

RT: 7.851 min Scan# 980

Delta R.T. 0.000 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

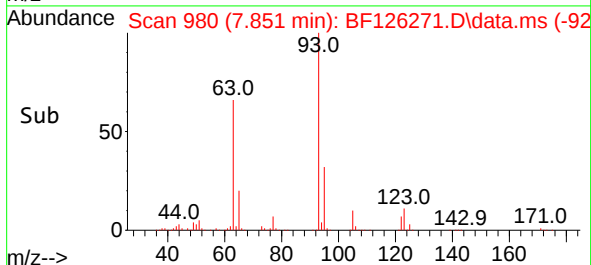
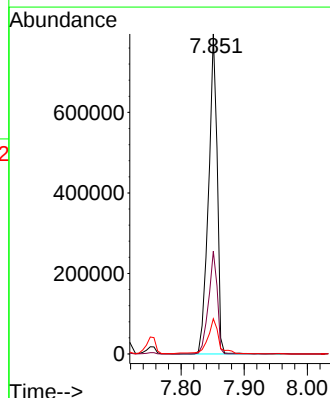
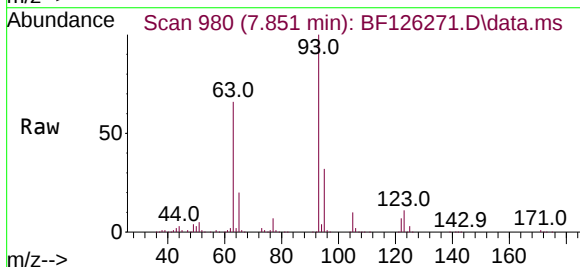
Tgt Ion: 93 Resp: 759875

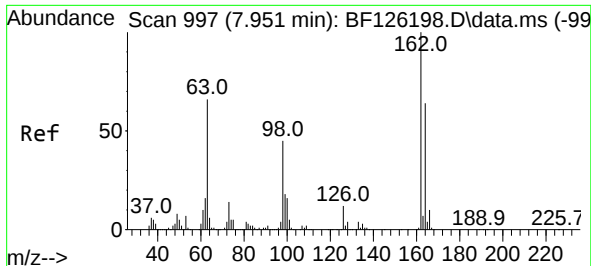
Ion Ratio Lower Upper

93 100

95 32.1 26.1 39.1

123 11.0 11.7 17.5#





#29

2,4-Dichlorophenol

Concen: 41.717 ng

RT: 7.957 min Scan# 997

Delta R.T. 0.006 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

Instrument :

BNA_F

ClientSampleId :

PB141443BS

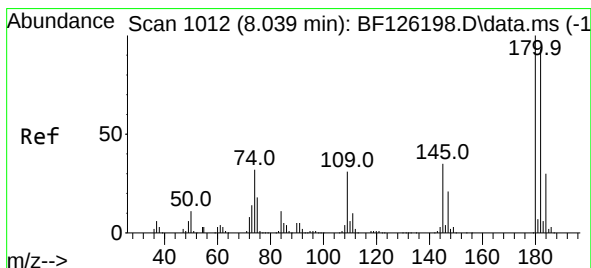
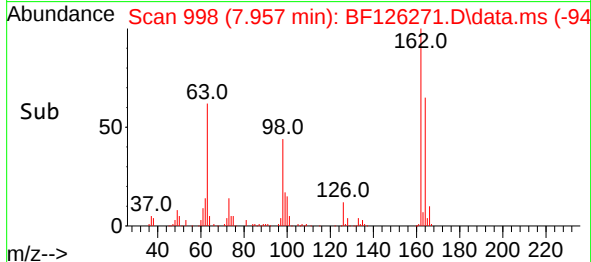
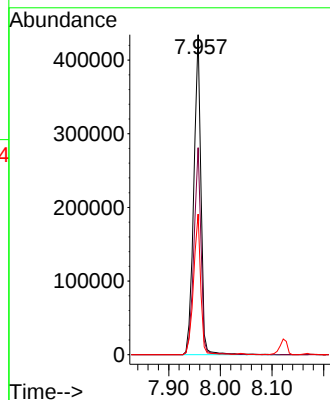
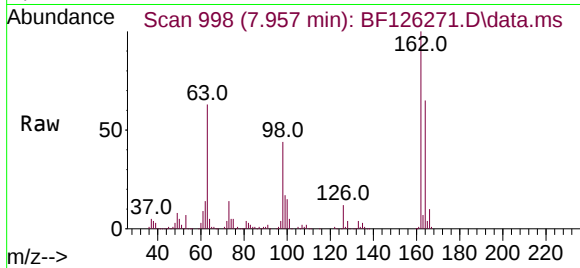
Tgt Ion:162 Resp: 418946

Ion Ratio Lower Upper

162 100

164 64.7 44.5 84.5

98 44.0 13.0 53.0



#30

1,2,4-Trichlorobenzene

Concen: 41.607 ng

RT: 8.039 min Scan# 1012

Delta R.T. 0.000 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

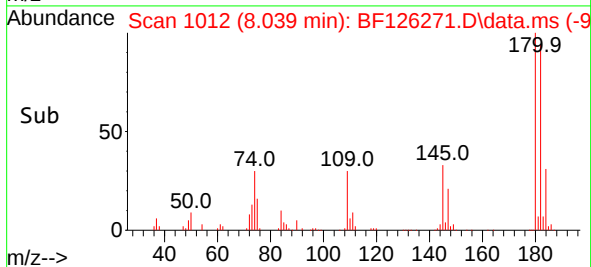
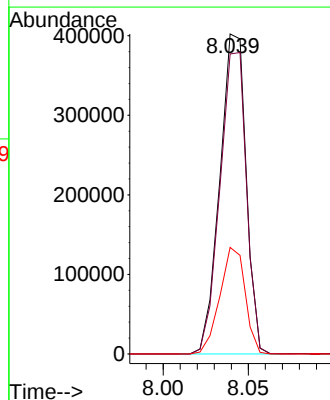
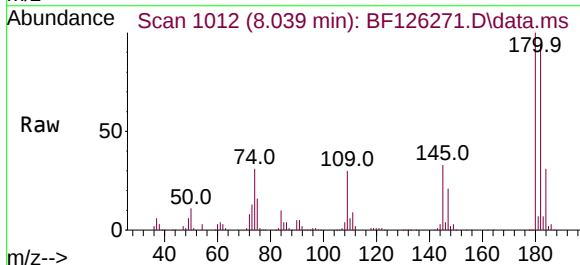
Tgt Ion:180 Resp: 432202

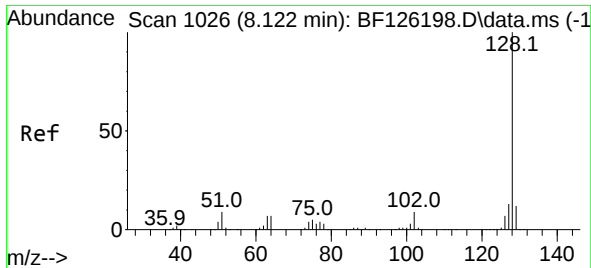
Ion Ratio Lower Upper

180 100

182 93.7 76.8 115.2

145 33.3 26.7 40.1

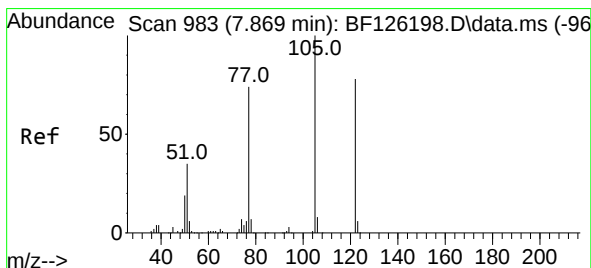
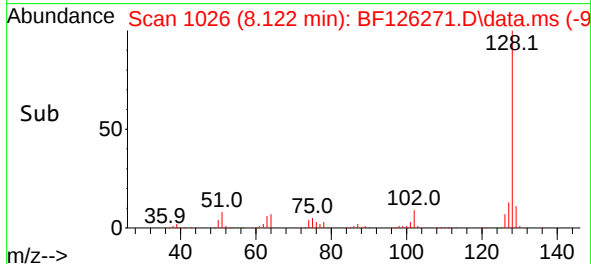
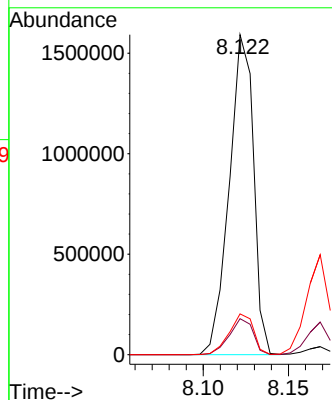
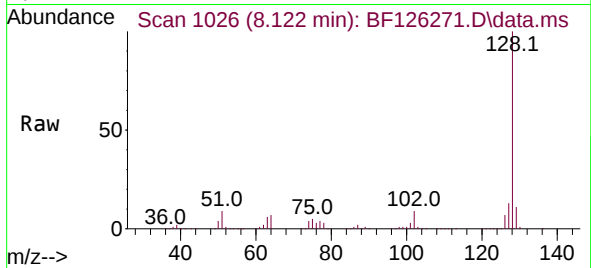




#31
Naphthalene
Concen: 42.267 ng
RT: 8.122 min Scan# 1026
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

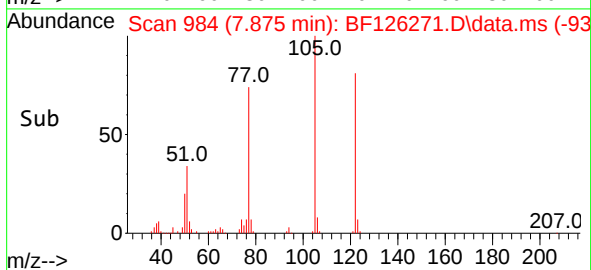
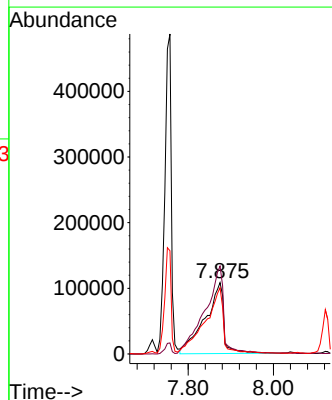
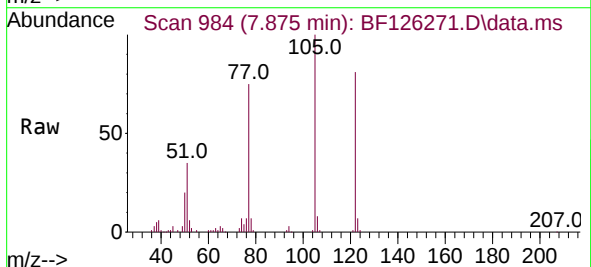
Instrument :
BNA_F
ClientSampleId :
PB141443BS

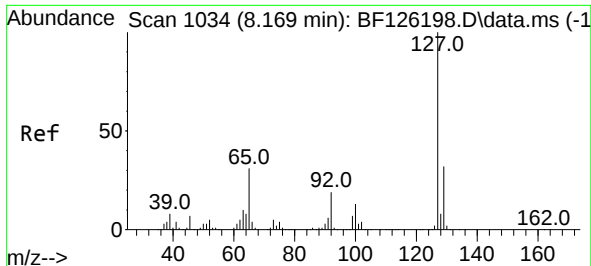
Tgt Ion:128 Resp: 1582567
Ion Ratio Lower Upper
128 100
129 11.2 9.4 14.0
127 12.7 10.9 16.3



#32
Benzoic acid
Concen: 34.263 ng
RT: 7.875 min Scan# 984
Delta R.T. 0.006 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:122 Resp: 333485
Ion Ratio Lower Upper
122 100
105 123.0 97.6 137.6
77 92.8 59.6 99.6

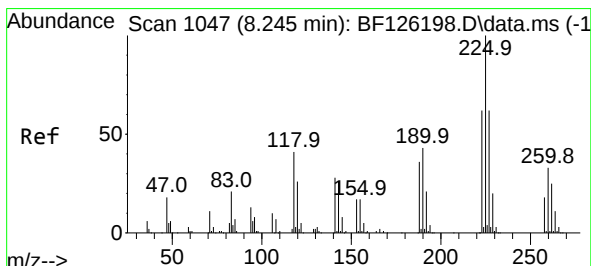
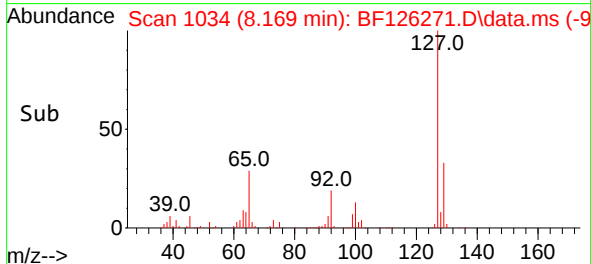
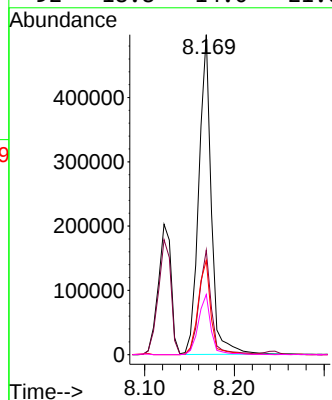
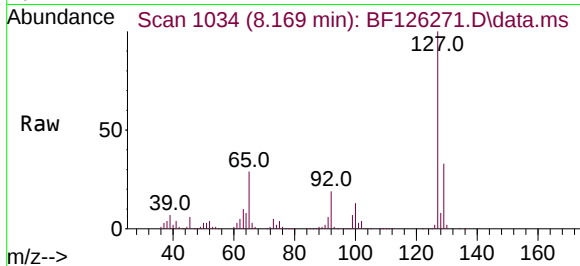




#33
4-Chloroaniline
Concen: 30.577 ng
RT: 8.169 min Scan# 1034
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

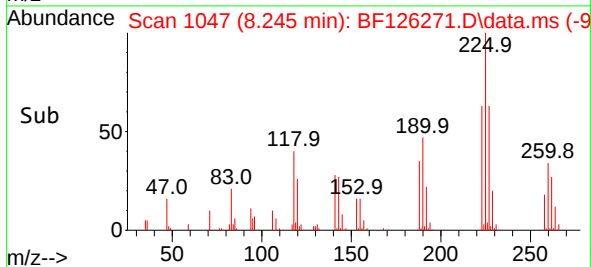
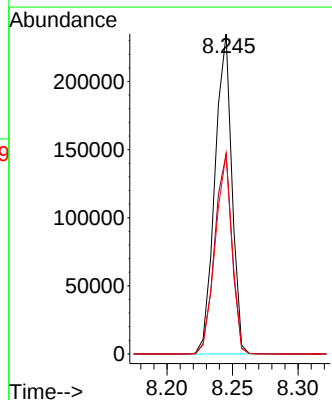
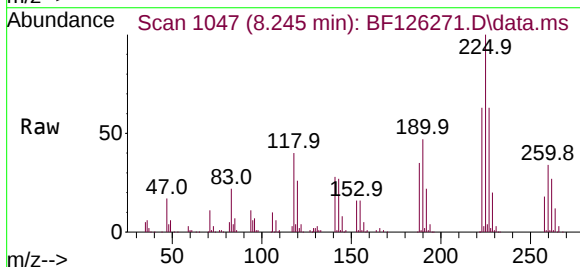
Instrument :
BNA_F
ClientSampleId :
PB141443BS

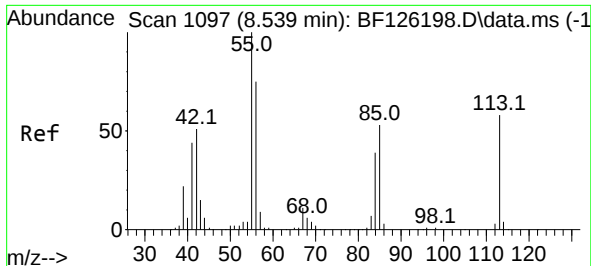
Tgt Ion:	127	Resp:	478019
Ion	Ratio	Lower	Upper
127	100		
129	32.7	25.7	38.5
65	29.4	21.2	31.8
92	18.8	14.0	21.0



#34
Hexachlorobutadiene
Concen: 41.406 ng
RT: 8.245 min Scan# 1047
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:	225	Resp:	211241
Ion	Ratio	Lower	Upper
225	100		
223	62.5	50.6	76.0
227	62.6	50.6	75.8

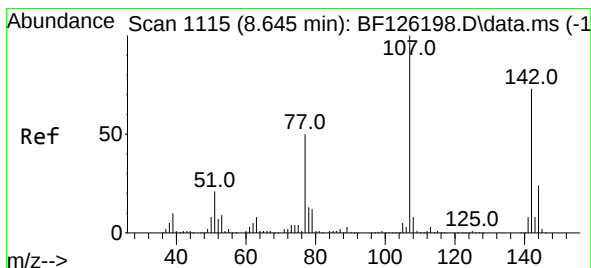
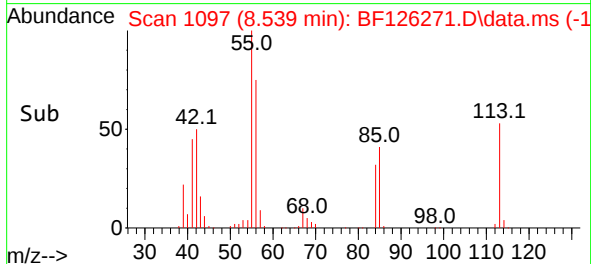
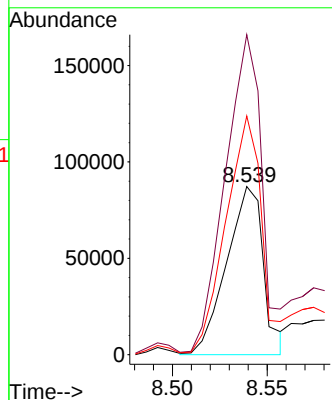
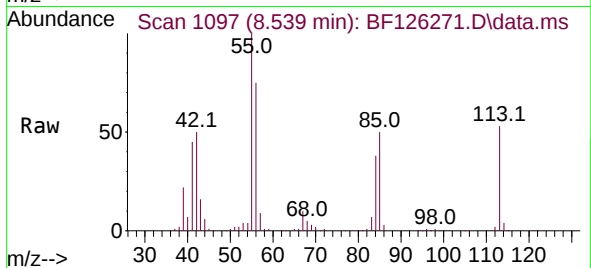




#35
Caprolactam
Concen: 47.128 ng
RT: 8.539 min Scan# 1097
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

