

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF022322\
 Data File : BF127034.D
 Acq On : 23 Feb 2022 12:32
 Operator : CG\JU
 Sample : PB142871BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB142871BS

Quant Time: Feb 24 02:15:25 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Feb 24 02:10:57 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.910	152	104768	20.000	ng	0.00
21) Naphthalene-d8	8.192	136	431919	20.000	ng	# 0.00
39) Acenaphthene-d10	9.951	164	216604	20.000	ng	0.00
64) Phenanthrene-d10	11.445	188	390410	20.000	ng	# 0.00
76) Chrysene-d12	14.086	240	221797	20.000	ng	# 0.00
86) Perylene-d12	15.586	264	161160	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.540	112	735296	108.473	ng	0.01
7) Phenol-d6	6.540	99	961473	105.117	ng	0.00
23) Nitrobenzene-d5	7.475	82	686840	71.778	ng	0.00
42) 2,4,6-Tribromophenol	10.745	330	302768	121.403	ng	0.00
45) 2-Fluorobiphenyl	9.269	172	1118522	76.021	ng	0.00
79) Terphenyl-d14	13.027	244	1220356	80.883	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.816	88	85021	27.410	ng	94
3) Pyridine	3.575	79	195674	24.051	ng	# 86
4) n-Nitrosodimethylamine	3.534	42	153901	38.616	ng	# 69
6) Aniline	6.575	93	341124	31.477	ng	96
8) 2-Chlorophenol	6.692	128	301080	41.396	ng	99
9) Benzaldehyde	6.463	77	170701	30.659	ng	98
10) Phenol	6.551	94	384891	41.645	ng	79
11) bis(2-Chloroethyl)ether	6.645	93	281114	38.780	ng	100
12) 1,3-Dichlorobenzene	6.851	146	309446	39.442	ng	99
13) 1,4-Dichlorobenzene	6.928	146	312109	39.240	ng	97
14) 1,2-Dichlorobenzene	7.081	146	300327	39.594	ng	95
15) Benzyl Alcohol	7.051	79	300663	39.019	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.181	45	408891	35.822	ng	94
17) 2-Methylphenol	7.157	107	249525	39.654	ng	# 92
18) Hexachloroethane	7.422	117	123174	40.400	ng	# 89
19) n-Nitroso-di-n-propyla...	7.322	70	229779	38.986	ng	97
20) 3+4-Methylphenols	7.310	107	320427	39.214	ng	93
22) Acetophenone	7.322	105	449263	39.506	ng	# 94
24) Nitrobenzene	7.492	77	352435	38.988	ng	95
25) Isophorone	7.728	82	604514	38.178	ng	# 99
26) 2-Nitrophenol	7.810	139	157730	40.982	ng	# 84
27) 2,4-Dimethylphenol	7.839	122	270844	42.837	ng	89
28) bis(2-Chloroethoxy)met...	7.939	93	348546	36.309	ng	99
29) 2,4-Dichlorophenol	8.051	162	237586	39.968	ng	98
30) 1,2,4-Trichlorobenzene	8.134	180	254372	38.276	ng	96
31) Naphthalene	8.216	128	869920	38.583	ng	99
32) Benzoic acid	7.969	122	185151	41.291	ng	88
33) 4-Chloroaniline	8.257	127	166779	18.793	ng	95
34) Hexachlorobutadiene	8.322	225	153004	39.435	ng	96
35) Caprolactam	8.633	113	42209	20.333	ng	95
36) 4-Chloro-3-methylphenol	8.745	107	302829	39.861	ng	99
37) 2-Methylnaphthalene	8.904	142	593583	40.572	ng	99
38) 1-Methylnaphthalene	9.004	142	545880	38.964	ng	98
40) 1,2,4,5-Tetrachloroben...	9.075	216	245572	43.069	ng	97
41) Hexachlorocyclopentadiene	9.057	237	299823	96.954	ng	94
43) 2,4,6-Trichlorophenol	9.181	196	169066	40.428	ng	96

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.228	196	181058	41.144	ng	93
46) 1,1'-Biphenyl	9.369	154	713189	41.558	ng	98
47) 2-Chloronaphthalene	9.398	162	506936	39.835	ng	93
48) 2-Nitroaniline	9.492	65	201696	40.163	ng	95
49) Acenaphthylene	9.816	152	843540	40.806	ng	98
50) Dimethylphthalate	9.669	163	612433	39.556	ng	98
51) 2,6-Dinitrotoluene	9.733	165	134963	42.846	ng	# 83
52) Acenaphthene	9.986	154	512234	38.102	ng	95
53) 3-Nitroaniline	9.904	138	102350	26.581	ng	97
54) 2,4-Dinitrophenol	10.016	184	143714	86.197	ng	# 82
55) Dibenzofuran	10.163	168	728127	39.388	ng	94
56) 4-Nitrophenol	10.069	139	240598	84.602	ng	# 73
57) 2,4-Dinitrotoluene	10.139	165	182753	42.909	ng	# 93
58) Fluorene	10.504	166	587806	40.821	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.275	232	144472	41.410	ng	96
60) Diethylphthalate	10.369	149	645897	39.925	ng	99
61) 4-Chlorophenyl-phenyle...	10.492	204	272860	40.186	ng	99
62) 4-Nitroaniline	10.527	138	147511	38.795	ng	# 75
63) Azobenzene	10.651	77	680118	37.754	ng	94
65) 4,6-Dinitro-2-methylph...	10.551	198	88572	38.612	ng	95
66) n-Nitrosodiphenylamine	10.610	169	502649	39.264	ng	99
67) 4-Bromophenyl-phenylether	10.980	248	172108	39.456	ng	# 86
68) Hexachlorobenzene	11.051	284	190967	40.667	ng	90
69) Atrazine	11.139	200	164903	41.532	ng	97
70) Pentachlorophenol	11.245	266	213924	83.453	ng	98
71) Phenanthrene	11.469	178	867703	39.708	ng	99
72) Anthracene	11.522	178	892438	41.024	ng	99
73) Carbazole	11.674	167	752777	37.734	ng	98
74) Di-n-butylphthalate	11.992	149	977799	38.126	ng	99
75) Fluoranthene	12.657	202	831027	40.052	ng	95
77) Benzidine	12.774	184	252778	41.938	ng	97
78) Pyrene	12.892	202	835734	43.371	ng	99
80) Butylbenzylphthalate	13.498	149	366111	40.133	ng	90
81) Benzo(a)anthracene	14.074	228	589626	39.433	ng	99
82) 3,3'-Dichlorobenzidine	14.033	252	134507	28.544	ng	# 97
83) Chrysene	14.115	228	566287	40.273	ng	100
84) Bis(2-ethylhexyl)phtha...	14.051	149	477595	39.877	ng	96
85) Di-n-octyl phthalate	14.668	149	661714	38.374	ng	97
87) Indeno(1,2,3-cd)pyrene	17.109	276	464650	43.970	ng	# 83
88) Benzo(b)fluoranthene	15.139	252	462348	42.715	ng	# 93
89) Benzo(k)fluoranthene	15.174	252	427647	40.962	ng	# 94
90) Benzo(a)pyrene	15.521	252	421370	49.838	ng	# 92
91) Dibenzo(a,h)anthracene	17.133	278	393336	45.005	ng	# 91
92) Benzo(g,h,i)perylene	17.580	276	392174	45.515	ng	# 84

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

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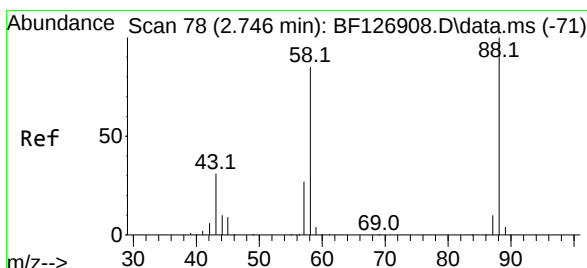
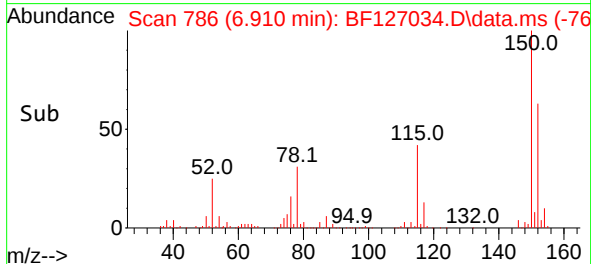
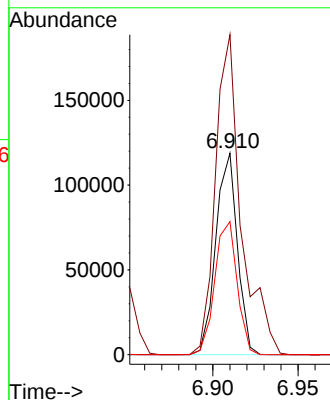
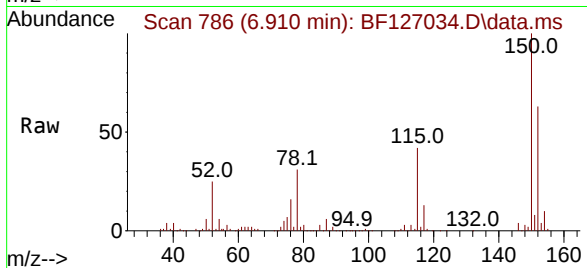




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.910 min Scan# 71
 Delta R.T. 0.000 min
 Lab File: BF127034.D
 Acq: 23 Feb 2022 12:32

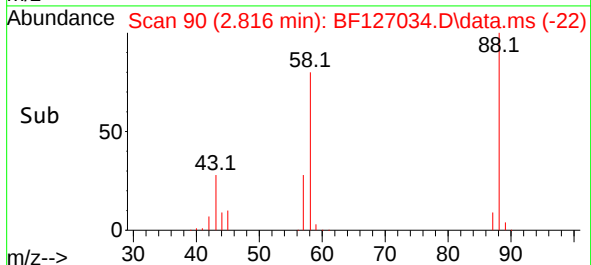
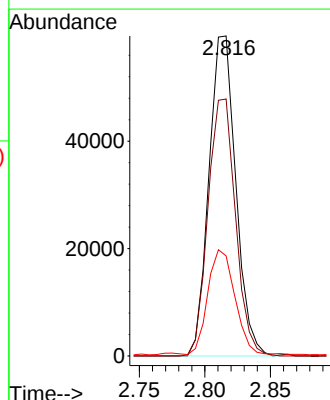
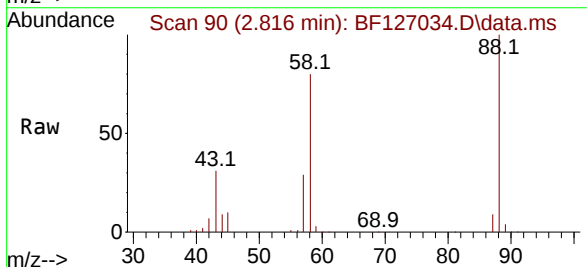
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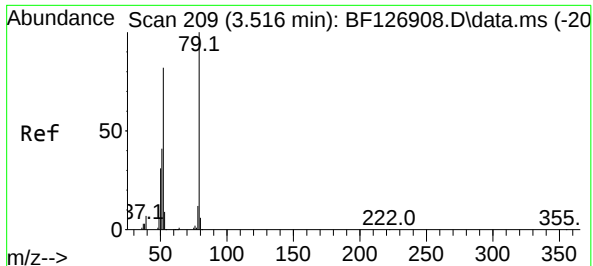
Tgt Ion:152 Resp: 104768
 Ion Ratio Lower Upper
 152 100
 150 158.8 128.1 192.1
 115 66.1 56.7 85.1



#2
 1,4-Dioxane
 Concen: 27.410 ng
 RT: 2.816 min Scan# 90
 Delta R.T. 0.100 min
 Lab File: BF127034.D
 Acq: 23 Feb 2022 12:32

Tgt Ion: 88 Resp: 85021
 Ion Ratio Lower Upper
 88 100
 58 82.1 62.8 94.2
 43 33.4 22.3 33.5

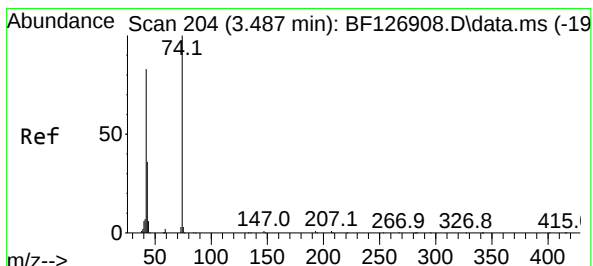
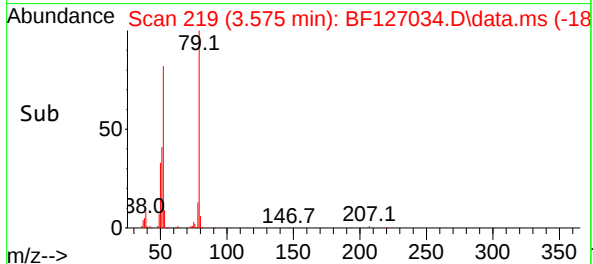
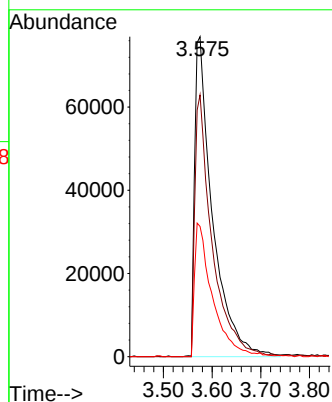
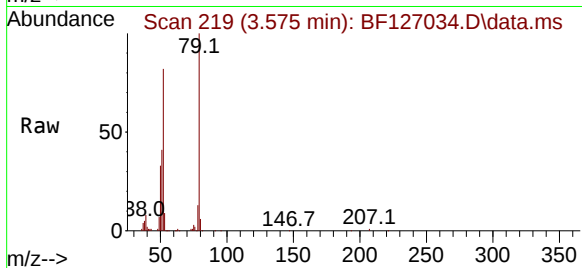




#3
Pyridine
Concen: 24.051 ng
RT: 3.575 min Scan# 211
Delta R.T. 0.088 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

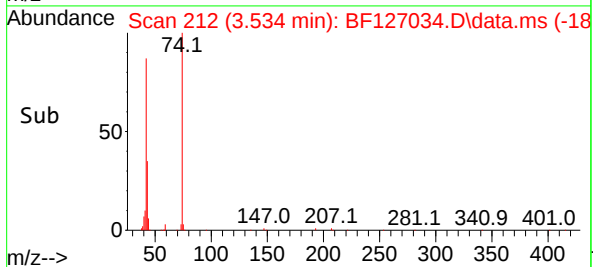
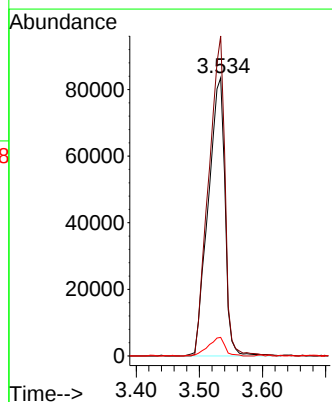
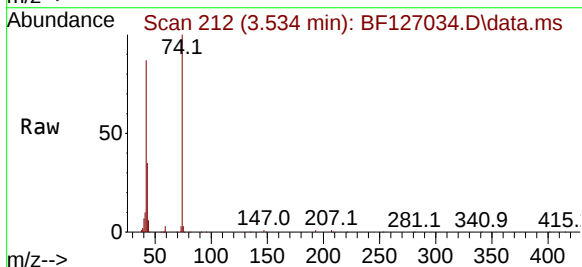
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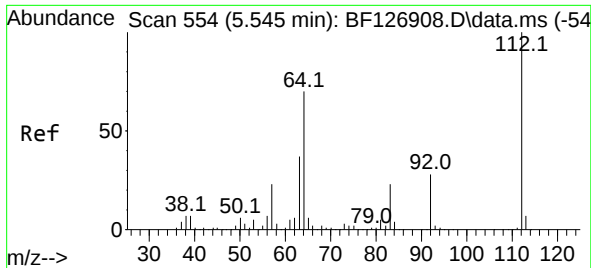
Tgt Ion: 79 Resp: 195674
Ion Ratio Lower Upper
79 100
52 81.8 56.2 84.4
51 40.7 26.7 40.1#



#4
n-Nitrosodimethylamine
Concen: 38.616 ng
RT: 3.534 min Scan# 212
Delta R.T. 0.076 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion: 42 Resp: 153901
Ion Ratio Lower Upper
42 100
74 115.1 125.6 188.4#
44 6.7 5.7 8.5

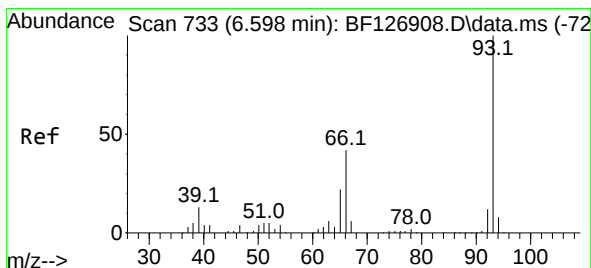
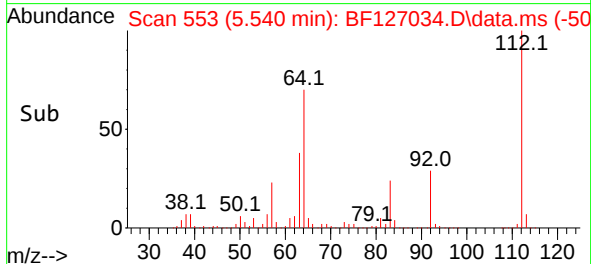
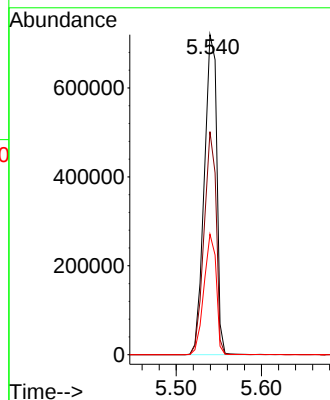
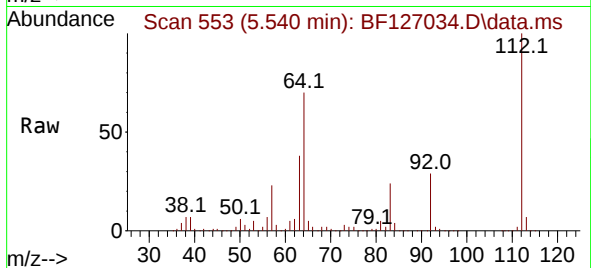




#5
2-Fluorophenol
Concen: 108.473 ng
RT: 5.540 min Scan# 511
Delta R.T. 0.012 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

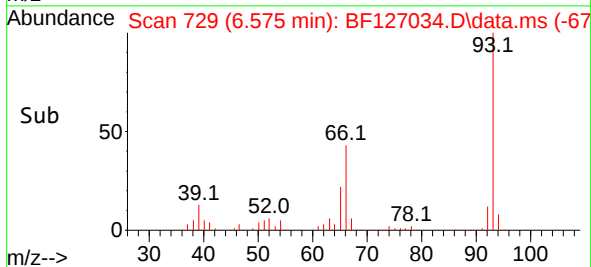
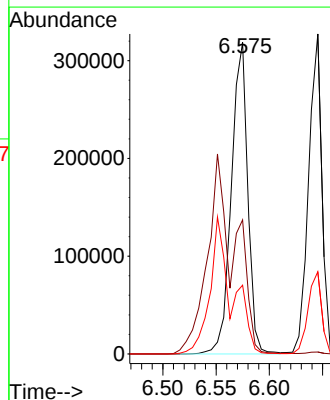
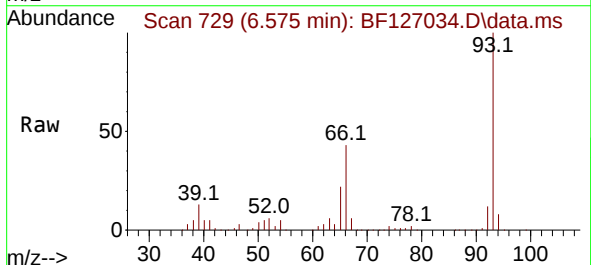
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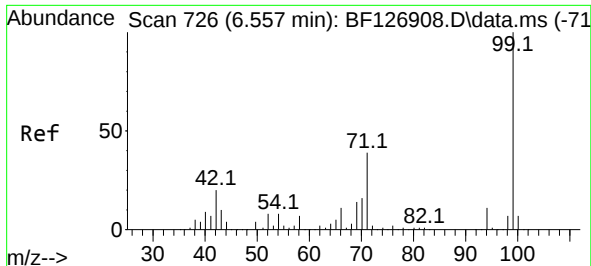
Tgt Ion:112 Resp: 735296
Ion Ratio Lower Upper
112 100
64 69.7 49.5 74.3
63 37.6 23.9 35.9#



#6
Aniline
Concen: 31.477 ng
RT: 6.575 min Scan# 729
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion: 93 Resp: 341124
Ion Ratio Lower Upper
93 100
66 43.0 32.2 48.4
65 22.1 16.3 24.5

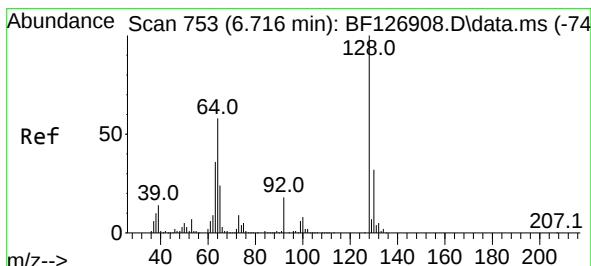
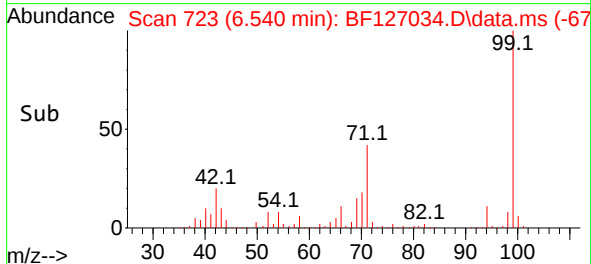
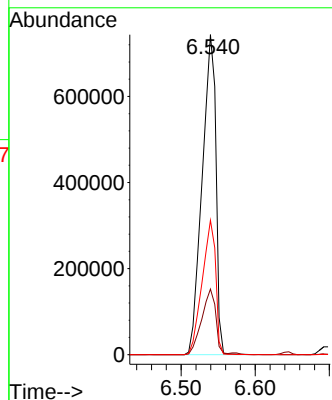
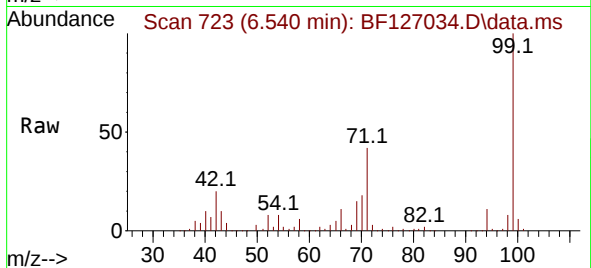




#7
Phenol-d6
Concen: 105.117 ng
RT: 6.540 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

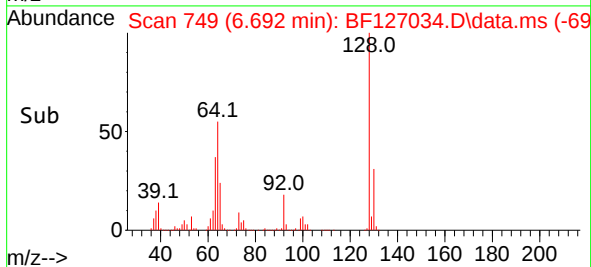
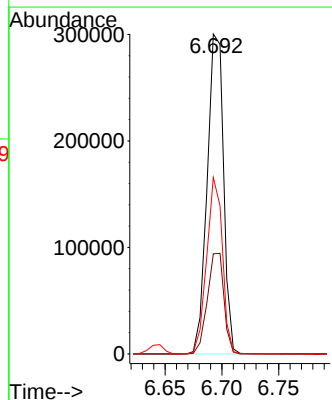
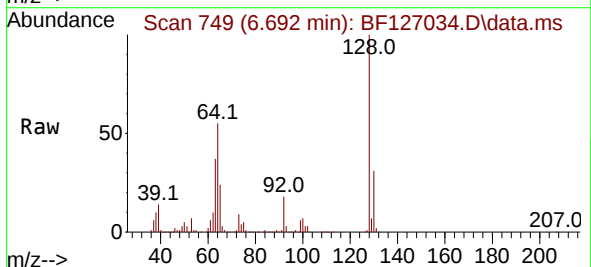
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Tgt Ion: 99 Resp: 961473
Ion Ratio Lower Upper
99 100
42 20.5 14.2 21.4
71 42.0 24.3 36.5#



#8
2-Chlorophenol
Concen: 41.396 ng
RT: 6.692 min Scan# 749
Delta R.T. -0.006 min
Lab File: BF127034.D
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Tgt Ion:128 Resp: 301080
Ion Ratio Lower Upper
128 100
130 31.3 12.7 52.7
64 55.2 35.6 75.6

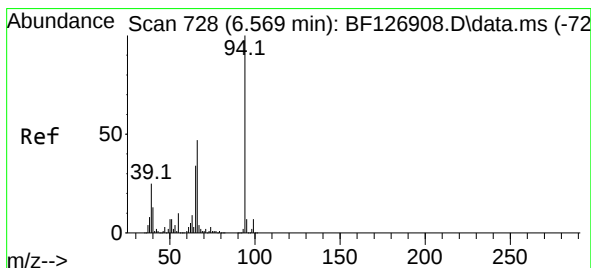
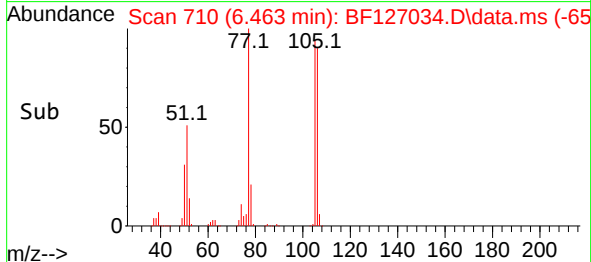
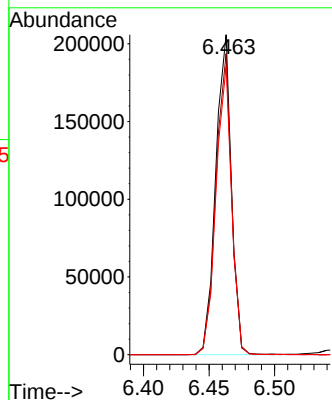
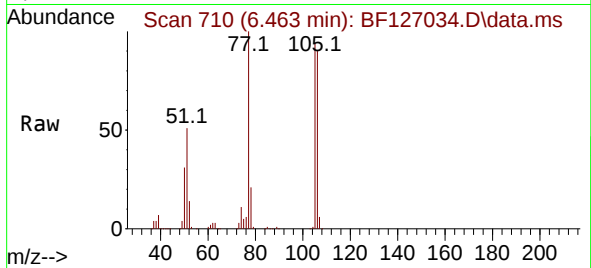




