

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042722\
 Data File : BF127940.D
 Acq On : 27 Apr 2022 12:34
 Operator : CG\JU
 Sample : PB144392BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144392BS

Quant Time: Apr 27 17:29:46 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.934	152	147402	20.000	ng	-0.01
21) Naphthalene-d8	8.216	136	571719	20.000	ng	-0.01
39) Acenaphthene-d10	9.980	164	323042	20.000	ng	0.00
64) Phenanthrene-d10	11.469	188	555116	20.000	ng	0.00
76) Chrysene-d12	14.115	240	347596	20.000	ng	#-0.01
86) Perylene-d12	15.627	264	300320	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.569	112	826297	89.287	ng	0.00
7) Phenol-d6	6.563	99	1076177	89.620	ng	0.00
23) Nitrobenzene-d5	7.504	82	1101383	90.589	ng	0.00
42) 2,4,6-Tribromophenol	10.775	330	289509	89.026	ng	0.00
45) 2-Fluorobiphenyl	9.292	172	1699313	88.992	ng	-0.01
79) Terphenyl-d14	13.057	244	1789468	94.137	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	2.916	88	161607	36.600	ng	96
3) Pyridine	3.657	79	445975	39.420	ng	97
4) n-Nitrosodimethylamine	3.628	42	272039	49.676	ng	94
6) Aniline	6.598	93	566711	39.722	ng	99
8) 2-Chlorophenol	6.722	128	472816	49.226	ng	98
9) Benzaldehyde	6.487	77	317540	42.745	ng	92
10) Phenol	6.575	94	614290	50.721	ng	97
11) bis(2-Chloroethyl)ether	6.669	93	472103	46.991	ng	97
12) 1,3-Dichlorobenzene	6.875	146	496703	44.925	ng	97
13) 1,4-Dichlorobenzene	6.951	146	501737	45.464	ng	98
14) 1,2-Dichlorobenzene	7.104	146	476789	46.669	ng	100
15) Benzyl Alcohol	7.081	79	404834	49.576	ng	99
16) 2,2'-oxybis(1-Chloropr...	7.204	45	709998	46.239	ng	97
17) 2-Methylphenol	7.187	107	430145	51.904	ng	96
18) Hexachloroethane	7.445	117	191284	47.147	ng	98
19) n-Nitroso-di-n-propyla...	7.351	70	353587	48.102	ng	99
20) 3+4-Methylphenols	7.339	107	461093	46.058	ng	# 89
22) Acetophenone	7.345	105	636511	45.678	ng	# 93
24) Nitrobenzene	7.522	77	559668	47.772	ng	98
25) Isophorone	7.757	82	1021381	49.914	ng	99
26) 2-Nitrophenol	7.834	139	244884	49.052	ng	98
27) 2,4-Dimethylphenol	7.869	122	442495	53.363	ng	99
28) bis(2-Chloroethoxy)met...	7.963	93	590267	45.010	ng	99
29) 2,4-Dichlorophenol	8.075	162	391528	45.070	ng	99
30) 1,2,4-Trichlorobenzene	8.157	180	436110	44.195	ng	99
31) Naphthalene	8.239	128	1311974	45.056	ng	100
32) Benzoic acid	7.998	122	267330	44.978	ng	98
33) 4-Chloroaniline	8.286	127	278065	24.135	ng	99
34) Hexachlorobutadiene	8.351	225	279334	44.941	ng	97
35) Caprolactam	8.669	113	67595	24.105	ng	93
36) 4-Chloro-3-methylphenol	8.769	107	432102	46.574	ng	98
37) 2-Methylnaphthalene	8.933	142	875626	45.501	ng	99
38) 1-Methylnaphthalene	9.033	142	830073	44.377	ng	99
40) 1,2,4,5-Tetrachloroben...	9.098	216	409925	43.052	ng	98
41) Hexachlorocyclopentadiene	9.081	237	554718	107.529	ng	99
43) 2,4,6-Trichlorophenol	9.210	196	282939	45.160	ng	99

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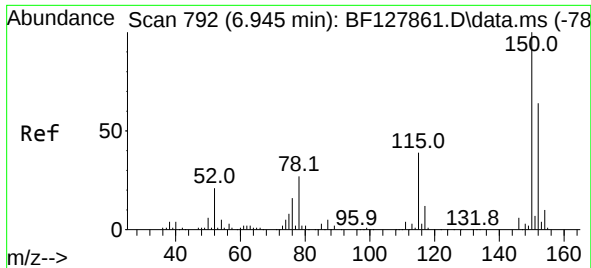
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.251	196	295188	43.341	ng	97
46) 1,1'-Biphenyl	9.398	154	1057952	44.212	ng	99
47) 2-Chloronaphthalene	9.422	162	781811	42.918	ng	96
48) 2-Nitroaniline	9.522	65	287260	46.618	ng	96
49) Acenaphthylene	9.845	152	1278926	45.897	ng	100
50) Dimethylphthalate	9.698	163	941122	43.440	ng	100
51) 2,6-Dinitrotoluene	9.763	165	220624	47.034	ng	97
52) Acenaphthene	10.016	154	763848	40.774	ng	100
53) 3-Nitroaniline	9.933	138	144327	27.708	ng	99
54) 2,4-Dinitrophenol	10.039	184	231062	93.535	ng #	80
55) Dibenzofuran	10.186	168	1138318	42.115	ng	98
56) 4-Nitrophenol	10.098	139	333268	83.789	ng	92
57) 2,4-Dinitrotoluene	10.169	165	286988	46.189	ng #	81
58) Fluorene	10.533	166	865673	42.922	ng	99
59) 2,3,4,6-Tetrachlorophenol	10.304	232	253094	44.191	ng	99
60) Diethylphthalate	10.398	149	910887	42.876	ng	100
61) 4-Chlorophenyl-phenyle...	10.516	204	420474	41.954	ng	95
62) 4-Nitroaniline	10.557	138	215421	42.303	ng	99
63) Azobenzene	10.680	77	1003729	42.937	ng	99
65) 4,6-Dinitro-2-methylph...	10.575	198	153285	46.472	ng	87
66) n-Nitrosodiphenylamine	10.639	169	774453	44.836	ng	100
67) 4-Bromophenyl-phenylether	11.010	248	269785	43.841	ng	99
68) Hexachlorobenzene	11.075	284	300137	46.292	ng	98
69) Atrazine	11.169	200	269882	50.529	ng	99
70) Pentachlorophenol	11.275	266	332565	87.189	ng	97
71) Phenanthrene	11.498	178	1258821	43.321	ng	99
72) Anthracene	11.551	178	1290660	44.589	ng	99
73) Carbazole	11.704	167	1165187	41.767	ng	100
74) Di-n-butylphthalate	12.022	149	1381132	44.027	ng	99
75) Fluoranthene	12.686	202	1332271	43.563	ng	99
77) Benzidine	12.810	184	660839	100.477	ng	98
78) Pyrene	12.921	202	1314693	46.853	ng	99
80) Butylbenzylphthalate	13.527	149	535693	48.708	ng	99
81) Benzo(a)anthracene	14.110	228	1065557	45.992	ng	98
82) 3,3'-Dichlorobenzidine	14.068	252	199990	27.186	ng	99
83) Chrysene	14.145	228	972653	43.959	ng	100
84) Bis(2-ethylhexyl)phtha...	14.080	149	712980	48.885	ng	99
85) Di-n-octyl phthalate	14.704	149	1071326	47.399	ng	99
87) Indeno(1,2,3-cd)pyrene	17.174	276	937808	46.783	ng	98
88) Benzo(b)fluoranthene	15.180	252	968095	51.323	ng	99
89) Benzo(k)fluoranthene	15.215	252	818690	43.080	ng	99
90) Benzo(a)pyrene	15.568	252	864565	55.256	ng	97
91) Dibenzo(a,h)anthracene	17.198	278	796587	49.549	ng	98
92) Benzo(g,h,i)perylene	17.651	276	820876	48.451	ng	100

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

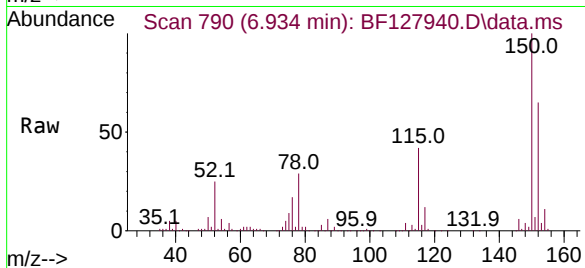
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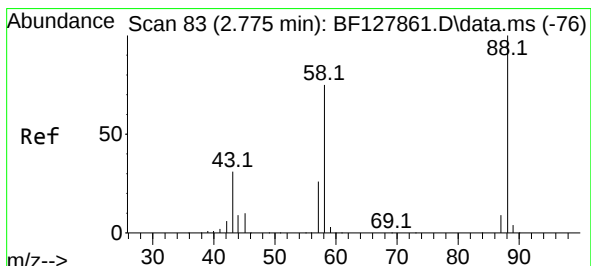
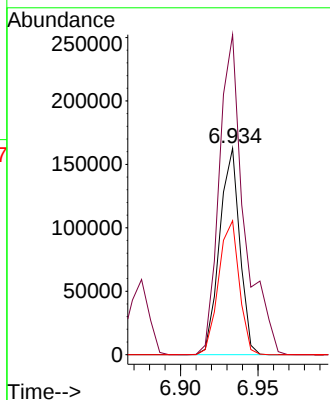
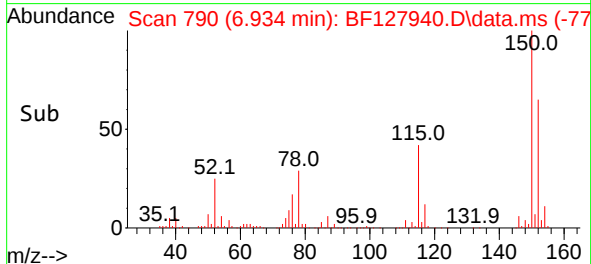


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.934 min Scan# 79
Delta R.T. -0.011 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

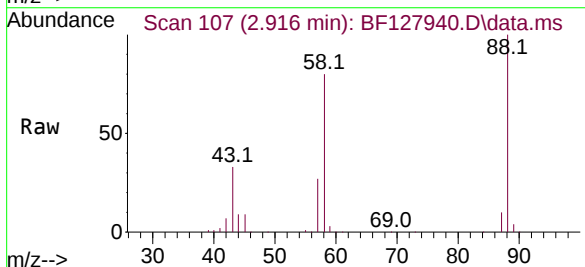
Instrument :
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PB144392BS



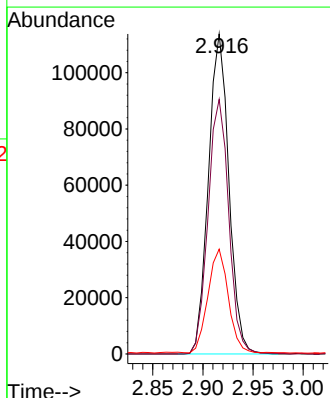
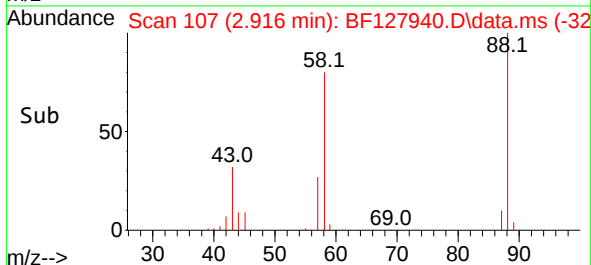
Tgt Ion:152 Resp: 147402
Ion Ratio Lower Upper
152 100
150 155.0 125.3 187.9
115 64.9 48.8 73.2

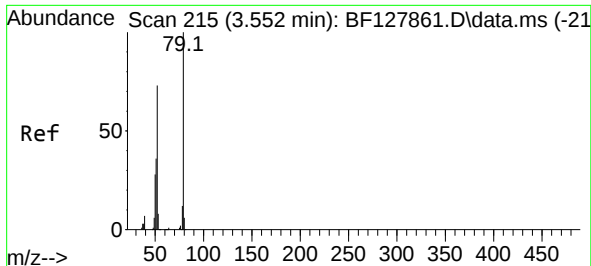


#2
1,4-Dioxane
Concen: 36.600 ng
RT: 2.916 min Scan# 107
Delta R.T. 0.141 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34



Tgt Ion: 88 Resp: 161607
Ion Ratio Lower Upper
88 100
58 80.6 61.0 91.4
43 32.1 24.9 37.3

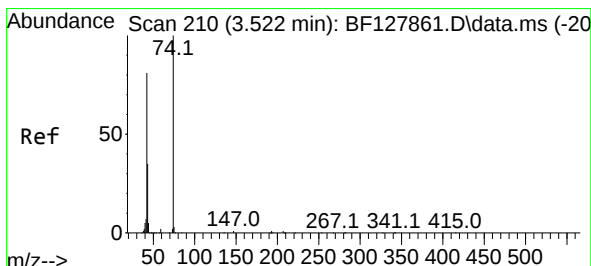
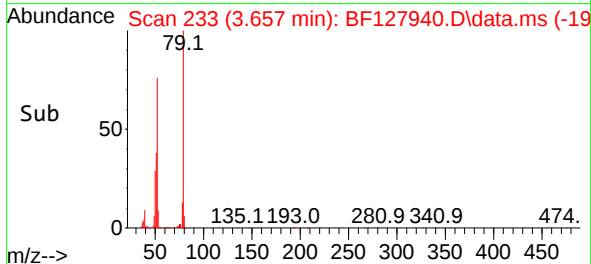
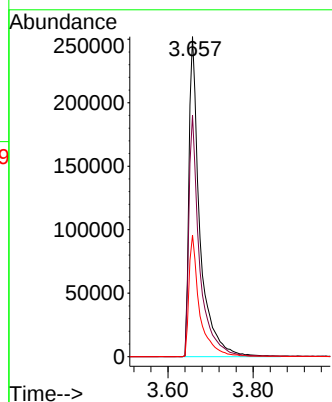
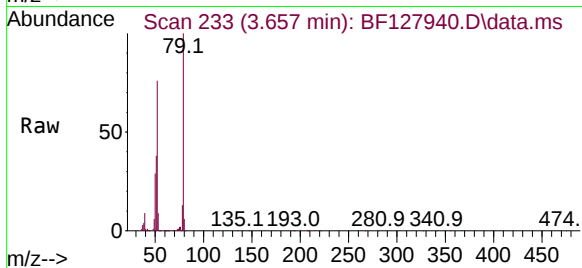




#3
 Pyridine
 Concen: 39.420 ng
 RT: 3.657 min Scan# 21
 Delta R.T. 0.106 min
 Lab File: BF127940.D
 Acq: 27 Apr 2022 12:34

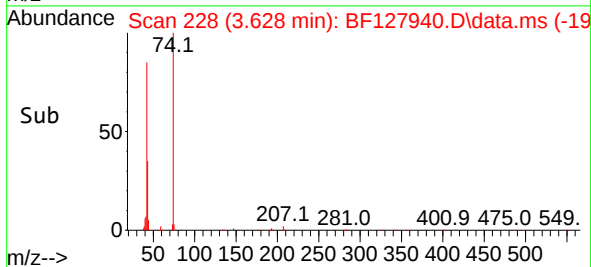
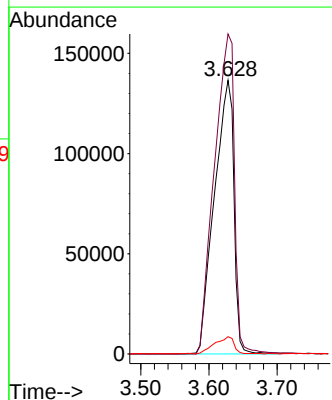
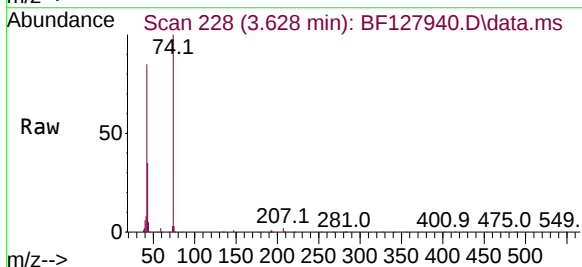
Instrument :
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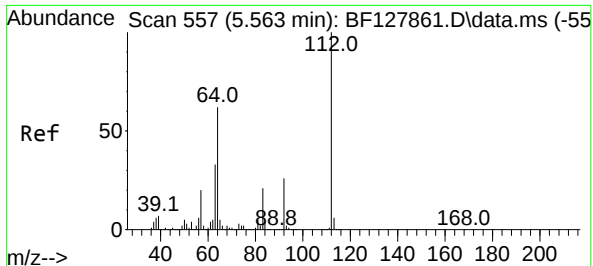
Tgt Ion: 79 Resp: 445975
 Ion Ratio Lower Upper
 79 100
 52 75.5 58.3 87.5
 51 38.0 28.6 42.8



#4
 n-Nitrosodimethylamine
 Concen: 49.676 ng
 RT: 3.628 min Scan# 228
 Delta R.T. 0.106 min
 Lab File: BF127940.D
 Acq: 27 Apr 2022 12:34

Tgt Ion: 42 Resp: 272039
 Ion Ratio Lower Upper
 42 100
 74 117.0 99.0 148.4
 44 6.3 5.2 7.8

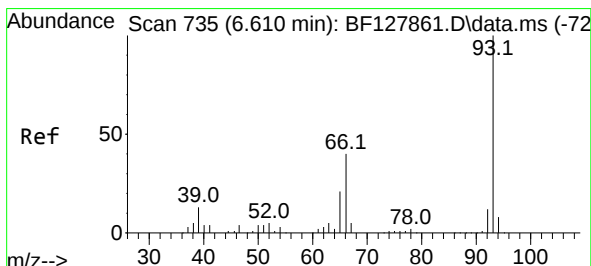
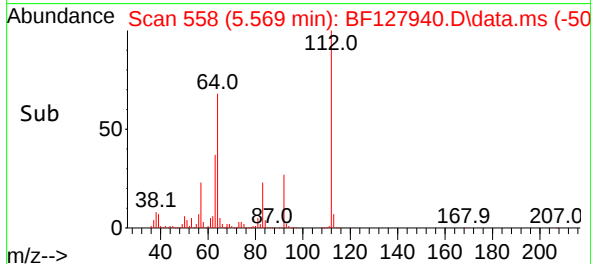
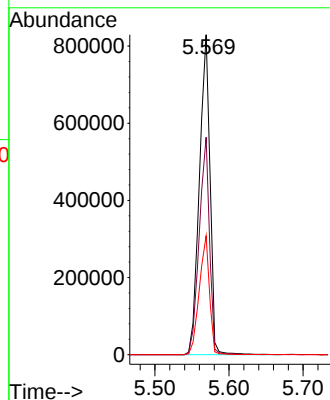
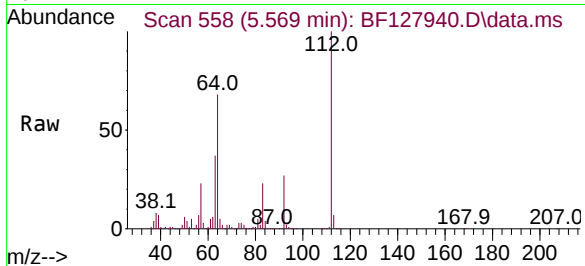




#5
2-Fluorophenol
Concen: 89.287 ng
RT: 5.569 min Scan# 51
Delta R.T. 0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

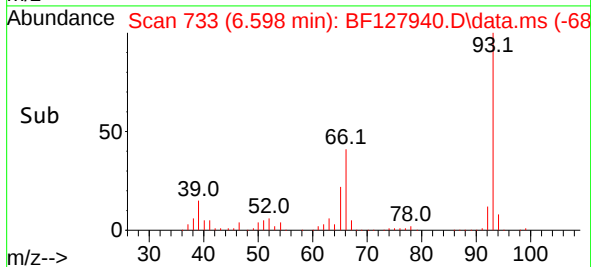
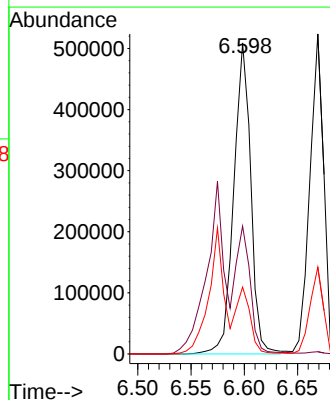
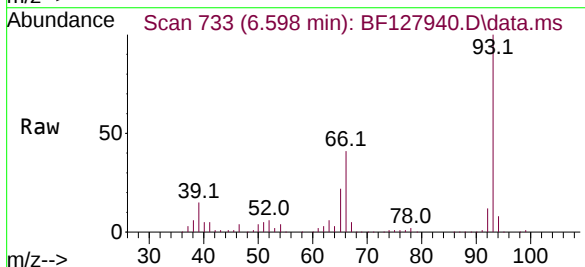
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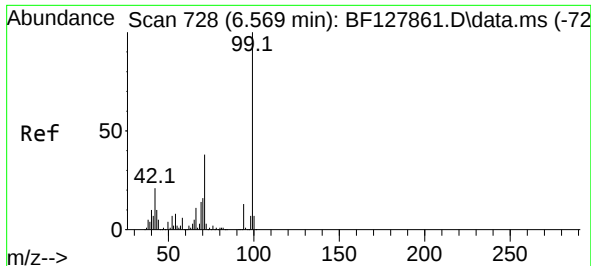
Tgt Ion:112 Resp: 826297
Ion Ratio Lower Upper
112 100
64 67.9 49.5 74.3
63 37.1 26.3 39.5



#6
Aniline
Concen: 39.722 ng
RT: 6.598 min Scan# 733
Delta R.T. -0.012 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion: 93 Resp: 566711
Ion Ratio Lower Upper
93 100
66 41.1 32.2 48.4
65 21.5 16.7 25.1





#7

Phenol-d6

Concen: 89.620 ng

RT: 6.563 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

Instrument :

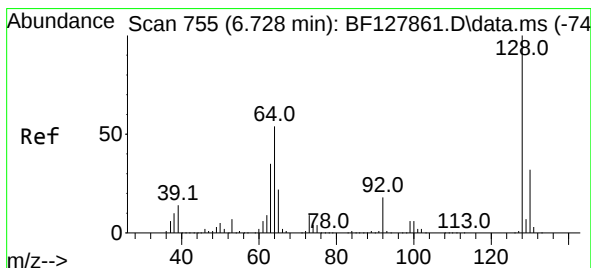
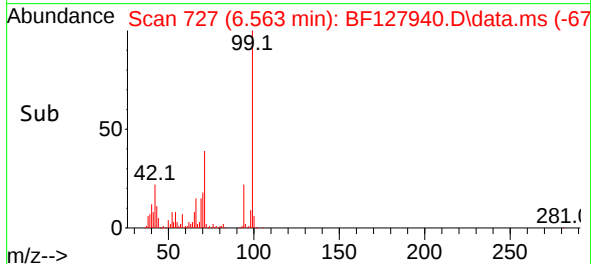
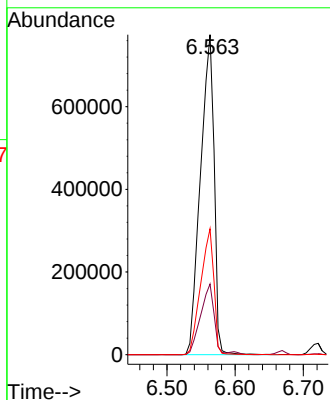
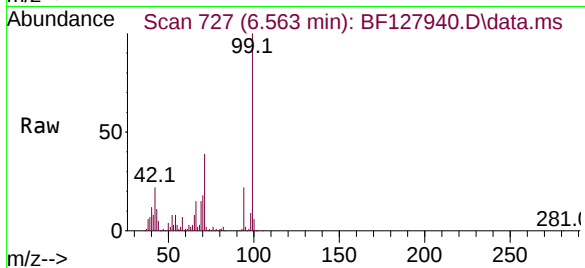
BNA_F

ClientSampleId :

PB144392BS

Tgt Ion: 99 Resp: 1076177

Ion	Ratio	Lower	Upper
99	100		
42	22.1	16.6	24.8
71	39.4	30.0	45.0



#8

2-Chlorophenol

Concen: 49.226 ng

RT: 6.722 min Scan# 754

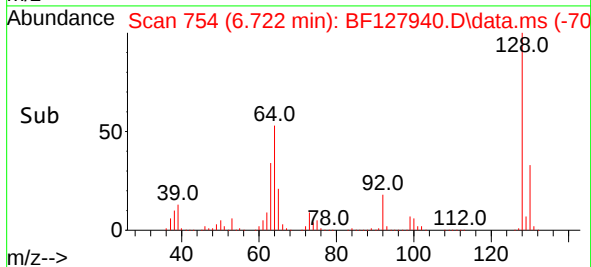
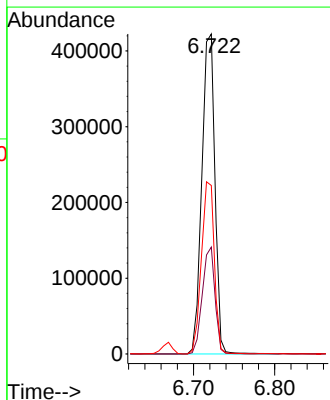
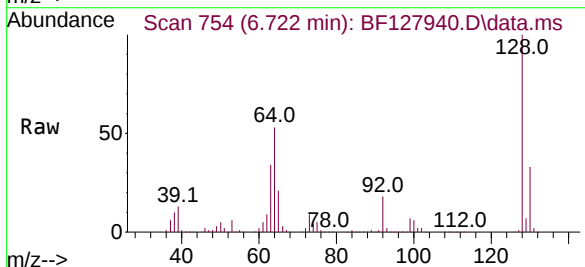
Delta R.T. -0.006 min

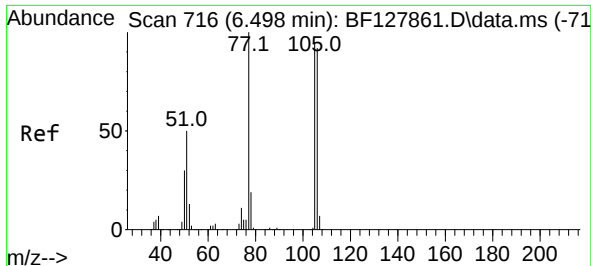
Lab File: BF127940.D

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Tgt Ion: 128 Resp: 472816

Ion	Ratio	Lower	Upper
128	100		
130	33.4	11.6	51.6
64	52.6	33.8	73.8

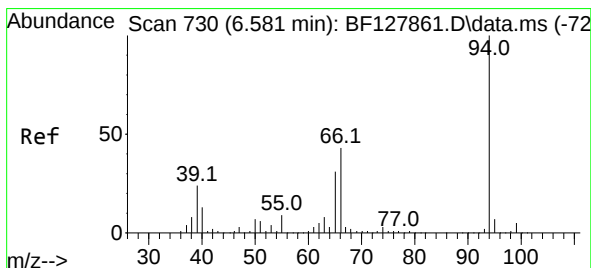
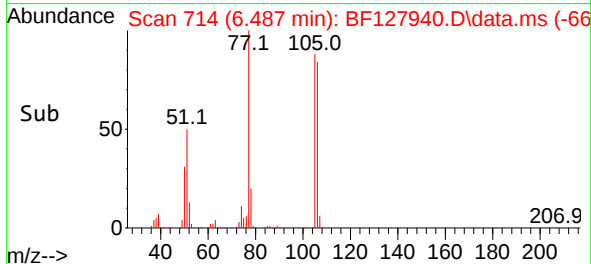
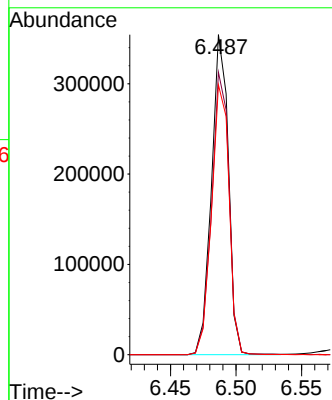
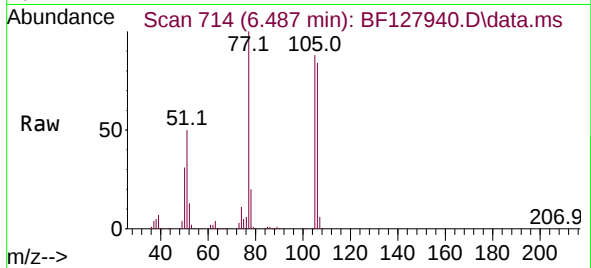