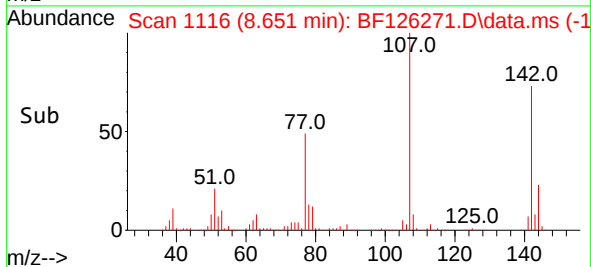
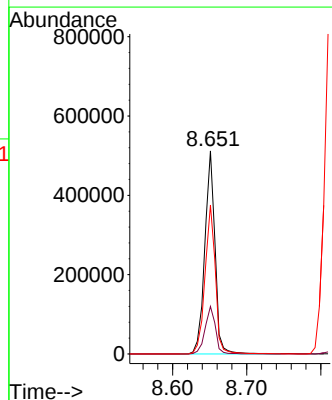
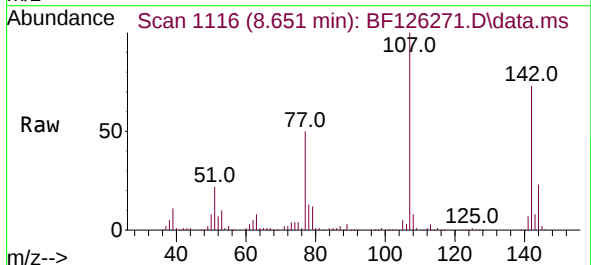
Instrument :
BNA_F
ClientSampleId :
PB141443BS

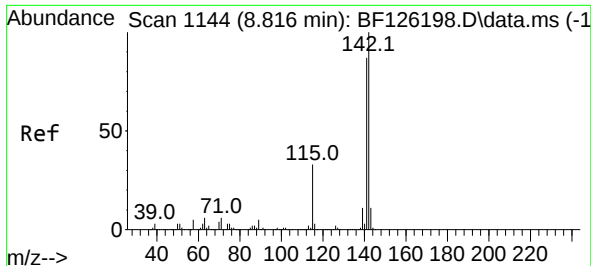
Tgt Ion:113 Resp: 117623
Ion Ratio Lower Upper
113 100
55 190.4 154.1 194.1
56 142.0 108.7 148.7



#36
4-Chloro-3-methylphenol
Concen: 41.658 ng
RT: 8.651 min Scan# 1116
Delta R.T. 0.006 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:107 Resp: 493490
Ion Ratio Lower Upper
107 100
144 23.4 21.9 32.9
142 73.3 67.1 100.7





#37

2-Methylnaphthalene

Concen: 42.870 ng

RT: 8.816 min Scan# 1144

Delta R.T. 0.000 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

Instrument :

BNA_F

ClientSampleId :

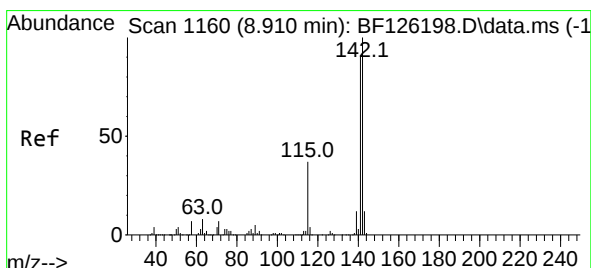
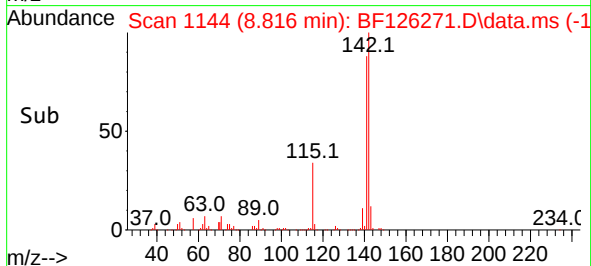
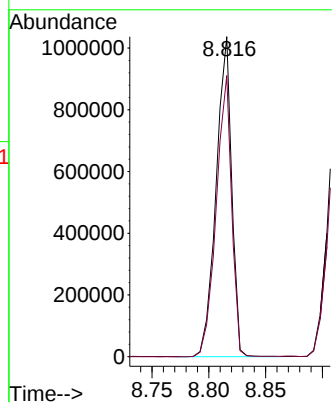
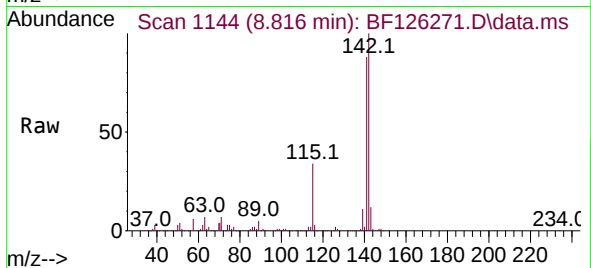
PB141443BS

Tgt Ion:142 Resp: 988515

Ion Ratio Lower Upper

142 100

141 87.9 71.2 106.8



#38

1-Methylnaphthalene

Concen: 41.057 ng

RT: 8.916 min Scan# 1161

Delta R.T. 0.006 min

Lab File: BF126271.D

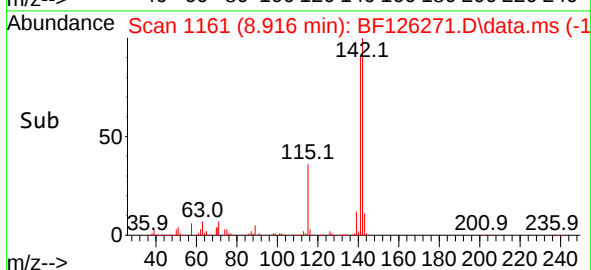
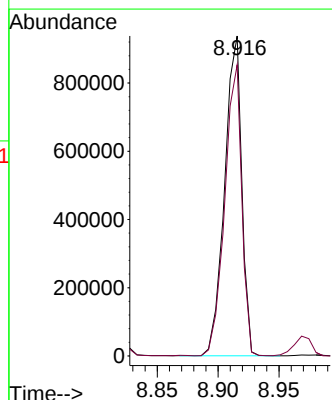
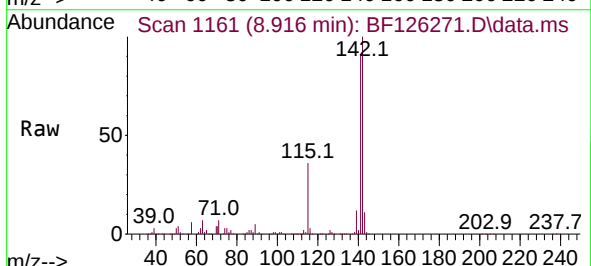
Acq: 20 Dec 2021 11:21

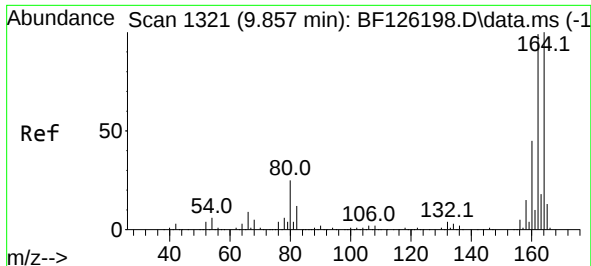
Tgt Ion:142 Resp: 918734

Ion Ratio Lower Upper

142 100

141 91.0 76.0 114.0

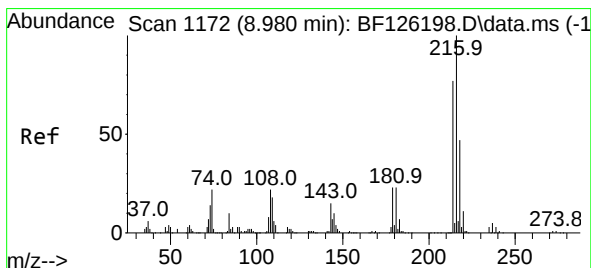
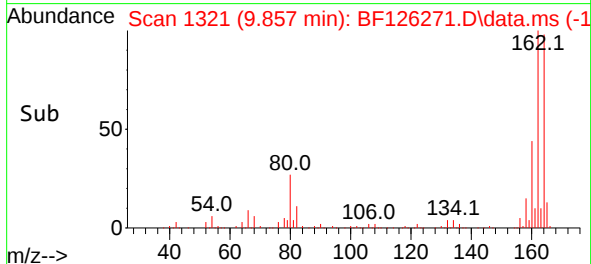
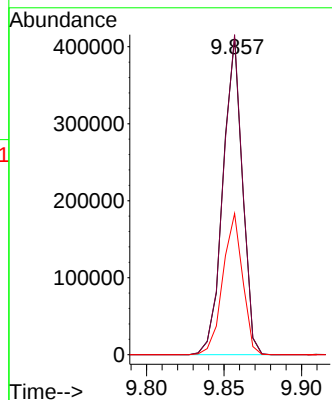
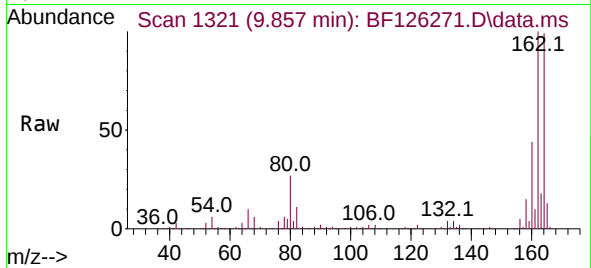




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.857 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

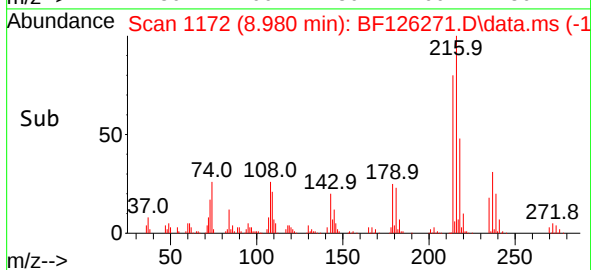
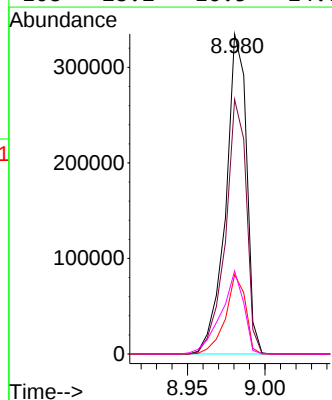
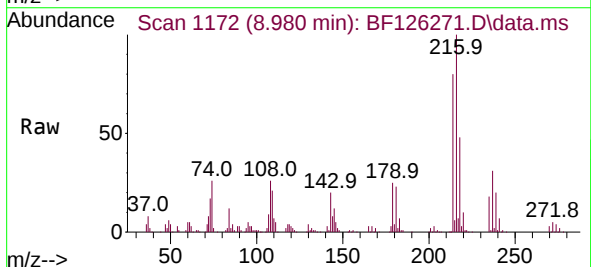
Instrument :
BNA_F
ClientSampleId :
PB141443BS

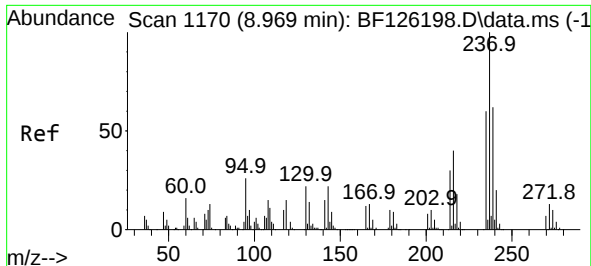
Tgt Ion:164 Resp: 358398
Ion Ratio Lower Upper
164 100
162 101.0 81.3 121.9
160 44.6 38.0 57.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.566 ng
RT: 8.980 min Scan# 1172
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:216 Resp: 313785
Ion Ratio Lower Upper
216 100
214 79.2 64.9 97.3
179 23.8 17.4 26.2
108 28.2 16.5 24.7#

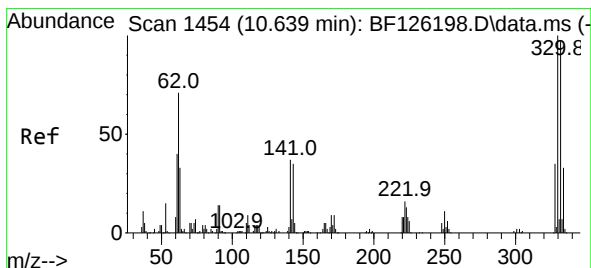
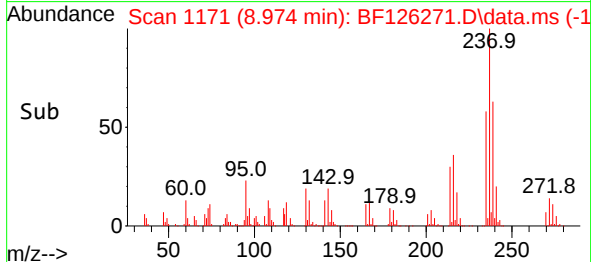
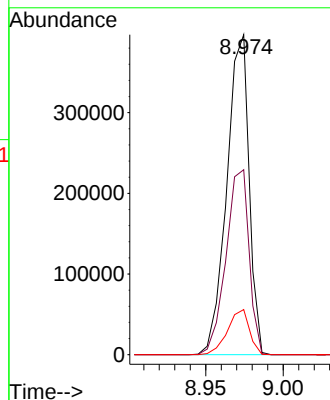
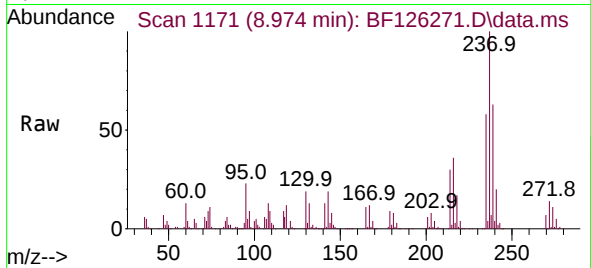




#41
Hexachlorocyclopentadiene
Concen: 89.538 ng
RT: 8.974 min Scan# 1170
Delta R.T. 0.006 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

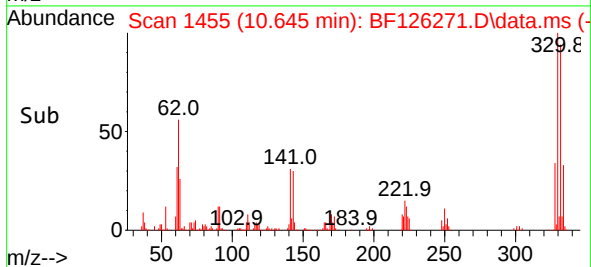
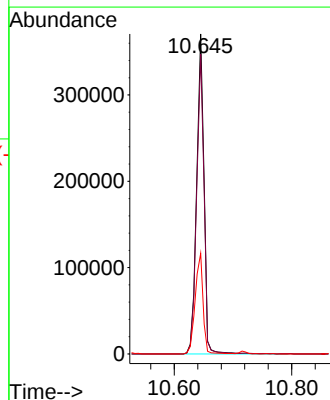
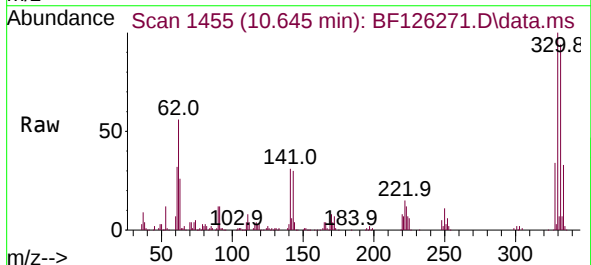
Instrument :
BNA_F
ClientSampleId :
PB141443BS

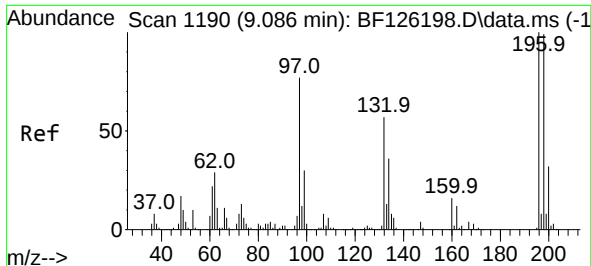
Tgt Ion:237 Resp: 396611
Ion Ratio Lower Upper
237 100
235 57.8 44.7 84.7
272 14.1 0.0 31.6



#42
2,4,6-Tribromophenol
Concen: 111.130 ng
RT: 10.645 min Scan# 1455
Delta R.T. 0.006 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:330 Resp: 320082
Ion Ratio Lower Upper
330 100
332 93.8 76.2 114.4
141 33.8 44.6 66.8#





#43

2,4,6-Trichlorophenol

Concen: 41.572 ng

RT: 9.092 min Scan# 1191

Delta R.T. 0.006 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

Instrument :

BNA_F

ClientSampleId :

PB141443BS

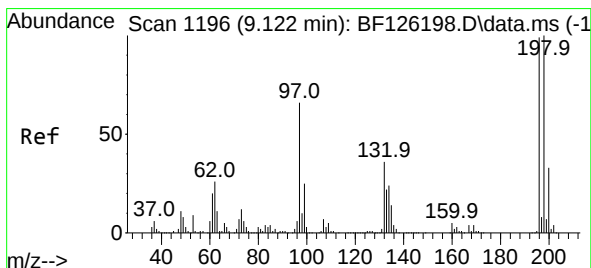
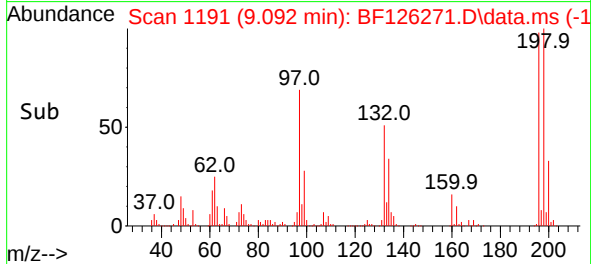
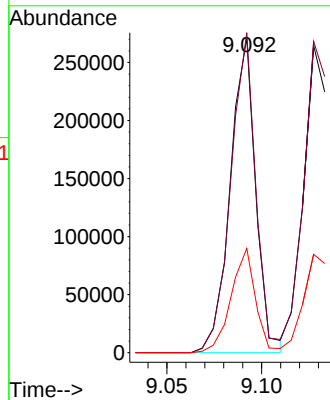
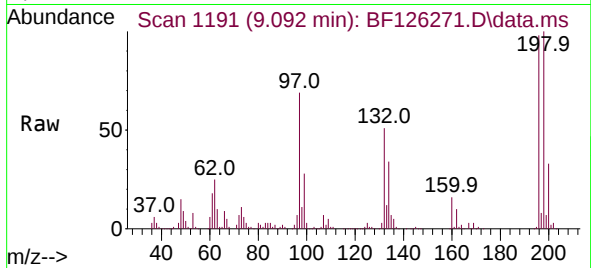
Tgt Ion:196 Resp: 252962

