

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF031822\
 Data File : BF127411.D
 Acq On : 19 Mar 2022 00:42
 Operator : CG\JU
 Sample : N1983-03MSD
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124042MSD

Quant Time: Mar 19 01:54:33 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF031022.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 19 01:50:04 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.857	152	58561	20.000	ng	0.00
21) Naphthalene-d8	8.140	136	148097	20.000	ng	# 0.00
39) Acenaphthene-d10	9.898	164	92635	20.000	ng	0.00
64) Phenanthrene-d10	11.392	188	170223	20.000	ng	# 0.00
76) Chrysene-d12	14.039	240	110623	20.000	ng	# 0.00
86) Perylene-d12	15.521	264	107933	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	443022	121.614	ng	0.00
7) Phenol-d6	6.498	99	575435	114.828	ng	0.00
23) Nitrobenzene-d5	7.428	82	426505	118.935	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	143817	144.220	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	512289	78.185	ng	0.00
79) Terphenyl-d14	12.974	244	492788	76.707	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.663	88	41930	22.199	ng	# 74
3) Pyridine	3.428	79	114053	22.691	ng	# 66
4) n-Nitrosodimethylamine	3.399	42	94148	33.807	ng	# 44
6) Aniline	6.522	93	226203	37.770	ng	# 89
8) 2-Chlorophenol	6.645	128	161929	42.968	ng	96
9) Benzaldehyde	6.410	77	95161	34.653	ng	90
10) Phenol	6.510	94	250196	45.450	ng	74
11) bis(2-Chloroethyl)ether	6.593	93	175813	43.007	ng	89
12) 1,3-Dichlorobenzene	6.798	146	175814	41.561	ng	97
13) 1,4-Dichlorobenzene	6.875	146	213290	50.259	ng	99
14) 1,2-Dichlorobenzene	7.028	146	196448	49.184	ng	96
15) Benzyl Alcohol	7.004	79	197623	52.613	ng	89
16) 2,2'-oxybis(1-Chloropr...	7.128	45	370428	48.285	ng	92
17) 2-Methylphenol	7.116	107	168401	52.564	ng	# 90
18) Hexachloroethane	7.363	117	81570	50.037	ng	# 80
19) n-Nitroso-di-n-propyla...	7.275	70	161635	51.687	ng	90
20) 3+4-Methylphenols	7.269	107	211607	50.930	ng	# 84
22) Acetophenone	7.269	105	283904	70.016	ng	# 81
24) Nitrobenzene	7.445	77	242967	71.634	ng	94
25) Isophorone	7.681	82	383803	66.560	ng	# 97
26) 2-Nitrophenol	7.763	139	70306	50.054	ng	# 72
27) 2,4-Dimethylphenol	7.798	122	122887	58.280	ng	88
28) bis(2-Chloroethoxy)met...	7.892	93	171124	46.837	ng	99
29) 2,4-Dichlorophenol	8.004	162	126038	52.194	ng	97
30) 1,2,4-Trichlorobenzene	8.081	180	142949	51.926	ng	97
31) Naphthalene	8.163	128	397435	50.308	ng	99
32) Benzoic acid	7.951	122	62604	43.445	ng	87
33) 4-Chloroaniline	8.216	127	63506	20.739	ng	# 91
34) Hexachlorobutadiene	8.269	225	100044	54.497	ng	98
35) Caprolactam	8.657	113	15613	21.643	ng	93
36) 4-Chloro-3-methylphenol	8.704	107	140975	53.864	ng	98
37) 2-Methylnaphthalene	8.857	142	276950	53.651	ng	96
38) 1-Methylnaphthalene	8.957	142	267810	53.966	ng	98
40) 1,2,4,5-Tetrachloroben...	9.022	216	152542	52.017	ng	# 94
41) Hexachlorocyclopentadiene	9.004	237	115878	93.606	ng	98
43) 2,4,6-Trichlorophenol	9.139	196	94521	51.069	ng	98

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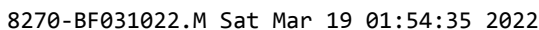
Instrument :
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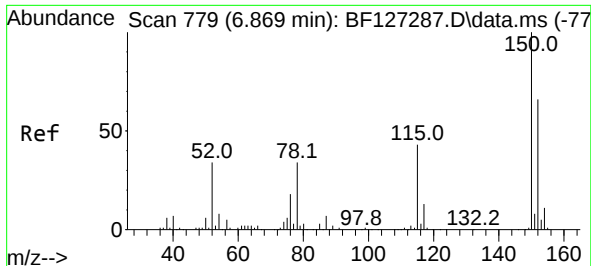
Quant Time: Mar 19 01:54:33 2022
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 QLast Update : Sat Mar 19 01:50:04 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.139	196	94521	48.119	ng	94
46) 1,1'-Biphenyl	9.322	154	354337	50.681	ng	96
47) 2-Chloronaphthalene	9.345	162	275266	50.578	ng	98
48) 2-Nitroaniline	9.451	65	107043	51.119	ng	88
49) Acenaphthylene	9.763	152	444835	53.410	ng	98
50) Dimethylphthalate	9.622	163	340575	51.307	ng	# 99
51) 2,6-Dinitrotoluene	9.692	165	71890	53.540	ng	# 88
52) Acenaphthene	9.934	154	256434	51.652	ng	95
53) 3-Nitroaniline	9.863	138	45094	30.818	ng	# 85
54) 2,4-Dinitrophenol	9.981	184	67492	90.671	ng	# 87
55) Dibenzofuran	10.110	168	396250	51.375	ng	98
56) 4-Nitrophenol	10.039	139	82759	93.054	ng	# 54
57) 2,4-Dinitrotoluene	10.104	165	97896	55.414	ng	# 88
58) Fluorene	10.451	166	326655	54.618	ng	97
59) 2,3,4,6-Tetrachlorophenol	10.228	232	84269	51.622	ng	# 80
60) Diethylphthalate	10.322	149	325716	53.794	ng	98
61) 4-Chlorophenyl-phenylether	10.439	204	175389	54.113	ng	91
62) 4-Nitroaniline	10.486	138	61183	41.961	ng	# 62
63) Azobenzene	10.604	77	340873	48.976	ng	84
65) 4,6-Dinitro-2-methylph...	10.510	198	49342	47.013	ng	# 81
66) n-Nitrosodiphenylamine	10.563	169	268133	50.719	ng	100
67) 4-Bromophenyl-phenylether	10.933	248	107520	52.399	ng	90
68) Hexachlorobenzene	10.998	284	118163	52.839	ng	# 87
69) Atrazine	11.092	200	103376	56.667	ng	94
70) Pentachlorophenol	11.198	266	93534	103.592	ng	98
71) Phenanthrene	11.422	178	505418	56.246	ng	99
72) Anthracene	11.469	178	462479	51.969	ng	99
73) Carbazole	11.628	167	382777	45.676	ng	98
74) Di-n-butylphthalate	11.945	149	501861	51.200	ng	100
75) Fluoranthene	12.610	202	494148	49.183	ng	90
77) Benzidine	12.733	184	161933	57.563	ng	# 95
78) Pyrene	12.839	202	463212	53.759	ng	98
80) Butylbenzylphthalate	13.445	149	162437	48.984	ng	# 97
81) Benzo(a)anthracene	14.027	228	382102	51.299	ng	98
82) 3,3'-Dichlorobenzidine	13.992	252	87021	37.575	ng	# 95
83) Chrysene	14.069	228	352893	50.938	ng	100
84) Bis(2-ethylhexyl)phtha...	13.998	149	239551	53.664	ng	# 99
85) Di-n-octyl phthalate	14.616	149	362435	53.643	ng	# 95
87) Indeno(1,2,3-cd)pyrene	17.033	276	302872	46.581	ng	# 78
88) Benzo(b)fluoranthene	15.092	252	365861	51.641	ng	# 89
89) Benzo(k)fluoranthene	15.121	252	322743	48.449	ng	# 91
90) Benzo(a)pyrene	15.463	252	335804	60.192	ng	# 90
91) Dibenzo(a,h)anthracene	17.039	278	275042	50.825	ng	# 88
92) Benzo(g,h,i)perylene	17.486	276	240989	45.653	ng	# 79

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

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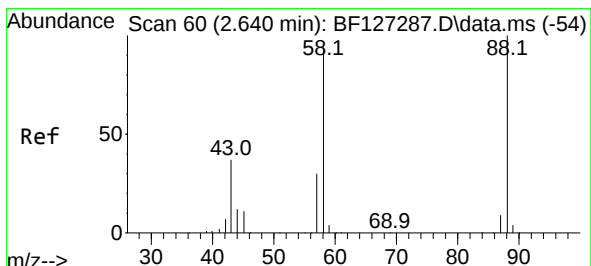
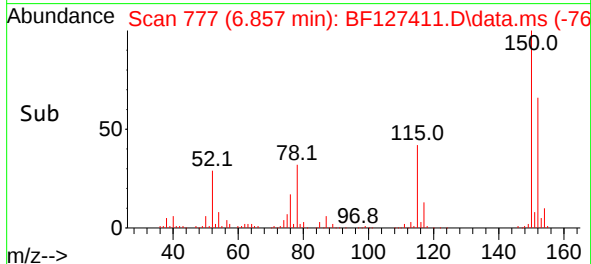
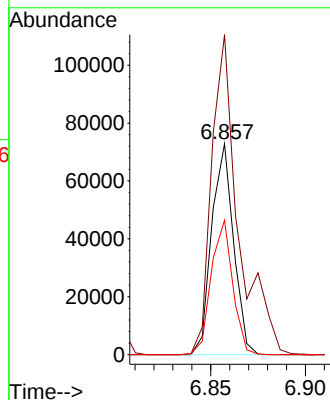
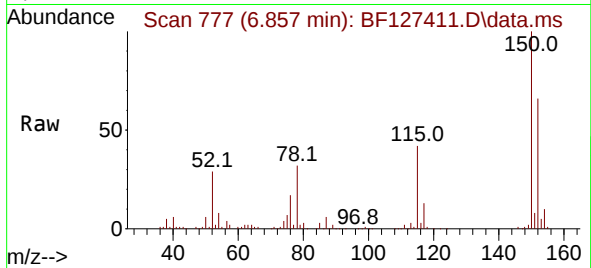




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.857 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF127411.D
 Acq: 19 Mar 2022 00:42

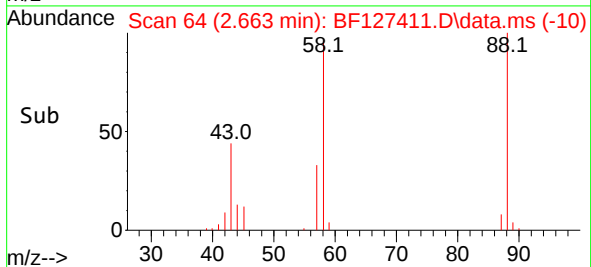
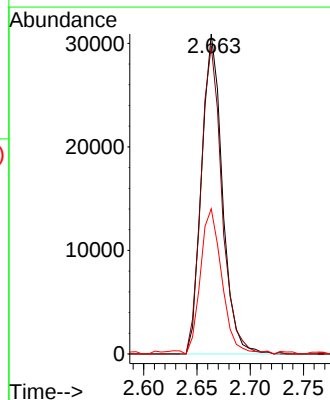
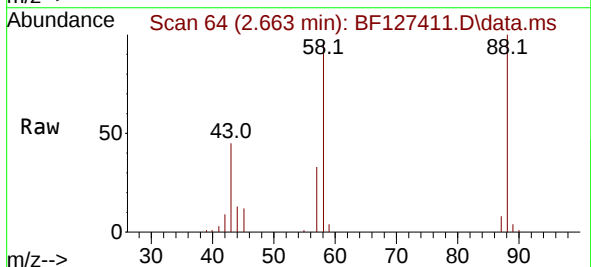
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 124042MSD

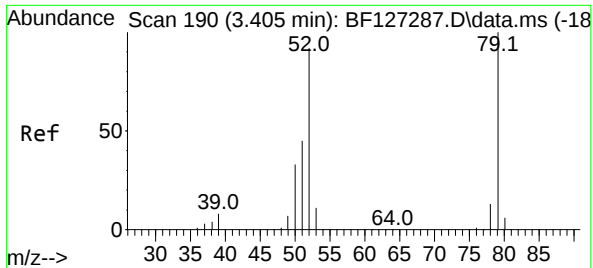
Tgt Ion:152 Resp: 58561
 Ion Ratio Lower Upper
 152 100
 150 151.7 128.1 192.1
 115 63.7 56.7 85.1



#2
 1,4-Dioxane
 Concen: 22.199 ng
 RT: 2.663 min Scan# 64
 Delta R.T. 0.018 min
 Lab File: BF127411.D
 Acq: 19 Mar 2022 00:42

Tgt Ion: 88 Resp: 41930
 Ion Ratio Lower Upper
 88 100
 58 97.1 62.8 94.2#
 43 47.9 22.3 33.5#





#3

Pyridine

Concen: 22.691 ng

RT: 3.428 min Scan# 194

Delta R.T. 0.024 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

Instrument :

BNA_F

ClientSampleId :

124042MSD

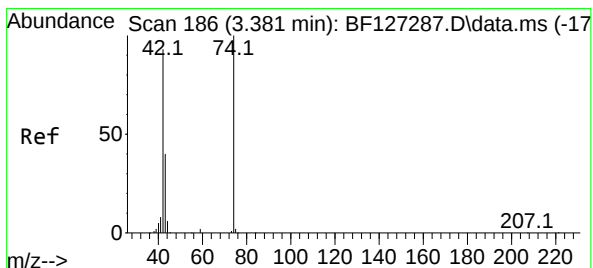
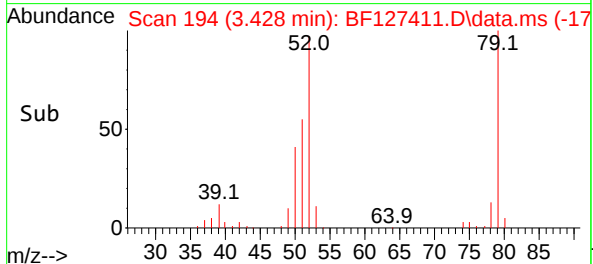
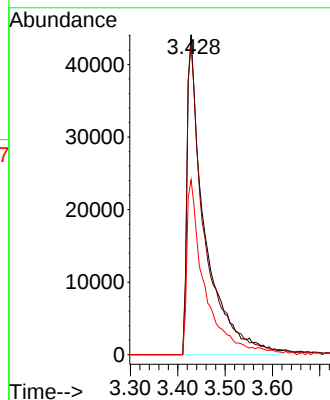
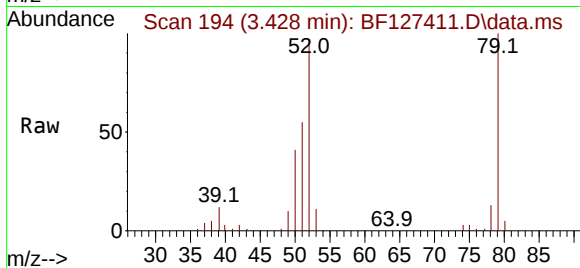
Tgt Ion: 79 Resp: 114053

Ion Ratio Lower Upper

79 100

52 96.7 56.2 84.4#

51 54.7 26.7 40.1#



#4

n-Nitrosodimethylamine

Concen: 33.807 ng

RT: 3.399 min Scan# 189

Delta R.T. 0.006 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

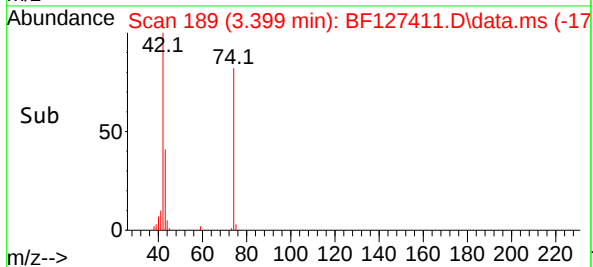
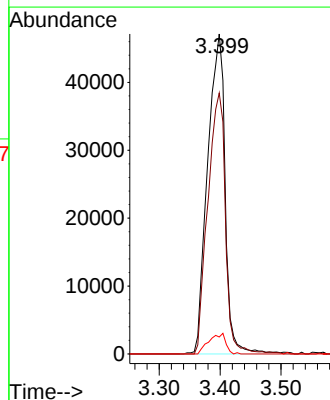
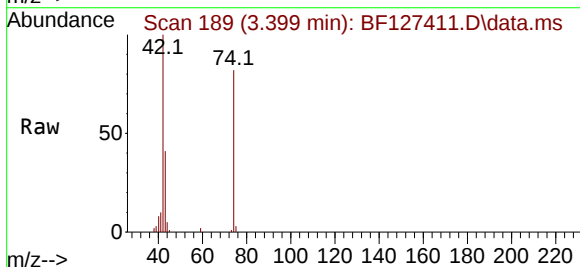
Tgt Ion: 42 Resp: 94148

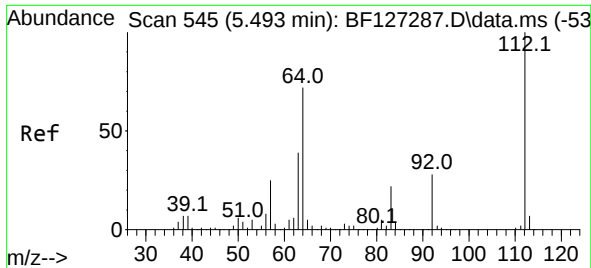
Ion Ratio Lower Upper

42 100

74 81.5 125.6 188.4#

44 5.3 5.7 8.5#

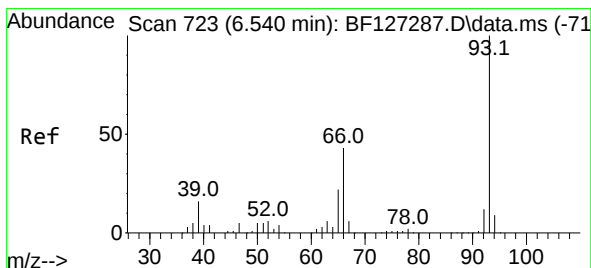
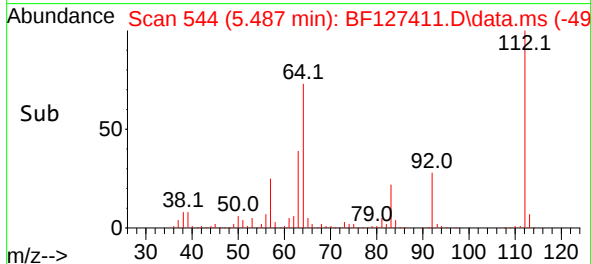
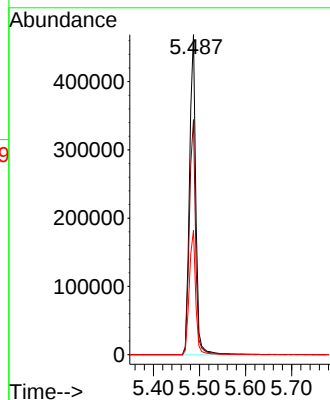
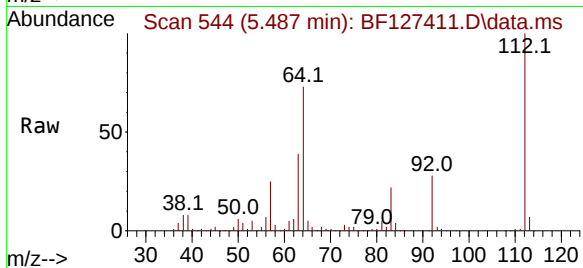




#5
2-Fluorophenol
Concen: 121.614 ng
RT: 5.487 min Scan# 54
Delta R.T. 0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

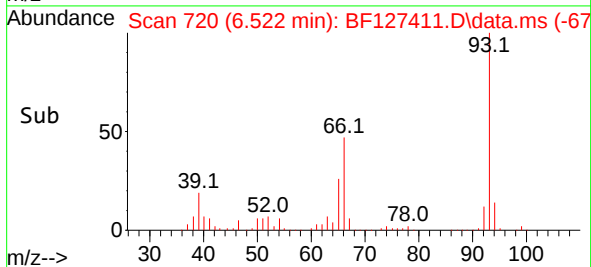
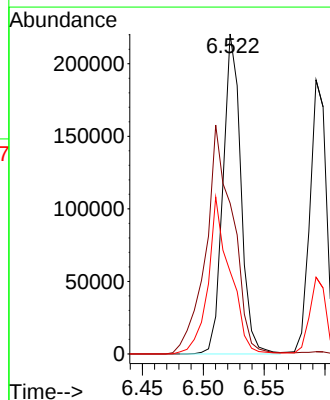
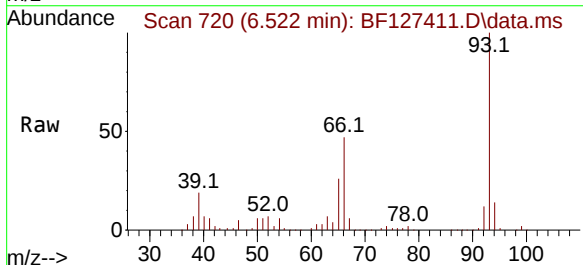
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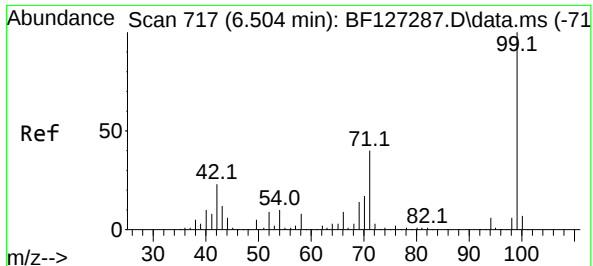
Tgt Ion:112 Resp: 443022
Ion Ratio Lower Upper
112 100
64 73.4 49.5 74.3
63 38.9 23.9 35.9#



#6
Aniline
Concen: 37.770 ng
RT: 6.522 min Scan# 720
Delta R.T. -0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion: 93 Resp: 226203
Ion Ratio Lower Upper
93 100
66 47.1 32.2 48.4
65 25.8 16.3 24.5#

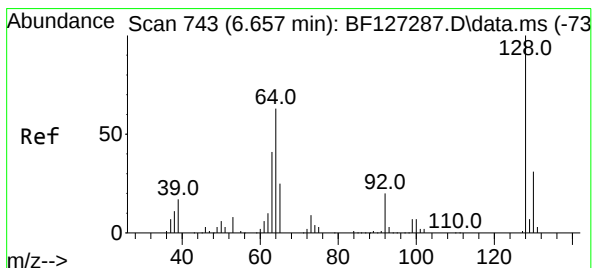
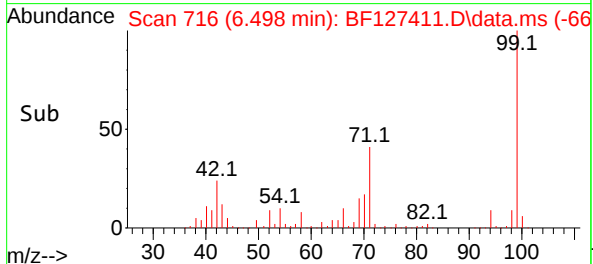
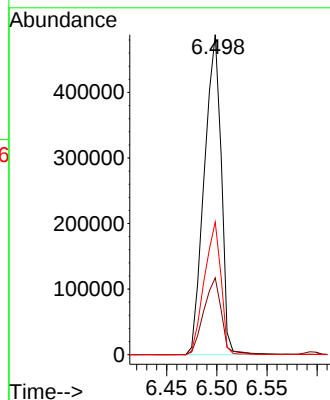
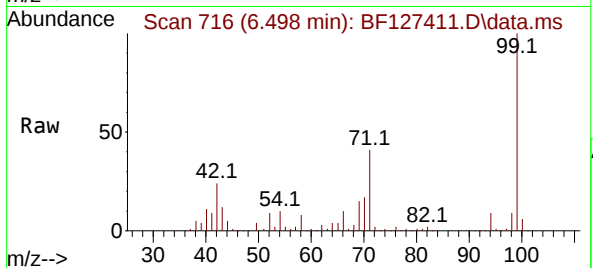




#7
Phenol-d6
Concen: 114.828 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

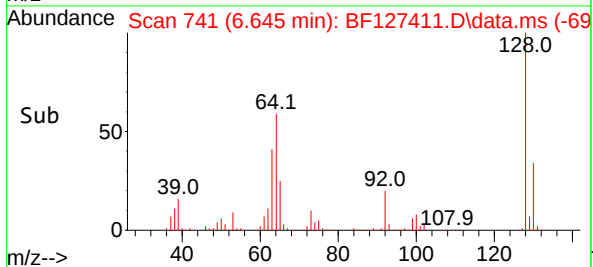
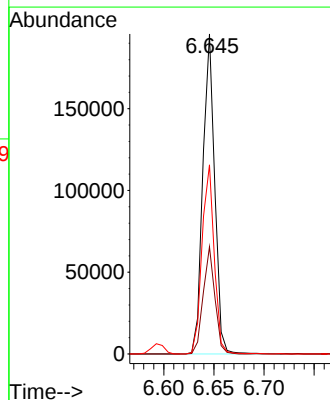
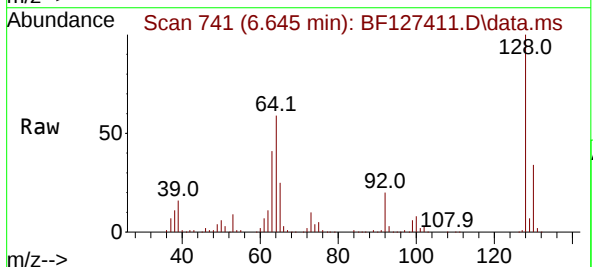
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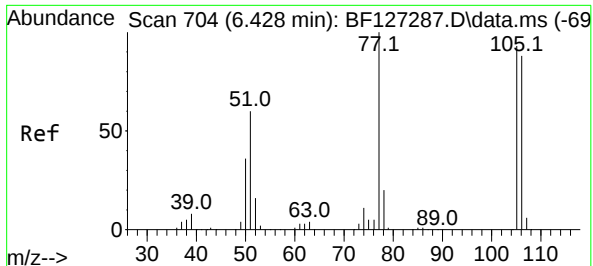
Tgt Ion: 99 Resp: 575435
Ion Ratio Lower Upper
99 100
42 24.0 14.2 21.4#
71 41.5 24.3 36.5#



#8
2-Chlorophenol
Concen: 42.968 ng
RT: 6.645 min Scan# 741
Delta R.T. -0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion: 128 Resp: 161929
Ion Ratio Lower Upper
128 100
130 33.5 12.7 52.7
64 59.1 35.6 75.6