#9
Benzaldehyde
Concen: 42.745 ng
RT: 6.487 min Scan# 716
Delta R.T. -0.011 min
Lab File: BF127940.D
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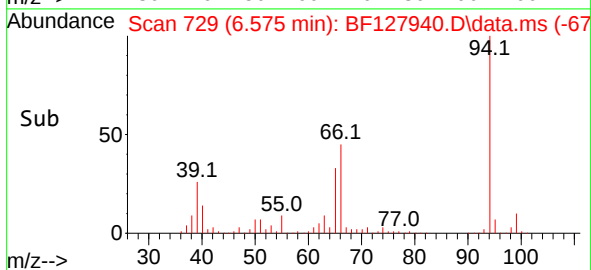
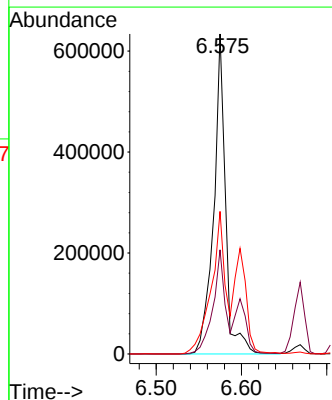
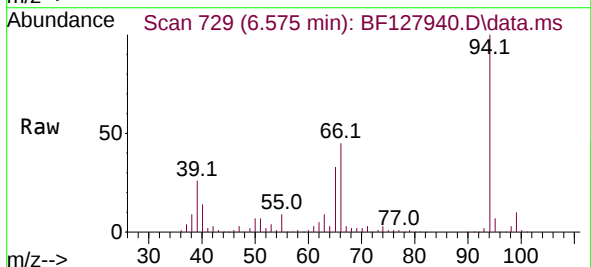
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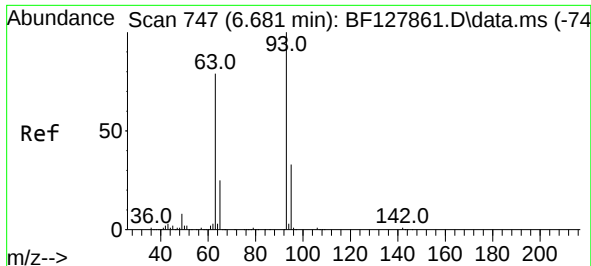
Tgt Ion: 77 Resp: 317540
Ion Ratio Lower Upper
77 100
105 88.3 74.9 114.9
106 84.3 72.2 112.2



#10
Phenol
Concen: 50.721 ng
RT: 6.575 min Scan# 729
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion: 94 Resp: 614290
Ion Ratio Lower Upper
94 100
65 32.6 10.6 50.6
66 44.6 22.6 62.6

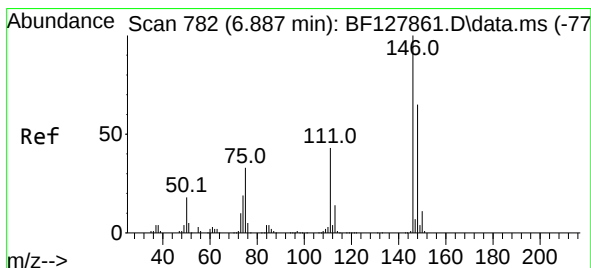
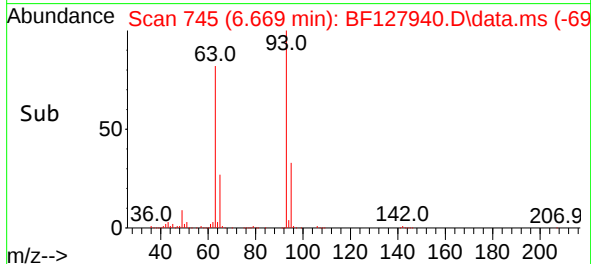
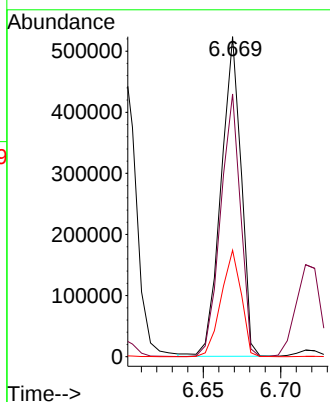
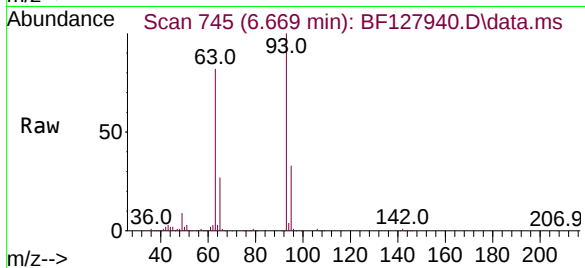




#11
bis(2-Chloroethyl)ether
Concen: 46.991 ng
RT: 6.669 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

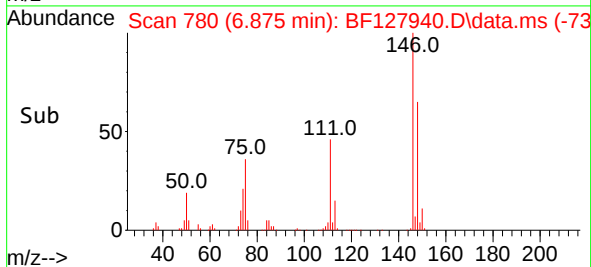
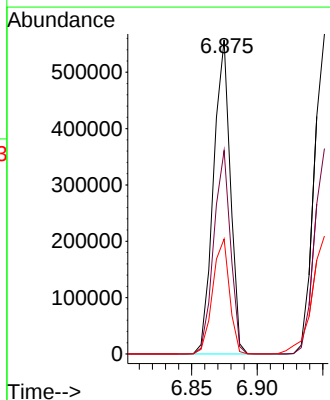
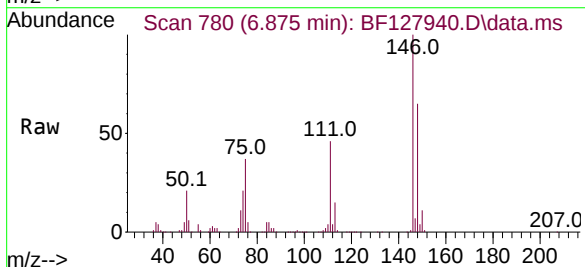
Instrument :
BNA_F
ClientSampleId :
PB144392BS

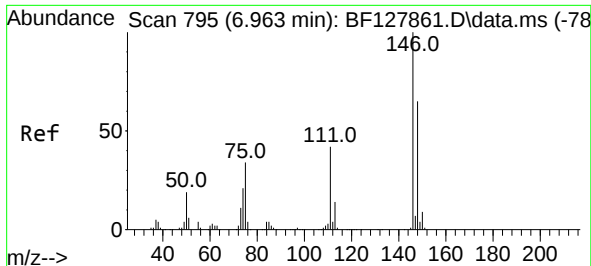
Tgt Ion: 93 Resp: 472103
Ion Ratio Lower Upper
93 100
63 82.1 58.6 98.6
95 33.3 12.9 52.9



#12
1,3-Dichlorobenzene
Concen: 44.925 ng
RT: 6.875 min Scan# 780
Delta R.T. -0.012 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion: 146 Resp: 496703
Ion Ratio Lower Upper
146 100
148 64.8 52.1 78.1
75 36.7 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 45.464 ng

RT: 6.951 min Scan# 795

Delta R.T. -0.012 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

Instrument :

BNA_F

ClientSampleId :

PB144392BS

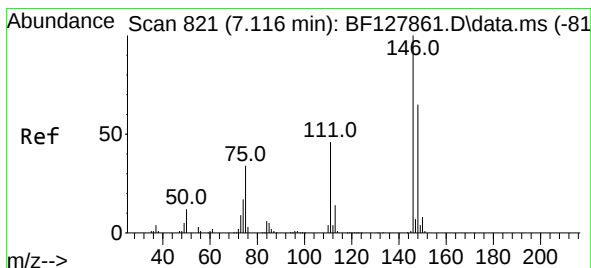
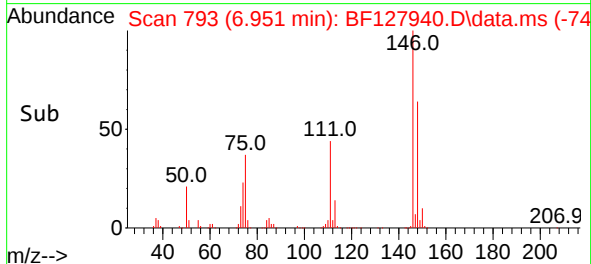
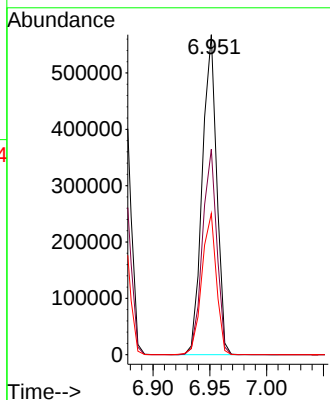
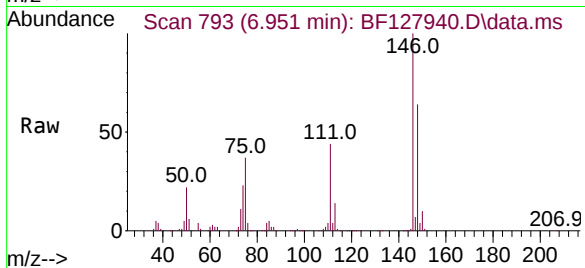
Tgt Ion:146 Resp: 501737

Ion Ratio Lower Upper

146 100

148 64.2 52.3 78.5

111 44.1 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 46.669 ng

RT: 7.104 min Scan# 819

Delta R.T. -0.012 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

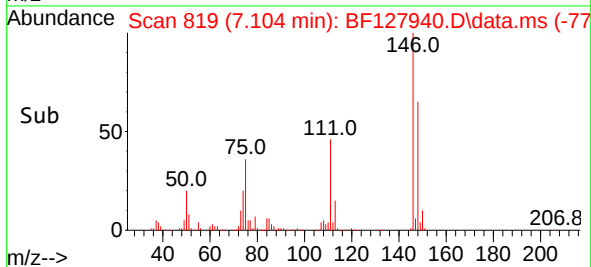
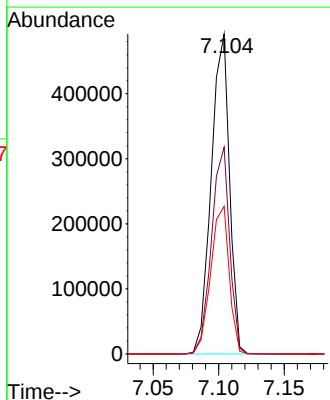
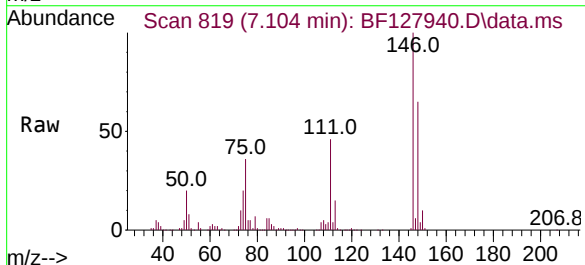
Tgt Ion:146 Resp: 476789

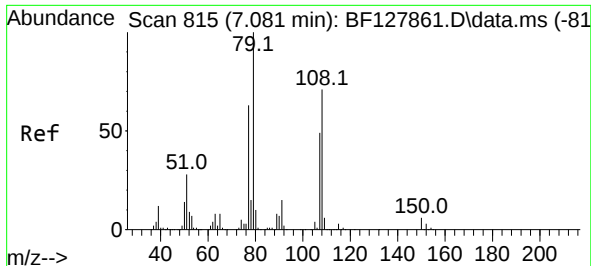
Ion Ratio Lower Upper

146 100

148 64.6 51.8 77.6

111 46.1 36.6 55.0

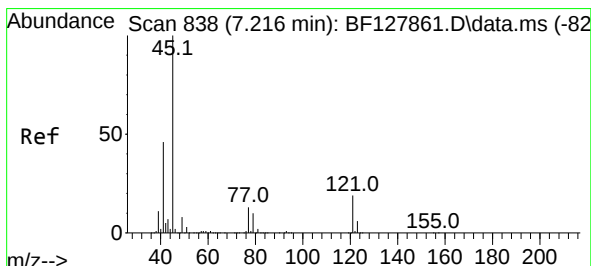
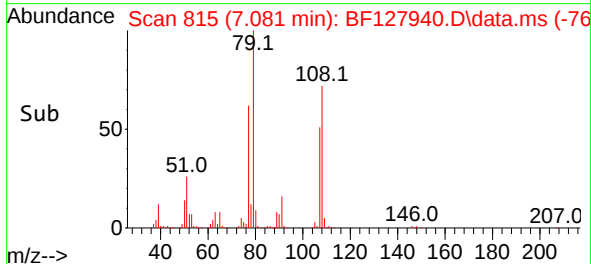
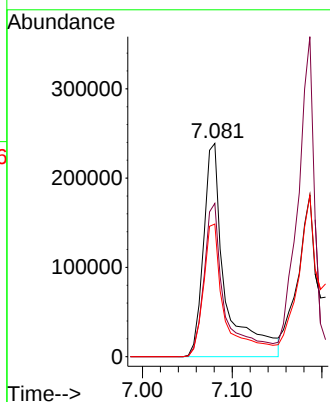
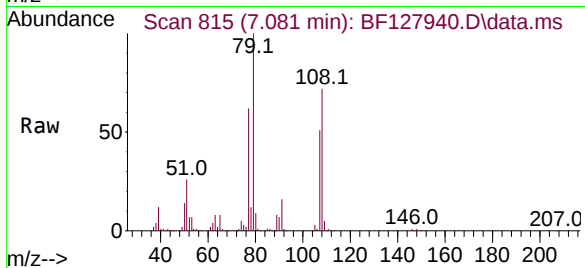




#15
Benzyl Alcohol
Concen: 49.576 ng
RT: 7.081 min Scan# 815
Delta R.T. -0.000 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

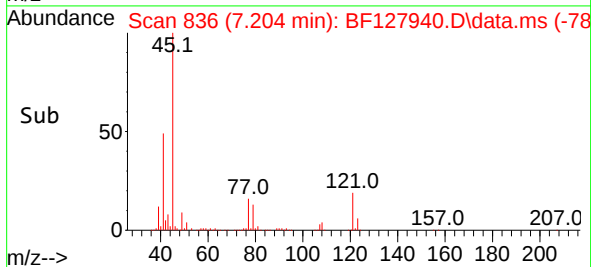
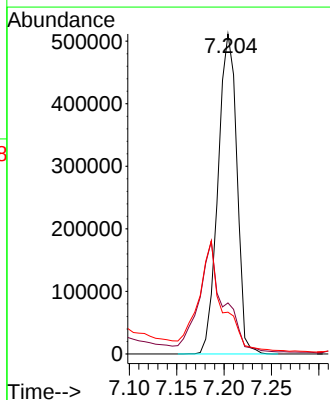
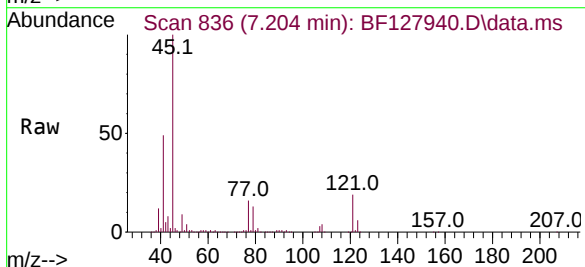
Instrument :
BNA_F
ClientSampleId :
PB144392BS

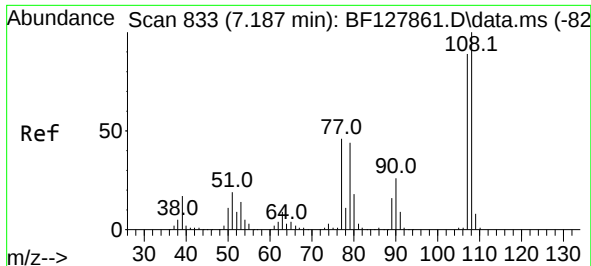
Tgt Ion: 79 Resp: 404834
Ion Ratio Lower Upper
79 100
108 71.9 57.0 85.6
77 62.1 50.2 75.4



#16
2,2'-oxybis(1-chloropropane)
Concen: 46.239 ng
RT: 7.204 min Scan# 836
Delta R.T. -0.012 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion: 45 Resp: 709998
Ion Ratio Lower Upper
45 100
77 15.9 0.0 34.9
79 13.0 0.0 31.6

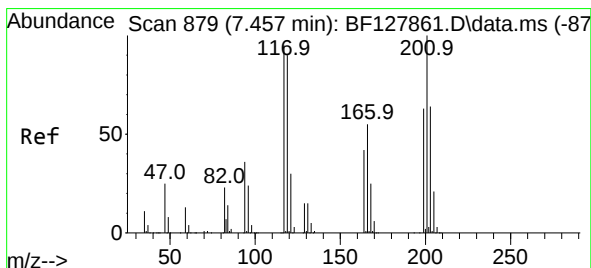
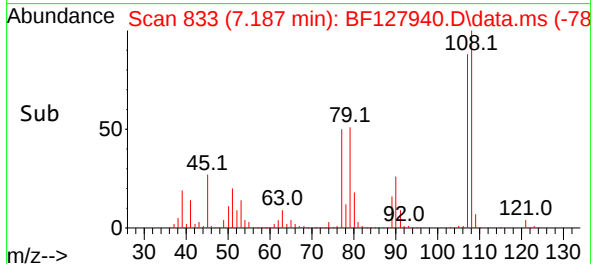
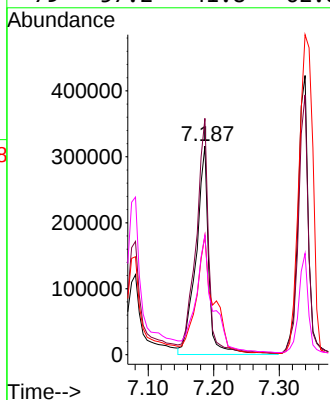
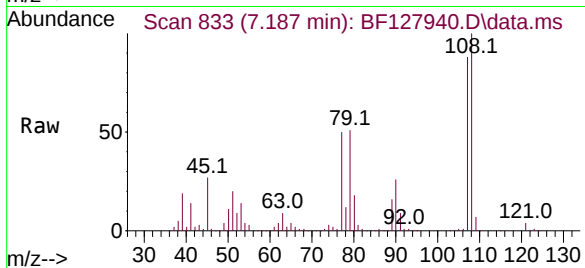




#17
2-Methylphenol
Concen: 51.904 ng
RT: 7.187 min Scan# 811
Delta R.T. -0.000 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

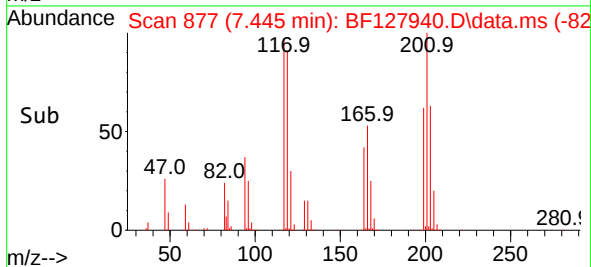
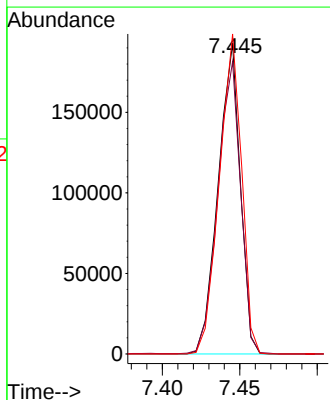
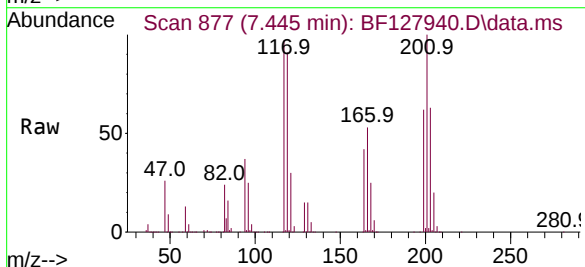
Instrument :
BNA_F
ClientSampleId :
PB144392BS

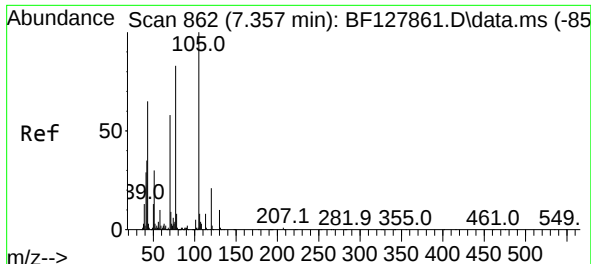
Tgt Ion:107 Resp: 430145
Ion Ratio Lower Upper
107 100
108 113.3 90.2 135.2
77 57.1 41.9 62.9
79 57.2 41.8 62.8



#18
Hexachloroethane
Concen: 47.147 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.012 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion:117 Resp: 191284
Ion Ratio Lower Upper
117 100
119 94.2 76.2 114.4
201 103.1 84.4 126.6

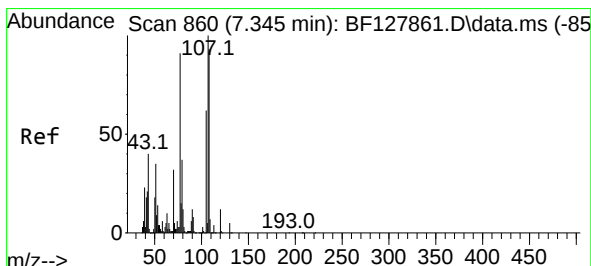
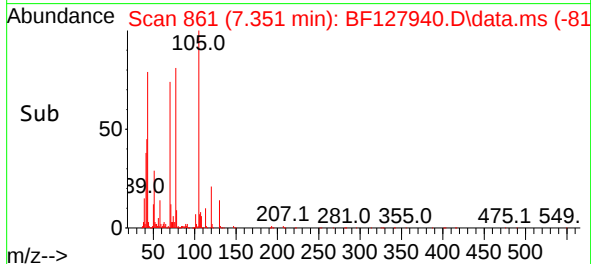
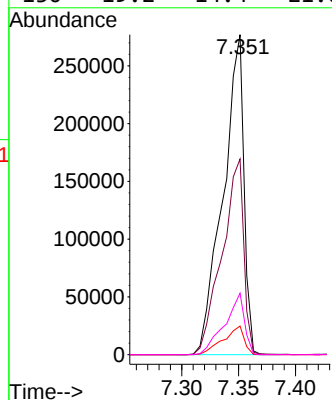
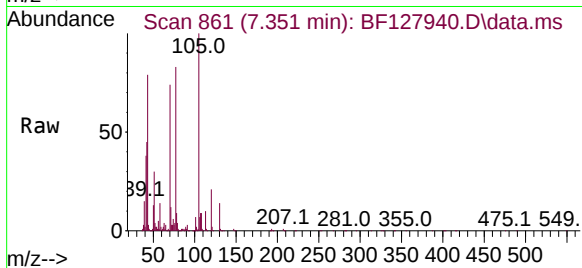




#19
n-Nitroso-di-n-propylamine
Concen: 48.102 ng
RT: 7.351 min Scan# 80
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

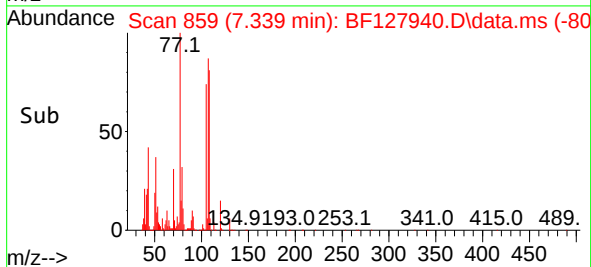
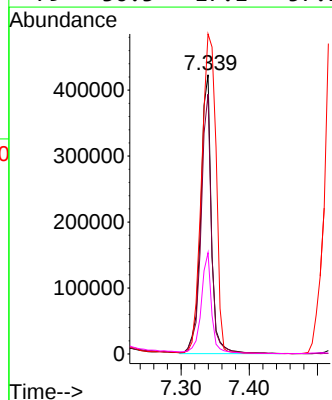
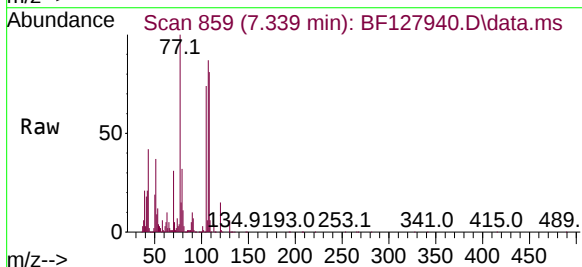
Instrument :
BNA_F
ClientSampleId :
PB144392BS

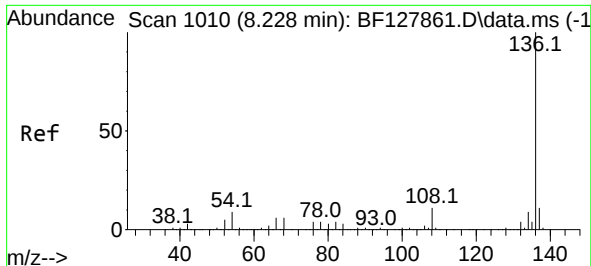
Tgt Ion: 70 Resp: 353587
Ion Ratio Lower Upper
70 100
42 61.2 48.7 73.1
101 9.0 7.2 10.8
130 19.2 14.4 21.6



#20
3+4-Methylphenols
Concen: 46.058 ng
RT: 7.339 min Scan# 859
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion:107 Resp: 461093
Ion Ratio Lower Upper
107 100
108 93.1 73.4 113.4
77 114.6 71.1 111.1#
79 36.3 17.1 57.1