Ion Ratio Lower Upper

196 100

198 101.7 74.9 112.3

200 33.1 27.0 40.4



#44

2,4,5-Trichlorophenol

Concen: 40.806 ng

RT: 9.127 min Scan# 1197

Delta R.T. 0.006 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

Tgt Ion:196 Resp: 257131

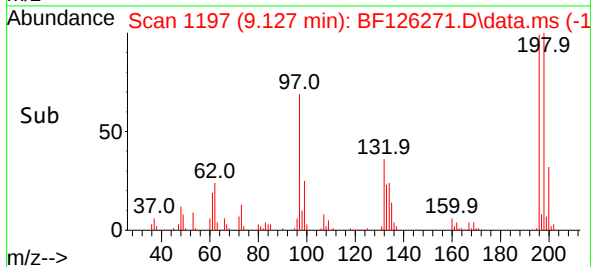
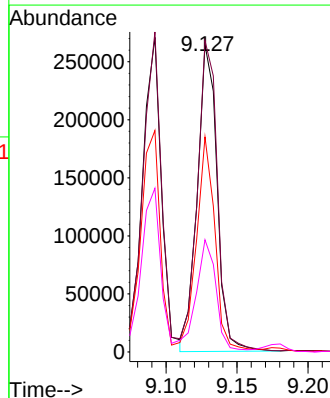
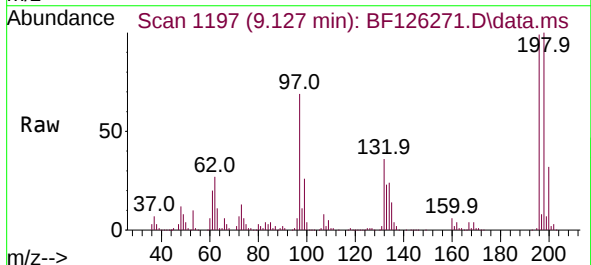
Ion Ratio Lower Upper

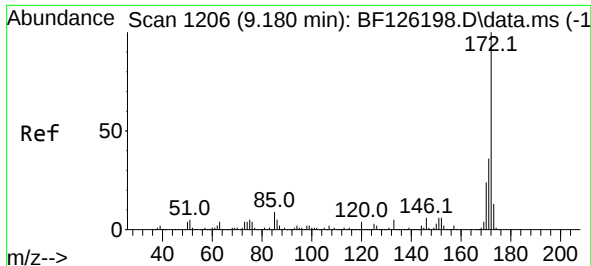
196 100

198 101.4 80.2 120.2

97 70.0 44.0 66.0#

132 36.5 25.4 38.0





#45

2-Fluorobiphenyl

Concen: 73.174 ng

RT: 9.180 min Scan# 1206

Delta R.T. 0.000 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

Instrument :

BNA_F

ClientSampleId :

PB141443BS

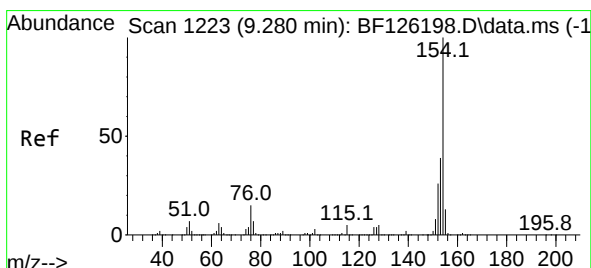
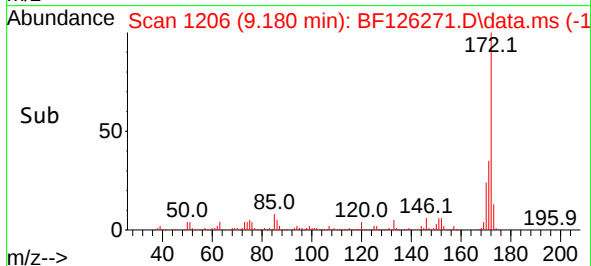
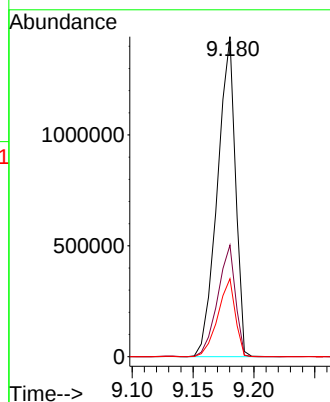
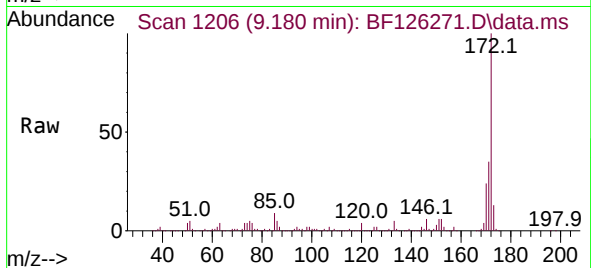
Tgt Ion:172 Resp: 1495270

Ion Ratio Lower Upper

172 100

171 34.9 26.5 39.7

170 24.3 18.8 28.2



#46

1,1'-Biphenyl

Concen: 41.331 ng

RT: 9.280 min Scan# 1223

Delta R.T. 0.000 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

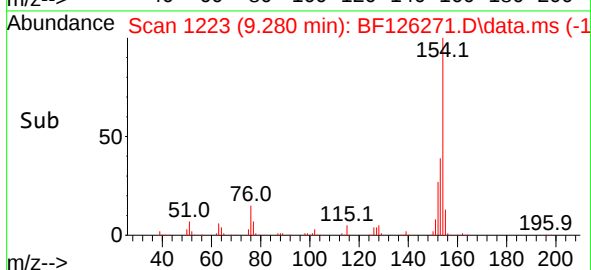
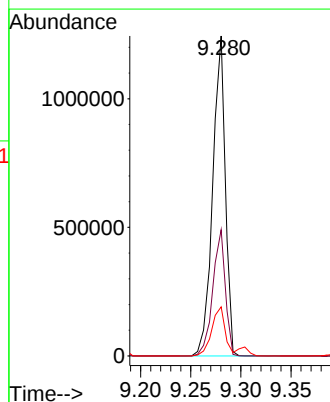
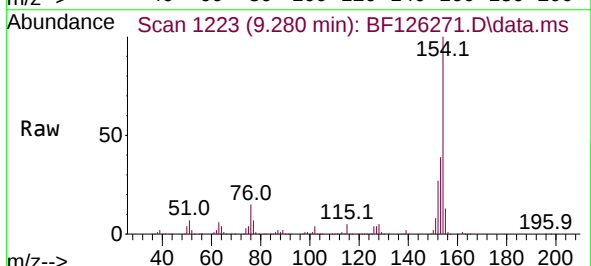
Tgt Ion:154 Resp: 1095280

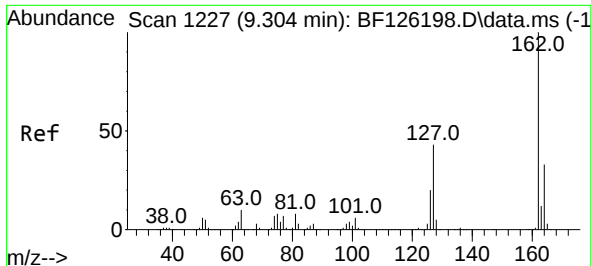
Ion Ratio Lower Upper

154 100

153 39.4 20.0 60.0

76 15.4 0.0 30.3





#47

2-Chloronaphthalene

Concen: 42.279 ng

RT: 9.304 min Scan# 1227

Delta R.T. 0.000 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

Instrument :

BNA_F

ClientSampleId :

PB141443BS

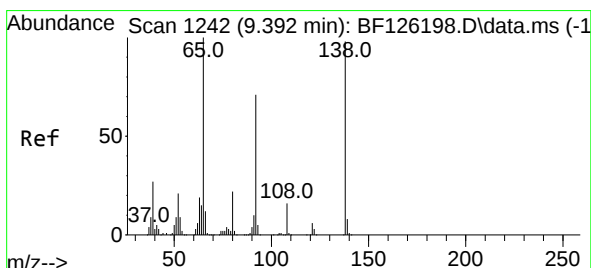
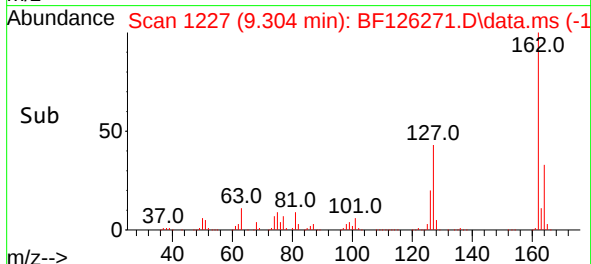
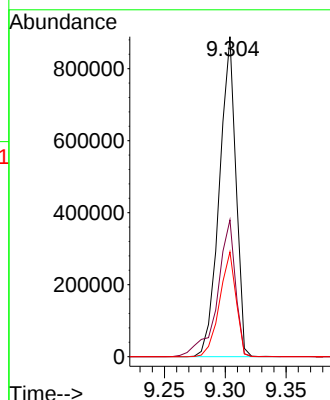
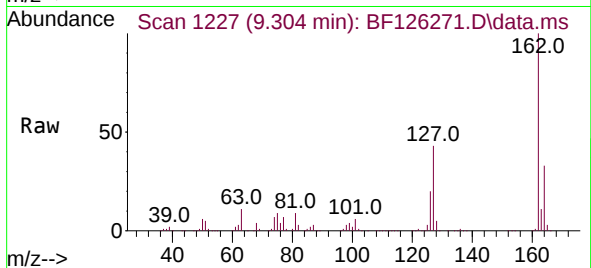
Tgt Ion:162 Resp: 842966

Ion Ratio Lower Upper

162 100

127 42.7 33.0 49.4

164 32.8 25.8 38.8



#48

2-Nitroaniline

Concen: 43.290 ng

RT: 9.398 min Scan# 1243

Delta R.T. 0.006 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

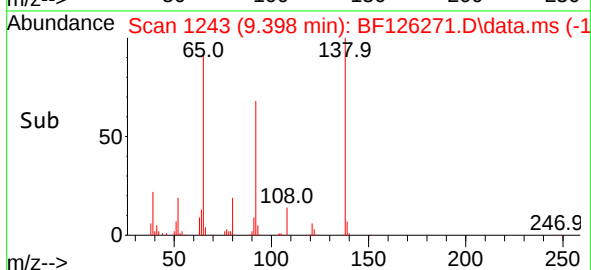
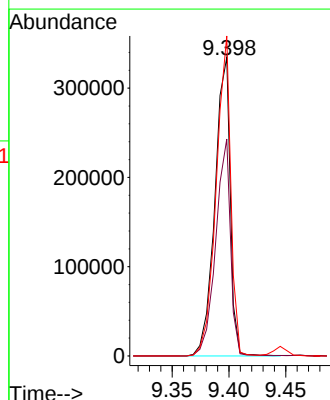
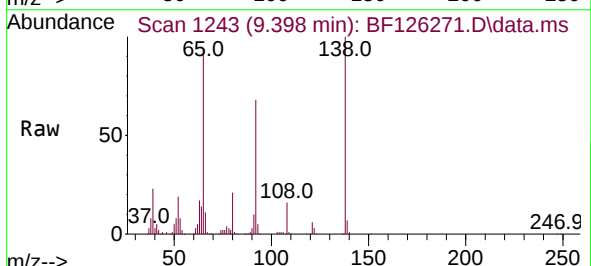
Tgt Ion: 65 Resp: 315041

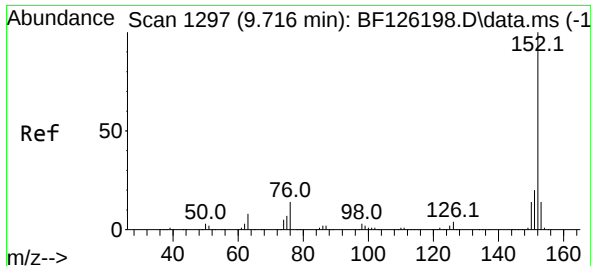
Ion Ratio Lower Upper

65 100

92 72.7 55.5 83.3

138 107.2 93.5 140.3





#49

Acenaphthylene

Concen: 42.944 ng

RT: 9.722 min Scan# 1298

Delta R.T. 0.006 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

Instrument :

BNA_F

ClientSampleId :

PB141443BS

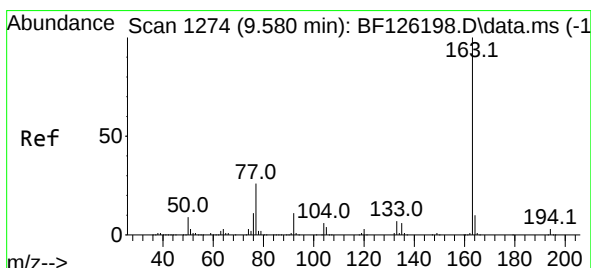
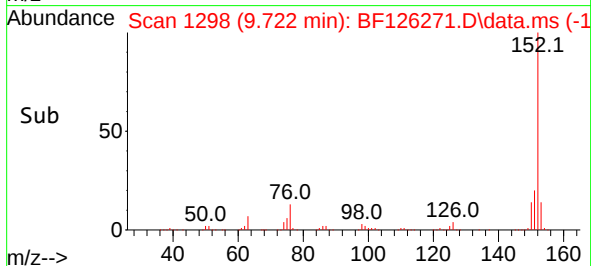
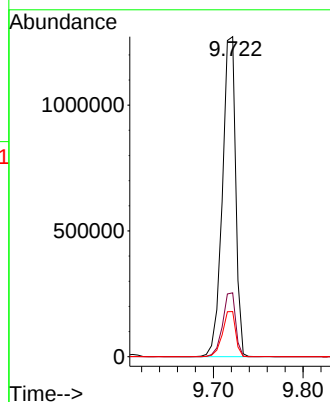
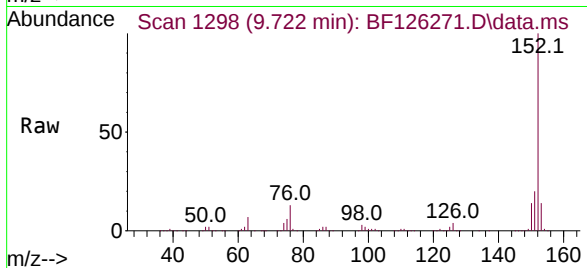
Tgt Ion:152 Resp: 1308358

Ion Ratio Lower Upper

152 100

151 20.0 15.7 23.5

153 14.1 9.8 14.8



#50

Dimethylphthalate

Concen: 41.849 ng

RT: 9.580 min Scan# 1274

Delta R.T. 0.000 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

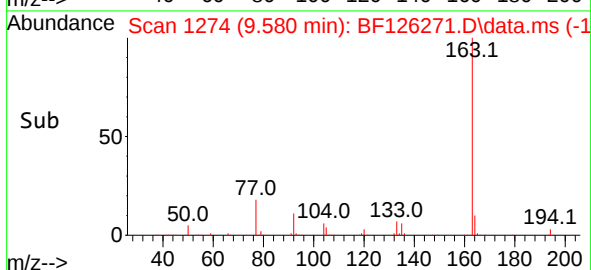
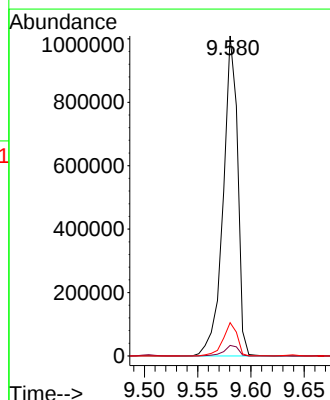
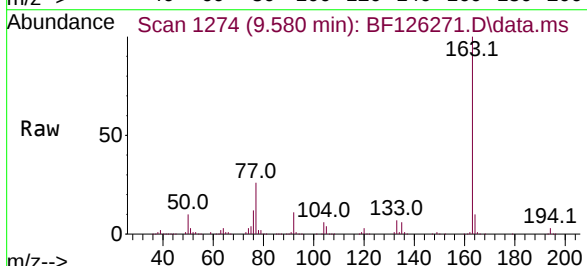
Tgt Ion:163 Resp: 950098

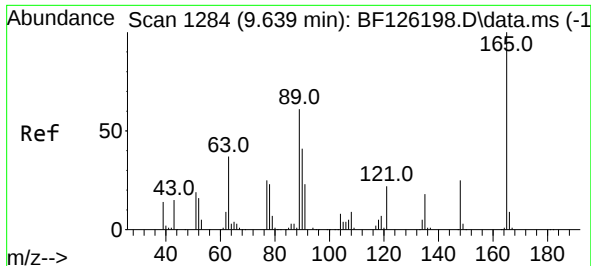
Ion Ratio Lower Upper

163 100

194 3.3 2.6 3.8

164 10.4 7.4 11.0

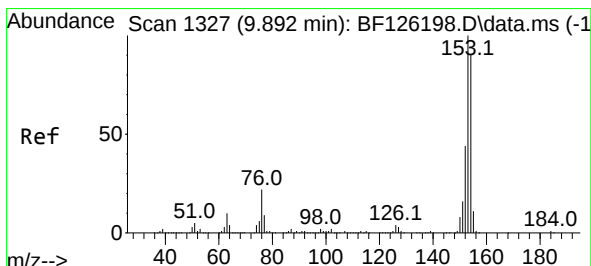
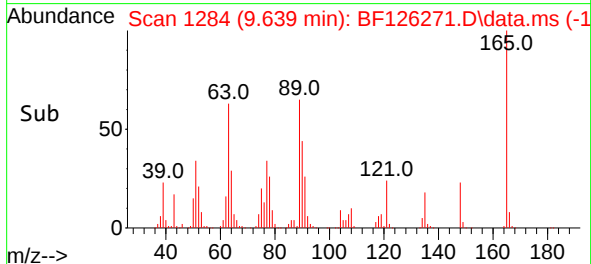
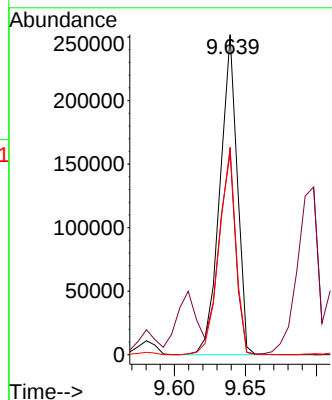
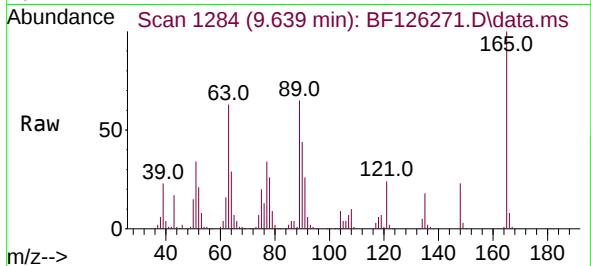




#51
2,6-Dinitrotoluene
Concen: 43.384 ng
RT: 9.639 min Scan# 1284
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