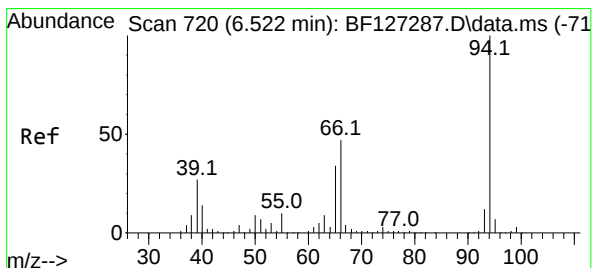
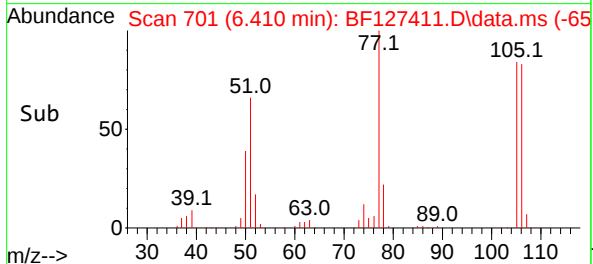
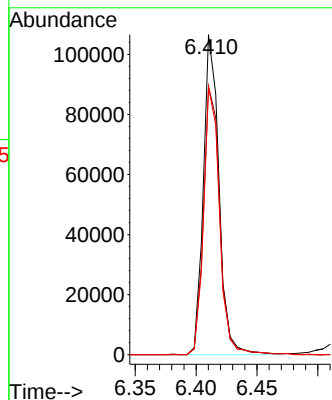
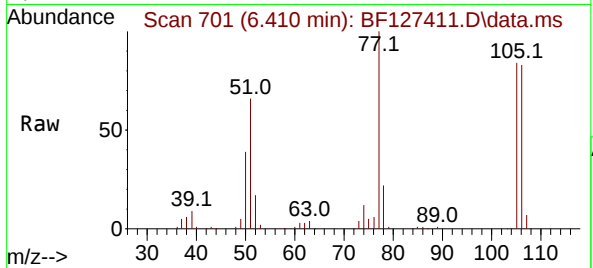




#9
Benzaldehyde
Concen: 34.653 ng
RT: 6.410 min Scan# 704
Delta R.T. -0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

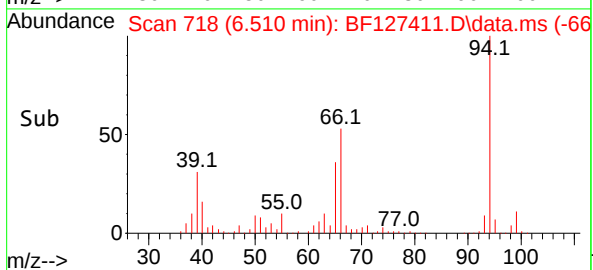
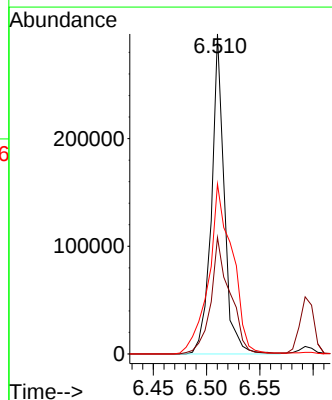
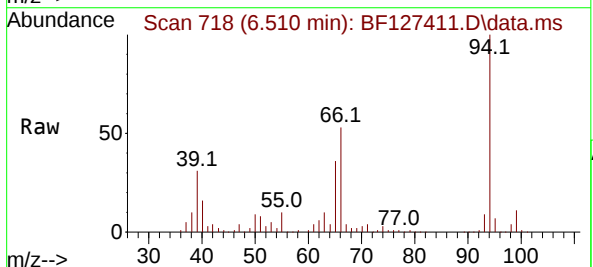
Instrument :
BNA_F
ClientSampleId :
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Tgt Ion: 77 Resp: 95161
Ion Ratio Lower Upper
77 100
105 84.0 74.9 114.9
106 83.5 72.4 112.4



#10
Phenol
Concen: 45.450 ng
RT: 6.510 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion: 94 Resp: 250196
Ion Ratio Lower Upper
94 100
65 36.4 7.2 47.2
66 53.1 14.5 54.5





#11

bis(2-Chloroethyl)ether

Concen: 43.007 ng

RT: 6.593 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

Instrument :

BNA_F

ClientSampleId :

124042MSD

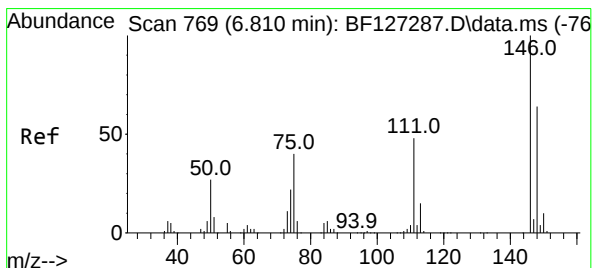
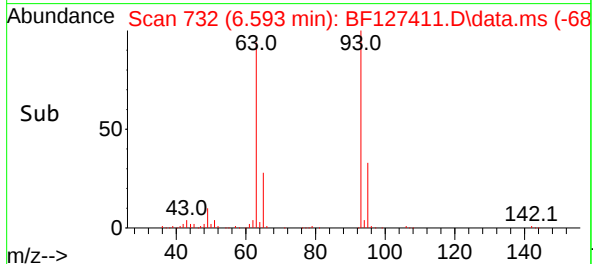
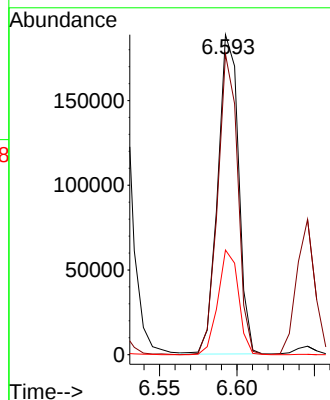
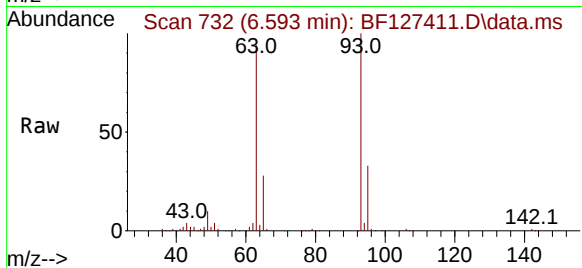
Tgt Ion: 93 Resp: 175813

Ion Ratio Lower Upper

93 100

63 93.9 60.5 100.5

95 32.7 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 41.561 ng

RT: 6.798 min Scan# 767

Delta R.T. 0.000 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

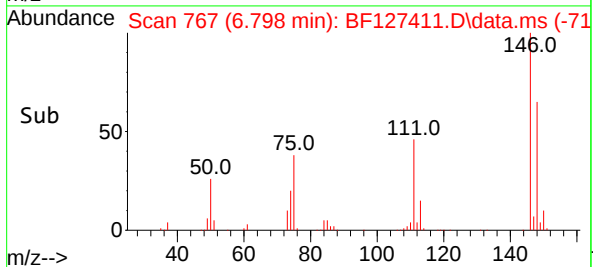
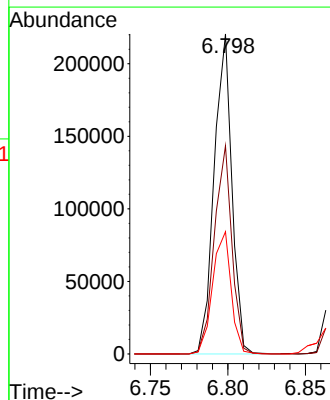
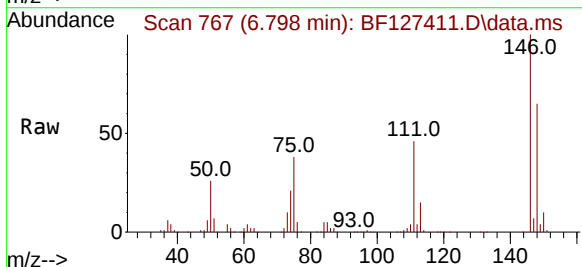
Tgt Ion: 146 Resp: 175814

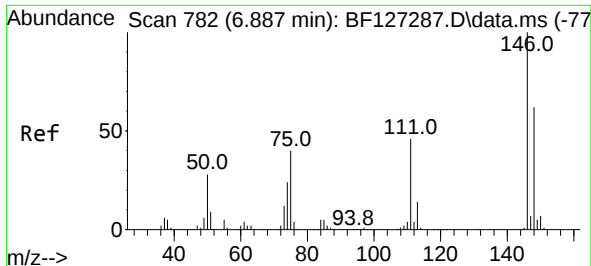
Ion Ratio Lower Upper

146 100

148 65.1 50.9 76.3

75 38.2 28.4 42.6

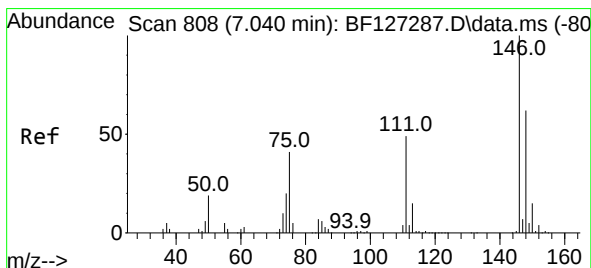
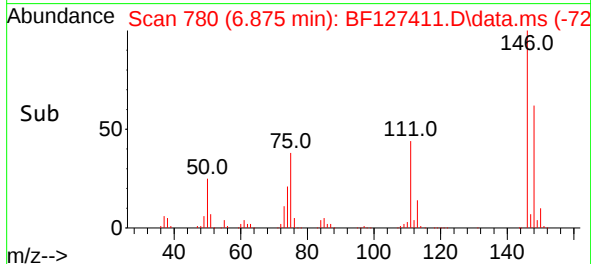
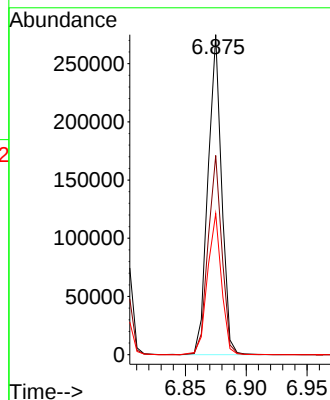
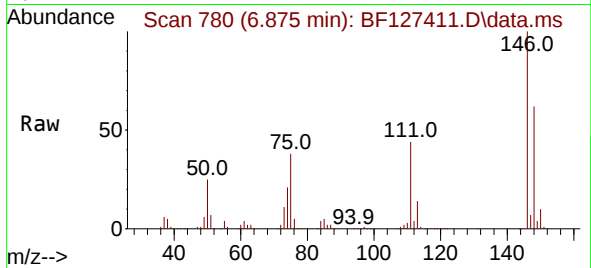




#13
1,4-Dichlorobenzene
Concen: 50.259 ng
RT: 6.875 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

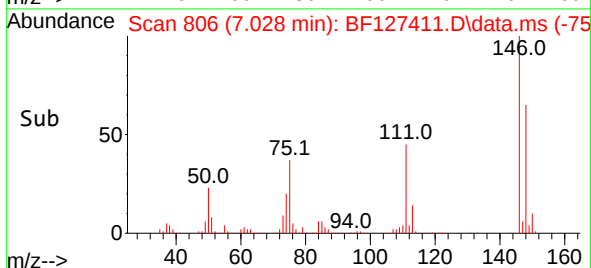
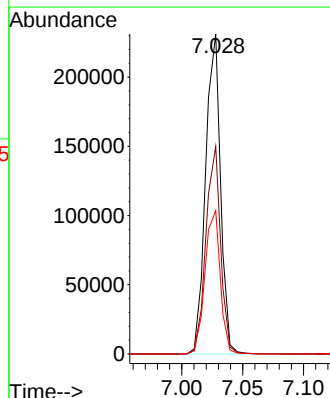
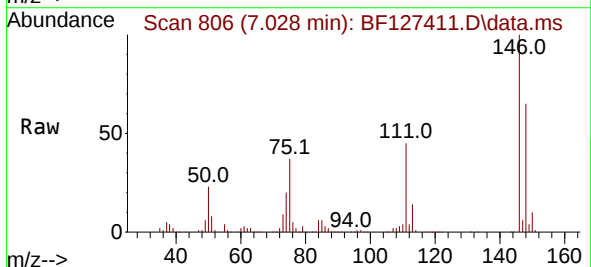
Instrument :
BNA_F
ClientSampleId :
124042MSD

Tgt Ion:146 Resp: 213290
Ion Ratio Lower Upper
146 100
148 62.3 49.8 74.6
111 44.1 36.1 54.1



#14
1,2-Dichlorobenzene
Concen: 49.184 ng
RT: 7.028 min Scan# 806
Delta R.T. -0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion:146 Resp: 196448
Ion Ratio Lower Upper
146 100
148 64.8 51.6 77.4
111 44.8 40.2 60.2





#15

Benzyl Alcohol

Concen: 52.613 ng

RT: 7.004 min Scan# 80

Delta R.T. -0.006 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

Instrument :

BNA_F

ClientSampleId :

124042MSD

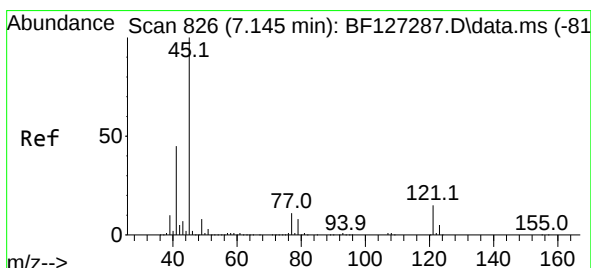
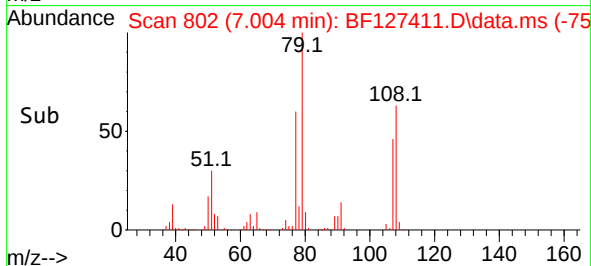
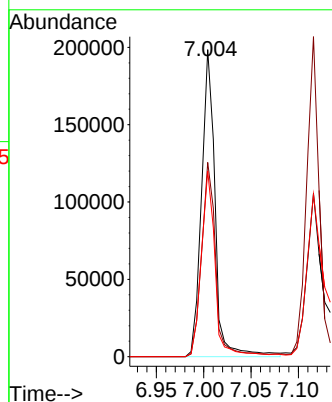
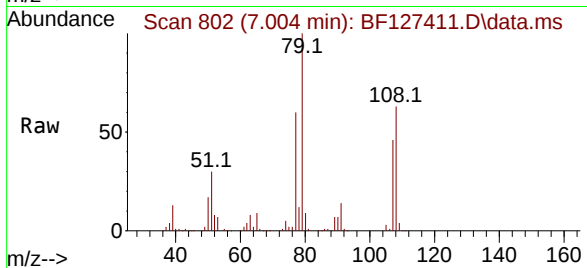
Tgt Ion: 79 Resp: 197623

Ion Ratio Lower Upper

79 100

108 63.2 63.2 94.8

77 60.4 49.4 74.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 48.285 ng

RT: 7.128 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

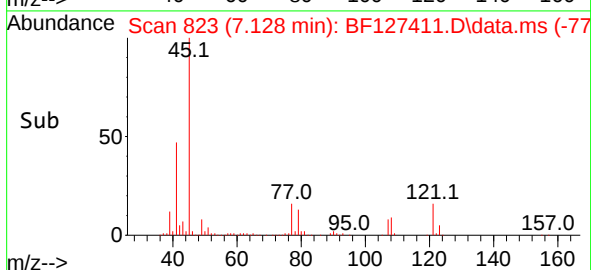
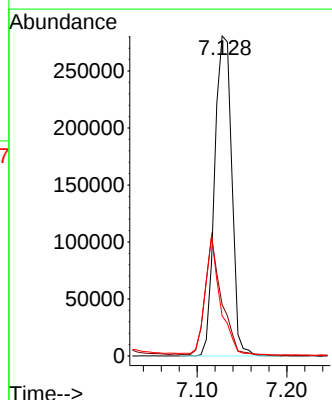
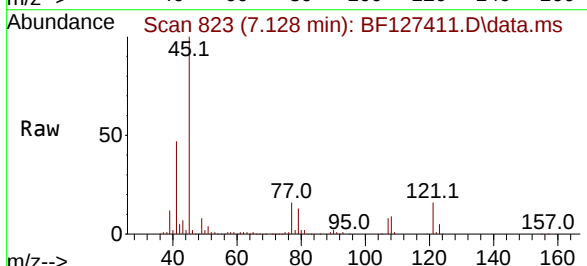
Tgt Ion: 45 Resp: 370428

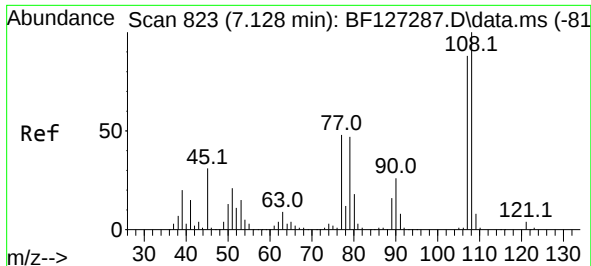
Ion Ratio Lower Upper

45 100

77 16.0 0.0 32.4

79 12.6 0.0 29.8

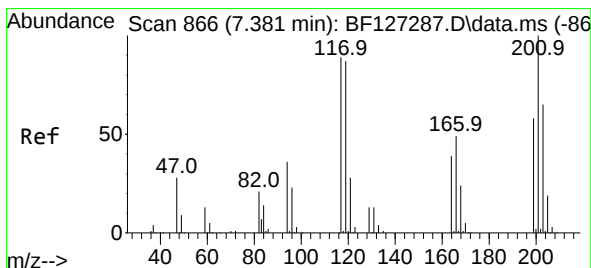
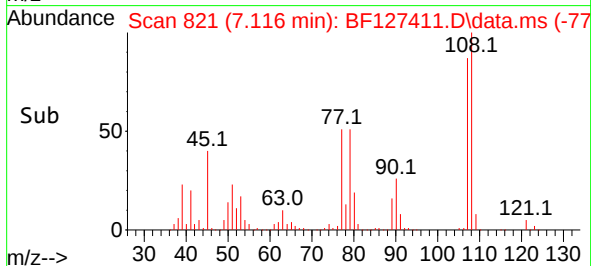
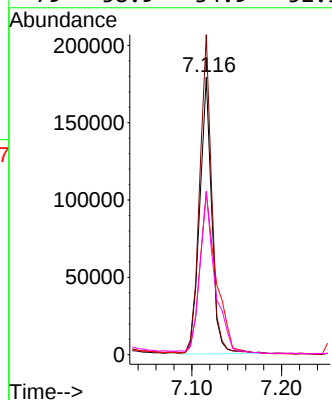
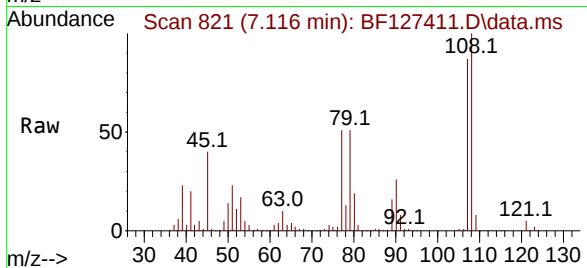




#17
2-Methylphenol
Concen: 52.564 ng
RT: 7.116 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

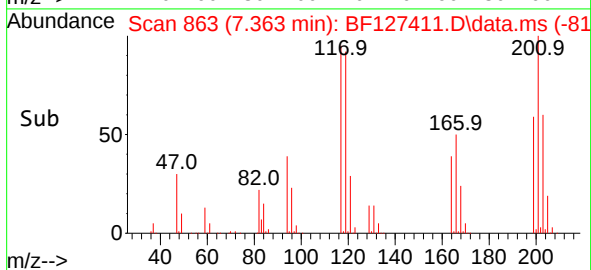
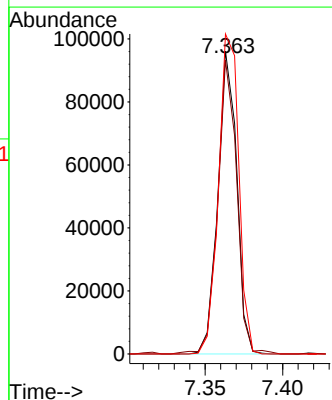
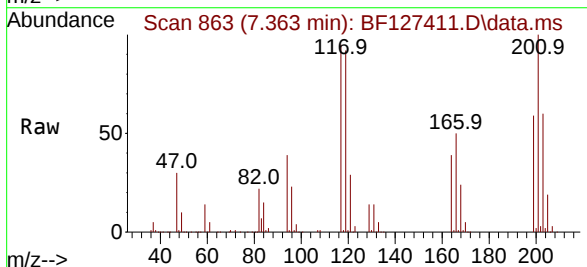
Instrument :
BNA_F
ClientSampleId :
124042MSD

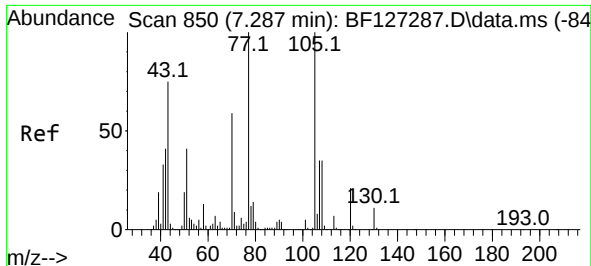
Tgt Ion:107 Resp: 168401
Ion Ratio Lower Upper
107 100
108 115.4 93.4 140.0
77 58.6 36.1 54.1#
79 58.9 34.9 52.3#



#18
Hexachloroethane
Concen: 50.037 ng
RT: 7.363 min Scan# 863
Delta R.T. -0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion:117 Resp: 81570
Ion Ratio Lower Upper
117 100
119 97.0 75.4 113.0
201 105.7 56.8 85.2#





#19

n-Nitroso-di-n-propylamine

Concen: 51.687 ng

RT: 7.275 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

Instrument :

BNA_F

ClientSampleId :

124042MSD

Tgt Ion: 70 Resp: 161635

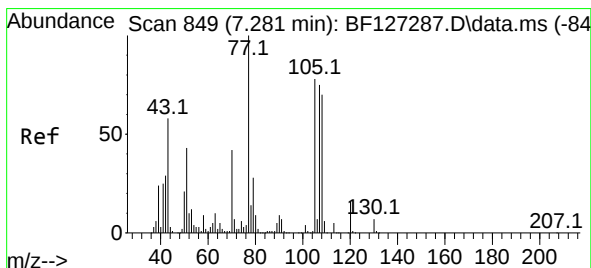
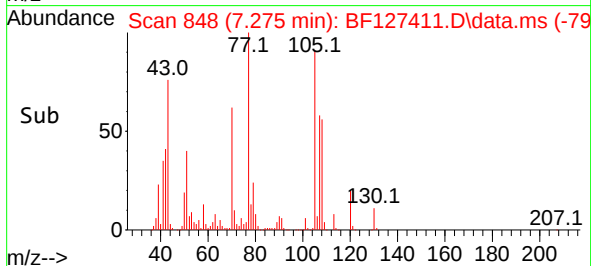
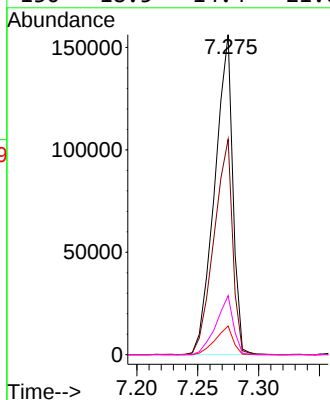
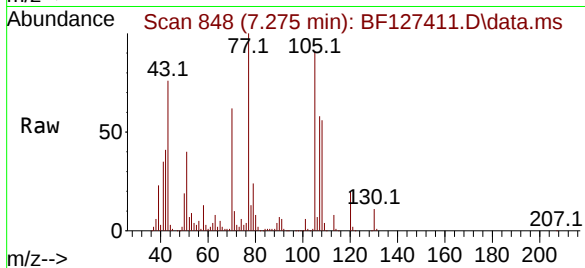
Ion Ratio Lower Upper

70 100

42 67.3 45.8 68.8

101 9.0 6.9 10.3

130 18.5 14.4 21.6



#20

3+4-Methylphenols

Concen: 50.930 ng

RT: 7.269 min Scan# 847

Delta R.T. -0.006 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

Tgt Ion:107 Resp: 211607

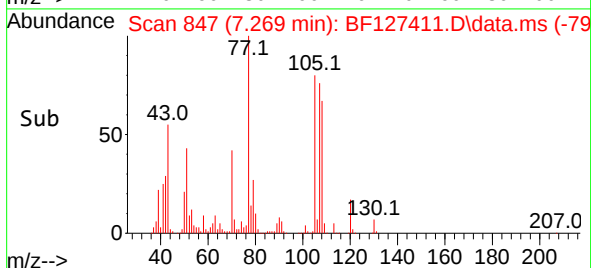
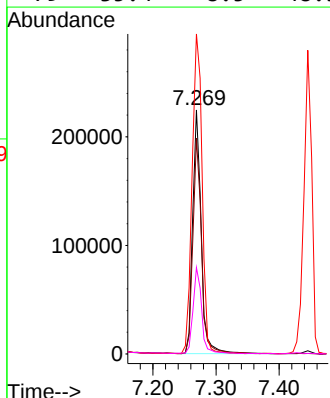
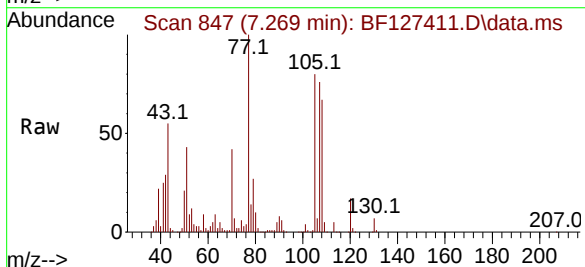
Ion Ratio Lower Upper

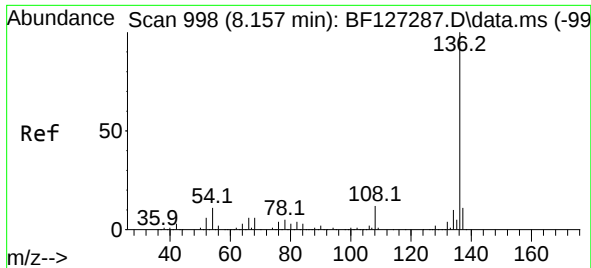
107 100

108 88.4 72.4 112.4

77 131.2 83.8 123.8#

79 35.4 8.5 48.5

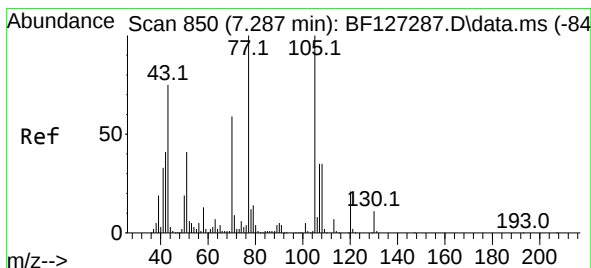
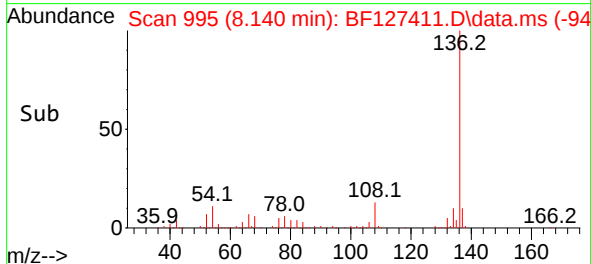
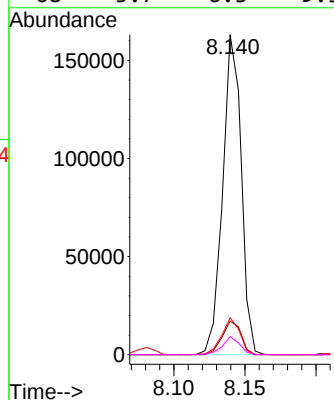
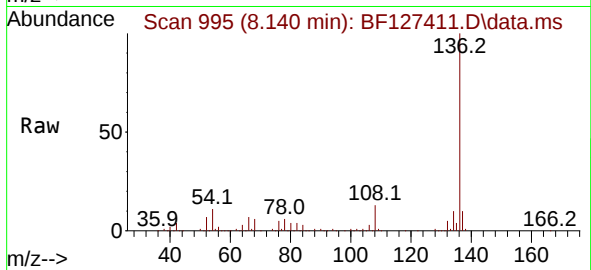