#9
Benzaldehyde
Concen: 30.659 ng
RT: 6.463 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

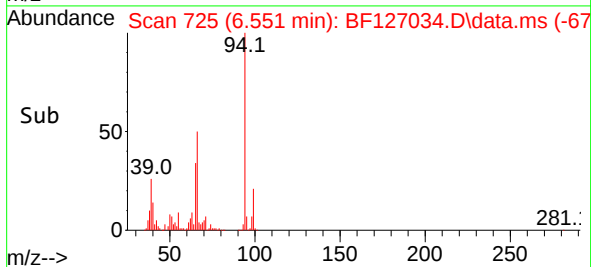
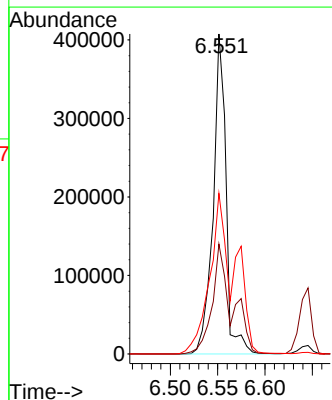
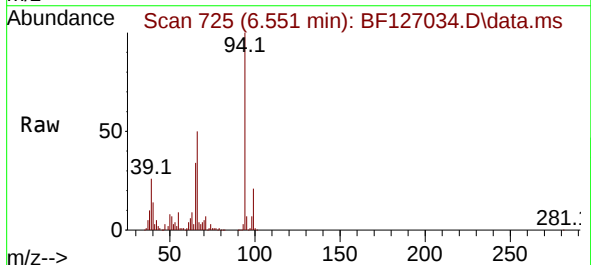
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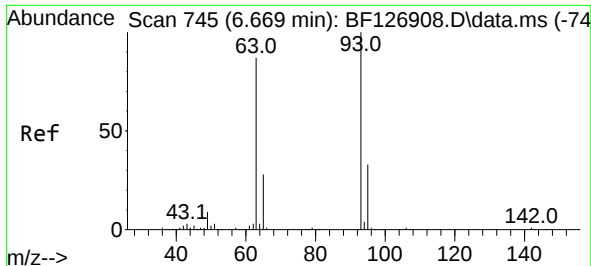
Tgt Ion: 77 Resp: 170701
Ion Ratio Lower Upper
77 100
105 94.1 74.9 114.9
106 90.1 72.4 112.4



#10
Phenol
Concen: 41.645 ng
RT: 6.551 min Scan# 725
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion: 94 Resp: 384891
Ion Ratio Lower Upper
94 100
65 34.4 7.2 47.2
66 50.2 14.5 54.5

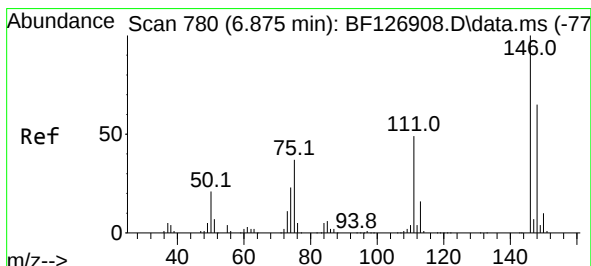
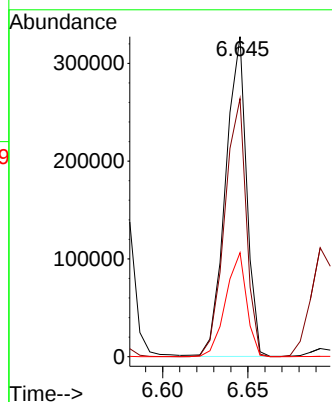
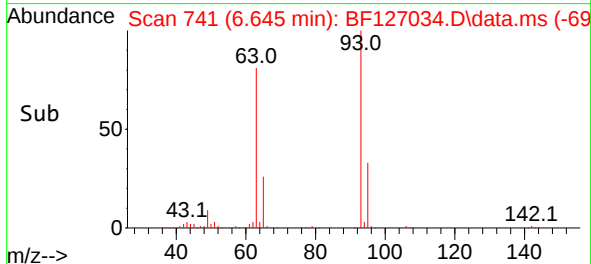
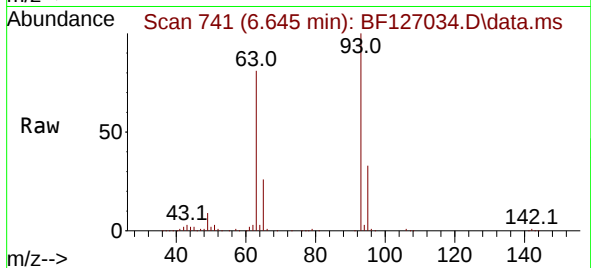




#11
bis(2-Chloroethyl)ether
Concen: 38.780 ng
RT: 6.645 min Scan# 741
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

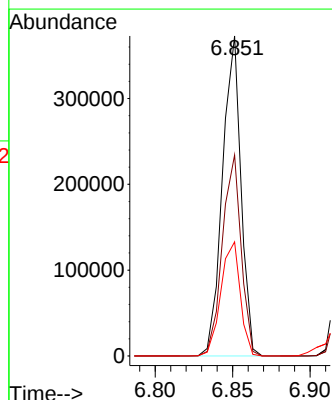
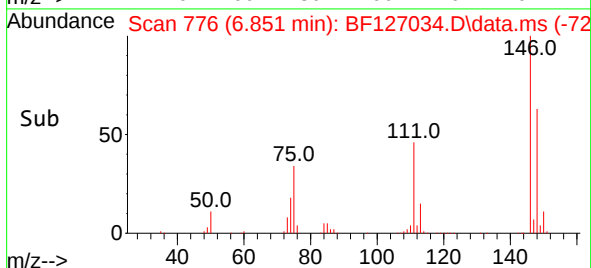
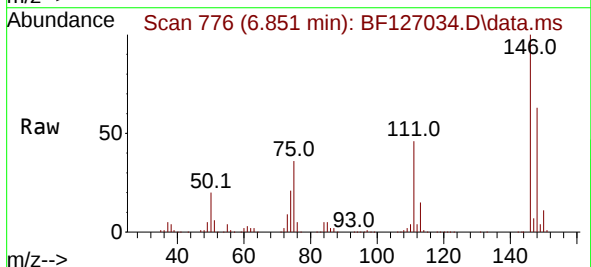
Instrument :
BNA_F
ClientSampleId :
PB142871BS

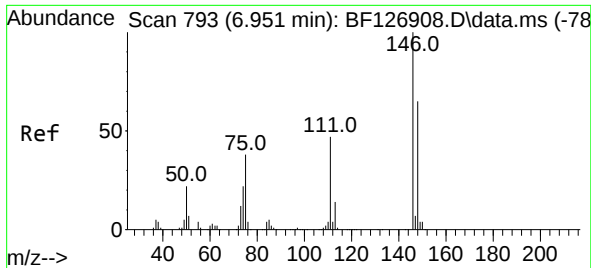
Tgt Ion: 93 Resp: 281114
Ion Ratio Lower Upper
93 100
63 80.6 60.5 100.5
95 32.5 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 39.442 ng
RT: 6.851 min Scan# 776
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion:146 Resp: 309446
Ion Ratio Lower Upper
146 100
148 62.8 50.9 76.3
75 35.6 28.4 42.6





#13

1,4-Dichlorobenzene

Concen: 39.240 ng

RT: 6.928 min Scan# 71

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB142871BS

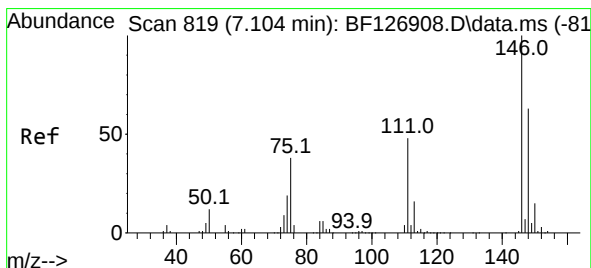
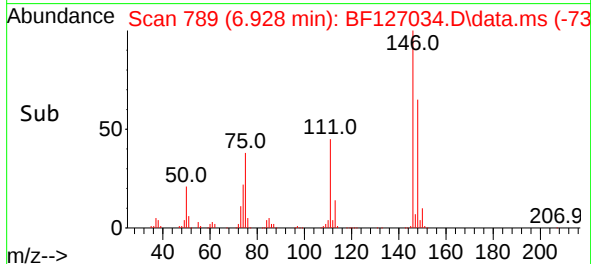
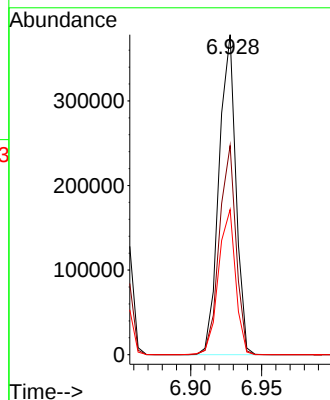
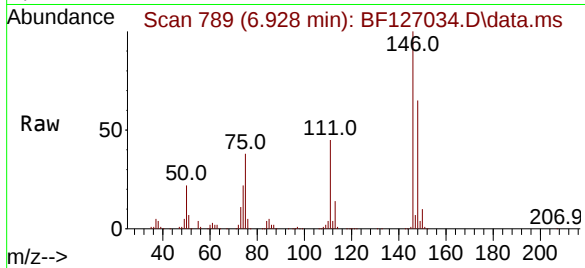
Tgt Ion:146 Resp: 312109

Ion Ratio Lower Upper

146 100

148 65.4 49.8 74.6

111 45.4 36.1 54.1



#14

1,2-Dichlorobenzene

Concen: 39.594 ng

RT: 7.081 min Scan# 815

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

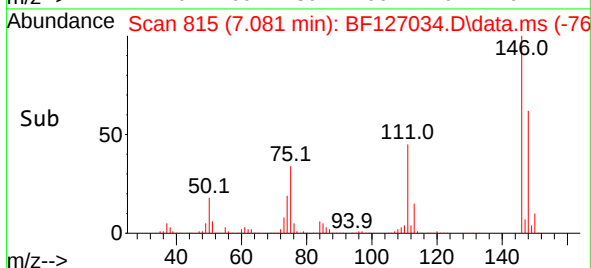
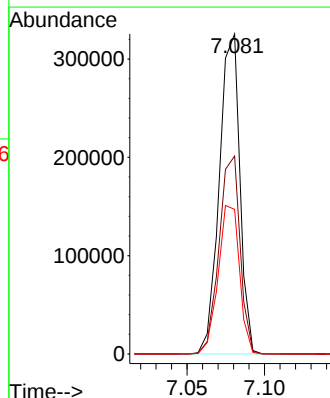
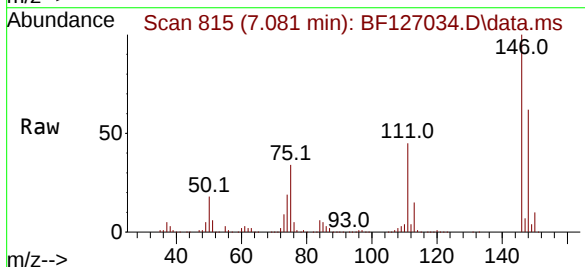
Tgt Ion:146 Resp: 300327

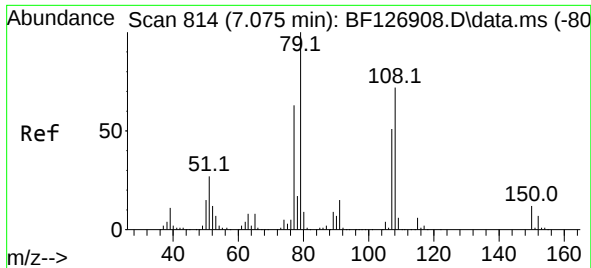
Ion Ratio Lower Upper

146 100

148 61.9 51.6 77.4

111 45.2 40.2 60.2

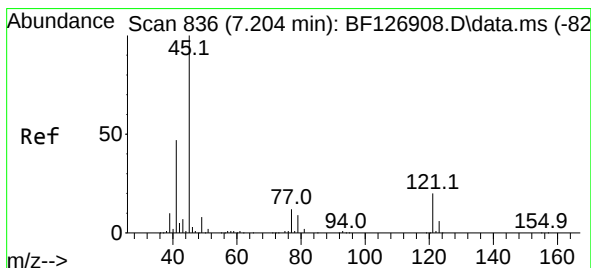
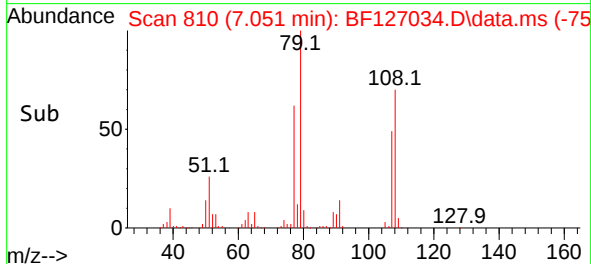
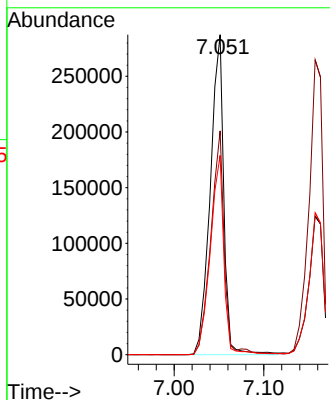
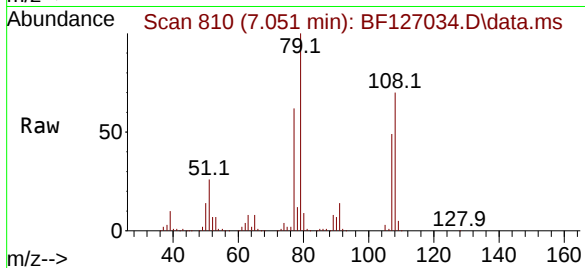




#15
Benzyl Alcohol
Concen: 39.019 ng
RT: 7.051 min Scan# 814
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

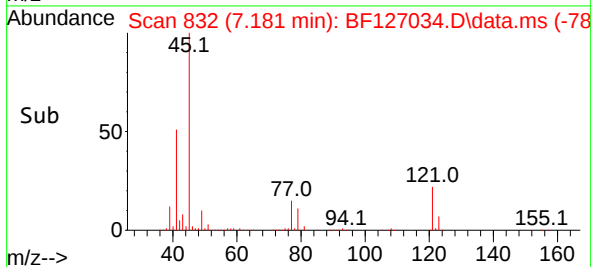
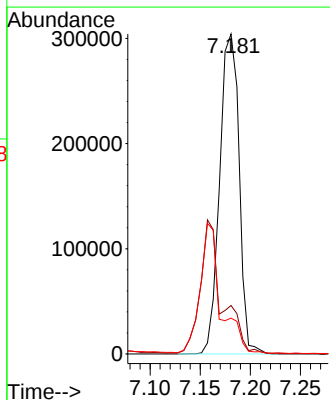
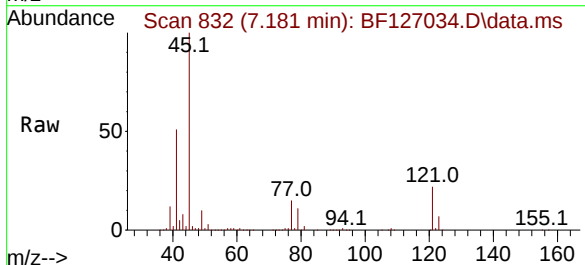
Instrument :
BNA_F
ClientSampleId :
PB142871BS

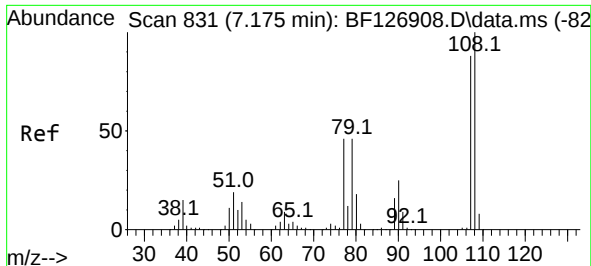
Tgt Ion: 79 Resp: 300663
Ion Ratio Lower Upper
79 100
108 70.0 63.2 94.8
77 62.3 49.4 74.2



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.822 ng
RT: 7.181 min Scan# 832
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion: 45 Resp: 408891
Ion Ratio Lower Upper
45 100
77 15.1 0.0 32.4
79 11.2 0.0 29.8





#17

2-Methylphenol

Concen: 39.654 ng

RT: 7.157 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB142871BS

Tgt Ion:107 Resp: 249525

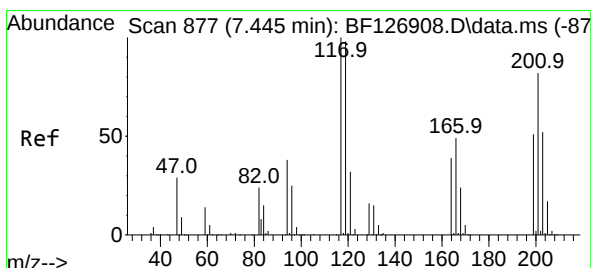
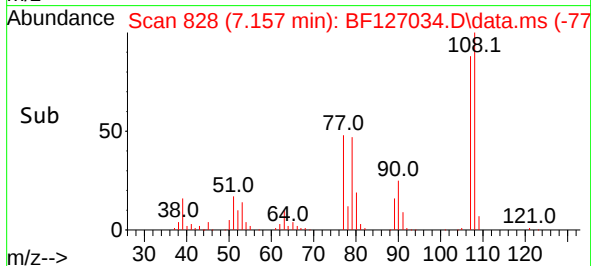
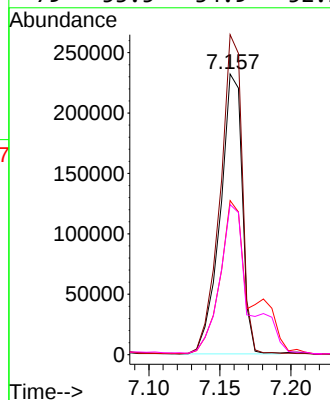
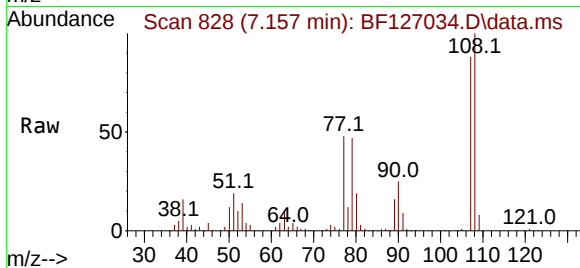
Ion Ratio Lower Upper

107 100

108 114.0 93.4 140.0

77 54.9 36.1 54.1#

79 53.5 34.9 52.3#



#18

Hexachloroethane

Concen: 40.400 ng

RT: 7.422 min Scan# 873

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

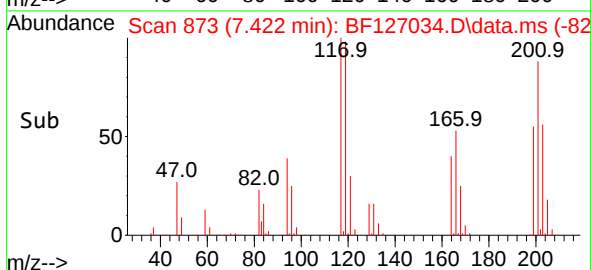
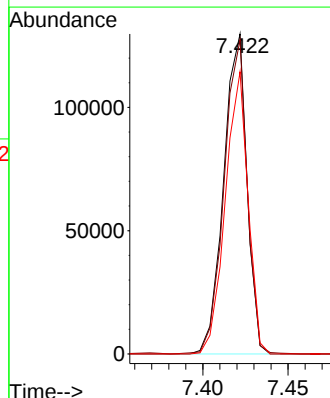
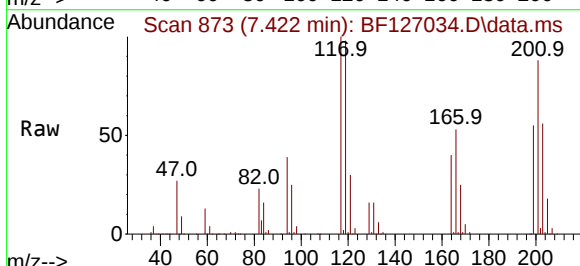
Tgt Ion:117 Resp: 123174

Ion Ratio Lower Upper

117 100

119 98.2 75.4 113.0

201 88.2 56.8 85.2#

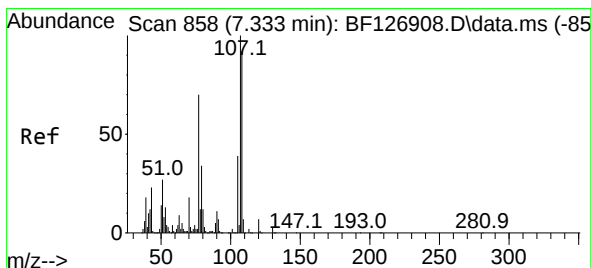
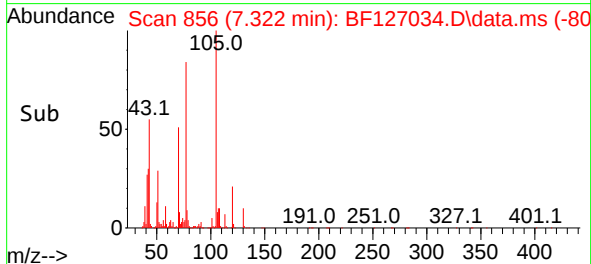
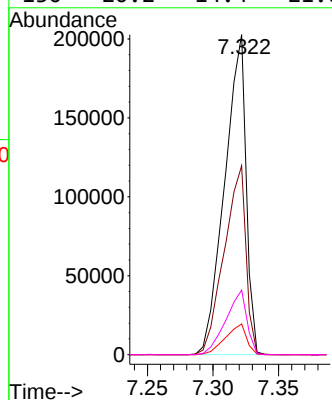
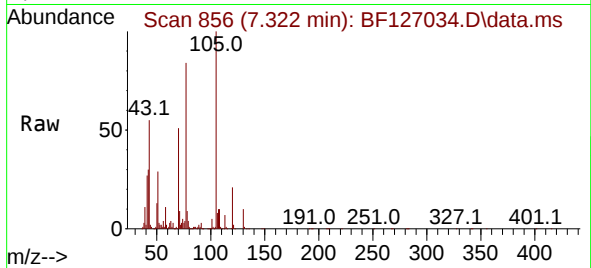




#19
n-Nitroso-di-n-propylamine
Concen: 38.986 ng
RT: 7.322 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

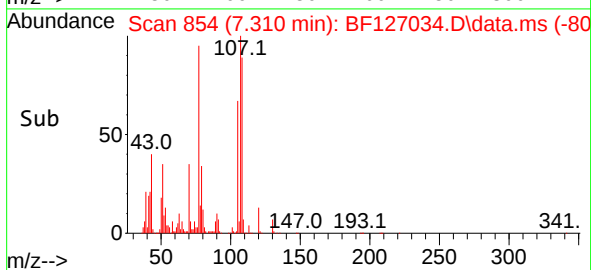
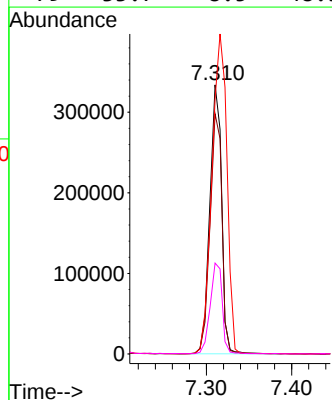
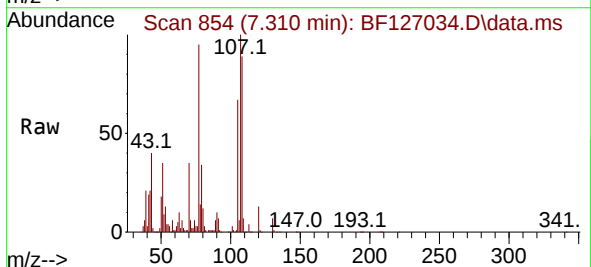
Instrument :
BNA_F
ClientSampleId :
PB142871BS

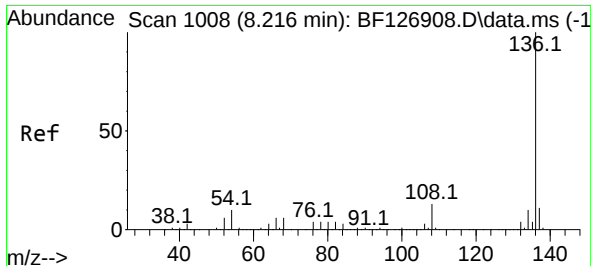
Tgt Ion: 70 Resp: 229779
Ion Ratio Lower Upper
70 100
42 59.1 45.8 68.8
101 9.6 6.9 10.3
130 20.2 14.4 21.6



#20
3+4-Methylphenols
Concen: 39.214 ng
RT: 7.310 min Scan# 854
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion: 107 Resp: 320427
Ion Ratio Lower Upper
107 100
108 89.2 72.4 112.4
77 94.8 83.8 123.8
79 33.7 8.5 48.5



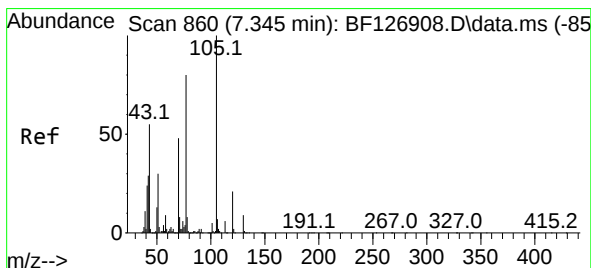
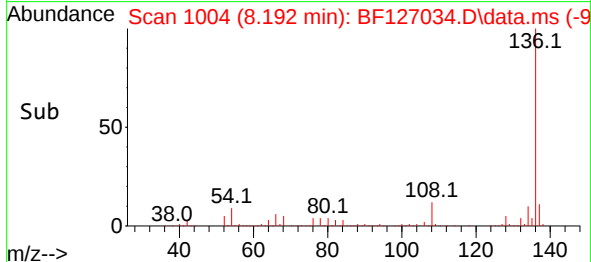
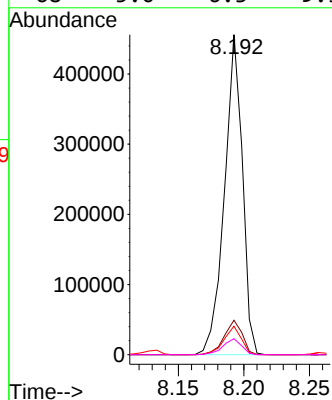
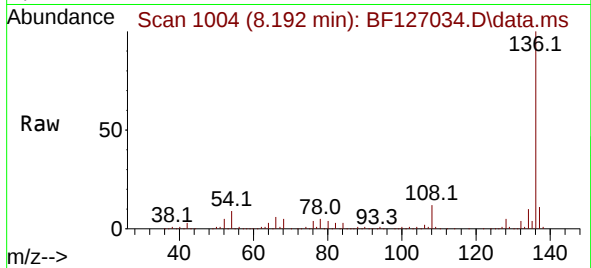