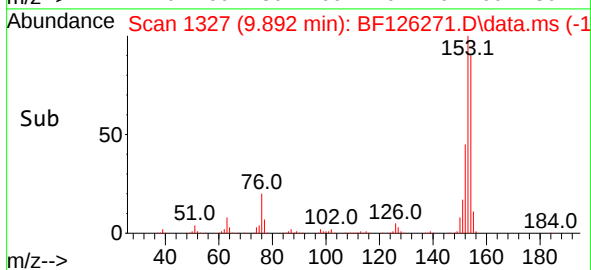
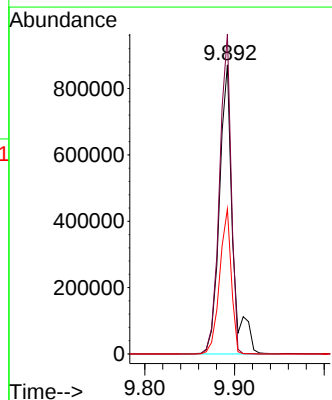
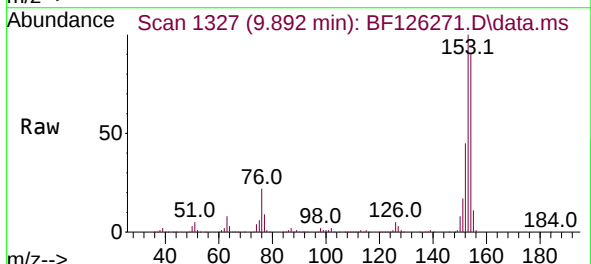
Instrument :
BNA_F
ClientSampleId :
PB141443BS

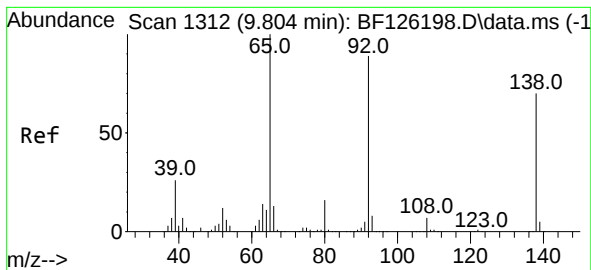
Tgt Ion:165 Resp: 213184
Ion Ratio Lower Upper
165 100
63 63.0 42.6 63.8
89 64.8 40.6 60.8#



#52
Acenaphthene
Concen: 45.161 ng
RT: 9.892 min Scan# 1327
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:154 Resp: 892283
Ion Ratio Lower Upper
154 100
153 110.7 89.4 134.2
152 50.2 40.5 60.7





#53

3-Nitroaniline

Concen: 30.655 ng

RT: 9.804 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

Instrument :

BNA_F

ClientSampleId :

PB141443BS

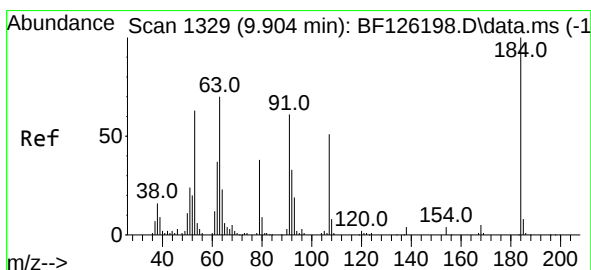
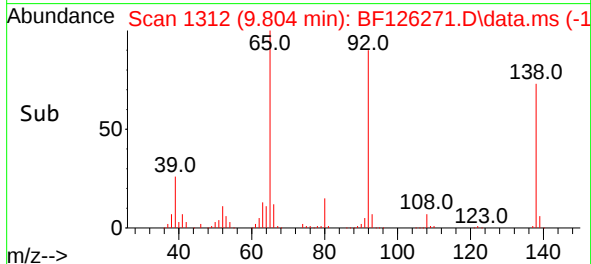
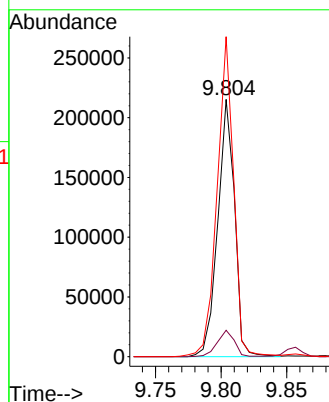
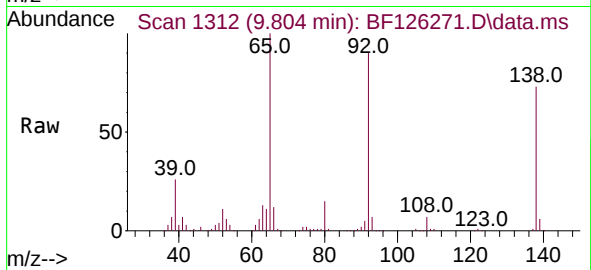
Tgt Ion:138 Resp: 191464

Ion Ratio Lower Upper

138 100

108 10.3 9.3 13.9

92 124.4 76.5 114.7#



#54

2,4-Dinitrophenol

Concen: 87.797 ng

RT: 9.910 min Scan# 1330

Delta R.T. 0.006 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

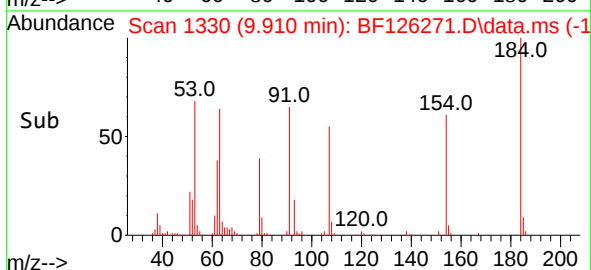
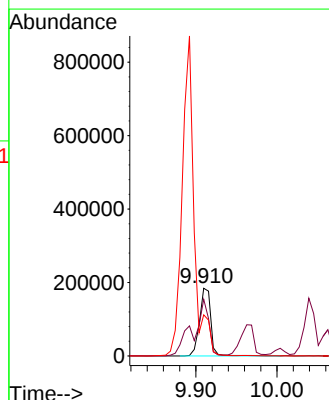
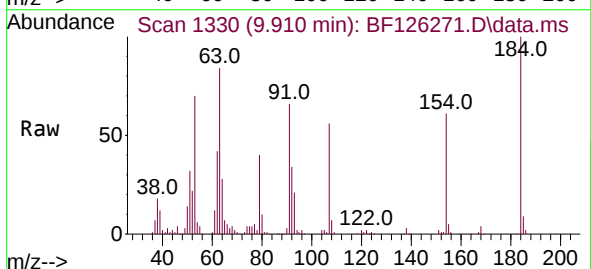
Tgt Ion:184 Resp: 177640

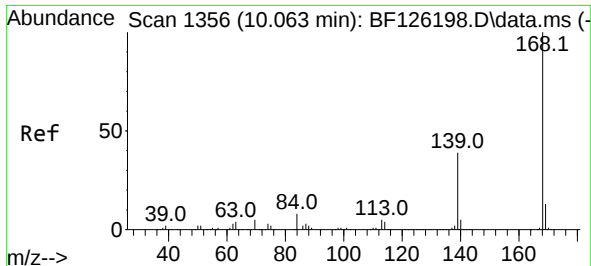
Ion Ratio Lower Upper

184 100

63 83.7 59.3 88.9

154 60.8 68.6 102.8#

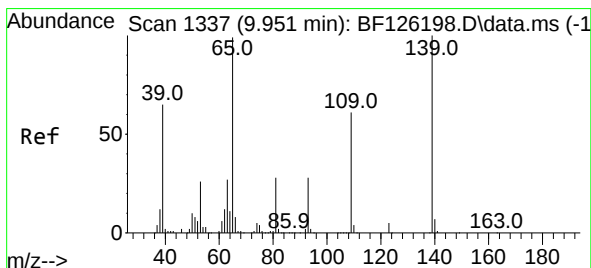
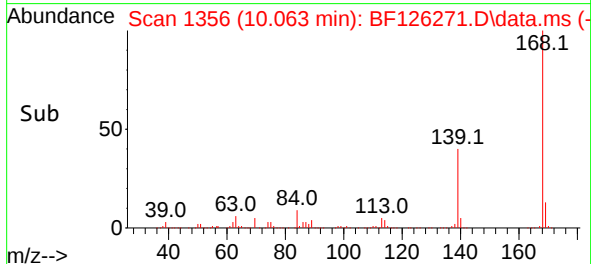
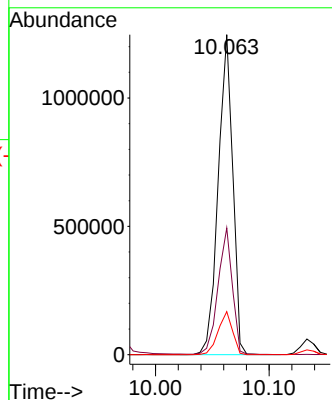
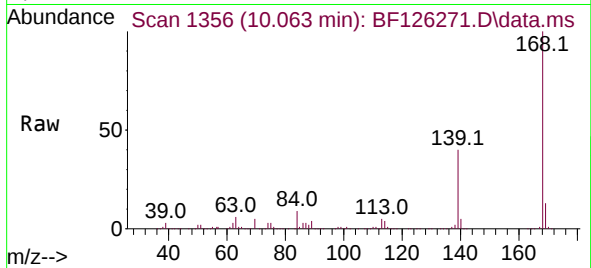




#55
Dibenzofuran
Concen: 41.279 ng
RT: 10.063 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

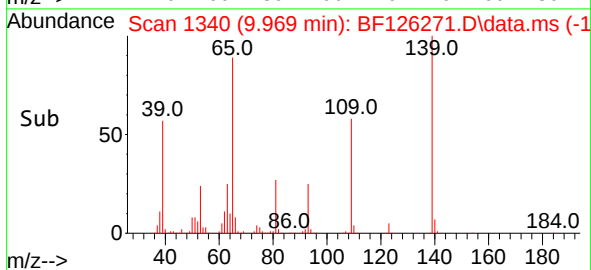
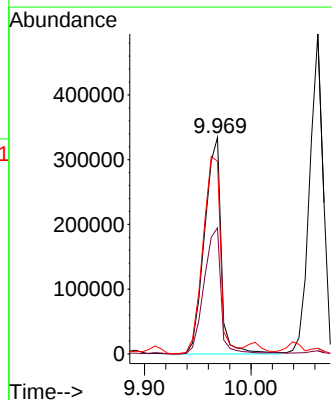
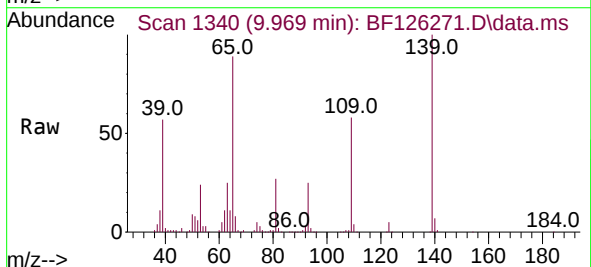
Instrument :
BNA_F
ClientSampleId :
PB141443BS

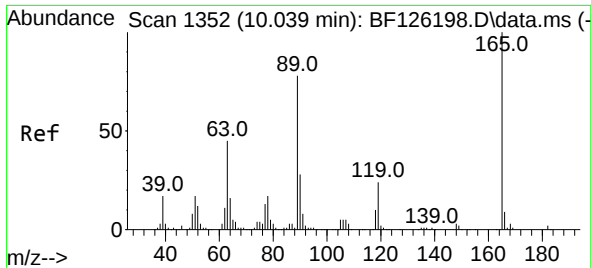
Tgt Ion:168 Resp: 1110399
Ion Ratio Lower Upper
168 100
139 39.6 32.7 49.1
169 13.4 11.2 16.8



#56
4-Nitrophenol
Concen: 80.415 ng
RT: 9.969 min Scan# 1340
Delta R.T. 0.018 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

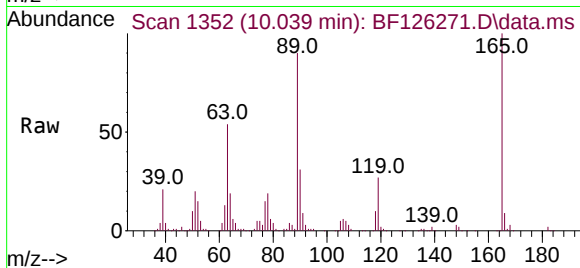
Tgt Ion:139 Resp: 362788
Ion Ratio Lower Upper
139 100
109 58.2 60.4 100.4#
65 89.1 58.4 98.4



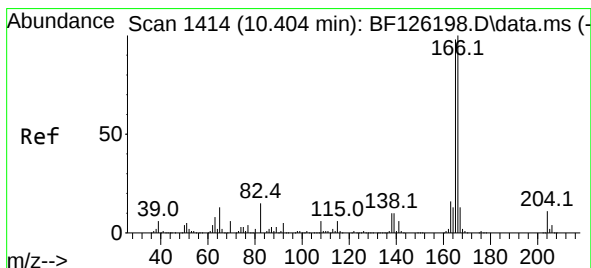
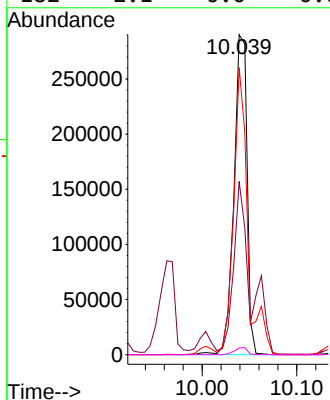
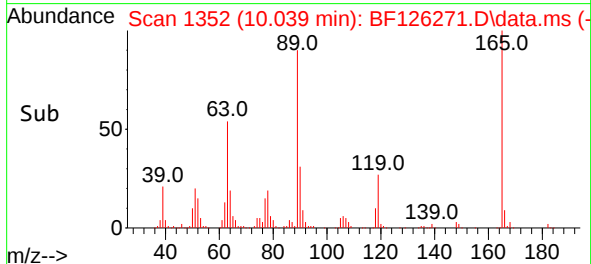


#57
2,4-Dinitrotoluene
Concen: 44.590 ng
RT: 10.039 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

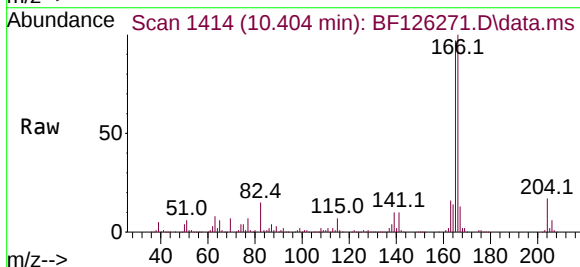
Instrument :
BNA_F
ClientSampleId :
PB141443BS



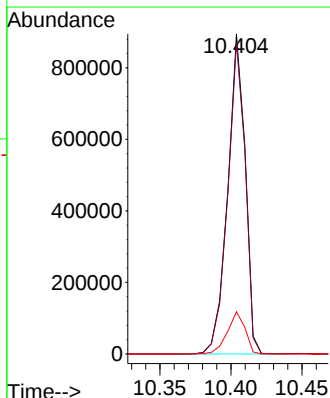
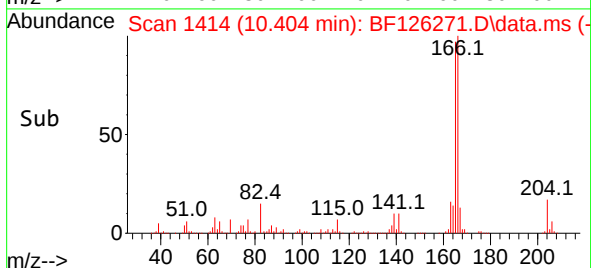
Tgt Ion:165 Resp: 279501
Ion Ratio Lower Upper
165 100
63 54.1 40.9 61.3
89 89.7 59.7 89.5#
182 2.1 0.0 0.0#

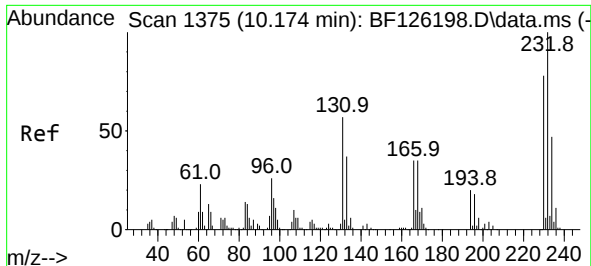


#58
Fluorene
Concen: 39.365 ng
RT: 10.404 min Scan# 1414
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21



Tgt Ion:166 Resp: 766604
Ion Ratio Lower Upper
166 100
165 97.3 78.1 117.1
167 13.2 11.1 16.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 41.216 ng

RT: 10.180 min Scan# 1376

Delta R.T. 0.006 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

Instrument :

BNA_F

ClientSampleId :

PB141443BS

Tgt Ion:232 Resp: 192566

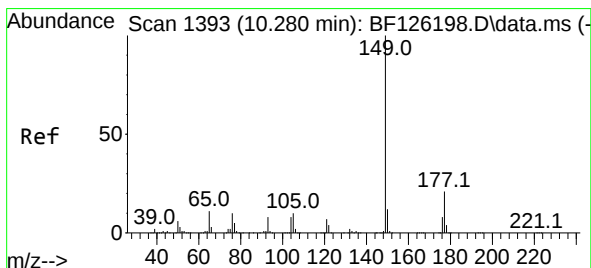
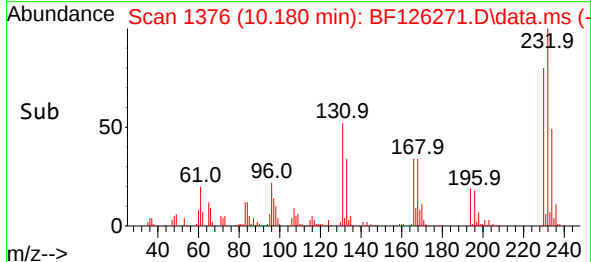
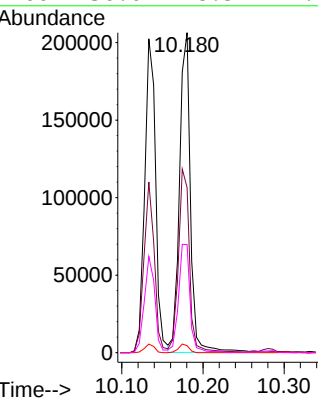
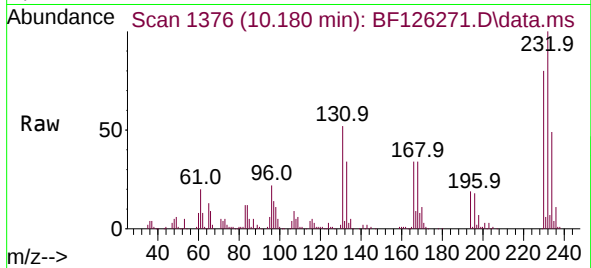
Ion Ratio Lower Upper