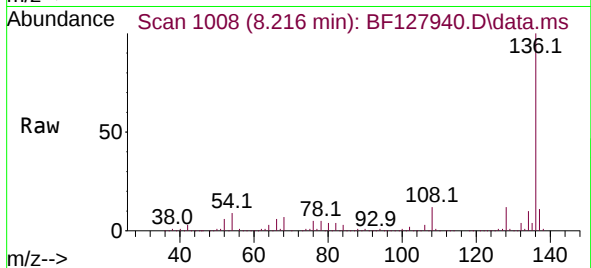
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.216 min Scan# 1008
Delta R.T. -0.012 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Instrument :

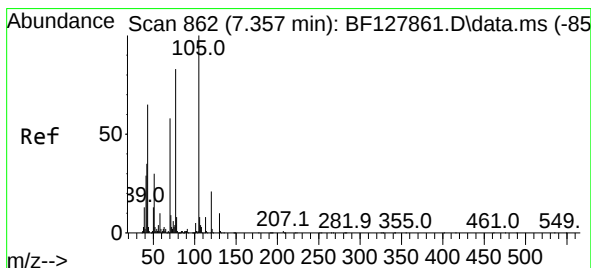
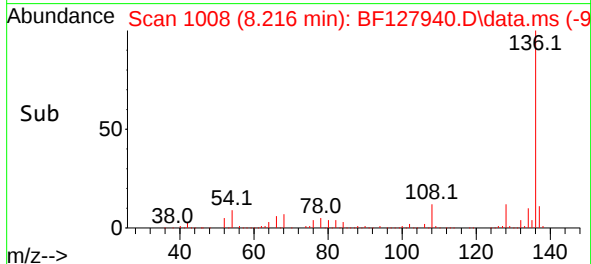
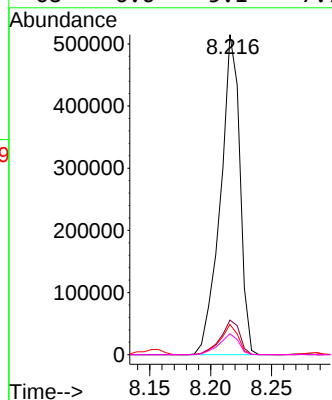
BNA_F

ClientSampleId :

PB144392BS

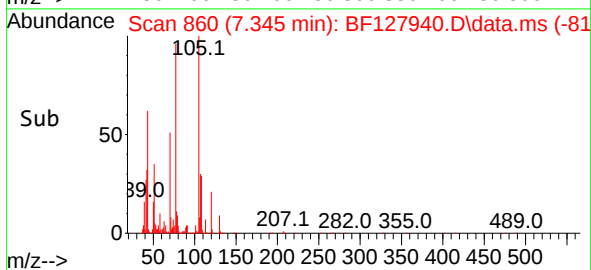
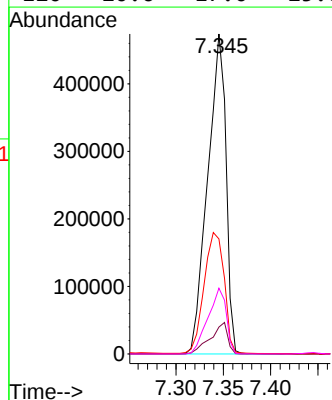
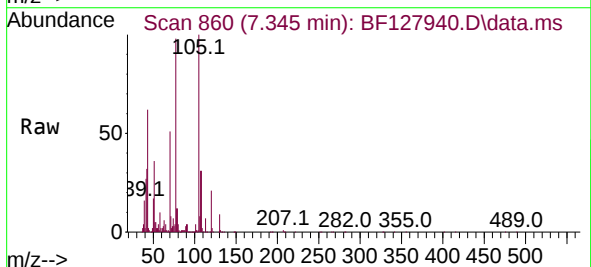


Tgt Ion:	136	Resp:	571719
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	9.4	6.8	10.2
68	6.6	5.1	7.7



#22
Acetophenone
Concen: 45.678 ng
RT: 7.345 min Scan# 860
Delta R.T. -0.012 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion:	105	Resp:	636511
Ion Ratio	Lower	Upper	
105	100		
71	8.4	7.3	10.9
51	35.9	23.7	35.5
120	20.6	17.0	25.6





#23

Nitrobenzene-d5

Concen: 90.589 ng

RT: 7.504 min Scan# 81

Delta R.T. -0.006 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

Instrument :

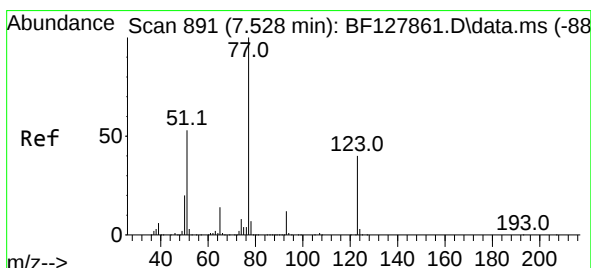
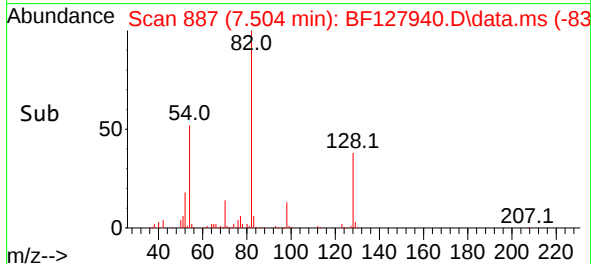
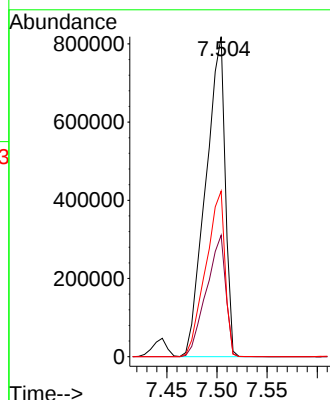
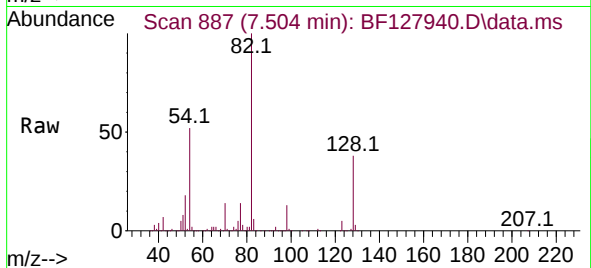
BNA_F

ClientSampleId :

PB144392BS

Tgt Ion: 82 Resp: 1101383

Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.0	45.0
54	51.8	41.3	61.9



#24

Nitrobenzene

Concen: 47.772 ng

RT: 7.522 min Scan# 890

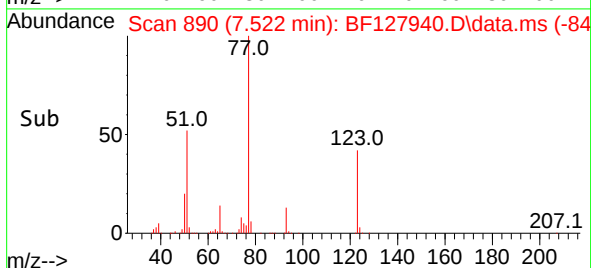
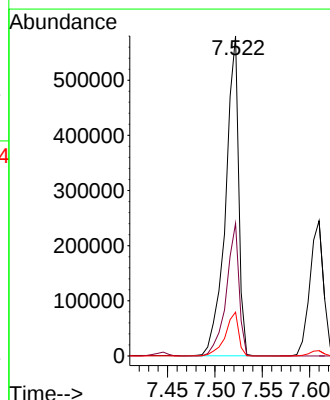
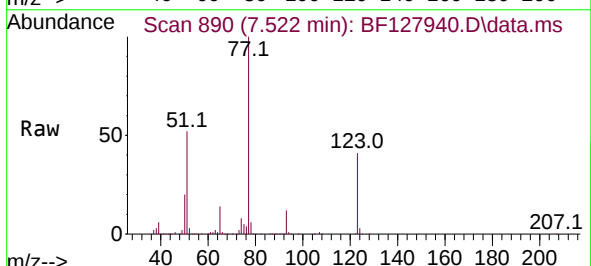
Delta R.T. -0.006 min

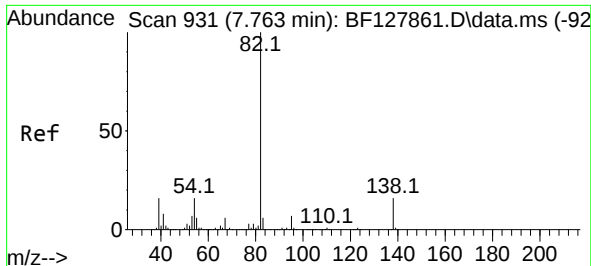
Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

Tgt Ion: 77 Resp: 559668

Ion	Ratio	Lower	Upper
77	100		
123	41.5	32.0	48.0
65	13.7	11.0	16.6

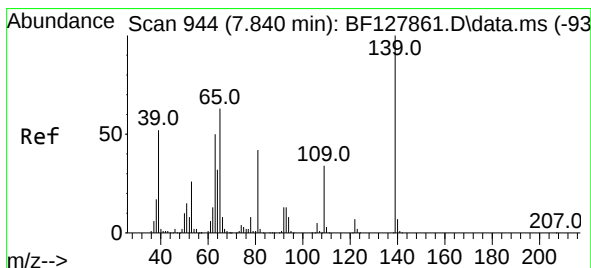
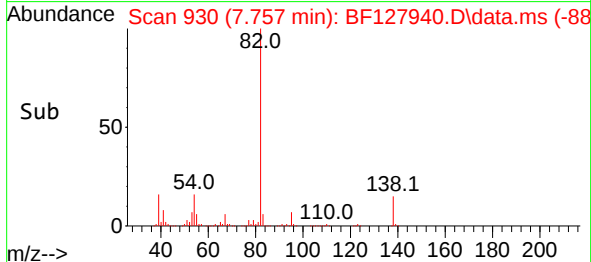
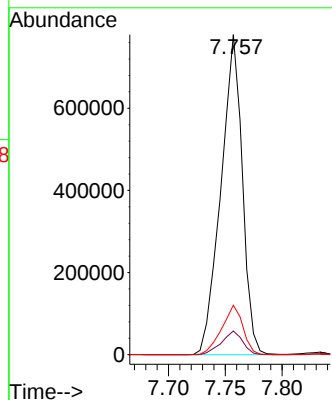
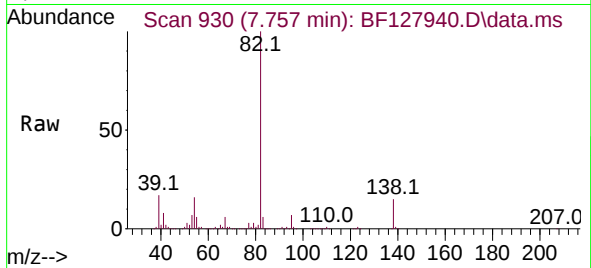




#25
Isophorone
Concen: 49.914 ng
RT: 7.757 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

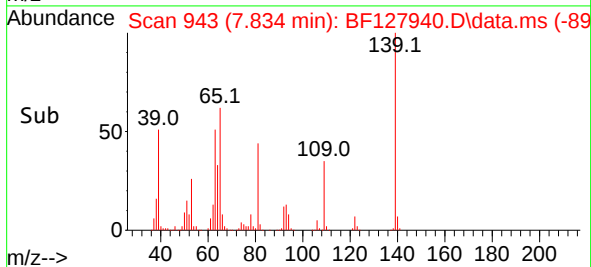
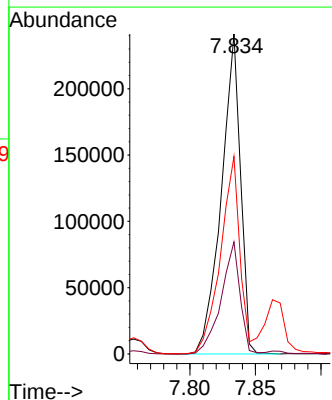
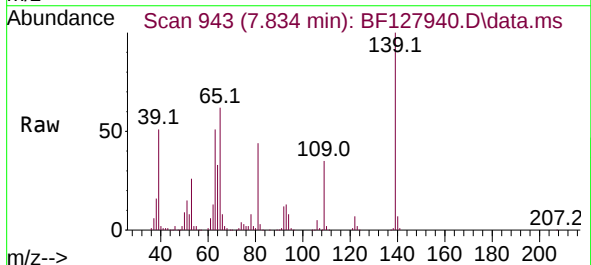
Instrument :
BNA_F
ClientSampleId :
PB144392BS

Tgt Ion: 82 Resp: 1021381
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 15.5 12.5 18.7



#26
2-Nitrophenol
Concen: 49.052 ng
RT: 7.834 min Scan# 943
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion:139 Resp: 244884
Ion Ratio Lower Upper
139 100
109 35.0 27.4 41.2
65 61.7 50.8 76.2





#27

2,4-Dimethylphenol

Concen: 53.363 ng

RT: 7.869 min Scan# 94

Delta R.T. -0.000 min

Lab File: BF127940.D

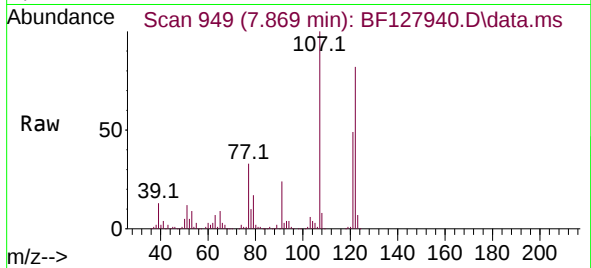
Acq: 27 Apr 2022 12:34

Instrument :

BNA_F

ClientSampleId :

PB144392BS



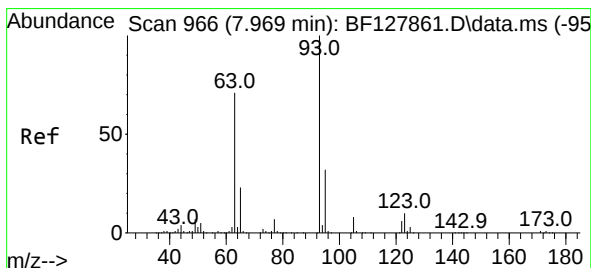
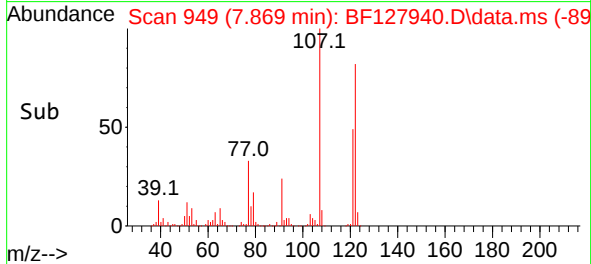
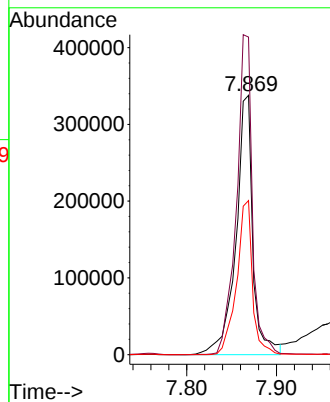
Tgt Ion:122 Resp: 442495

Ion Ratio Lower Upper

122 100

107 122.5 97.5 146.3

121 59.4 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.010 ng

RT: 7.963 min Scan# 965

Delta R.T. -0.006 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

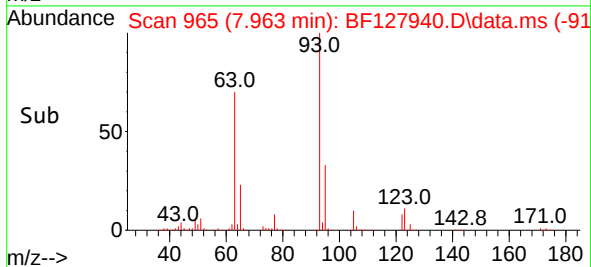
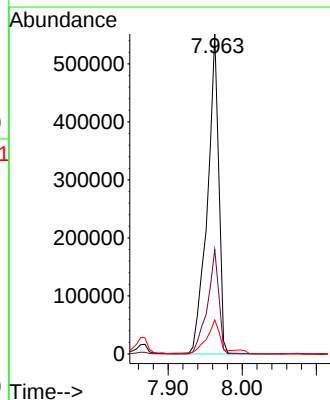
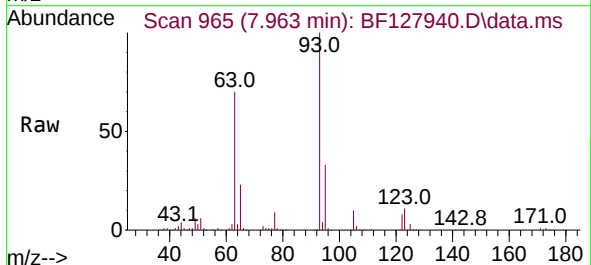
Tgt Ion: 93 Resp: 590267

Ion Ratio Lower Upper

93 100

95 32.7 25.7 38.5

123 10.6 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 45.070 ng

RT: 8.075 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

Instrument :

BNA_F

ClientSampleId :

PB144392BS

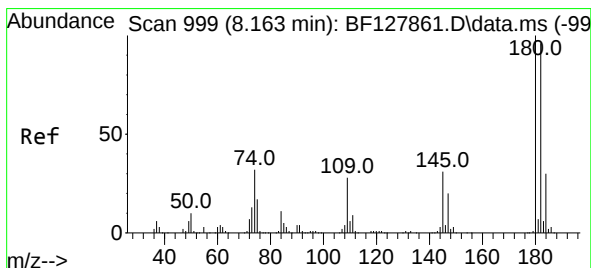
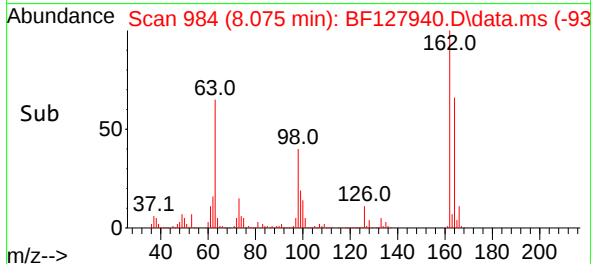
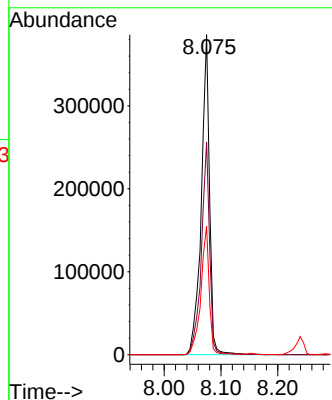
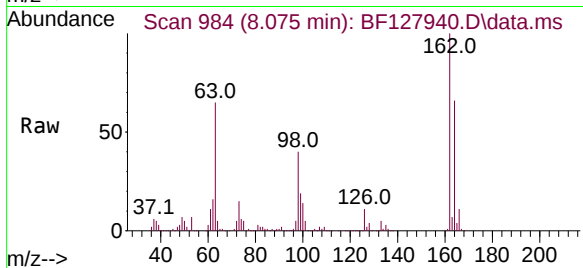
Tgt Ion:162 Resp: 391528

Ion Ratio Lower Upper

162 100

164 66.5 47.1 87.1

98 40.2 20.7 60.7



#30

1,2,4-Trichlorobenzene

Concen: 44.195 ng

RT: 8.157 min Scan# 998

Delta R.T. -0.006 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

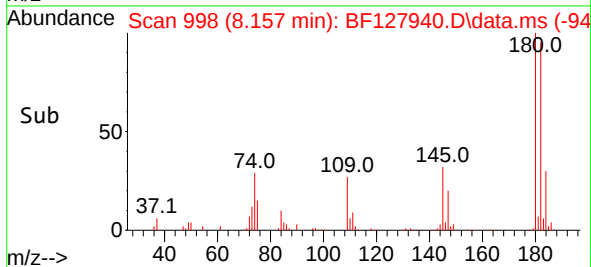
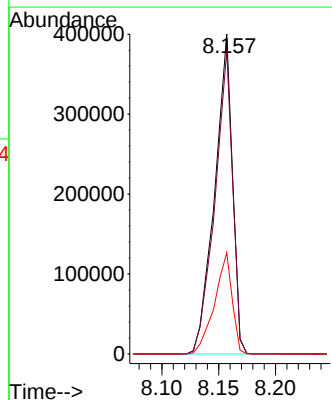
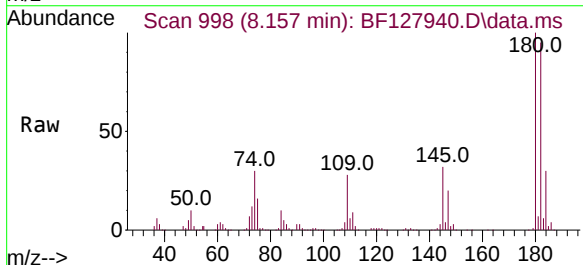
Tgt Ion:180 Resp: 436110

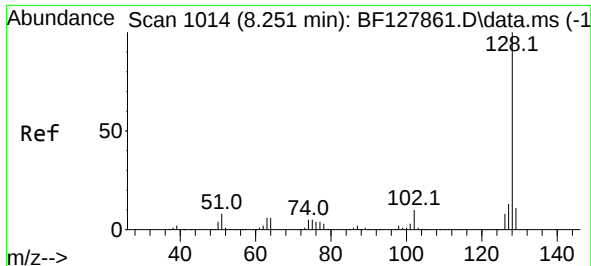
Ion Ratio Lower Upper

180 100

182 94.8 76.4 114.6

145 31.6 25.1 37.7

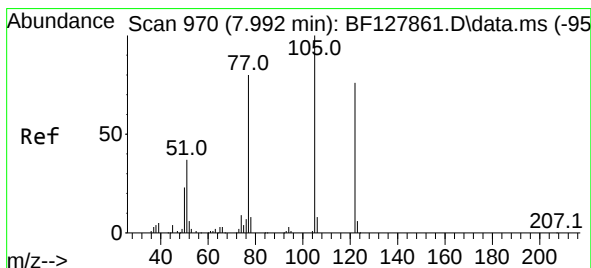
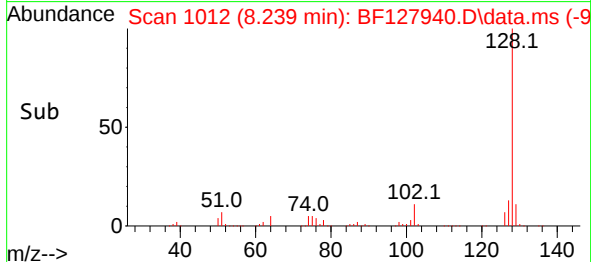
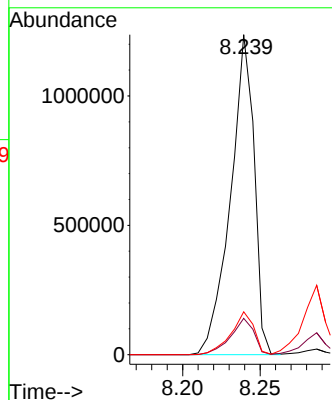
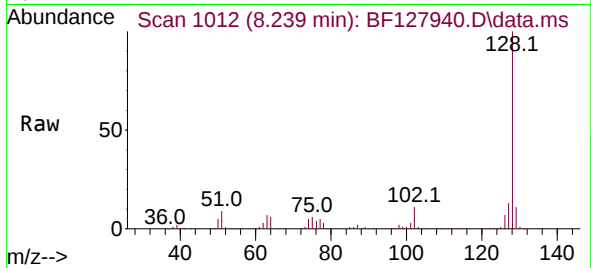




#31
Naphthalene
Concen: 45.056 ng
RT: 8.239 min Scan# 1014
Delta R.T. -0.012 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

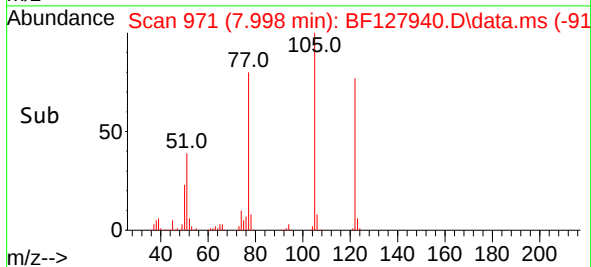
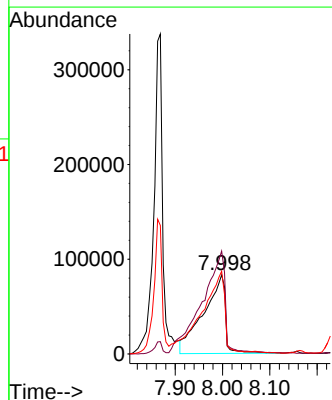
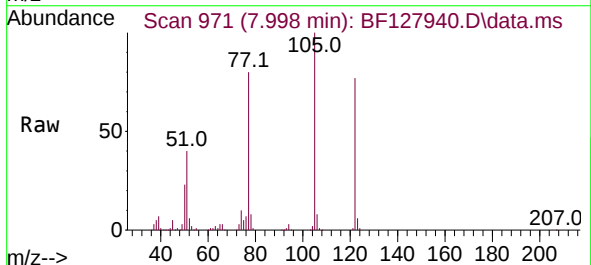
Instrument :
BNA_F
ClientSampleId :
PB144392BS

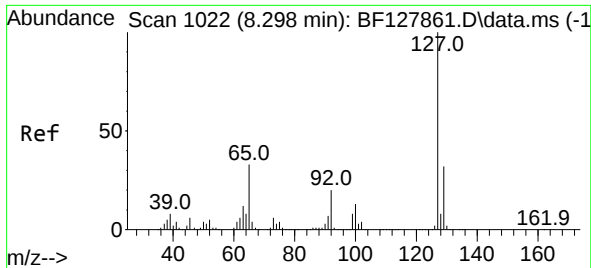
Tgt Ion:128 Resp: 1311974
Ion Ratio Lower Upper
128 100
129 11.4 9.0 13.4
127 13.4 10.6 16.0



#32
Benzoic acid
Concen: 44.978 ng
RT: 7.998 min Scan# 971
Delta R.T. 0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion:122 Resp: 267330
Ion Ratio Lower Upper
122 100
105 130.4 107.9 147.9
77 104.8 82.5 122.5