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

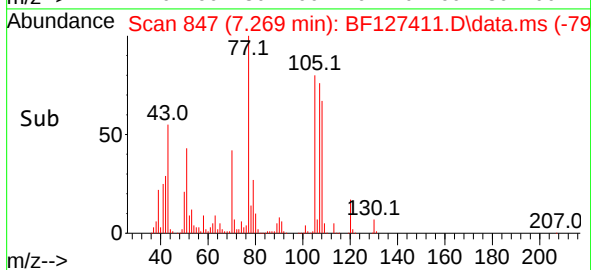
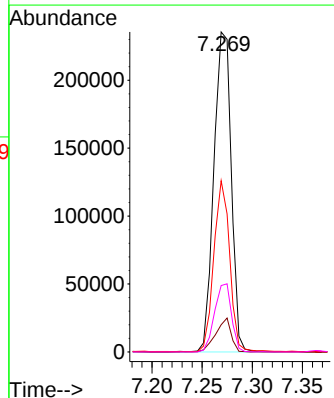
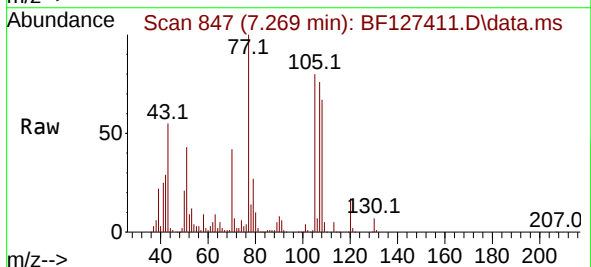
Instrument :
BNA_F
ClientSampleId :
124042MSD

Tgt Ion:136 Resp: 148097
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 11.5 7.8 11.6
68 5.7 6.3 9.5#



#22
Acetophenone
Concen: 70.016 ng
RT: 7.269 min Scan# 847
Delta R.T. -0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion:105 Resp: 283904
Ion Ratio Lower Upper
105 100
71 8.5 5.4 8.0#
51 53.5 27.4 41.0#
120 20.8 17.0 25.6





#23

Nitrobenzene-d5

Concen: 118.935 ng

RT: 7.428 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

Instrument :

BNA_F

ClientSampleId :

124042MSD

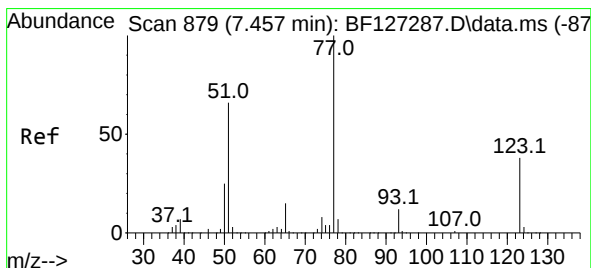
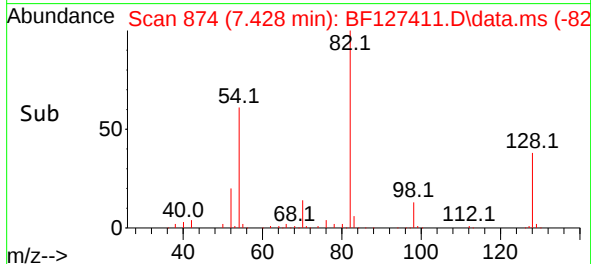
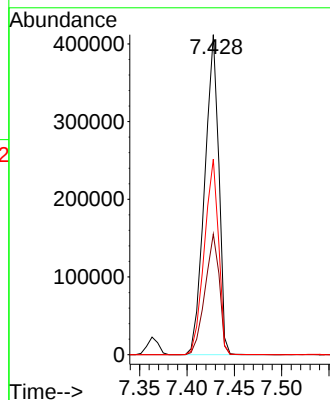
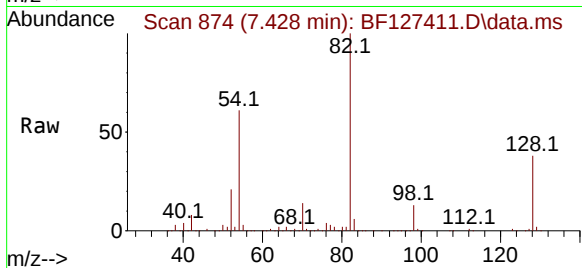
Tgt Ion: 82 Resp: 426505

Ion Ratio Lower Upper

82 100

128 37.7 32.7 49.1

54 61.1 41.7 62.5



#24

Nitrobenzene

Concen: 71.634 ng

RT: 7.445 min Scan# 877

Delta R.T. -0.006 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

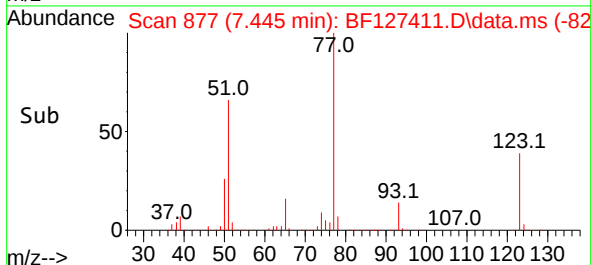
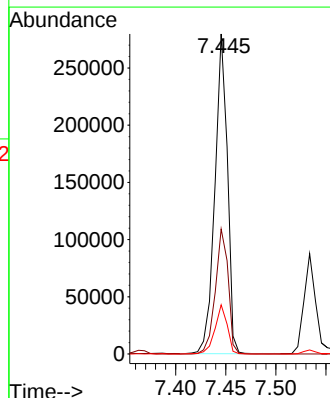
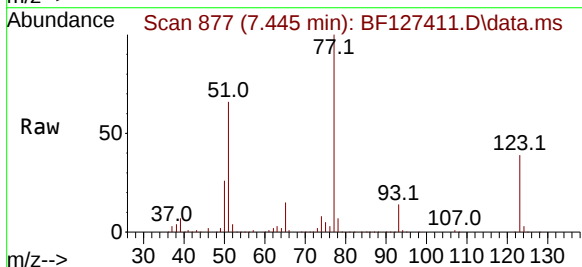
Tgt Ion: 77 Resp: 242967

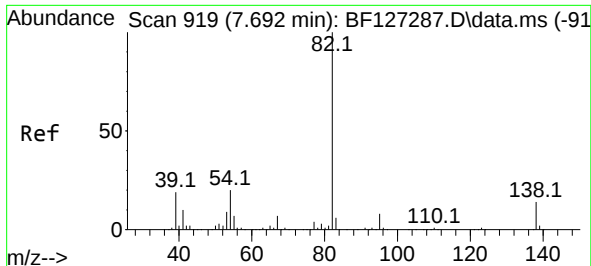
Ion Ratio Lower Upper

77 100

123 39.1 34.6 52.0

65 15.4 10.6 15.8

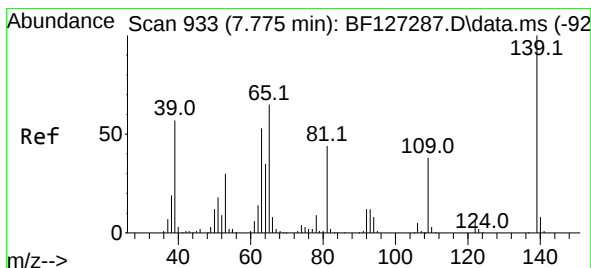
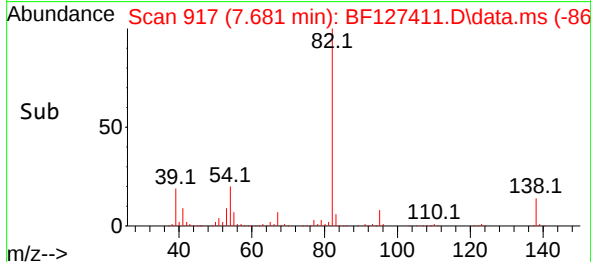
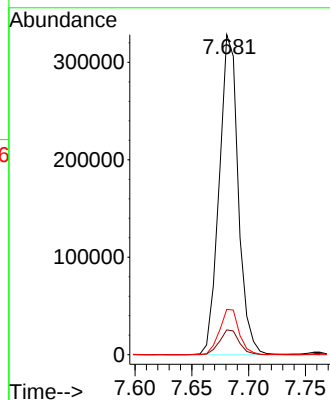
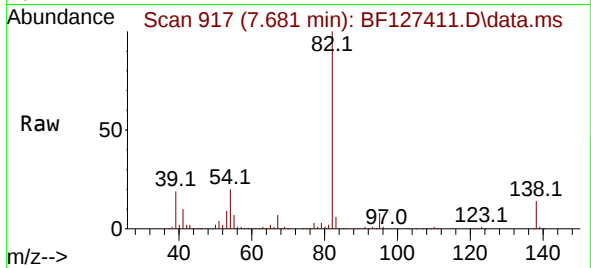




#25
Isophorone
Concen: 66.560 ng
RT: 7.681 min Scan# 919
Delta R.T. -0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

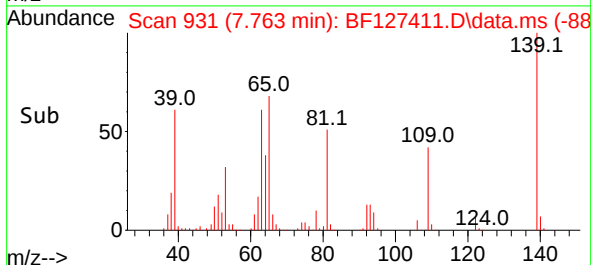
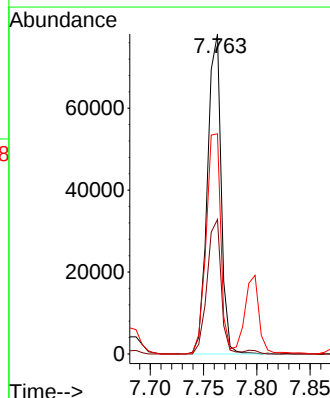
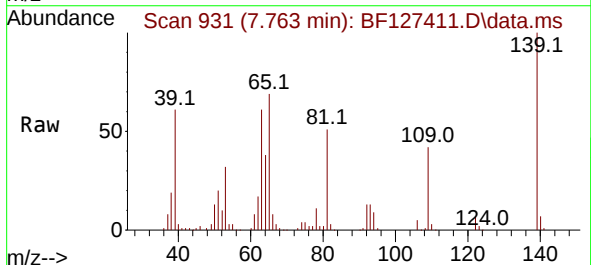
Instrument :
BNA_F
ClientSampleId :
124042MSD

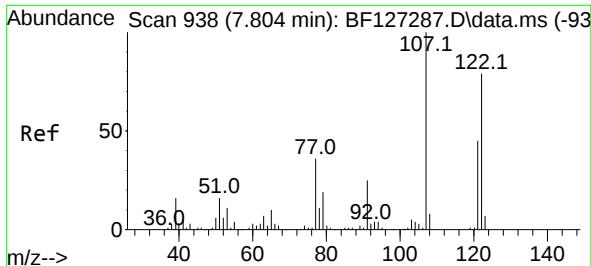
Tgt Ion: 82 Resp: 383803
Ion Ratio Lower Upper
82 100
95 7.7 5.0 7.4#
138 14.2 12.3 18.5



#26
2-Nitrophenol
Concen: 50.054 ng
RT: 7.763 min Scan# 931
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion: 139 Resp: 70306
Ion Ratio Lower Upper
139 100
109 42.0 20.0 30.0#
65 68.8 40.8 61.2#





#27

2,4-Dimethylphenol

Concen: 58.280 ng

RT: 7.798 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

Instrument :

BNA_F

ClientSampleId :

124042MSD

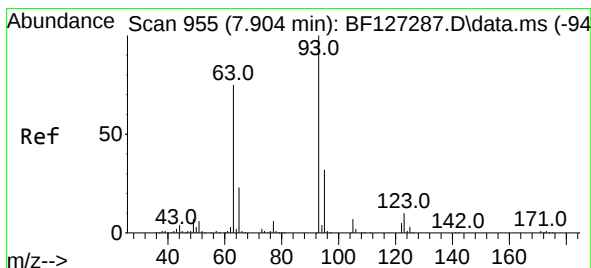
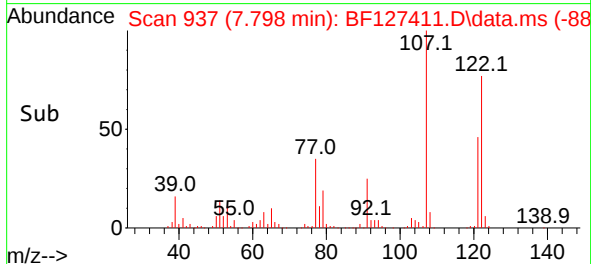
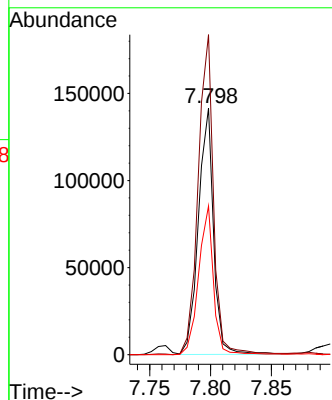
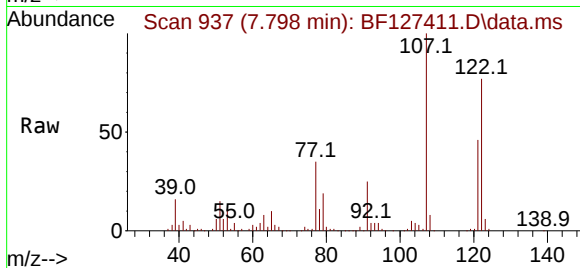
Tgt Ion:122 Resp: 122887

Ion Ratio Lower Upper

122 100

107 129.8 91.2 136.8

121 60.3 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 46.837 ng

RT: 7.892 min Scan# 953

Delta R.T. 0.000 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

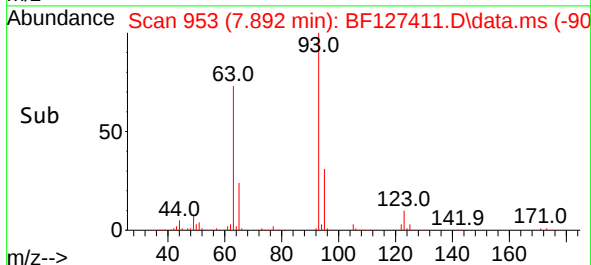
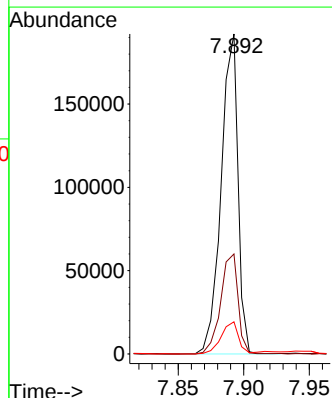
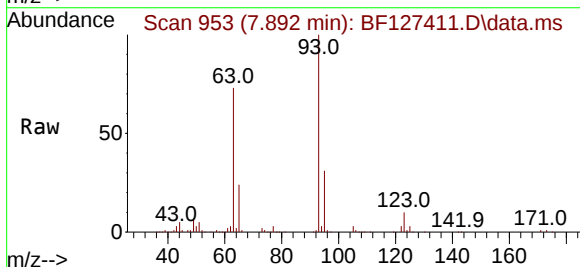
Tgt Ion: 93 Resp: 171124

Ion Ratio Lower Upper

93 100

95 31.2 25.4 38.2

123 10.1 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 52.194 ng

RT: 8.004 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

Instrument :

BNA_F

ClientSampleId :

124042MSD

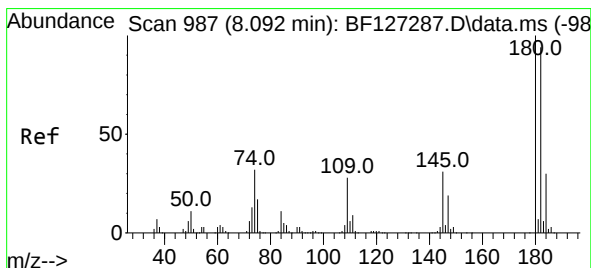
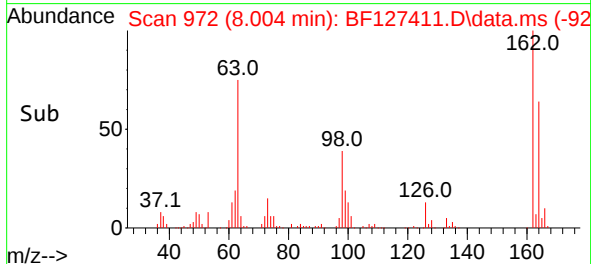
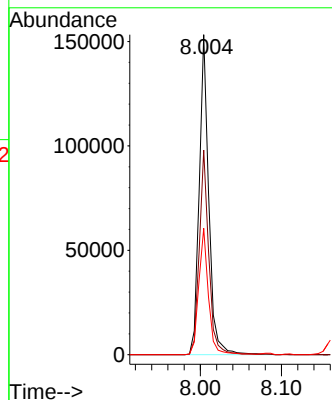
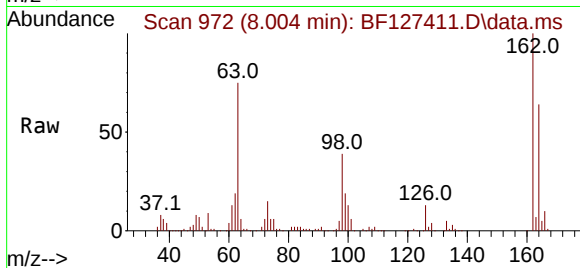
Tgt Ion:162 Resp: 126038

Ion Ratio Lower Upper

162 100

164 63.9 43.8 83.8

98 39.5 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 51.926 ng

RT: 8.081 min Scan# 985

Delta R.T. 0.000 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

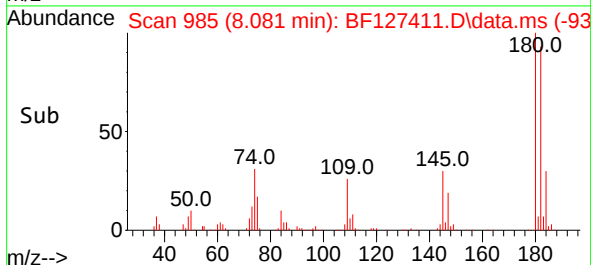
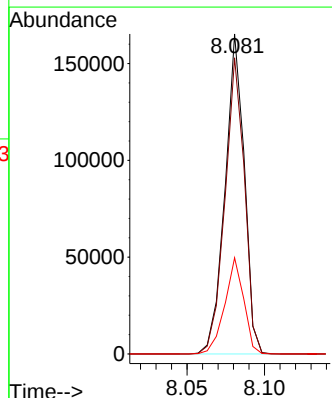
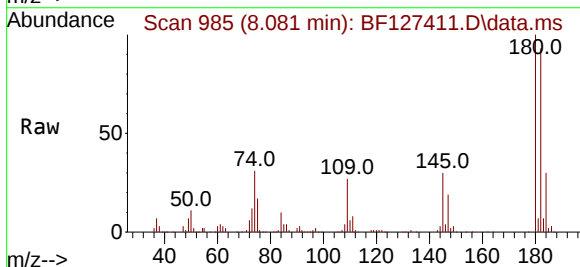
Tgt Ion:180 Resp: 142949

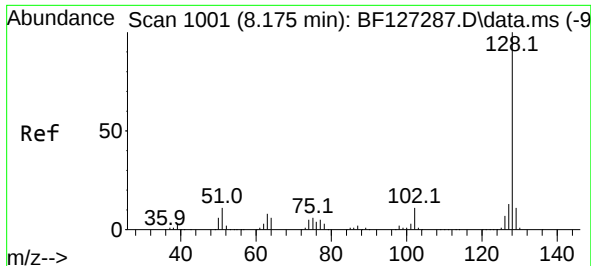
Ion Ratio Lower Upper

180 100

182 92.6 75.5 113.3

145 30.1 26.2 39.2

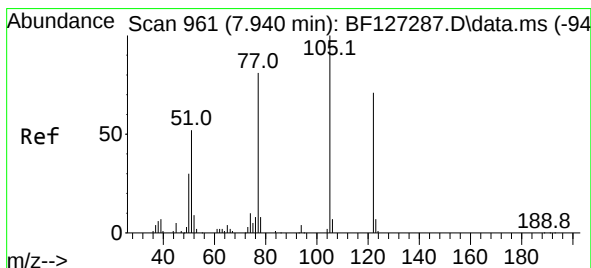
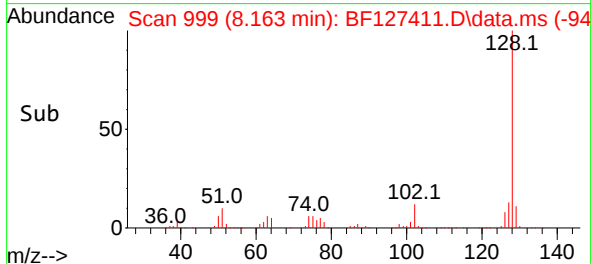
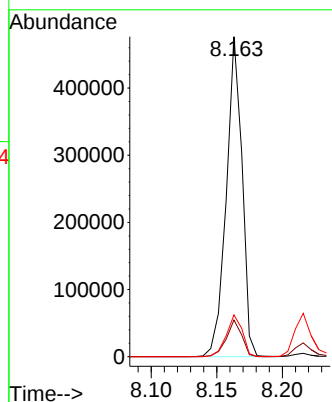
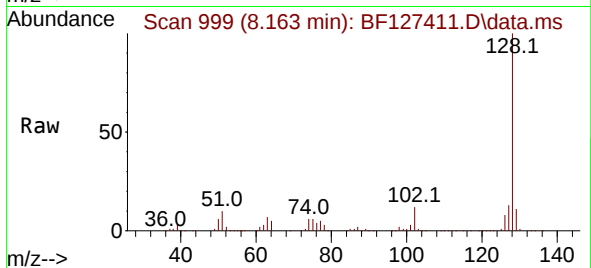




#31
Naphthalene
Concen: 50.308 ng
RT: 8.163 min Scan# 94
Delta R.T. -0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

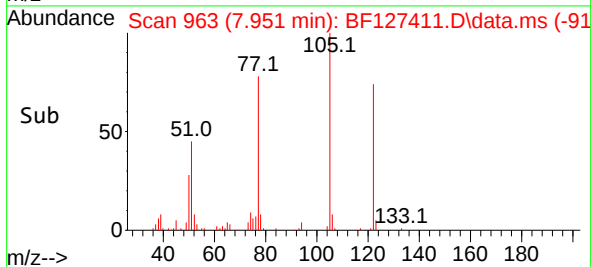
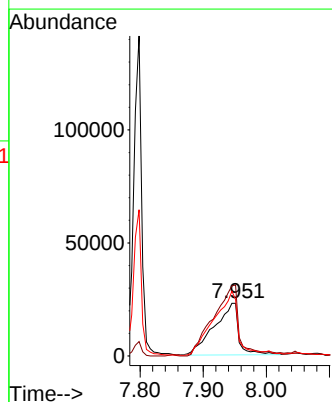
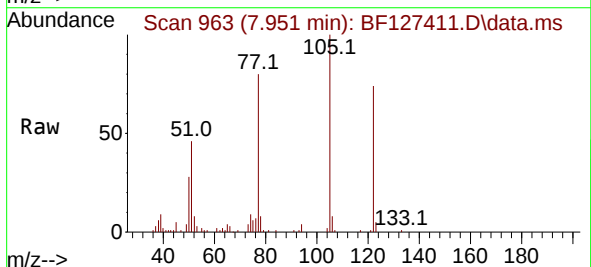
Instrument :
BNA_F
ClientSampleId :
124042MSD

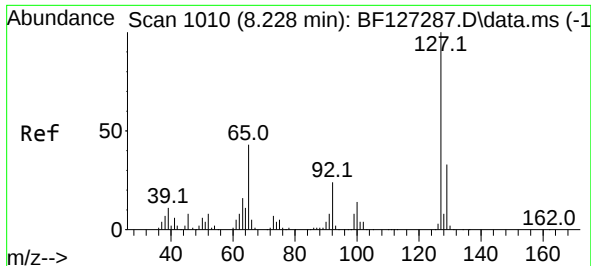
Tgt Ion:128 Resp: 397435
Ion Ratio Lower Upper
128 100
129 11.5 8.6 13.0
127 13.1 10.3 15.5



#32
Benzoic acid
Concen: 43.445 ng
RT: 7.951 min Scan# 963
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion:122 Resp: 62604
Ion Ratio Lower Upper
122 100
105 134.7 101.0 141.0
77 107.3 74.5 114.5

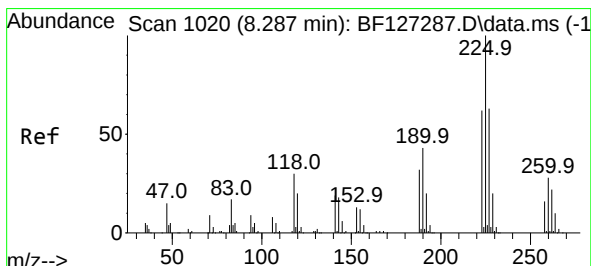
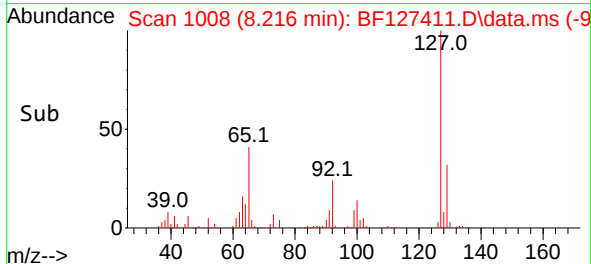
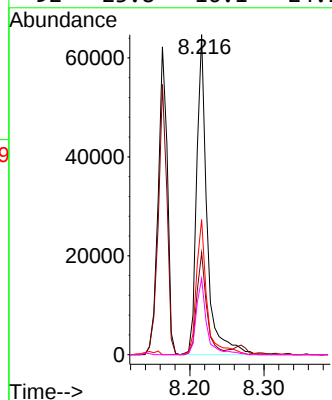
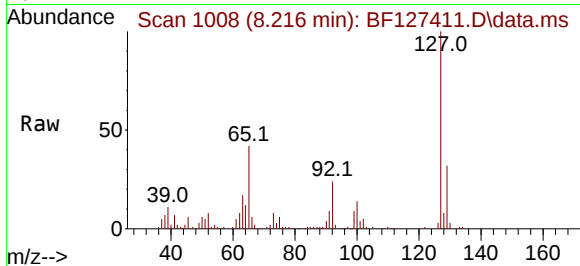