232 100

131 58.4 45.4 68.0

130 2.5 0.0 0.0#

166 36.0 28.5 42.7



#60

Diethylphthalate

Concen: 40.999 ng

RT: 10.280 min Scan# 1393

Delta R.T. 0.000 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

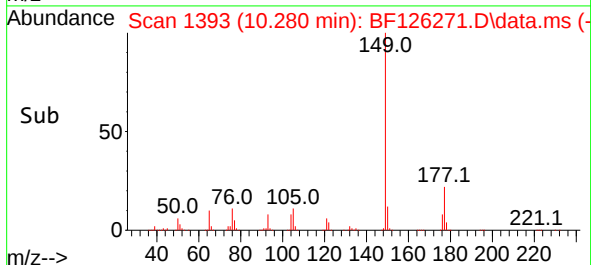
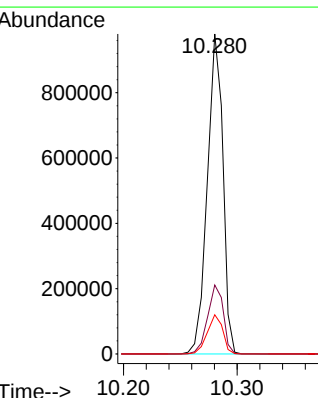
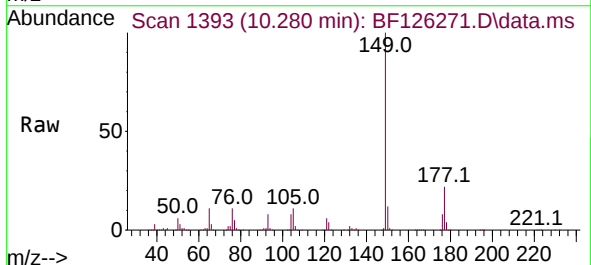
Tgt Ion:149 Resp: 935396

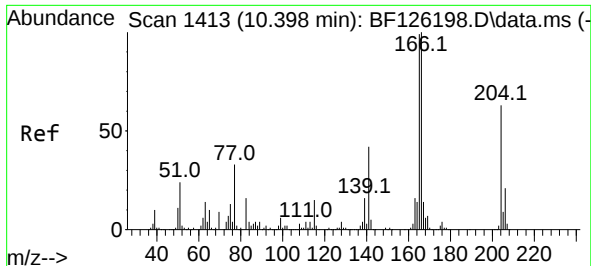
Ion Ratio Lower Upper

149 100

177 21.5 16.5 24.7

150 12.3 10.1 15.1

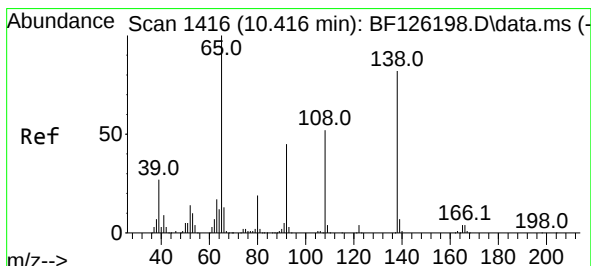
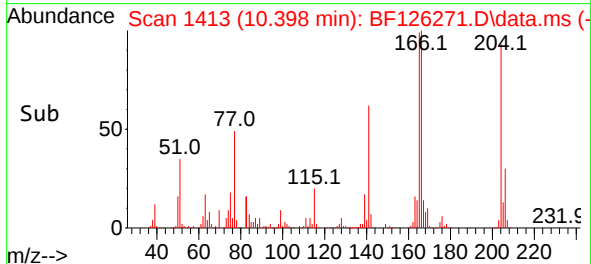
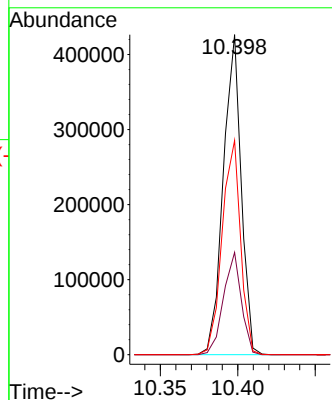
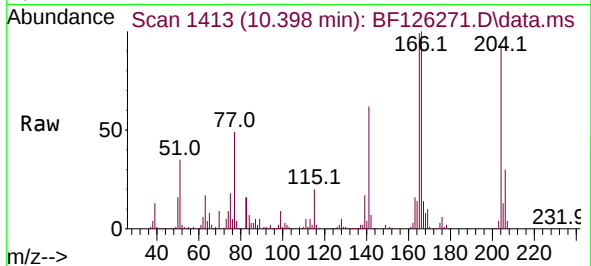




#61
4-Chlorophenyl-phenylether
Concen: 39.057 ng
RT: 10.398 min Scan# 1413
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

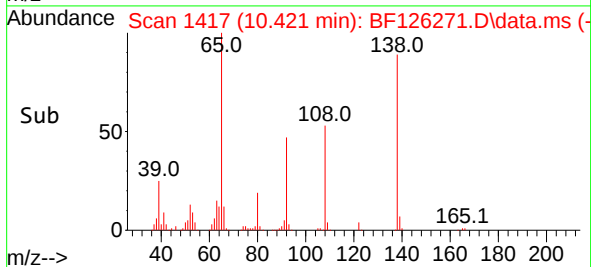
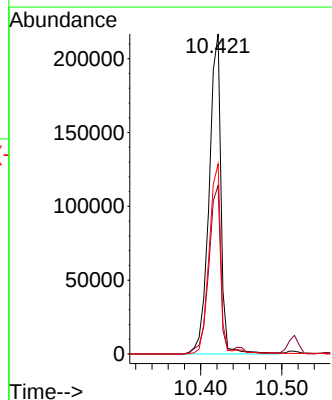
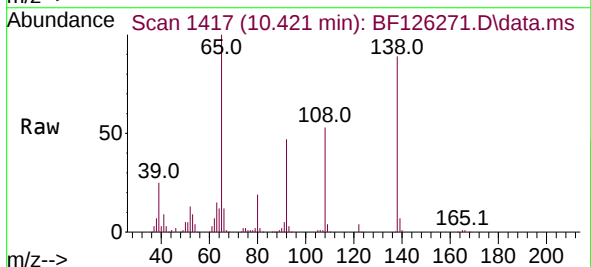
Instrument :
BNA_F
ClientSampleId :
PB141443BS

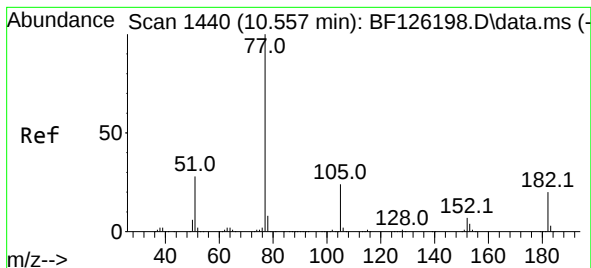
Tgt Ion:204 Resp: 342461
Ion Ratio Lower Upper
204 100
206 32.0 27.6 41.4
141 67.0 58.6 88.0



#62
4-Nitroaniline
Concen: 41.915 ng
RT: 10.421 min Scan# 1417
Delta R.T. 0.006 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:138 Resp: 219607
Ion Ratio Lower Upper
138 100
92 52.7 29.6 69.6
108 59.3 78.1 118.1#

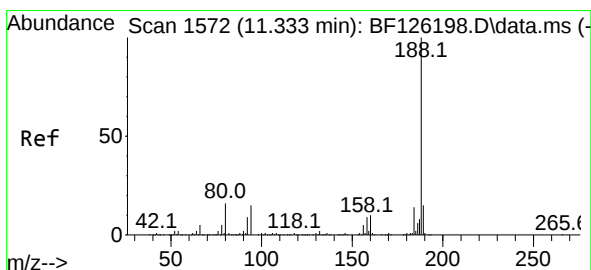
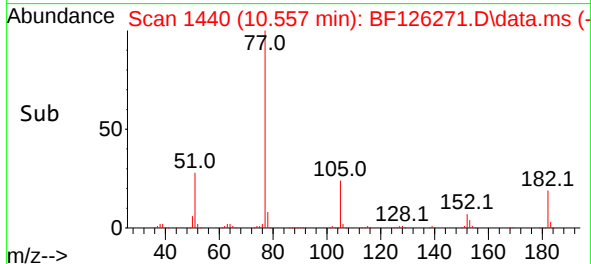
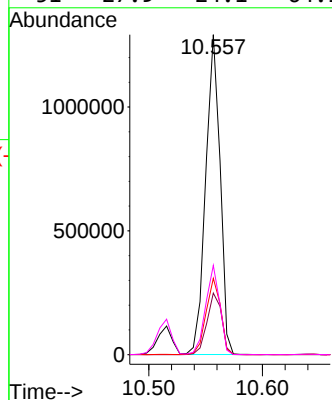
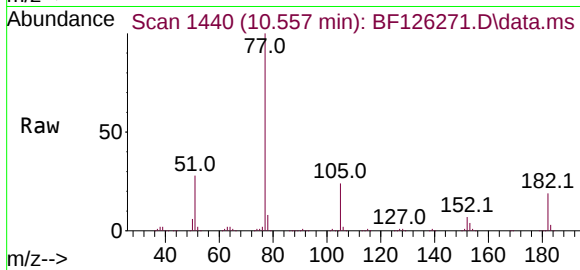




#63
Azobenzene
Concen: 40.980 ng
RT: 10.557 min Scan# 1440
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

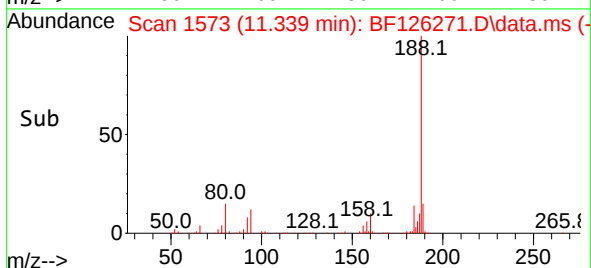
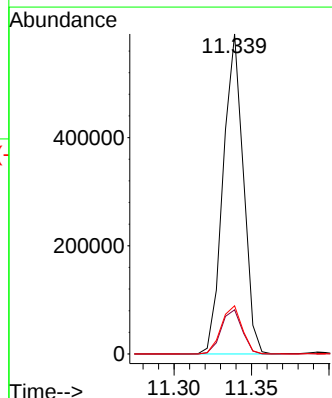
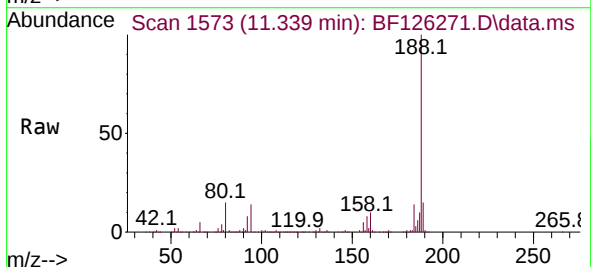
Instrument :
BNA_F
ClientSampleId :
PB141443BS

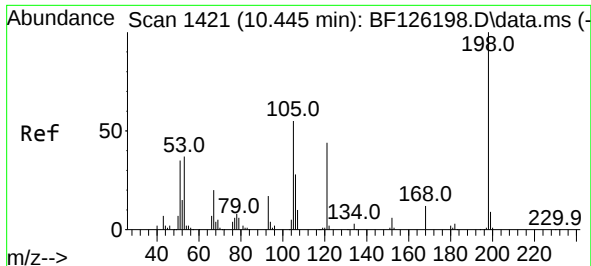
Tgt Ion: 77 Resp: 1132443
Ion Ratio Lower Upper
77 100
182 19.3 6.3 46.3
105 23.8 2.9 42.9
51 27.9 24.1 64.1



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.339 min Scan# 1573
Delta R.T. 0.006 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:188 Resp: 535849
Ion Ratio Lower Upper
188 100
94 13.8 6.7 10.1#
80 15.1 7.5 11.3#

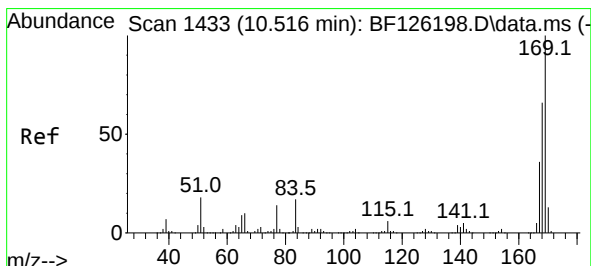
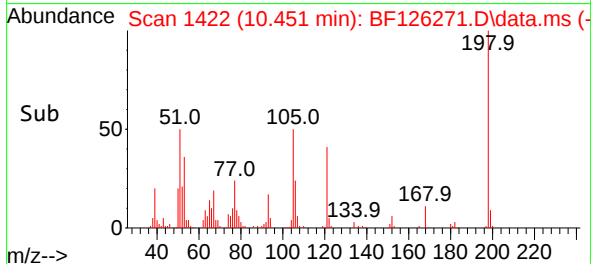
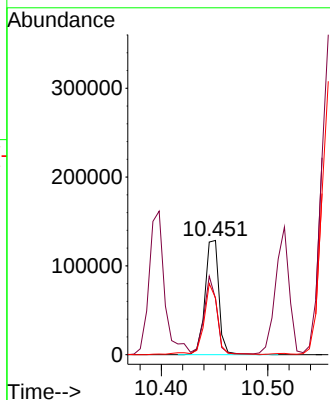
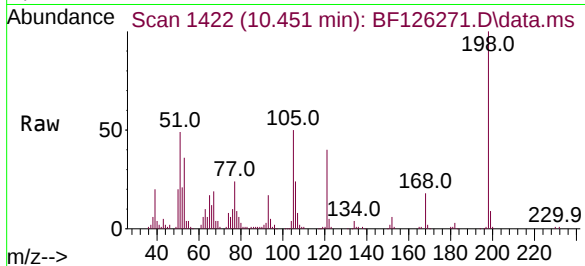




#65
4,6-Dinitro-2-methylphenol
Concen: 39.842 ng
RT: 10.451 min Scan# 1421
Delta R.T. 0.006 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

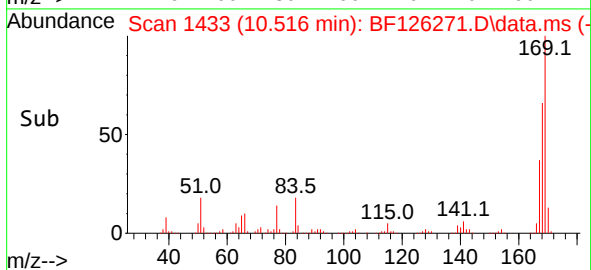
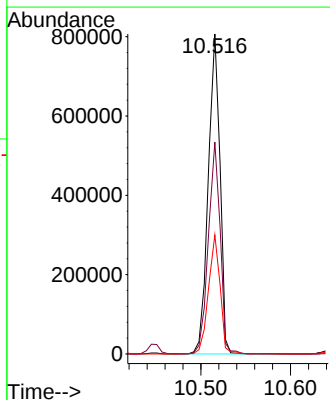
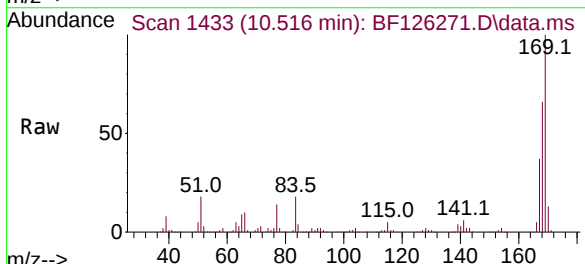
Instrument :
BNA_F
ClientSampleId :
PB141443BS

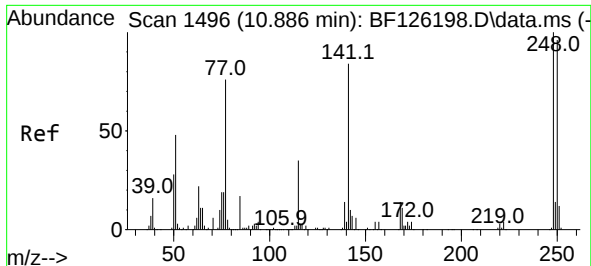
Tgt Ion:198 Resp: 116579
Ion Ratio Lower Upper
198 100
51 49.1 45.3 85.3
105 49.8 30.6 70.6



#66
n-Nitrosodiphenylamine
Concen: 42.588 ng
RT: 10.516 min Scan# 1433
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:169 Resp: 732398
Ion Ratio Lower Upper
169 100
168 66.2 50.8 76.2
167 37.2 28.8 43.2

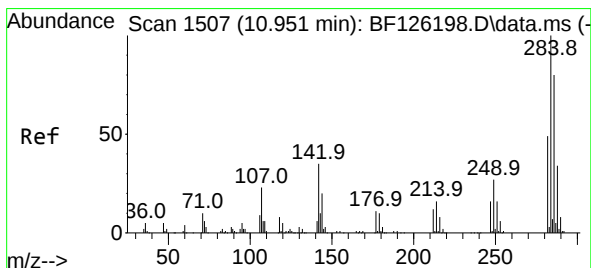
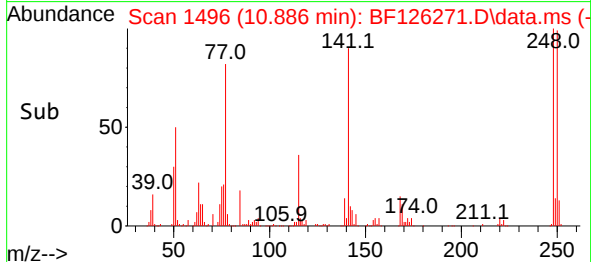
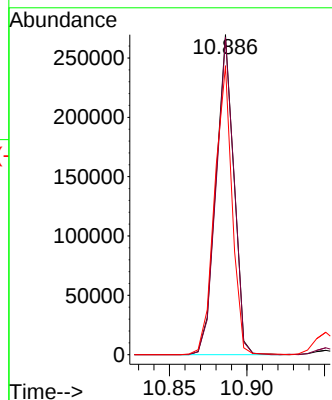
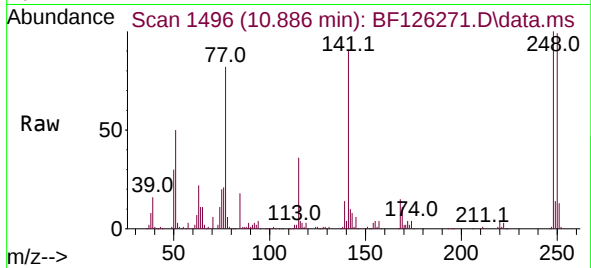




#67
4-Bromophenyl-phenylether
Concen: 42.891 ng
RT: 10.886 min Scan# 1496
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

