

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042622\
 Data File : BF127909.D
 Acq On : 26 Apr 2022 12:44
 Operator : CG\JU
 Sample : PB144358BSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144215BSD

Quant Time: Apr 27 01:46:49 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	6.945	152	185850	20.000	ng	0.00
21) Naphthalene-d8	8.228	136	721125	20.000	ng	0.00
39) Acenaphthene-d10	9.992	164	392216	20.000	ng	0.00
64) Phenanthrene-d10	11.480	188	658905	20.000	ng	0.00
76) Chrysene-d12	14.133	240	392613	20.000	ng	0.00
86) Perylene-d12	15.645	264	330714	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.587	112	1005300	86.157	ng	0.02
7) Phenol-d6	6.575	99	1307391	86.351	ng	0.00
23) Nitrobenzene-d5	7.516	82	1352432	88.191	ng	0.00
42) 2,4,6-Tribromophenol	10.786	330	341193	86.415	ng	0.00
45) 2-Fluorobiphenyl	9.310	172	2063644	89.011	ng	0.00
79) Terphenyl-d14	13.069	244	1989188	92.645	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.952	88	192266	34.536	ng	98
3) Pyridine	3.687	79	534811	37.492	ng	99
4) n-Nitrosodimethylamine	3.663	42	320752	46.454	ng	99
6) Aniline	6.610	93	680133	37.809	ng	99
8) 2-Chlorophenol	6.734	128	585600	48.355	ng	97
9) Benzaldehyde	6.498	77	390913	41.736	ng	93
10) Phenol	6.587	94	742081	48.596	ng	96
11) bis(2-Chloroethyl)ether	6.681	93	588362	46.448	ng	96
12) 1,3-Dichlorobenzene	6.887	146	602542	43.223	ng	98
13) 1,4-Dichlorobenzene	6.963	146	602853	43.326	ng	98
14) 1,2-Dichlorobenzene	7.110	146	587461	45.606	ng	98
15) Benzyl Alcohol	7.093	79	470394	45.687	ng	100
16) 2,2'-oxybis(1-Chloropr...	7.216	45	902567	46.620	ng	96
17) 2-Methylphenol	7.198	107	528827	50.610	ng	93
18) Hexachloroethane	7.457	117	240486	47.012	ng	99
19) n-Nitroso-di-n-propyla...	7.363	70	439337	47.403	ng	99
20) 3+4-Methylphenols	7.351	107	541127	42.870	ng	# 90
22) Acetophenone	7.357	105	776458	44.177	ng	# 93
24) Nitrobenzene	7.534	77	687064	46.495	ng	98
25) Isophorone	7.769	82	1279745	49.583	ng	100
26) 2-Nitrophenol	7.845	139	313663	49.812	ng	96
27) 2,4-Dimethylphenol	7.881	122	545692	52.174	ng	99
28) bis(2-Chloroethoxy)met...	7.975	93	752786	45.510	ng	99
29) 2,4-Dichlorophenol	8.087	162	489572	44.680	ng	99
30) 1,2,4-Trichlorobenzene	8.169	180	547375	43.978	ng	99
31) Naphthalene	8.251	128	1614792	43.966	ng	100
32) Benzoic acid	8.016	122	304850	40.664	ng	95
33) 4-Chloroaniline	8.298	127	338861	23.318	ng	100
34) Hexachlorobutadiene	8.357	225	355661	45.366	ng	98
35) Caprolactam	8.687	113	93207	26.352	ng	94
36) 4-Chloro-3-methylphenol	8.787	107	523861	44.766	ng	97
37) 2-Methylnaphthalene	8.945	142	1084619	44.684	ng	100
38) 1-Methylnaphthalene	9.045	142	1030215	43.666	ng	99
40) 1,2,4,5-Tetrachloroben...	9.110	216	506572	43.819	ng	98
41) Hexachlorocyclopentadiene	9.092	237	710296	113.403	ng	100
43) 2,4,6-Trichlorophenol	9.222	196	342572	45.035	ng	99

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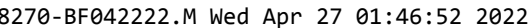
Instrument :
 BNA_F
 ClientSampleId :
 PB144215BSD

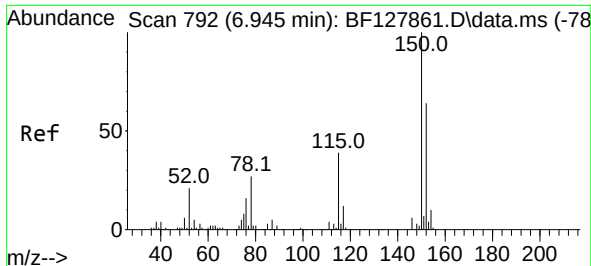
Quant Time: Apr 27 01:46:49 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Apr 24 00:43:03 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.263	196	361251	43.686	ng	100
46) 1,1'-Biphenyl	9.410	154	1296783	44.635	ng	100
47) 2-Chloronaphthalene	9.434	162	958781	43.350	ng	97
48) 2-Nitroaniline	9.534	65	343968	45.976	ng	97
49) Acenaphthylene	9.857	152	1533723	45.334	ng	100
50) Dimethylphthalate	9.710	163	1145975	43.566	ng	100
51) 2,6-Dinitrotoluene	9.775	165	263378	46.246	ng	93
52) Acenaphthene	10.028	154	926564	40.736	ng	99
53) 3-Nitroaniline	9.945	138	163102	25.790	ng	99
54) 2,4-Dinitrophenol	10.057	184	277520	92.528	ng	89
55) Dibenzofuran	10.198	168	1348772	41.101	ng	98
56) 4-Nitrophenol	10.116	139	361254	74.807	ng	97
57) 2,4-Dinitrotoluene	10.181	165	340862	45.184	ng	# 82
58) Fluorene	10.545	166	1012815	41.361	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.316	232	294345	42.329	ng	99
60) Diethylphthalate	10.410	149	1105176	42.847	ng	99
61) 4-Chlorophenyl-phenyle...	10.533	204	512659	42.130	ng	97
62) 4-Nitroaniline	10.569	138	254216	41.116	ng	100
63) Azobenzene	10.692	77	1189318	41.903	ng	99
65) 4,6-Dinitro-2-methylph...	10.592	198	180871	46.198	ng	98
66) n-Nitrosodiphenylamine	10.651	169	918372	44.793	ng	99
67) 4-Bromophenyl-phenylether	11.022	248	325906	44.618	ng	99
68) Hexachlorobenzene	11.086	284	353207	45.896	ng	99
69) Atrazine	11.180	200	320557	50.563	ng	97
70) Pentachlorophenol	11.286	266	384532	84.934	ng	98
71) Phenanthrene	11.510	178	1459730	42.322	ng	99
72) Anthracene	11.563	178	1491762	43.419	ng	99
73) Carbazole	11.716	167	1329856	40.161	ng	100
74) Di-n-butylphthalate	12.033	149	1620744	43.528	ng	99
75) Fluoranthene	12.698	202	1481892	40.823	ng	99
77) Benzidine	12.822	184	684583	92.153	ng	98
78) Pyrene	12.933	202	1494783	47.163	ng	99
80) Butylbenzylphthalate	13.539	149	627018	50.474	ng	98
81) Benzo(a)anthracene	14.121	228	1201373	45.909	ng	99
82) 3,3'-Dichlorobenzidine	14.080	252	249820	30.066	ng	98
83) Chrysene	14.157	228	1098324	43.947	ng	99
84) Bis(2-ethylhexyl)phtha...	14.092	149	866486	52.598	ng	100
85) Di-n-octyl phthalate	14.716	149	1319088	51.669	ng	99
87) Indeno(1,2,3-cd)pyrene	17.198	276	1020400	46.225	ng	99
88) Benzo(b)fluoranthene	15.198	252	1007423	48.500	ng	99
89) Benzo(k)fluoranthene	15.227	252	945023	45.158	ng	98
90) Benzo(a)pyrene	15.580	252	936032	54.326	ng	98
91) Dibenzo(a,h)anthracene	17.221	278	864876	48.853	ng	98
92) Benzo(g,h,i)perylene	17.680	276	881124	47.227	ng	100