#33
4-Chloroaniline
Concen: 20.739 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

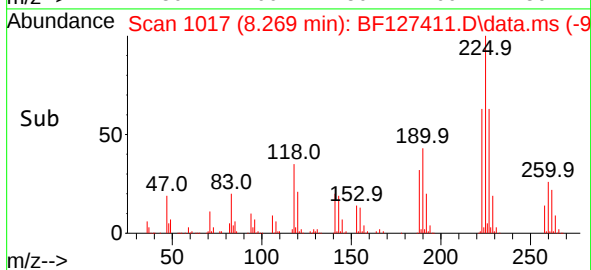
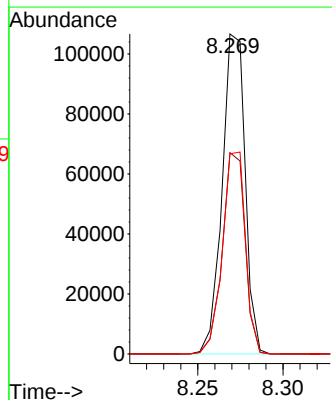
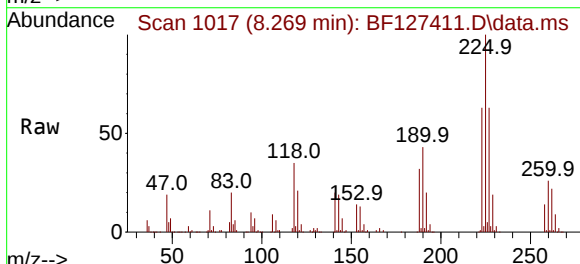
Instrument :
BNA_F
ClientSampleId :
124042MSD

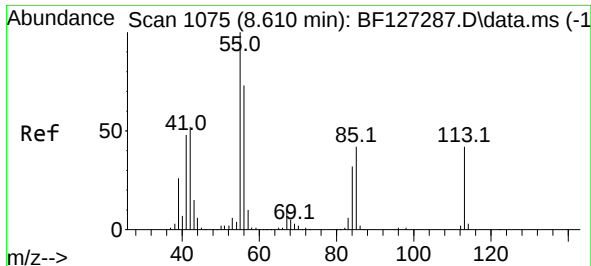
Tgt Ion:	127	Resp:	63506
Ion Ratio	Lower	Upper	
127	100		
129	31.9	26.5	39.7
65	42.2	26.6	39.8#
92	23.8	16.1	24.1



#34
Hexachlorobutadiene
Concen: 54.497 ng
RT: 8.269 min Scan# 1017
Delta R.T. -0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion:	225	Resp:	100044
Ion Ratio	Lower	Upper	
225	100		
223	62.9	48.6	73.0
227	62.6	51.4	77.0

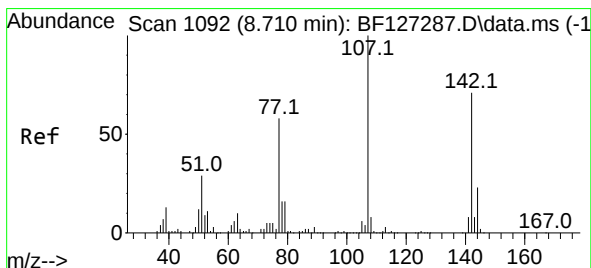
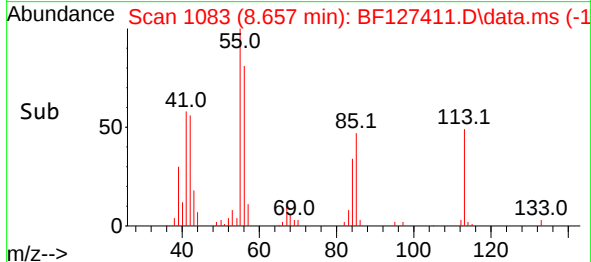
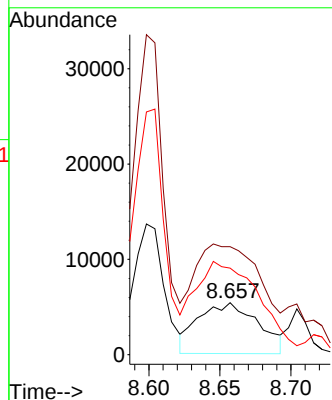
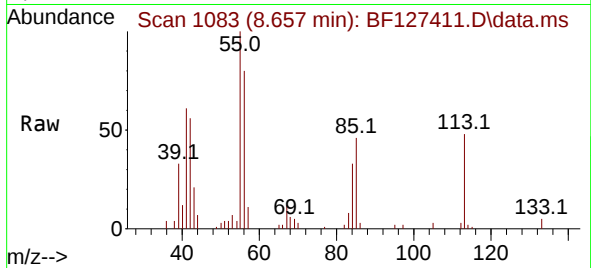




#35
 Caprolactam
 Concen: 21.643 ng
 RT: 8.657 min Scan# 1083
 Delta R.T. 0.053 min
 Lab File: BF127411.D
 Acq: 19 Mar 2022 00:42

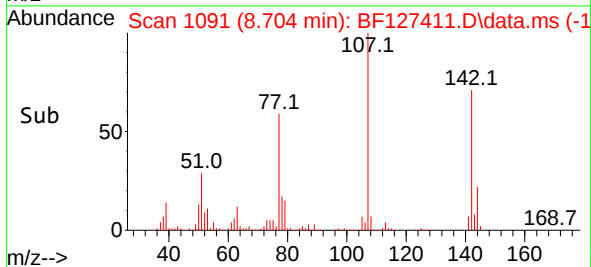
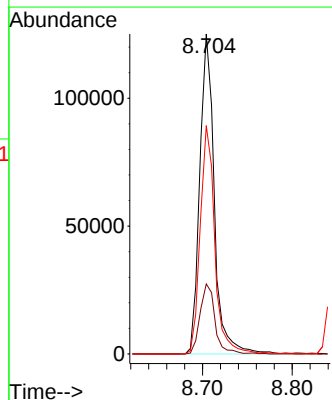
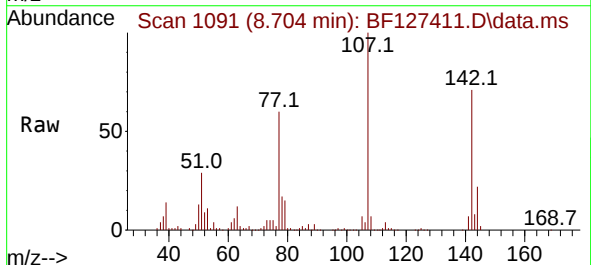
Instrument :
 BNA_F
 ClientSampleId :
 124042MSD

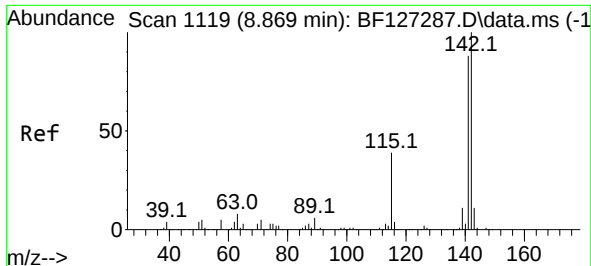
Tgt Ion:113 Resp: 15613
 Ion Ratio Lower Upper
 113 100
 55 207.4 183.9 223.9
 56 166.4 129.9 169.9



#36
 4-Chloro-3-methylphenol
 Concen: 53.864 ng
 RT: 8.704 min Scan# 1091
 Delta R.T. 0.000 min
 Lab File: BF127411.D
 Acq: 19 Mar 2022 00:42

Tgt Ion:107 Resp: 140975
 Ion Ratio Lower Upper
 107 100
 144 21.9 18.5 27.7
 142 71.4 58.1 87.1





#37

2-Methylnaphthalene

Concen: 53.651 ng

RT: 8.857 min Scan# 1117

Delta R.T. 0.000 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

Instrument :

BNA_F

ClientSampleId :

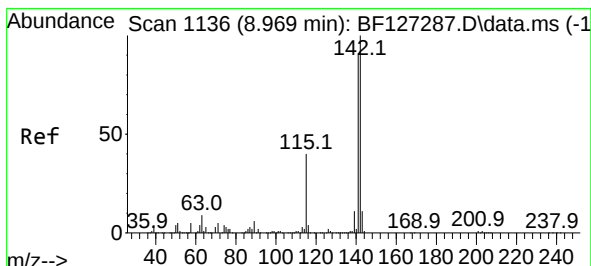
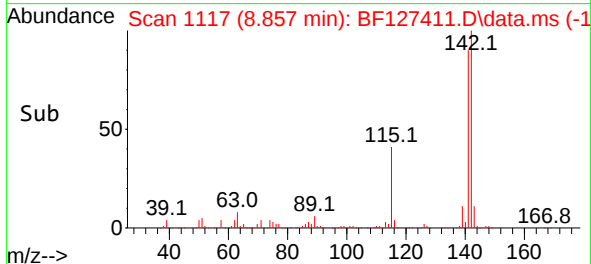
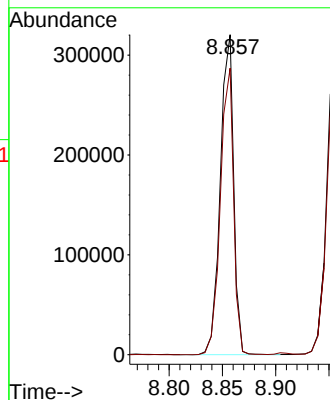
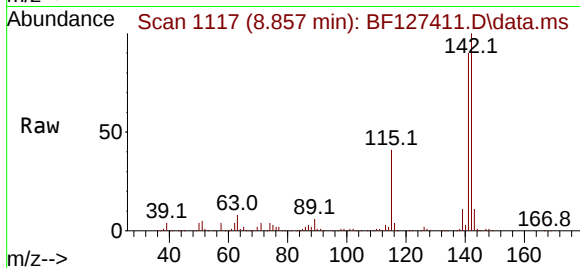
124042MSD

Tgt Ion:142 Resp: 276950

Ion Ratio Lower Upper

142 100

141 89.6 68.6 102.8



#38

1-Methylnaphthalene

Concen: 53.966 ng

RT: 8.957 min Scan# 1134

Delta R.T. 0.000 min

Lab File: BF127411.D

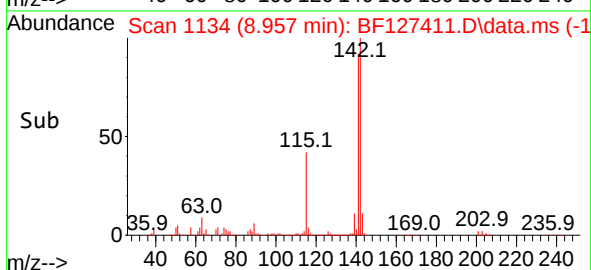
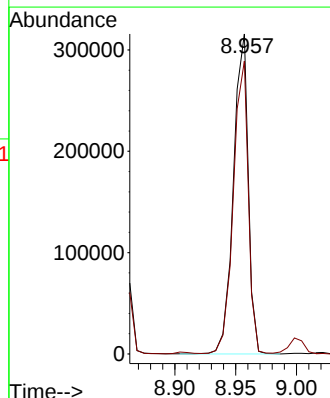
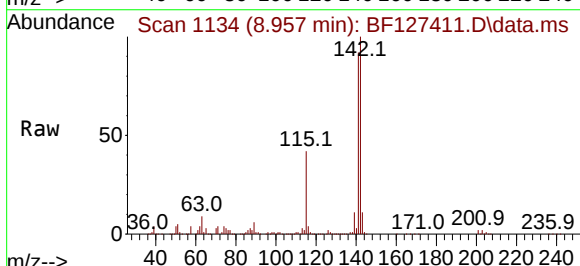
Acq: 19 Mar 2022 00:42

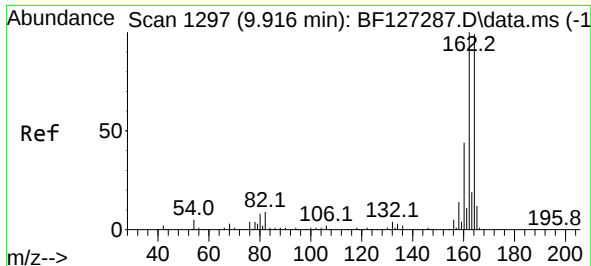
Tgt Ion:142 Resp: 267810

Ion Ratio Lower Upper

142 100

141 91.5 72.1 108.1

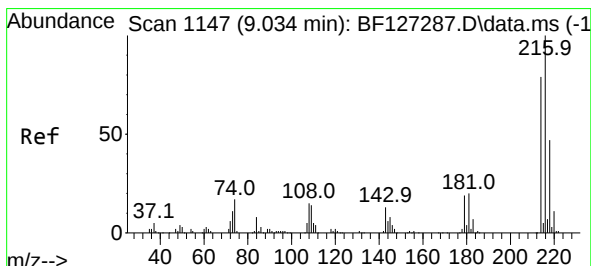
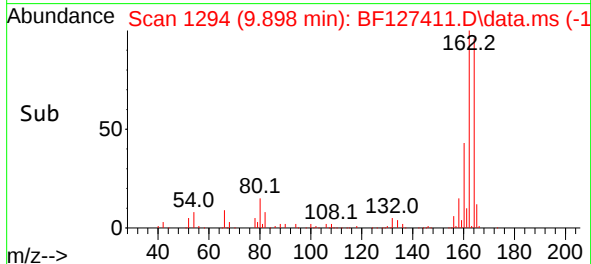
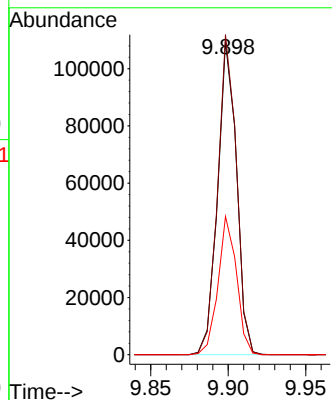
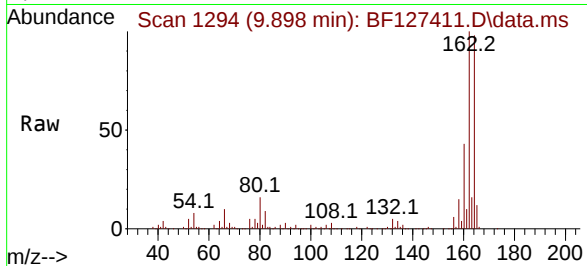




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1145
Delta R.T. -0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

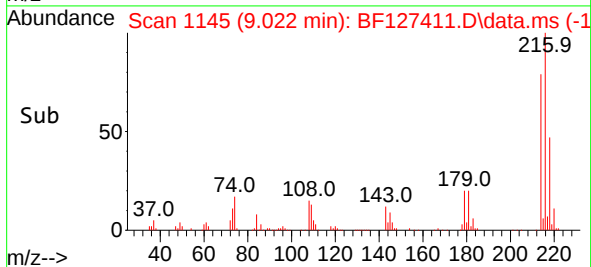
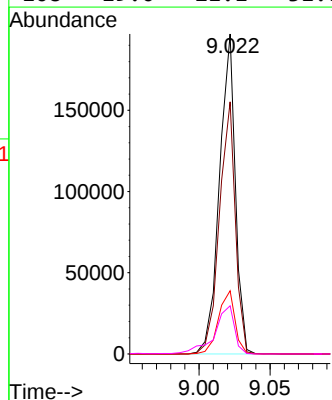
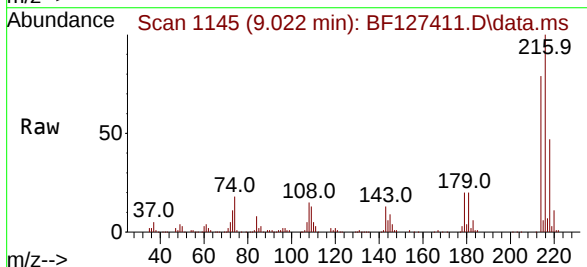
Instrument :
BNA_F
ClientSampleId :
124042MSD

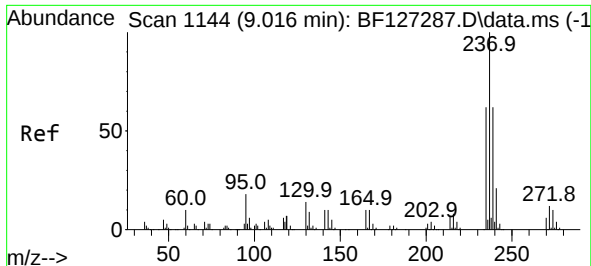
Tgt Ion:164 Resp: 92635
Ion Ratio Lower Upper
164 100
162 102.4 81.4 122.0
160 44.2 36.6 54.8



#40
1,2,4,5-Tetrachlorobenzene
Concen: 52.017 ng
RT: 9.022 min Scan# 1145
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion:216 Resp: 152542
Ion Ratio Lower Upper
216 100
214 78.9 64.6 96.8
179 20.5 19.5 29.3
108 19.0 21.1 31.7#

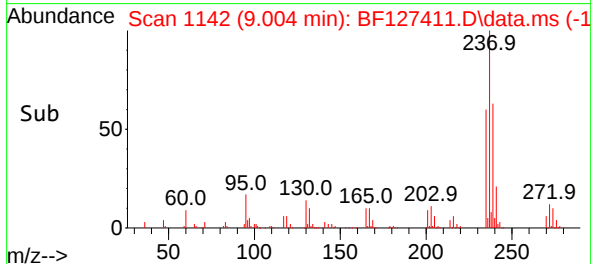
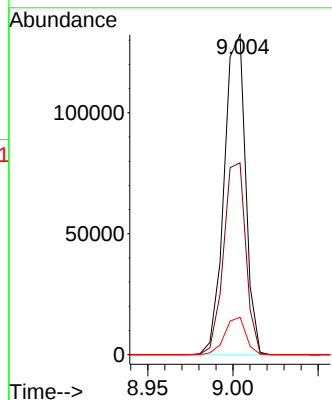
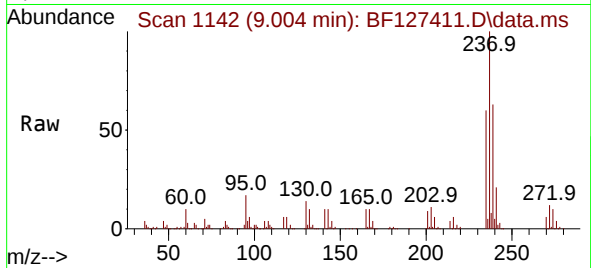




#41
Hexachlorocyclopentadiene
Concen: 93.606 ng
RT: 9.004 min Scan# 1144
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

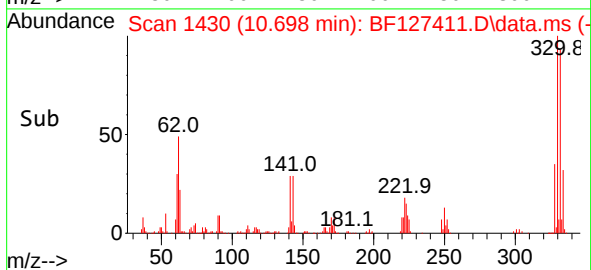
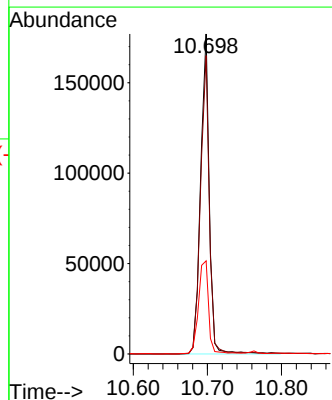
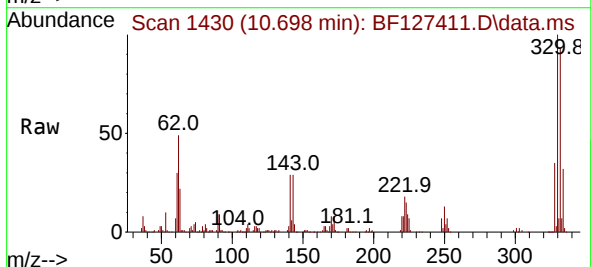
Instrument :
BNA_F
ClientSampleId :
124042MSD

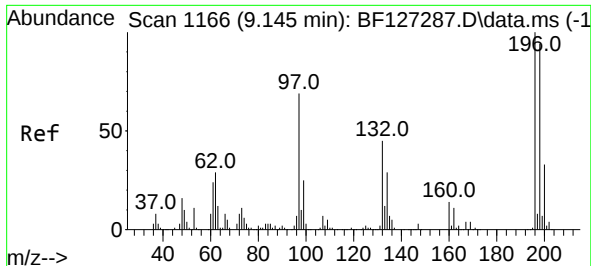
Tgt Ion:237 Resp: 115878
Ion Ratio Lower Upper
237 100
235 60.0 38.9 78.9
272 11.7 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 144.220 ng
RT: 10.698 min Scan# 1430
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion:330 Resp: 143817
Ion Ratio Lower Upper
330 100
332 94.5 76.0 114.0
141 34.1 30.1 45.1





#43

2,4,6-Trichlorophenol

Concen: 51.069 ng

RT: 9.139 min Scan# 1165

Delta R.T. 0.000 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

Instrument :

BNA_F

ClientSampleId :

124042MSD

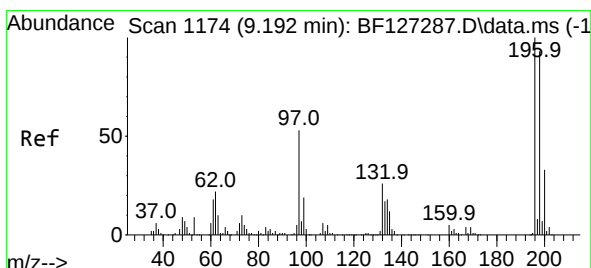
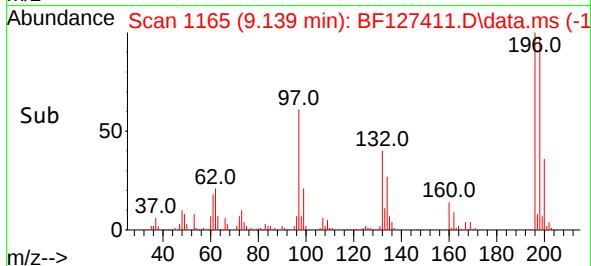
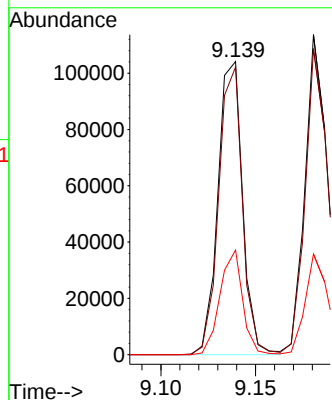
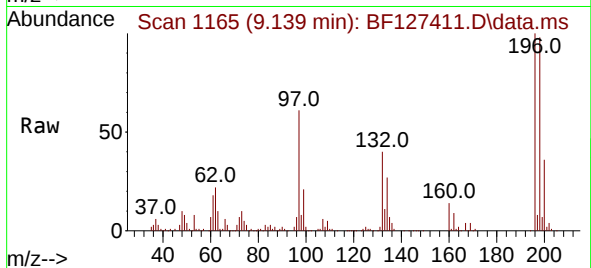
Tgt Ion:196 Resp: 94521

Ion Ratio Lower Upper

196 100

198 98.2 78.5 117.7

200 35.7 24.9 37.3



#44

2,4,5-Trichlorophenol

Concen: 48.119 ng

RT: 9.139 min Scan# 1165

Delta R.T. -0.041 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

Tgt Ion:196 Resp: 94521

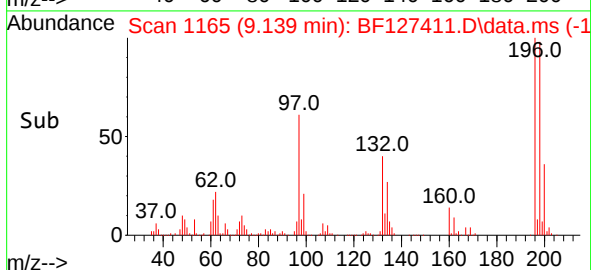
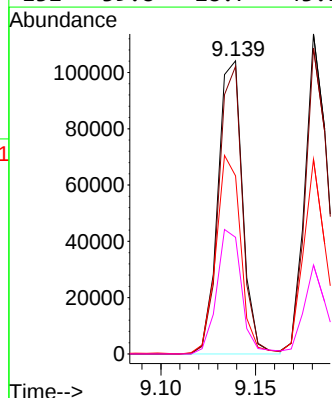
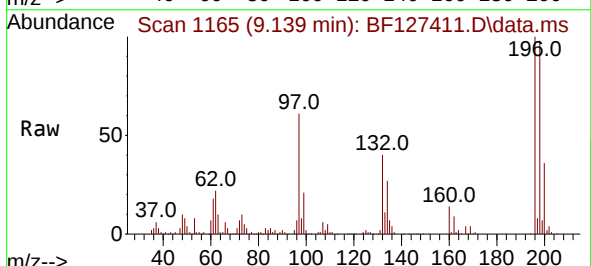
Ion Ratio Lower Upper