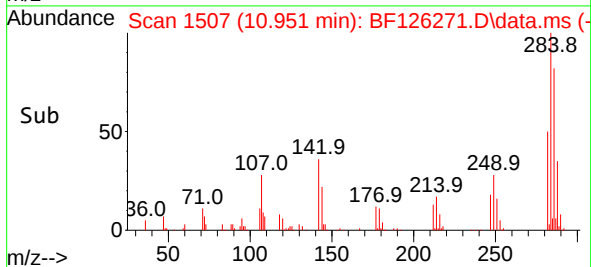
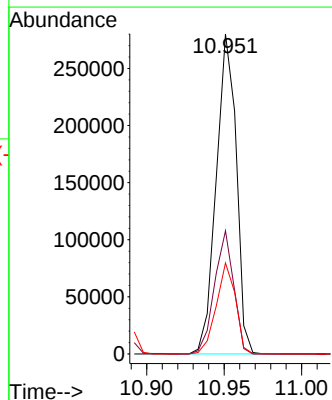
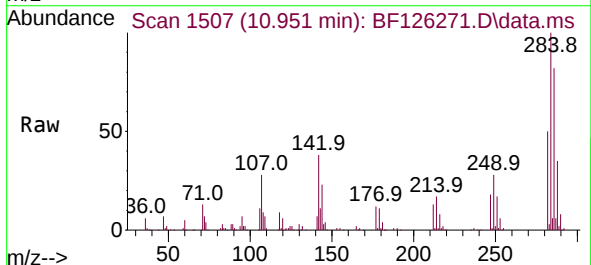
Instrument :
BNA_F
ClientSampleId :
PB141443BS

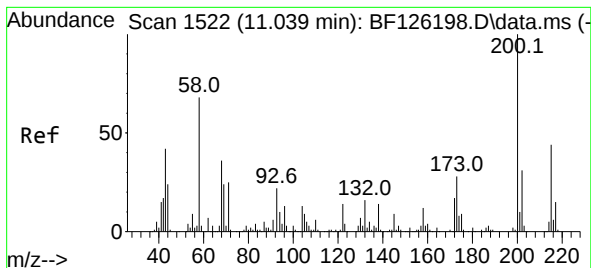
Tgt Ion:248 Resp: 215703
Ion Ratio Lower Upper
248 100
250 99.1 74.2 111.4
141 90.3 60.4 90.6



#68
Hexachlorobenzene
Concen: 43.572 ng
RT: 10.951 min Scan# 1507
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:284 Resp: 252017
Ion Ratio Lower Upper
284 100
142 38.5 36.4 54.6
249 28.5 25.6 38.4





#69

Atrazine

Concen: 69.348 ng

RT: 11.045 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

Instrument :

BNA_F

ClientSampleId :

PB141443BS

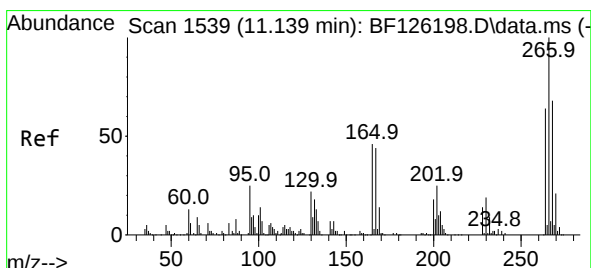
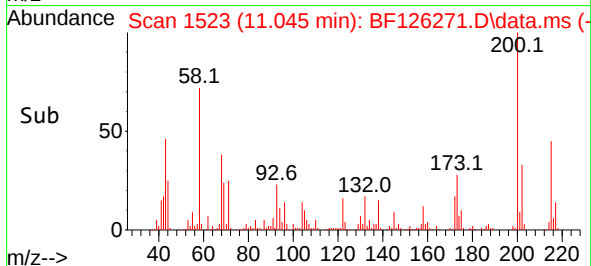
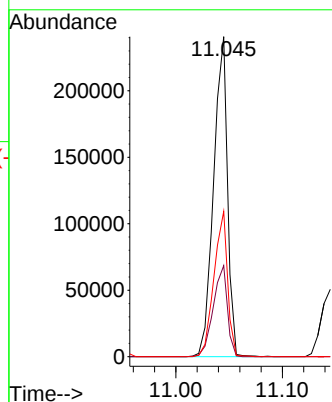
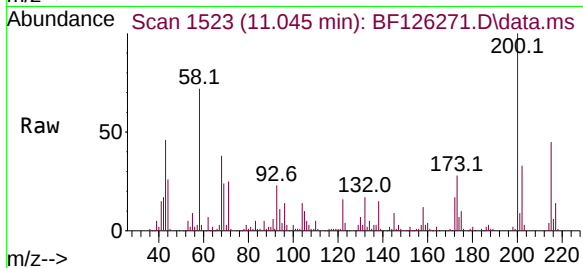
Tgt Ion:200 Resp: 218553

Ion Ratio Lower Upper

200 100

173 28.4 11.1 51.1

215 45.4 22.7 62.7



#70

Pentachlorophenol

Concen: 76.970 ng

RT: 11.145 min Scan# 1540

Delta R.T. 0.006 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

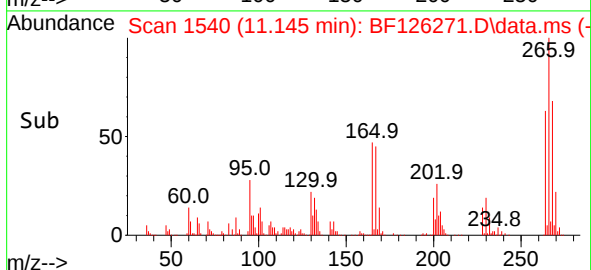
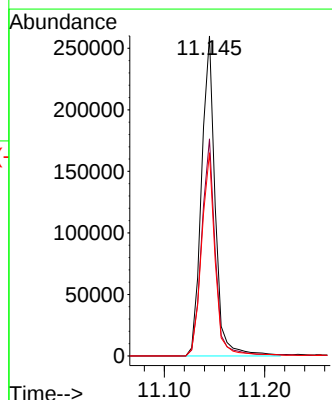
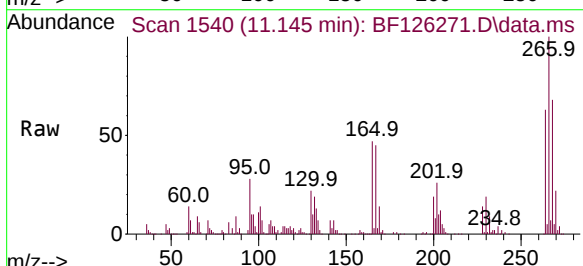
Tgt Ion:266 Resp: 246983

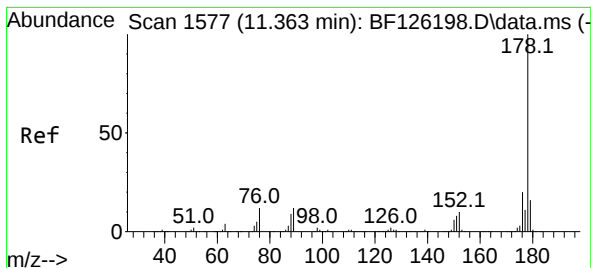
Ion Ratio Lower Upper

266 100

268 67.9 48.9 73.3

264 63.5 55.9 83.9





#71

Phenanthrene

Concen: 42.217 ng

RT: 11.363 min Scan# 1577

Delta R.T. 0.000 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

Instrument :

BNA_F

ClientSampleId :

PB141443BS

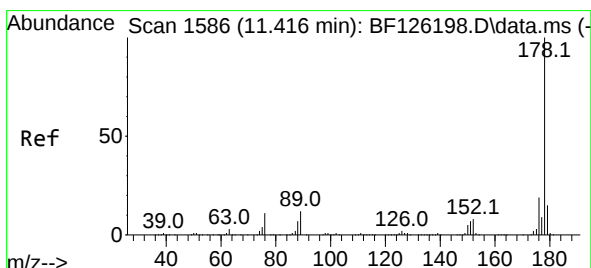
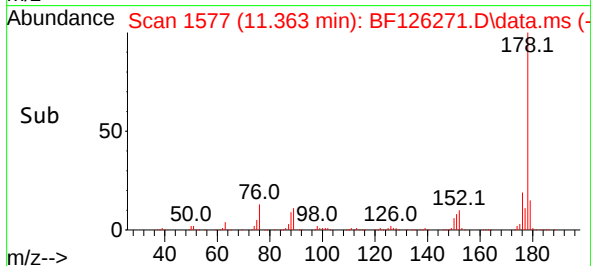
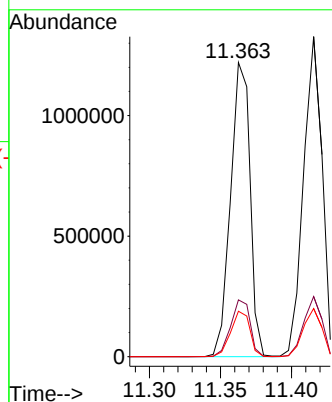
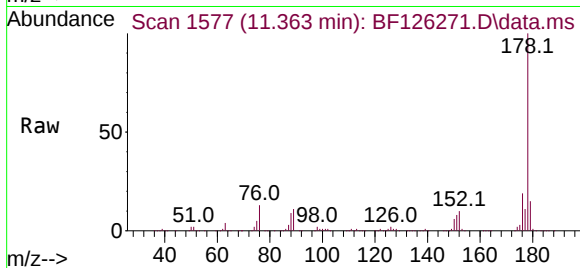
Tgt Ion:178 Resp: 1167597

Ion Ratio Lower Upper

178 100

176 19.3 14.7 22.1

179 15.5 11.5 17.3



#72

Anthracene

Concen: 43.422 ng

RT: 11.416 min Scan# 1586

Delta R.T. 0.000 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

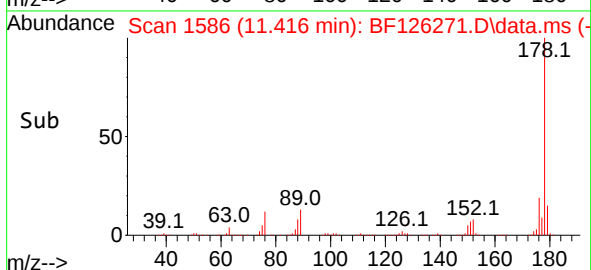
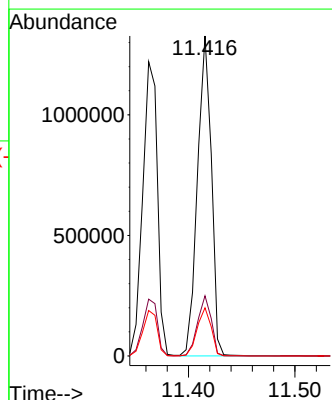
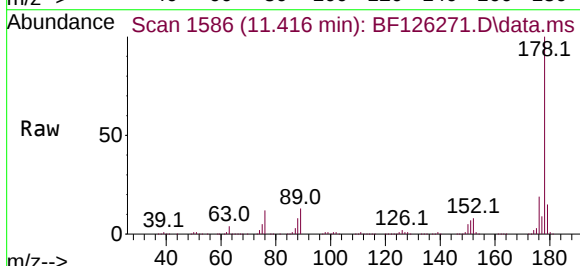
Tgt Ion:178 Resp: 1205383

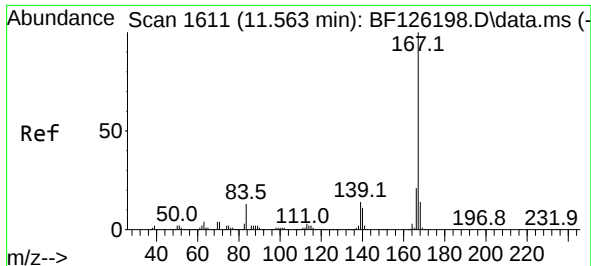
Ion Ratio Lower Upper

178 100

176 18.8 14.3 21.5

179 15.0 12.2 18.4

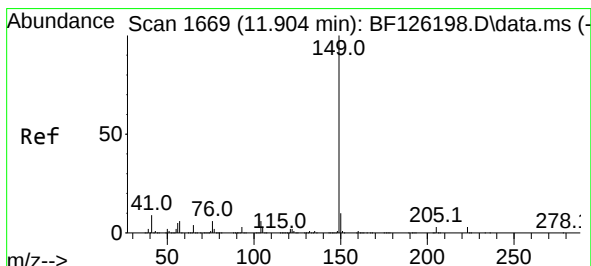
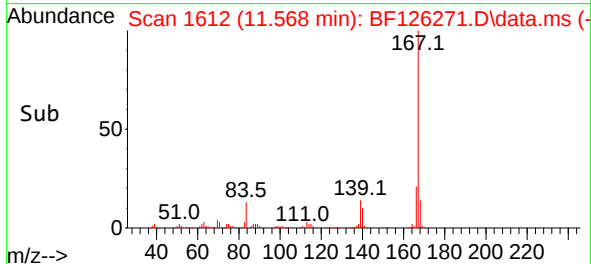
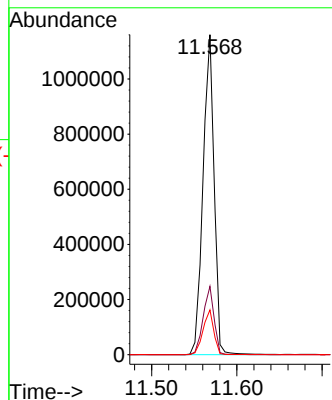
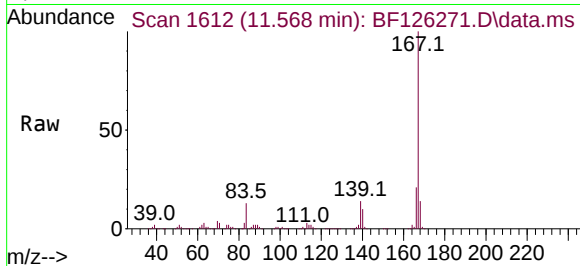




#73
 Carbazole
 Concen: 40.250 ng
 RT: 11.568 min Scan# 1611
 Delta R.T. 0.006 min
 Lab File: BF126271.D
 Acq: 20 Dec 2021 11:21

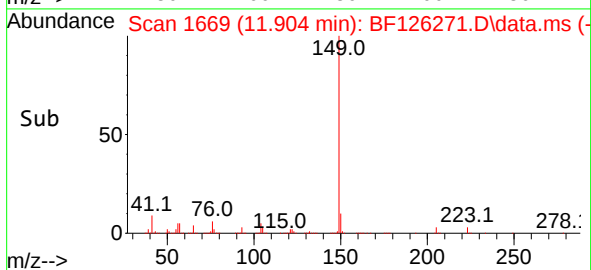
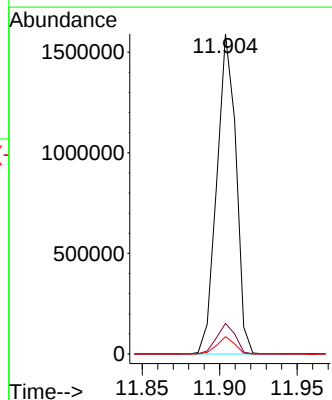
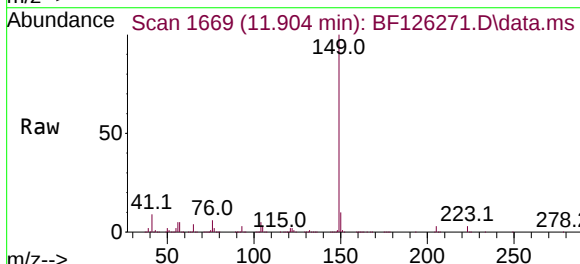
Instrument :
 BNA_F
 ClientSampleId :
 PB141443BS

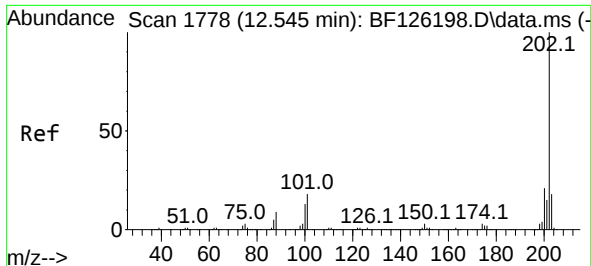
Tgt Ion:167 Resp: 1052223
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.4 26.0
 139 14.0 11.0 16.4



#74
 Di-n-butylphthalate
 Concen: 41.327 ng
 RT: 11.904 min Scan# 1669
 Delta R.T. 0.000 min
 Lab File: BF126271.D
 Acq: 20 Dec 2021 11:21

Tgt Ion:149 Resp: 1369585
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.4 11.2
 104 5.4 4.1 6.1

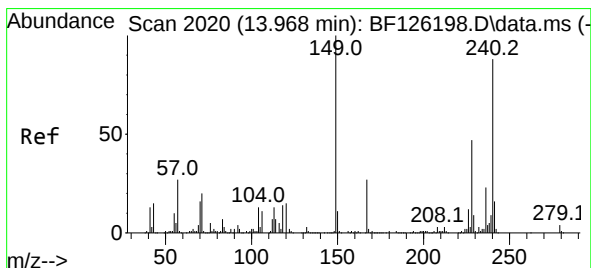
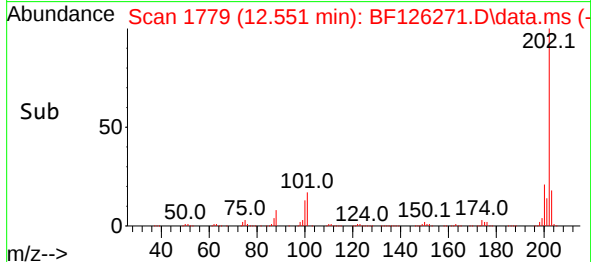
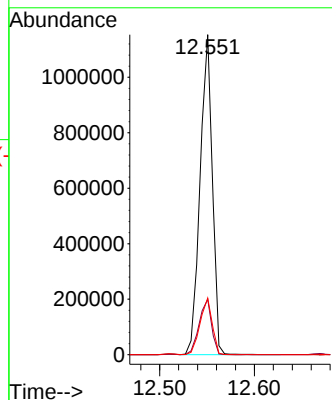
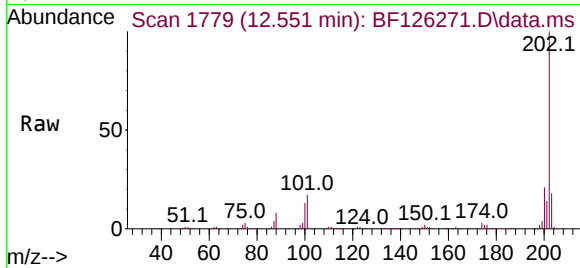




#75
Fluoranthene
Concen: 41.609 ng
RT: 12.551 min Scan# 1
Delta R.T. 0.006 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