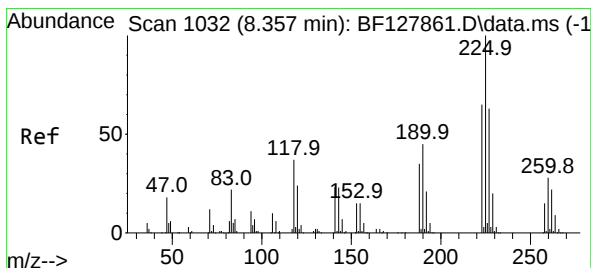
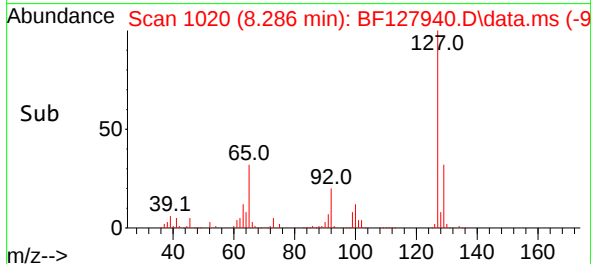
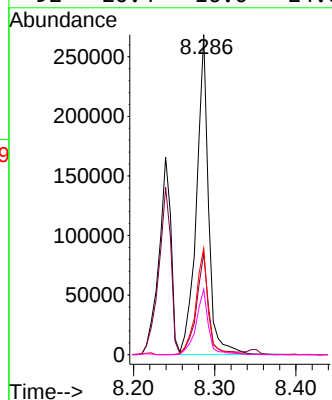
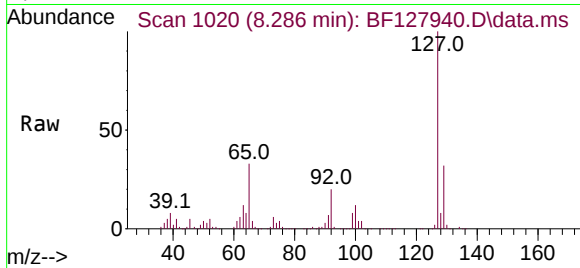




#33
4-Chloroaniline
Concen: 24.135 ng
RT: 8.286 min Scan# 1020
Delta R.T. -0.012 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

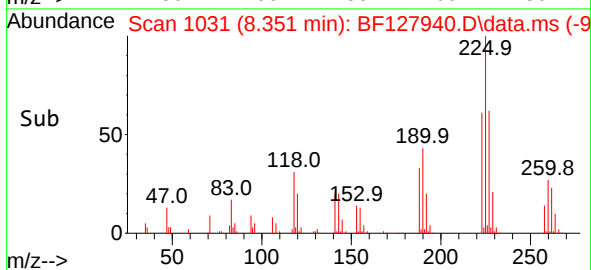
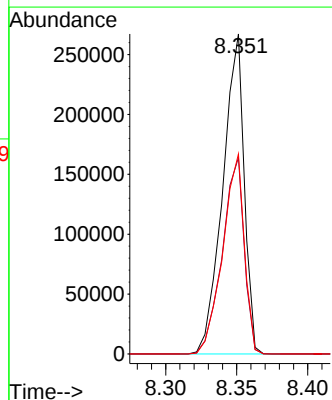
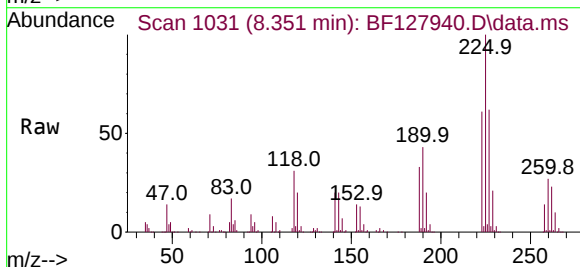
Instrument :
BNA_F
ClientSampleId :
PB144392BS

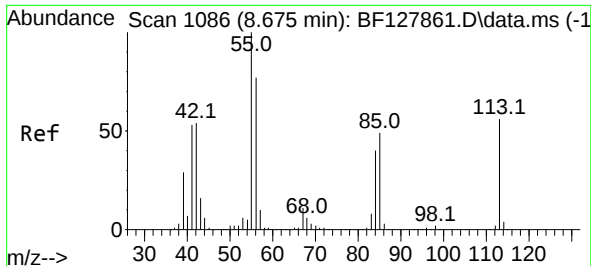
Tgt Ion:	127	Resp:	278065
Ion	Ratio	Lower	Upper
127	100		
129	31.7	25.8	38.8
65	33.2	26.7	40.1
92	20.4	16.0	24.0



#34
Hexachlorobutadiene
Concen: 44.941 ng
RT: 8.351 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion:	225	Resp:	279334
Ion	Ratio	Lower	Upper
225	100		
223	61.4	52.0	78.0
227	62.5	50.7	76.1

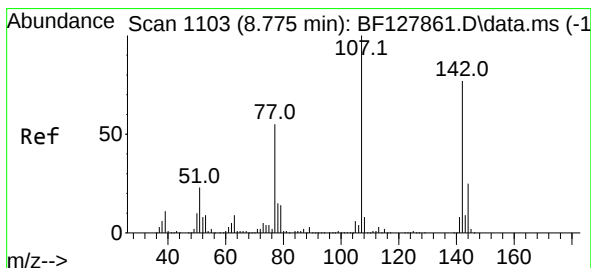
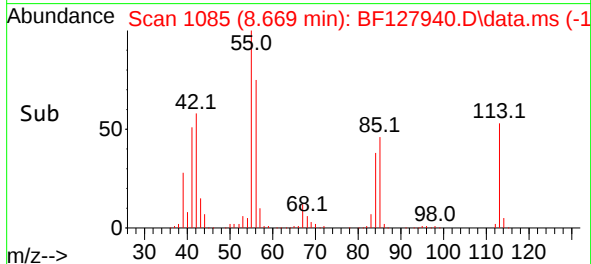
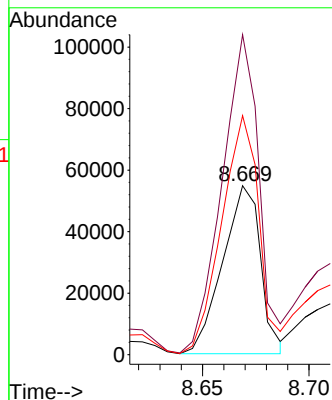
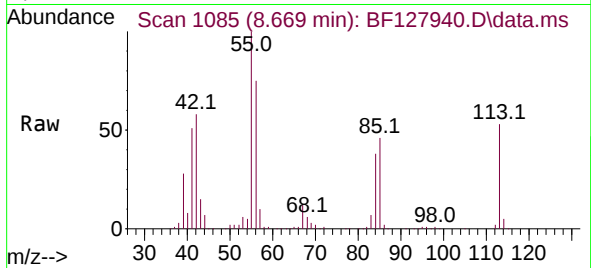




#35
 Caprolactam
 Concen: 24.105 ng
 RT: 8.669 min Scan# 1102
 Delta R.T. -0.006 min
 Lab File: BF127940.D
 Acq: 27 Apr 2022 12:34

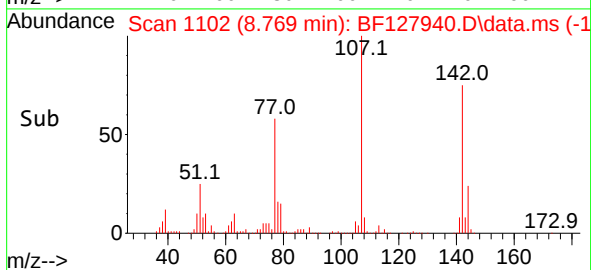
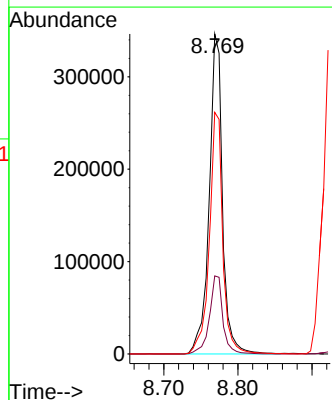
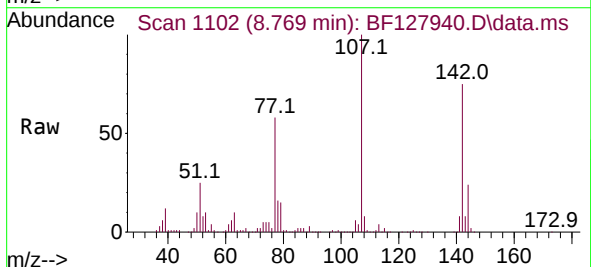
Instrument :
 BNA_F
 ClientSampleId :
 PB144392BS

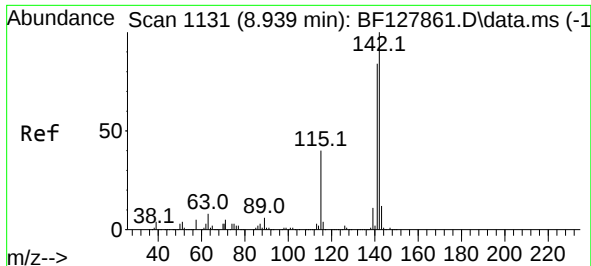
Tgt Ion:113 Resp: 67595
 Ion Ratio Lower Upper
 113 100
 55 189.3 157.4 197.4
 56 141.4 116.1 156.1



#36
 4-Chloro-3-methylphenol
 Concen: 46.574 ng
 RT: 8.769 min Scan# 1102
 Delta R.T. -0.006 min
 Lab File: BF127940.D
 Acq: 27 Apr 2022 12:34

Tgt Ion:107 Resp: 432102
 Ion Ratio Lower Upper
 107 100
 144 24.4 20.2 30.4
 142 75.5 61.5 92.3





#37

2-Methylnaphthalene

Concen: 45.501 ng

RT: 8.933 min Scan# 1131

Delta R.T. -0.006 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

Instrument :

BNA_F

ClientSampleId :

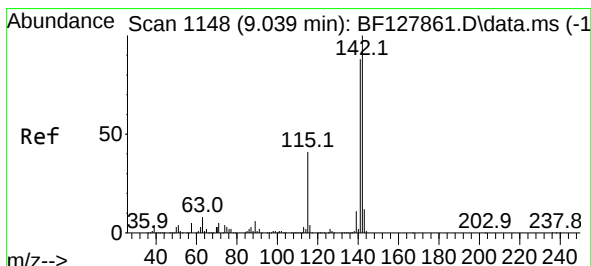
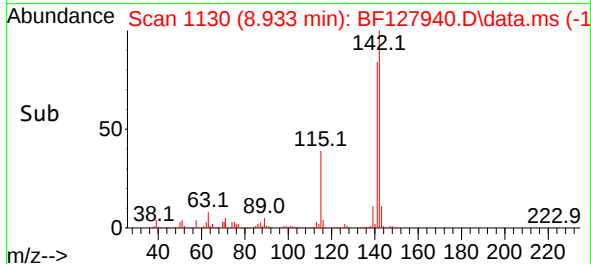
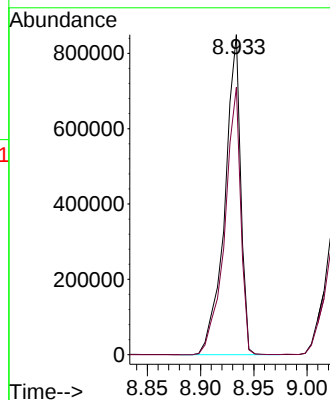
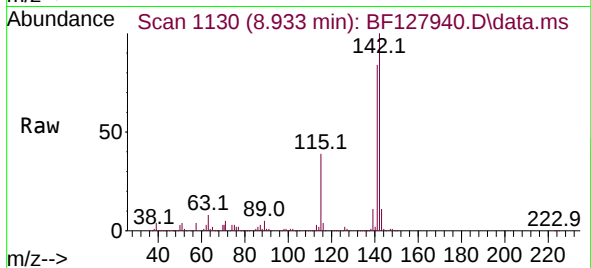
PB144392BS

Tgt Ion:142 Resp: 875626

Ion Ratio Lower Upper

142 100

141 83.5 67.4 101.2



#38

1-Methylnaphthalene

Concen: 44.377 ng

RT: 9.033 min Scan# 1147

Delta R.T. -0.006 min

Lab File: BF127940.D

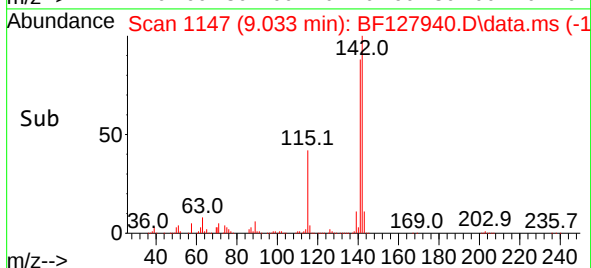
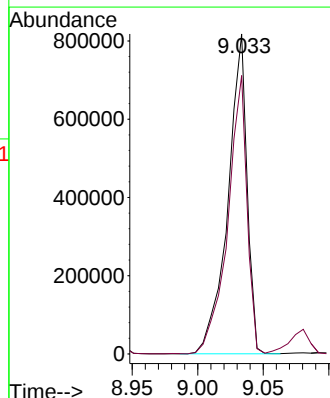
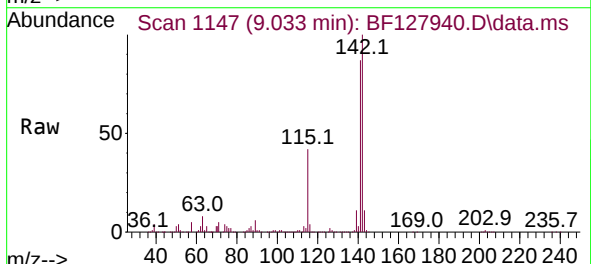
Acq: 27 Apr 2022 12:34

Tgt Ion:142 Resp: 830073

Ion Ratio Lower Upper

142 100

141 87.0 70.1 105.1

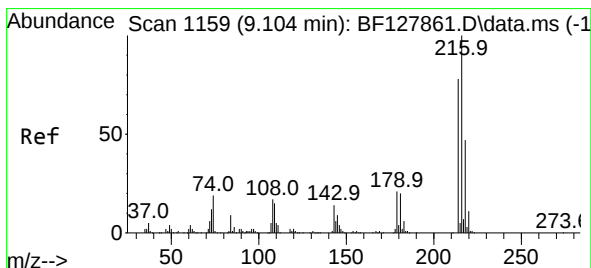
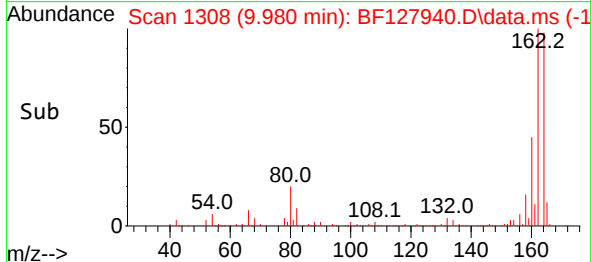
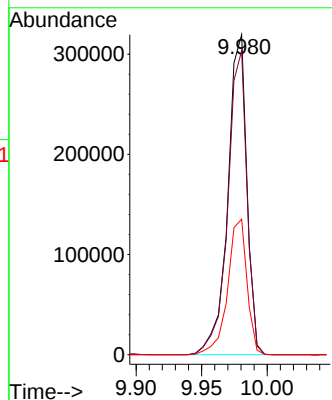
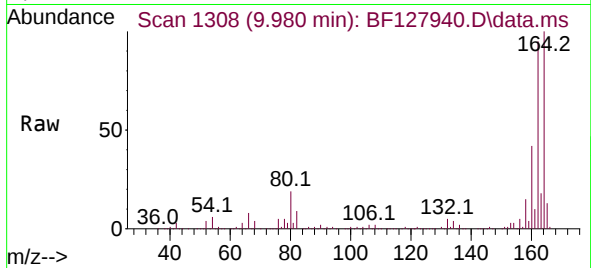




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.980 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

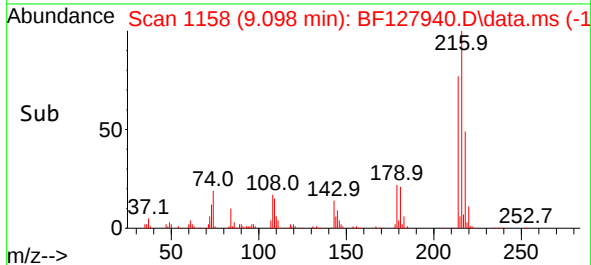
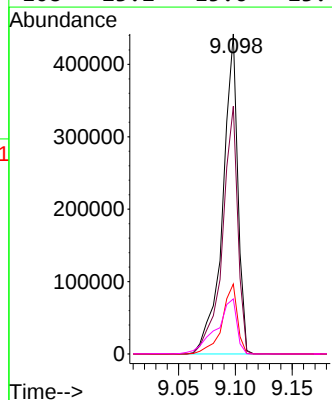
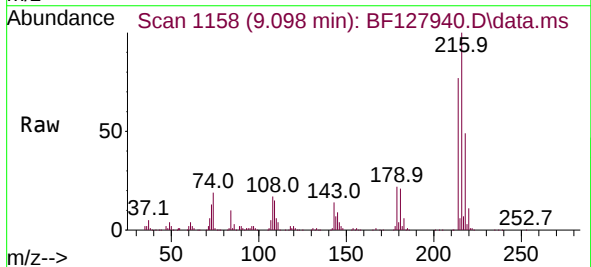
Instrument :
BNA_F
ClientSampleId :
PB144392BS

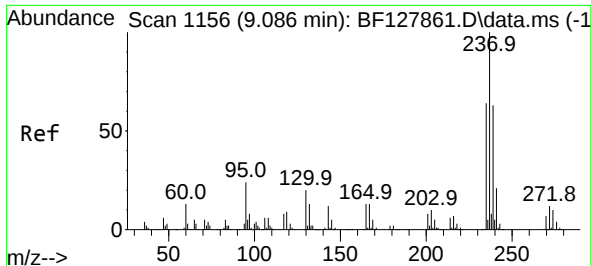
Tgt Ion:164 Resp: 323042
Ion Ratio Lower Upper
164 100
162 95.0 76.0 114.0
160 42.3 34.8 52.2



#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.052 ng
RT: 9.098 min Scan# 1158
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion:216 Resp: 409925
Ion Ratio Lower Upper
216 100
214 78.4 62.6 94.0
179 21.9 16.9 25.3
108 23.2 15.6 23.4

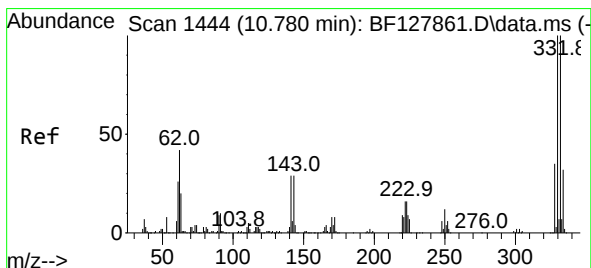
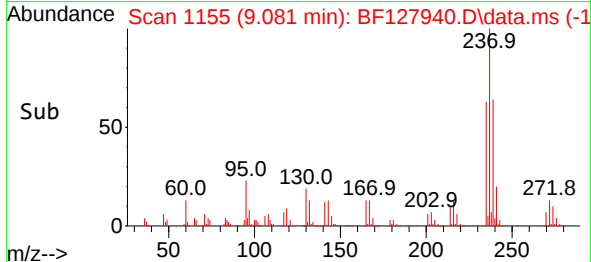
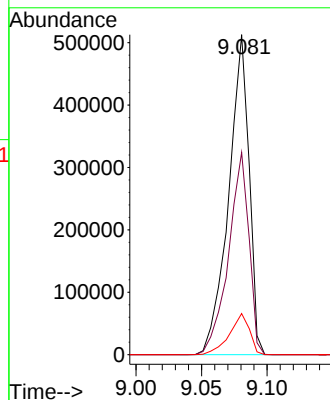
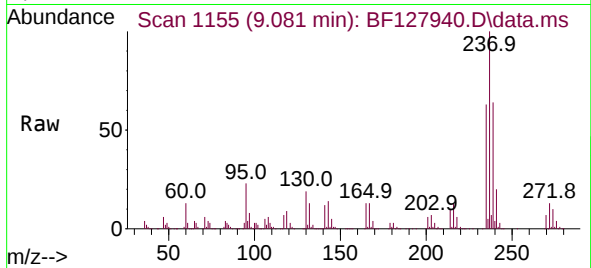




#41
Hexachlorocyclopentadiene
Concen: 107.529 ng
RT: 9.081 min Scan# 1156
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

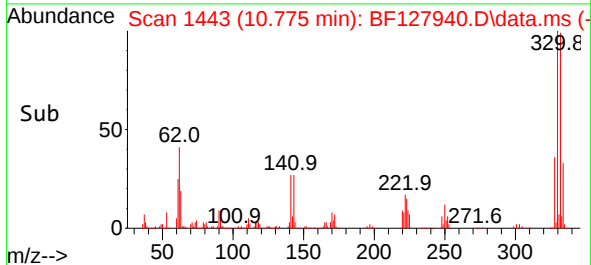
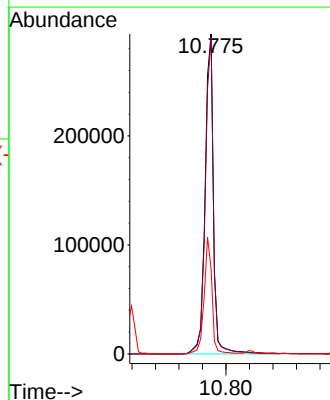
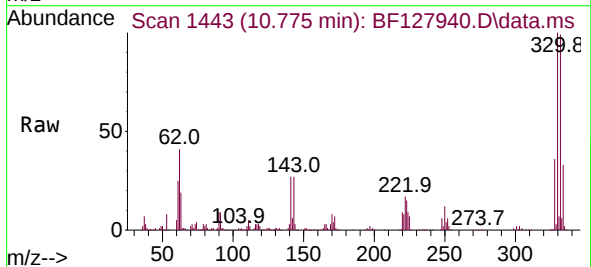
Instrument :
BNA_F
ClientSampleId :
PB144392BS

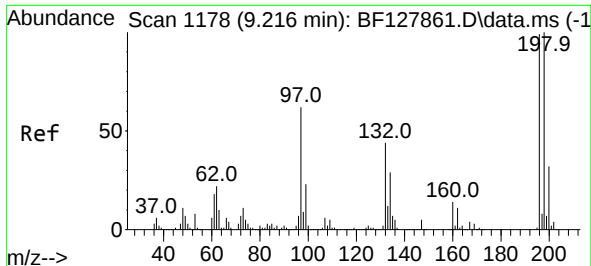
Tgt Ion:237 Resp: 554718
Ion Ratio Lower Upper
237 100
235 63.2 43.6 83.6
272 12.8 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 89.026 ng
RT: 10.775 min Scan# 1443
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion:330 Resp: 289509
Ion Ratio Lower Upper
330 100
332 97.3 79.0 118.4
141 34.2 28.9 43.3





#43

2,4,6-Trichlorophenol

Concen: 45.160 ng

RT: 9.210 min Scan# 1177

Delta R.T. -0.006 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

Instrument :

BNA_F

ClientSampleId :

PB144392BS

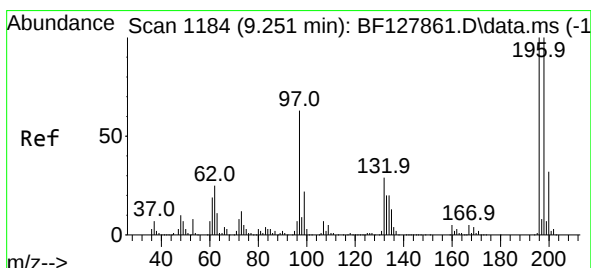
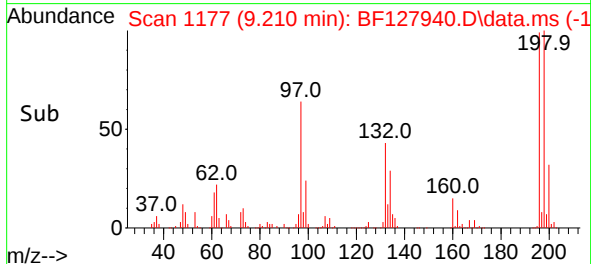
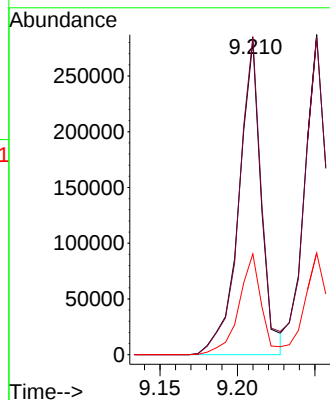
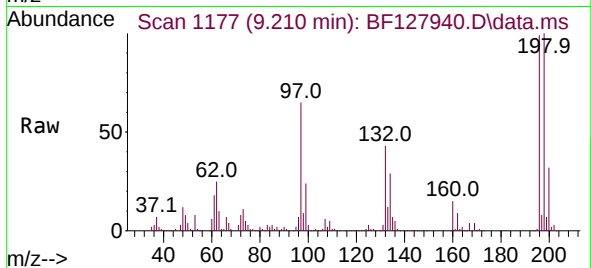
Tgt Ion:196 Resp: 282939

Ion Ratio Lower Upper

196 100

198 101.5 80.4 120.6

200 32.2 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 43.341 ng

RT: 9.251 min Scan# 1184

Delta R.T. -0.000 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

Tgt Ion:196 Resp: 295188

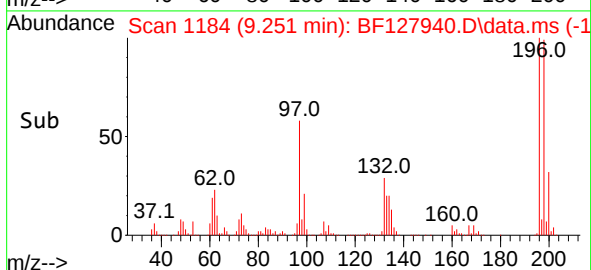
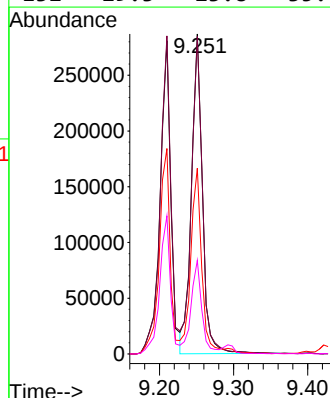
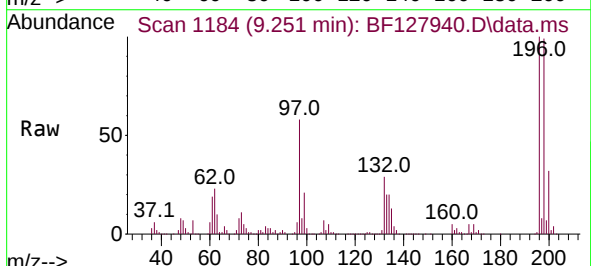
Ion Ratio Lower Upper

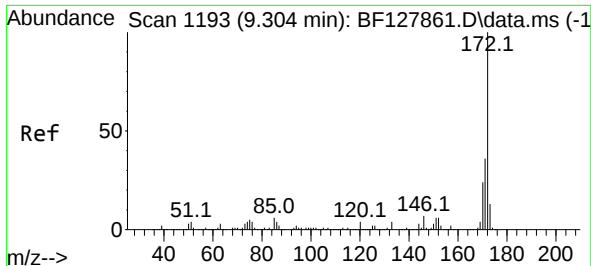
196 100

198 99.2 80.2 120.2

97 58.1 50.3 75.5

132 29.3 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 88.992 ng

RT: 9.292 min Scan# 1191

Delta R.T. -0.012 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

Instrument :

BNA_F

ClientSampleId :