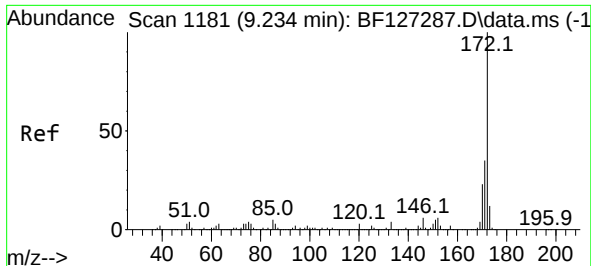
196 100

198 98.2 82.0 123.0

97 60.8 53.5 80.3

132 39.8 28.7 43.1

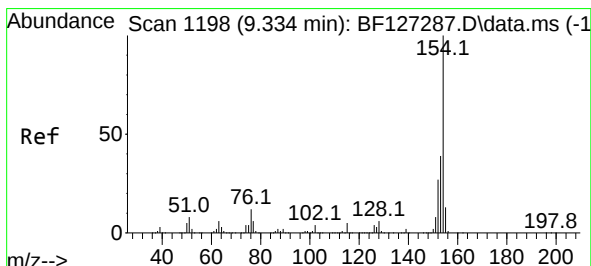
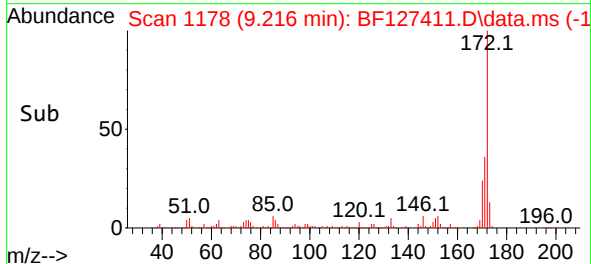
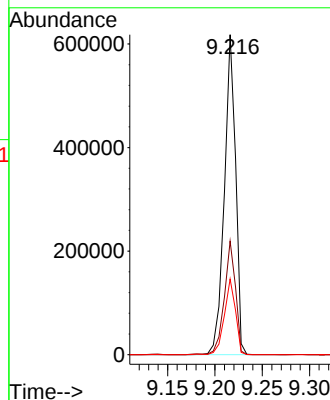
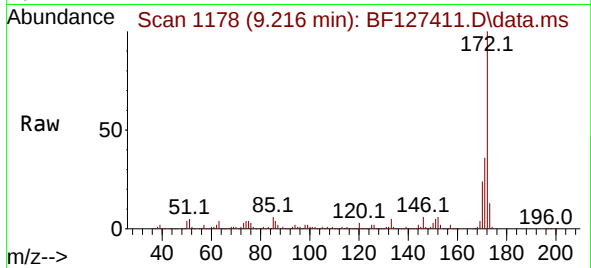




#45
2-Fluorobiphenyl
Concen: 78.185 ng
RT: 9.216 min Scan# 1178
Delta R.T. -0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

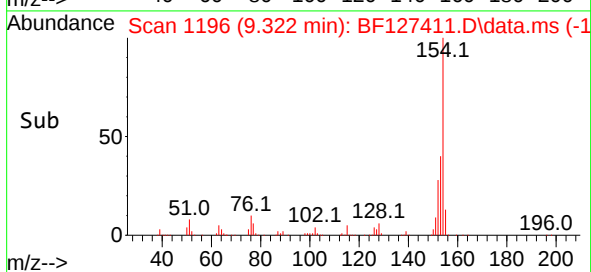
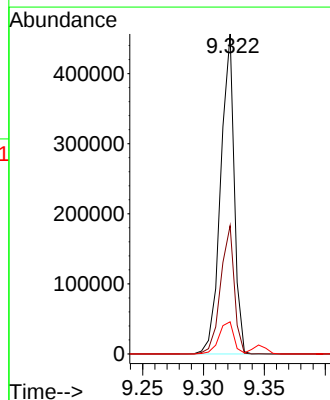
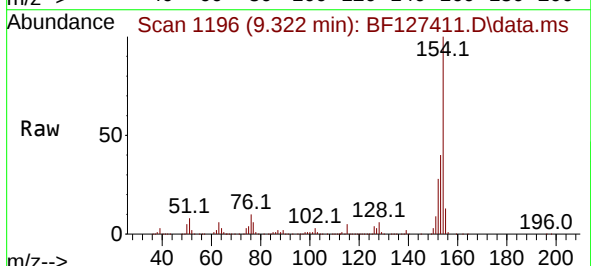
Instrument :
BNA_F
ClientSampleId :
124042MSD

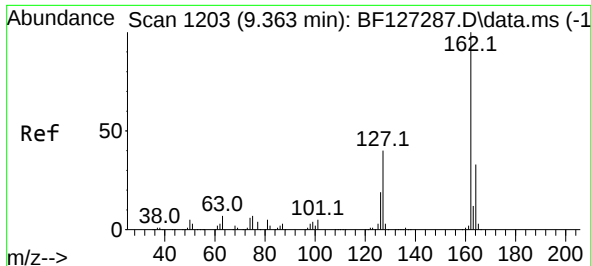
Tgt Ion:172 Resp: 512289
Ion Ratio Lower Upper
172 100
171 35.5 28.3 42.5
170 23.7 19.0 28.6



#46
1,1'-Biphenyl
Concen: 50.681 ng
RT: 9.322 min Scan# 1196
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion:154 Resp: 354337
Ion Ratio Lower Upper
154 100
153 40.1 19.0 59.0
76 10.0 0.0 34.5





#47

2-Chloronaphthalene

Concen: 50.578 ng

RT: 9.345 min Scan# 1200

Delta R.T. -0.006 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

Instrument :

BNA_F

ClientSampleId :

124042MSD

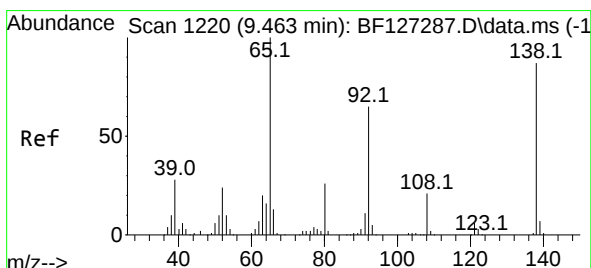
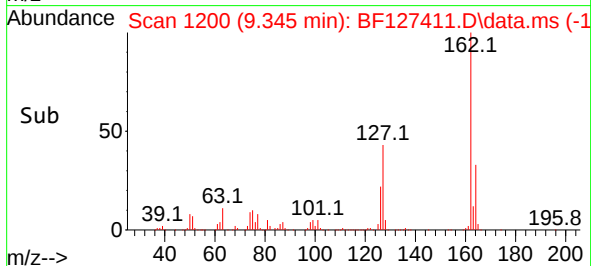
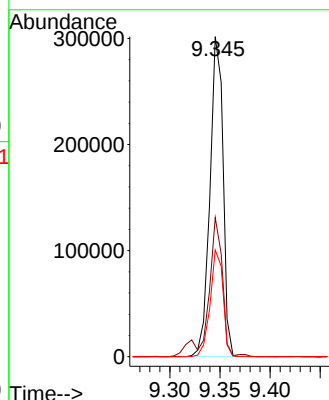
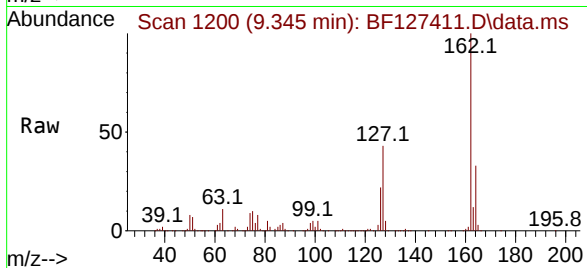
Tgt Ion:162 Resp: 275266

Ion Ratio Lower Upper

162 100

127 43.5 33.5 50.3

164 33.3 26.2 39.4



#48

2-Nitroaniline

Concen: 51.119 ng

RT: 9.451 min Scan# 1218

Delta R.T. 0.000 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

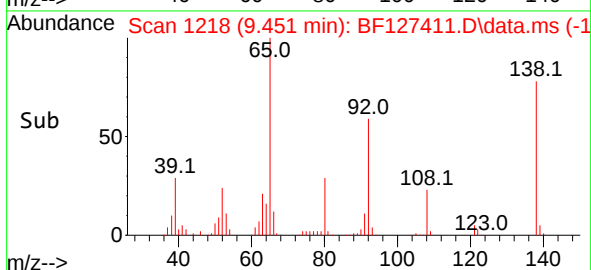
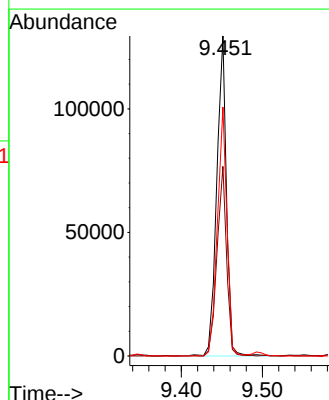
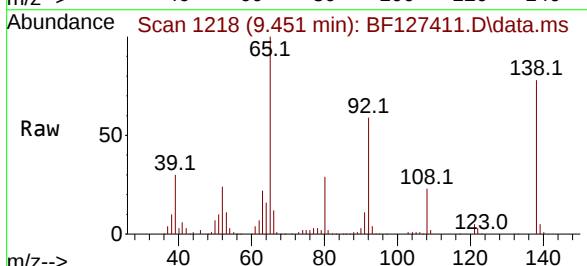
Tgt Ion: 65 Resp: 107043

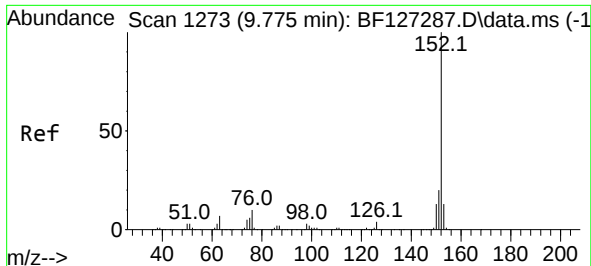
Ion Ratio Lower Upper

65 100

92 59.3 54.4 81.6

138 77.8 72.5 108.7





#49

Acenaphthylene

Concen: 53.410 ng

RT: 9.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

Instrument :

BNA_F

ClientSampleId :

124042MSD

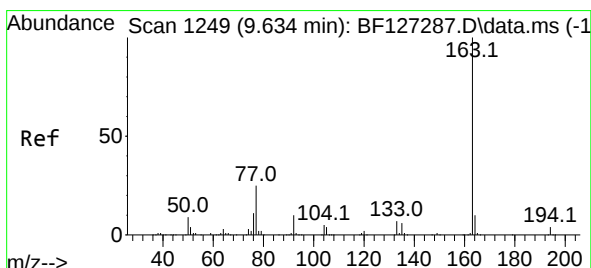
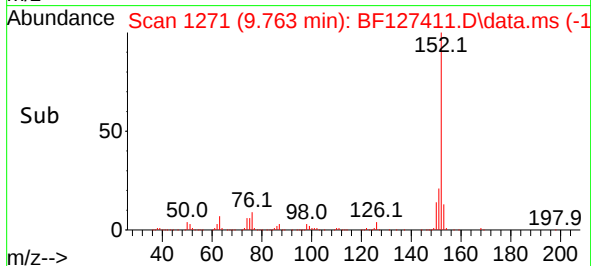
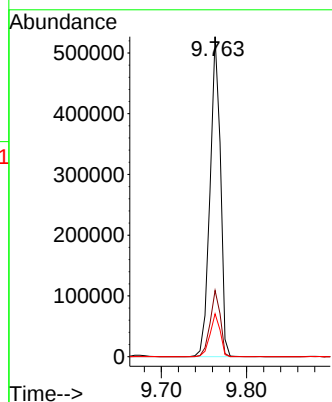
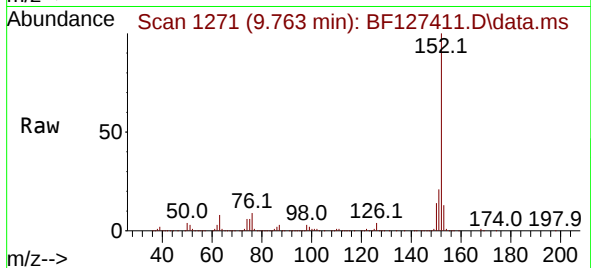
Tgt Ion:152 Resp: 444835

Ion Ratio Lower Upper

152 100

151 20.7 15.7 23.5

153 13.4 11.4 17.0



#50

Dimethylphthalate

Concen: 51.307 ng

RT: 9.622 min Scan# 1247

Delta R.T. -0.006 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

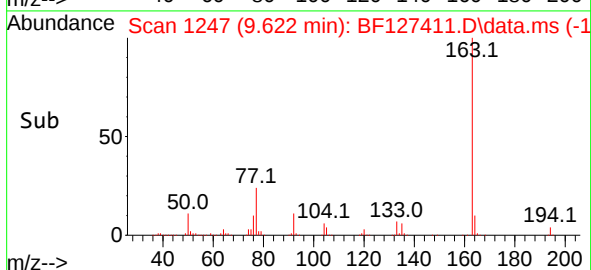
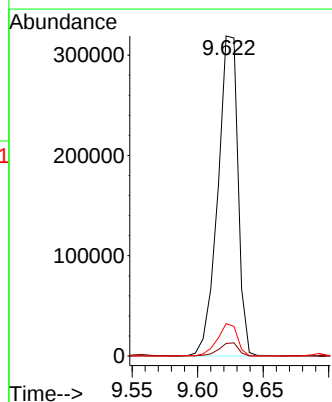
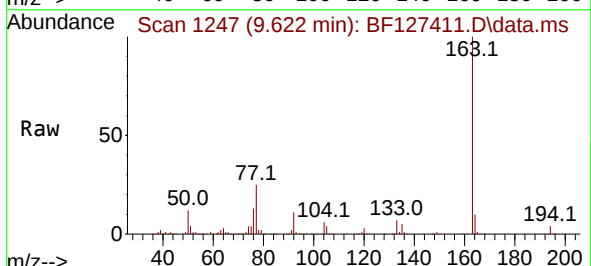
Tgt Ion:163 Resp: 340575

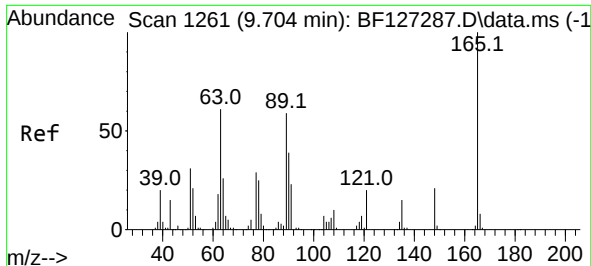
Ion Ratio Lower Upper

163 100

194 3.9 2.6 3.8#

164 10.1 7.8 11.8

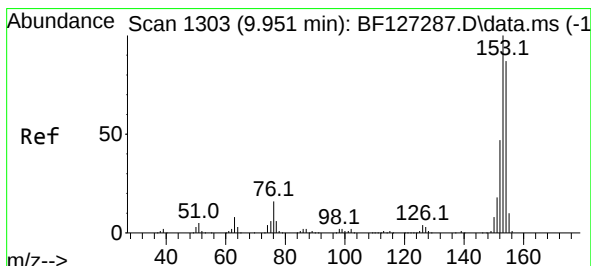
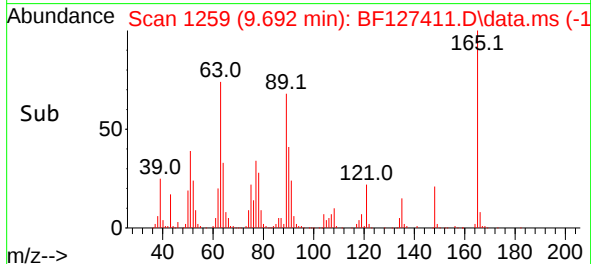
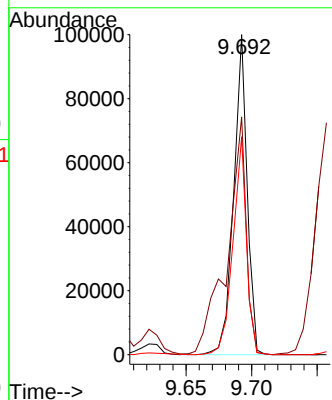
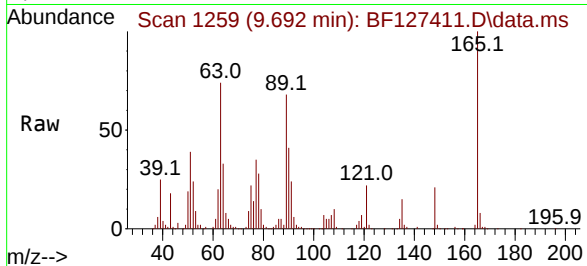




#51
2,6-Dinitrotoluene
Concen: 53.540 ng
RT: 9.692 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

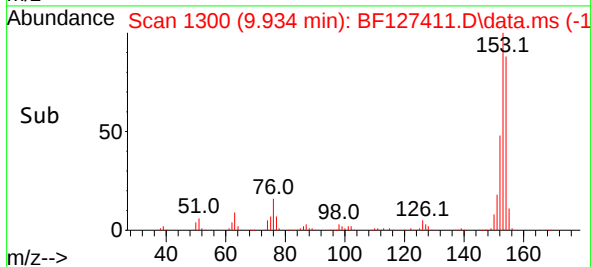
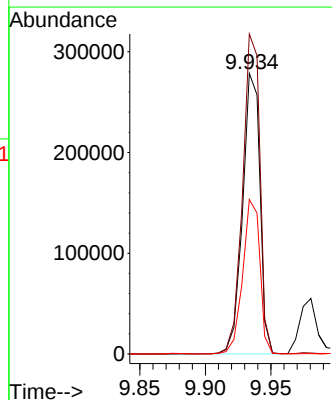
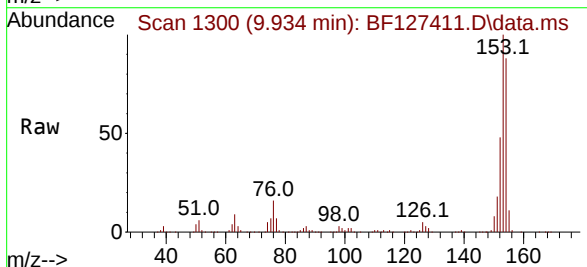
Instrument :
BNA_F
ClientSampleId :
124042MSD

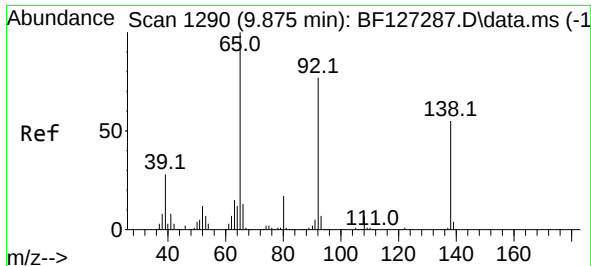
Tgt Ion:165 Resp: 71890
Ion Ratio Lower Upper
165 100
63 74.3 48.4 72.6#
89 68.1 50.5 75.7



#52
Acenaphthene
Concen: 51.652 ng
RT: 9.934 min Scan# 1300
Delta R.T. -0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion:154 Resp: 256434
Ion Ratio Lower Upper
154 100
153 114.0 87.8 131.6
152 55.0 39.4 59.2

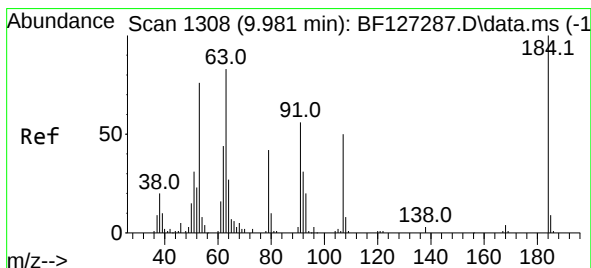
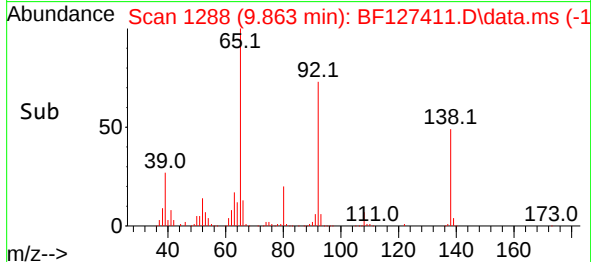
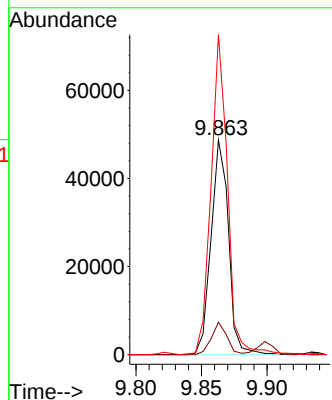
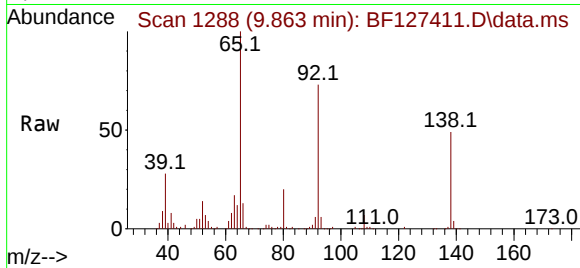




#53
3-Nitroaniline
Concen: 30.818 ng
RT: 9.863 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

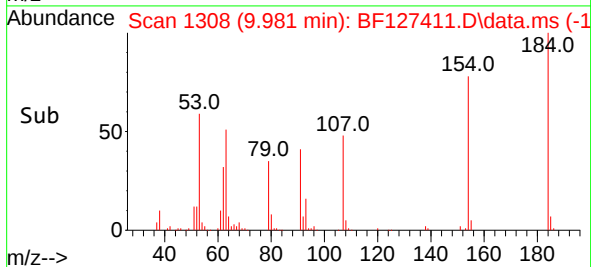
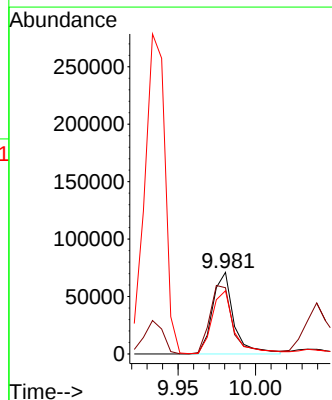
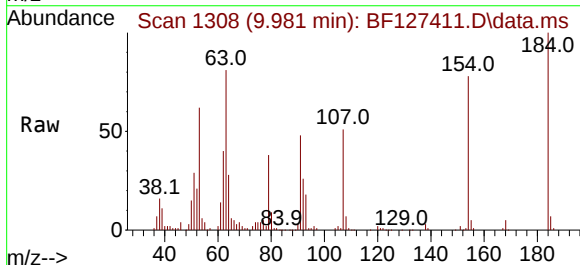
Instrument :
BNA_F
ClientSampleId :
124042MSD

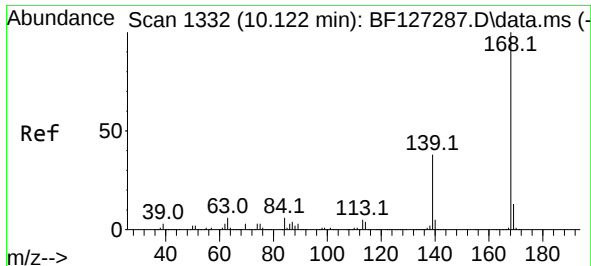
Tgt Ion:138 Resp: 45094
Ion Ratio Lower Upper
138 100
108 15.1 8.6 13.0#
92 149.0 105.0 157.6



#54
2,4-Dinitrophenol
Concen: 90.671 ng
RT: 9.981 min Scan# 1308
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion:184 Resp: 67492
Ion Ratio Lower Upper
184 100
63 81.3 70.4 105.6
154 77.6 49.7 74.5#

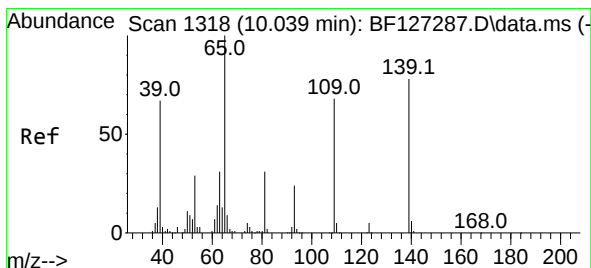
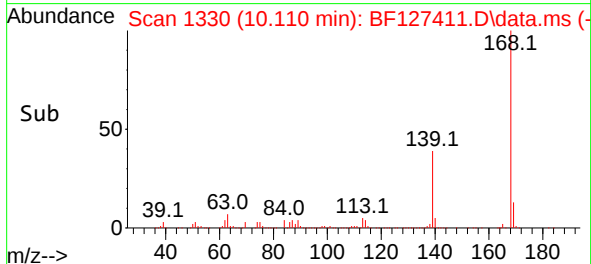
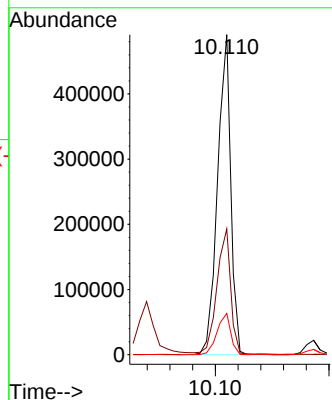
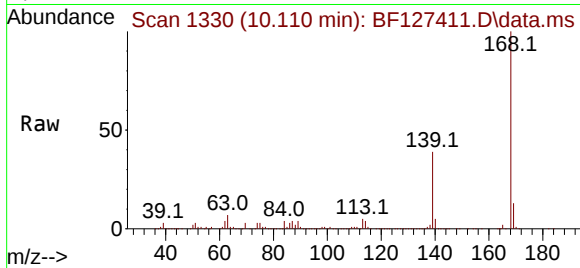




#55
Dibenzenofuran
Concen: 51.375 ng
RT: 10.110 min Scan# 1330
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

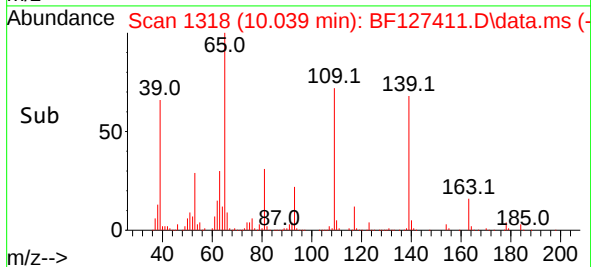
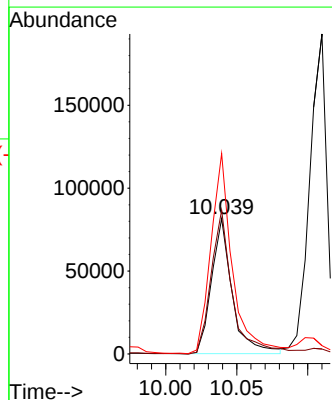
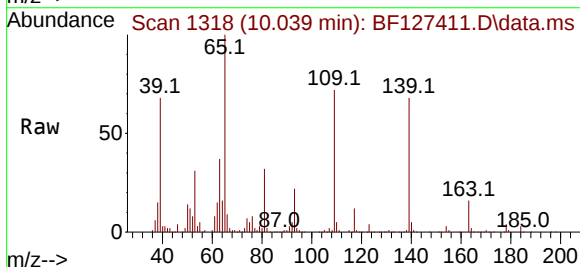
Instrument :
BNA_F
ClientSampleId :
124042MSD

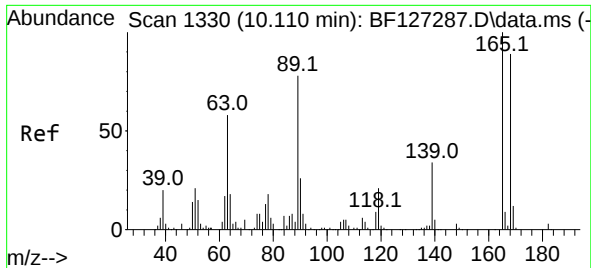
Tgt Ion:168 Resp: 396250
Ion Ratio Lower Upper
168 100
139 39.3 30.6 46.0
169 12.9 10.0 15.0