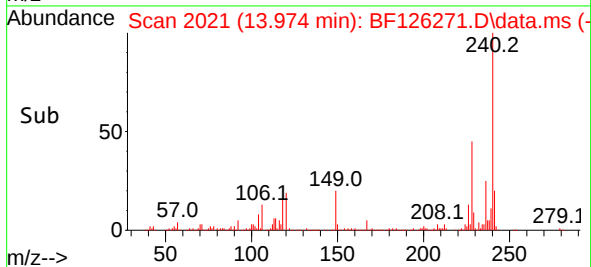
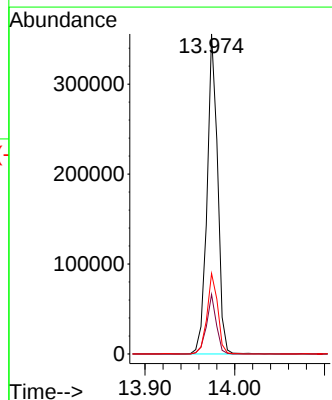
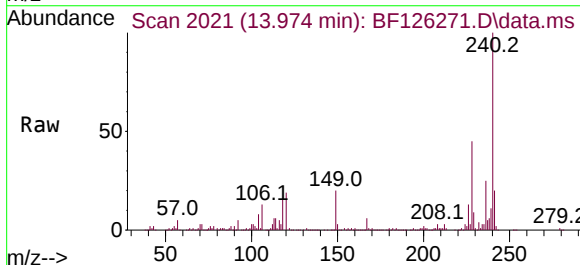
Instrument :
BNA_F
ClientSampleId :
PB141443BS

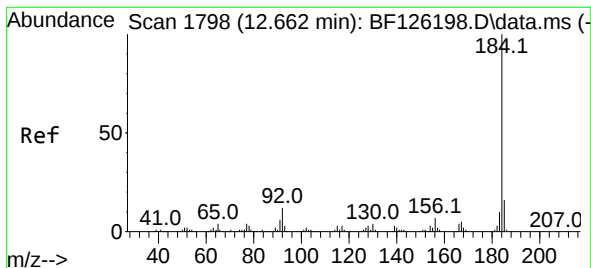
Tgt Ion:202 Resp: 1036825
Ion Ratio Lower Upper
202 100
101 17.3 0.0 30.7
203 17.7 0.0 36.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.974 min Scan# 2021
Delta R.T. 0.006 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:240 Resp: 290213
Ion Ratio Lower Upper
240 100
120 18.6 10.8 16.2#
236 25.2 21.6 32.4





#77

Benzidine

Concen: 97.018 ng

RT: 12.668 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

Instrument :

BNA_F

ClientSampleId :

PB141443BS

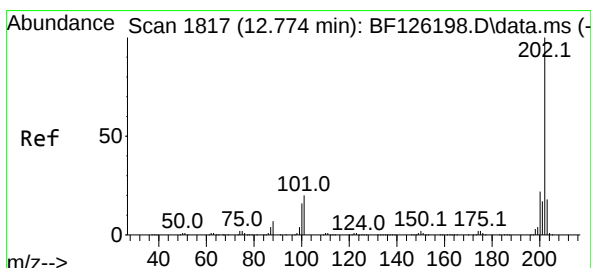
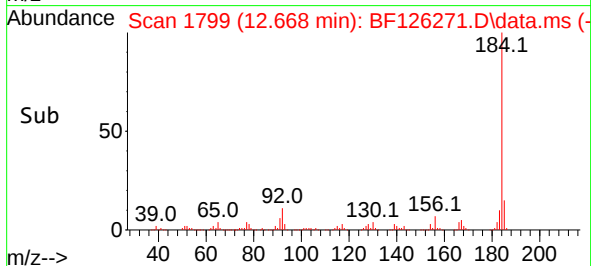
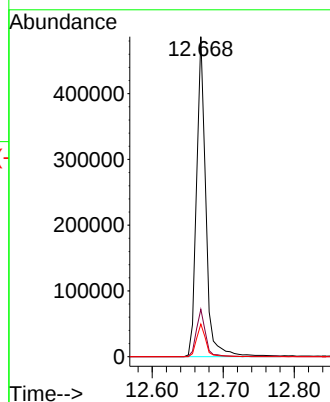
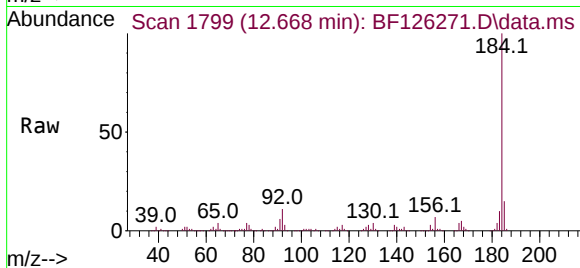
Tgt Ion:184 Resp: 443892

Ion Ratio Lower Upper

184 100

185 14.8 10.8 16.2

183 10.2 8.1 12.1



#78

Pyrene

Concen: 39.817 ng

RT: 12.780 min Scan# 1818

Delta R.T. 0.006 min

Lab File: BF126271.D

Acq: 20 Dec 2021 11:21

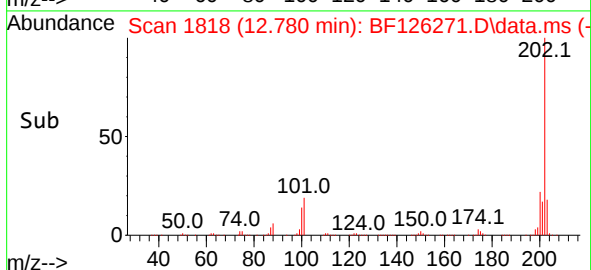
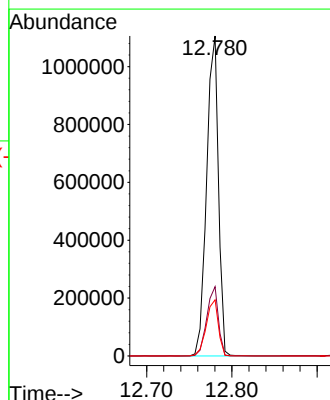
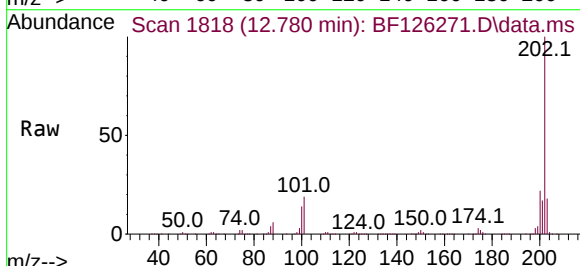
Tgt Ion:202 Resp: 1061616

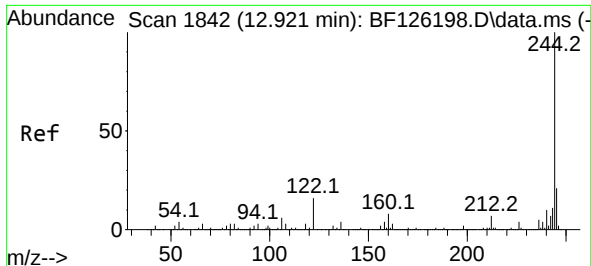
Ion Ratio Lower Upper

202 100

200 21.7 15.3 22.9

203 17.6 13.4 20.0

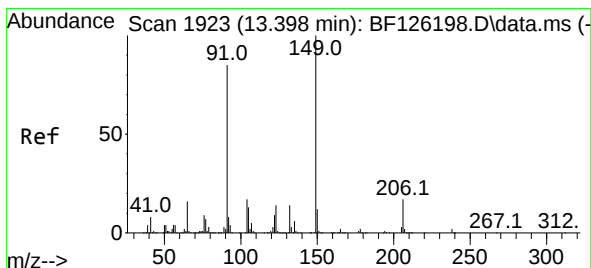
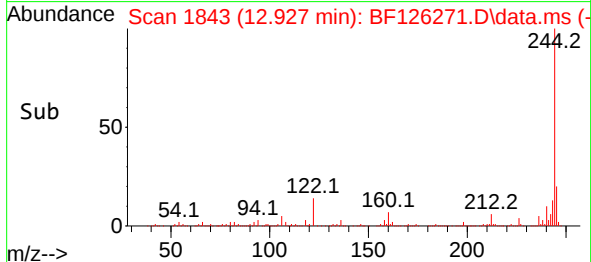
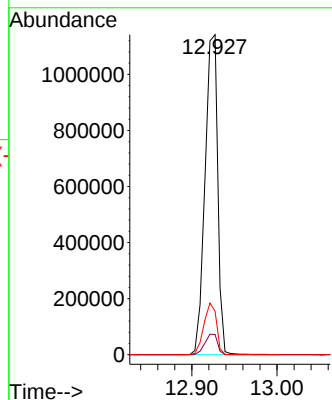
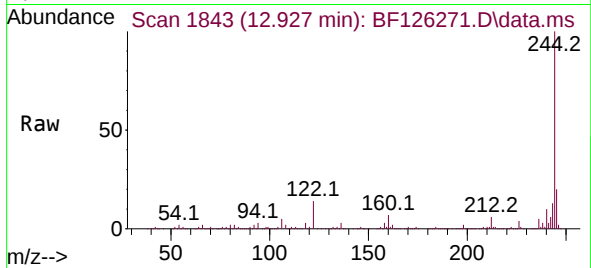




#79
 Terphenyl-d14
 Concen: 70.872 ng
 RT: 12.927 min Scan# 1843
 Delta R.T. 0.006 min
 Lab File: BF126271.D
 Acq: 20 Dec 2021 11:21

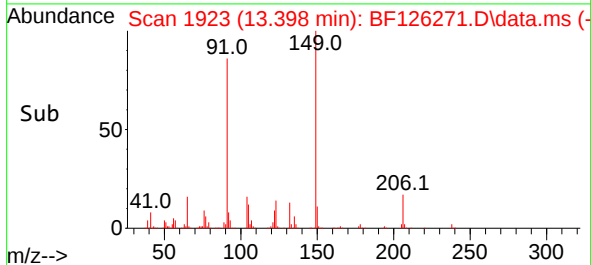
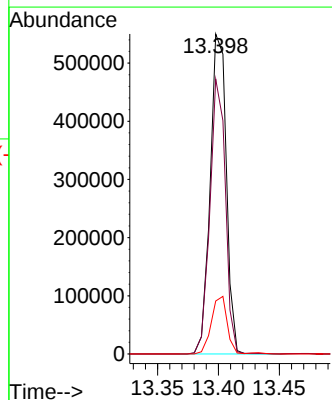
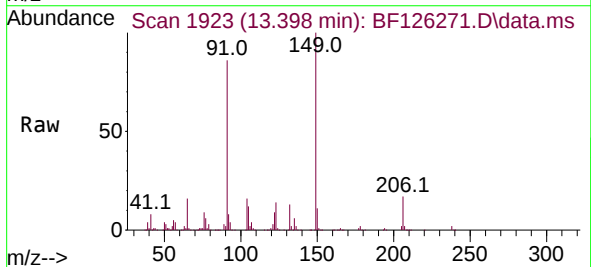
Instrument :
 BNA_F
 ClientSampleId :
 PB141443BS

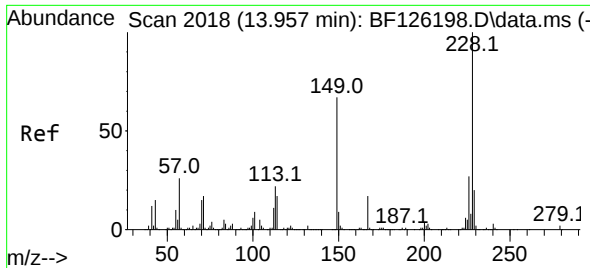
Tgt Ion:244 Resp: 1183352
 Ion Ratio Lower Upper
 244 100
 212 6.3 5.9 8.9
 122 13.6 9.0 13.4#



#80
 Butylbenzylphthalate
 Concen: 40.518 ng
 RT: 13.398 min Scan# 1923
 Delta R.T. 0.000 min
 Lab File: BF126271.D
 Acq: 20 Dec 2021 11:21

Tgt Ion:149 Resp: 508371
 Ion Ratio Lower Upper
 149 100
 91 85.9 51.8 77.8#
 206 16.6 14.5 21.7

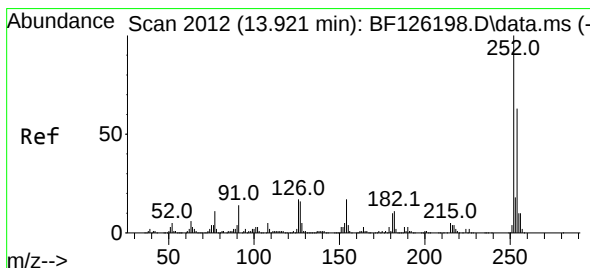
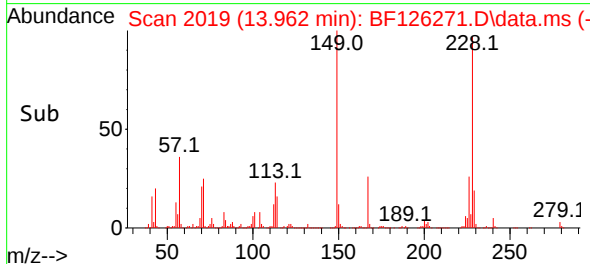
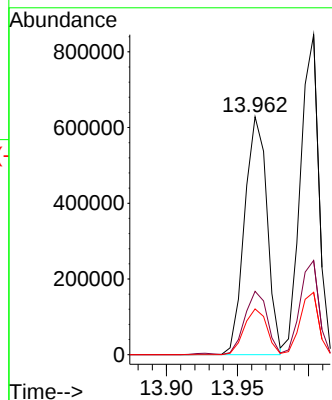
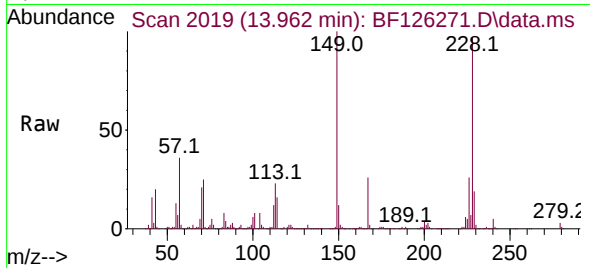




#81
Benzo(a)anthracene
Concen: 40.229 ng
RT: 13.962 min Scan# 2018
Delta R.T. 0.006 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

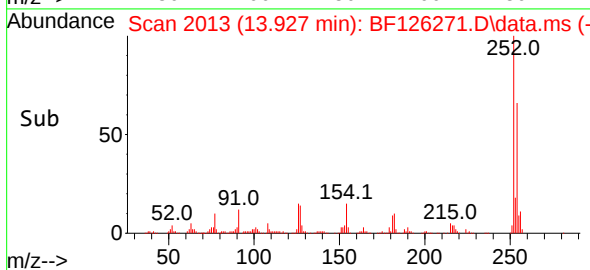
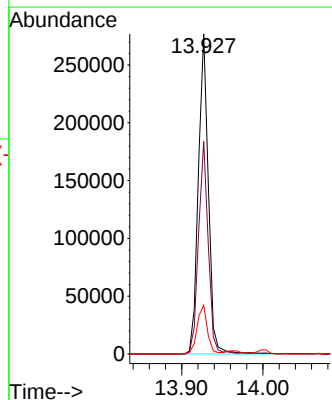
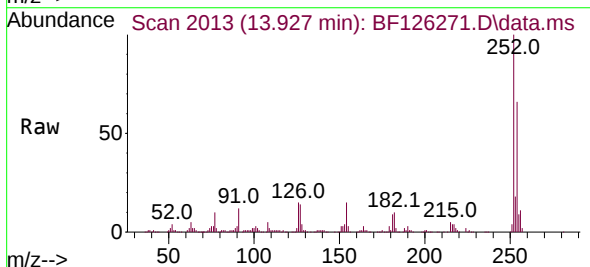
Instrument :
BNA_F
ClientSampleId :
PB141443BS

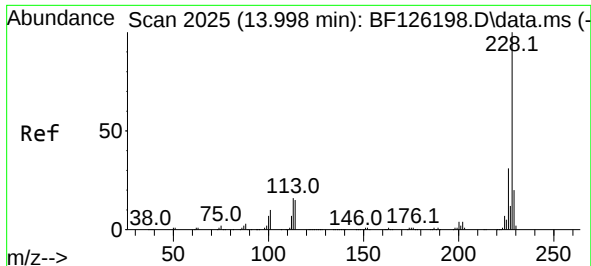
Tgt Ion:228 Resp: 691556
Ion Ratio Lower Upper
228 100
226 26.6 21.6 32.4
229 19.2 15.6 23.4



#82
3,3'-Dichlorobenzidine
Concen: 30.525 ng
RT: 13.927 min Scan# 2013
Delta R.T. 0.006 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:252 Resp: 239735
Ion Ratio Lower Upper
252 100
254 66.4 51.4 77.0
126 15.3 9.5 14.3#

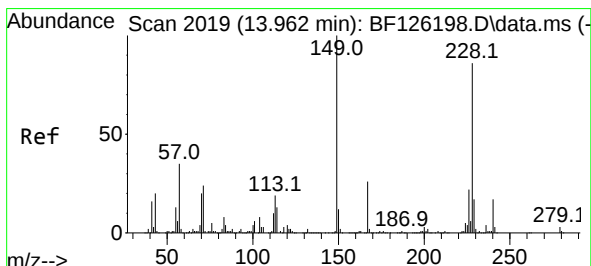
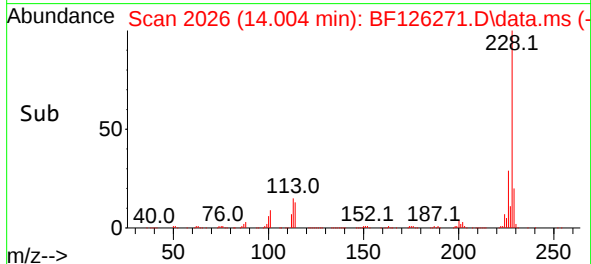
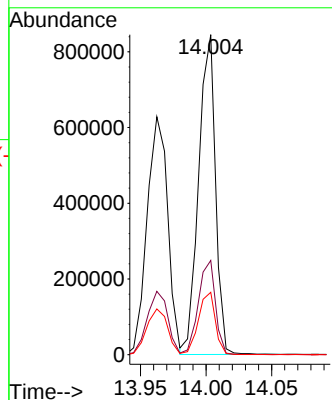
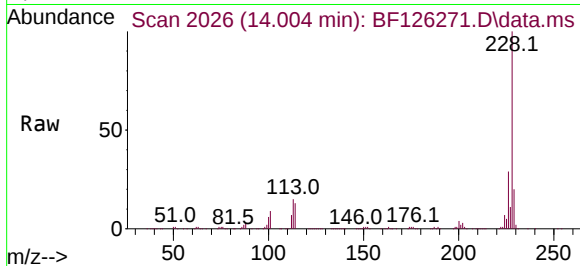




#83
Chrysene
Concen: 42.440 ng
RT: 14.004 min Scan# 2026
Delta R.T. 0.006 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