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.192 min Scan# 10
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Instrument :
BNA_F
ClientSampleId :
PB142871BS

Tgt Ion:136 Resp: 431919

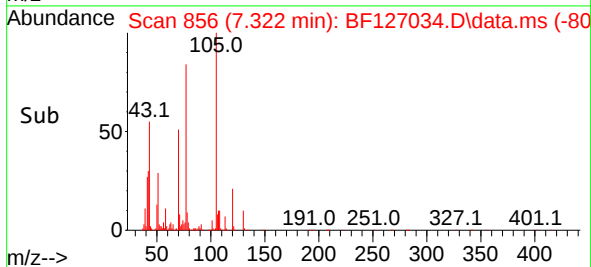
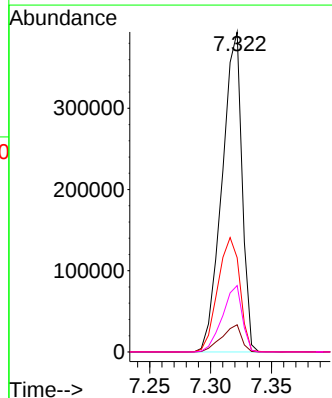
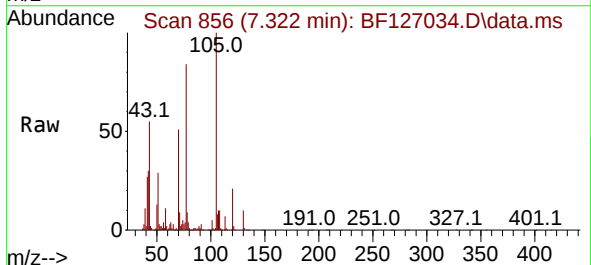
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	8.9	7.8	11.6
68	5.0	6.3	9.5

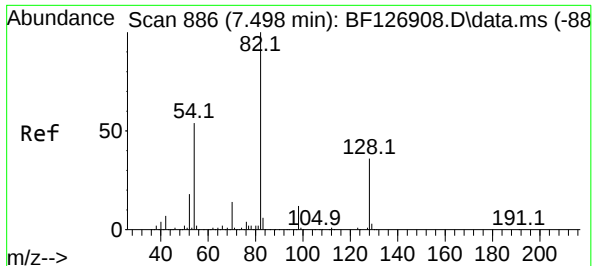


#22
Acetophenone
Concen: 39.506 ng
RT: 7.322 min Scan# 856
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion:105 Resp: 449263

Ion	Ratio	Lower	Upper
105	100		
71	8.5	5.4	8.0
51	29.4	27.4	41.0
120	20.8	17.0	25.6

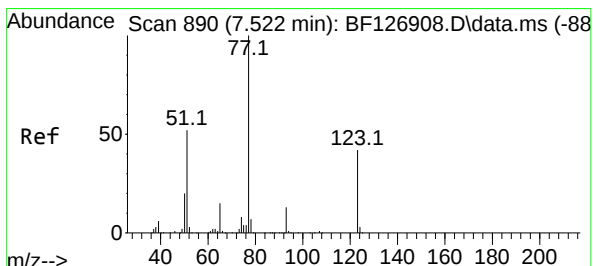
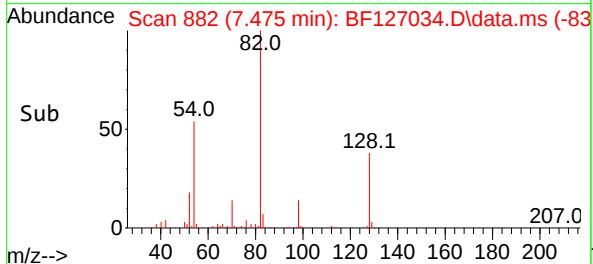
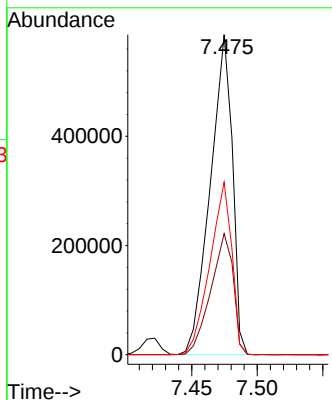
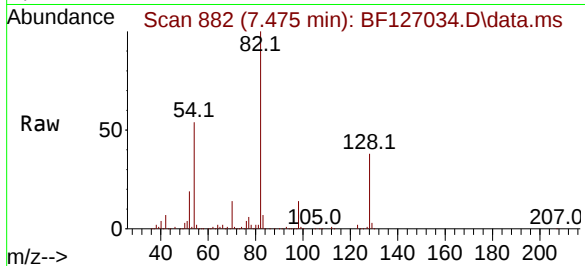




#23
Nitrobenzene-d5
Concen: 71.778 ng
RT: 7.475 min Scan# 881
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

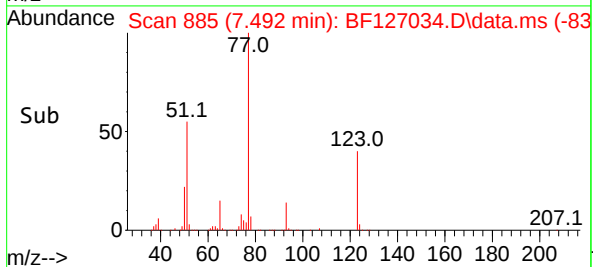
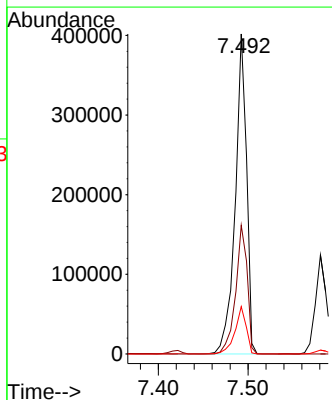
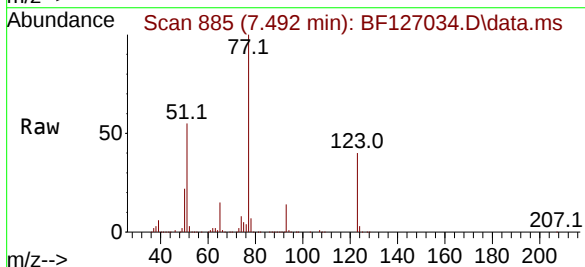
Instrument :
BNA_F
ClientSampleId :
PB142871BS

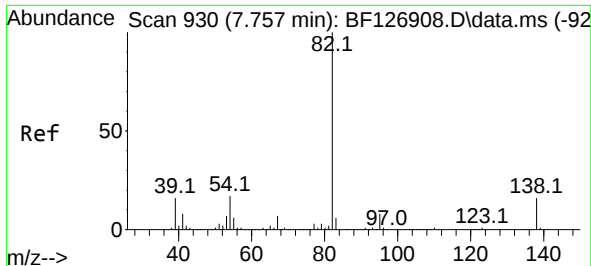
Tgt Ion: 82 Resp: 686840
Ion Ratio Lower Upper
82 100
128 37.9 32.7 49.1
54 53.9 41.7 62.5



#24
Nitrobenzene
Concen: 38.988 ng
RT: 7.492 min Scan# 885
Delta R.T. -0.006 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion: 77 Resp: 352435
Ion Ratio Lower Upper
77 100
123 40.2 34.6 52.0
65 14.8 10.6 15.8

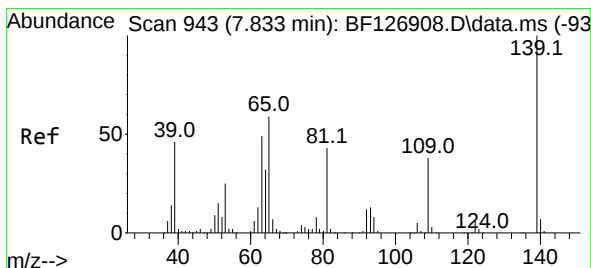
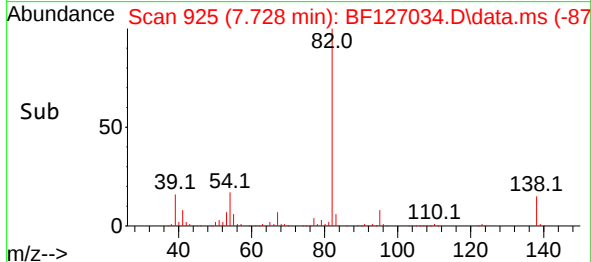
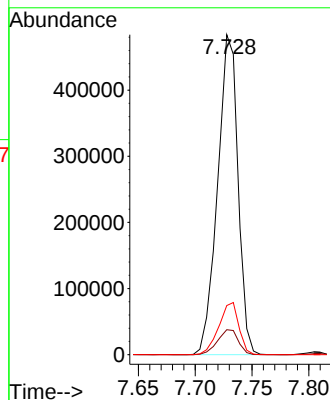
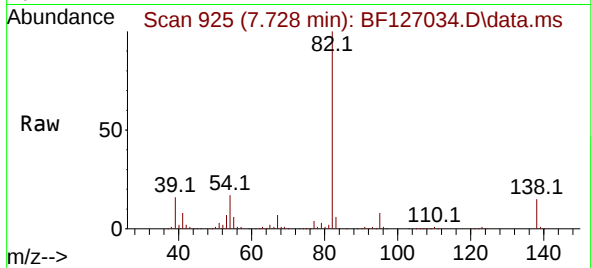




#25
Isophorone
Concen: 38.178 ng
RT: 7.728 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

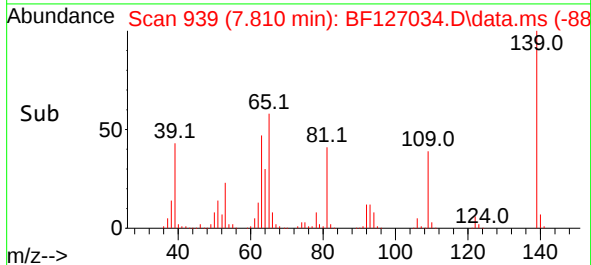
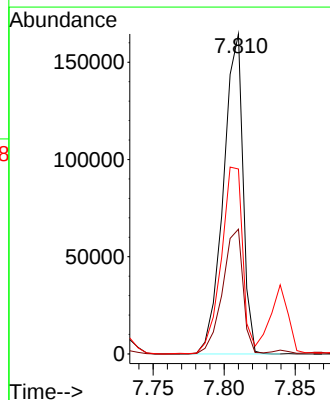
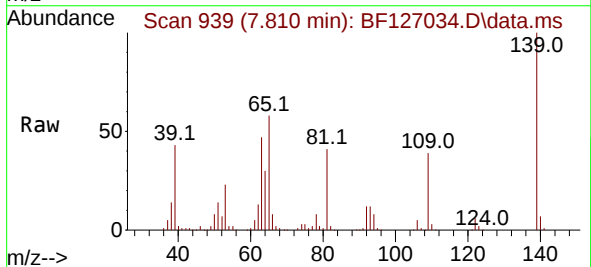
Instrument :
BNA_F
ClientSampleId :
PB142871BS

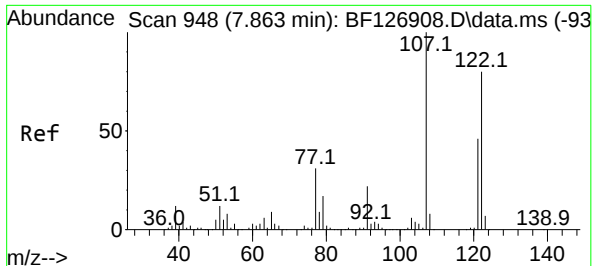
Tgt Ion: 82 Resp: 604514
Ion Ratio Lower Upper
82 100
95 7.8 5.0 7.4#
138 15.4 12.3 18.5



#26
2-Nitrophenol
Concen: 40.982 ng
RT: 7.810 min Scan# 939
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion:139 Resp: 157730
Ion Ratio Lower Upper
139 100
109 39.0 20.0 30.0#
65 57.8 40.8 61.2





#27

2,4-Dimethylphenol

Concen: 42.837 ng

RT: 7.839 min Scan# 94

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB142871BS

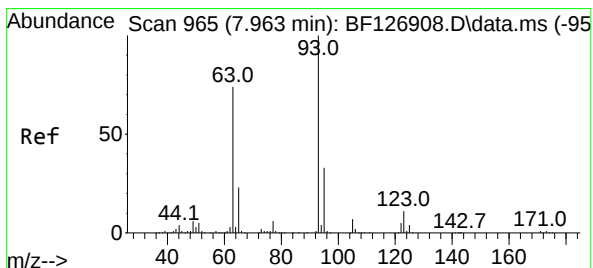
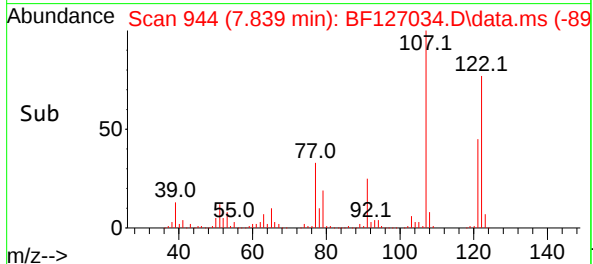
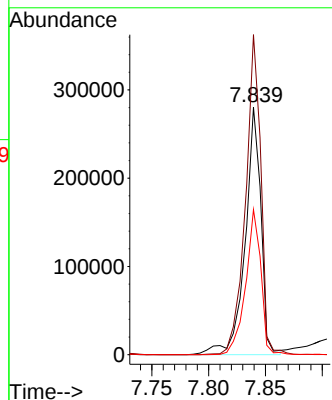
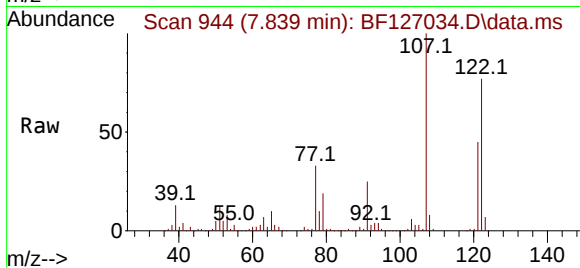
Tgt Ion:122 Resp: 270844

Ion Ratio Lower Upper

122 100

107 129.2 91.2 136.8

121 58.6 44.4 66.6



#28

bis(2-Chloroethoxy)methane

Concen: 36.309 ng

RT: 7.939 min Scan# 961

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

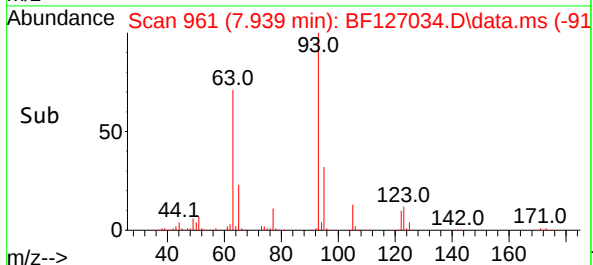
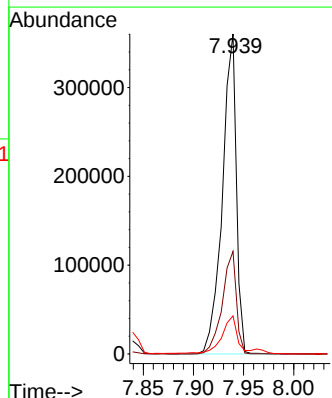
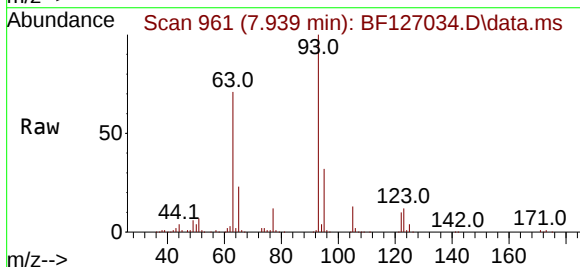
Tgt Ion: 93 Resp: 348546

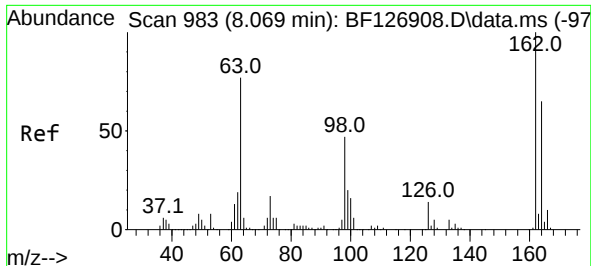
Ion Ratio Lower Upper

93 100

95 32.1 25.4 38.2

123 11.9 8.9 13.3





#29

2,4-Dichlorophenol

Concen: 39.968 ng

RT: 8.051 min Scan# 991

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB142871BS

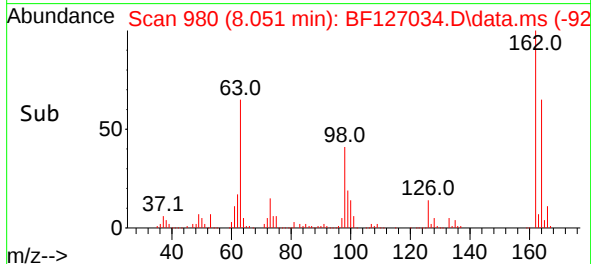
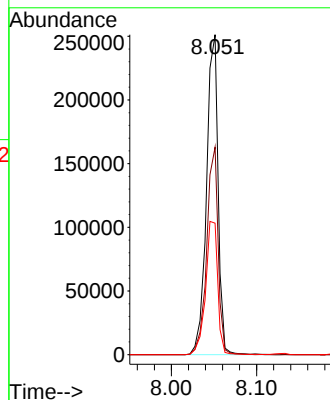
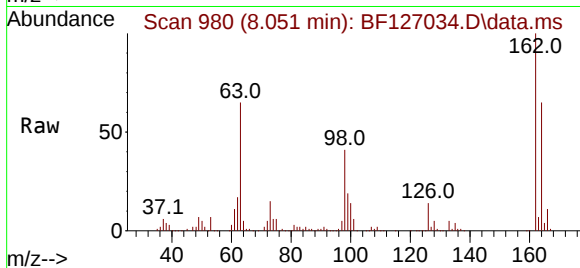
Tgt Ion:162 Resp: 237586

Ion Ratio Lower Upper

162 100

164 64.8 43.8 83.8

98 41.1 23.6 63.6



#30

1,2,4-Trichlorobenzene

Concen: 38.276 ng

RT: 8.134 min Scan# 994

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

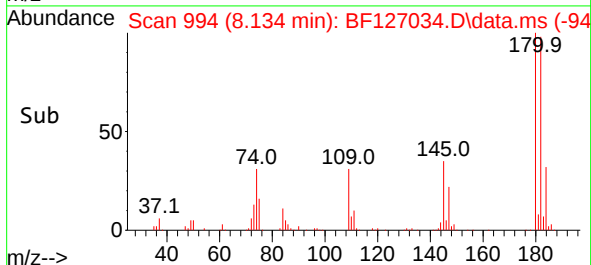
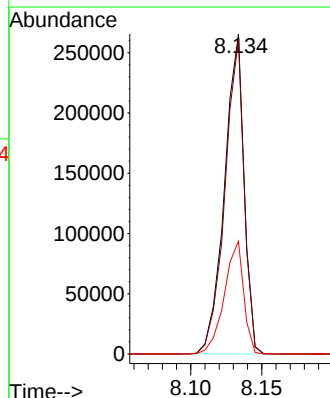
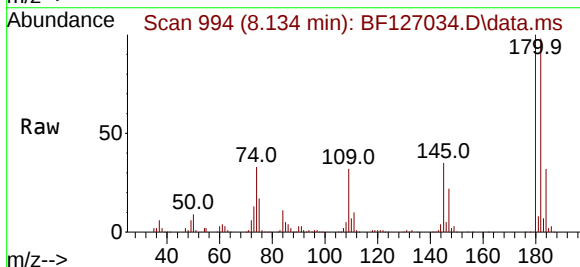
Tgt Ion:180 Resp: 254372

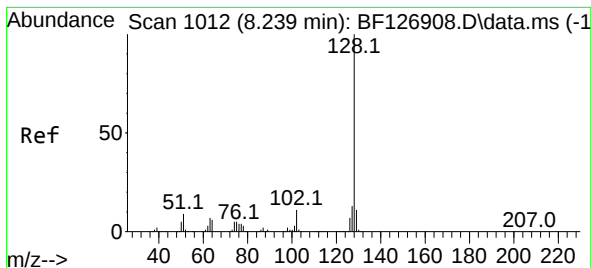
Ion Ratio Lower Upper

180 100

182 98.2 75.5 113.3

145 35.3 26.2 39.2





#31

Naphthalene

Concen: 38.583 ng

RT: 8.216 min Scan# 10

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB142871BS

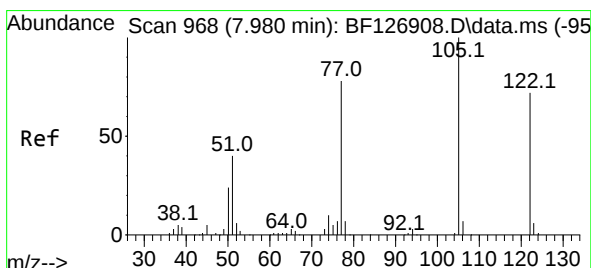
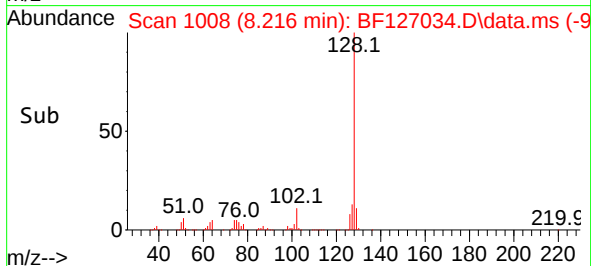
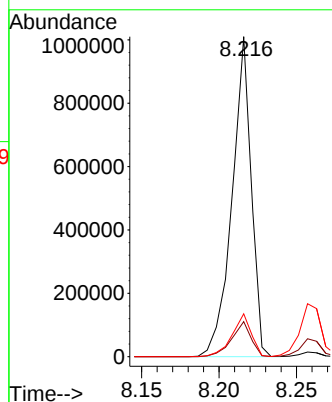
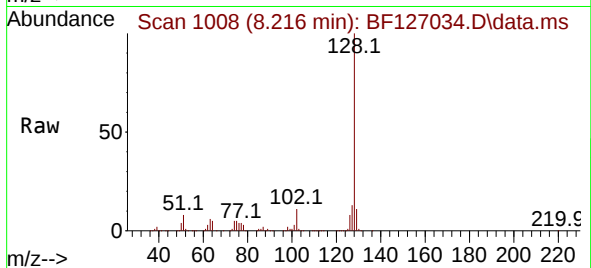
Tgt Ion:128 Resp: 869920

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.4 10.3 15.5



#32

Benzoic acid

Concen: 41.291 ng

RT: 7.969 min Scan# 966

Delta R.T. 0.012 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

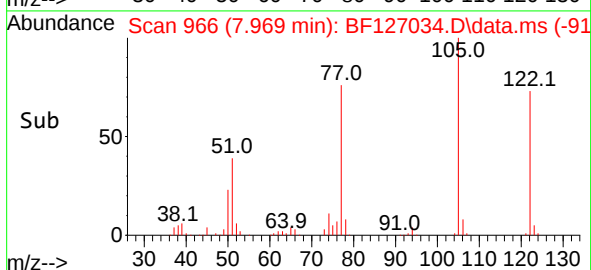
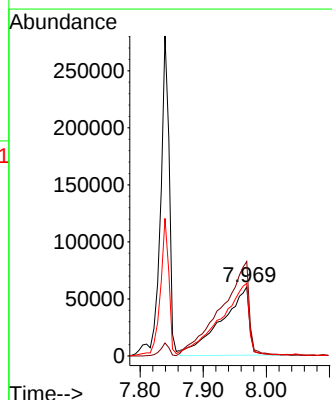
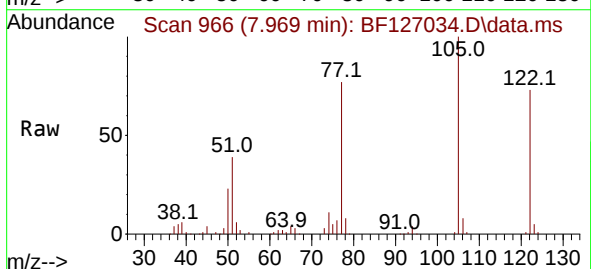
Tgt Ion:122 Resp: 185151

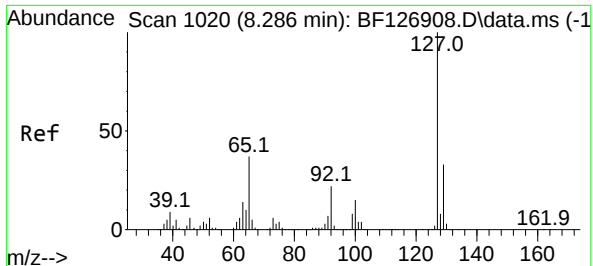
Ion Ratio Lower Upper

122 100

105 136.5 101.0 141.0

77 104.9 74.5 114.5

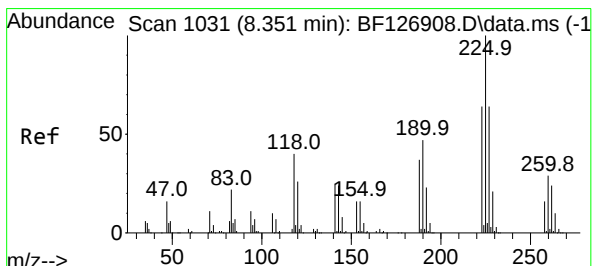
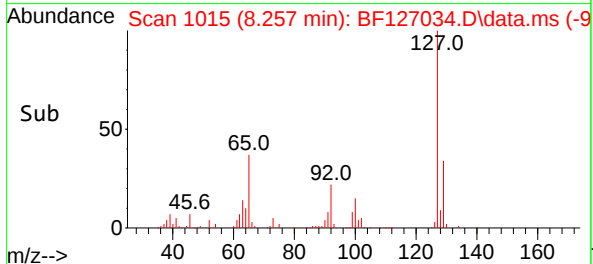
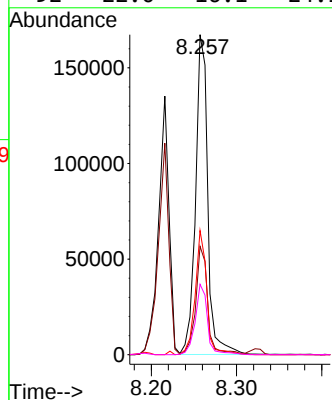
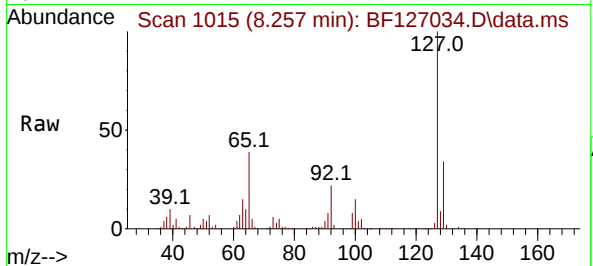