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

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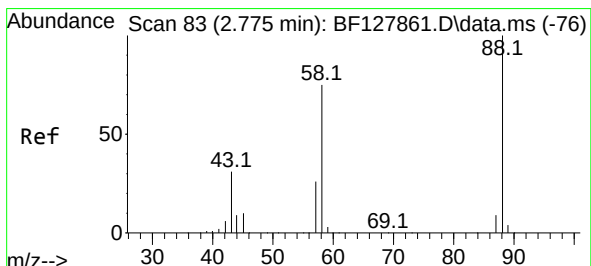
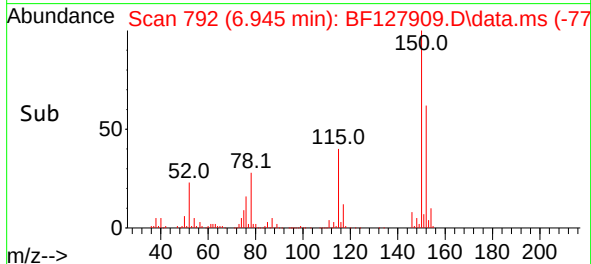
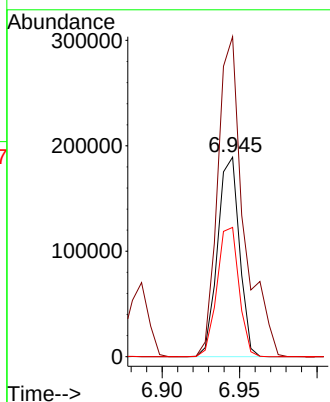
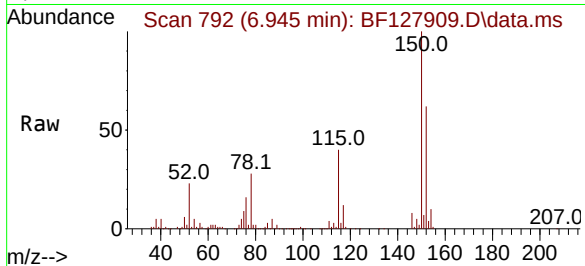




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.945 min Scan# 792
 Delta R.T. 0.000 min
 Lab File: BF127909.D
 Acq: 26 Apr 2022 12:44

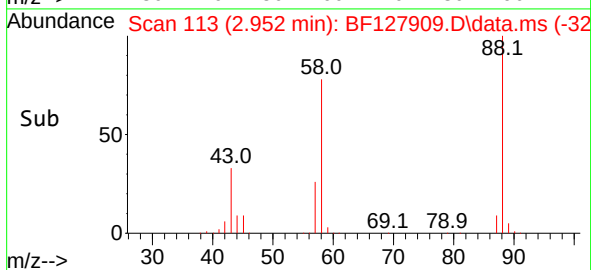
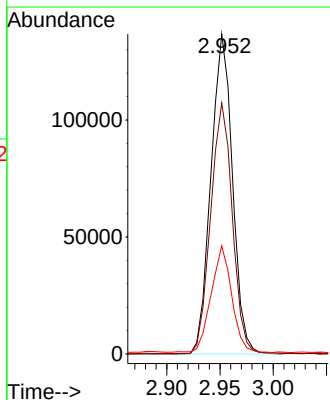
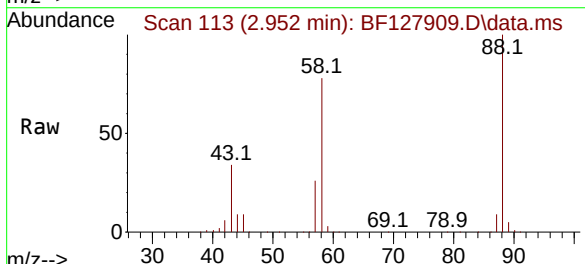
Instrument :
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 PB144215BSD

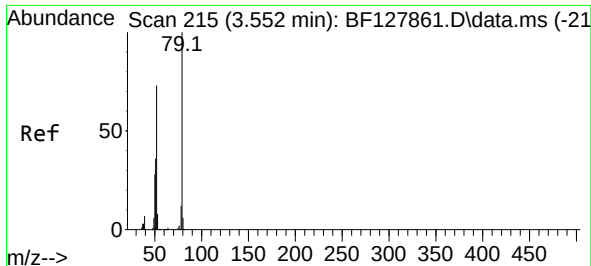
Tgt Ion:152 Resp: 185850
 Ion Ratio Lower Upper
 152 100
 150 160.3 125.3 187.9
 115 64.8 48.8 73.2



#2
 1,4-Dioxane
 Concen: 34.536 ng
 RT: 2.952 min Scan# 113
 Delta R.T. 0.176 min
 Lab File: BF127909.D
 Acq: 26 Apr 2022 12:44

Tgt Ion: 88 Resp: 192266
 Ion Ratio Lower Upper
 88 100
 58 78.6 61.0 91.4
 43 31.8 24.9 37.3

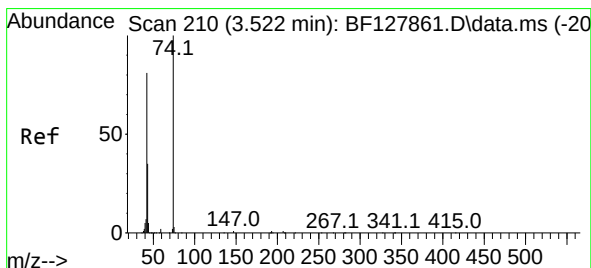
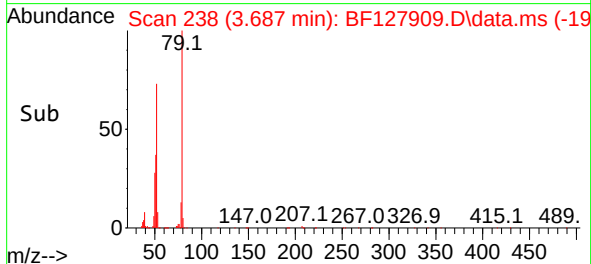
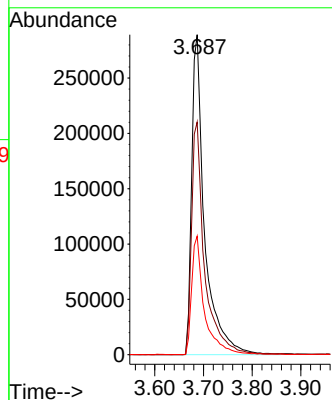
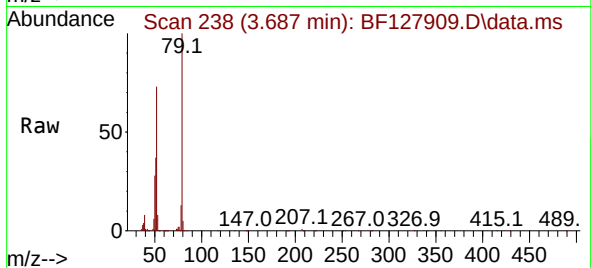




#3
Pyridine
Concen: 37.492 ng
RT: 3.687 min Scan# 215
Delta R.T. 0.135 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

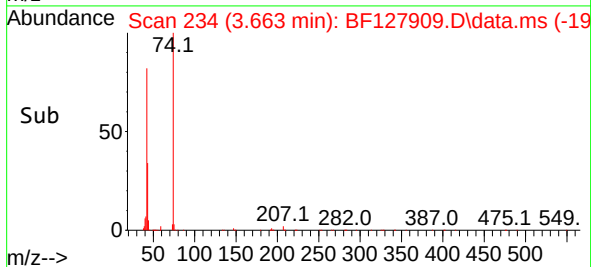
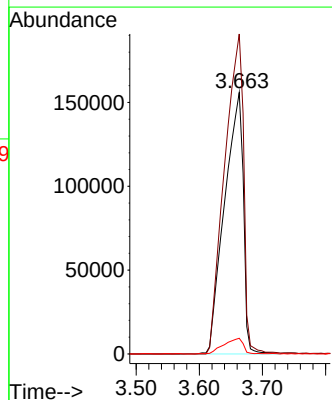
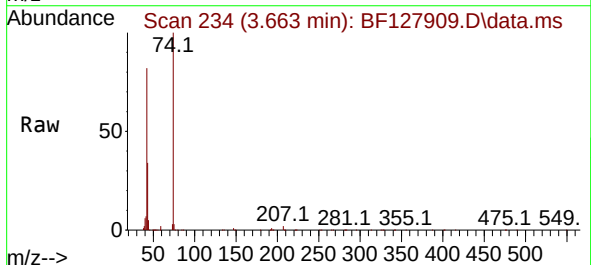
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

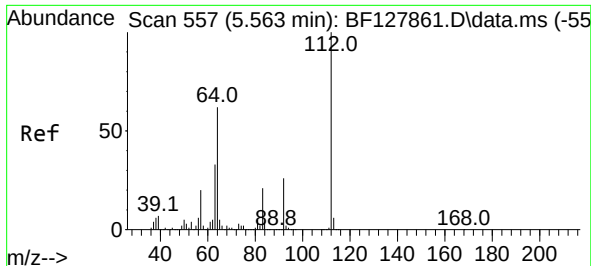
Tgt Ion: 79 Resp: 534811
Ion Ratio Lower Upper
79 100
52 72.7 58.3 87.5
51 37.1 28.6 42.8