#56
4-Nitrophenol
Concen: 93.054 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion:139 Resp: 82759
Ion Ratio Lower Upper
139 100
109 106.4 44.1 84.1#
65 148.1 85.5 125.5#

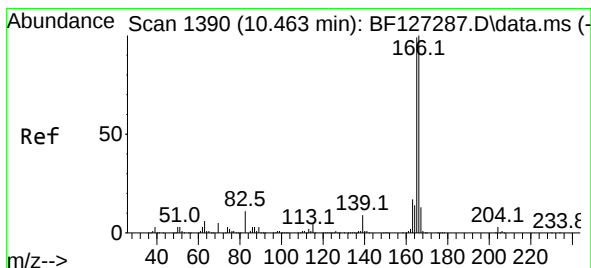
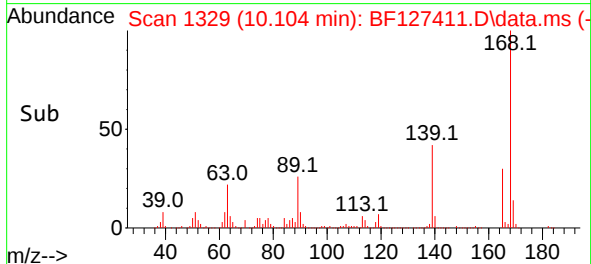
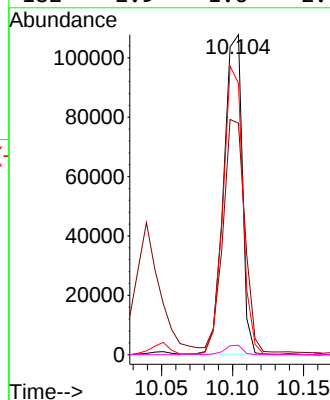
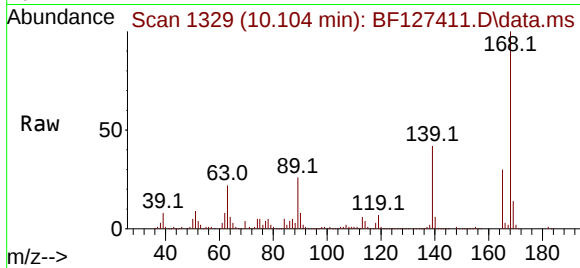




#57
2,4-Dinitrotoluene
Concen: 55.414 ng
RT: 10.104 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

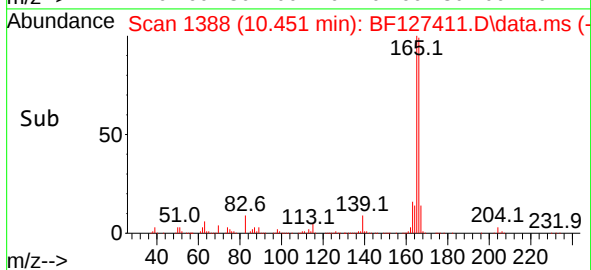
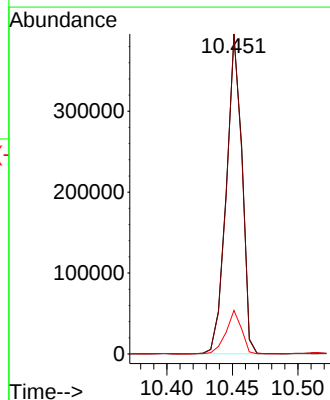
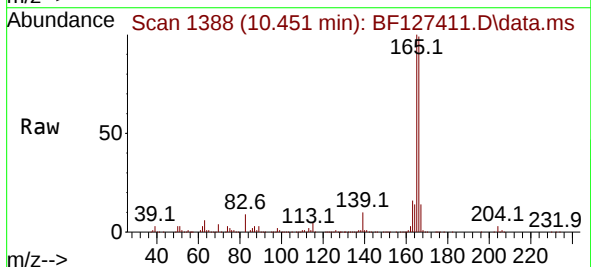
Instrument :
BNA_F
ClientSampleId :
124042MSD

Tgt Ion:165 Resp: 97896
Ion Ratio Lower Upper
165 100
63 72.4 43.0 64.6#
89 84.8 71.0 106.4
182 2.9 1.6 2.4#



#58
Fluorene
Concen: 54.618 ng
RT: 10.451 min Scan# 1388
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion:166 Resp: 326655
Ion Ratio Lower Upper
166 100
165 100.7 77.7 116.5
167 13.7 10.7 16.1





#59

2,3,4,6-Tetrachlorophenol

Concen: 51.622 ng

RT: 10.228 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

Instrument :

BNA_F

ClientSampleId :

124042MSD

Tgt Ion:232 Resp: 84269

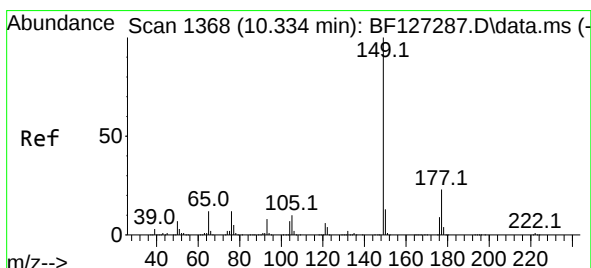
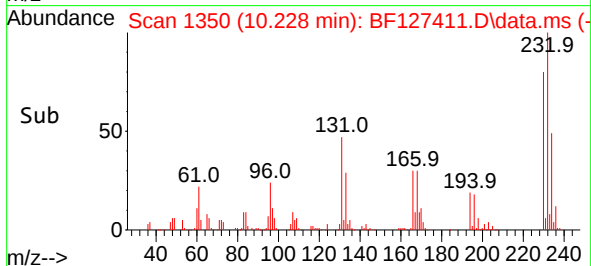
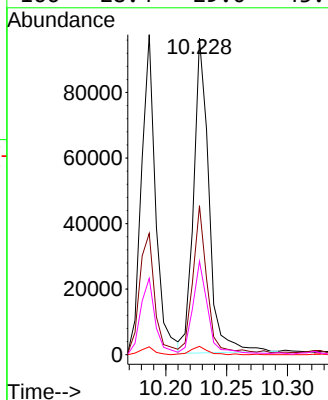
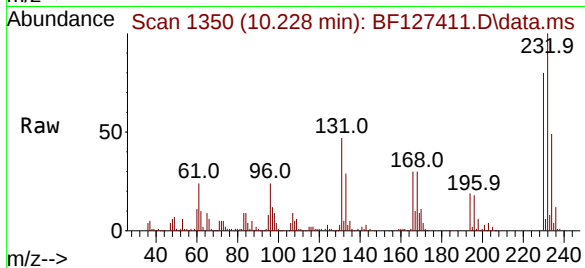
Ion Ratio Lower Upper

232 100

131 43.5 50.0 75.0#

130 2.9 2.2 3.2

166 28.4 29.0 43.4#



#60

Diethylphthalate

Concen: 53.794 ng

RT: 10.322 min Scan# 1366

Delta R.T. 0.000 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

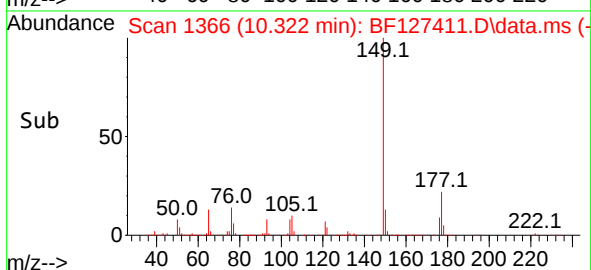
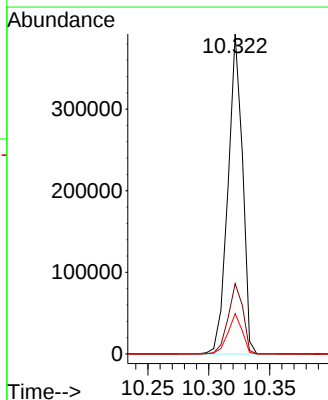
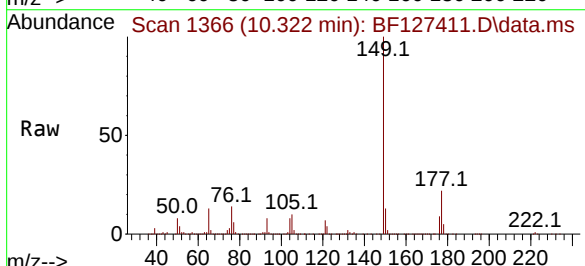
Tgt Ion:149 Resp: 325716

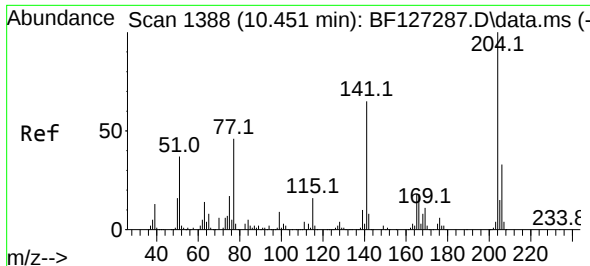
Ion Ratio Lower Upper

149 100

177 22.0 16.7 25.1

150 12.6 9.8 14.8

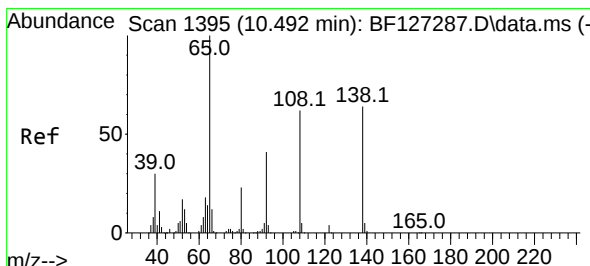
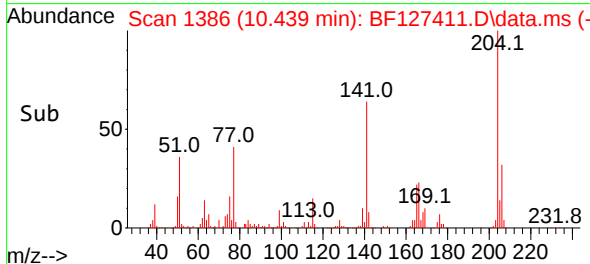
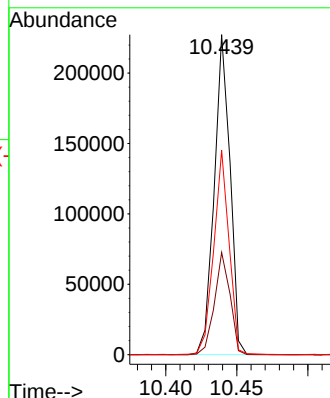
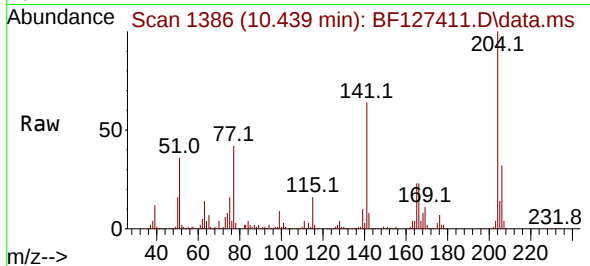




#61
4-Chlorophenyl-phenylether
Concen: 54.113 ng
RT: 10.439 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

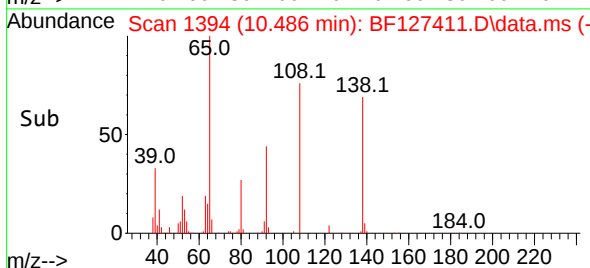
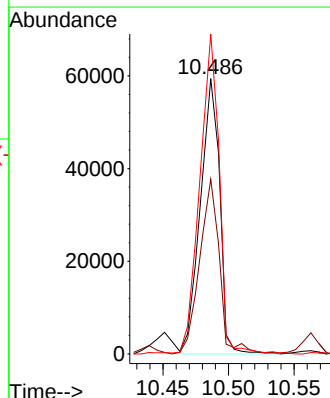
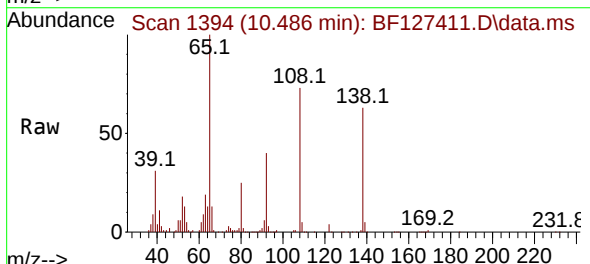
Instrument :
BNA_F
ClientSampleId :
124042MSD

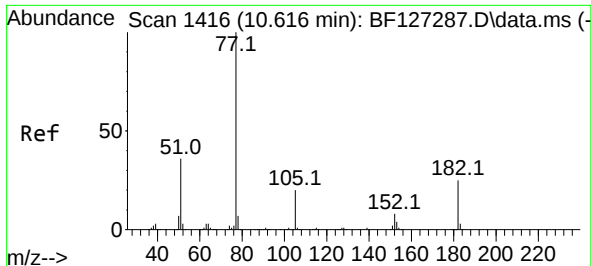
Tgt Ion:204 Resp: 175389
Ion Ratio Lower Upper
204 100
206 32.0 26.3 39.5
141 63.9 59.0 88.6



#62
4-Nitroaniline
Concen: 41.961 ng
RT: 10.486 min Scan# 1394
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion:138 Resp: 61183
Ion Ratio Lower Upper
138 100
92 63.5 36.2 76.2
108 116.2 46.7 86.7#

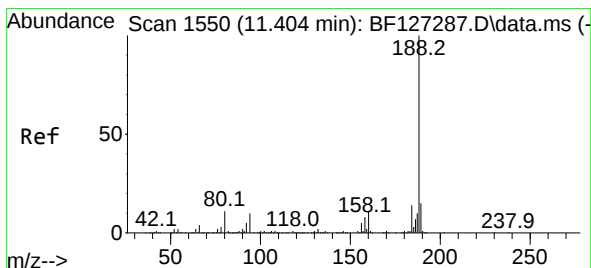
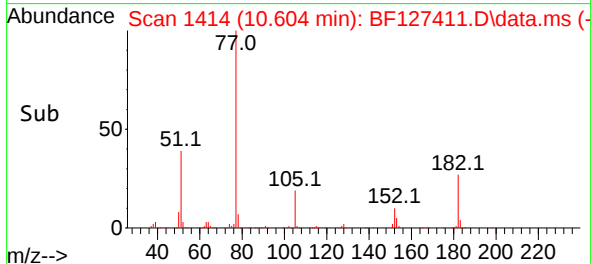
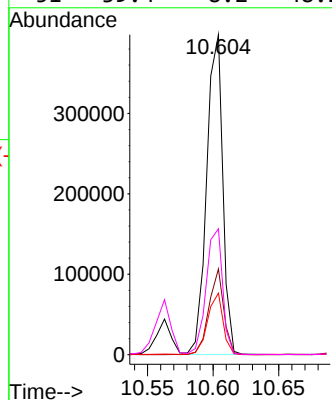
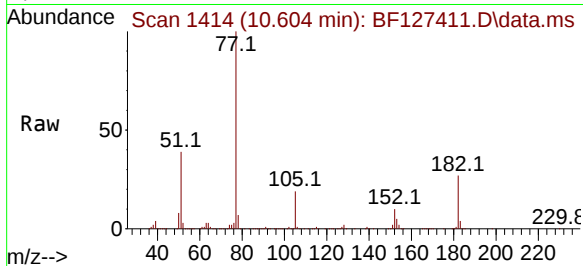




#63
Azobenzene
Concen: 48.976 ng
RT: 10.604 min Scan# 1416
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

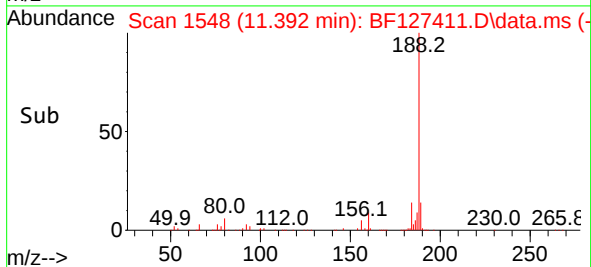
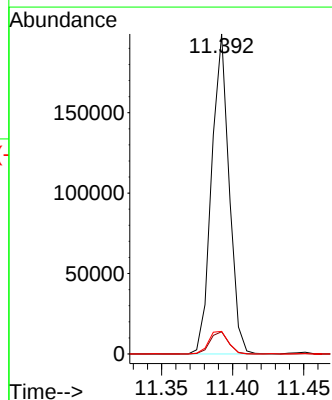
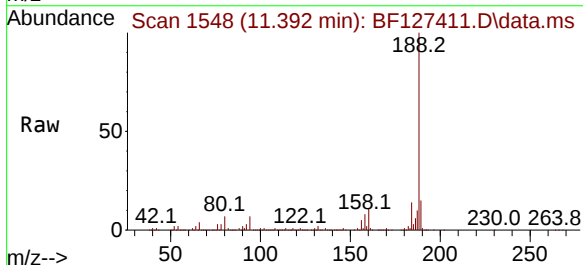
Instrument :
BNA_F
ClientSampleId :
124042MSD

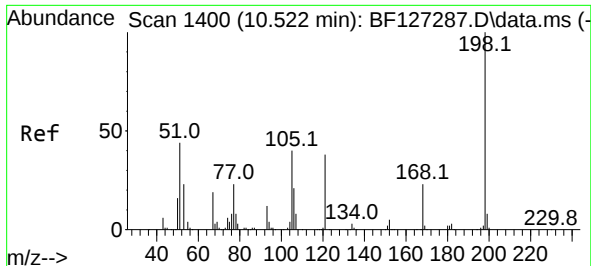
Tgt Ion: 77	Resp: 340873
Ion Ratio	Lower Upper
77 100	
182 26.8	0.0 39.0
105 19.3	3.2 43.2
51 39.4	8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1548
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion: 188	Resp: 170223
Ion Ratio	Lower Upper
188 100	
94 7.0	10.1 15.1#
80 7.1	11.8 17.6#

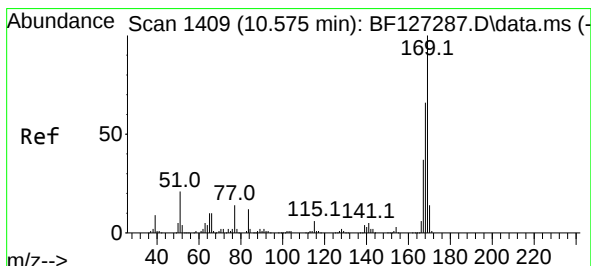
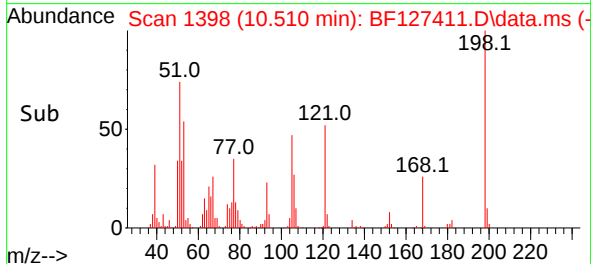
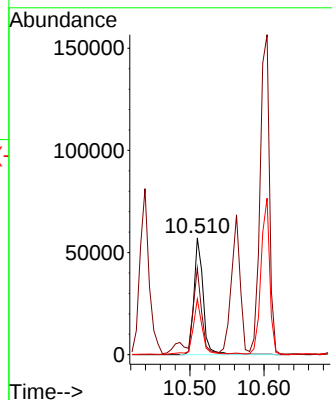
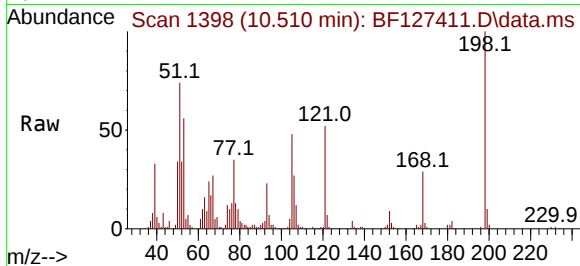




#65
4,6-Dinitro-2-methylphenol
Concen: 47.013 ng
RT: 10.510 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

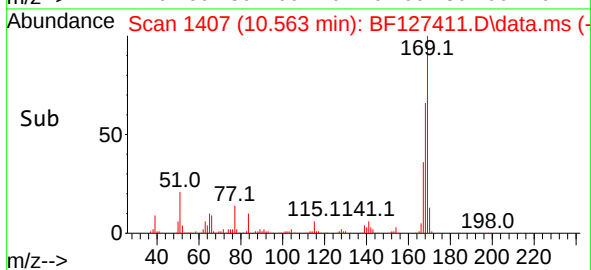
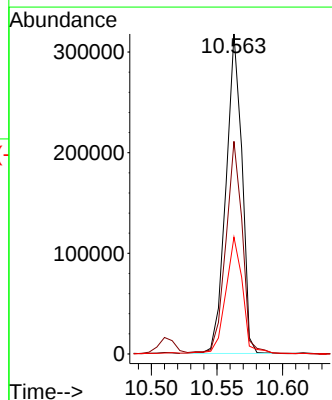
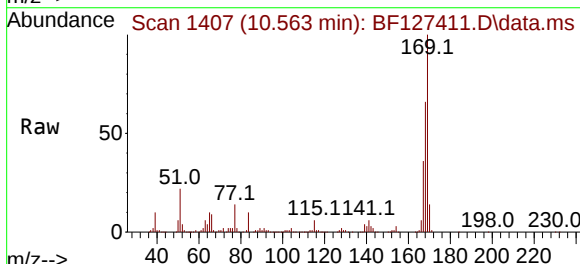
Instrument :
BNA_F
ClientSampleId :
124042MSD

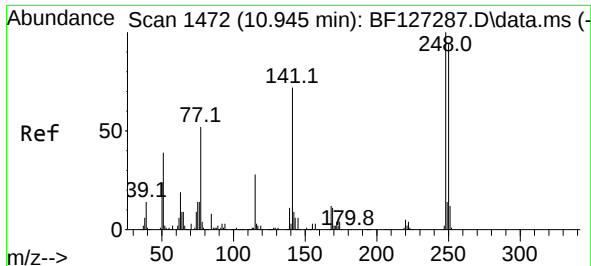
Tgt Ion:198 Resp: 49342
Ion Ratio Lower Upper
198 100
51 74.2 32.0 72.0#
105 47.6 32.7 72.7



#66
n-Nitrosodiphenylamine
Concen: 50.719 ng
RT: 10.563 min Scan# 1407
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion:169 Resp: 268133
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 36.5 29.4 44.0

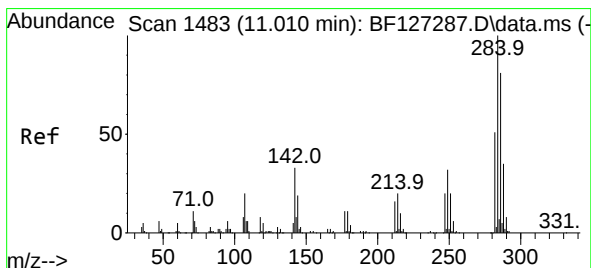
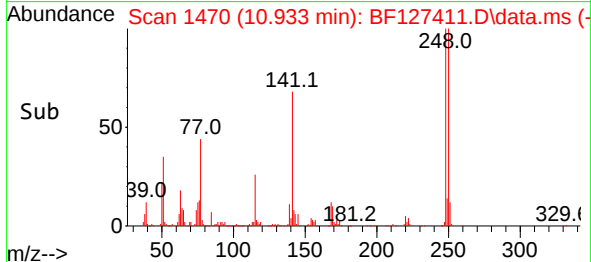
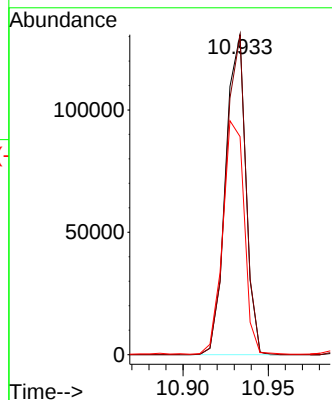
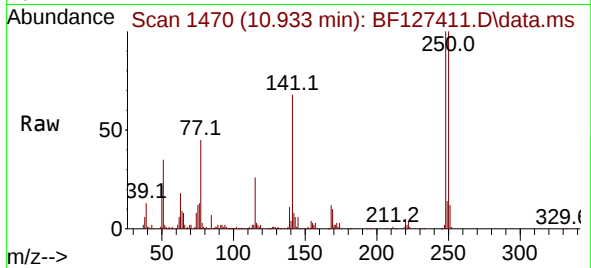




#67
4-Bromophenyl-phenylether
Concen: 52.399 ng
RT: 10.933 min Scan# 1470
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

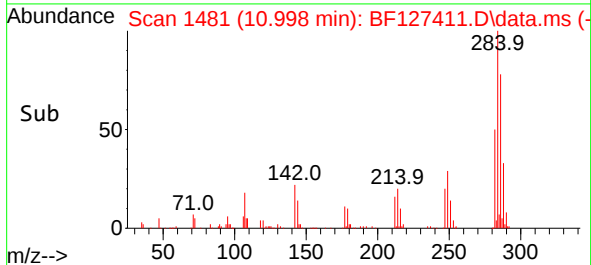
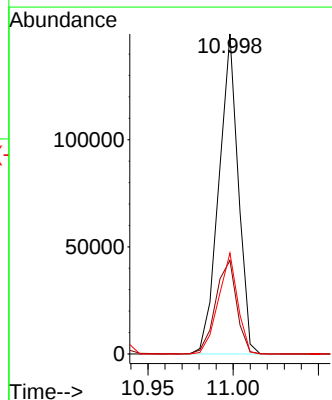
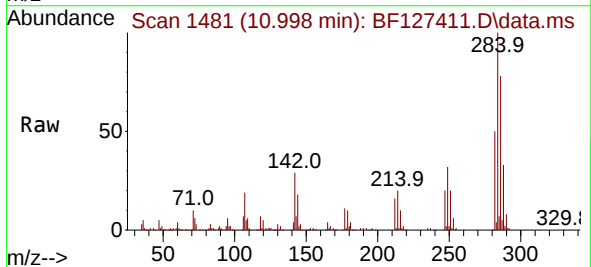
Instrument :
BNA_F
ClientSampleId :
124042MSD

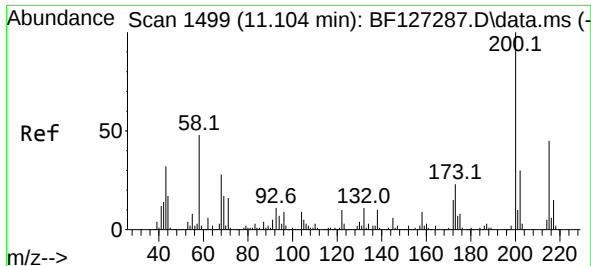
Tgt Ion:248 Resp: 107520
Ion Ratio Lower Upper
248 100
250 99.7 76.2 114.4
141 68.2 66.2 99.4