#33
4-Chloroaniline
Concen: 18.793 ng
RT: 8.257 min Scan# 1015
Delta R.T. -0.006 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

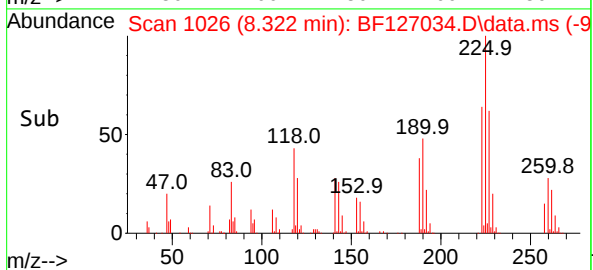
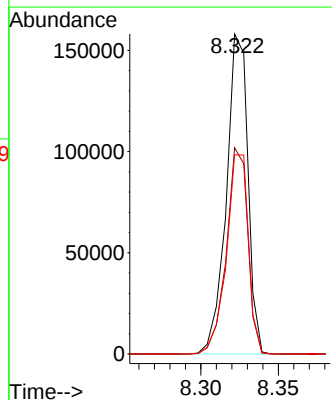
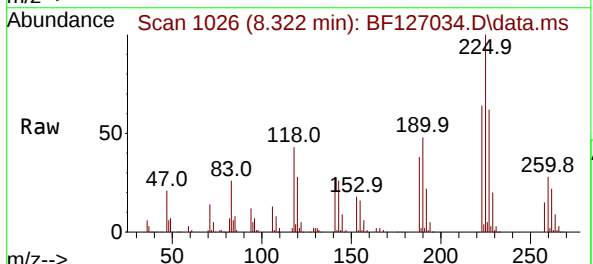
Instrument :
BNA_F
ClientSampleId :
PB142871BS

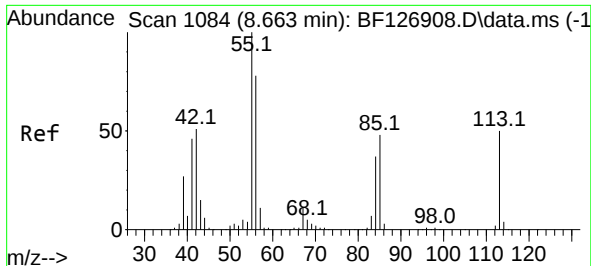
Tgt Ion:127	Resp: 166779
Ion Ratio	Lower Upper
127 100	
129 33.9	26.5 39.7
65 38.8	26.6 39.8
92 22.0	16.1 24.1



#34
Hexachlorobutadiene
Concen: 39.435 ng
RT: 8.322 min Scan# 1026
Delta R.T. -0.006 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion:225	Resp: 153004
Ion Ratio	Lower Upper
225 100	
223 64.5	48.6 73.0
227 62.2	51.4 77.0

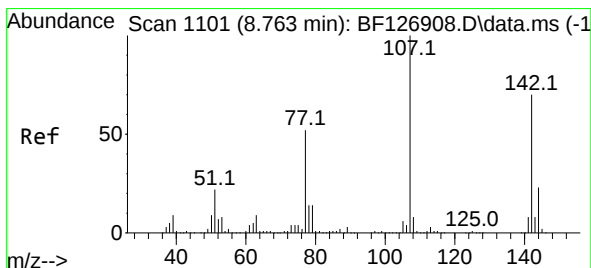
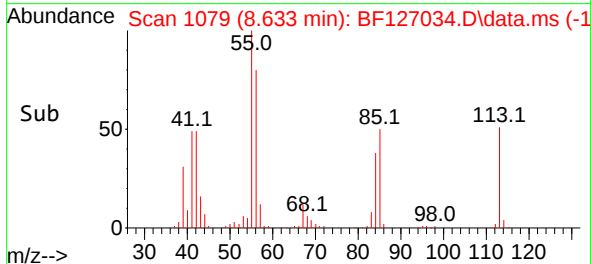
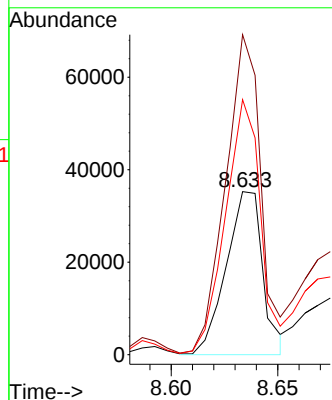
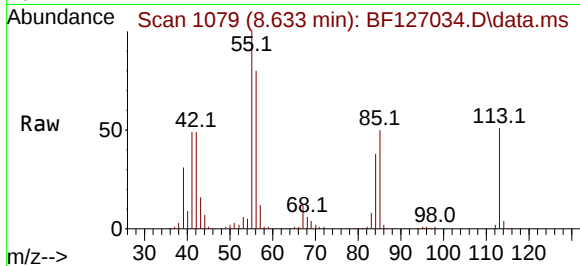




#35
 Caprolactam
 Concen: 20.333 ng
 RT: 8.633 min Scan# 1098
 Delta R.T. -0.006 min
 Lab File: BF127034.D
 Acq: 23 Feb 2022 12:32

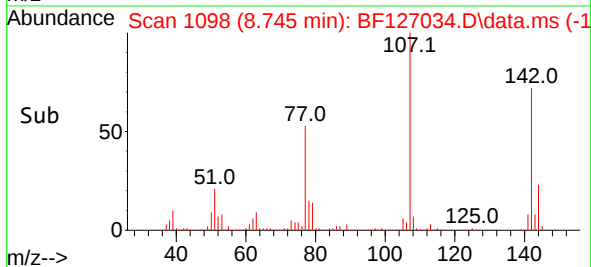
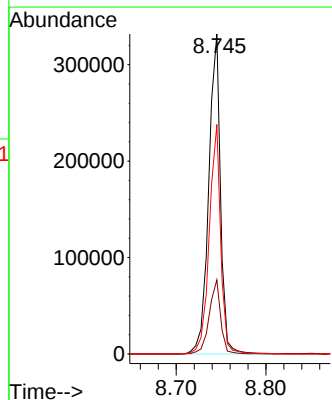
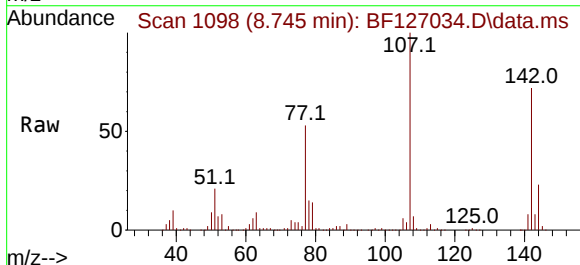
Instrument :
 BNA_F
 ClientSampleId :
 PB142871BS

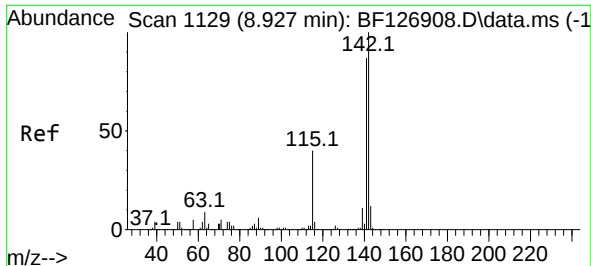
Tgt Ion:113 Resp: 42209
 Ion Ratio Lower Upper
 113 100
 55 196.2 183.9 223.9
 56 156.3 129.9 169.9



#36
 4-Chloro-3-methylphenol
 Concen: 39.861 ng
 RT: 8.745 min Scan# 1098
 Delta R.T. 0.006 min
 Lab File: BF127034.D
 Acq: 23 Feb 2022 12:32

Tgt Ion:107 Resp: 302829
 Ion Ratio Lower Upper
 107 100
 144 23.2 18.5 27.7
 142 71.7 58.1 87.1





#37

2-Methylnaphthalene

Concen: 40.572 ng

RT: 8.904 min Scan# 1129

Delta R.T. -0.006 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

Instrument :

BNA_F

ClientSampleId :

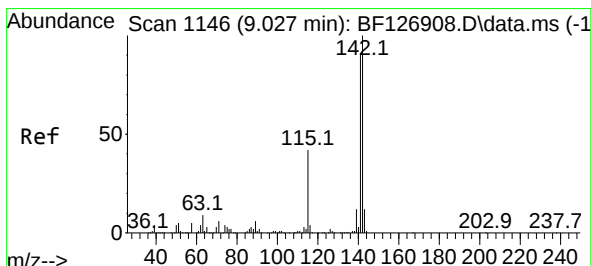
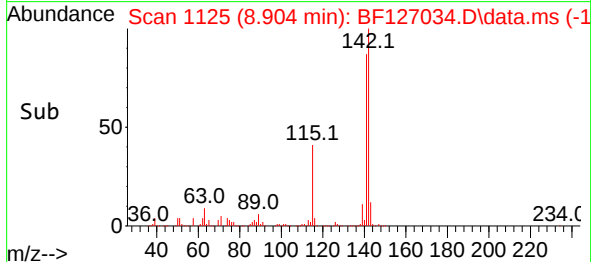
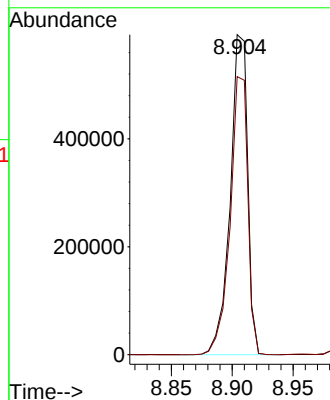
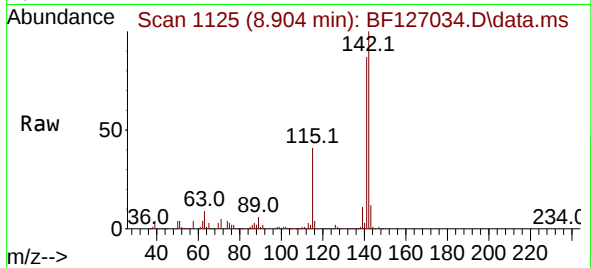
PB142871BS

Tgt Ion:142 Resp: 593583

Ion Ratio Lower Upper

142 100

141 86.9 68.6 102.8



#38

1-Methylnaphthalene

Concen: 38.964 ng

RT: 9.004 min Scan# 1142

Delta R.T. -0.006 min

Lab File: BF127034.D

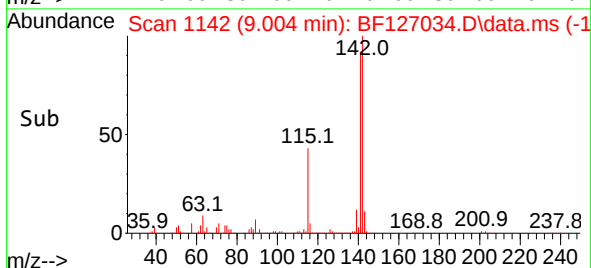
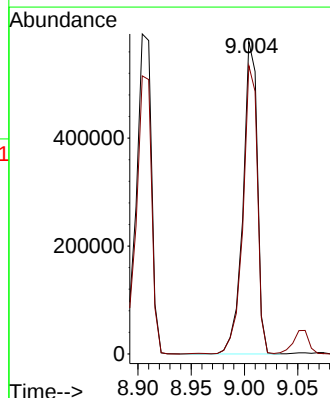
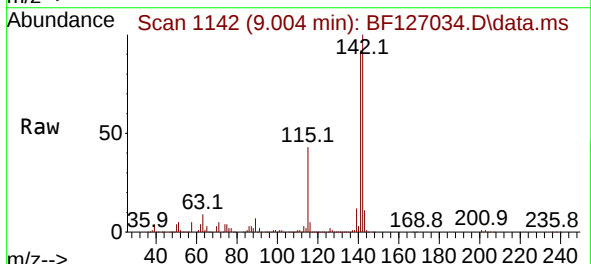
Acq: 23 Feb 2022 12:32

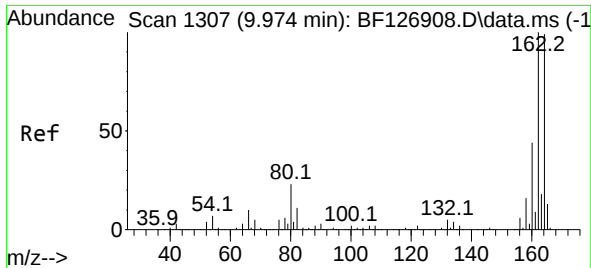
Tgt Ion:142 Resp: 545880

Ion Ratio Lower Upper

142 100

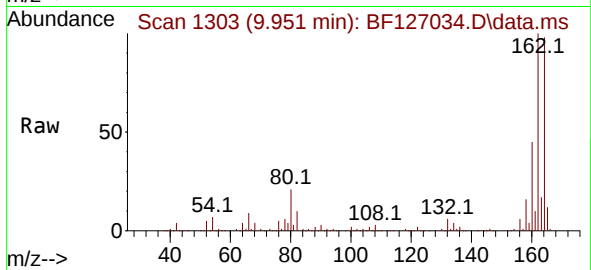
141 92.3 72.1 108.1



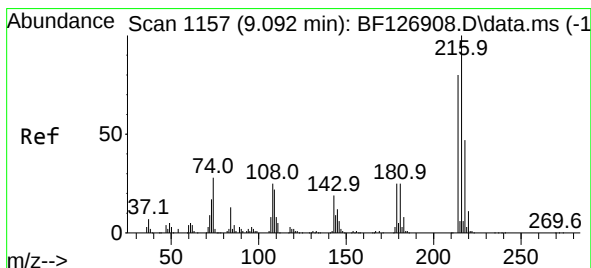
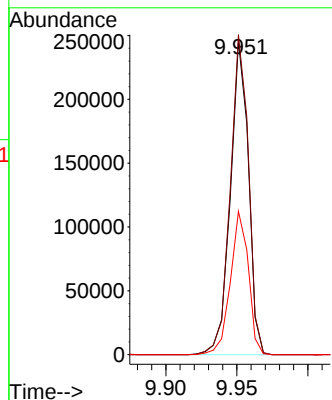
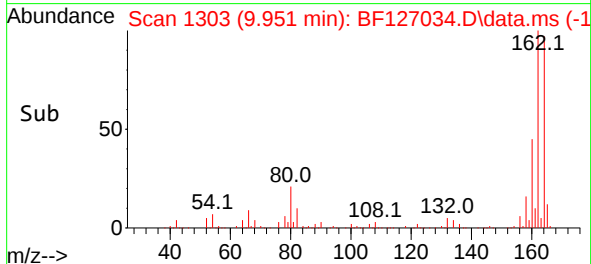


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.951 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

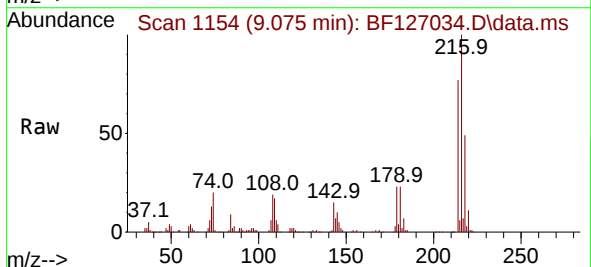
Instrument :
BNA_F
ClientSampleId :
PB142871BS



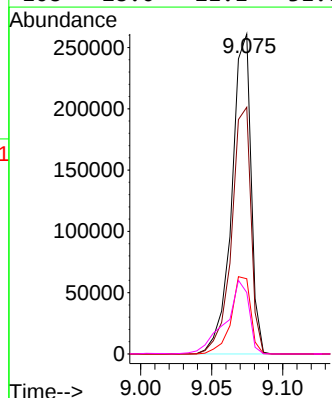
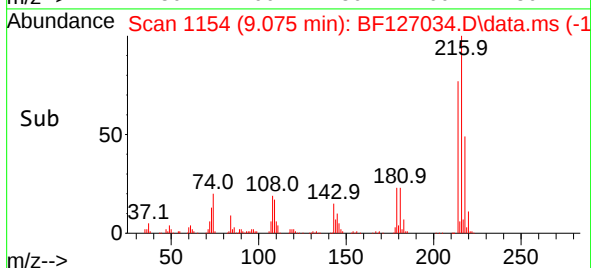
Tgt Ion:164 Resp: 216604
Ion Ratio Lower Upper
164 100
162 102.2 81.4 122.0
160 45.7 36.6 54.8

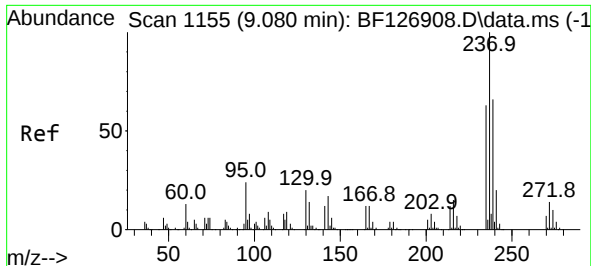


#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.069 ng
RT: 9.075 min Scan# 1154
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32



Tgt Ion:216 Resp: 245572
Ion Ratio Lower Upper
216 100
214 77.7 64.6 96.8
179 24.5 19.5 29.3
108 28.0 21.1 31.7

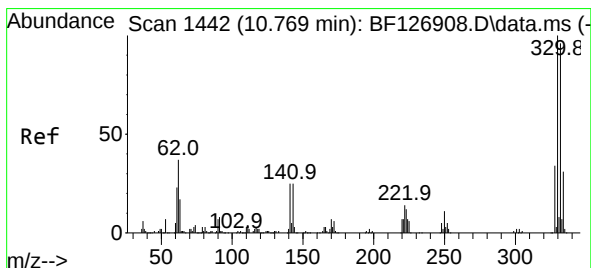
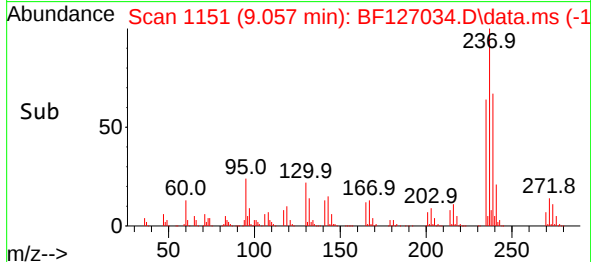
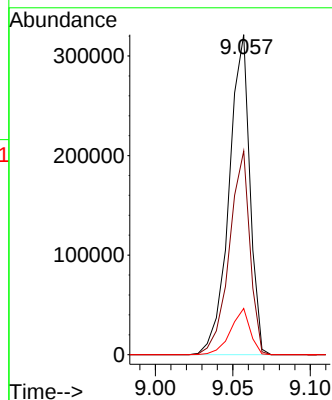
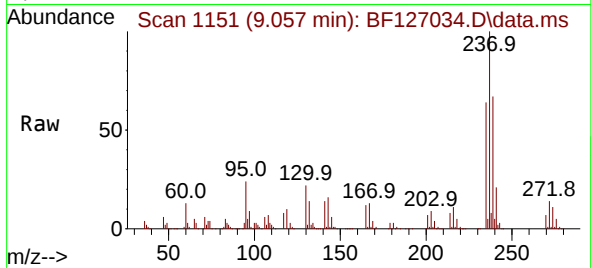




#41
Hexachlorocyclopentadiene
Concen: 96.954 ng
RT: 9.057 min Scan# 1155
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

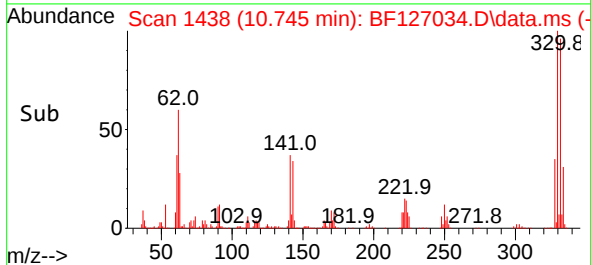
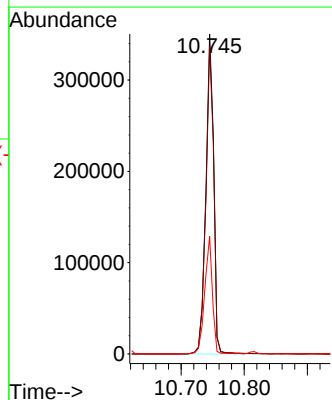
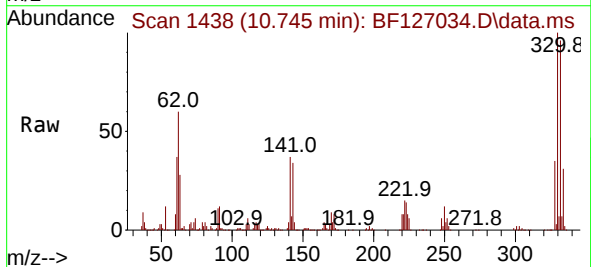
Instrument :
BNA_F
ClientSampleId :
PB142871BS

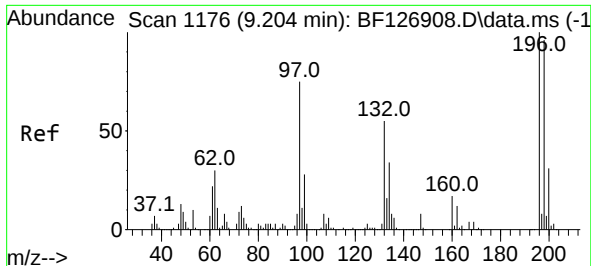
Tgt Ion:237 Resp: 299823
Ion Ratio Lower Upper
237 100
235 63.6 38.9 78.9
272 14.5 0.0 33.5



#42
2,4,6-Tribromophenol
Concen: 121.403 ng
RT: 10.745 min Scan# 1438
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion:330 Resp: 302768
Ion Ratio Lower Upper
330 100
332 96.4 76.0 114.0
141 36.1 30.1 45.1

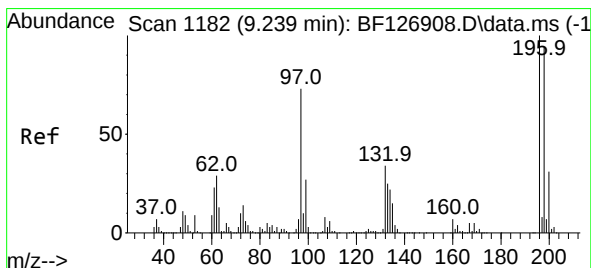
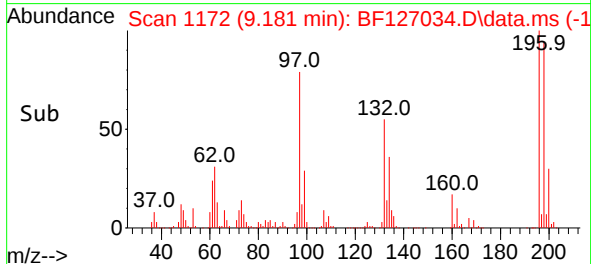
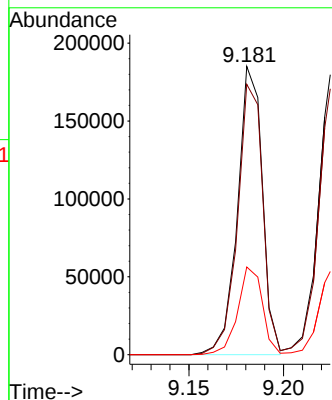
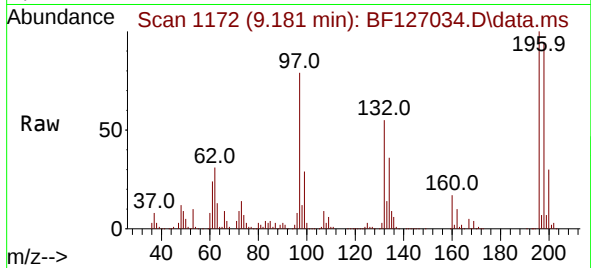




#43
2,4,6-Trichlorophenol
Concen: 40.428 ng
RT: 9.181 min Scan# 1176
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

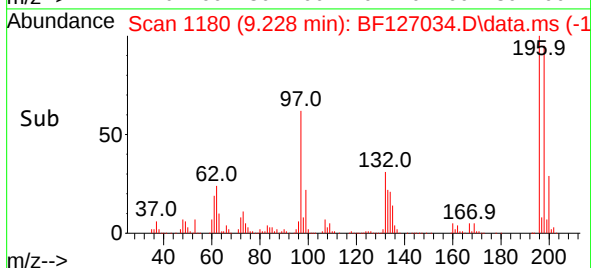
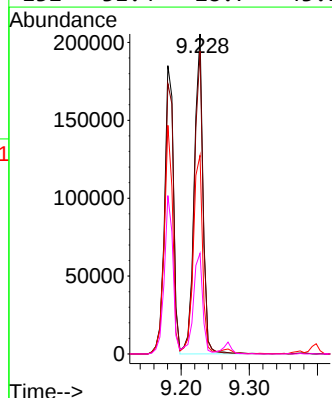
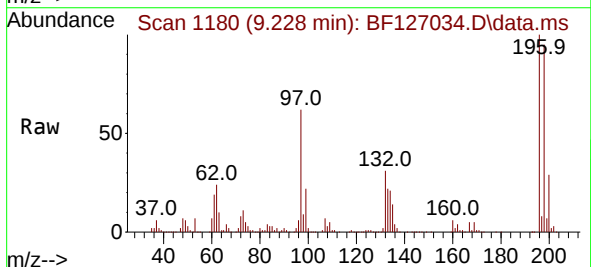
Instrument :
BNA_F
ClientSampleId :
PB142871BS

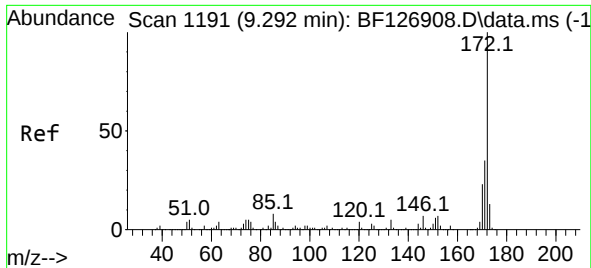
Tgt Ion:196 Resp: 169066
Ion Ratio Lower Upper
196 100
198 93.8 78.5 117.7
200 30.4 24.9 37.3



#44
2,4,5-Trichlorophenol
Concen: 41.144 ng
RT: 9.228 min Scan# 1180
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion:196 Resp: 181058
Ion Ratio Lower Upper
196 100
198 94.6 82.0 123.0
97 62.0 53.5 80.3
132 31.4 28.7 43.1