#4
n-Nitrosodimethylamine
Concen: 46.454 ng
RT: 3.663 min Scan# 234
Delta R.T. 0.141 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion: 42 Resp: 320752
Ion Ratio Lower Upper
42 100
74 122.4 99.0 148.4
44 6.0 5.2 7.8

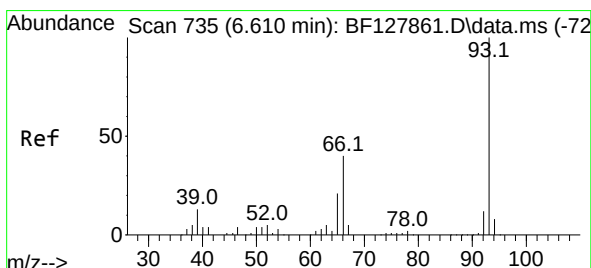
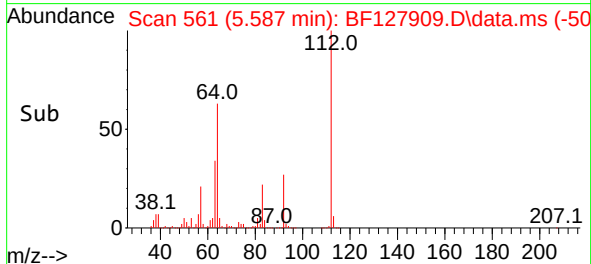
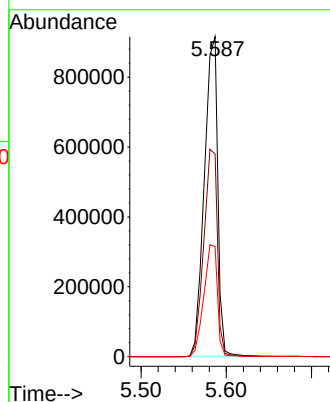
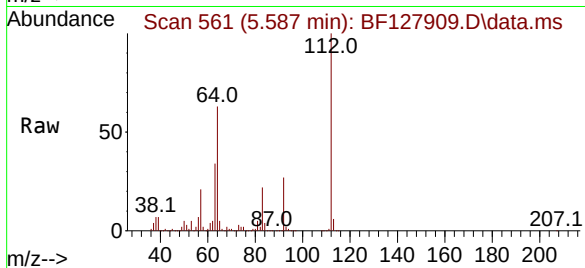




#5
2-Fluorophenol
Concen: 86.157 ng
RT: 5.587 min Scan# 50
Delta R.T. 0.024 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

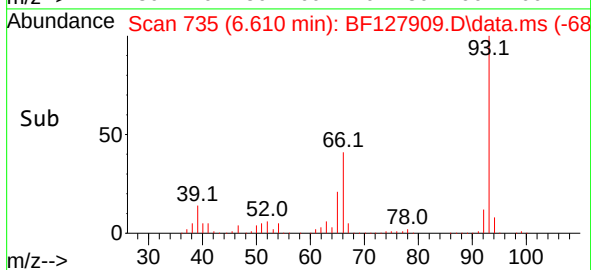
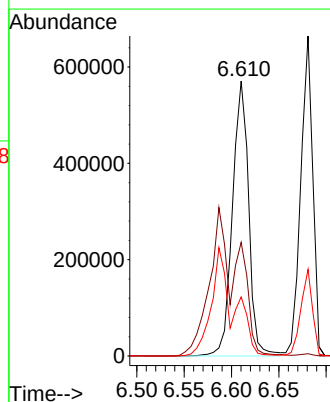
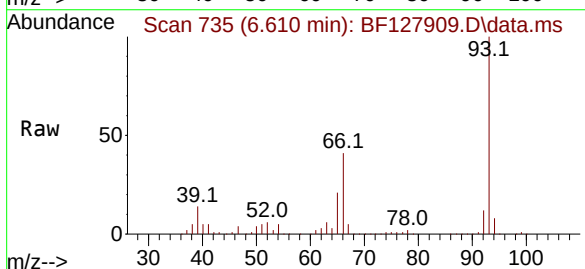
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

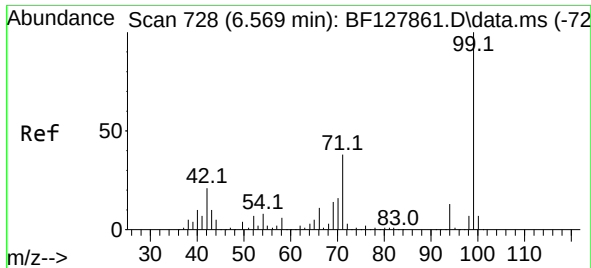
Tgt Ion:112 Resp: 1005300
Ion Ratio Lower Upper
112 100
64 63.3 49.5 74.3
63 34.4 26.3 39.5



#6
Aniline
Concen: 37.809 ng
RT: 6.610 min Scan# 735
Delta R.T. 0.000 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion: 93 Resp: 680133
Ion Ratio Lower Upper
93 100
66 41.3 32.2 48.4
65 21.5 16.7 25.1





#7

Phenol-d6

Concen: 86.351 ng

RT: 6.575 min Scan# 71

Delta R.T. 0.006 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Instrument :

BNA_F

ClientSampleId :

PB144215BSD

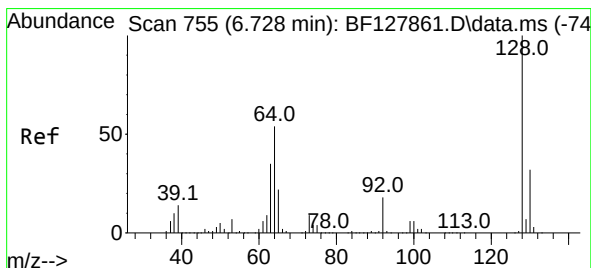
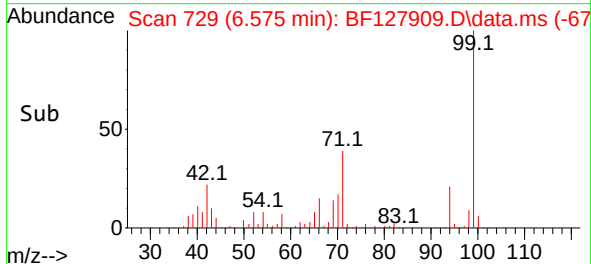
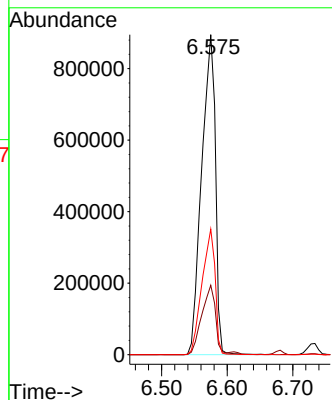
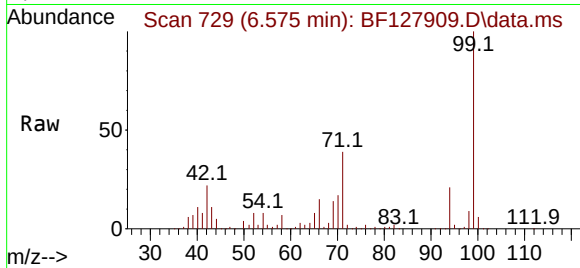
Tgt Ion: 99 Resp: 1307391

Ion Ratio Lower Upper

99 100

42 21.7 16.6 24.8

71 39.2 30.0 45.0



#8

2-Chlorophenol

Concen: 48.355 ng

RT: 6.734 min Scan# 756

Delta R.T. 0.006 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

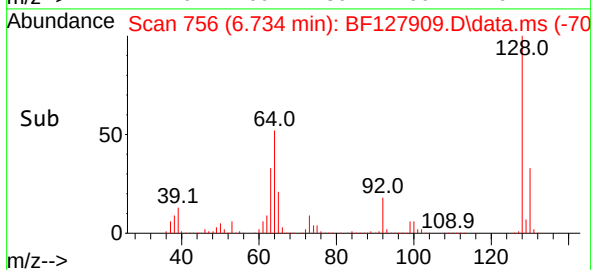
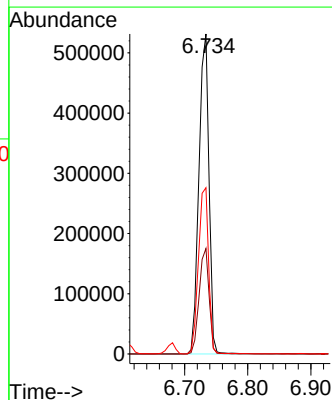
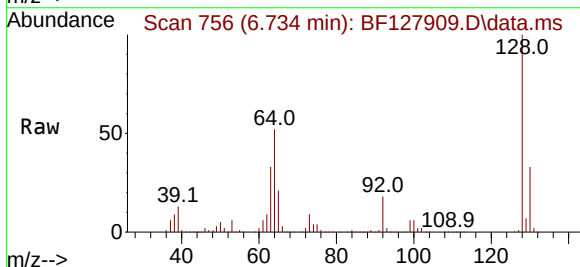
Tgt Ion:128 Resp: 585600