PB144392BS

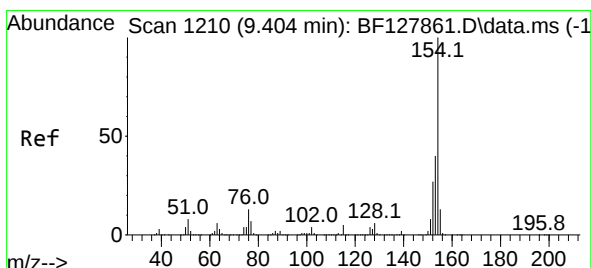
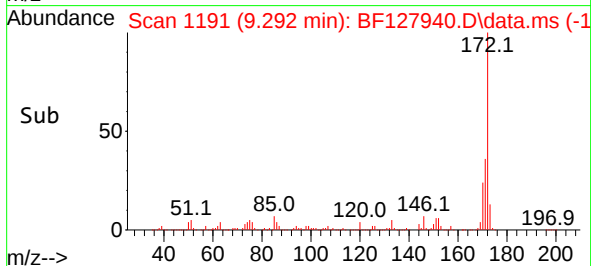
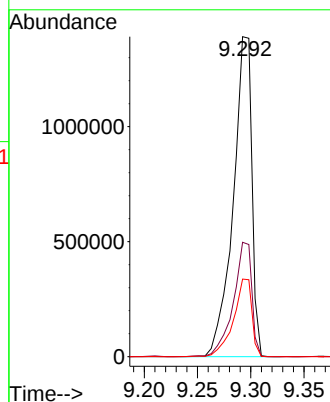
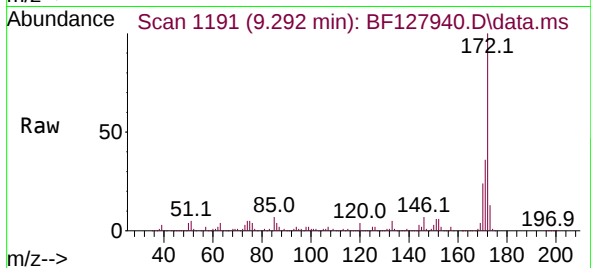
Tgt Ion:172 Resp: 1699313

Ion Ratio Lower Upper

172 100

171 35.7 28.6 42.8

170 24.3 19.1 28.7



#46

1,1'-Biphenyl

Concen: 44.212 ng

RT: 9.398 min Scan# 1209

Delta R.T. -0.006 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

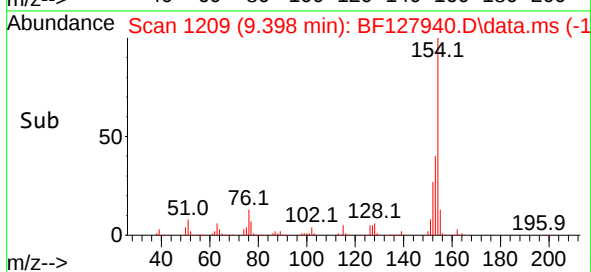
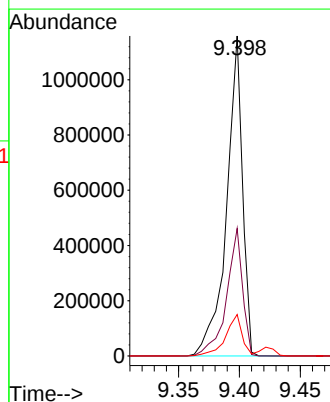
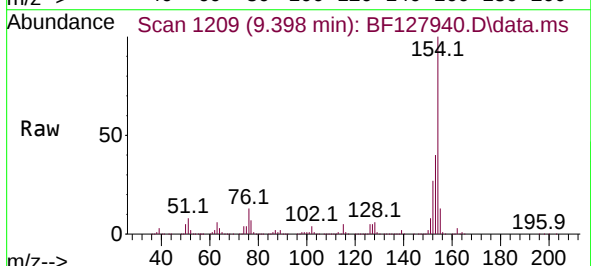
Tgt Ion:154 Resp: 1057952

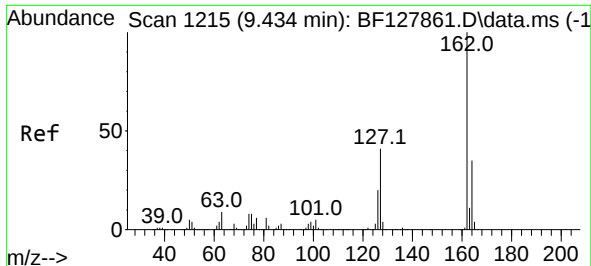
Ion Ratio Lower Upper

154 100

153 39.9 20.4 60.4

76 12.9 0.0 33.2





#47

2-Chloronaphthalene

Concen: 42.918 ng

RT: 9.422 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

Instrument :

BNA_F

ClientSampleId :

PB144392BS

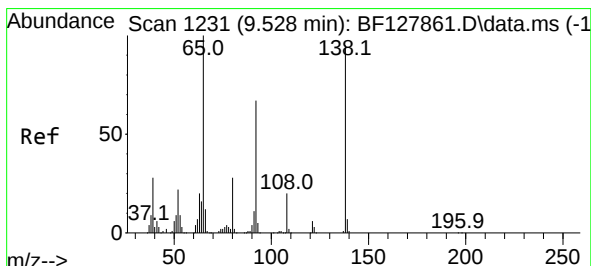
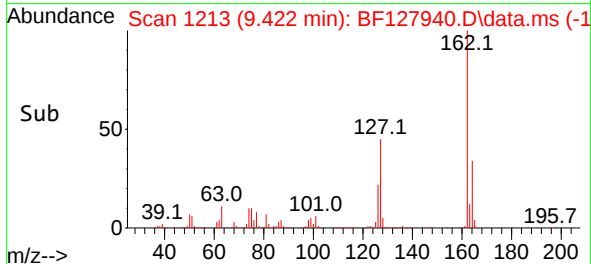
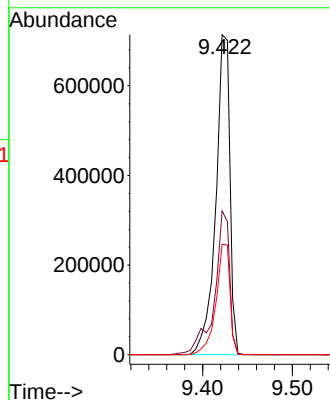
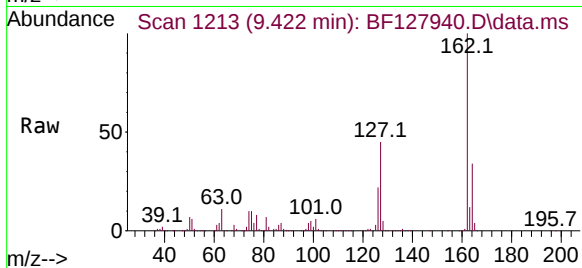
Tgt Ion:162 Resp: 781811

Ion Ratio Lower Upper

162 100

127 45.0 32.9 49.3

164 34.5 28.2 42.2



#48

2-Nitroaniline

Concen: 46.618 ng

RT: 9.522 min Scan# 1230

Delta R.T. -0.006 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

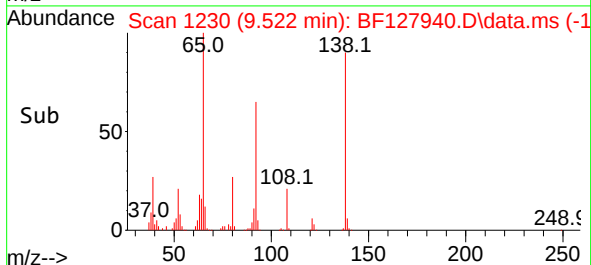
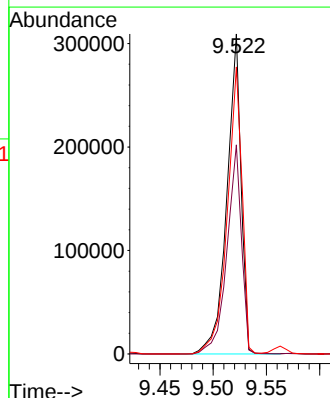
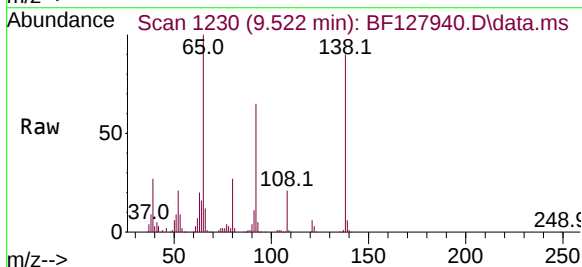
Tgt Ion: 65 Resp: 287260

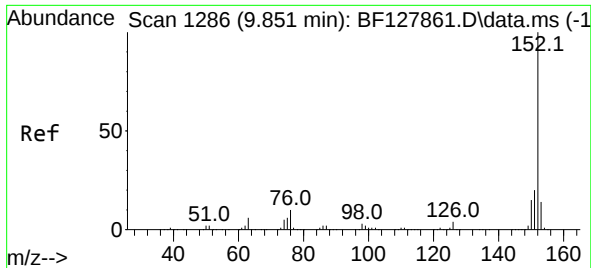
Ion Ratio Lower Upper

65 100

92 65.4 53.7 80.5

138 89.7 76.4 114.6

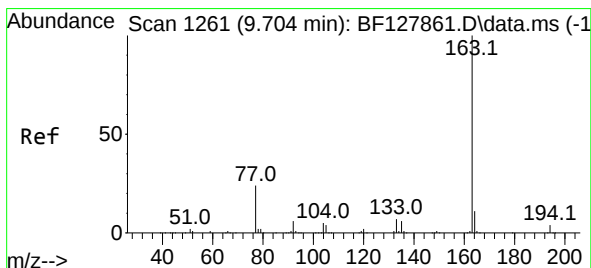
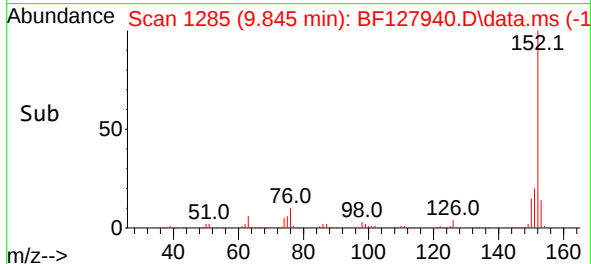
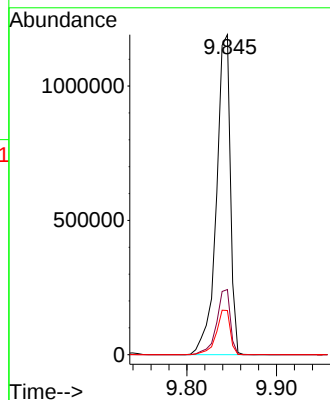
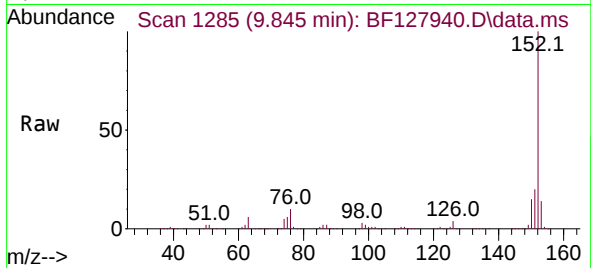




#49
Acenaphthylene
Concen: 45.897 ng
RT: 9.845 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

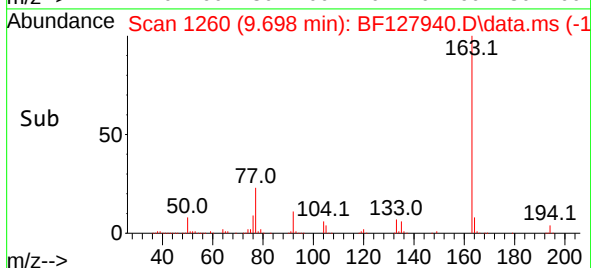
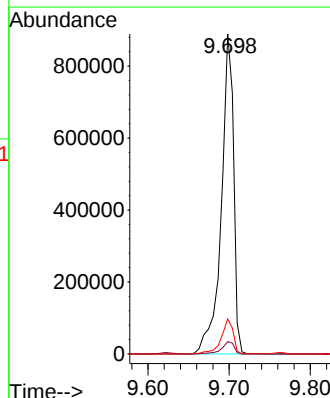
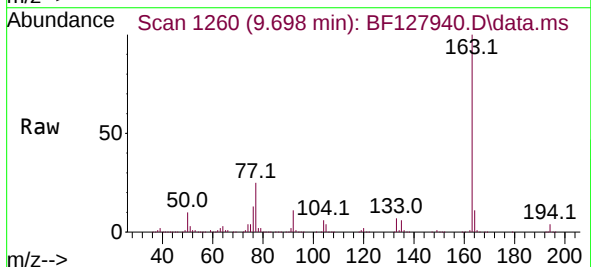
Instrument :
BNA_F
ClientSampleId :
PB144392BS

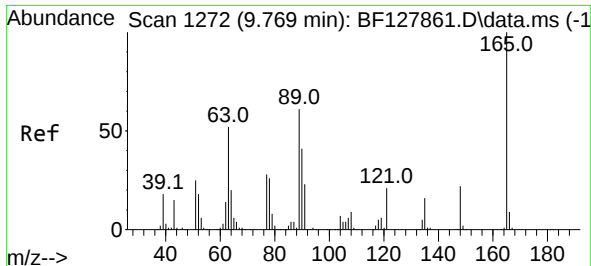
Tgt Ion:152 Resp: 1278926
Ion Ratio Lower Upper
152 100
151 20.4 16.2 24.2
153 13.8 11.2 16.8



#50
Dimethylphthalate
Concen: 43.440 ng
RT: 9.698 min Scan# 1260
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion:163 Resp: 941122
Ion Ratio Lower Upper
163 100
194 3.8 3.1 4.7
164 10.9 8.6 13.0





#51

2,6-Dinitrotoluene

Concen: 47.034 ng

RT: 9.763 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

Instrument :

BNA_F

ClientSampleId :

PB144392BS

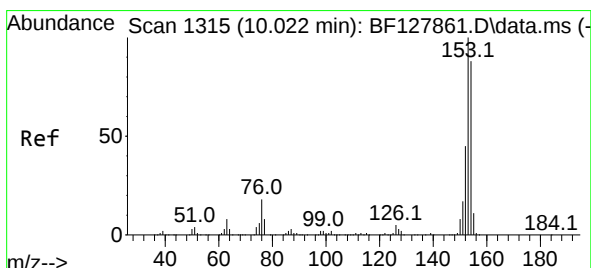
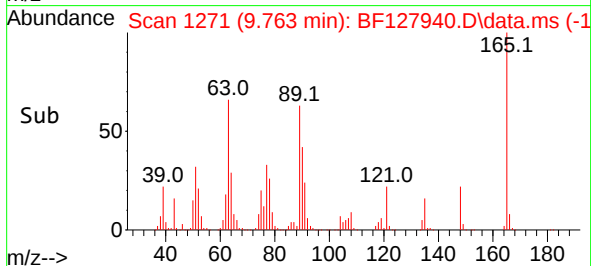
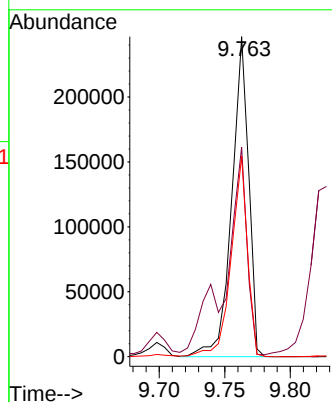
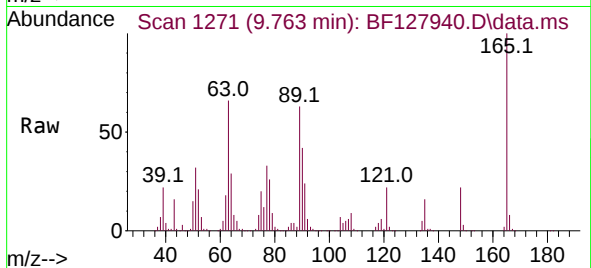
Tgt Ion:165 Resp: 220624

Ion Ratio Lower Upper

165 100

63 65.5 49.5 74.3

89 62.6 49.0 73.4



#52

Acenaphthene

Concen: 40.774 ng

RT: 10.016 min Scan# 1314

Delta R.T. -0.006 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

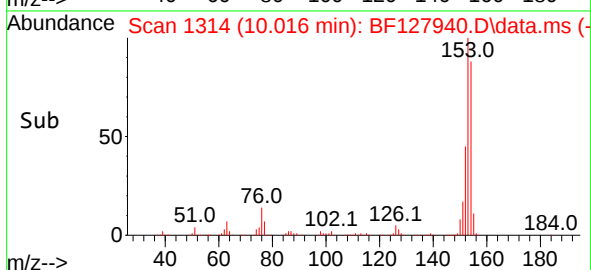
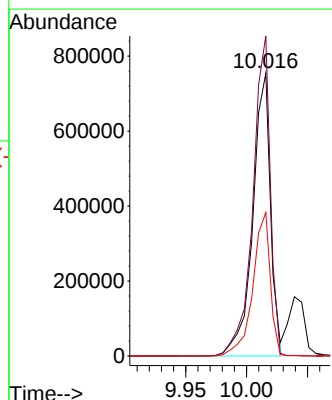
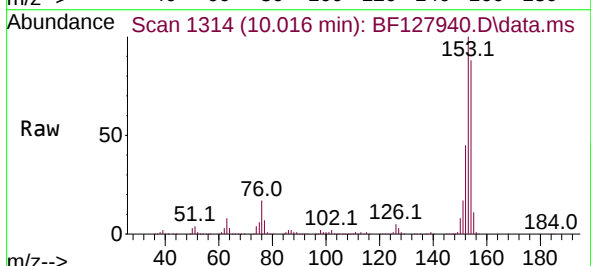
Tgt Ion:154 Resp: 763848

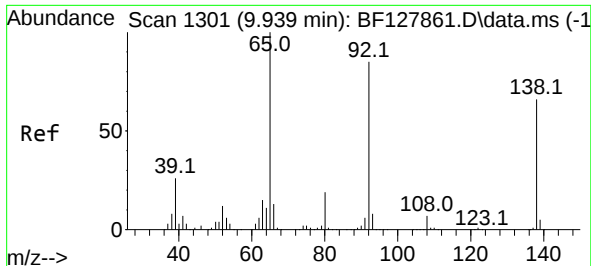
Ion Ratio Lower Upper

154 100

153 113.2 90.5 135.7

152 50.7 41.0 61.6

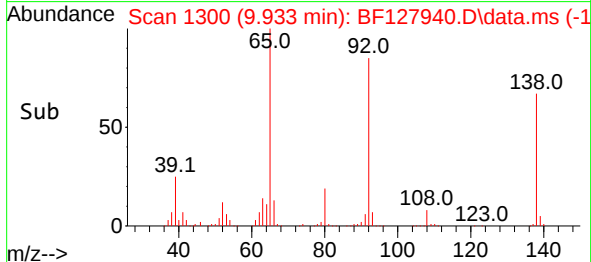
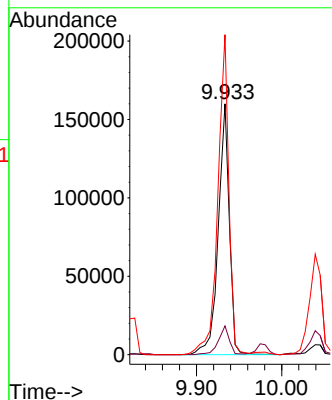
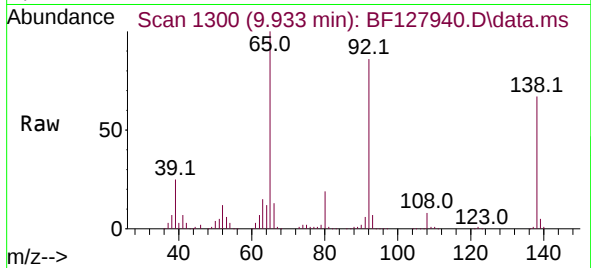




#53
3-Nitroaniline
Concen: 27.708 ng
RT: 9.933 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

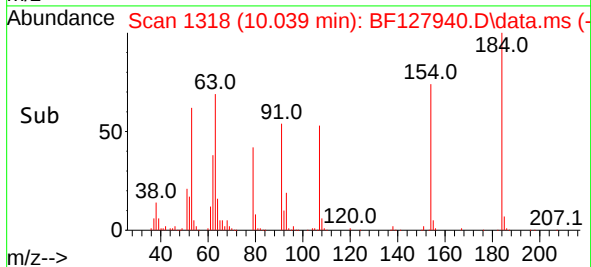
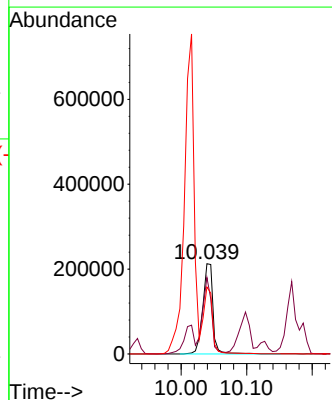
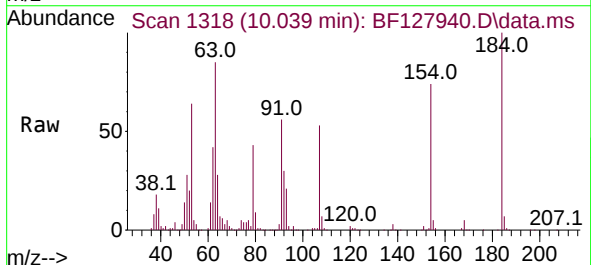
Instrument :
BNA_F
ClientSampleId :
PB144392BS

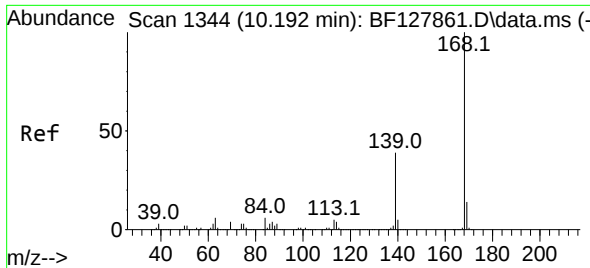
Tgt Ion:138 Resp: 144327
Ion Ratio Lower Upper
138 100
108 11.5 8.2 12.4
92 127.5 102.7 154.1



#54
2,4-Dinitrophenol
Concen: 93.535 ng
RT: 10.039 min Scan# 1318
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion:184 Resp: 231062
Ion Ratio Lower Upper
184 100
63 84.8 50.0 75.0#
154 74.3 51.7 77.5

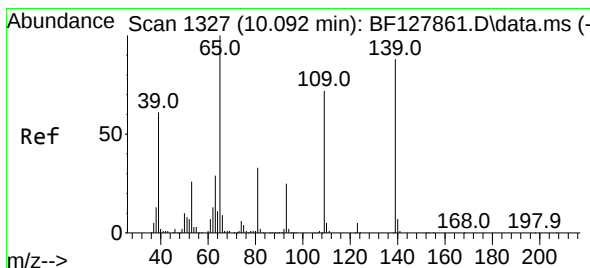
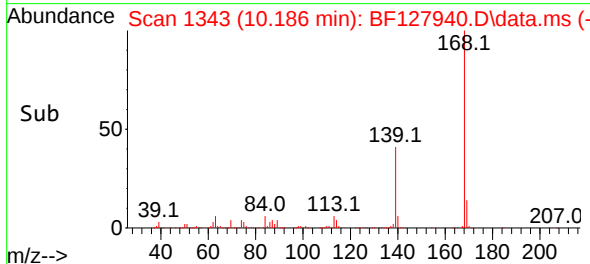
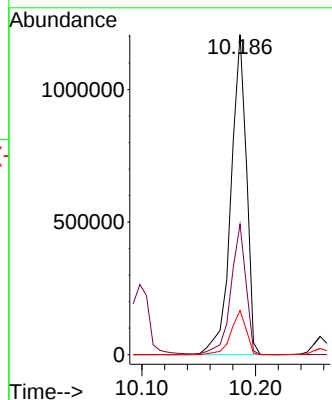
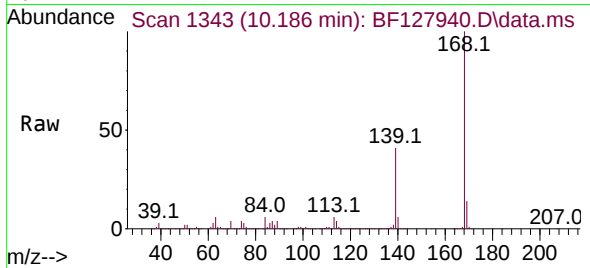




#55
Dibenzofuran
Concen: 42.115 ng
RT: 10.186 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

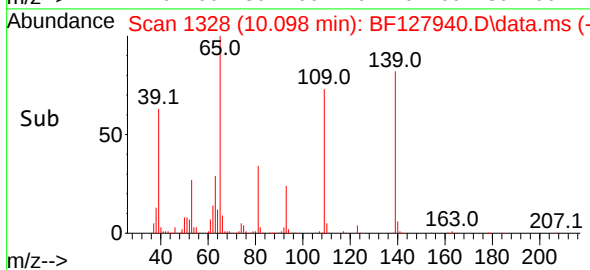
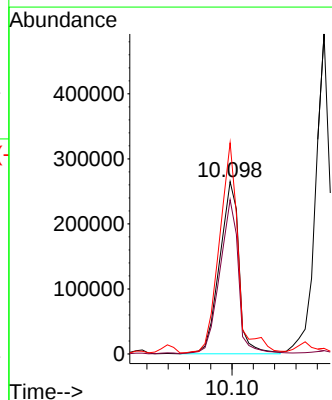
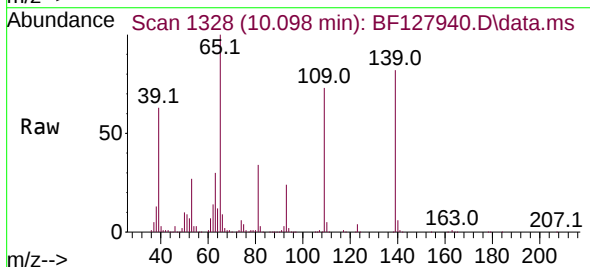
Instrument :
BNA_F
ClientSampleId :
PB144392BS

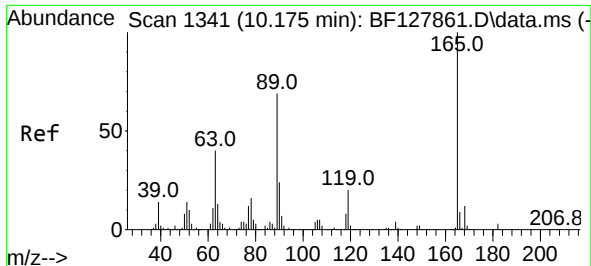
Tgt Ion:168 Resp: 1138318
Ion Ratio Lower Upper
168 100
139 40.8 31.7 47.5
169 13.8 10.9 16.3



#56
4-Nitrophenol
Concen: 83.789 ng
RT: 10.098 min Scan# 1328
Delta R.T. 0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