#45

2-Fluorobiphenyl

Concen: 76.021 ng

RT: 9.269 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB142871BS

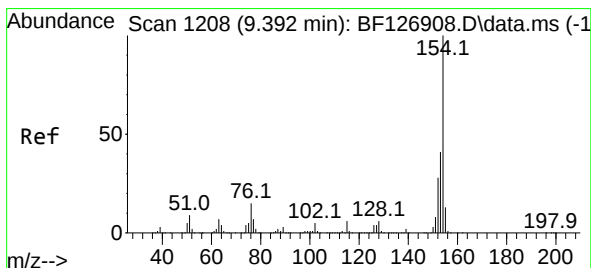
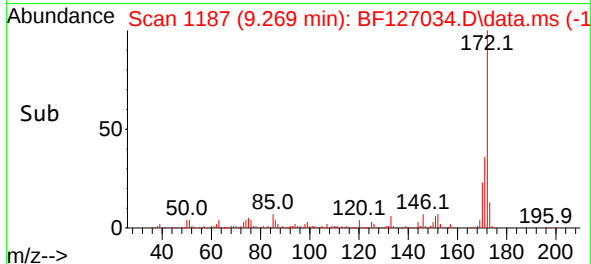
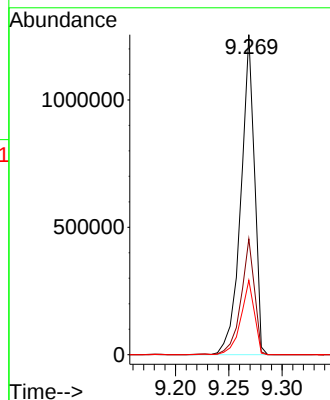
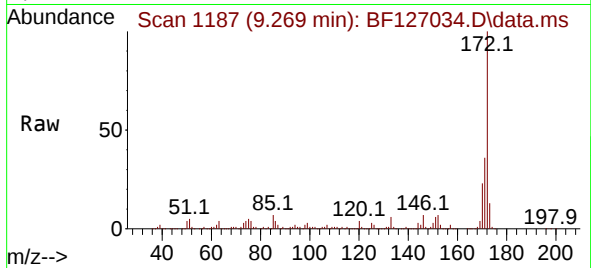
Tgt Ion:172 Resp: 1118522

Ion Ratio Lower Upper

172 100

171 36.2 28.3 42.5

170 23.2 19.0 28.6



#46

1,1'-Biphenyl

Concen: 41.558 ng

RT: 9.369 min Scan# 1204

Delta R.T. -0.006 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

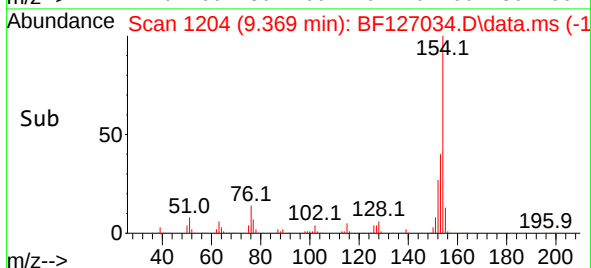
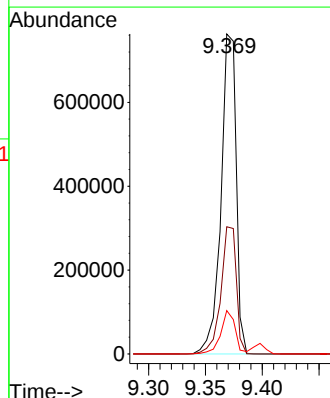
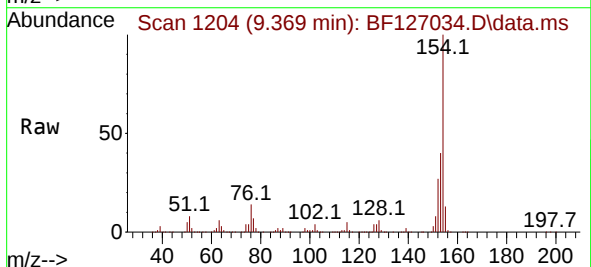
Tgt Ion:154 Resp: 713189

Ion Ratio Lower Upper

154 100

153 39.8 19.0 59.0

76 13.6 0.0 34.5





#47

2-Chloronaphthalene

Concen: 39.835 ng

RT: 9.398 min Scan# 1209

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB142871BS

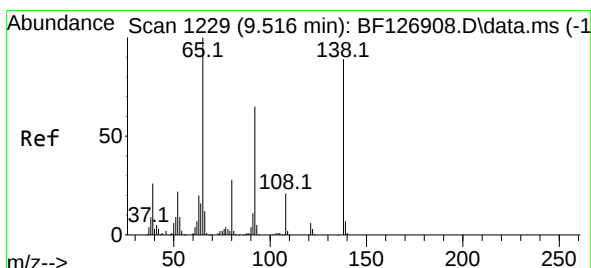
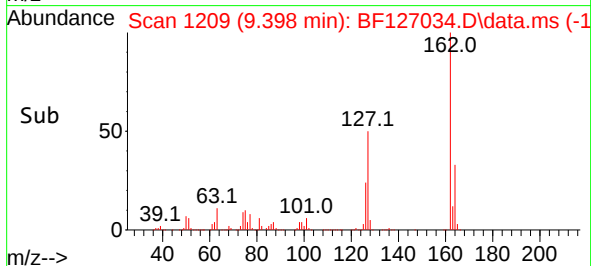
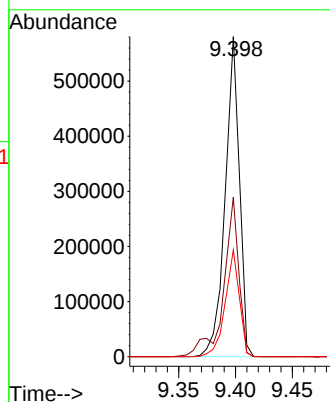
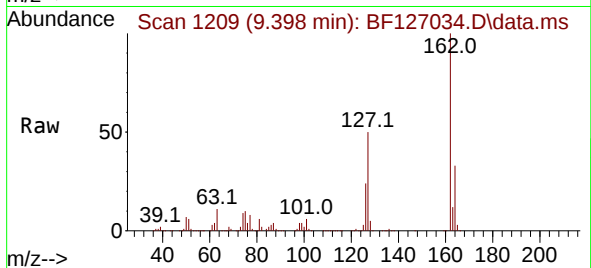
Tgt Ion:162 Resp: 506936

Ion Ratio Lower Upper

162 100

127 49.8 33.5 50.3

164 33.4 26.2 39.4



#48

2-Nitroaniline

Concen: 40.163 ng

RT: 9.492 min Scan# 1225

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

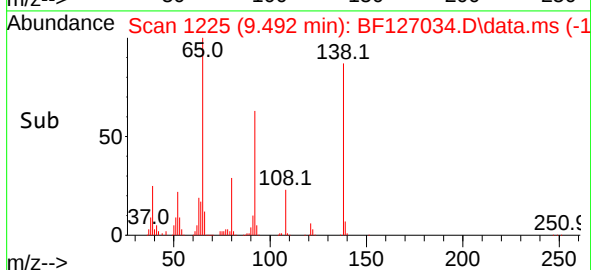
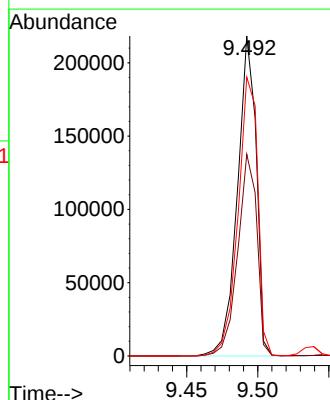
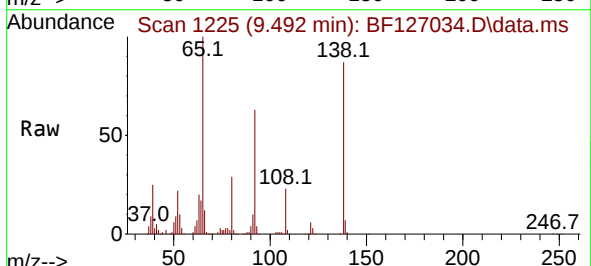
Tgt Ion: 65 Resp: 201696

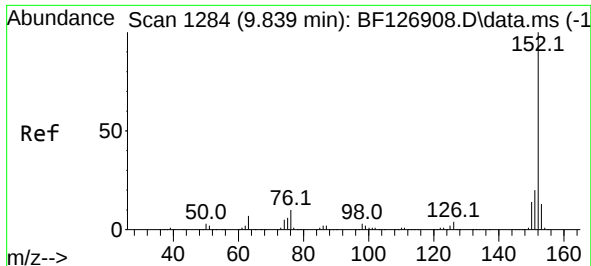
Ion Ratio Lower Upper

65 100

92 63.1 54.4 81.6

138 87.1 72.5 108.7

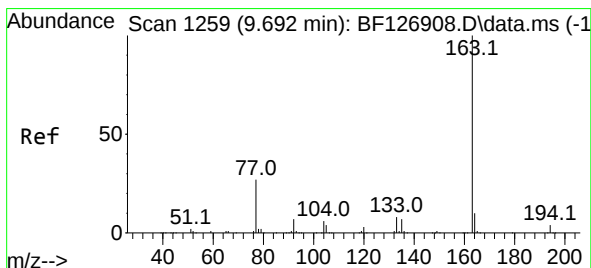
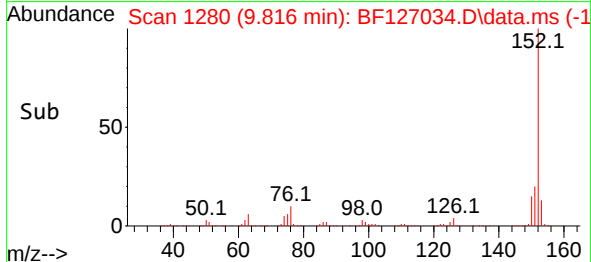
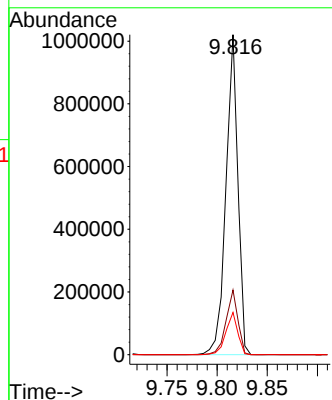
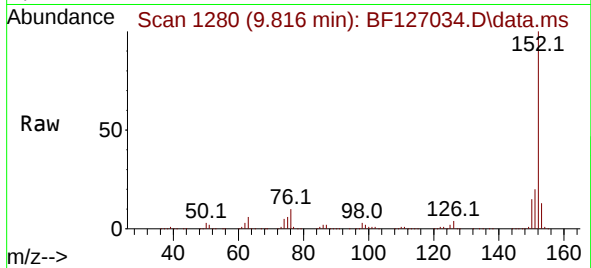




#49
Acenaphthylene
Concen: 40.806 ng
RT: 9.816 min Scan# 1280
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

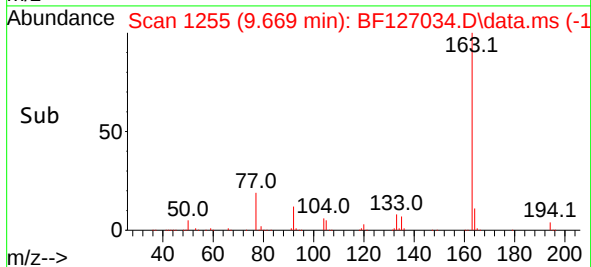
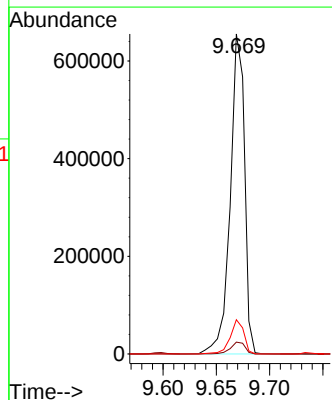
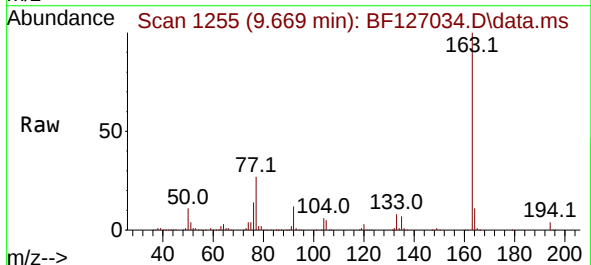
Instrument :
BNA_F
ClientSampleId :
PB142871BS

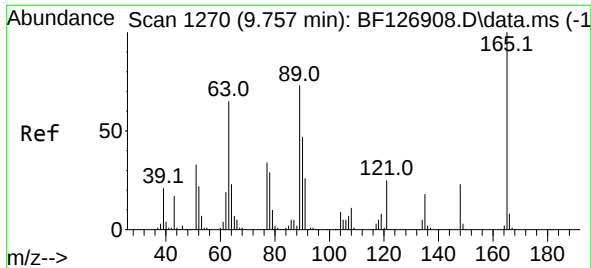
Tgt Ion:152 Resp: 843540
Ion Ratio Lower Upper
152 100
151 20.2 15.7 23.5
153 13.2 11.4 17.0



#50
Dimethylphthalate
Concen: 39.556 ng
RT: 9.669 min Scan# 1255
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion:163 Resp: 612433
Ion Ratio Lower Upper
163 100
194 3.7 2.6 3.8
164 10.7 7.8 11.8

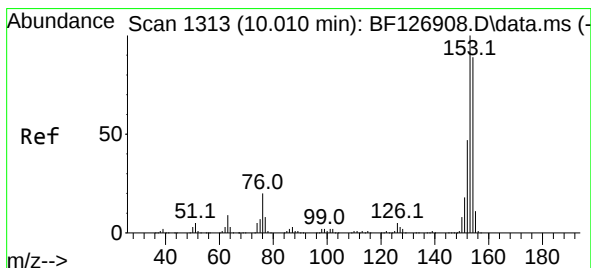
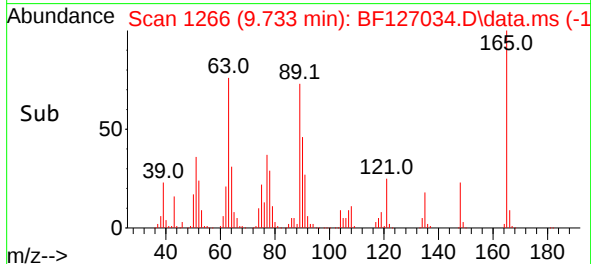
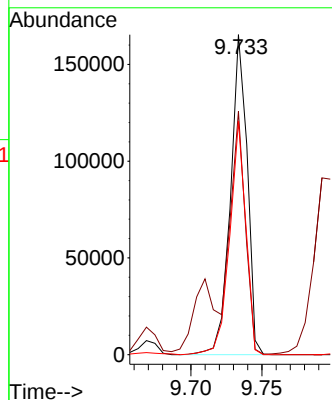
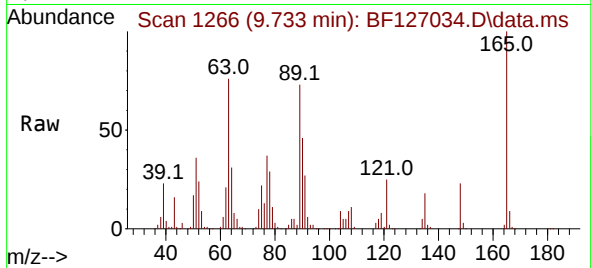




#51
2,6-Dinitrotoluene
Concen: 42.846 ng
RT: 9.733 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

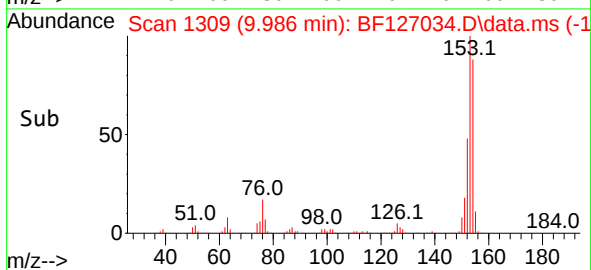
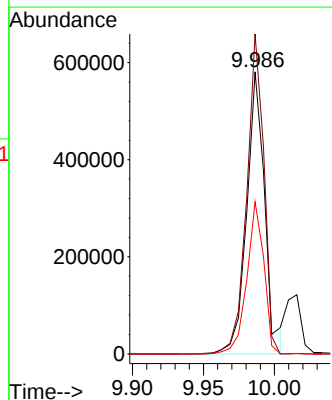
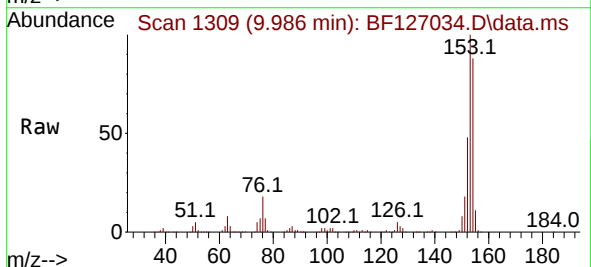
Instrument :
BNA_F
ClientSampleId :
PB142871BS

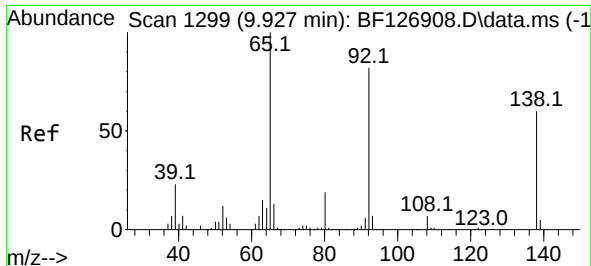
Tgt Ion:165 Resp: 134963
Ion Ratio Lower Upper
165 100
63 76.1 48.4 72.6#
89 73.0 50.5 75.7



#52
Acenaphthene
Concen: 38.102 ng
RT: 9.986 min Scan# 1309
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion:154 Resp: 512234
Ion Ratio Lower Upper
154 100
153 113.4 87.8 131.6
152 53.9 39.4 59.2

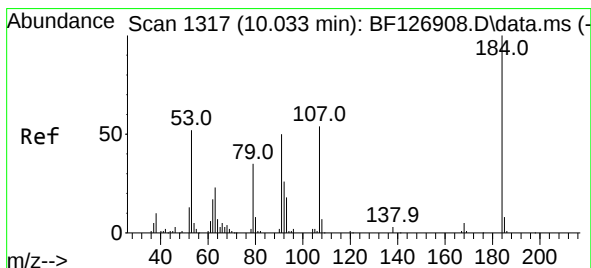
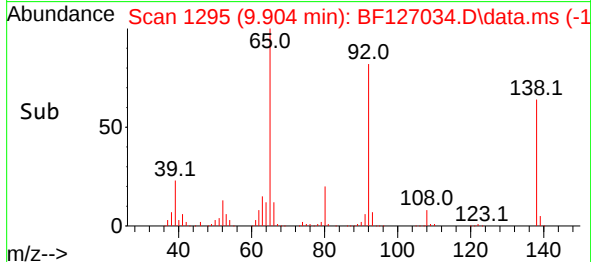
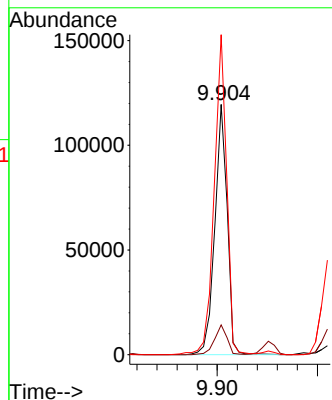
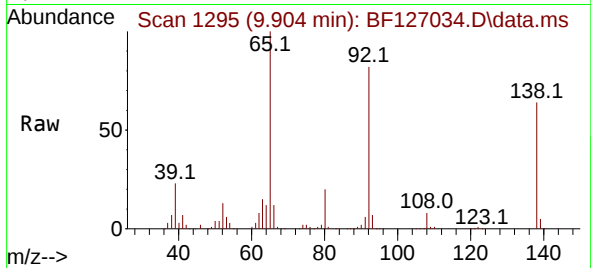




#53
3-Nitroaniline
Concen: 26.581 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

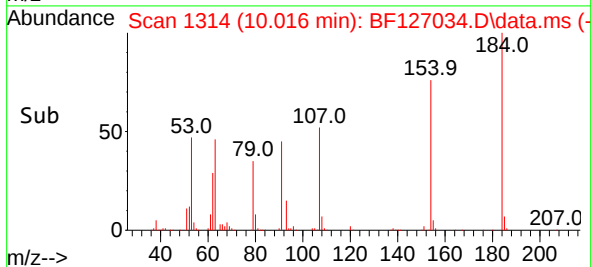
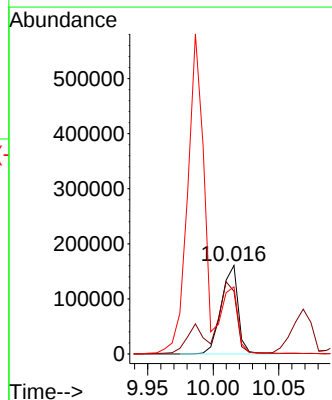
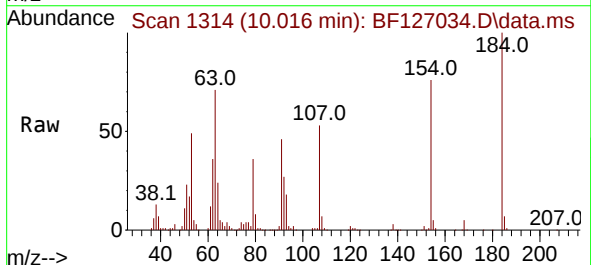
Instrument :
BNA_F
ClientSampleId :
PB142871BS

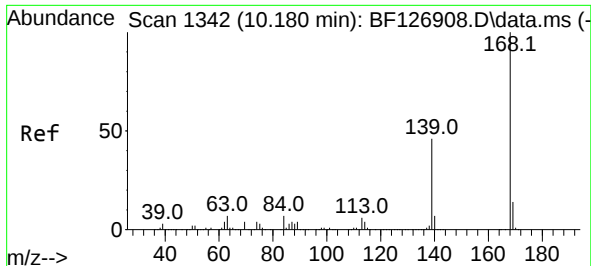
Tgt Ion:138 Resp: 102350
Ion Ratio Lower Upper
138 100
108 11.9 8.6 13.0
92 127.9 105.0 157.6



#54
2,4-Dinitrophenol
Concen: 86.197 ng
RT: 10.016 min Scan# 1314
Delta R.T. 0.006 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion:184 Resp: 143714
Ion Ratio Lower Upper
184 100
63 70.9 70.4 105.6
154 75.8 49.7 74.5#

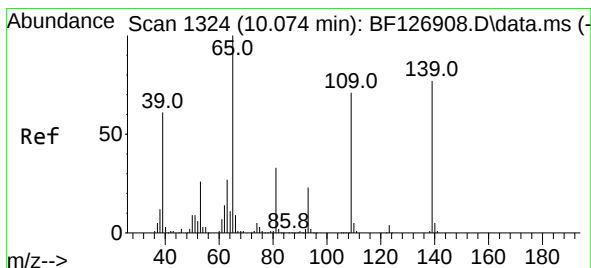
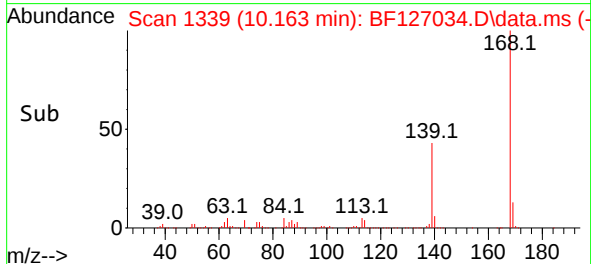
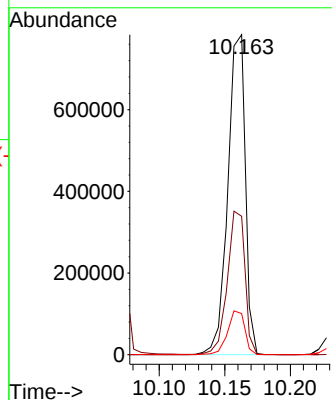
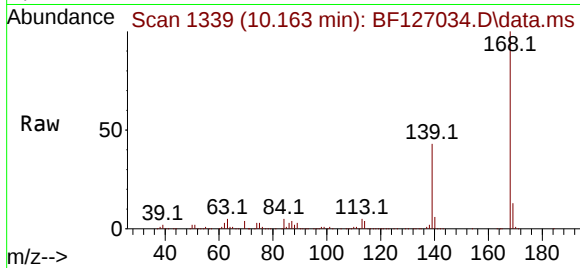




#55
Dibenzenofuran
Concen: 39.388 ng
RT: 10.163 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

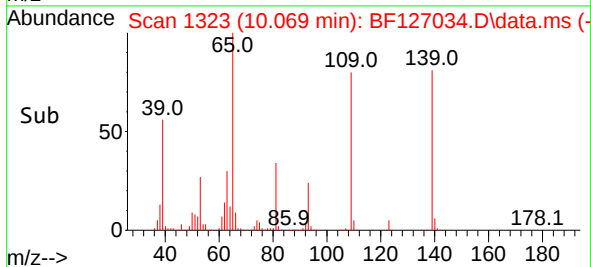
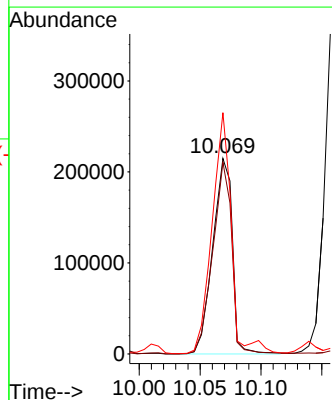
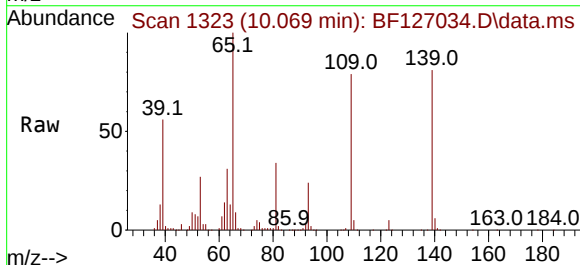
Instrument :
BNA_F
ClientSampleId :
PB142871BS

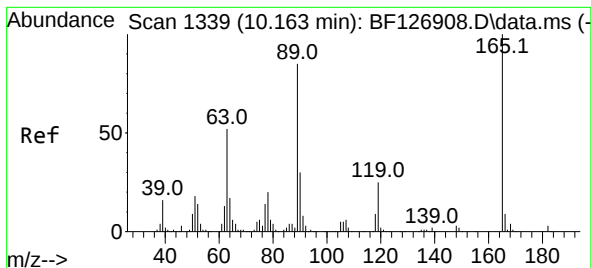
Tgt Ion:168 Resp: 728127
Ion Ratio Lower Upper
168 100
139 43.2 30.6 46.0
169 12.8 10.0 15.0



#56
4-Nitrophenol
Concen: 84.602 ng
RT: 10.069 min Scan# 1323
Delta R.T. 0.006 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion:139 Resp: 240598
Ion Ratio Lower Upper
139 100
109 98.0 44.1 84.1#
65 123.4 85.5 125.5