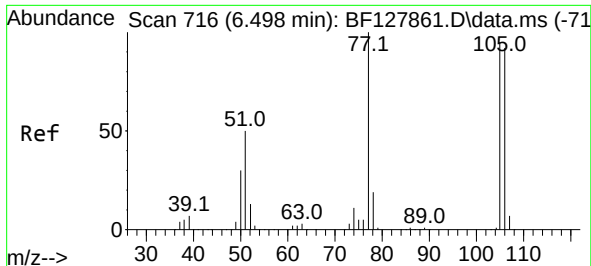
Ion Ratio Lower Upper

128 100

130 33.0 11.6 51.6

64 52.0 33.8 73.8



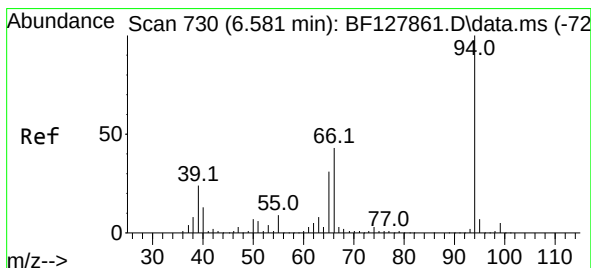
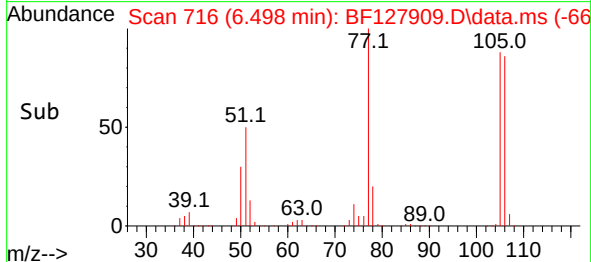
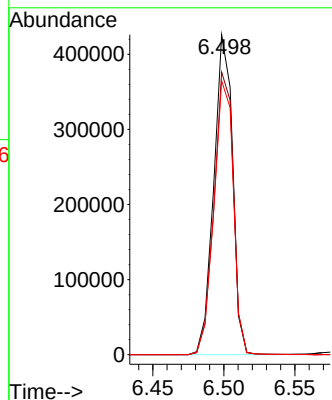
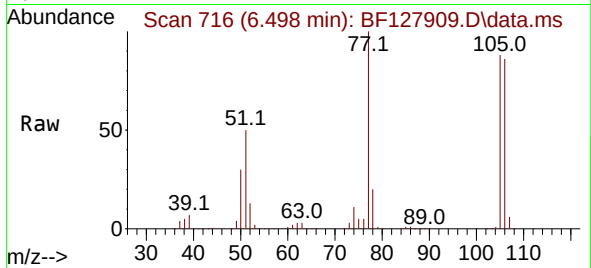


#9
Benzaldehyde
Concen: 41.736 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.000 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Instrument :
BNA_F
ClientSampleId :
PB144215BSD

Tgt Ion: 77 Resp: 390913

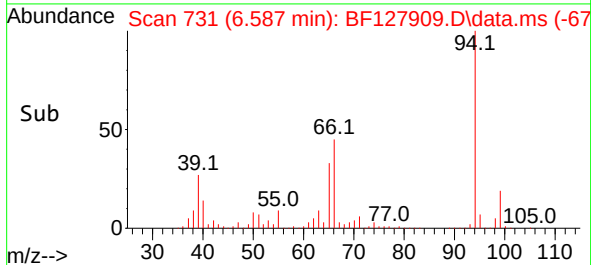
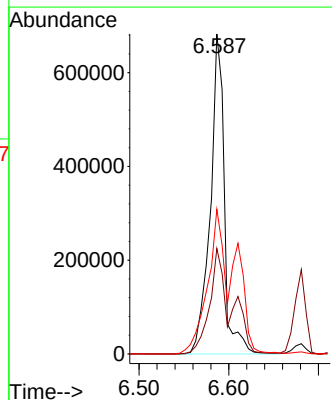
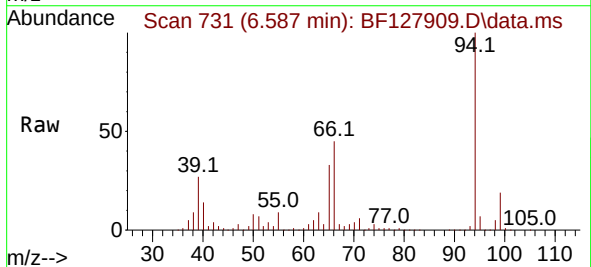
Ion	Ratio	Lower	Upper
77	100		
105	88.3	74.9	114.9
106	85.6	72.2	112.2

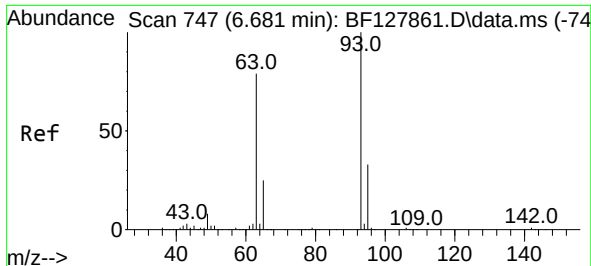


#10
Phenol
Concen: 48.596 ng
RT: 6.587 min Scan# 731
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion: 94 Resp: 742081

Ion	Ratio	Lower	Upper
94	100		
65	32.9	10.6	50.6
66	45.2	22.6	62.6





#11

bis(2-Chloroethyl)ether

Concen: 46.448 ng

RT: 6.681 min Scan# 747

Delta R.T. 0.000 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Instrument :

BNA_F

ClientSampleId :

PB144215BSD

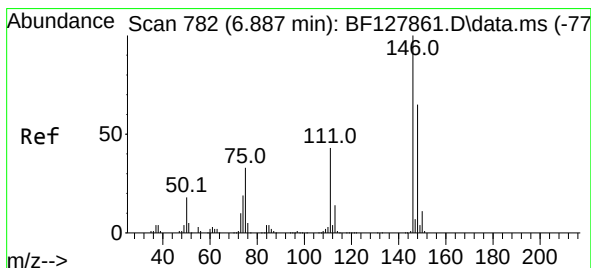
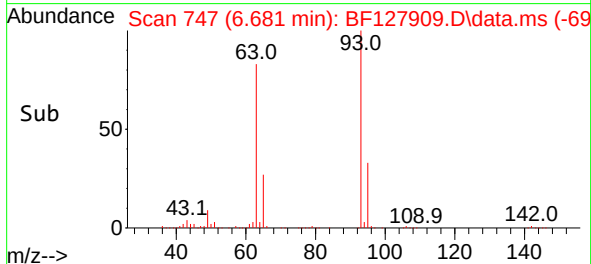
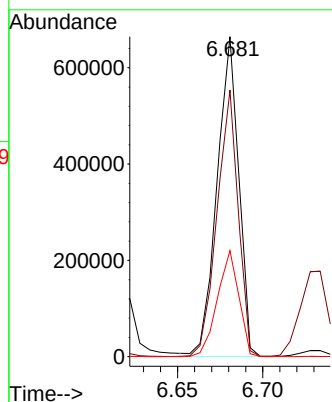
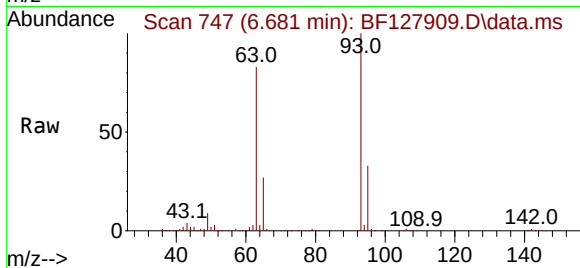
Tgt Ion: 93 Resp: 588362