#68
Hexachlorobenzene
Concen: 52.839 ng
RT: 10.998 min Scan# 1481
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion:284 Resp: 118163
Ion Ratio Lower Upper
284 100
142 29.3 30.7 46.1#
249 31.5 21.1 31.7

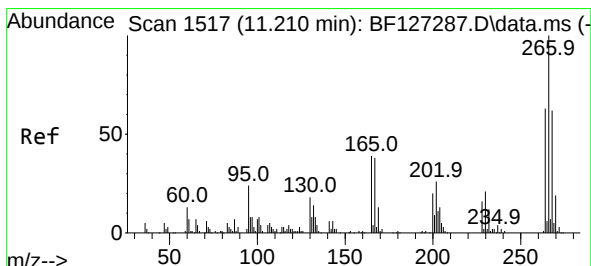
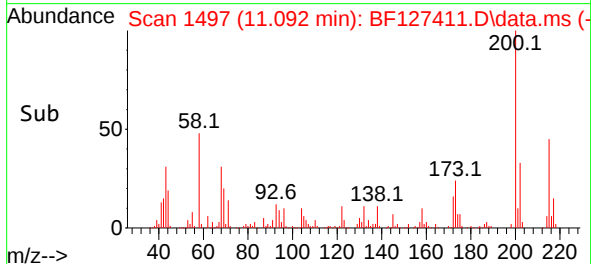
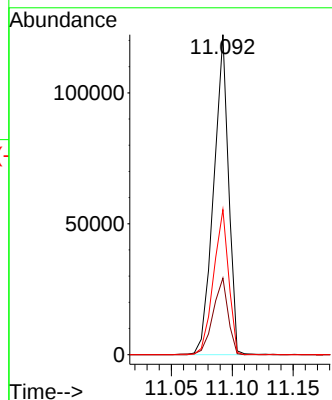
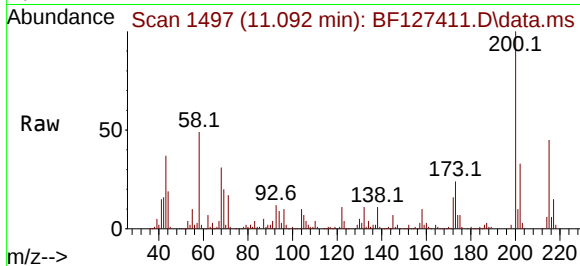




#69
 Atrazine
 Concen: 56.667 ng
 RT: 11.092 min Scan# 1499
 Delta R.T. 0.000 min
 Lab File: BF127411.D
 Acq: 19 Mar 2022 00:42

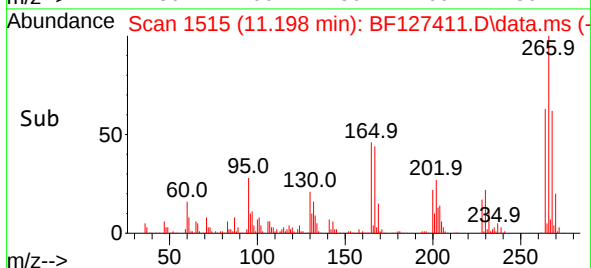
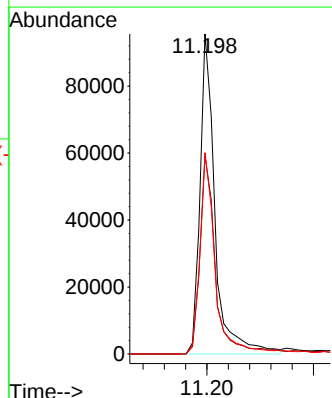
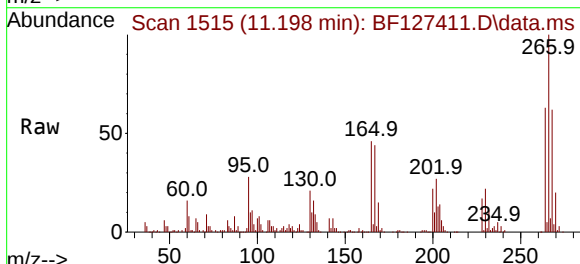
Instrument :
 BNA_F
 ClientSampleId :
 124042MSD

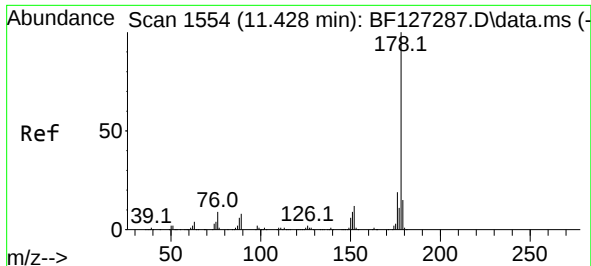
Tgt Ion:200 Resp: 103376
 Ion Ratio Lower Upper
 200 100
 173 24.0 9.2 49.2
 215 45.3 23.2 63.2



#70
 Pentachlorophenol
 Concen: 103.592 ng
 RT: 11.198 min Scan# 1515
 Delta R.T. 0.000 min
 Lab File: BF127411.D
 Acq: 19 Mar 2022 00:42

Tgt Ion:266 Resp: 93534
 Ion Ratio Lower Upper
 266 100
 268 62.0 52.3 78.5
 264 62.9 50.4 75.6

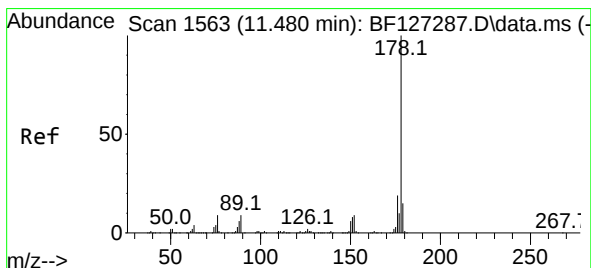
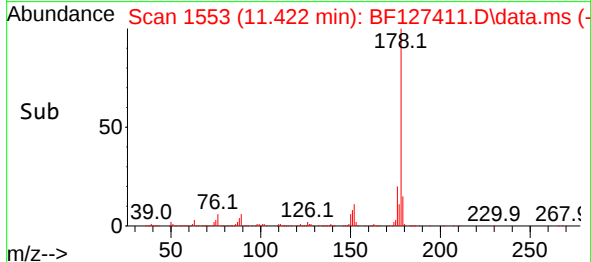
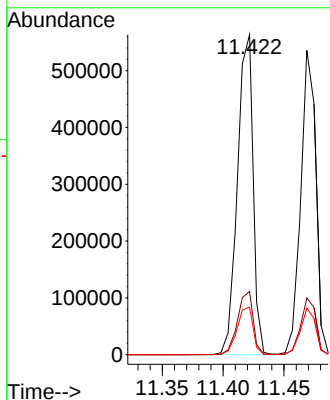
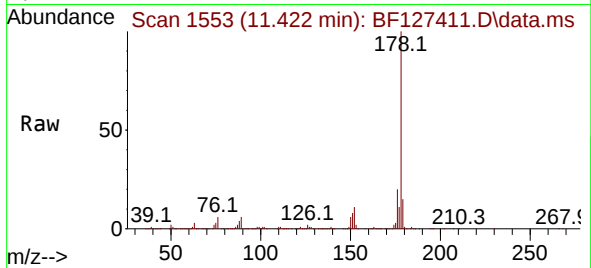




#71
Phenanthrene
Concen: 56.246 ng
RT: 11.422 min Scan# 1554
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

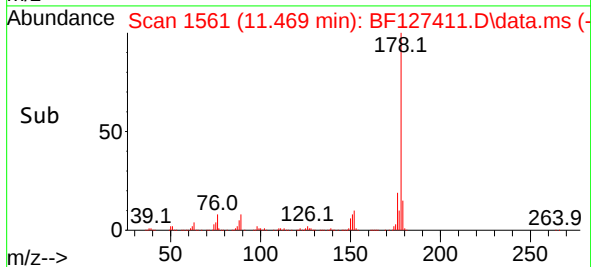
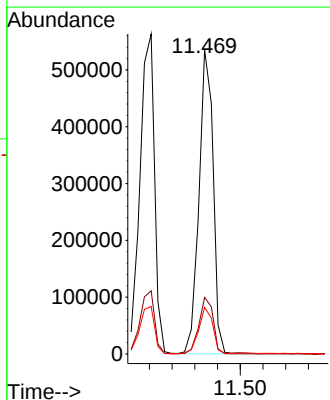
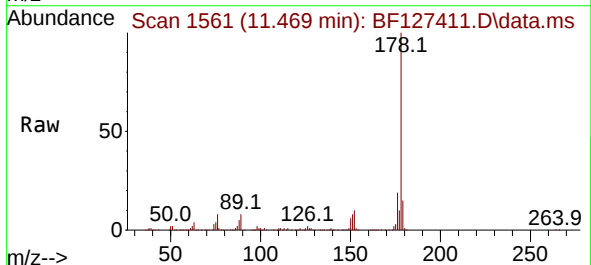
Instrument :
BNA_F
ClientSampleId :
124042MSD

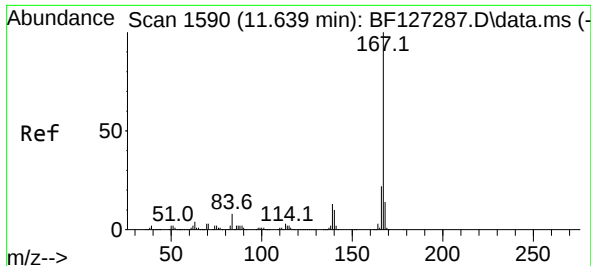
Tgt Ion:178 Resp: 505418
Ion Ratio Lower Upper
178 100
176 19.7 15.7 23.5
179 14.9 12.3 18.5



#72
Anthracene
Concen: 51.969 ng
RT: 11.469 min Scan# 1561
Delta R.T. -0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion:178 Resp: 462479
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.3 12.5 18.7

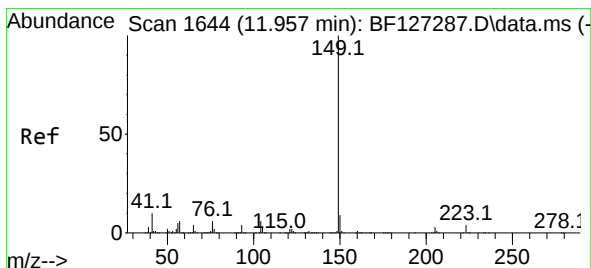
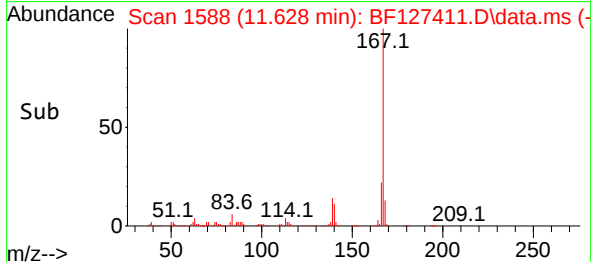
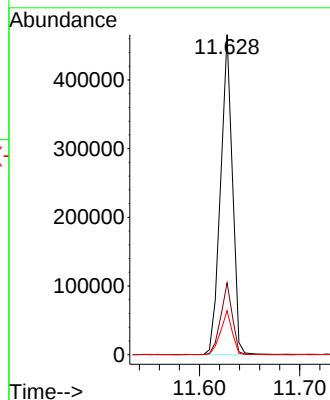
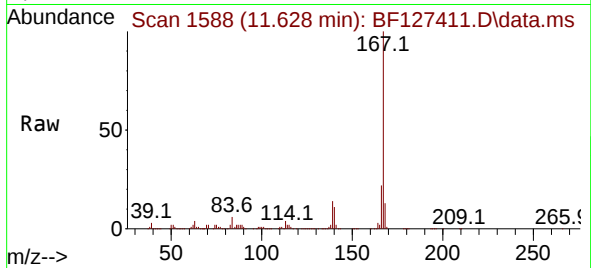




#73
 Carbazole
 Concen: 45.676 ng
 RT: 11.628 min Scan# 1588
 Delta R.T. 0.000 min
 Lab File: BF127411.D
 Acq: 19 Mar 2022 00:42

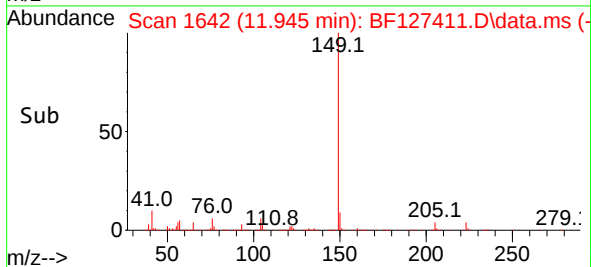
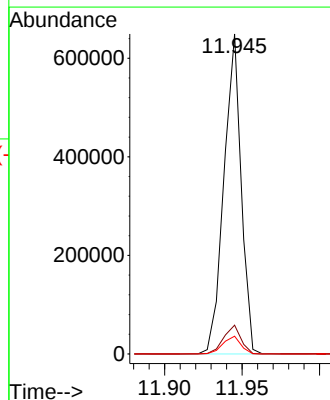
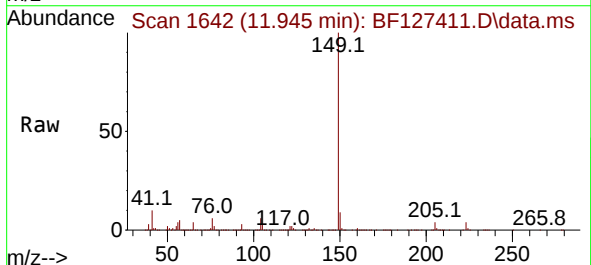
Instrument :
 BNA_F
 ClientSampleId :
 124042MSD

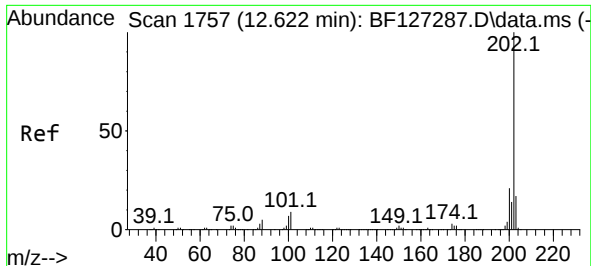
Tgt Ion:167 Resp: 382777
 Ion Ratio Lower Upper
 167 100
 166 22.5 16.9 25.3
 139 13.8 11.3 16.9



#74
 Di-n-butylphthalate
 Concen: 51.200 ng
 RT: 11.945 min Scan# 1642
 Delta R.T. 0.000 min
 Lab File: BF127411.D
 Acq: 19 Mar 2022 00:42

Tgt Ion:149 Resp: 501861
 Ion Ratio Lower Upper
 149 100
 150 9.0 7.2 10.8
 104 5.5 4.2 6.2

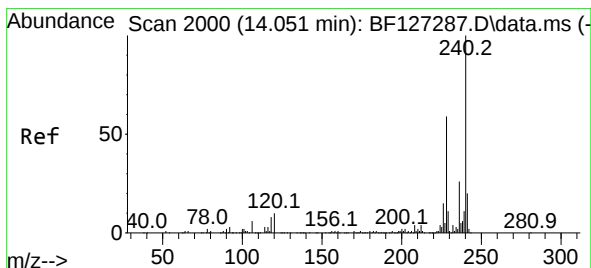
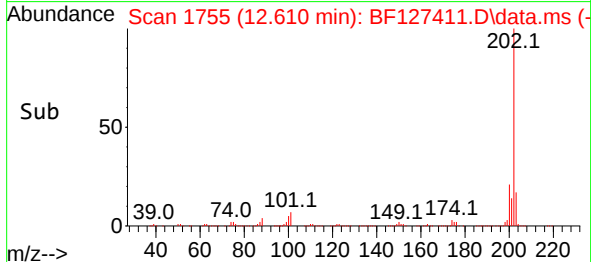
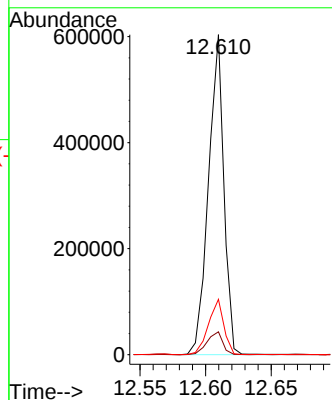
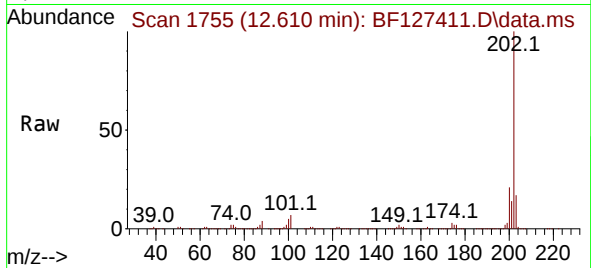




#75
Fluoranthene
Concen: 49.183 ng
RT: 12.610 min Scan# 1755
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

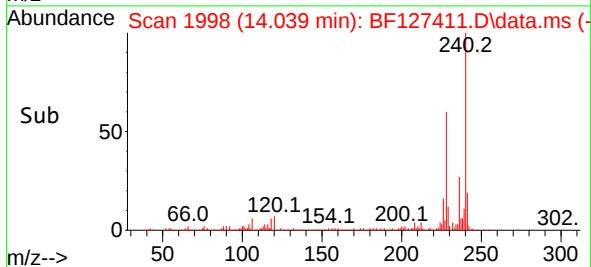
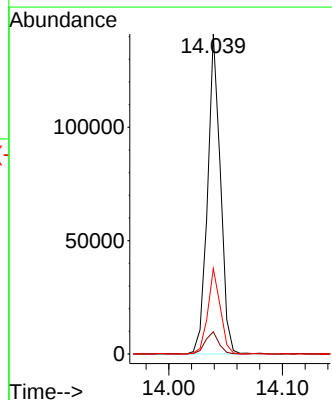
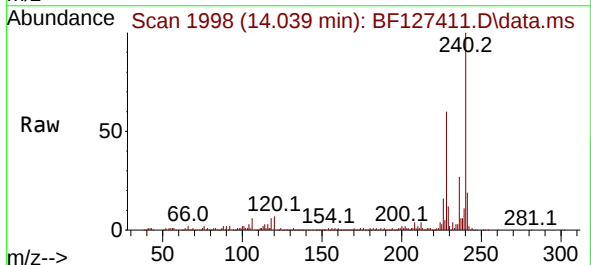
Instrument :
BNA_F
ClientSampleId :
124042MSD

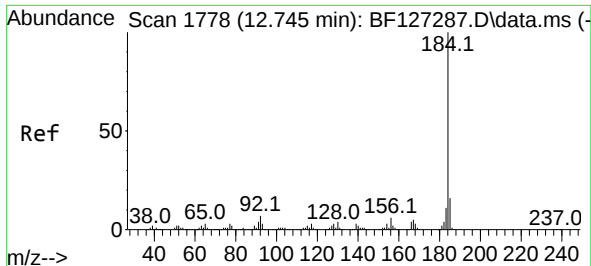
Tgt Ion:202 Resp: 494148
Ion Ratio Lower Upper
202 100
101 7.2 0.0 35.7
203 17.3 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.039 min Scan# 1998
Delta R.T. -0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion:240 Resp: 110623
Ion Ratio Lower Upper
240 100
120 6.9 14.4 21.6#
236 26.7 20.5 30.7

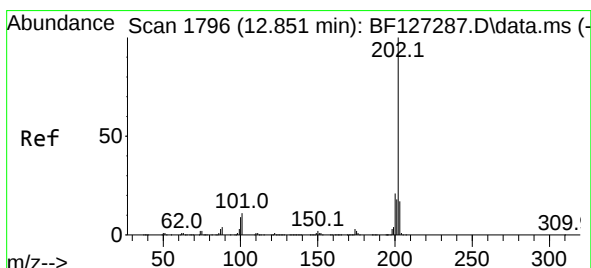
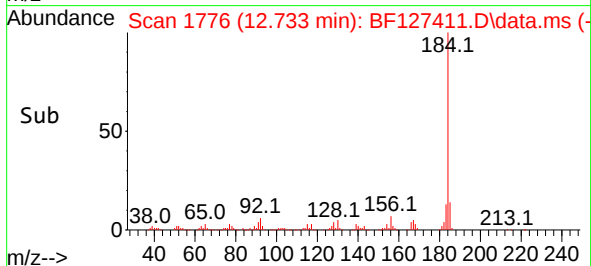
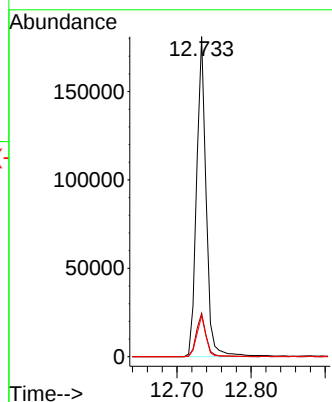
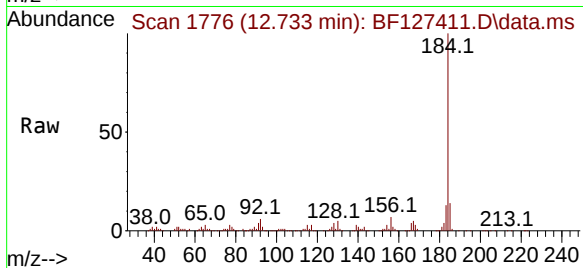




#77
Benzidine
Concen: 57.563 ng
RT: 12.733 min Scan# 1776
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

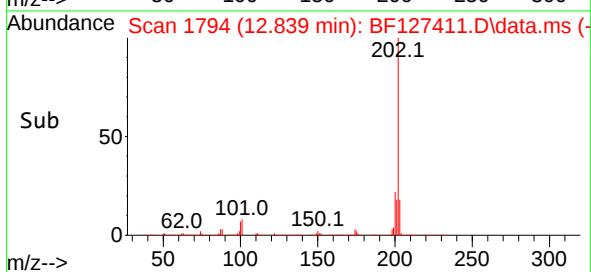
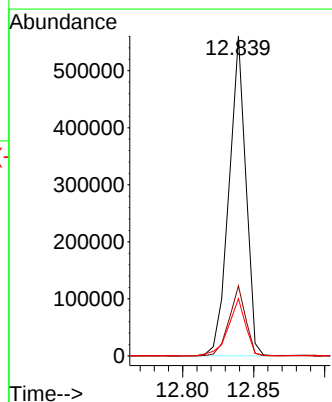
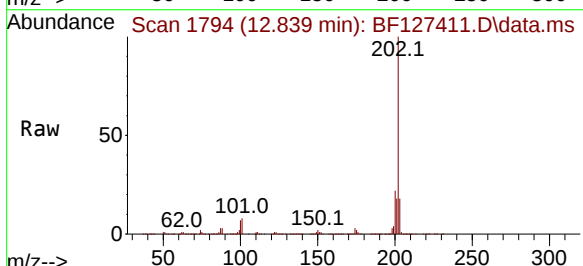
Instrument :
BNA_F
ClientSampleId :
124042MSD

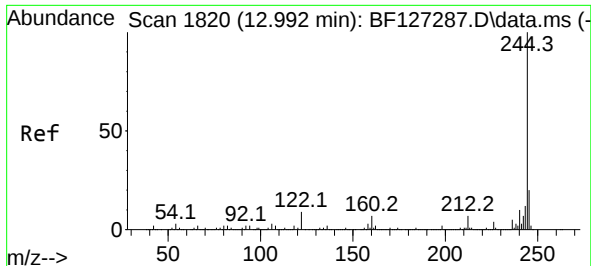
Tgt Ion:184 Resp: 161933
Ion Ratio Lower Upper
184 100
185 13.5 11.8 17.8
183 12.8 8.2 12.2#



#78
Pyrene
Concen: 53.759 ng
RT: 12.839 min Scan# 1794
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

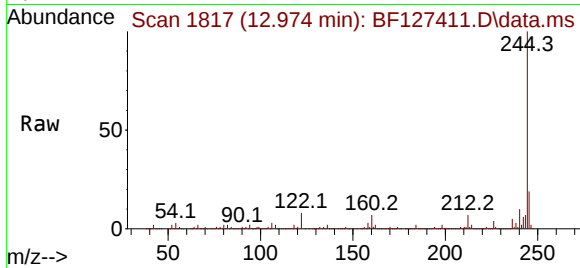
Tgt Ion:202 Resp: 463212
Ion Ratio Lower Upper
202 100
200 21.9 16.6 24.8
203 17.9 13.8 20.8



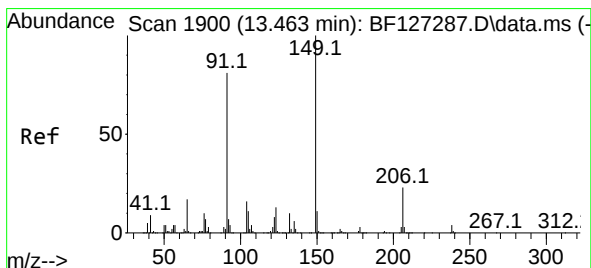
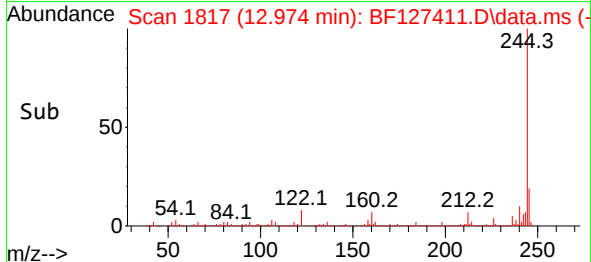
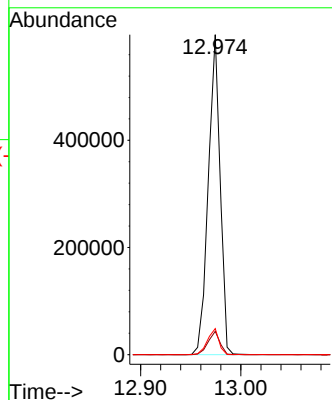


#79
 Terphenyl-d14
 Concen: 76.707 ng
 RT: 12.974 min Scan# 1817
 Delta R.T. -0.006 min
 Lab File: BF127411.D
 Acq: 19 Mar 2022 00:42

Instrument :
 BNA_F
 ClientSampleId :
 124042MSD

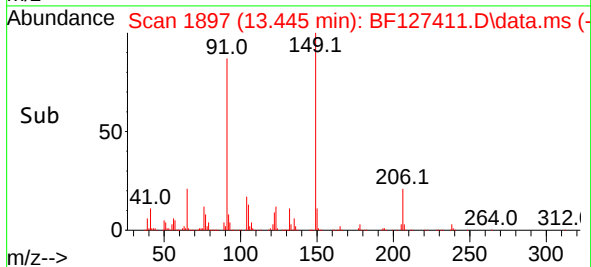
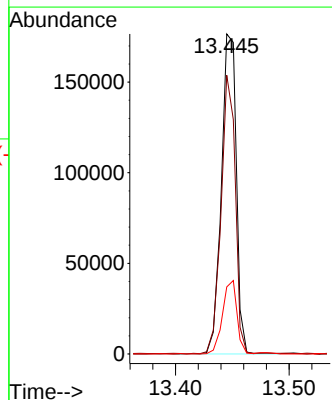
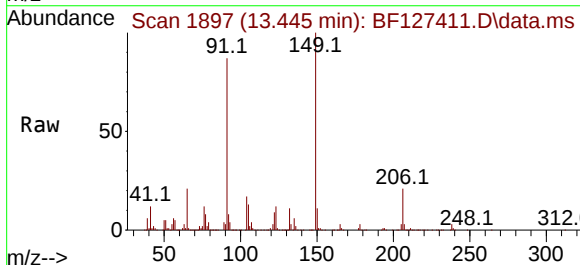