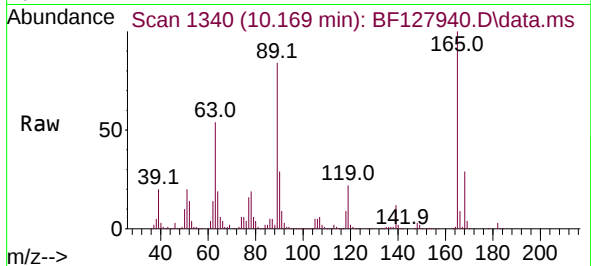
Tgt Ion:139 Resp: 333268
Ion Ratio Lower Upper
139 100
109 89.5 61.9 101.9
65 122.5 93.5 133.5



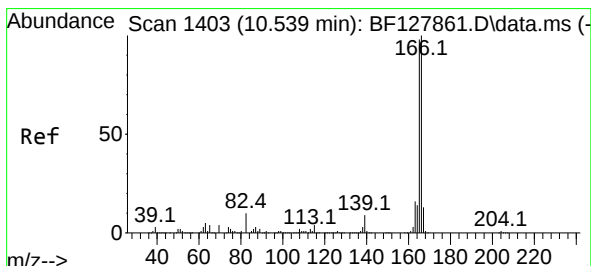
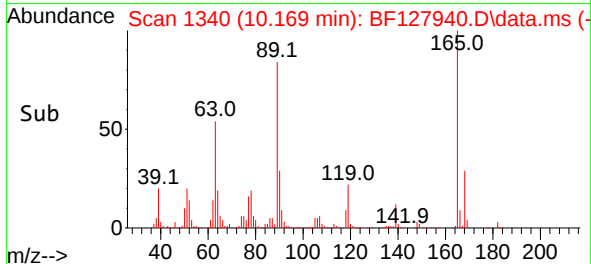
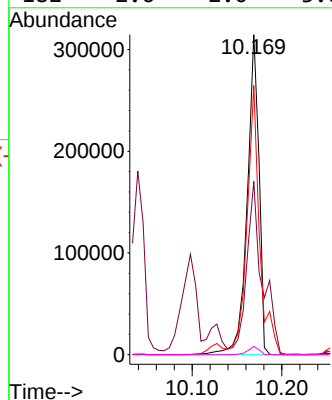


#57
2,4-Dinitrotoluene
Concen: 46.189 ng
RT: 10.169 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Instrument :
BNA_F
ClientSampleId :
PB144392BS

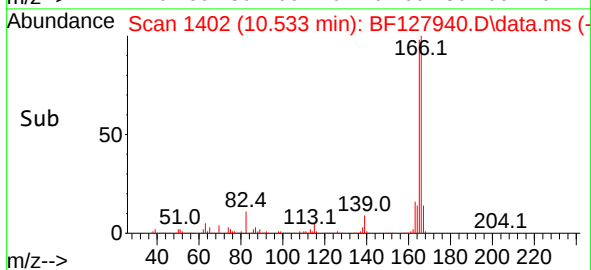
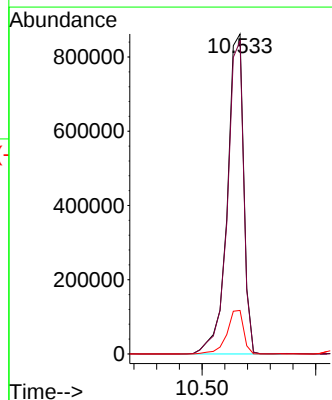
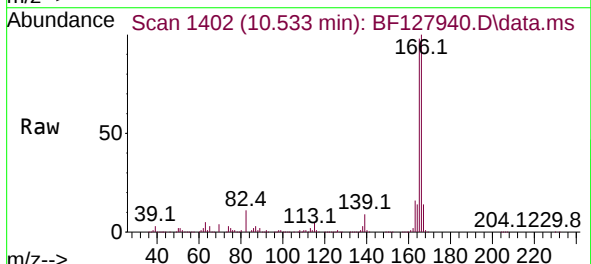


Tgt Ion:165 Resp: 286988
Ion Ratio Lower Upper
165 100
63 54.1 32.6 49.0#
89 84.1 55.2 82.8#
182 2.6 2.0 3.0



#58
Fluorene
Concen: 42.922 ng
RT: 10.533 min Scan# 1402
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion:166 Resp: 865673
Ion Ratio Lower Upper
166 100
165 97.7 78.6 117.8
167 13.6 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.191 ng

RT: 10.304 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

Instrument :

BNA_F

ClientSampleId :

PB144392BS

Tgt Ion:232 Resp: 253094

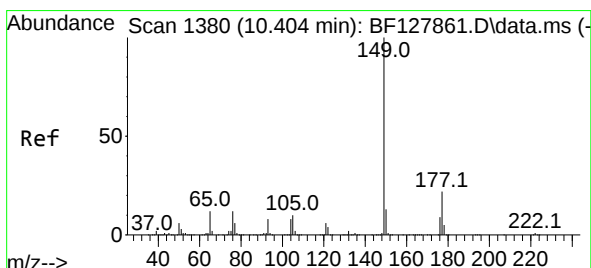
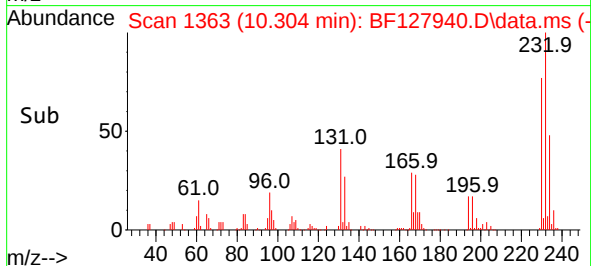
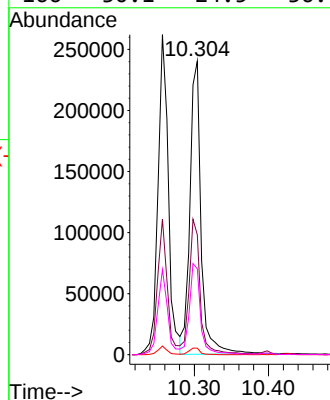
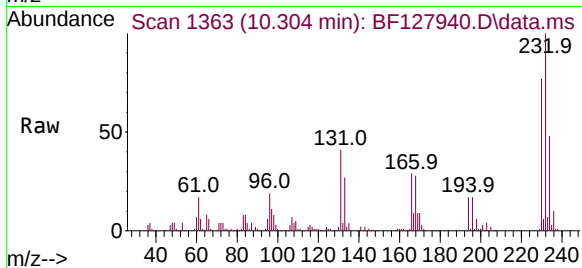
Ion Ratio Lower Upper

232 100

131 44.5 35.4 53.2

130 2.3 1.9 2.9

166 30.1 24.5 36.7



#60

Diethylphthalate

Concen: 42.876 ng

RT: 10.398 min Scan# 1379

Delta R.T. -0.006 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

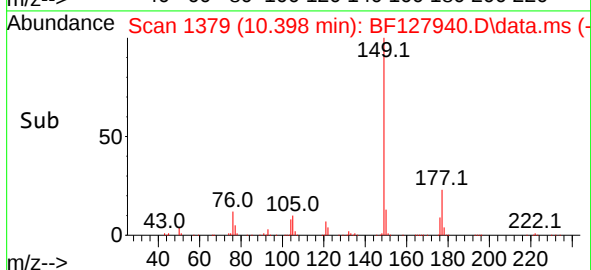
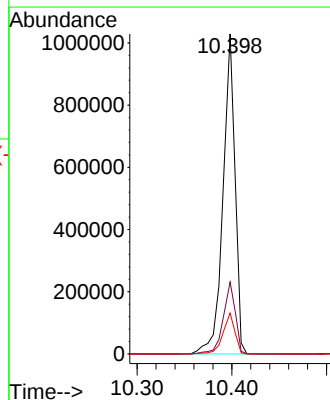
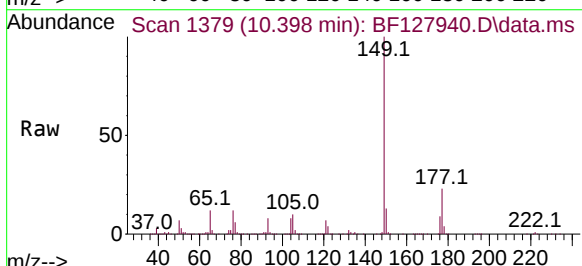
Tgt Ion:149 Resp: 910887

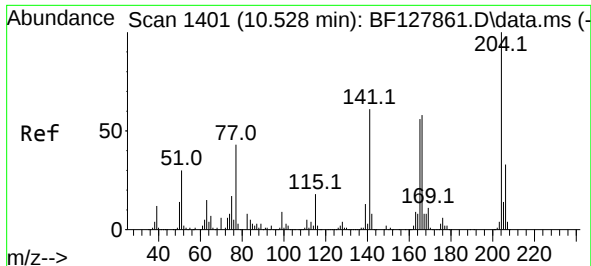
Ion Ratio Lower Upper

149 100

177 22.5 17.8 26.8

150 12.8 10.2 15.2

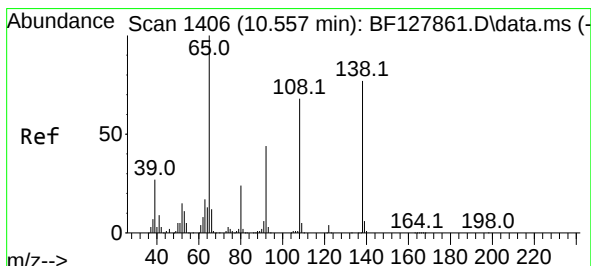
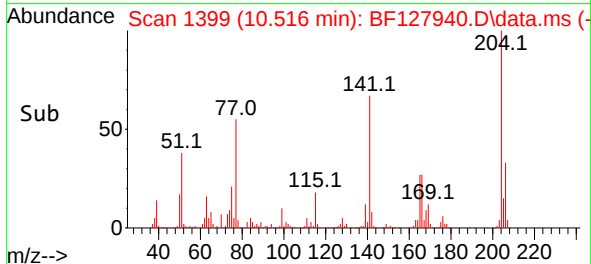
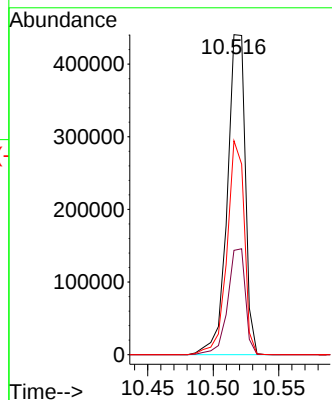
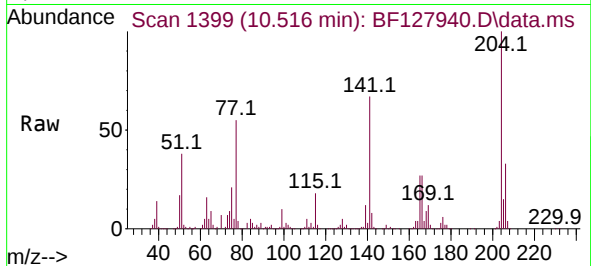




#61
4-Chlorophenyl-phenylether
Concen: 41.954 ng
RT: 10.516 min Scan# 1399
Delta R.T. -0.012 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

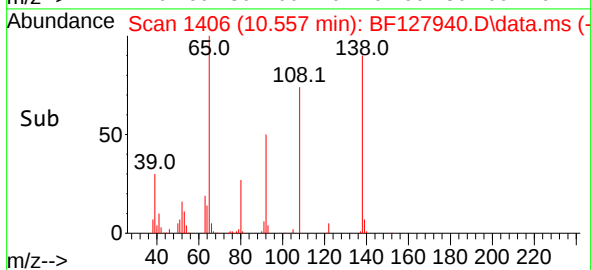
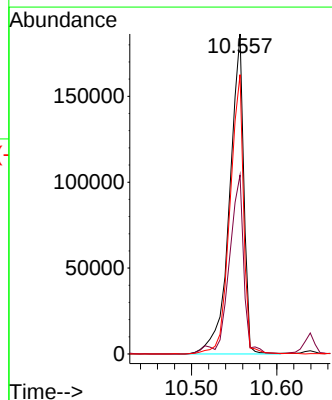
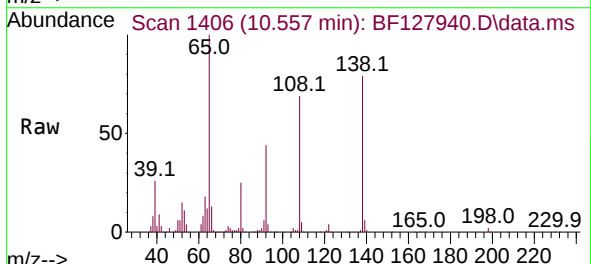
Instrument :
BNA_F
ClientSampleId :
PB144392BS

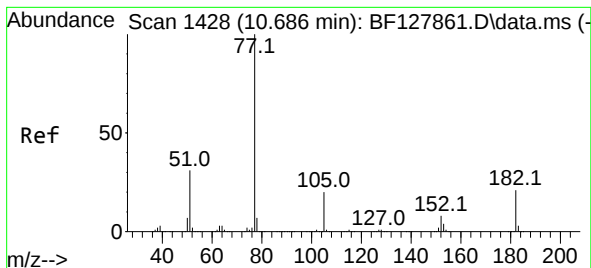
Tgt Ion:204 Resp: 420474
Ion Ratio Lower Upper
204 100
206 32.6 26.5 39.7
141 66.9 48.7 73.1



#62
4-Nitroaniline
Concen: 42.303 ng
RT: 10.557 min Scan# 1406
Delta R.T. -0.000 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion:138 Resp: 215421
Ion Ratio Lower Upper
138 100
92 55.9 37.4 77.4
108 87.3 68.4 108.4





#63

Azobenzene

Concen: 42.937 ng

RT: 10.680 min Scan# 1428

Delta R.T. -0.006 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

Instrument :

BNA_F

ClientSampleId :

PB144392BS

Tgt Ion: 77 Resp: 1003729

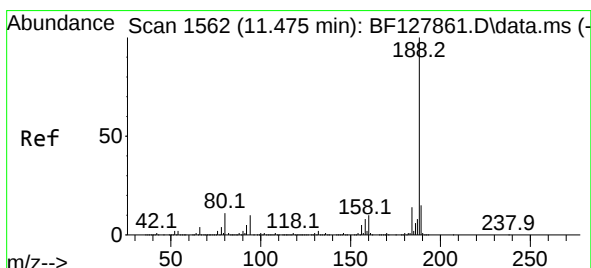
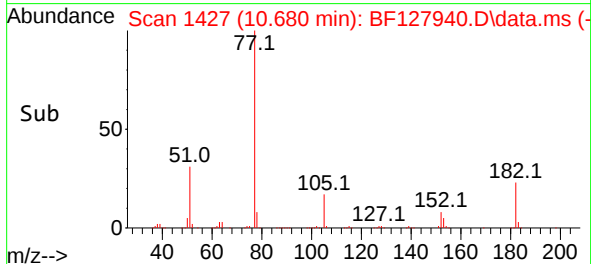
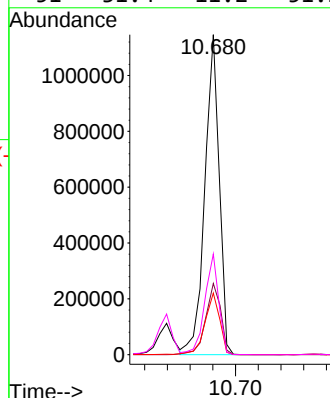
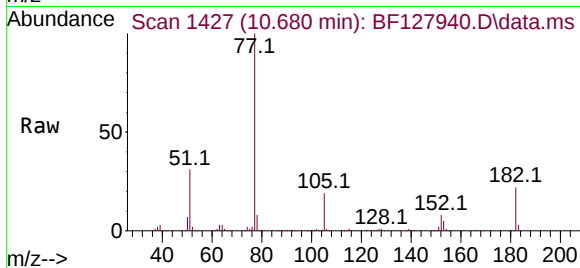
Ion Ratio Lower Upper

77 100

182 22.3 1.2 41.2

105 19.2 0.0 39.8

51 31.4 11.2 51.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.469 min Scan# 1561

Delta R.T. -0.006 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

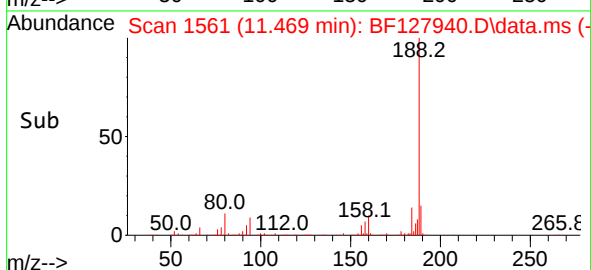
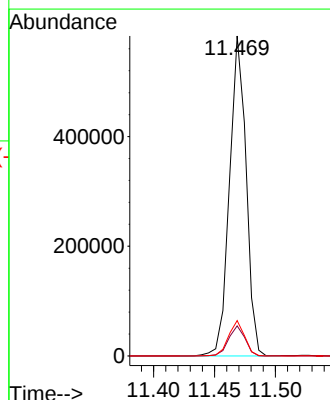
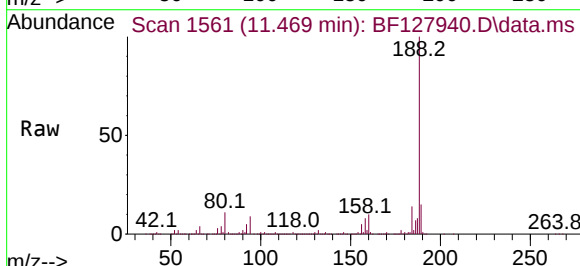
Tgt Ion: 188 Resp: 555116

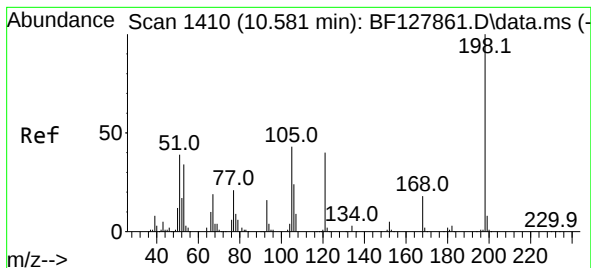
Ion Ratio Lower Upper

188 100

94 9.4 8.0 12.0

80 11.1 8.9 13.3

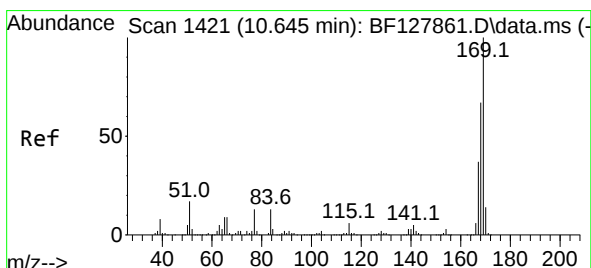
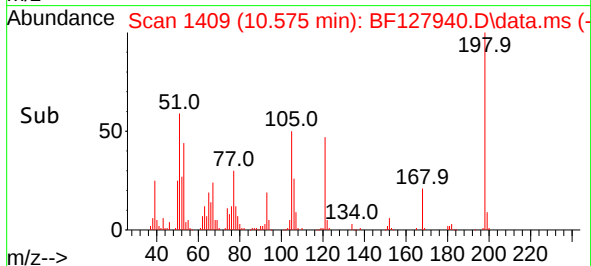
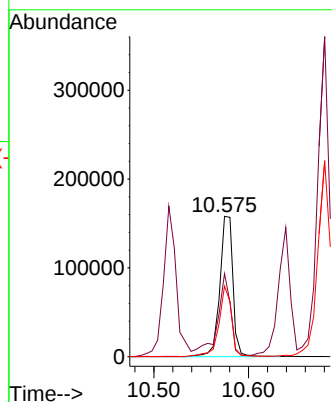
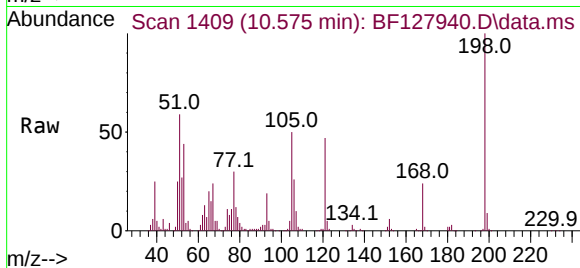




#65
4,6-Dinitro-2-methylphenol
Concen: 46.472 ng
RT: 10.575 min Scan# 1409
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

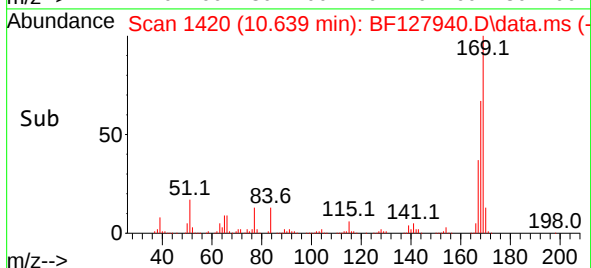
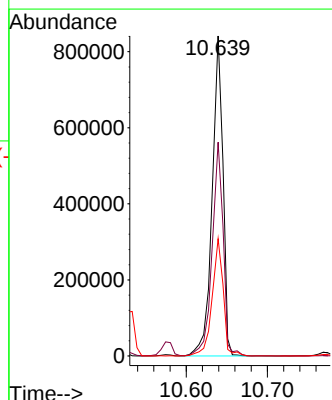
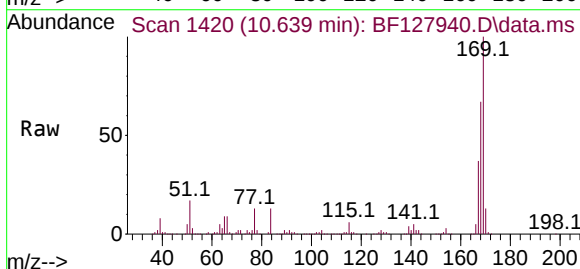
Instrument :
BNA_F
ClientSampleId :
PB144392BS

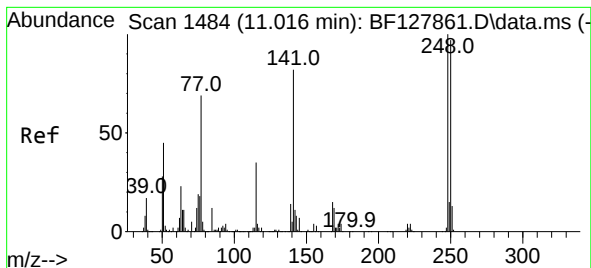
Tgt Ion:198 Resp: 153285
Ion Ratio Lower Upper
198 100
51 59.2 28.4 68.4
105 50.3 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 44.836 ng
RT: 10.639 min Scan# 1420
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion:169 Resp: 774453
Ion Ratio Lower Upper
169 100
168 66.8 53.8 80.6
167 36.7 29.5 44.3

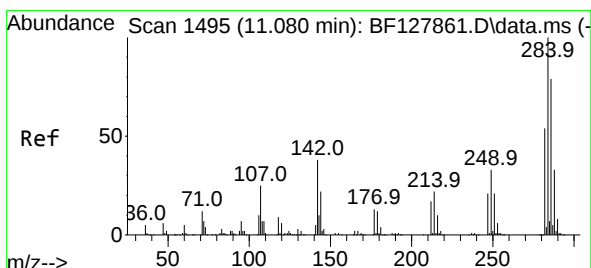
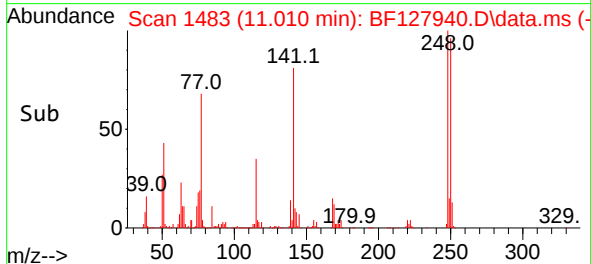
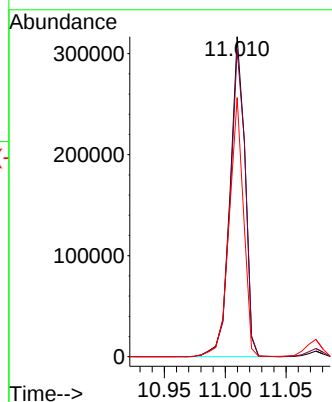
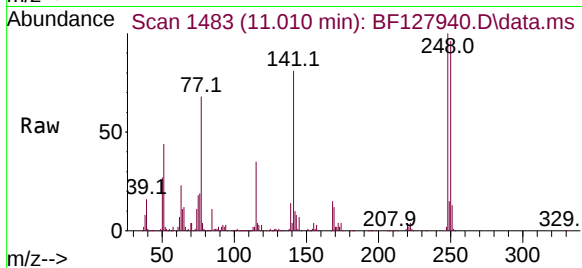




#67
4-Bromophenyl-phenylether
Concen: 43.841 ng
RT: 11.010 min Scan# 1483
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

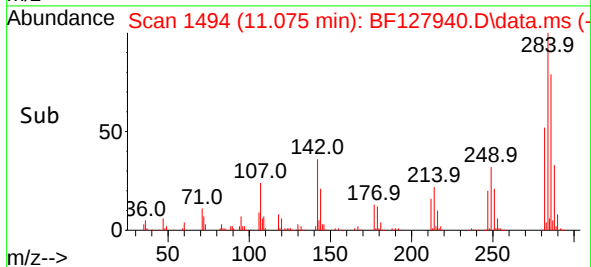
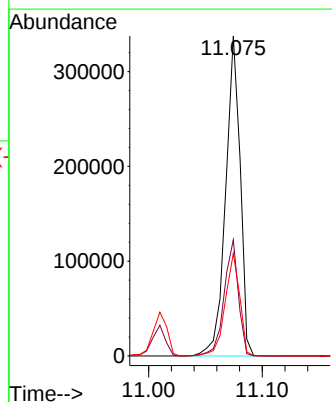
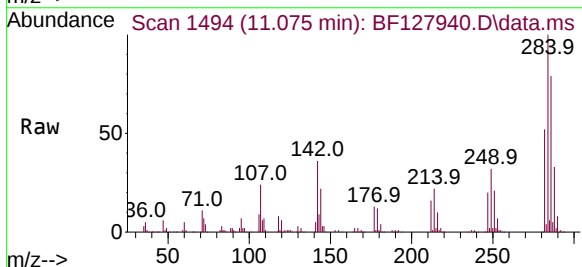
Instrument :
BNA_F
ClientSampleId :
PB144392BS

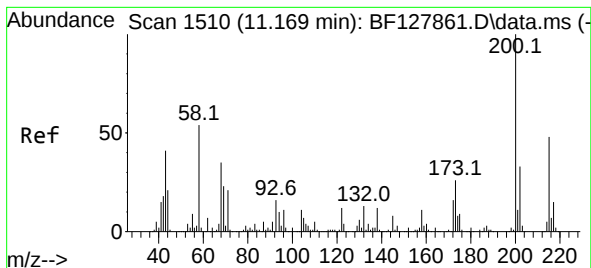
Tgt Ion:248 Resp: 269785
Ion Ratio Lower Upper
248 100
250 96.0 77.7 116.5
141 81.0 65.6 98.4