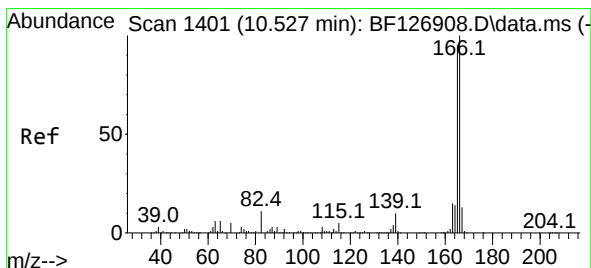
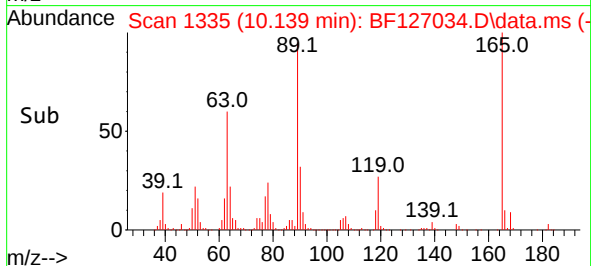
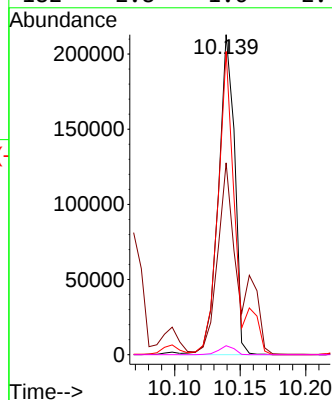
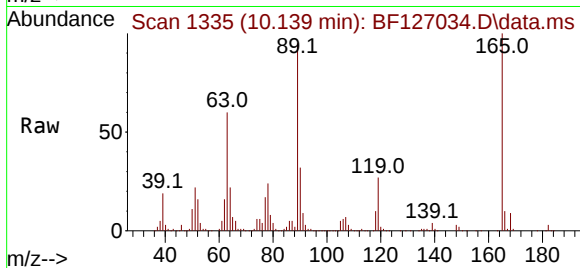




#57
2,4-Dinitrotoluene
Concen: 42.909 ng
RT: 10.139 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

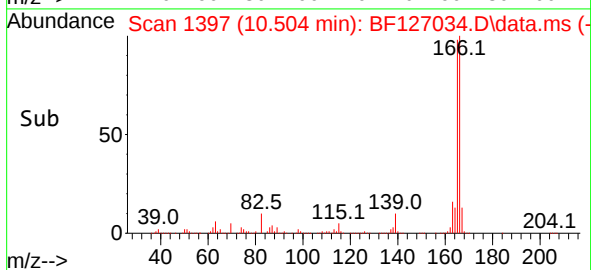
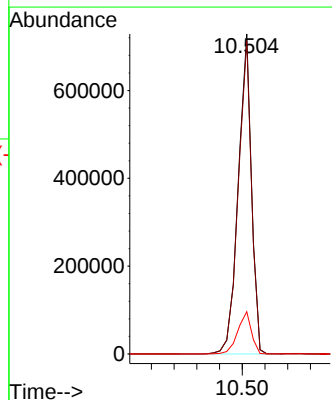
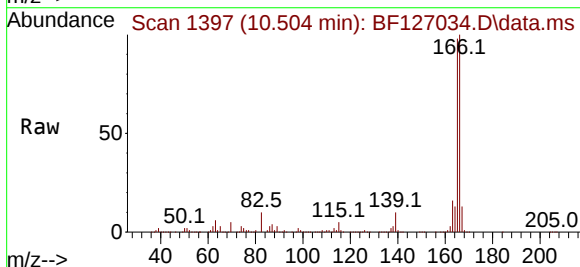
Instrument :
BNA_F
ClientSampleId :
PB142871BS

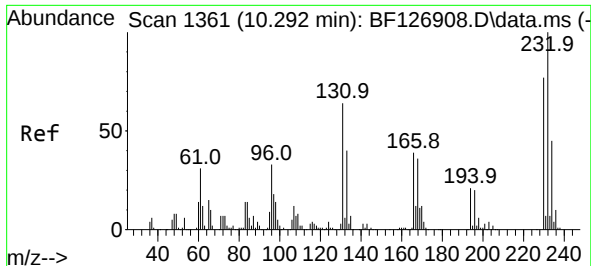
Tgt Ion:165 Resp: 182753
Ion Ratio Lower Upper
165 100
63 59.9 43.0 64.6
89 94.7 71.0 106.4
182 2.8 1.6 2.4#



#58
Fluorene
Concen: 40.821 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion:166 Resp: 587806
Ion Ratio Lower Upper
166 100
165 97.9 77.7 116.5
167 13.2 10.7 16.1

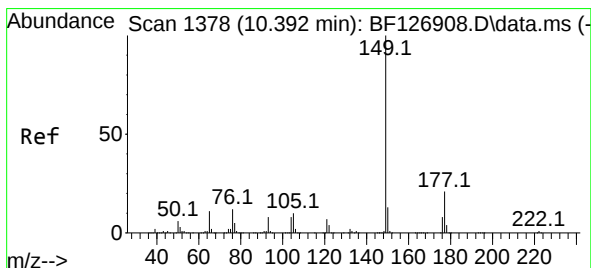
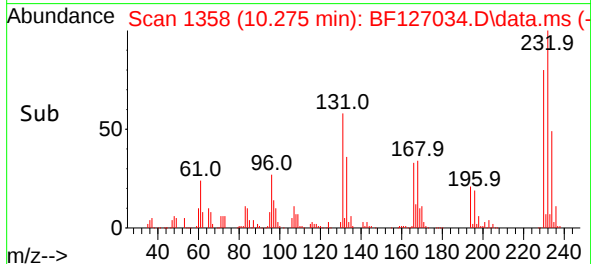
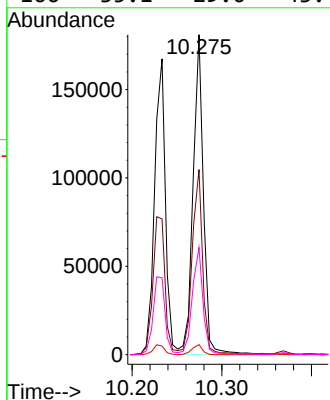
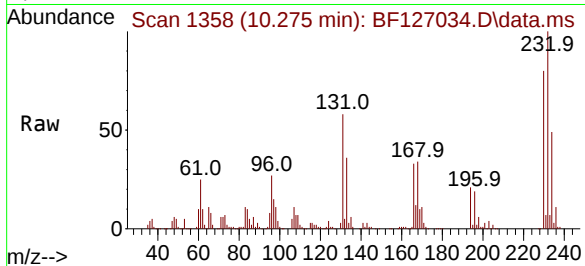




#59
2,3,4,6-Tetrachlorophenol
Concen: 41.410 ng
RT: 10.275 min Scan# 1358
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

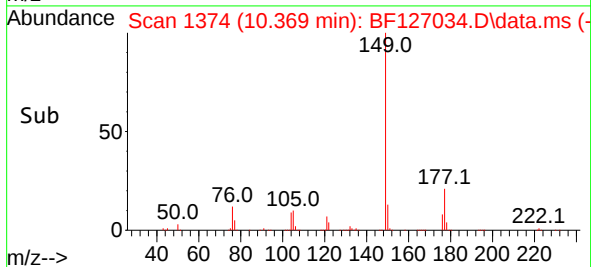
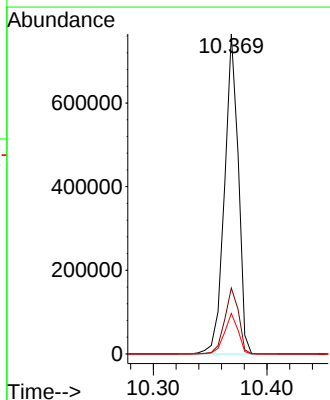
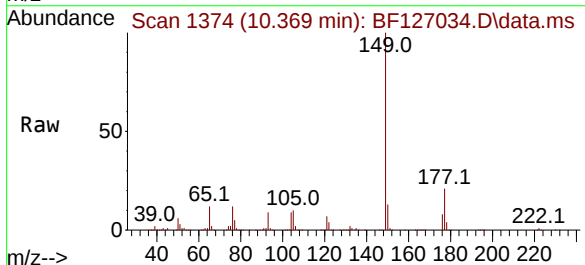
Instrument :
BNA_F
ClientSampleId :
PB142871BS

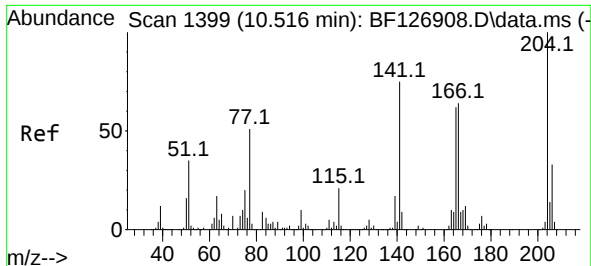
Tgt Ion:232 Resp: 144472
Ion Ratio Lower Upper
232 100
131 58.3 50.0 75.0
130 3.2 2.2 3.2
166 35.1 29.0 43.4



#60
Diethylphthalate
Concen: 39.925 ng
RT: 10.369 min Scan# 1374
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion:149 Resp: 645897
Ion Ratio Lower Upper
149 100
177 20.6 16.7 25.1
150 12.7 9.8 14.8





#61

4-Chlorophenyl-phenylether

Concen: 40.186 ng

RT: 10.492 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB142871BS

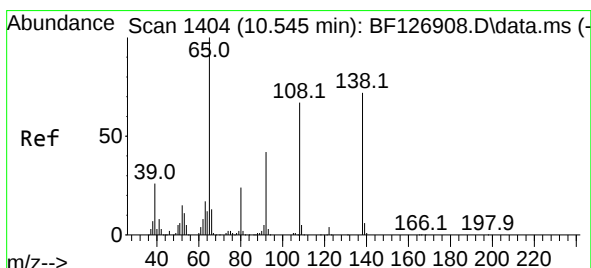
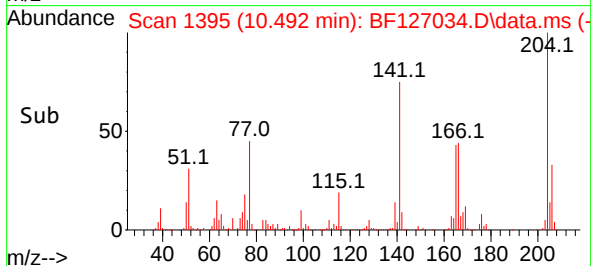
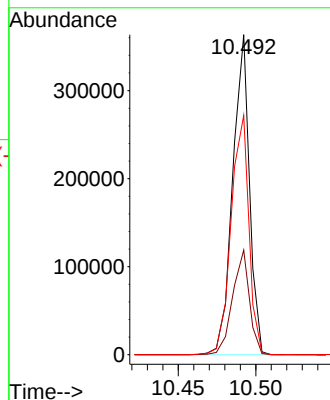
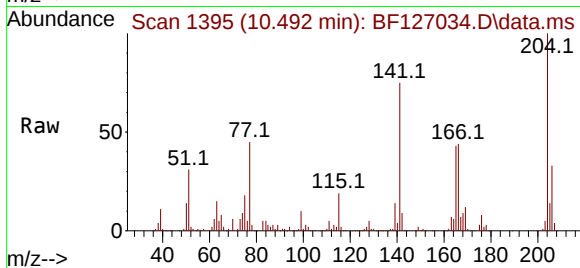
Tgt Ion:204 Resp: 272860

Ion Ratio Lower Upper

204 100

206 32.7 26.3 39.5

141 74.8 59.0 88.6



#62

4-Nitroaniline

Concen: 38.795 ng

RT: 10.527 min Scan# 1401

Delta R.T. 0.006 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

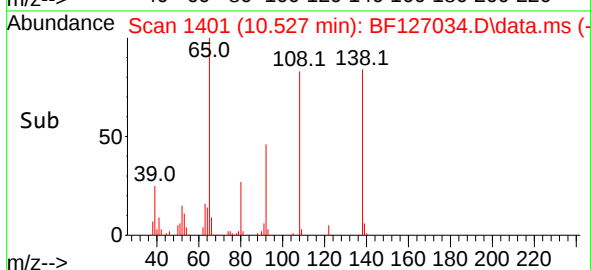
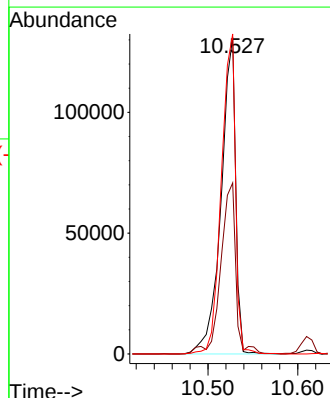
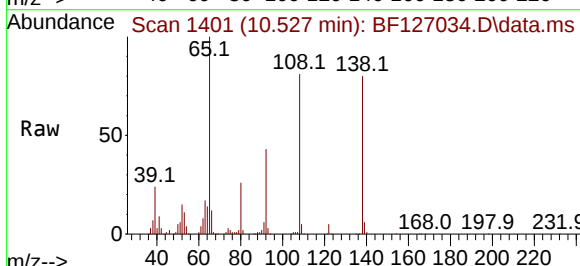
Tgt Ion:138 Resp: 147511

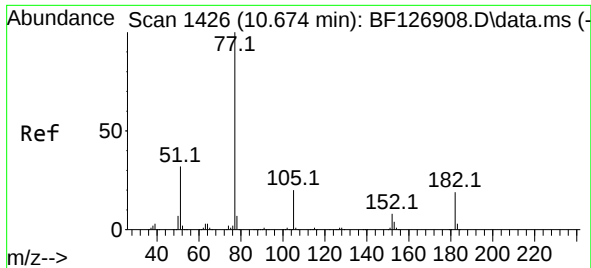
Ion Ratio Lower Upper

138 100

92 54.1 36.2 76.2

108 101.1 46.7 86.7#

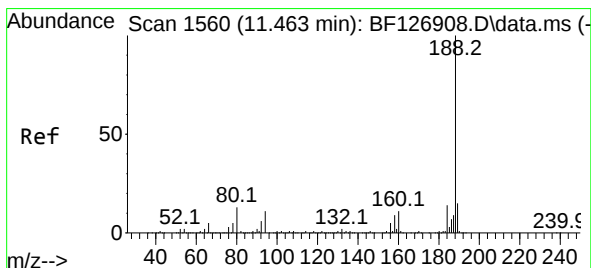
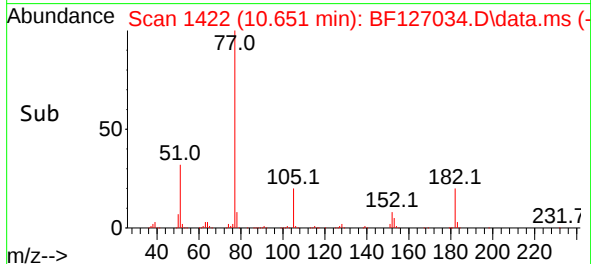
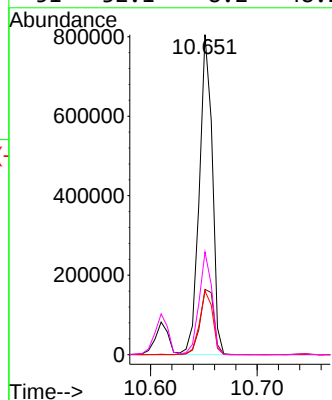
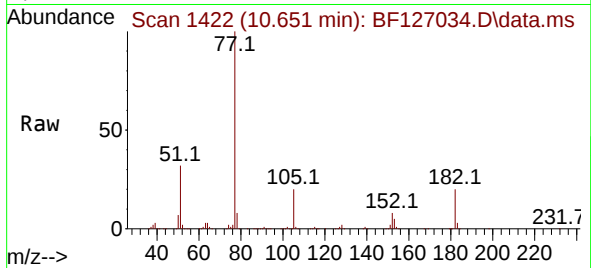




#63
Azobenzene
Concen: 37.754 ng
RT: 10.651 min Scan# 1422
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

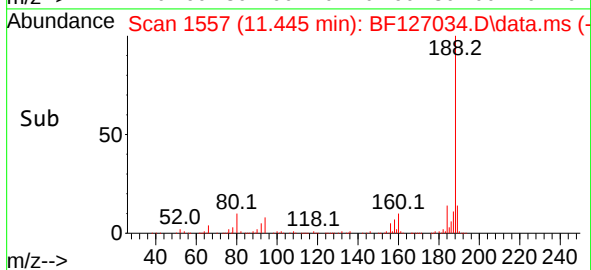
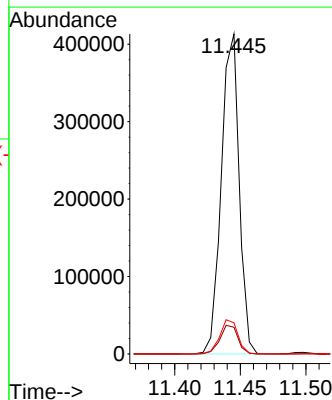
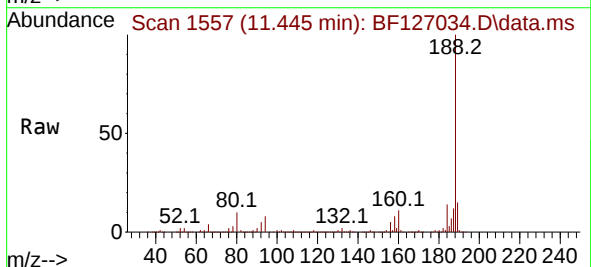
Instrument :
BNA_F
ClientSampleId :
PB142871BS

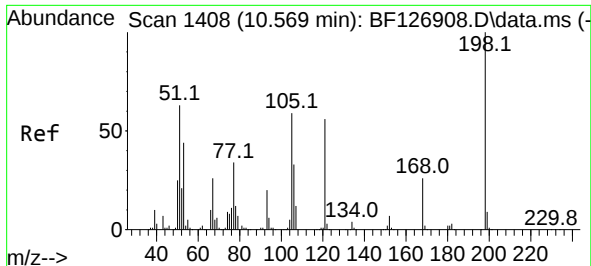
Tgt Ion: 77	Resp: 680118
Ion Ratio	Lower Upper
77 100	
182 20.4	0.0 39.0
105 19.9	3.2 43.2
51 32.1	8.2 48.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.445 min Scan# 1557
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion:188	Resp: 390410
Ion Ratio	Lower Upper
188 100	
94 8.4	10.1 15.1#
80 9.7	11.8 17.6#

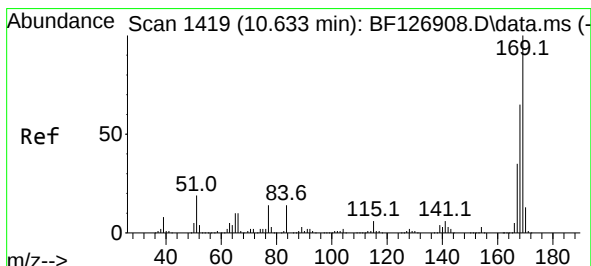
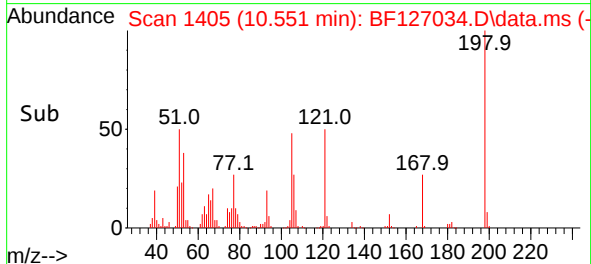
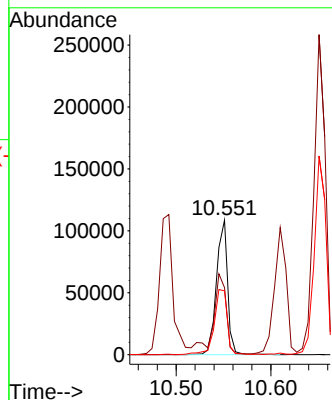
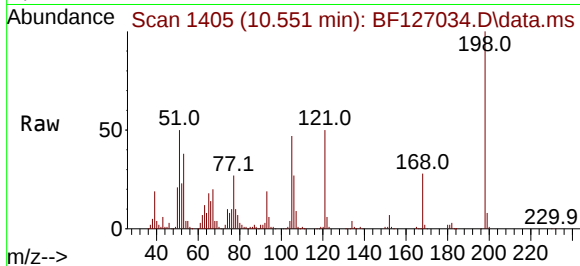




#65
4,6-Dinitro-2-methylphenol
Concen: 38.612 ng
RT: 10.551 min Scan# 1408
Delta R.T. 0.006 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

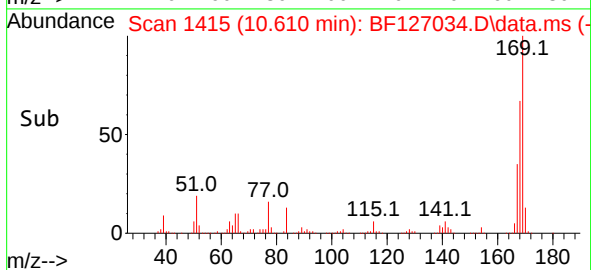
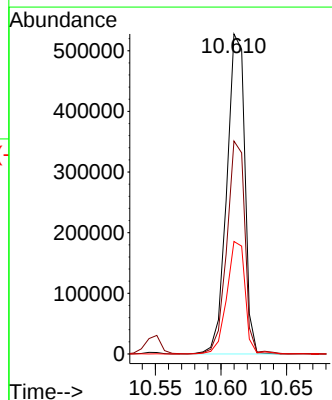
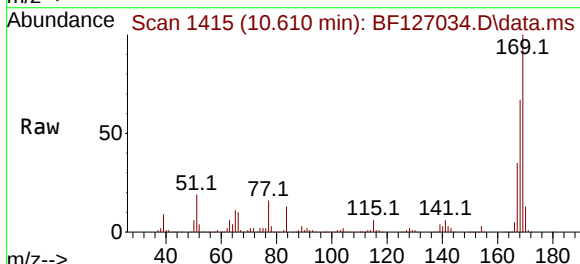
Instrument :
BNA_F
ClientSampleId :
PB142871BS

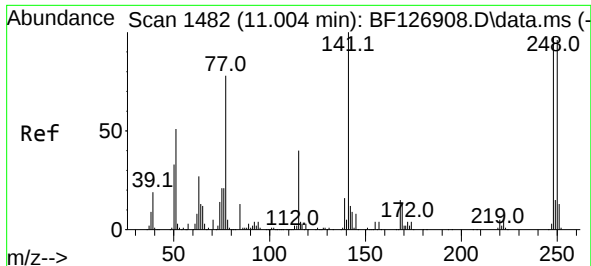
Tgt Ion:198 Resp: 88572
Ion Ratio Lower Upper
198 100
51 49.8 32.0 72.0
105 47.4 32.7 72.7



#66
n-Nitrosodiphenylamine
Concen: 39.264 ng
RT: 10.610 min Scan# 1415
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion:169 Resp: 502649
Ion Ratio Lower Upper
169 100
168 66.5 53.4 80.0
167 35.1 29.4 44.0

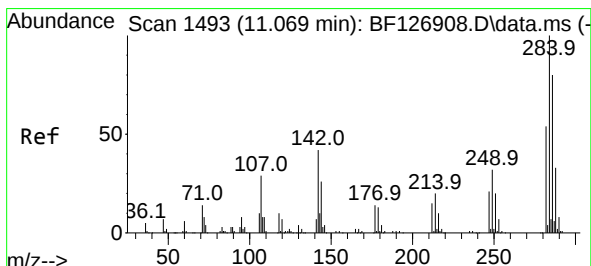
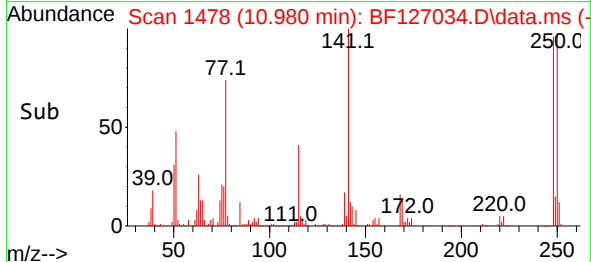
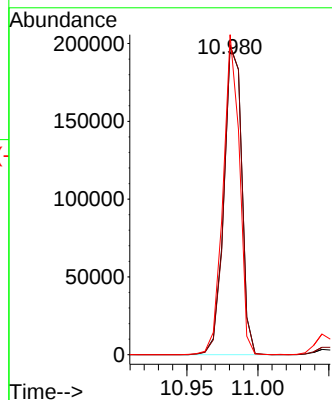
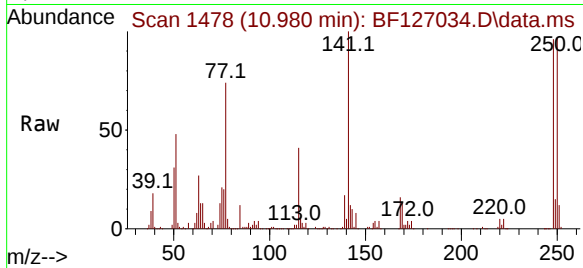




#67
4-Bromophenyl-phenylether
Concen: 39.456 ng
RT: 10.980 min Scan# 1482
Delta R.T. -0.006 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

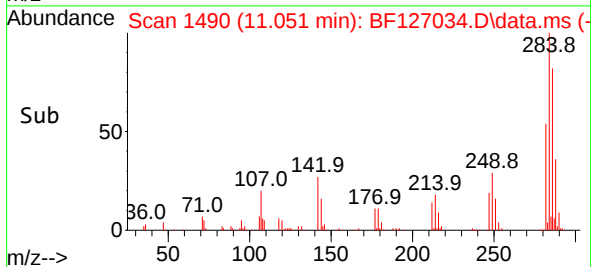
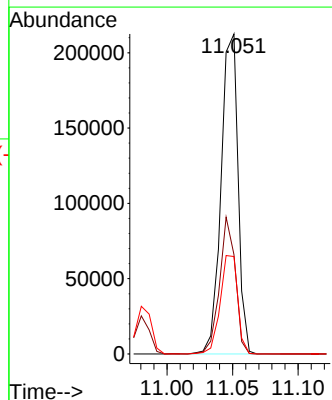
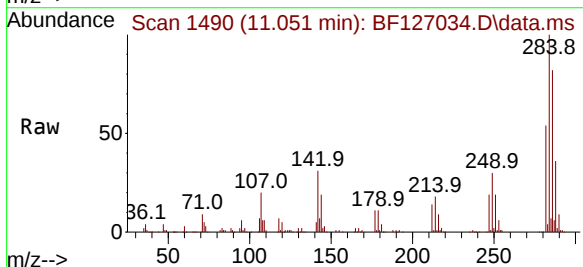
Instrument :
BNA_F
ClientSampleId :
PB142871BS