Ion Ratio Lower Upper

93 100

63 83.3 58.6 98.6

95 33.2 12.9 52.9



#12

1,3-Dichlorobenzene

Concen: 43.223 ng

RT: 6.887 min Scan# 782

Delta R.T. 0.000 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

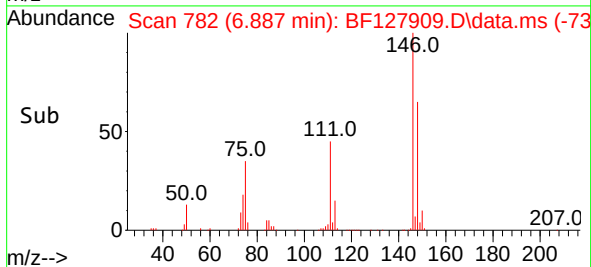
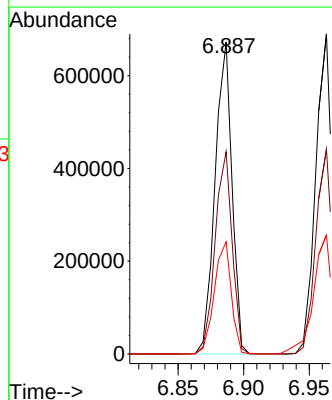
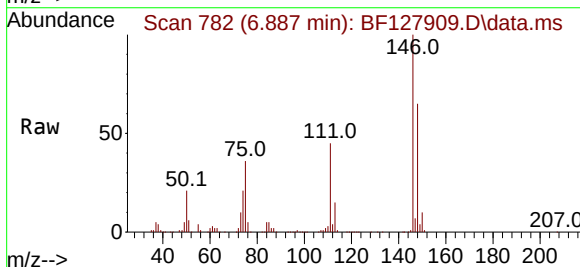
Tgt Ion: 146 Resp: 602542

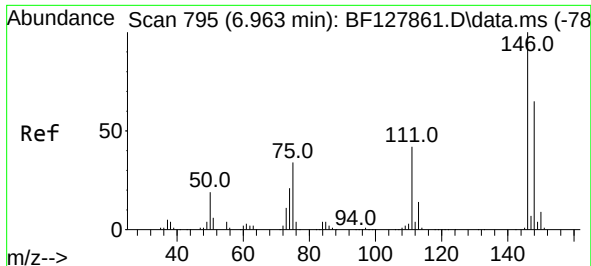
Ion Ratio Lower Upper

146 100

148 64.8 52.1 78.1

75 36.0 26.2 39.4





#13

1,4-Dichlorobenzene

Concen: 43.326 ng

RT: 6.963 min Scan# 795

Delta R.T. 0.000 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Instrument :

BNA_F

ClientSampleId :

PB144215BSD

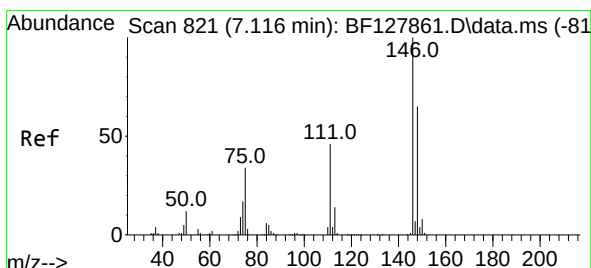
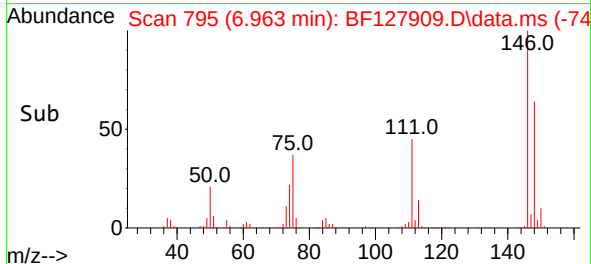
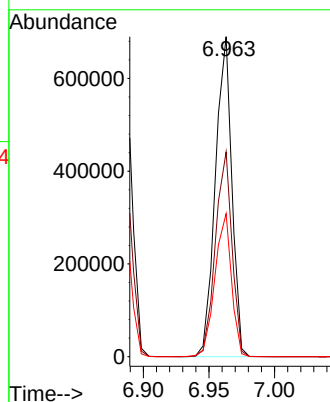
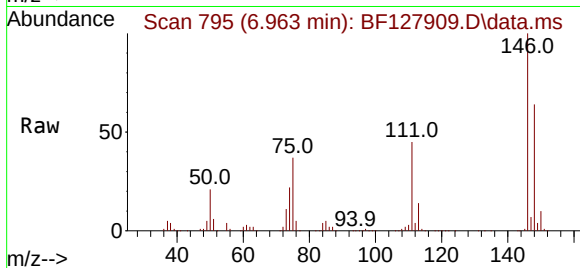
Tgt Ion:146 Resp: 602853

Ion Ratio Lower Upper

146 100

148 64.0 52.3 78.5

111 44.7 33.9 50.9



#14

1,2-Dichlorobenzene

Concen: 45.606 ng

RT: 7.110 min Scan# 820

Delta R.T. -0.006 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

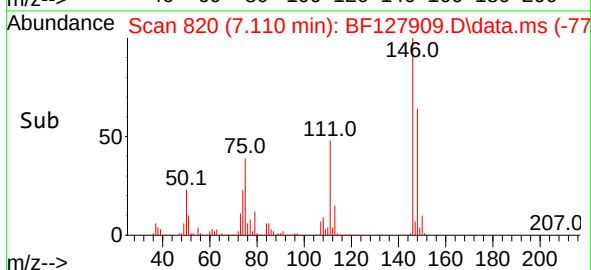
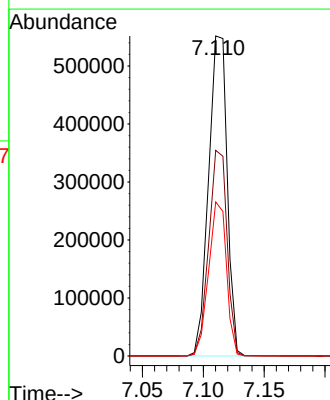
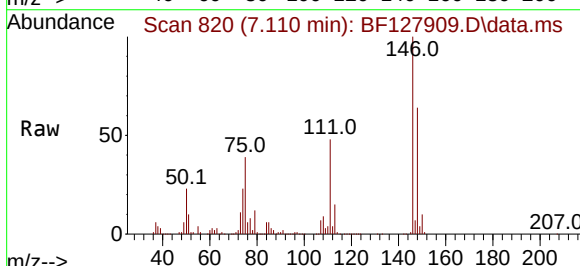
Tgt Ion:146 Resp: 587461

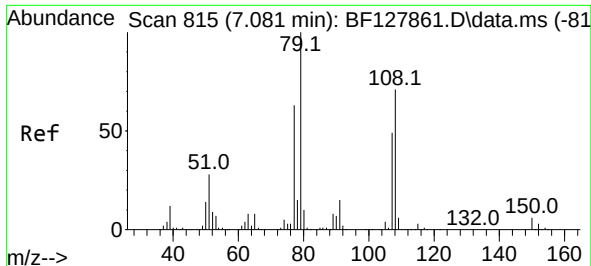
Ion Ratio Lower Upper

146 100

148 64.2 51.8 77.6

111 48.1 36.6 55.0

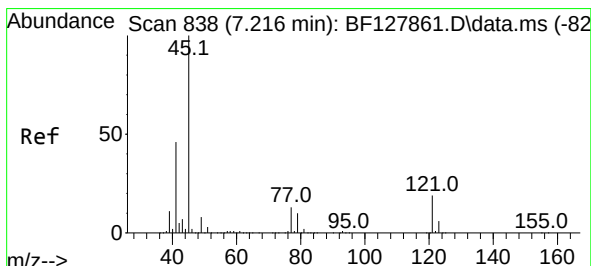
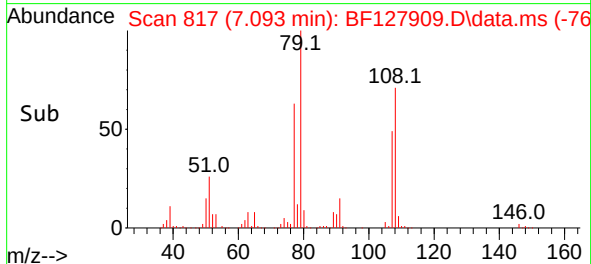
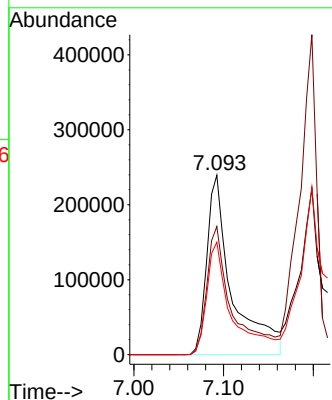
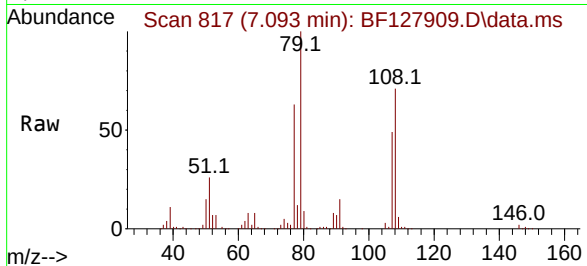