#68
Hexachlorobenzene
Concen: 46.292 ng
RT: 11.075 min Scan# 1494
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion:284 Resp: 300137
Ion Ratio Lower Upper
284 100
142 36.3 30.2 45.4
249 32.1 26.1 39.1





#69

Atrazine

Concen: 50.529 ng

RT: 11.169 min Scan# 1510

Delta R.T. -0.000 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

Instrument :

BNA_F

ClientSampleId :

PB144392BS

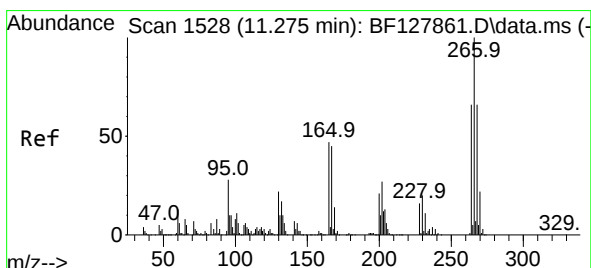
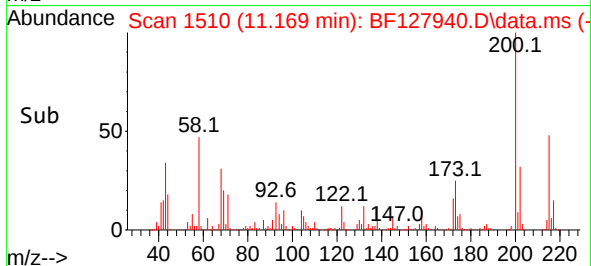
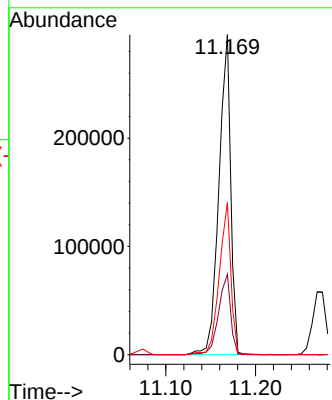
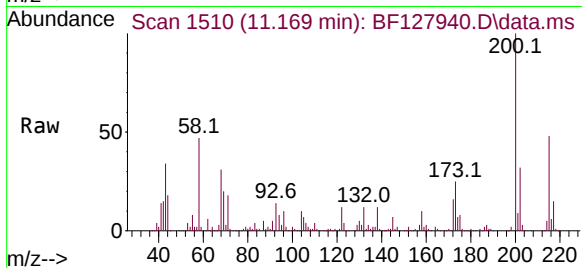
Tgt Ion:200 Resp: 269882

Ion Ratio Lower Upper

200 100

173 25.2 6.0 46.0

215 47.5 28.1 68.1



#70

Pentachlorophenol

Concen: 87.189 ng

RT: 11.275 min Scan# 1528

Delta R.T. -0.000 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

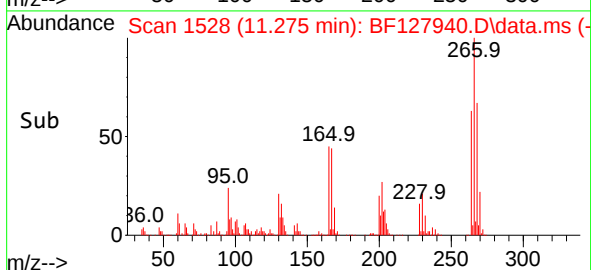
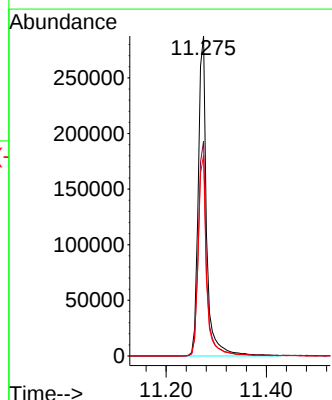
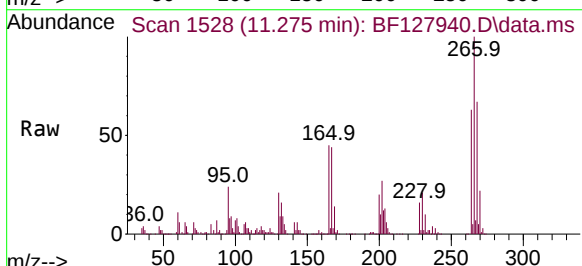
Tgt Ion:266 Resp: 332565

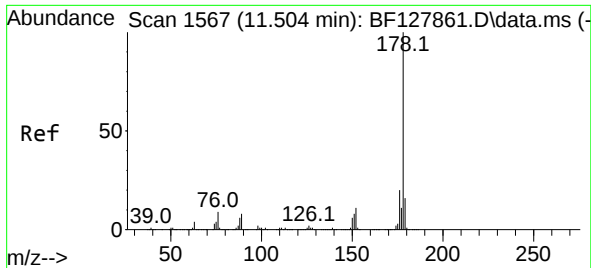
Ion Ratio Lower Upper

266 100

268 67.2 53.0 79.6

264 62.7 53.1 79.7

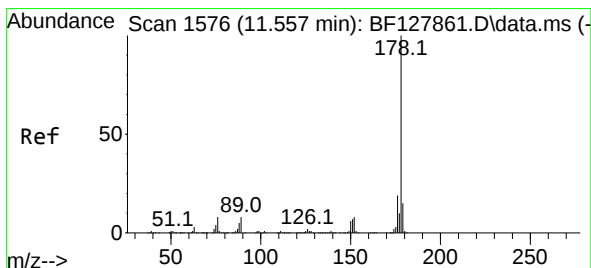
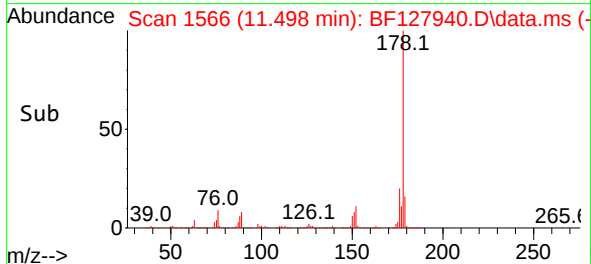
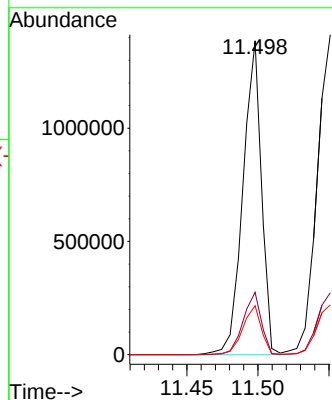
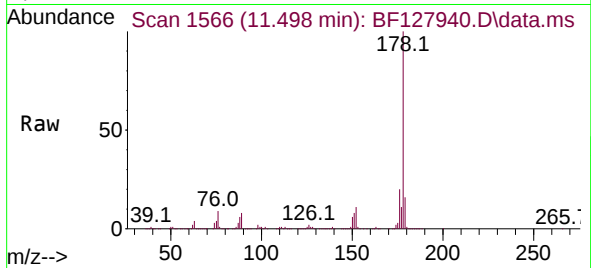




#71
Phenanthrene
Concen: 43.321 ng
RT: 11.498 min Scan# 1566
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

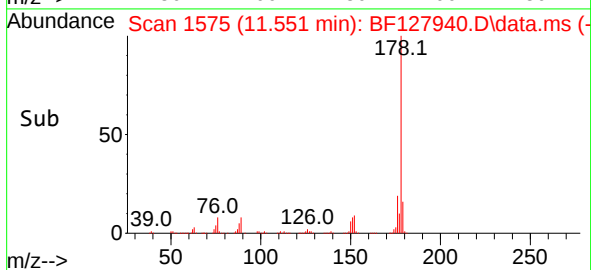
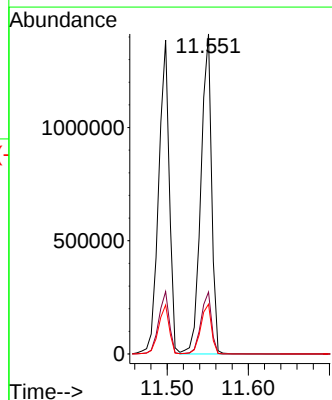
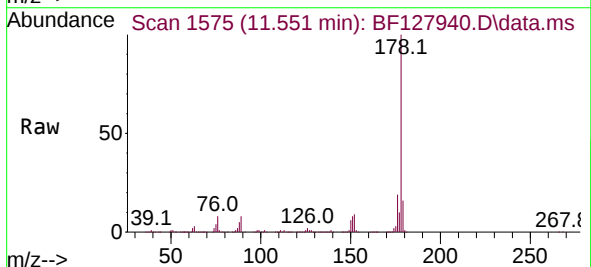
Instrument :
BNA_F
ClientSampleId :
PB144392BS

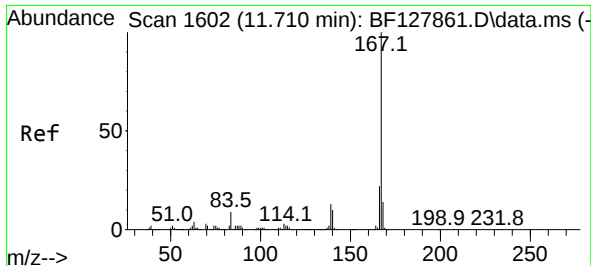
Tgt Ion:178 Resp: 1258821
Ion Ratio Lower Upper
178 100
176 19.9 15.7 23.5
179 15.6 12.6 19.0



#72
Anthracene
Concen: 44.589 ng
RT: 11.551 min Scan# 1575
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion:178 Resp: 1290660
Ion Ratio Lower Upper
178 100
176 19.4 15.0 22.6
179 15.6 12.4 18.6

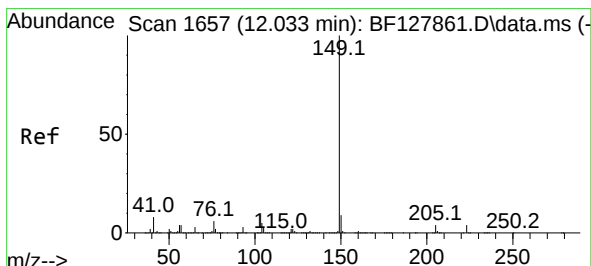
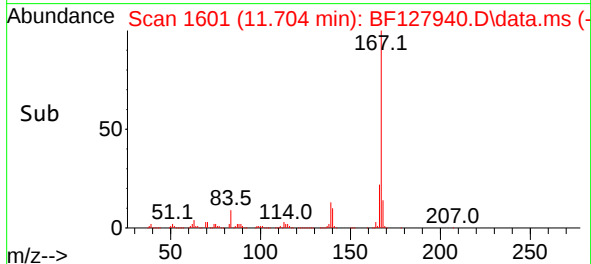
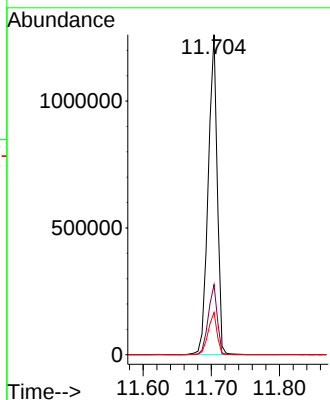
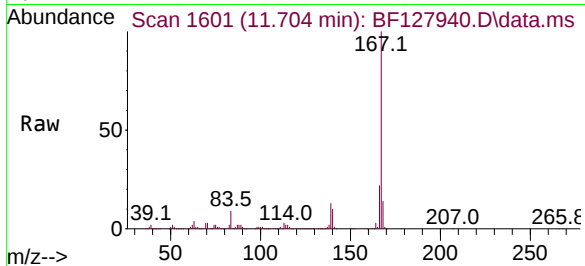




#73
Carbazole
Concen: 41.767 ng
RT: 11.704 min Scan# 1601
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

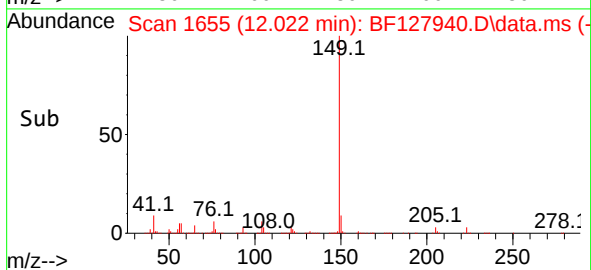
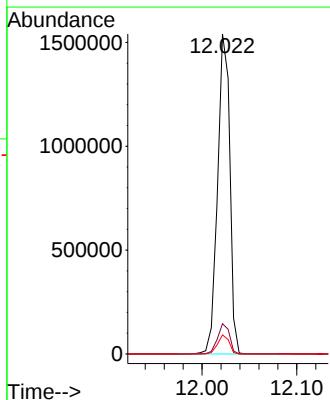
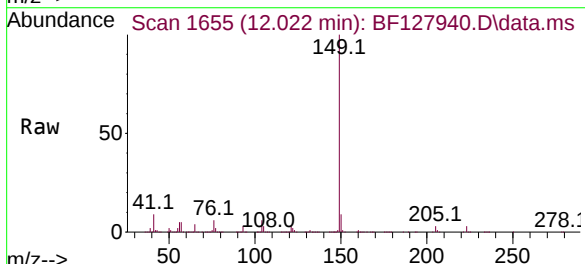
Instrument :
BNA_F
ClientSampleId :
PB144392BS

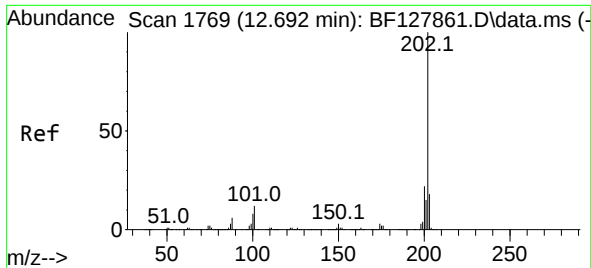
Tgt Ion:167 Resp: 1165187
Ion Ratio Lower Upper
167 100
166 21.9 17.6 26.4
139 13.2 10.7 16.1



#74
Di-n-butylphthalate
Concen: 44.027 ng
RT: 12.022 min Scan# 1655
Delta R.T. -0.012 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion:149 Resp: 1381132
Ion Ratio Lower Upper
149 100
150 9.5 7.5 11.3
104 5.9 4.3 6.5

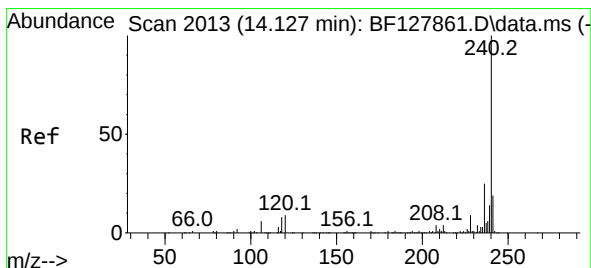
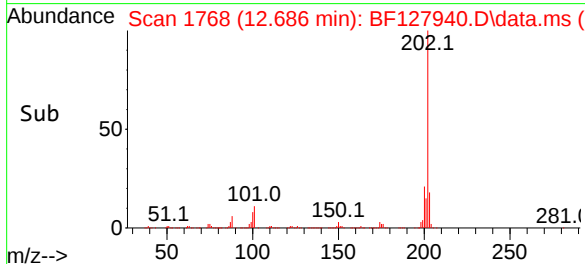
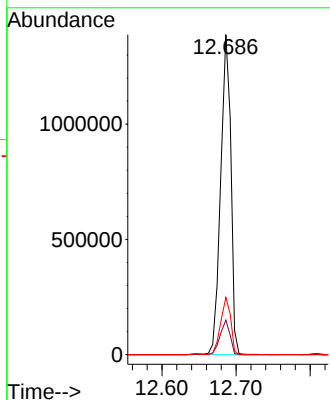
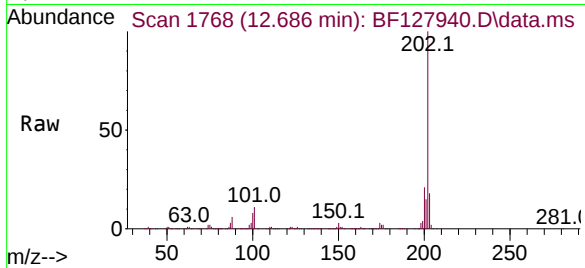




#75
Fluoranthene
Concen: 43.563 ng
RT: 12.686 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

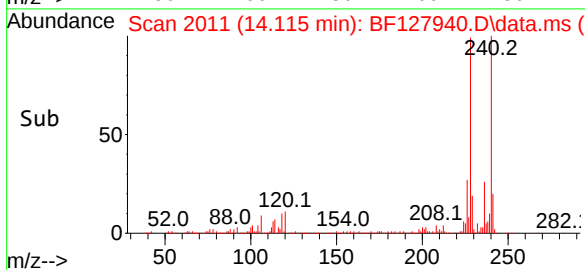
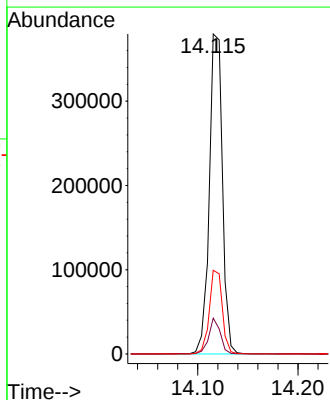
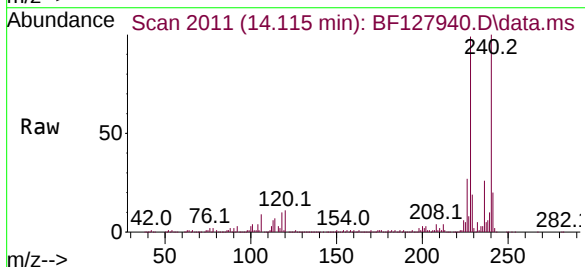
Instrument :
BNA_F
ClientSampleId :
PB144392BS

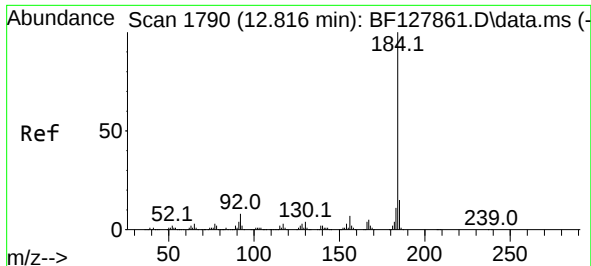
Tgt Ion:202 Resp: 1332271
Ion Ratio Lower Upper
202 100
101 10.8 0.0 31.6
203 17.9 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.115 min Scan# 2011
Delta R.T. -0.012 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion:240 Resp: 347596
Ion Ratio Lower Upper
240 100
120 11.2 7.0 10.6#
236 26.1 20.3 30.5

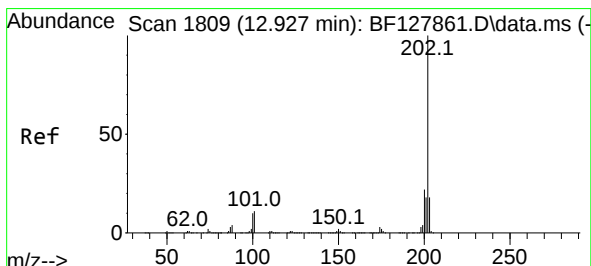
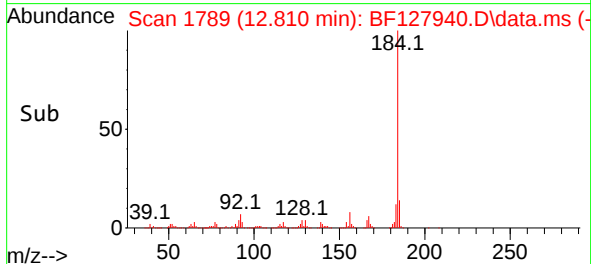
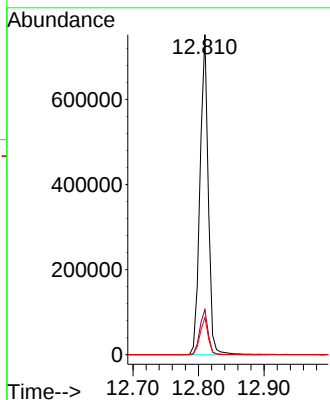
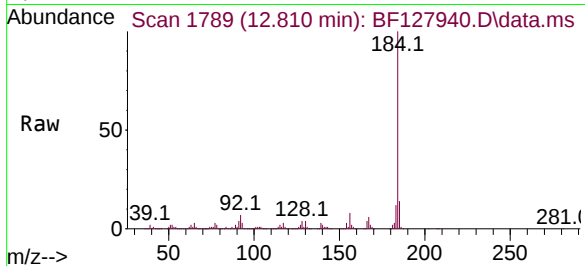




#77
Benzidine
Concen: 100.477 ng
RT: 12.810 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

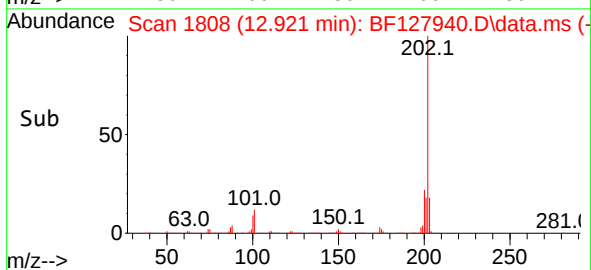
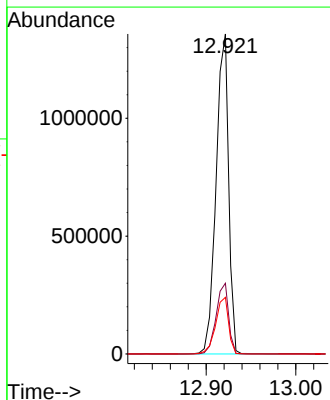
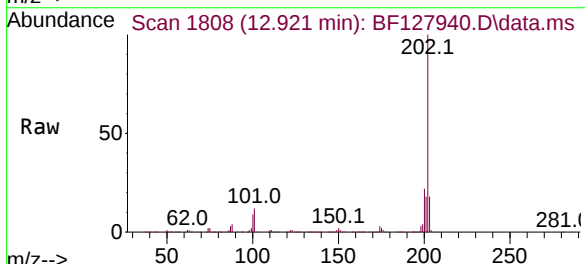
Instrument :
BNA_F
ClientSampleId :
PB144392BS

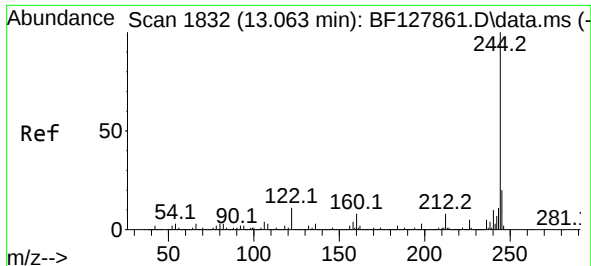
Tgt Ion:184 Resp: 660839
Ion Ratio Lower Upper
184 100
185 14.1 12.1 18.1
183 11.6 9.0 13.4



#78
Pyrene
Concen: 46.853 ng
RT: 12.921 min Scan# 1808
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion:202 Resp: 1314693
Ion Ratio Lower Upper
202 100
200 22.1 17.4 26.2
203 17.7 14.0 21.0

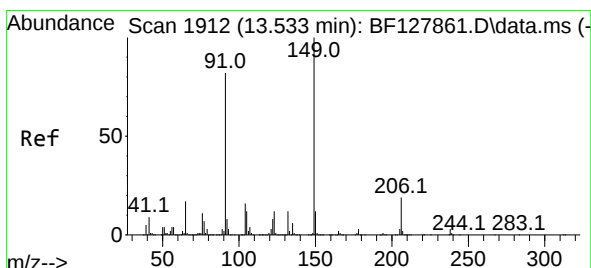
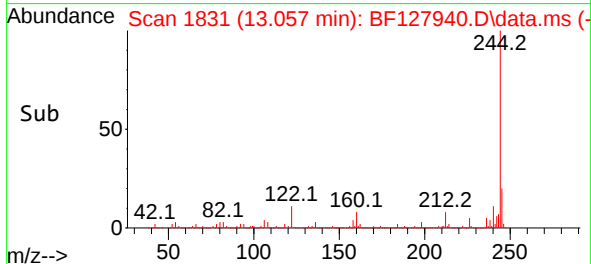
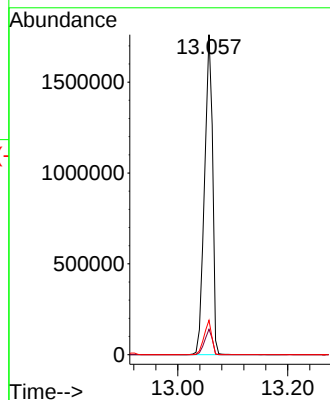
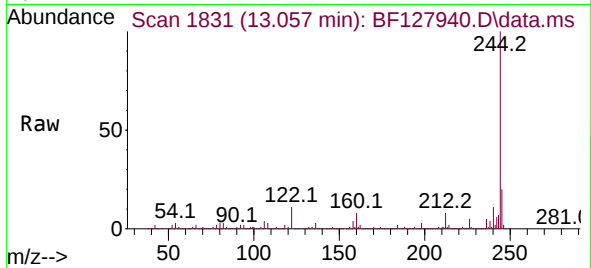




#79
 Terphenyl-d14
 Concen: 94.137 ng
 RT: 13.057 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF127940.D
 Acq: 27 Apr 2022 12:34

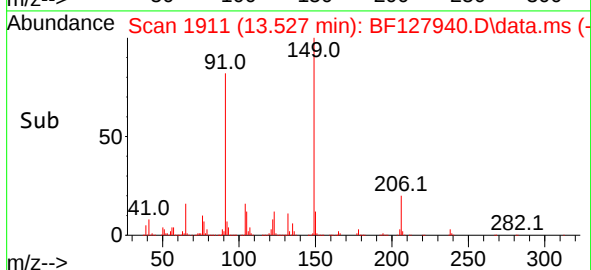
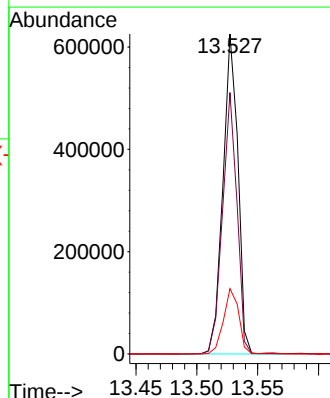
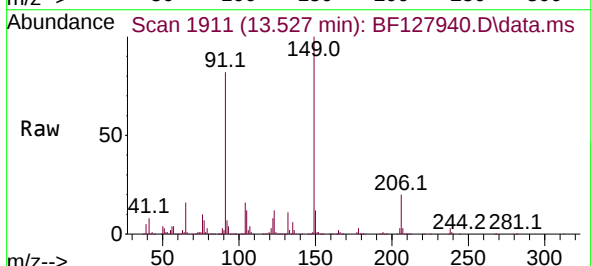
Instrument :
 BNA_F
 ClientSampleId :
 PB144392BS