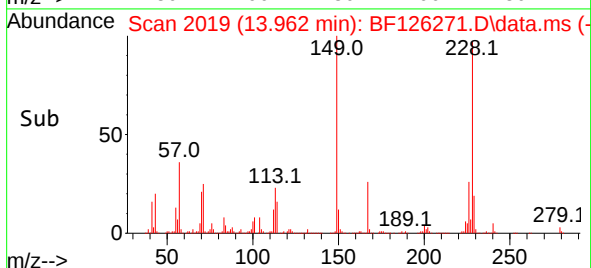
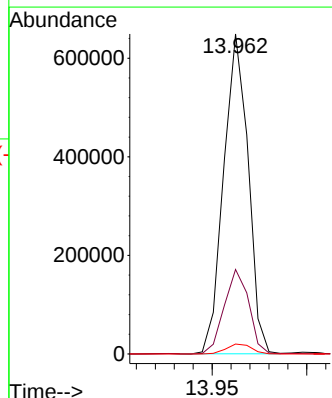
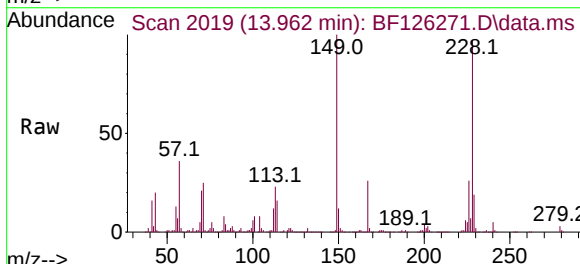
Instrument :
BNA_F
ClientSampleId :
PB141443BS

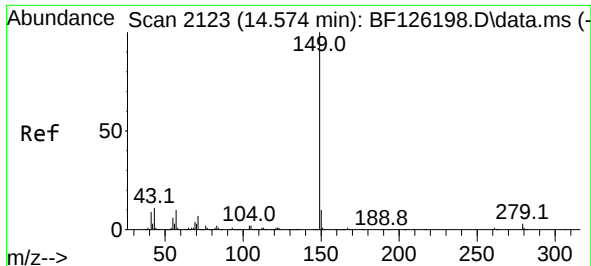
Tgt Ion:228 Resp: 758030
Ion Ratio Lower Upper
228 100
226 29.4 22.6 34.0
229 19.5 15.9 23.9



#84
Bis(2-ethylhexyl)phthalate
Concen: 41.642 ng
RT: 13.962 min Scan# 2019
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:149 Resp: 583841
Ion Ratio Lower Upper
149 100
167 26.4 21.4 32.0
279 3.1 2.6 4.0

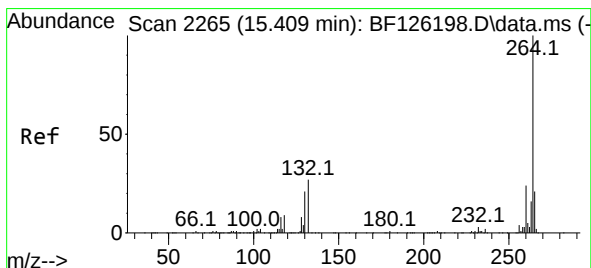
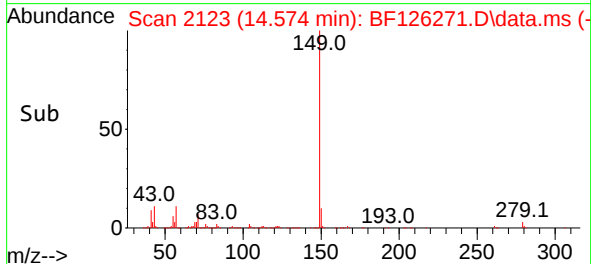
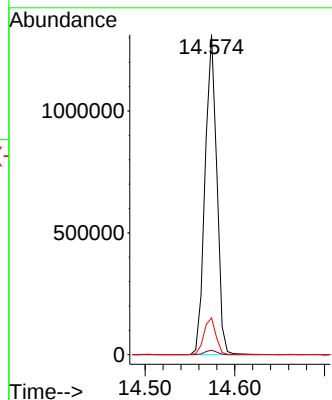
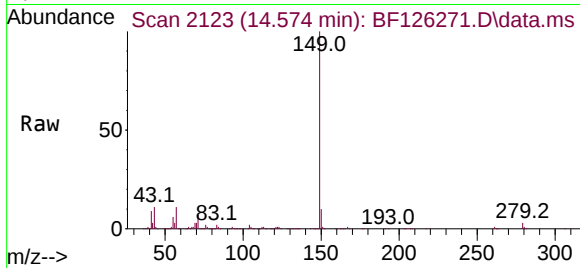




#85
Di-n-octyl phthalate
Concen: 47.689 ng
RT: 14.574 min Scan# 2123
Delta R.T. 0.000 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

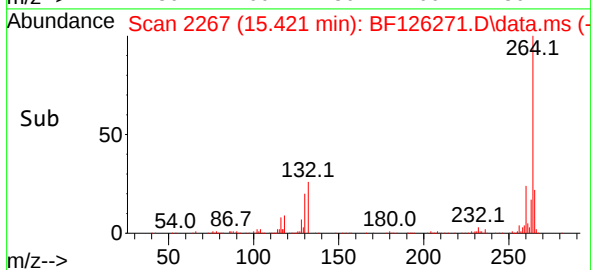
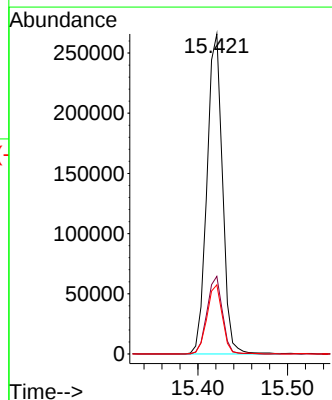
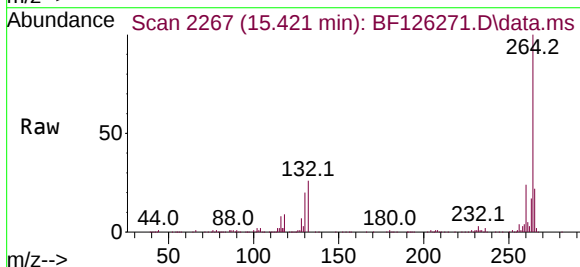
Instrument :
BNA_F
ClientSampleId :
PB141443BS

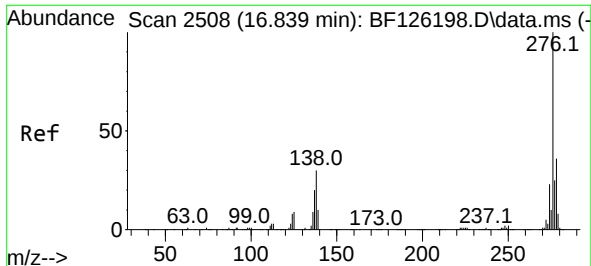
Tgt Ion:149 Resp: 1191938
Ion Ratio Lower Upper
149 100
167 1.4 1.0 1.6
43 11.6 9.9 14.9



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.421 min Scan# 2267
Delta R.T. 0.012 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:264 Resp: 318920
Ion Ratio Lower Upper
264 100
260 24.3 19.6 29.4
265 21.6 17.2 25.8

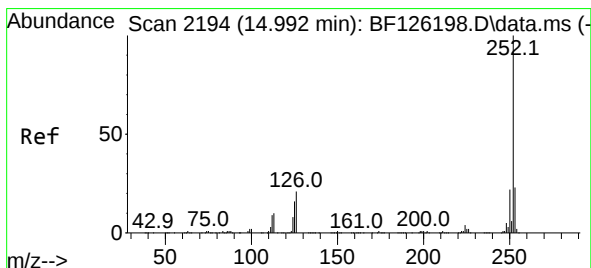
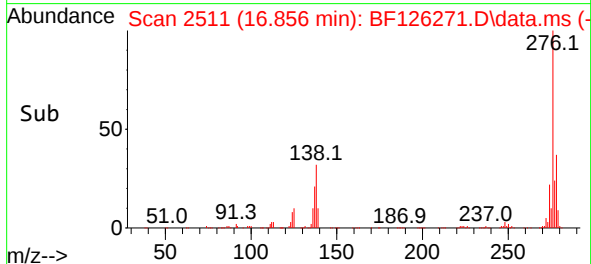
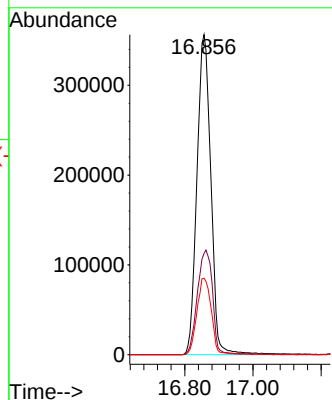
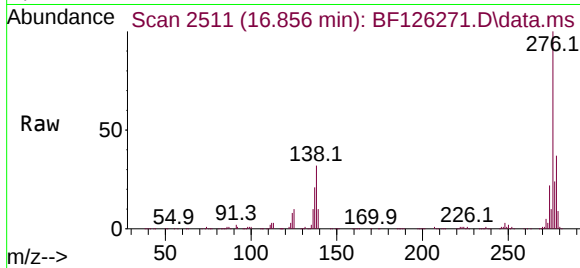




#87
Indeno(1,2,3-cd)pyrene
Concen: 47.530 ng
RT: 16.856 min Scan# 2110
Delta R.T. 0.018 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

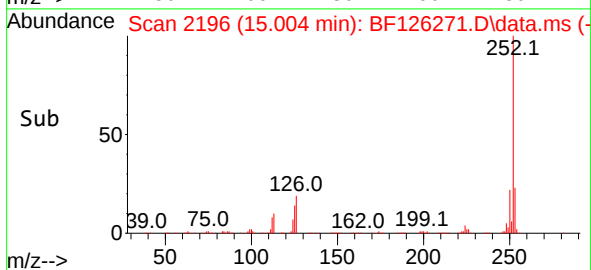
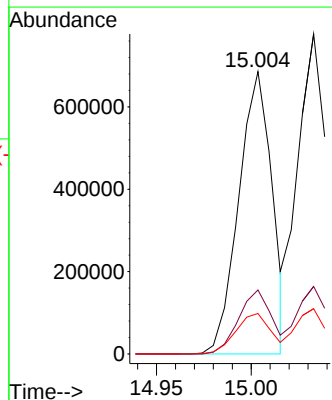
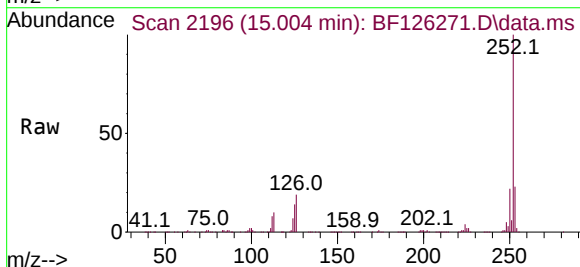
Instrument :
BNA_F
ClientSampleId :
PB141443BS

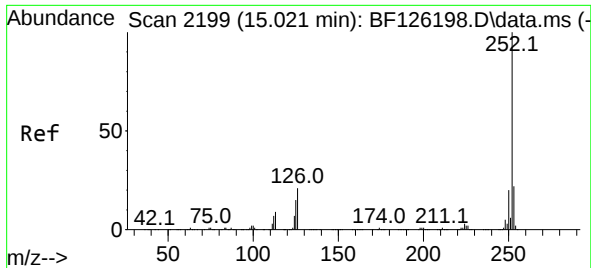
Tgt Ion:276 Resp: 1011073
Ion Ratio Lower Upper
276 100
138 35.6 24.1 36.1
277 24.7 18.8 28.2



#88
Benzo(b)fluoranthene
Concen: 43.812 ng
RT: 15.004 min Scan# 2196
Delta R.T. 0.012 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:252 Resp: 839549
Ion Ratio Lower Upper
252 100
253 22.7 16.8 25.2
125 14.4 9.8 14.8

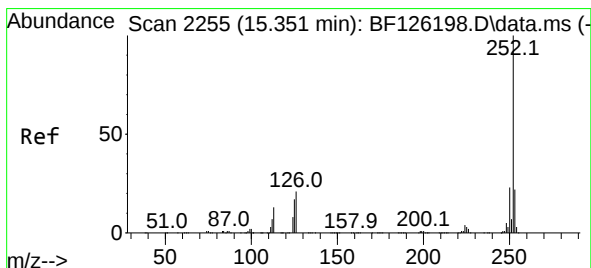
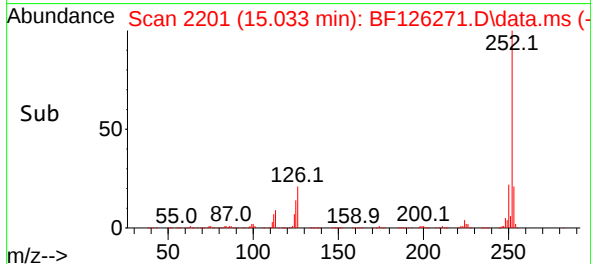
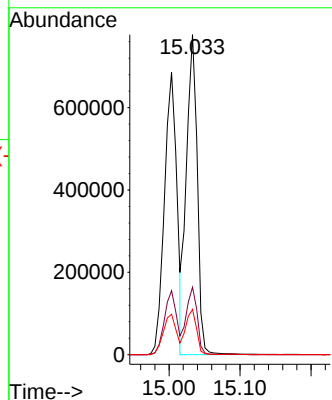
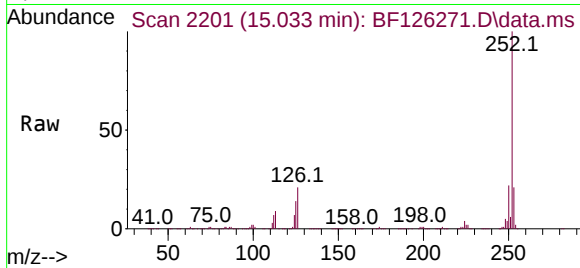




#89
Benzo(k)fluoranthene
Concen: 44.919 ng
RT: 15.033 min Scan# 2199
Delta R.T. 0.012 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

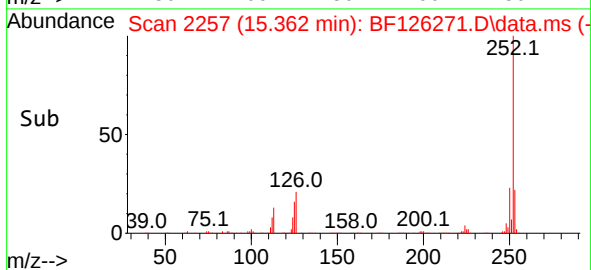
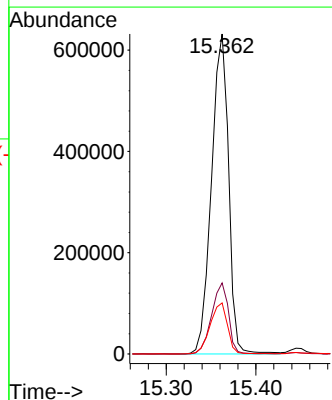
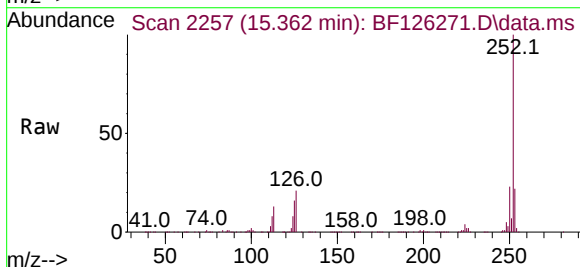
Instrument :
BNA_F
ClientSampleId :
PB141443BS

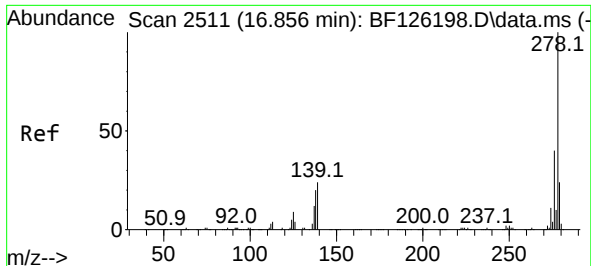
Tgt Ion:252 Resp: 823424
Ion Ratio Lower Upper
252 100
253 21.1 17.8 26.8
125 14.1 7.2 10.8#



#90
Benzo(a)pyrene
Concen: 52.486 ng
RT: 15.362 min Scan# 2257
Delta R.T. 0.012 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:252 Resp: 835907
Ion Ratio Lower Upper
252 100
253 22.2 18.4 27.6
125 16.0 9.9 14.9#

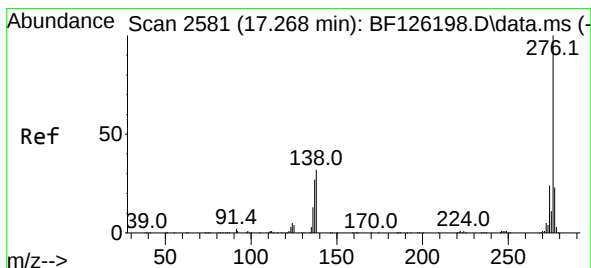
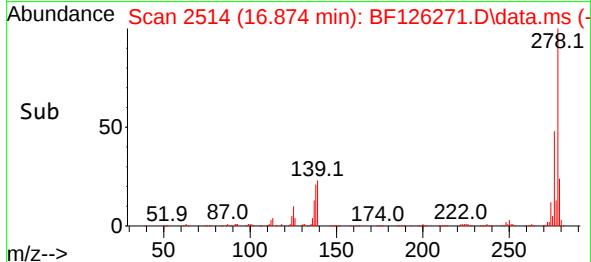
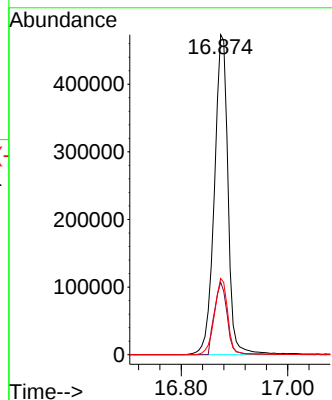
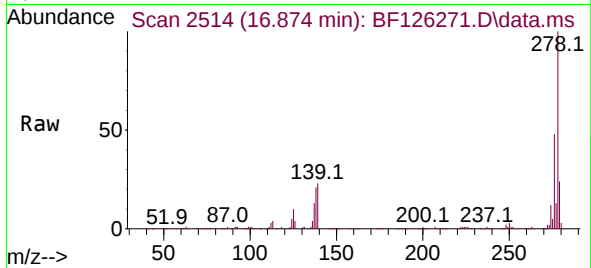




#91
Dibenzo(a,h)anthracene
Concen: 48.677 ng
RT: 16.874 min Scan# 2514
Delta R.T. 0.018 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Instrument :
BNA_F
ClientSampleId :
PB141443BS

Tgt Ion:278 Resp: 841750
Ion Ratio Lower Upper
278 100
139 22.7 14.9 22.3#
279 23.8 19.7 29.5



#92
Benzo(g,h,i)perylene
Concen: 49.301 ng
RT: 17.286 min Scan# 2584
Delta R.T. 0.018 min
Lab File: BF126271.D
Acq: 20 Dec 2021 11:21

Tgt Ion:276 Resp: 882078
Ion Ratio Lower Upper
276 100
277 24.5 22.0 33.0
138 33.4 22.2 33.4#