#15
Benzyl Alcohol
Concen: 45.687 ng
RT: 7.093 min Scan# 815
Delta R.T. 0.012 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

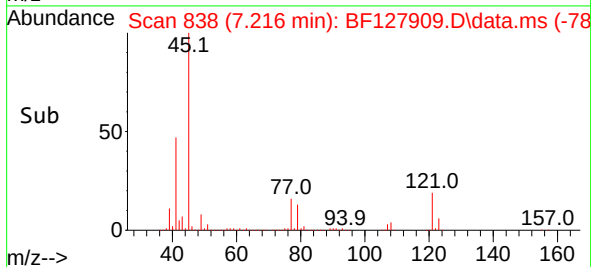
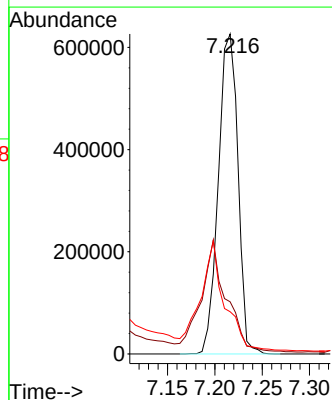
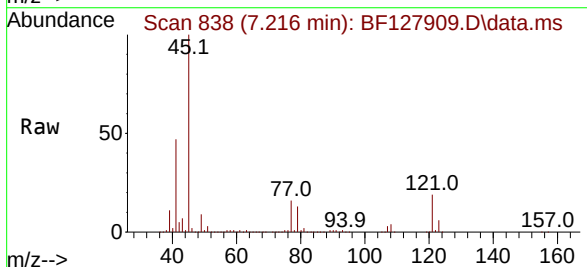
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

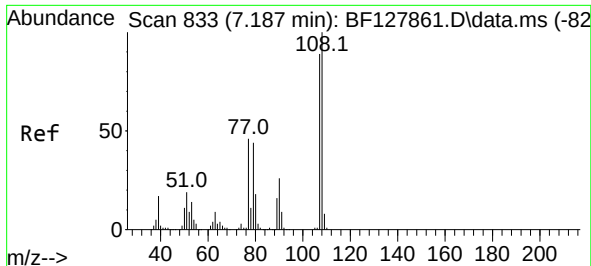
Tgt Ion: 79 Resp: 470394
Ion Ratio Lower Upper
79 100
108 71.4 57.0 85.6
77 62.7 50.2 75.4



#16
2,2'-oxybis(1-Chloropropane)
Concen: 46.620 ng
RT: 7.216 min Scan# 838
Delta R.T. 0.000 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion: 45 Resp: 902567
Ion Ratio Lower Upper
45 100
77 16.3 0.0 34.9
79 13.2 0.0 31.6





#17

2-Methylphenol

Concen: 50.610 ng

RT: 7.198 min Scan# 81

Delta R.T. 0.012 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Instrument :

BNA_F

ClientSampleId :

PB144215BSD

Tgt Ion:107 Resp: 528827

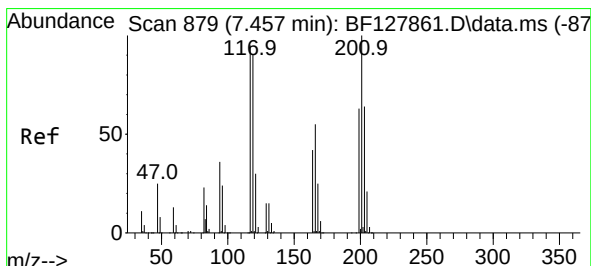
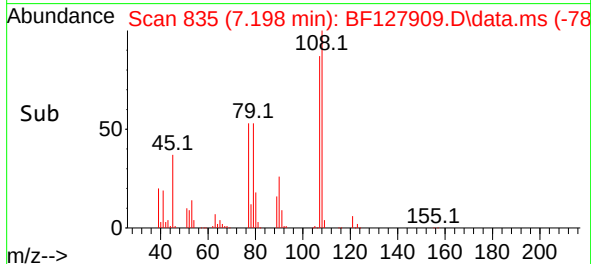
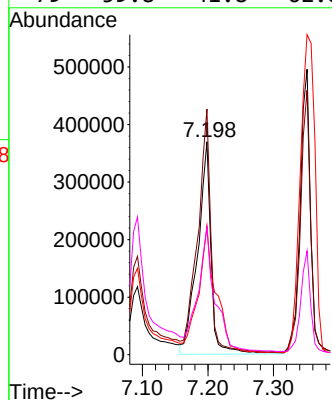
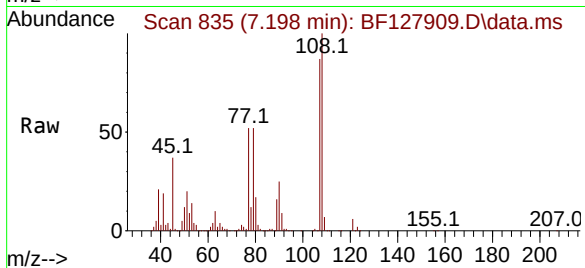
Ion Ratio Lower Upper

107 100

108 115.3 90.2 135.2

77 60.3 41.9 62.9

79 59.8 41.8 62.8



#18

Hexachloroethane

Concen: 47.012 ng

RT: 7.457 min Scan# 879

Delta R.T. 0.000 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

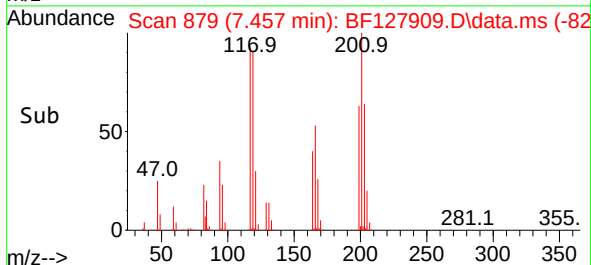
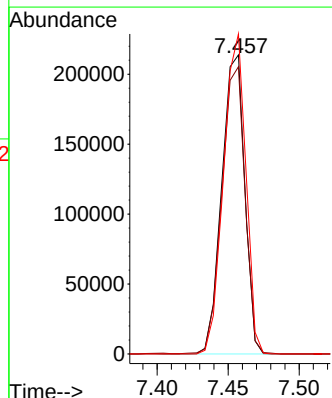
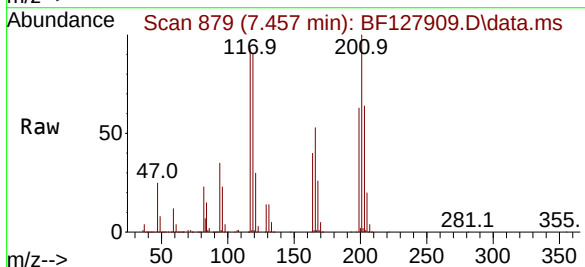
Tgt Ion:117 Resp: 240486