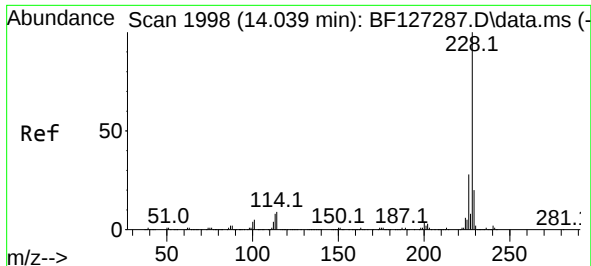
Tgt Ion:244 Resp: 492788
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.0 7.4
 122 8.2 13.3 19.9#



#80
 Butylbenzylphthalate
 Concen: 48.984 ng
 RT: 13.445 min Scan# 1897
 Delta R.T. -0.006 min
 Lab File: BF127411.D
 Acq: 19 Mar 2022 00:42

Tgt Ion:149 Resp: 162437
 Ion Ratio Lower Upper
 149 100
 91 87.1 70.5 105.7
 206 20.9 12.6 19.0#

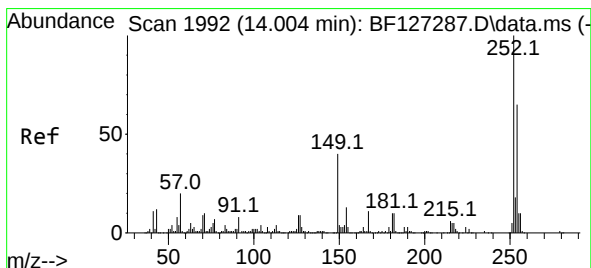
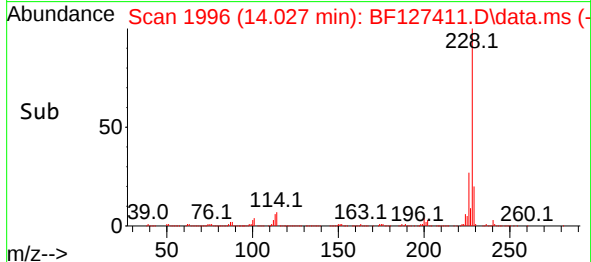
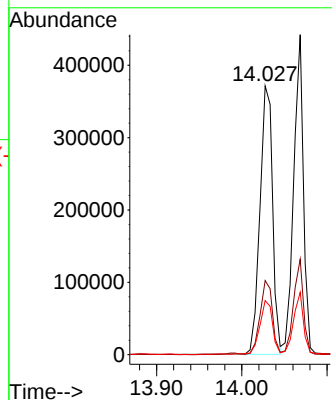
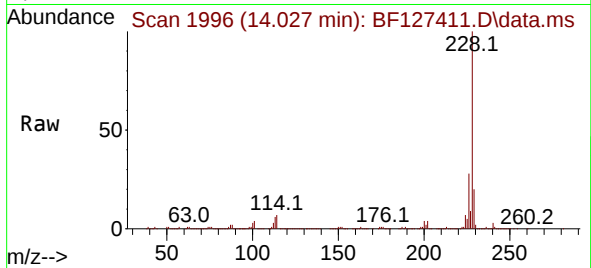




#81
Benzo(a)anthracene
Concen: 51.299 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.006 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

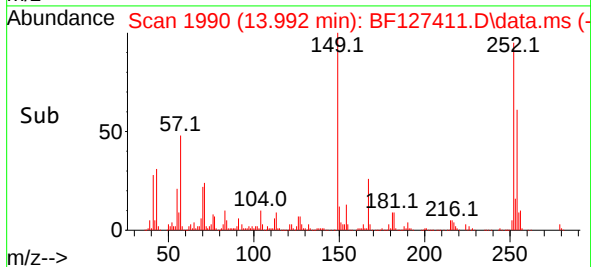
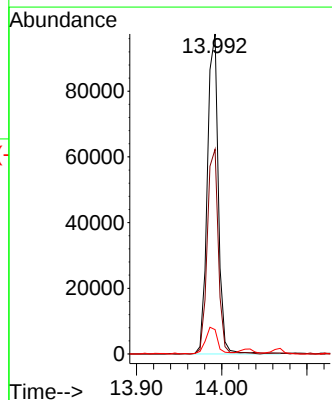
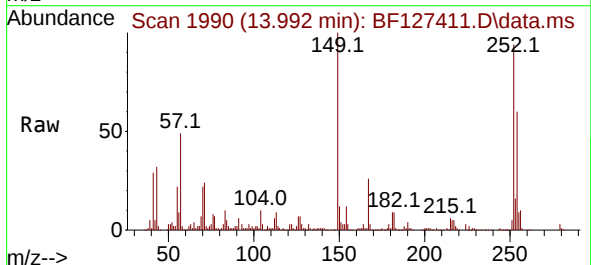
Instrument :
BNA_F
ClientSampleId :
124042MSD

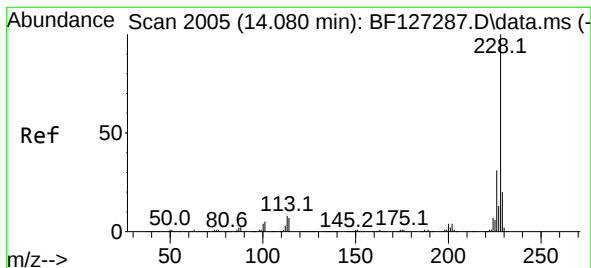
Tgt Ion:228 Resp: 382102
Ion Ratio Lower Upper
228 100
226 27.6 21.4 32.0
229 20.1 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 37.575 ng
RT: 13.992 min Scan# 1990
Delta R.T. 0.000 min
Lab File: BF127411.D
Acq: 19 Mar 2022 00:42

Tgt Ion:252 Resp: 87021
Ion Ratio Lower Upper
252 100
254 64.0 51.0 76.4
126 7.6 13.4 20.0#





#83

Chrysene

Concen: 50.938 ng

RT: 14.069 min Scan# 2005

Delta R.T. 0.000 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

Instrument :

BNA_F

ClientSampleId :

124042MSD

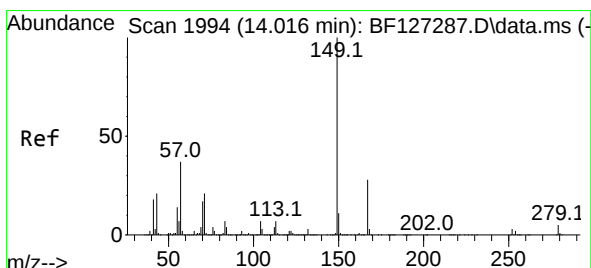
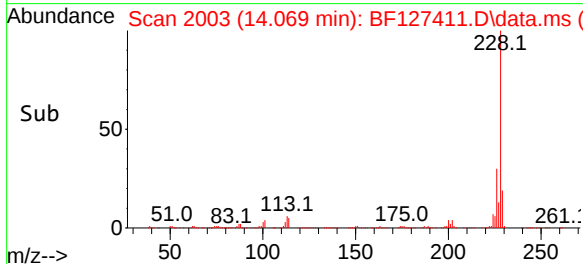
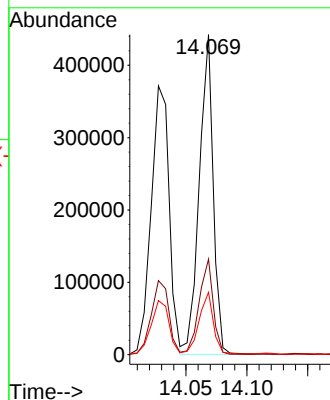
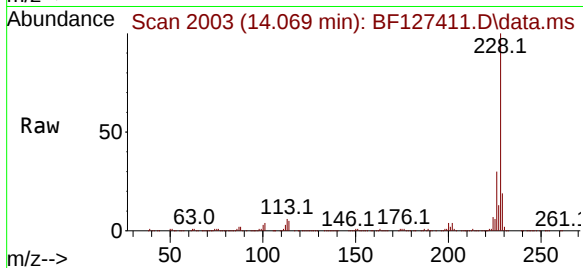
Tgt Ion:228 Resp: 352893

Ion Ratio Lower Upper

228 100

226 29.8 23.7 35.5

229 19.5 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 53.664 ng

RT: 13.998 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

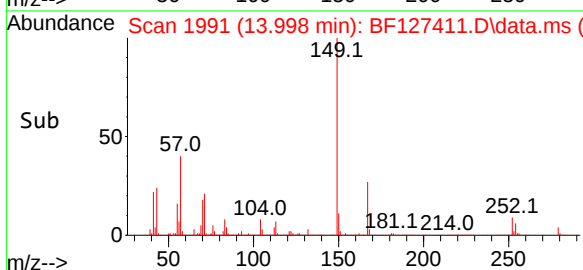
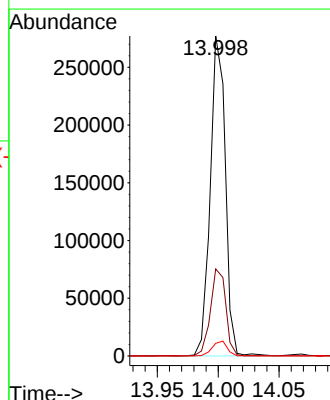
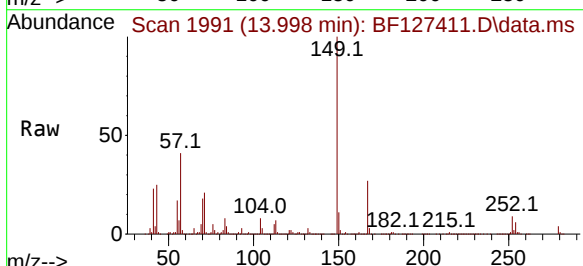
Tgt Ion:149 Resp: 239551

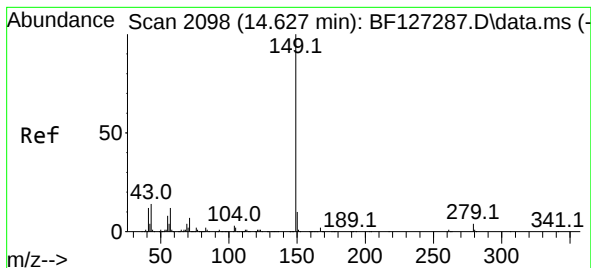
Ion Ratio Lower Upper

149 100

167 27.2 21.4 32.2

279 4.0 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 53.643 ng

RT: 14.616 min Scan# 2096

Delta R.T. 0.000 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

Instrument :

BNA_F

ClientSampleId :

124042MSD

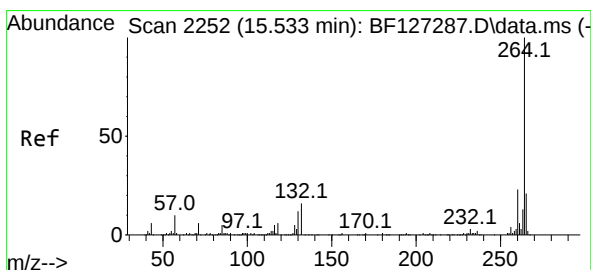
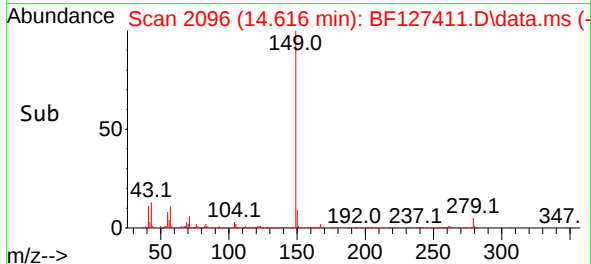
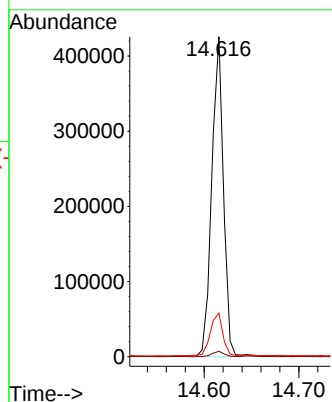
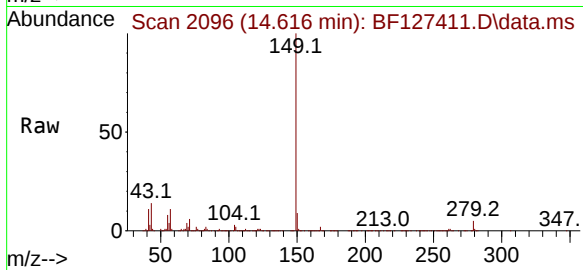
Tgt Ion:149 Resp: 362435

Ion Ratio Lower Upper

149 100

167 1.7 1.1 1.7#

43 14.7 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.521 min Scan# 2250

Delta R.T. 0.000 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

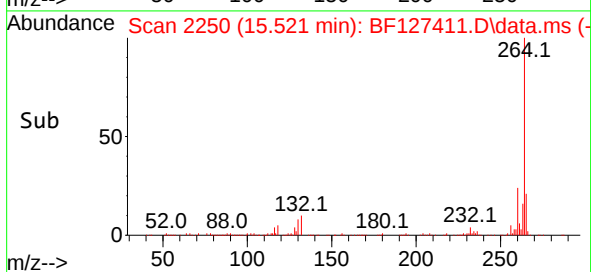
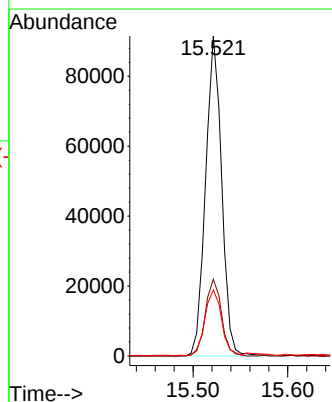
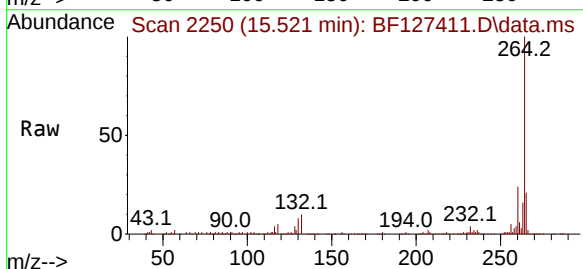
Tgt Ion:264 Resp: 107933

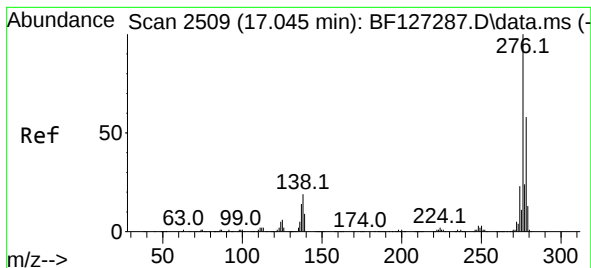
Ion Ratio Lower Upper

264 100

260 24.0 19.2 28.8

265 20.6 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.581 ng

RT: 17.033 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

Instrument :

BNA_F

ClientSampleId :

124042MSD

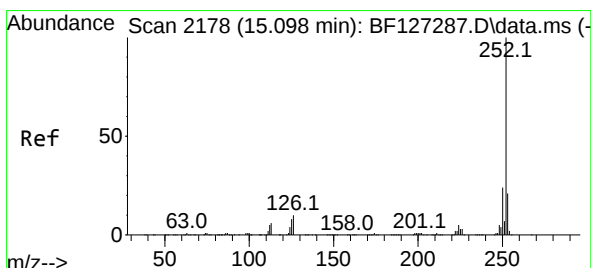
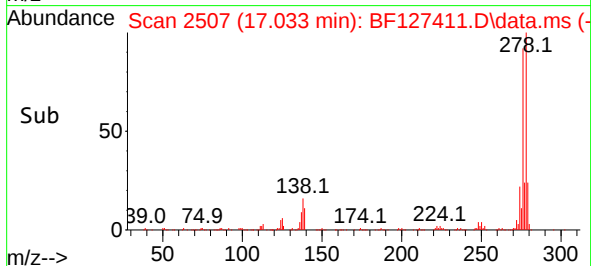
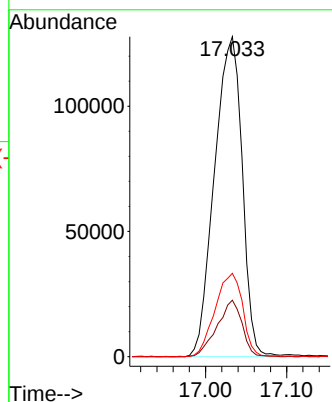
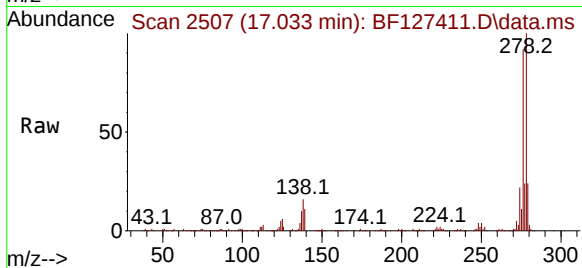
Tgt Ion:276 Resp: 302872

Ion Ratio Lower Upper

276 100

138 15.9 29.2 43.8#

277 26.1 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 51.641 ng

RT: 15.092 min Scan# 2177

Delta R.T. 0.006 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

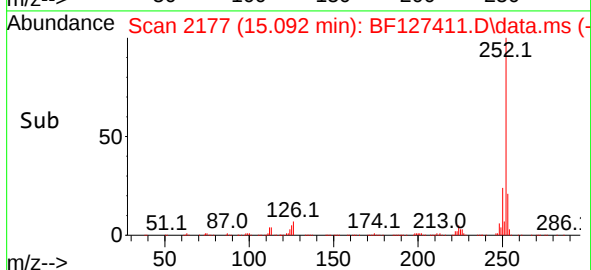
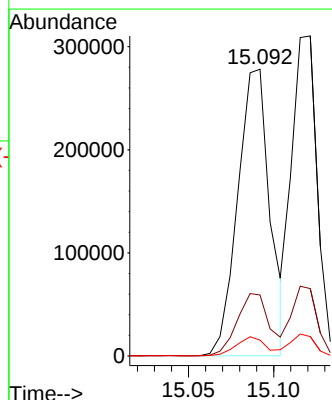
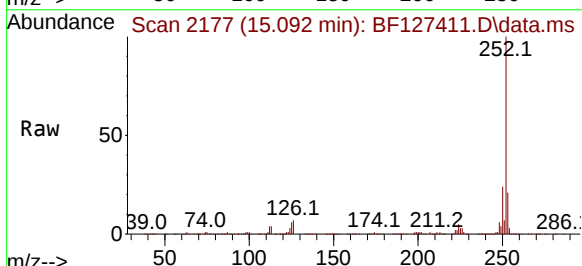
Tgt Ion:252 Resp: 365861

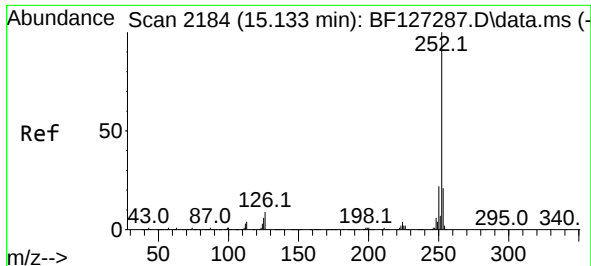
Ion Ratio Lower Upper

252 100

253 21.3 17.8 26.8

125 5.5 12.4 18.6#





#89

Benzo(k)fluoranthene

Concen: 48.449 ng

RT: 15.121 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

Instrument :

BNA_F

ClientSampleId :

124042MSD

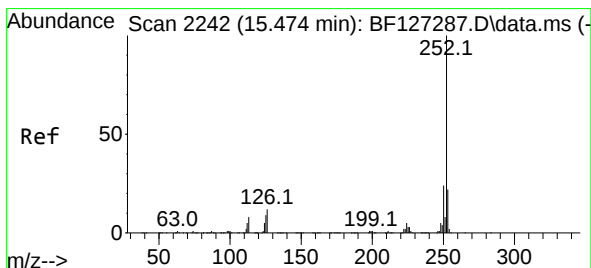
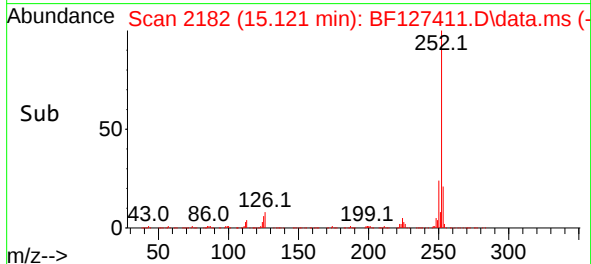
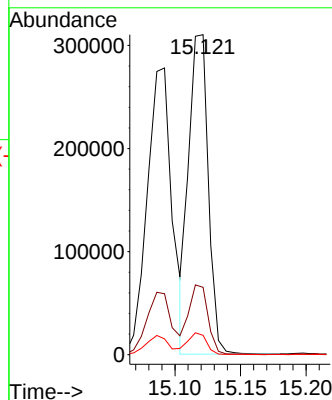
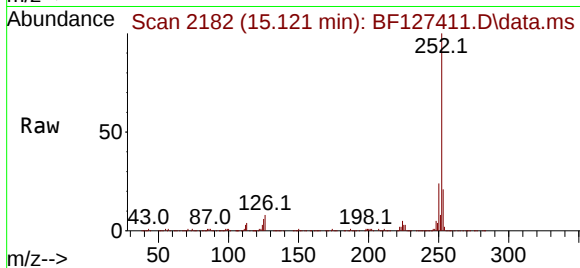
Tgt Ion:252 Resp: 322743

Ion Ratio Lower Upper

252 100

253 21.1 17.5 26.3

125 6.1 11.8 17.6#



#90

Benzo(a)pyrene

Concen: 60.192 ng

RT: 15.463 min Scan# 2240

Delta R.T. 0.000 min

Lab File: BF127411.D

Acq: 19 Mar 2022 00:42

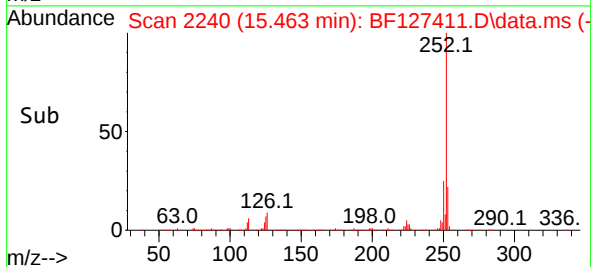
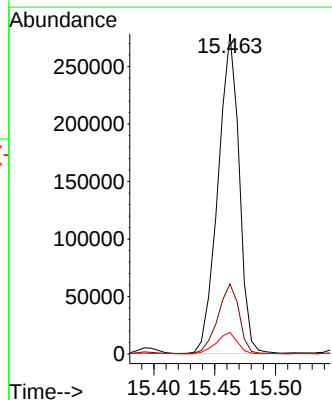
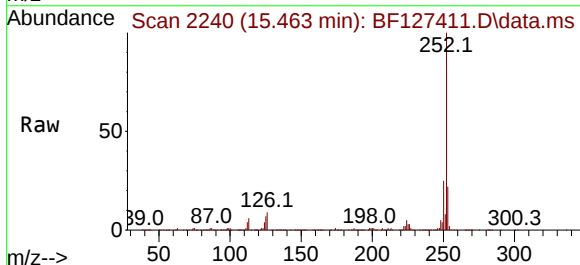
Tgt Ion:252 Resp: 335804

Ion Ratio Lower Upper

252 100

253 21.9 17.1 25.7

125 6.8 13.0 19.6#

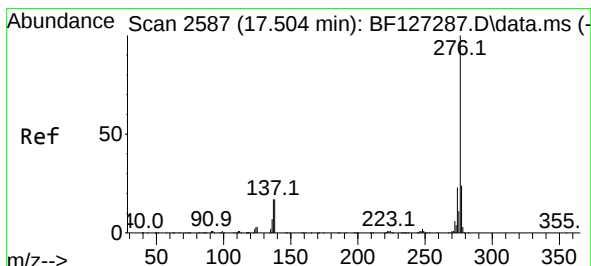
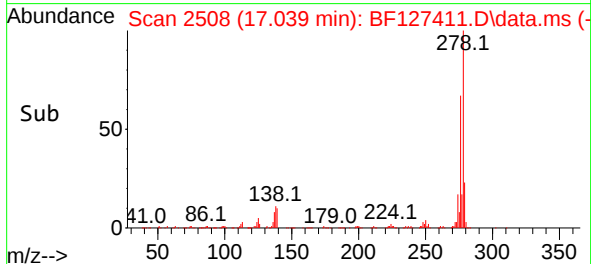
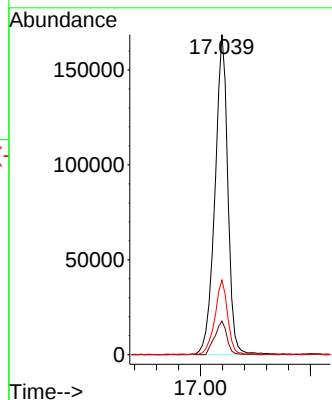
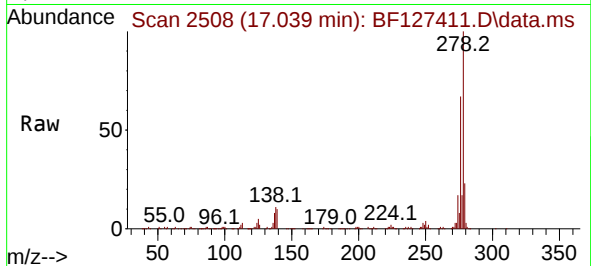




#91
 Dibenzo(a,h)anthracene
 Concen: 50.825 ng
 RT: 17.039 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127411.D
 Acq: 19 Mar 2022 00:42

Instrument :
 BNA_F
 ClientSampleId :
 124042MSD

Tgt Ion:278 Resp: 275042
 Ion Ratio Lower Upper
 278 100
 139 10.5 18.0 27.0#
 279 23.3 18.6 27.8



#92
 Benzo(g,h,i)perylene
 Concen: 45.653 ng
 RT: 17.486 min Scan# 2584
 Delta R.T. -0.006 min
 Lab File: BF127411.D
 Acq: 19 Mar 2022 00:42

Tgt Ion:276 Resp: 240989
 Ion Ratio Lower Upper
 276 100
 277 24.0 18.5 27.7
 138 12.8 25.9 38.9#