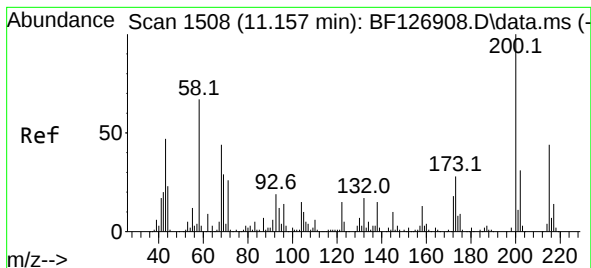
Tgt Ion:248 Resp: 172108
Ion Ratio Lower Upper
248 100
250 100.3 76.2 114.4
141 103.7 66.2 99.4#



#68
Hexachlorobenzene
Concen: 40.667 ng
RT: 11.051 min Scan# 1490
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion:284 Resp: 190967
Ion Ratio Lower Upper
284 100
142 31.0 30.7 46.1
249 30.4 21.1 31.7





#69

Atrazine

Concen: 41.532 ng

RT: 11.139 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB142871BS

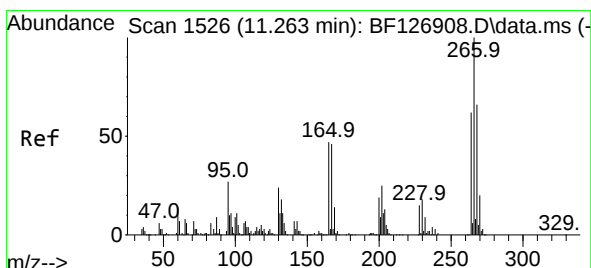
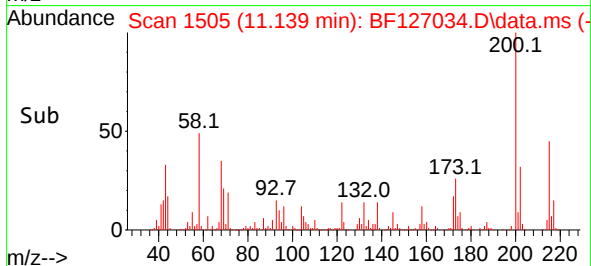
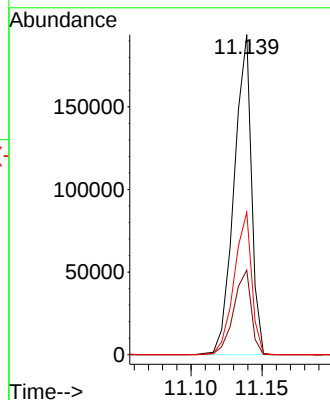
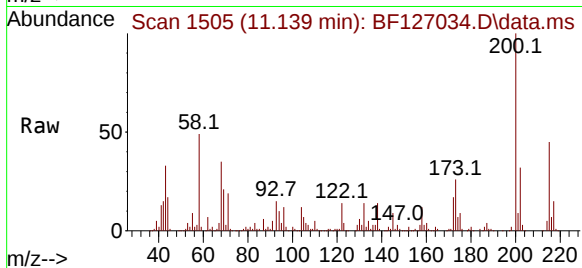
Tgt Ion:200 Resp: 164903

Ion Ratio Lower Upper

200 100

173 26.4 9.2 49.2

215 44.5 23.2 63.2



#70

Pentachlorophenol

Concen: 83.453 ng

RT: 11.245 min Scan# 1523

Delta R.T. 0.006 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

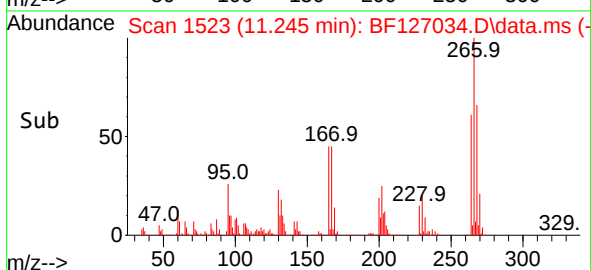
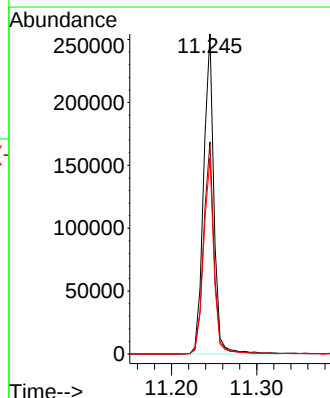
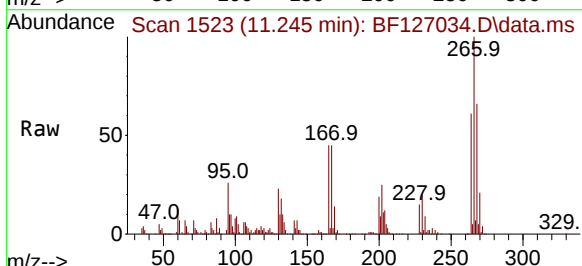
Tgt Ion:266 Resp: 213924

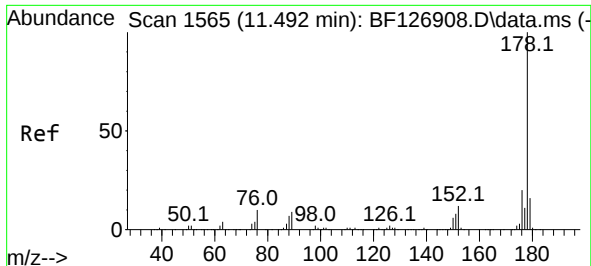
Ion Ratio Lower Upper

266 100

268 66.3 52.3 78.5

264 61.2 50.4 75.6

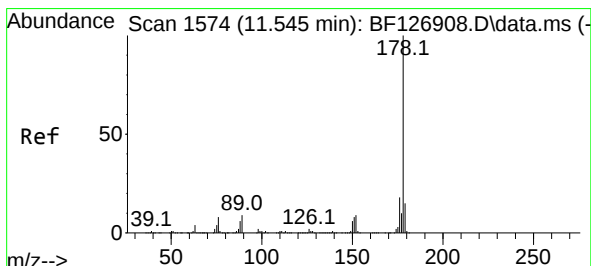
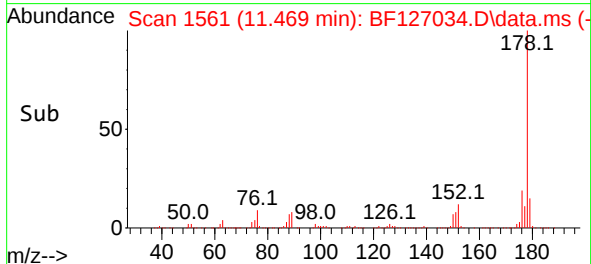
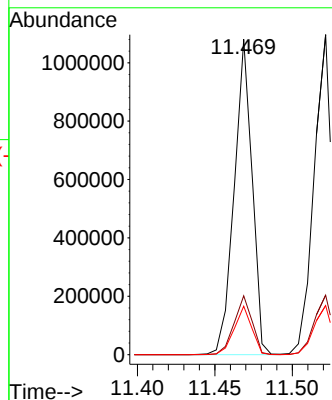
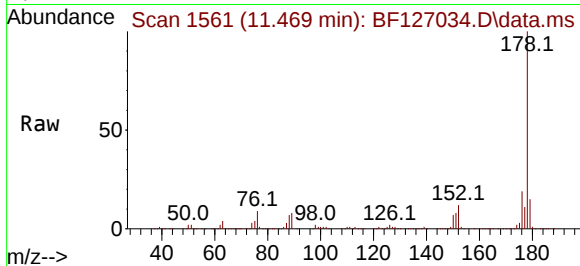




#71
Phenanthrene
Concen: 39.708 ng
RT: 11.469 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

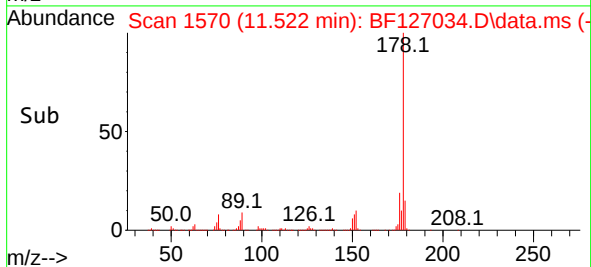
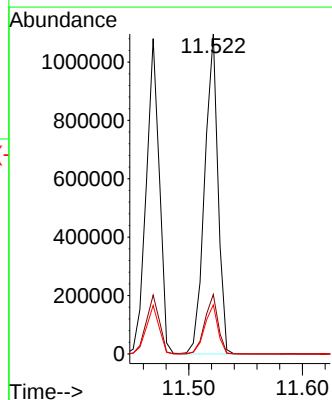
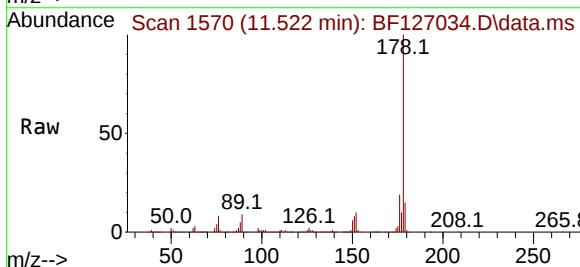
Instrument :
BNA_F
ClientSampleId :
PB142871BS

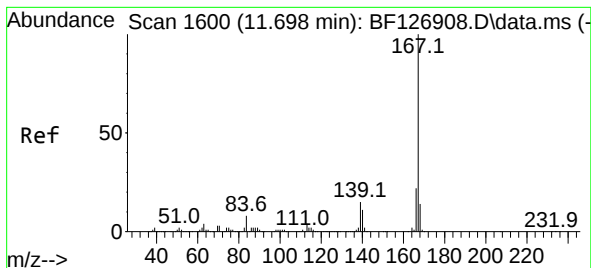
Tgt Ion:178 Resp: 867703
Ion Ratio Lower Upper
178 100
176 18.7 15.7 23.5
179 15.4 12.3 18.5



#72
Anthracene
Concen: 41.024 ng
RT: 11.522 min Scan# 1570
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion:178 Resp: 892438
Ion Ratio Lower Upper
178 100
176 18.6 15.0 22.6
179 15.3 12.5 18.7





#73

Carbazole

Concen: 37.734 ng

RT: 11.674 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB142871BS

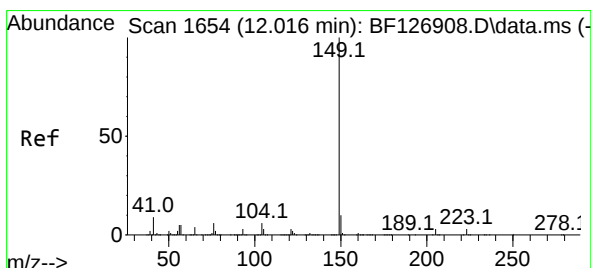
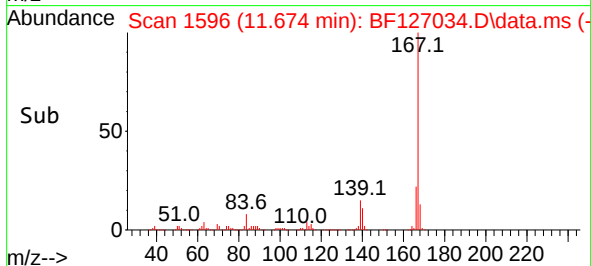
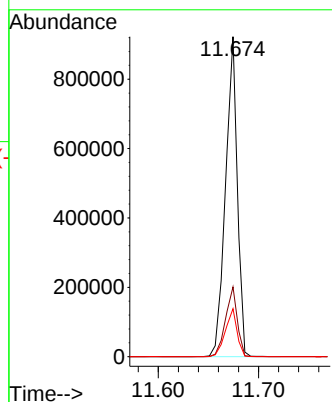
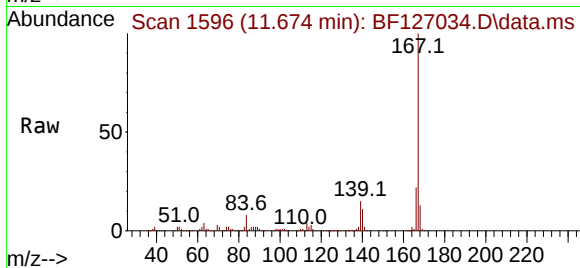
Tgt Ion:167 Resp: 752777

Ion Ratio Lower Upper

167 100

166 21.8 16.9 25.3

139 15.0 11.3 16.9



#74

Di-n-butylphthalate

Concen: 38.126 ng

RT: 11.992 min Scan# 1650

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

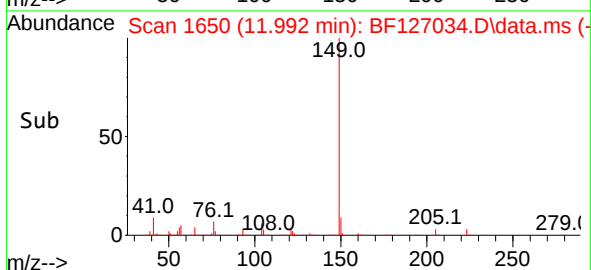
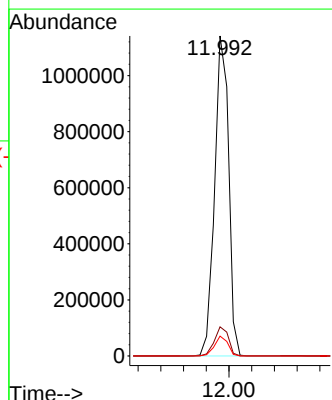
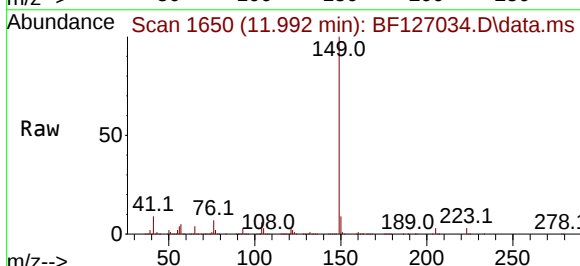
Tgt Ion:149 Resp: 977799

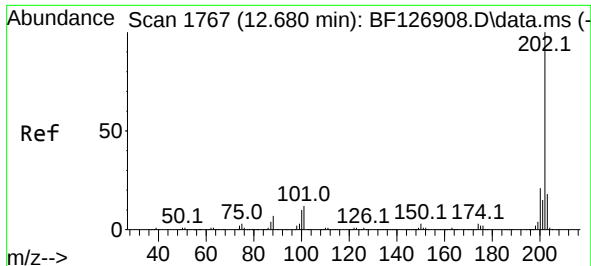
Ion Ratio Lower Upper

149 100

150 9.1 7.2 10.8

104 6.2 4.2 6.2

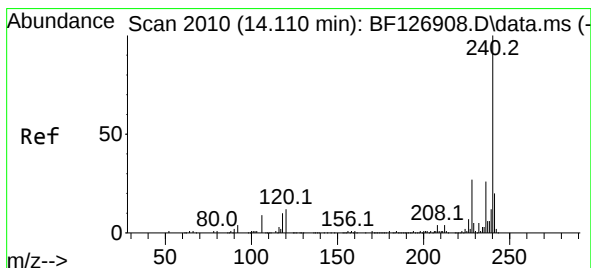
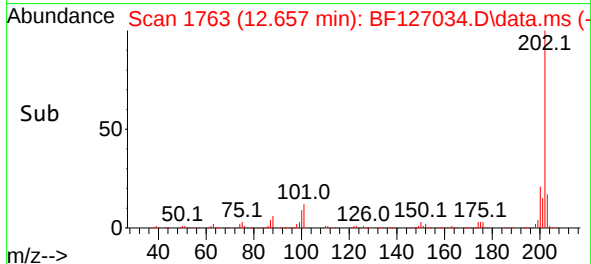
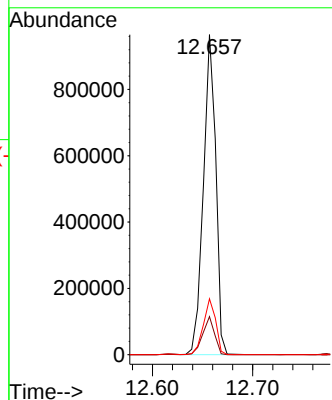
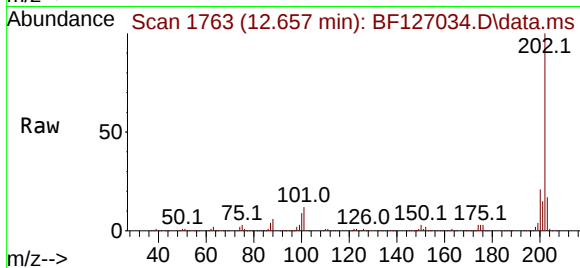




#75
Fluoranthene
Concen: 40.052 ng
RT: 12.657 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

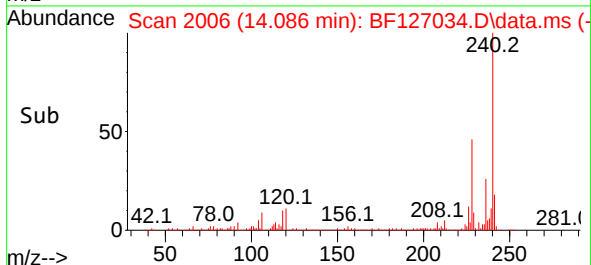
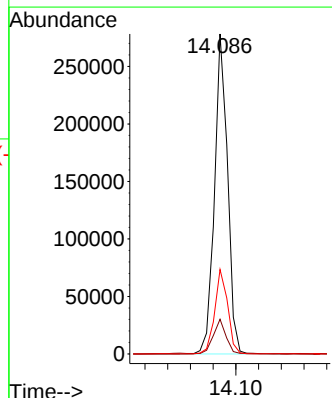
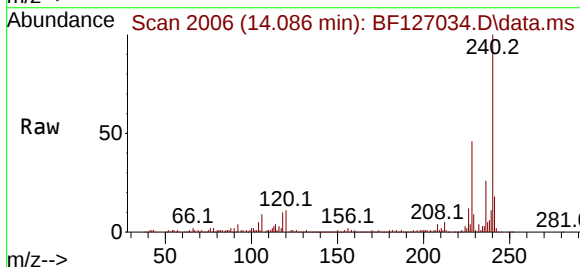
Instrument :
BNA_F
ClientSampleId :
PB142871BS

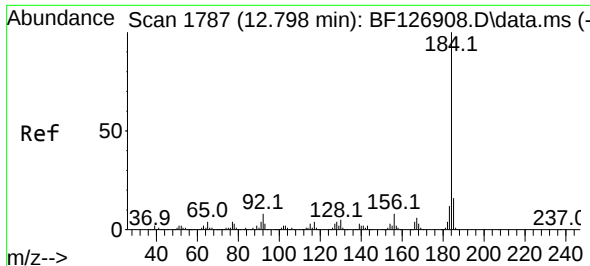
Tgt Ion:202 Resp: 831027
Ion Ratio Lower Upper
202 100
101 11.9 0.0 35.7
203 17.4 0.0 37.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.086 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion:240 Resp: 221797
Ion Ratio Lower Upper
240 100
120 10.8 14.4 21.6#
236 26.4 20.5 30.7

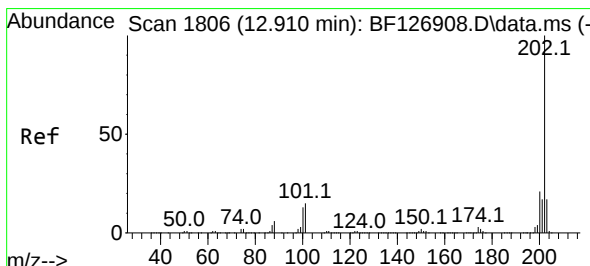
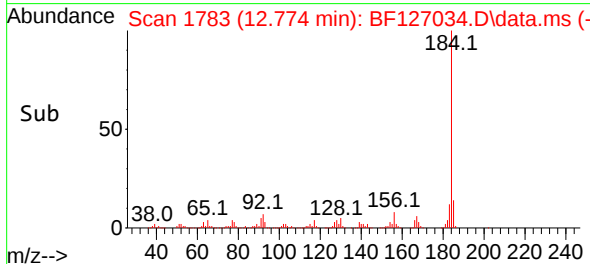
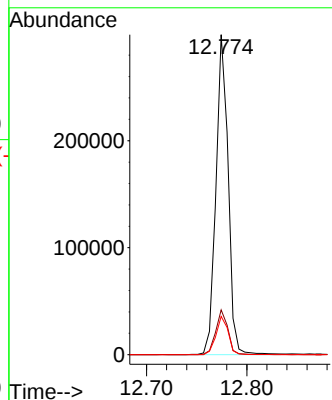
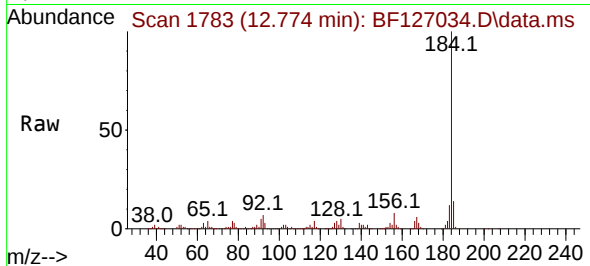




#77
Benzidine
Concen: 41.938 ng
RT: 12.774 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

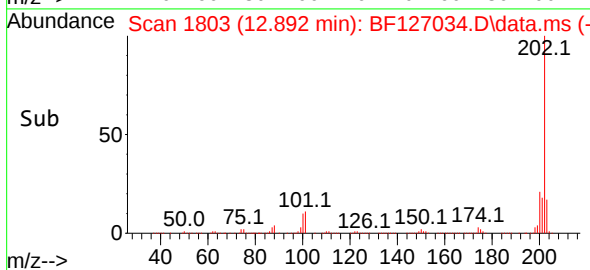
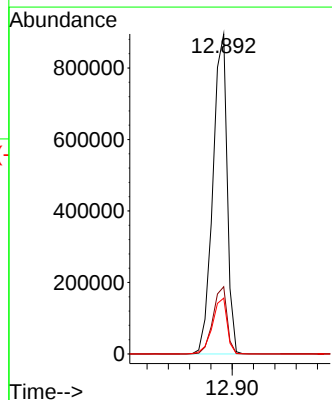
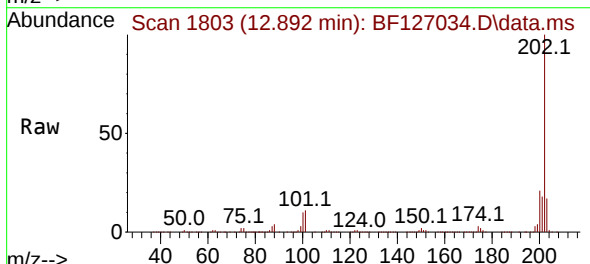
Instrument :
BNA_F
ClientSampleId :
PB142871BS

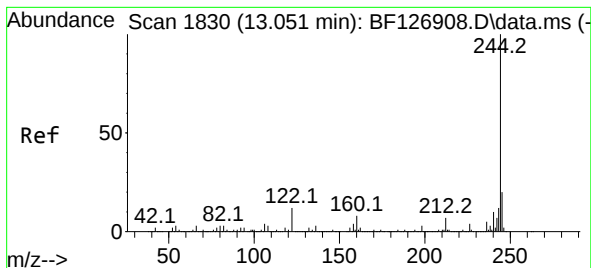
Tgt Ion:184 Resp: 252778
Ion Ratio Lower Upper
184 100
185 14.0 11.8 17.8
183 12.0 8.2 12.2



#78
Pyrene
Concen: 43.371 ng
RT: 12.892 min Scan# 1803
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion:202 Resp: 835734
Ion Ratio Lower Upper
202 100
200 21.0 16.6 24.8
203 17.5 13.8 20.8





#79

Terphenyl-d14

Concen: 80.883 ng

RT: 13.027 min Scan# 1826

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB142871BS

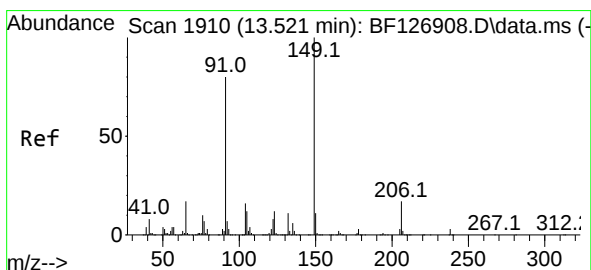
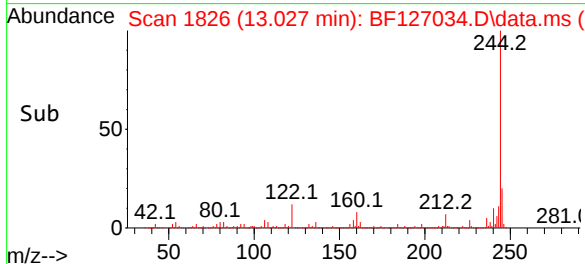
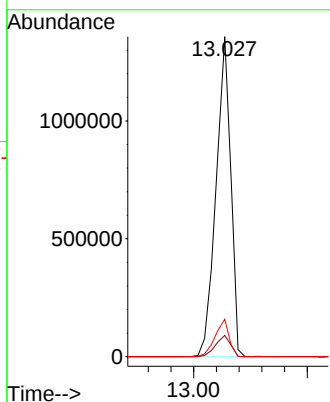
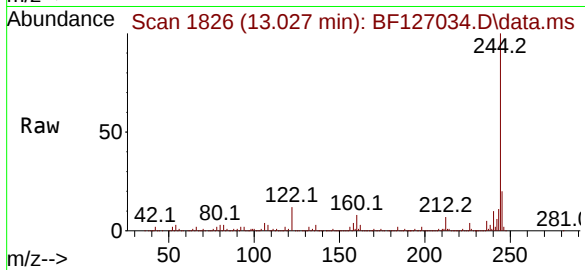
Tgt Ion:244 Resp: 1220356

Ion Ratio Lower Upper

244 100

212 6.7 5.0 7.4

122 11.7 13.3 19.9#



#80

Butylbenzylphthalate

Concen: 40.133 ng

RT: 13.498 min Scan# 1906

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

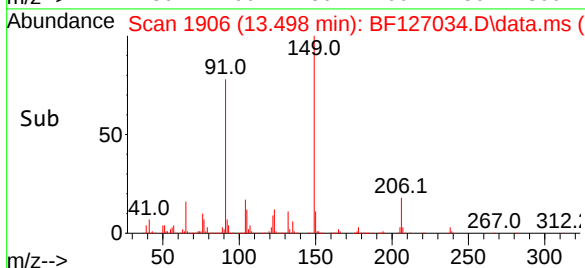
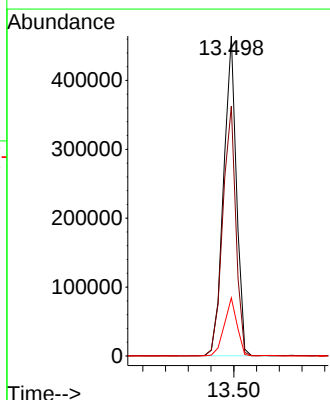
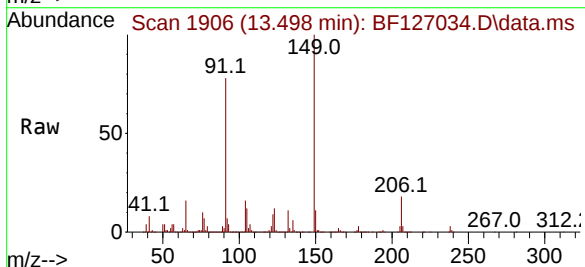
Tgt Ion:149 Resp: 366111