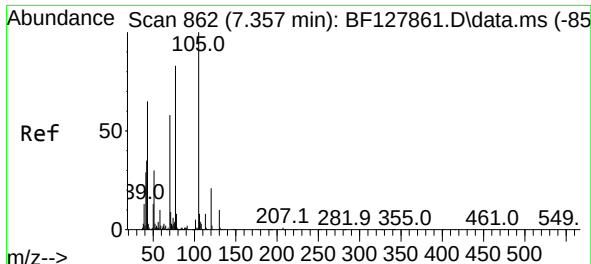
Ion Ratio Lower Upper

117 100

119 96.0 76.2 114.4

201 107.0 84.4 126.6

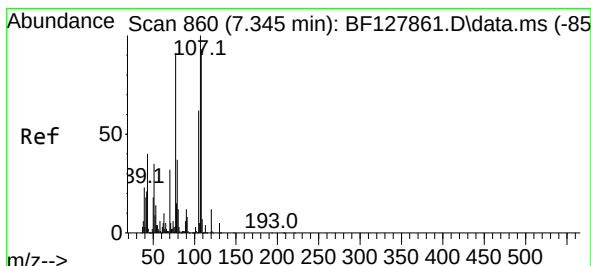
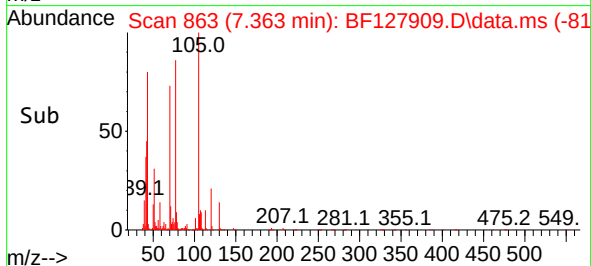
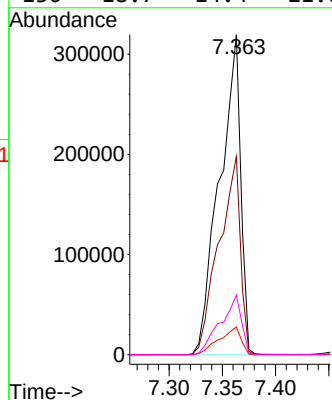
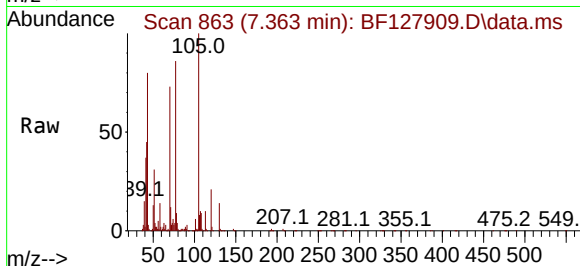




#19
n-Nitroso-di-n-propylamine
Concen: 47.403 ng
RT: 7.363 min Scan# 80
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

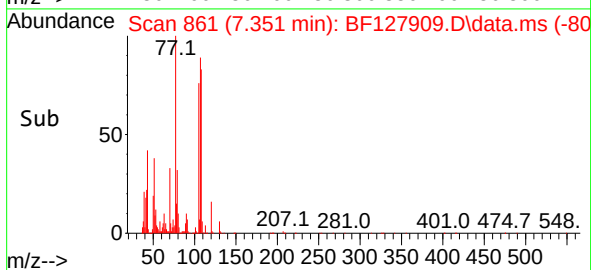
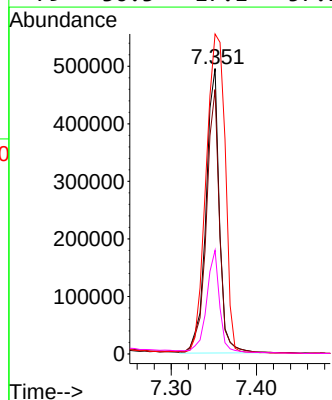
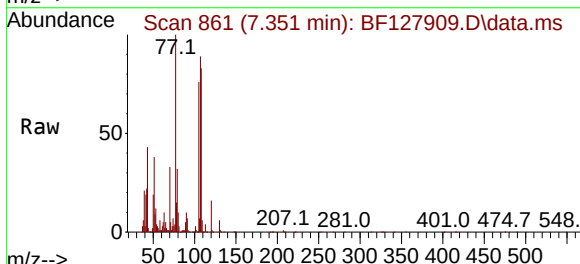
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

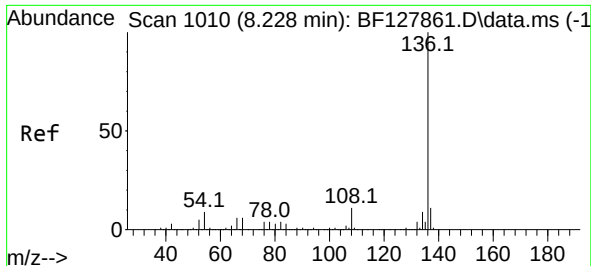
Tgt Ion: 70 Resp: 439337
Ion Ratio Lower Upper
70 100
42 61.9 48.7 73.1
101 8.7 7.2 10.8
130 18.7 14.4 21.6



#20
3+4-Methylphenols
Concen: 42.870 ng
RT: 7.351 min Scan# 861
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion:107 Resp: 541127
Ion Ratio Lower Upper
107 100
108 92.6 73.4 113.4
77 112.1 71.1 111.1#
79 36.3 17.1 57.1

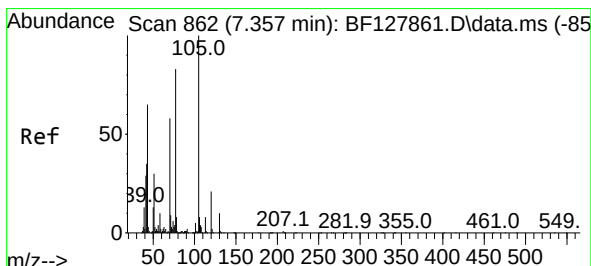
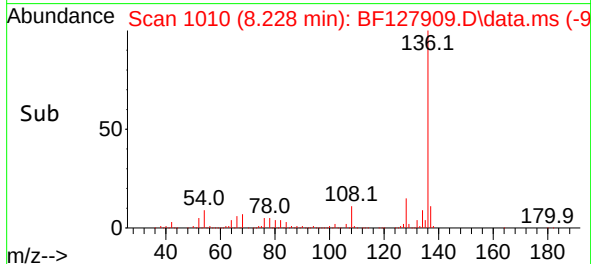
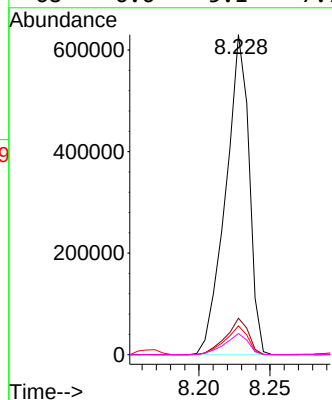
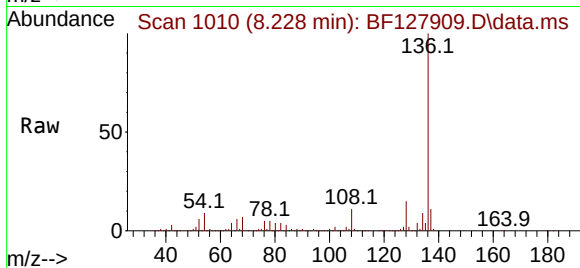




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.228 min Scan# 1010
Delta R.T. 0.000 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

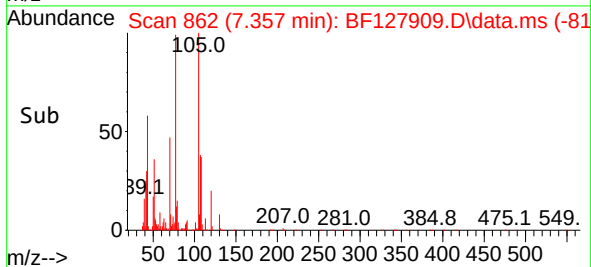
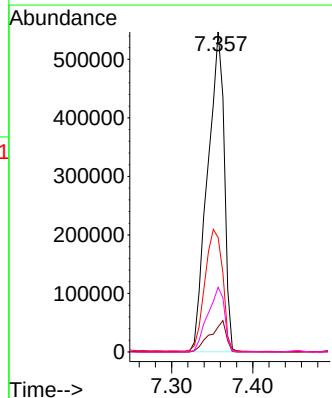
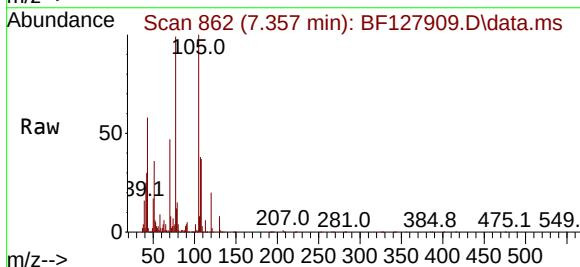
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

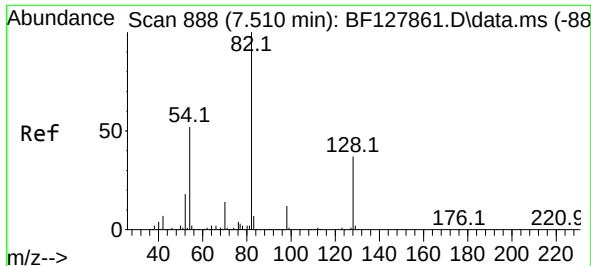
Tgt Ion:	136	Resp:	721125
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	9.0	6.8	10.2
68	6.6	5.1	7.7