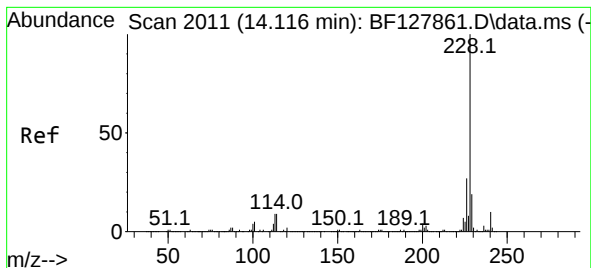
Tgt Ion:244 Resp: 1789468
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.2 9.4
 122 10.8 8.6 12.8



#80
 Butylbenzylphthalate
 Concen: 48.708 ng
 RT: 13.527 min Scan# 1911
 Delta R.T. -0.006 min
 Lab File: BF127940.D
 Acq: 27 Apr 2022 12:34

Tgt Ion:149 Resp: 535693
 Ion Ratio Lower Upper
 149 100
 91 81.7 65.8 98.6
 206 20.4 15.4 23.2





#81

Benzo(a)anthracene

Concen: 45.992 ng

RT: 14.110 min Scan# 2011

Delta R.T. -0.006 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

Instrument :

BNA_F

ClientSampleId :

PB144392BS

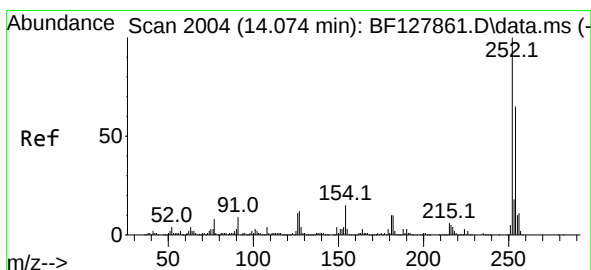
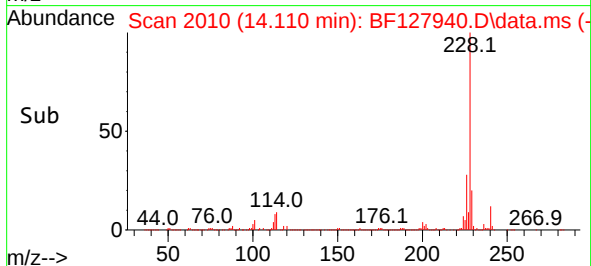
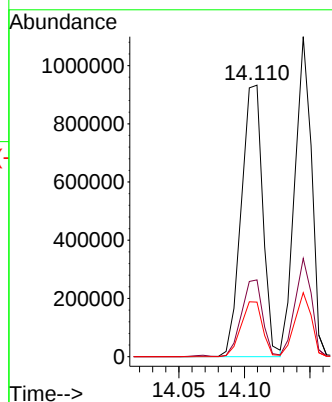
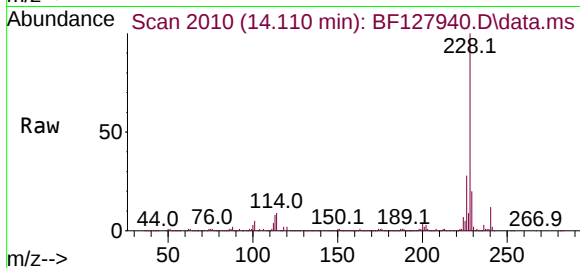
Tgt Ion:228 Resp: 1065557

Ion Ratio Lower Upper

228 100

226 28.3 21.7 32.5

229 20.1 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 27.186 ng

RT: 14.068 min Scan# 2003

Delta R.T. -0.006 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

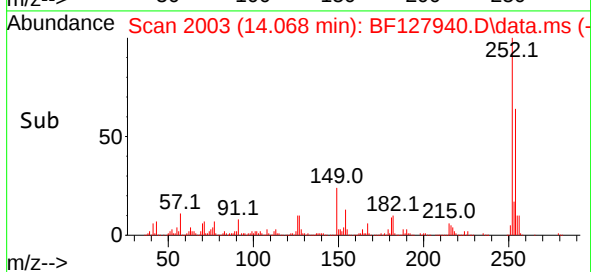
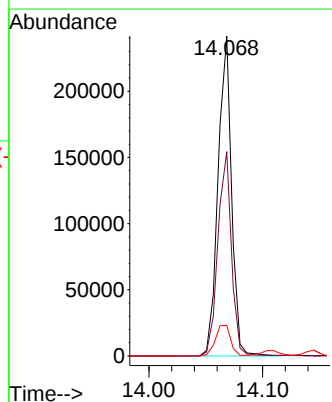
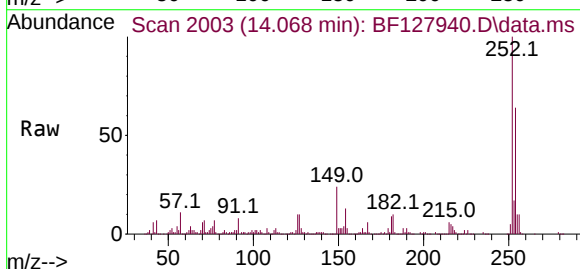
Tgt Ion:252 Resp: 199990

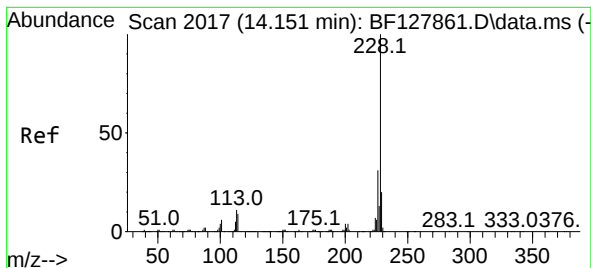
Ion Ratio Lower Upper

252 100

254 63.9 51.6 77.4

126 9.5 8.8 13.2





#83

Chrysene

Concen: 43.959 ng

RT: 14.145 min Scan# 20

Delta R.T. -0.006 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

Instrument :

BNA_F

ClientSampleId :

PB144392BS

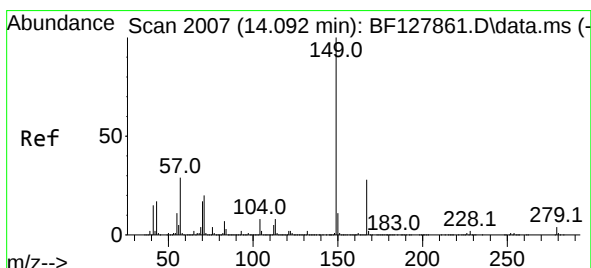
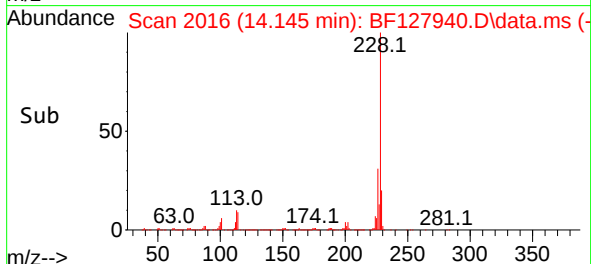
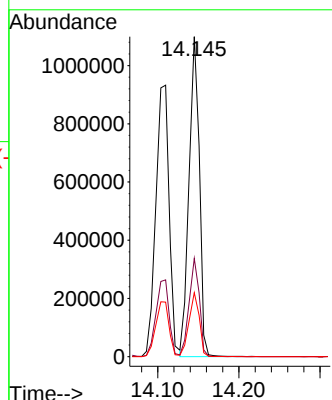
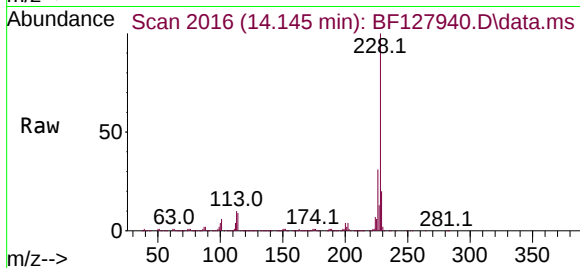
Tgt Ion:228 Resp: 972653

Ion Ratio Lower Upper

228 100

226 30.7 24.4 36.6

229 20.0 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.885 ng

RT: 14.080 min Scan# 2005

Delta R.T. -0.012 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

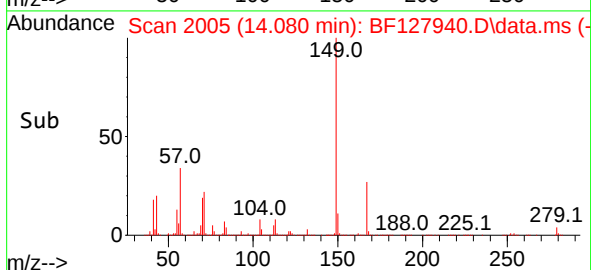
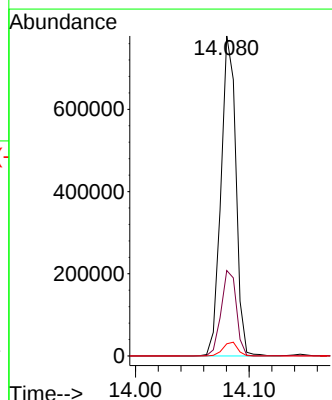
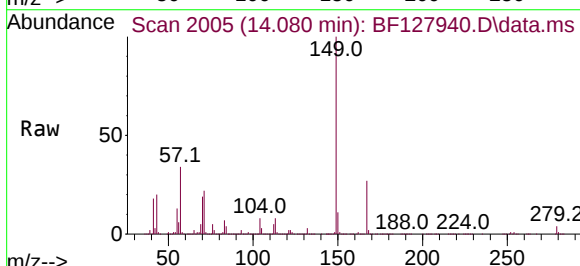
Tgt Ion:149 Resp: 712980

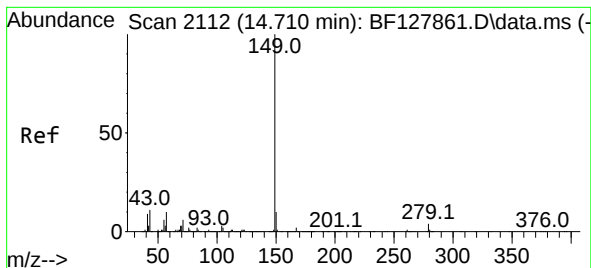
Ion Ratio Lower Upper

149 100

167 26.7 22.0 33.0

279 3.8 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 47.399 ng

RT: 14.704 min Scan# 2111

Delta R.T. -0.006 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

Instrument :

BNA_F

ClientSampleId :

PB144392BS

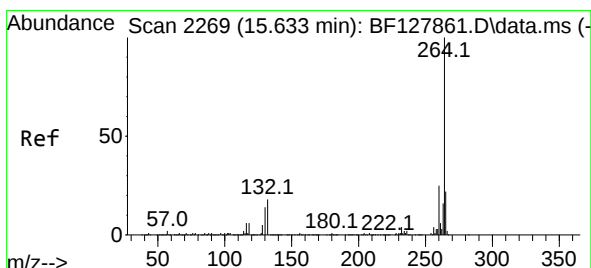
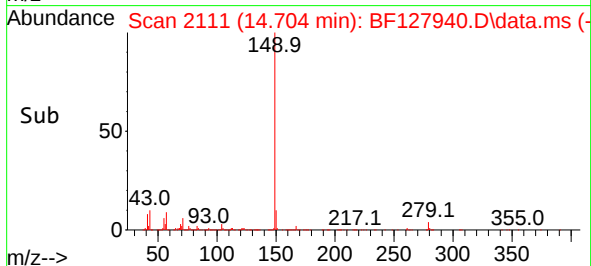
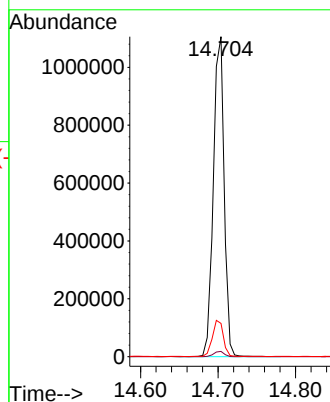
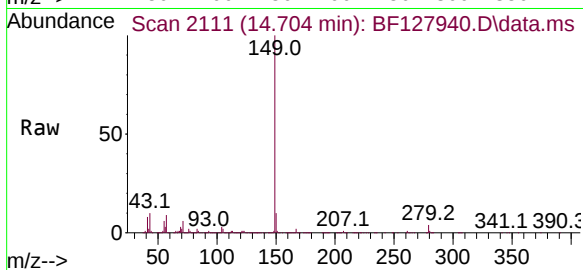
Tgt Ion:149 Resp: 1071326

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 11.4 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.627 min Scan# 2268

Delta R.T. -0.006 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

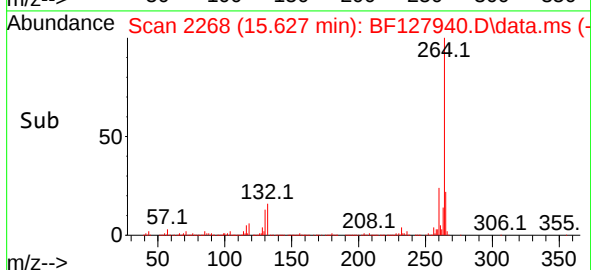
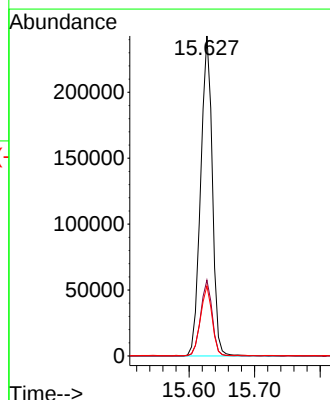
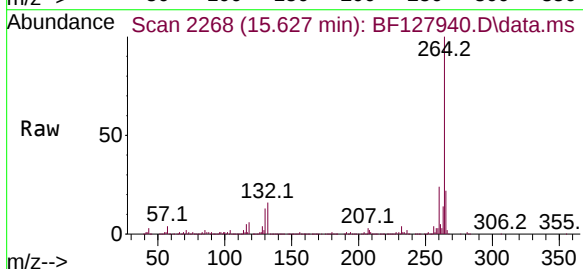
Tgt Ion:264 Resp: 300320

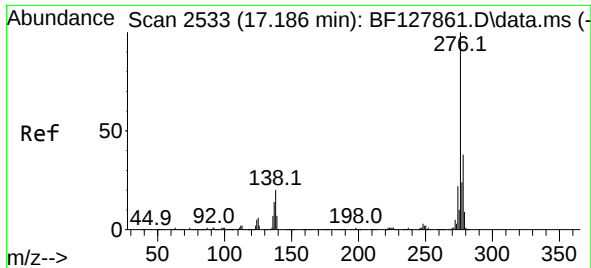
Ion Ratio Lower Upper

264 100

260 23.7 20.1 30.1

265 21.9 17.5 26.3

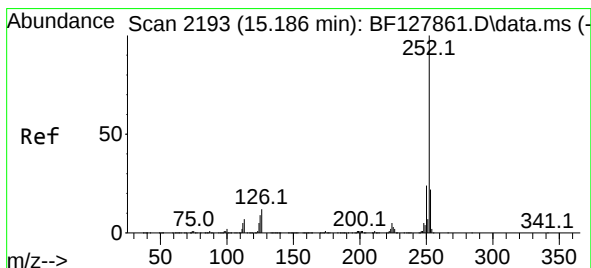
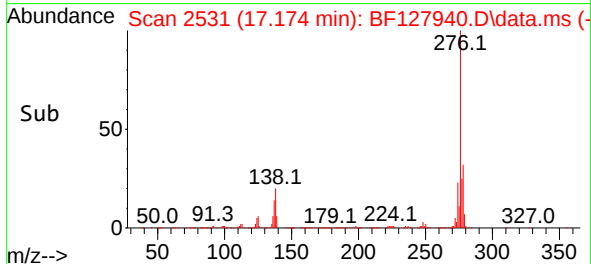
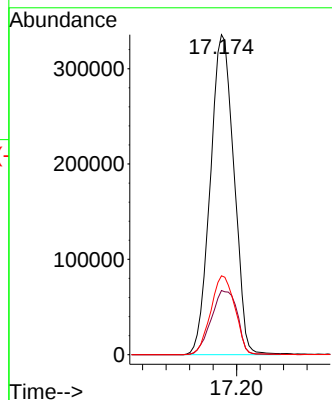
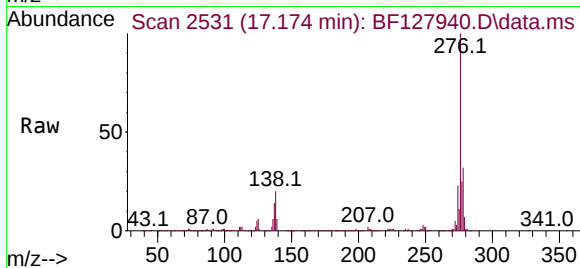




#87
Indeno(1,2,3-cd)pyrene
Concen: 46.783 ng
RT: 17.174 min Scan# 21
Delta R.T. -0.012 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

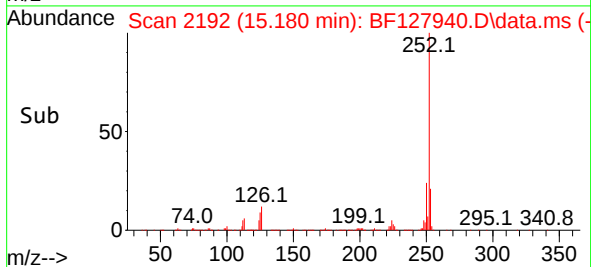
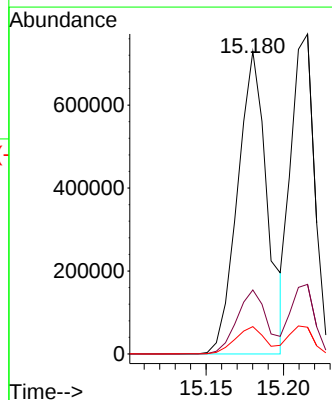
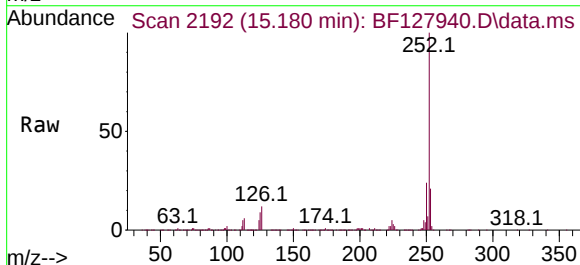
Instrument :
BNA_F
ClientSampleId :
PB144392BS

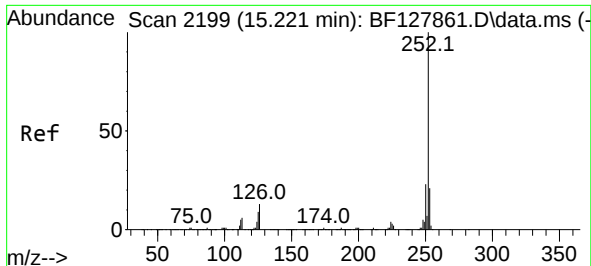
Tgt Ion:276 Resp: 937808
Ion Ratio Lower Upper
276 100
138 22.2 19.0 28.4
277 25.4 20.1 30.1



#88
Benzo(b)fluoranthene
Concen: 51.323 ng
RT: 15.180 min Scan# 2192
Delta R.T. -0.006 min
Lab File: BF127940.D
Acq: 27 Apr 2022 12:34

Tgt Ion:252 Resp: 968095
Ion Ratio Lower Upper
252 100
253 21.2 17.4 26.2
125 9.0 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 43.080 ng

RT: 15.215 min Scan# 2199

Delta R.T. -0.006 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

Instrument :

BNA_F

ClientSampleId :

PB144392BS

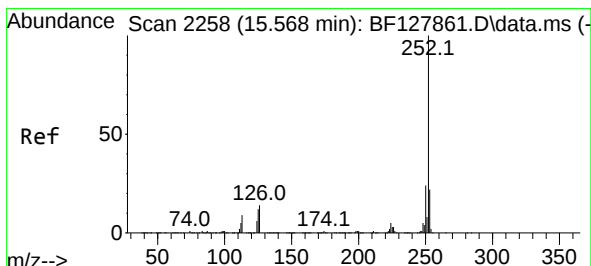
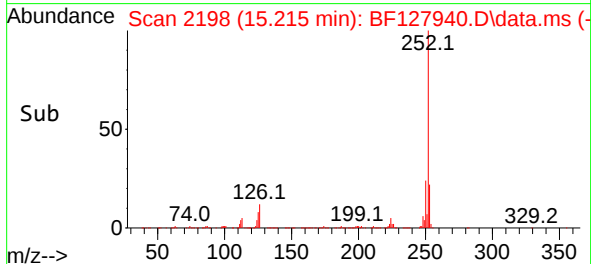
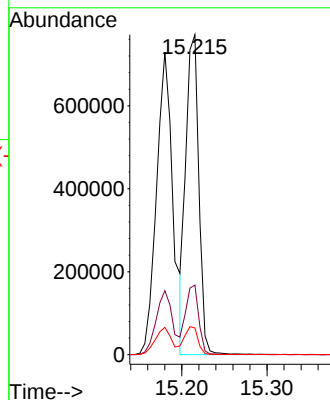
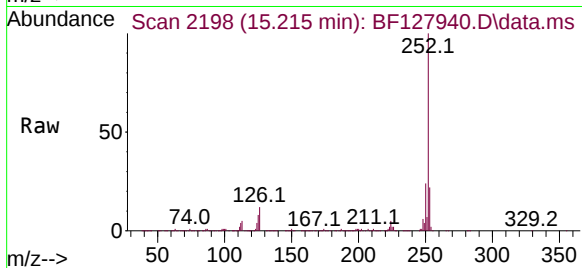
Tgt Ion:252 Resp: 818690

Ion Ratio Lower Upper

252 100

253 21.8 17.0 25.4

125 8.4 6.8 10.2



#90

Benzo(a)pyrene

Concen: 55.256 ng

RT: 15.568 min Scan# 2258

Delta R.T. -0.000 min

Lab File: BF127940.D

Acq: 27 Apr 2022 12:34

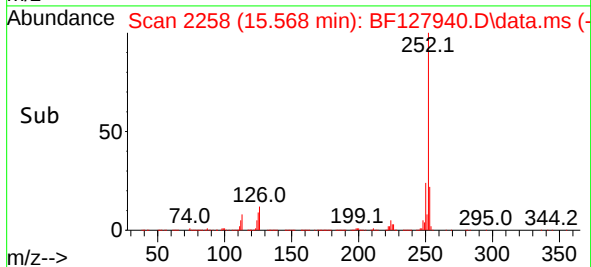
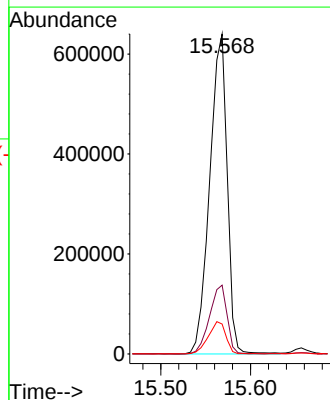
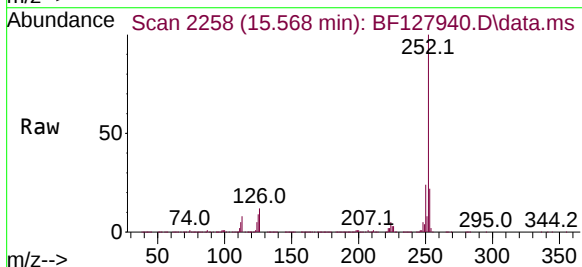
Tgt Ion:252 Resp: 864565

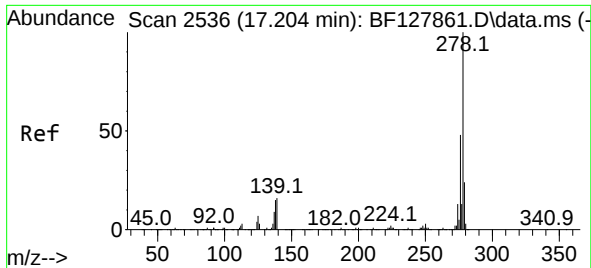
Ion Ratio Lower Upper

252 100

253 21.5 17.8 26.6

125 9.3 9.2 13.8

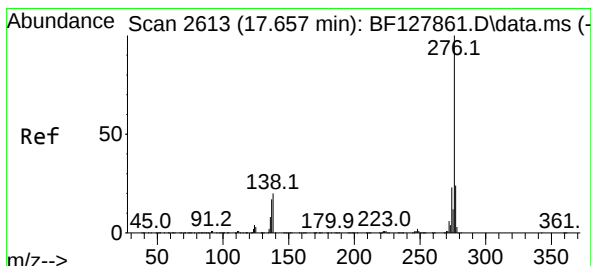
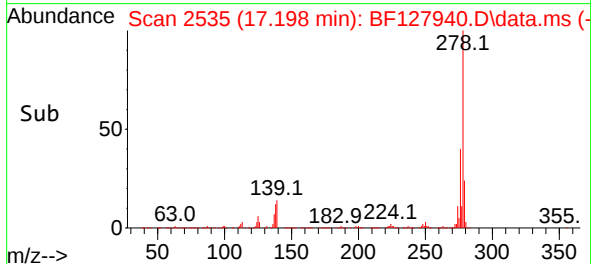
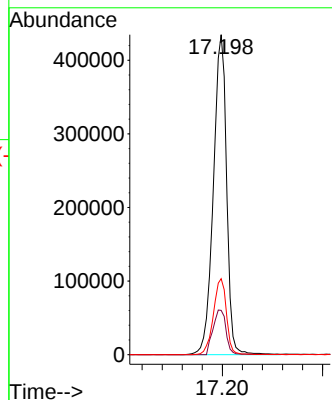
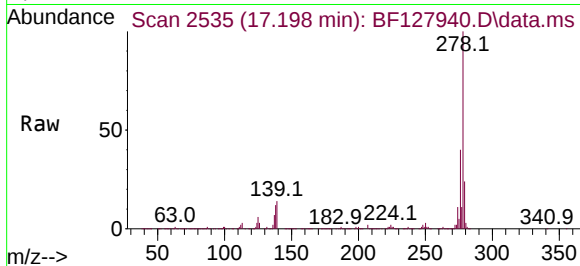




#91
 Dibenzo(a,h)anthracene
 Concen: 49.549 ng
 RT: 17.198 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF127940.D
 Acq: 27 Apr 2022 12:34

Instrument :
 BNA_F
 ClientSampleId :
 PB144392BS

Tgt Ion:278 Resp: 796587
 Ion Ratio Lower Upper
 278 100
 139 13.9 12.6 19.0
 279 23.8 18.9 28.3



#92
 Benzo(g,h,i)perylene
 Concen: 48.451 ng
 RT: 17.651 min Scan# 2612
 Delta R.T. -0.006 min
 Lab File: BF127940.D
 Acq: 27 Apr 2022 12:34

Tgt Ion:276 Resp: 820876
 Ion Ratio Lower Upper
 276 100
 277 23.5 18.8 28.2
 138 20.1 16.2 24.2