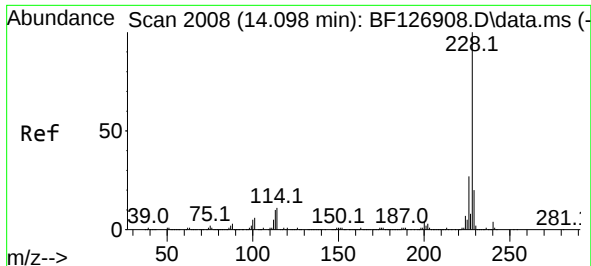
Ion Ratio Lower Upper

149 100

91 78.0 70.5 105.7

206 18.1 12.6 19.0

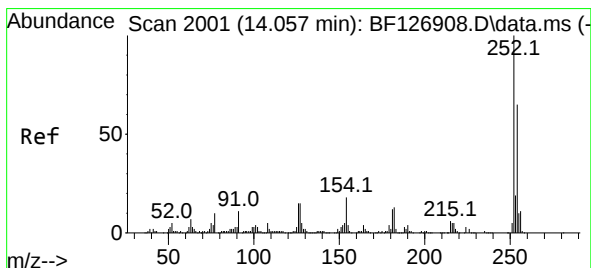
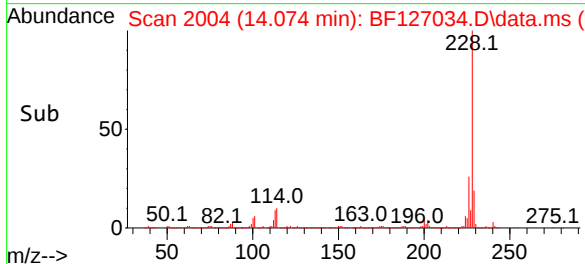
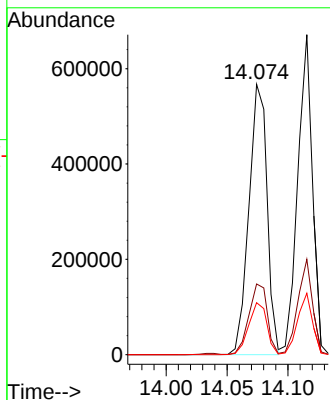
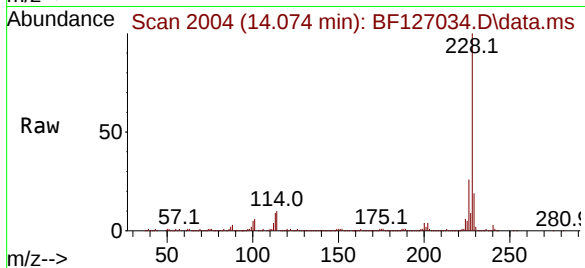




#81
Benzo(a)anthracene
Concen: 39.433 ng
RT: 14.074 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

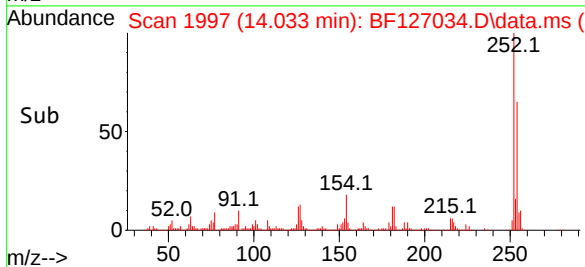
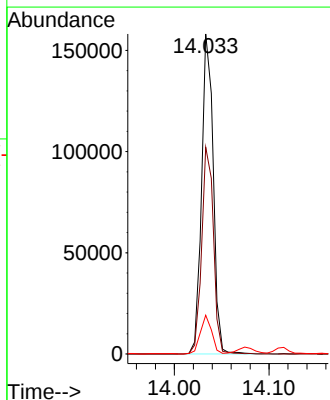
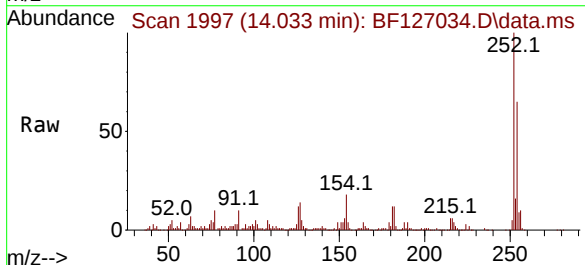
Instrument :
BNA_F
ClientSampleId :
PB142871BS

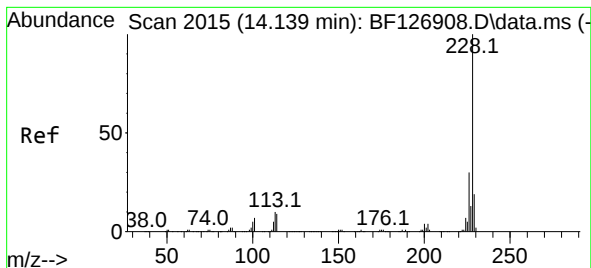
Tgt Ion:228 Resp: 589626
Ion Ratio Lower Upper
228 100
226 26.2 21.4 32.0
229 19.2 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 28.544 ng
RT: 14.033 min Scan# 1997
Delta R.T. -0.006 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion:252 Resp: 134507
Ion Ratio Lower Upper
252 100
254 64.6 51.0 76.4
126 12.1 13.4 20.0#





#83

Chrysene

Concen: 40.273 ng

RT: 14.115 min Scan# 2015

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB142871BS

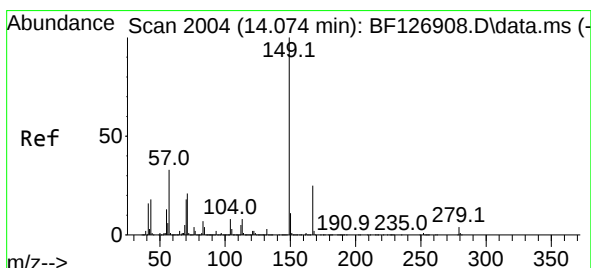
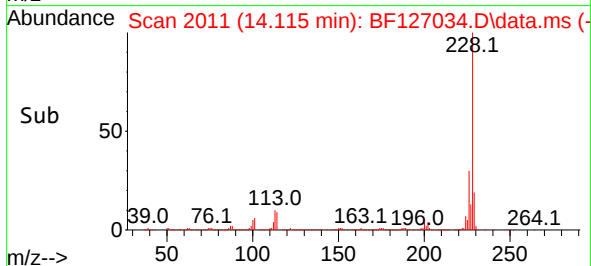
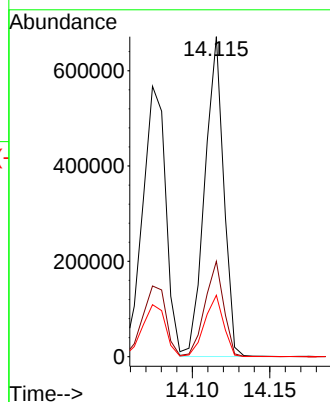
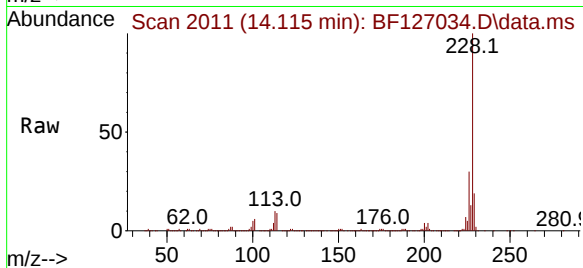
Tgt Ion:228 Resp: 566287

Ion Ratio Lower Upper

228 100

226 29.8 23.7 35.5

229 19.2 15.5 23.3



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.877 ng

RT: 14.051 min Scan# 2000

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

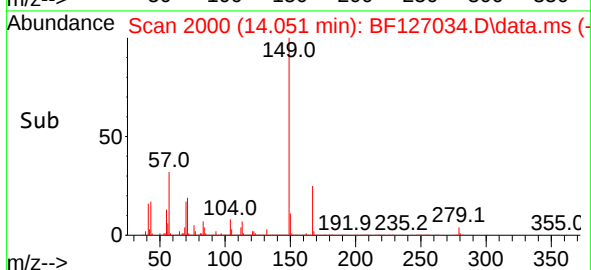
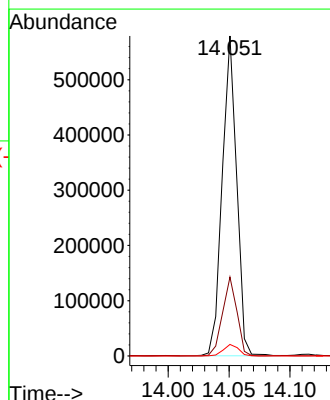
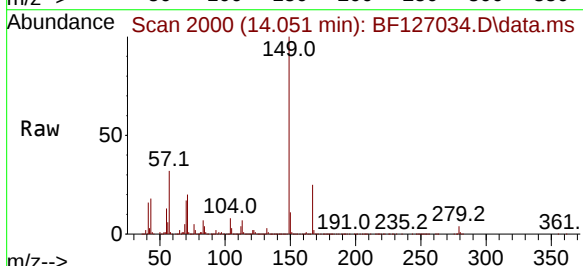
Tgt Ion:149 Resp: 477595

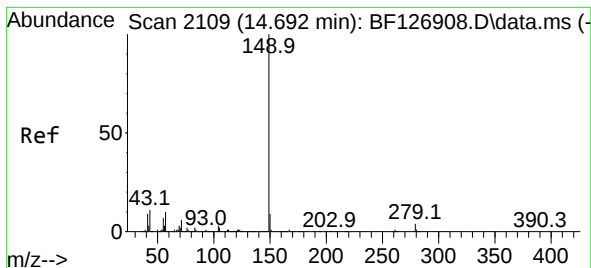
Ion Ratio Lower Upper

149 100

167 24.7 21.4 32.2

279 3.6 2.4 3.6





#85

Di-n-octyl phthalate

Concen: 38.374 ng

RT: 14.668 min Scan# 2105

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB142871BS

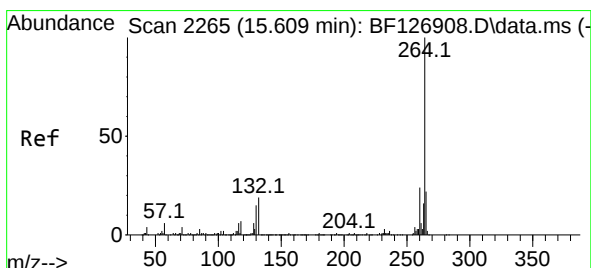
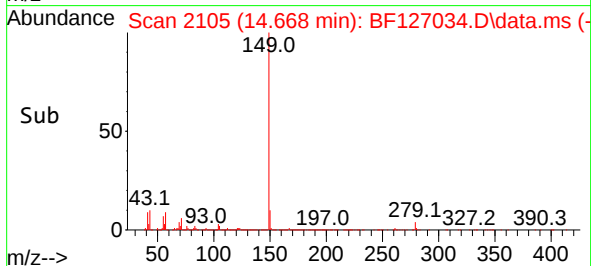
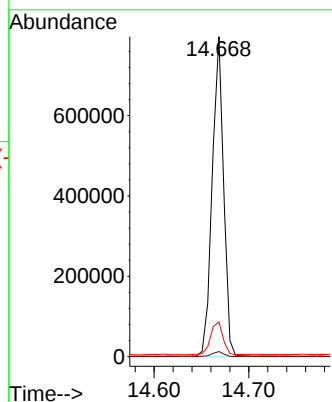
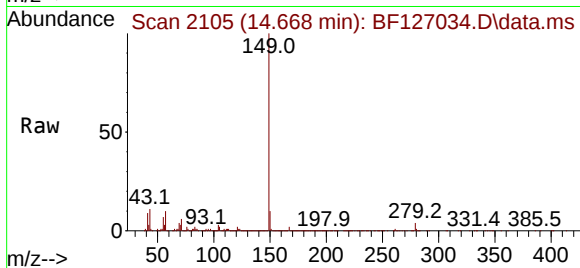
Tgt Ion:149 Resp: 661714

Ion Ratio Lower Upper

149 100

167 1.5 1.1 1.7

43 11.2 9.9 14.9



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.586 min Scan# 2261

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

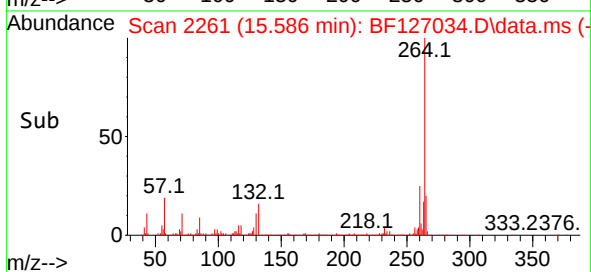
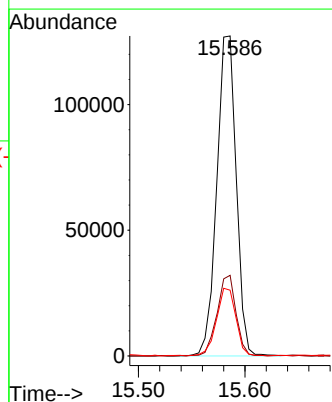
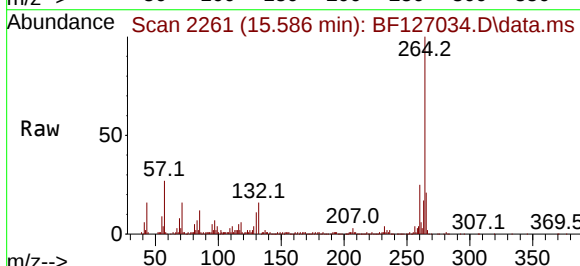
Tgt Ion:264 Resp: 161160

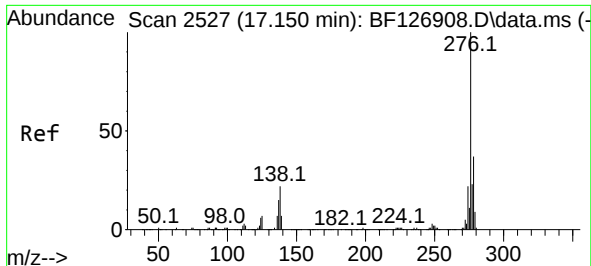
Ion Ratio Lower Upper

264 100

260 25.2 19.2 28.8

265 20.5 17.4 26.2

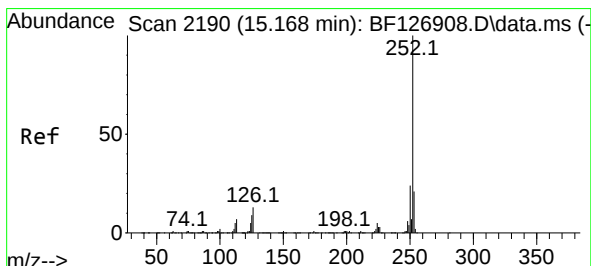
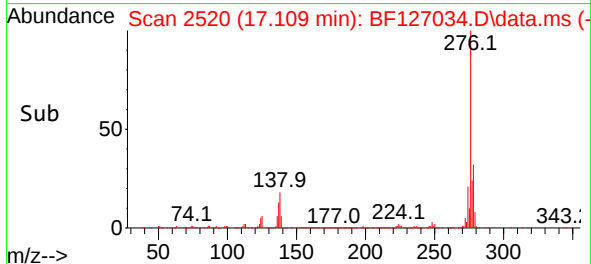
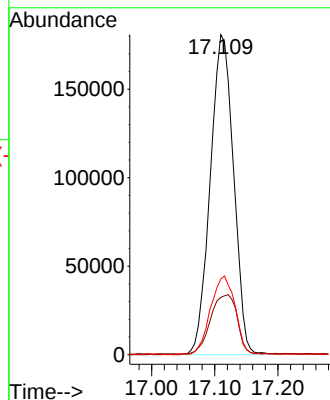
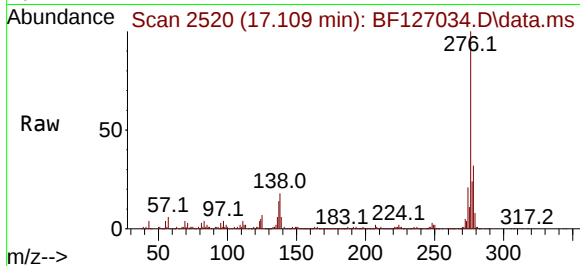




#87
 Indeno(1,2,3-cd)pyrene
 Concen: 43.970 ng
 RT: 17.109 min Scan# 2185
 Delta R.T. -0.006 min
 Lab File: BF127034.D
 Acq: 23 Feb 2022 12:32

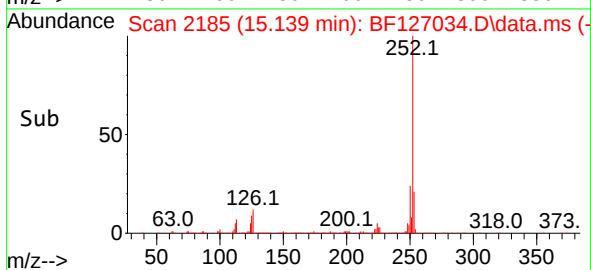
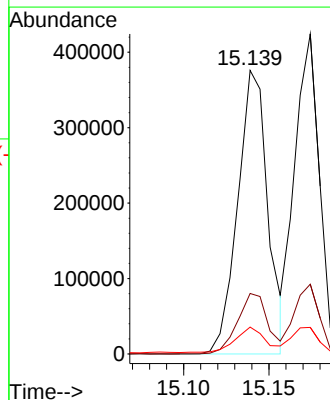
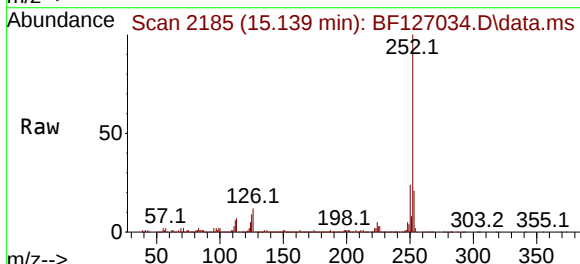
Instrument :
 BNA_F
 ClientSampleId :
 PB142871BS

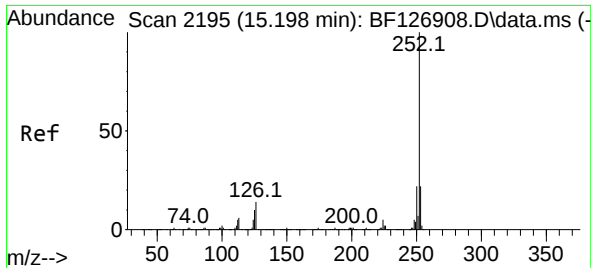
Tgt Ion:276 Resp: 464650
 Ion Ratio Lower Upper
 276 100
 138 20.9 29.2 43.8#
 277 26.1 19.8 29.8



#88
 Benzo(b)fluoranthene
 Concen: 42.715 ng
 RT: 15.139 min Scan# 2185
 Delta R.T. -0.006 min
 Lab File: BF127034.D
 Acq: 23 Feb 2022 12:32

Tgt Ion:252 Resp: 462348
 Ion Ratio Lower Upper
 252 100
 253 21.3 17.8 26.8
 125 9.5 12.4 18.6#

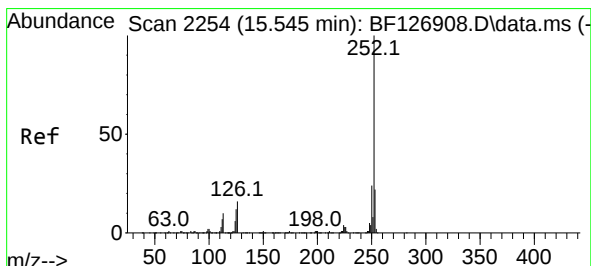
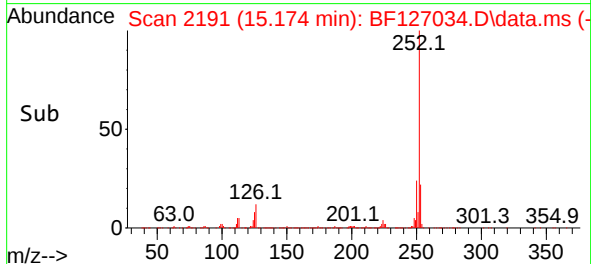
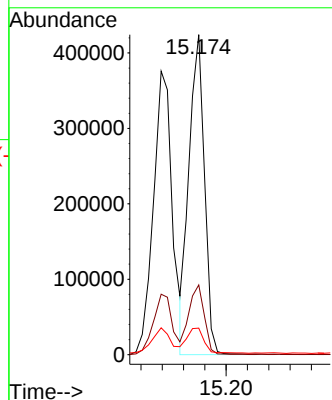
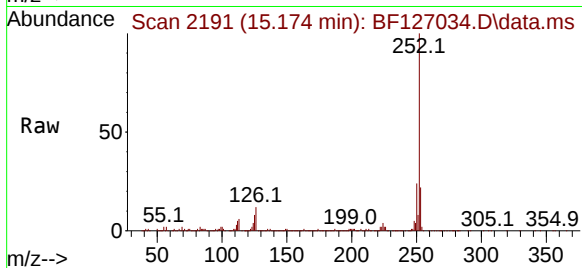




#89
Benzo(k)fluoranthene
Concen: 40.962 ng
RT: 15.174 min Scan# 2195
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

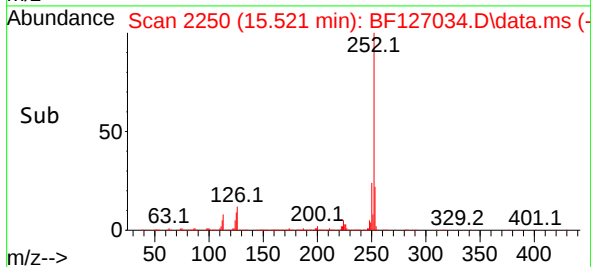
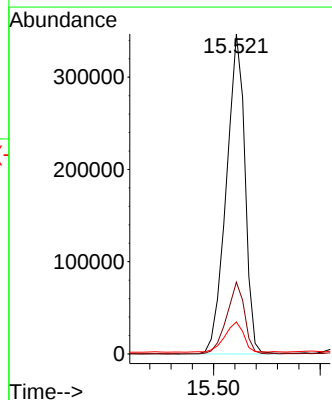
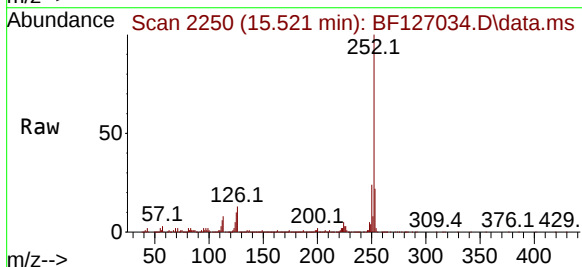
Instrument :
BNA_F
ClientSampleId :
PB142871BS

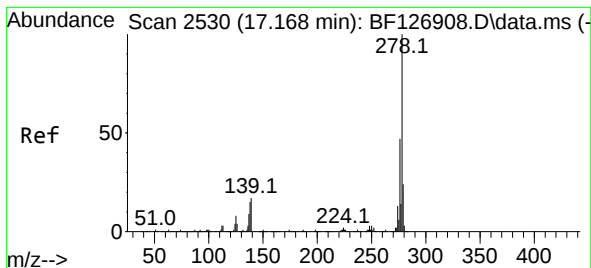
Tgt Ion:252 Resp: 427647
Ion Ratio Lower Upper
252 100
253 21.8 17.5 26.3
125 8.3 11.8 17.6#



#90
Benzo(a)pyrene
Concen: 49.838 ng
RT: 15.521 min Scan# 2250
Delta R.T. 0.000 min
Lab File: BF127034.D
Acq: 23 Feb 2022 12:32

Tgt Ion:252 Resp: 421370
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 10.0 13.0 19.6#





#91

Dibenzo(a,h)anthracene

Concen: 45.005 ng

RT: 17.133 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

Instrument :

BNA_F

ClientSampleId :

PB142871BS

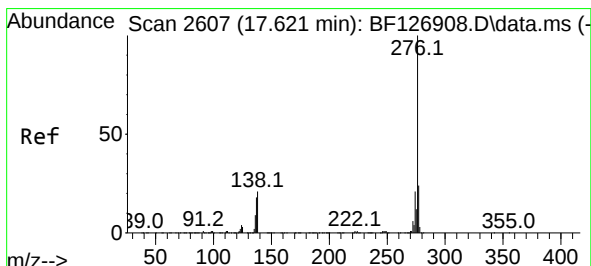
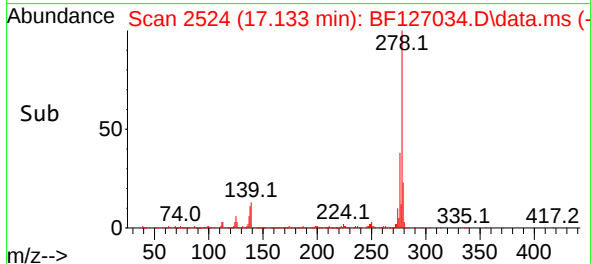
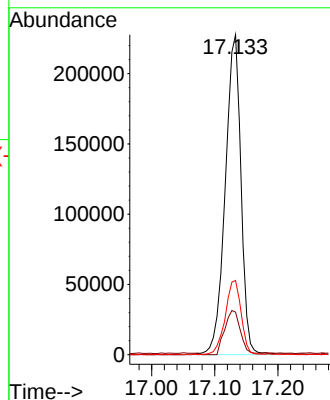
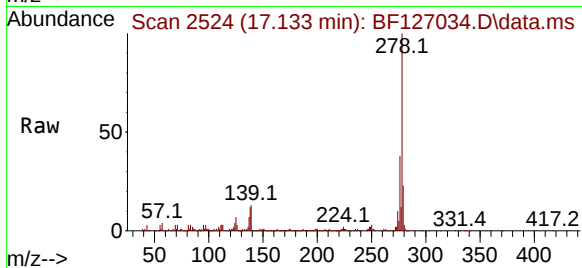
Tgt Ion:278 Resp: 393336

Ion Ratio Lower Upper

278 100

139 13.3 18.0 27.0#

279 23.2 18.6 27.8



#92

Benzo(g,h,i)perylene

Concen: 45.515 ng

RT: 17.580 min Scan# 2600

Delta R.T. 0.000 min

Lab File: BF127034.D

Acq: 23 Feb 2022 12:32

Tgt Ion:276 Resp: 392174

Ion Ratio Lower Upper

276 100

277 23.5 18.5 27.7

138 17.4 25.9 38.9#