#22
Acetophenone
Concen: 44.177 ng
RT: 7.357 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion:	105	Resp:	776458
Ion	Ratio	Lower	Upper
105	100		
71	7.8	7.3	10.9
51	35.8	23.7	35.5
120	20.2	17.0	25.6





#23

Nitrobenzene-d5

Concen: 88.191 ng

RT: 7.516 min Scan# 889

Delta R.T. 0.006 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Instrument :

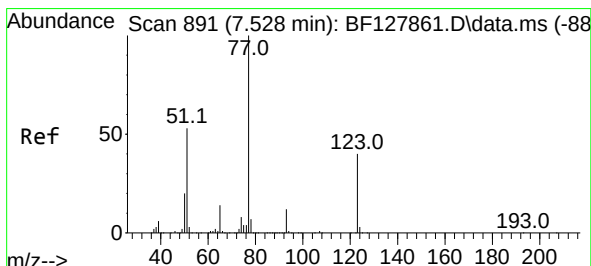
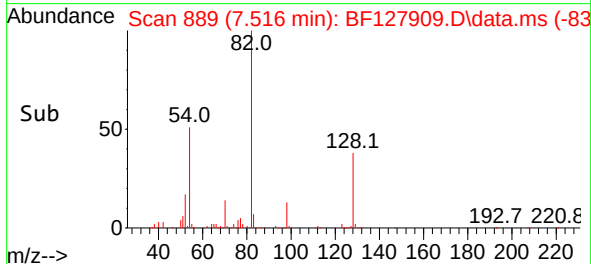
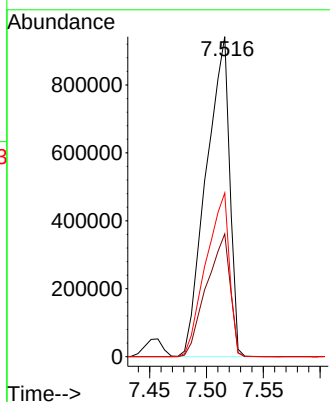
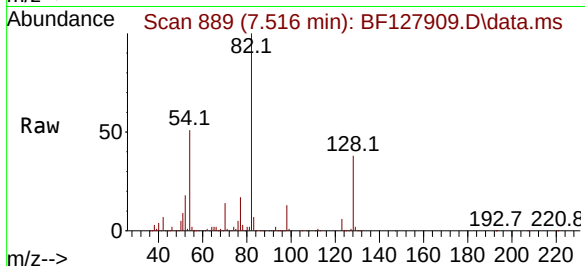
BNA_F

ClientSampleId :

PB144215BSD

Tgt Ion: 82 Resp: 1352432

Ion	Ratio	Lower	Upper
82	100		
128	38.4	30.0	45.0
54	51.1	41.3	61.9



#24

Nitrobenzene

Concen: 46.495 ng

RT: 7.534 min Scan# 892

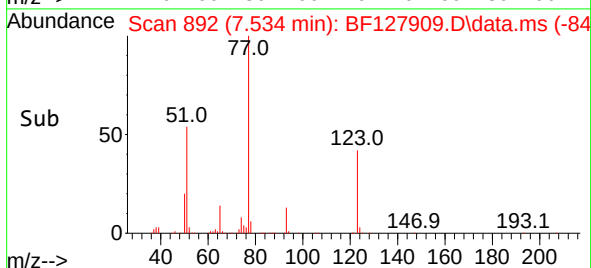
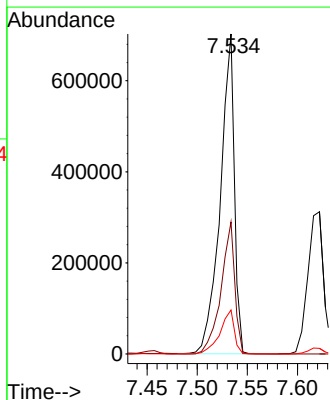
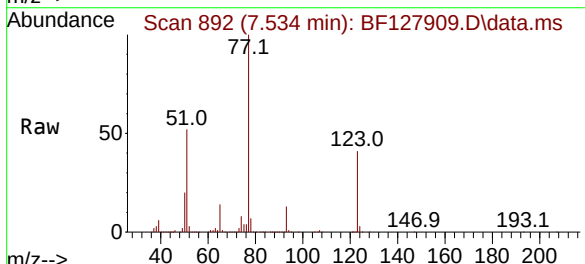
Delta R.T. 0.006 min

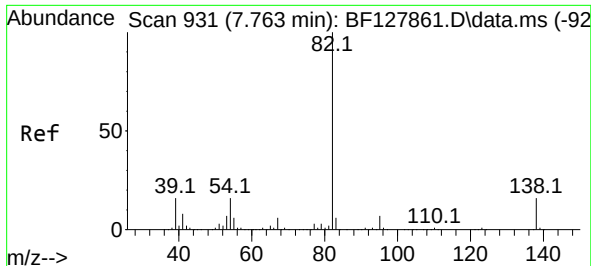
Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Tgt Ion: 77 Resp: 687064

Ion	Ratio	Lower	Upper
77	100		
123	41.2	32.0	48.0
65	13.7	11.0	16.6

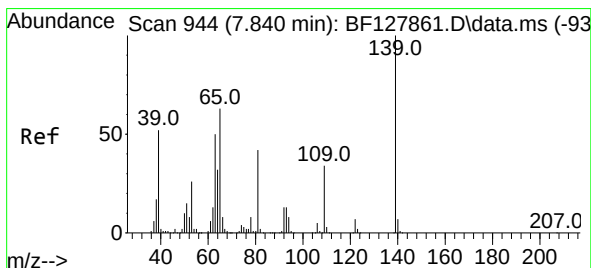
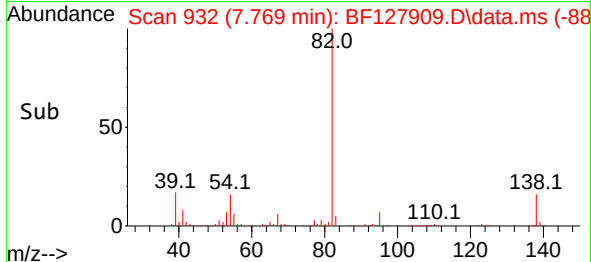
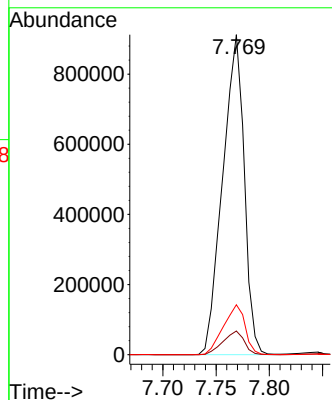
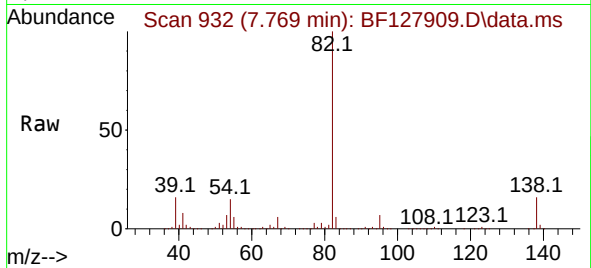




#25
Isophorone
Concen: 49.583 ng
RT: 7.769 min Scan# 91
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

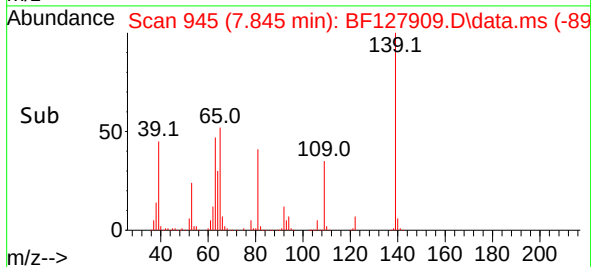
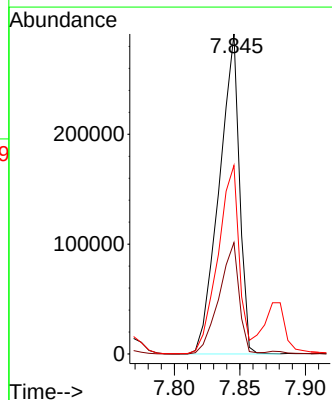
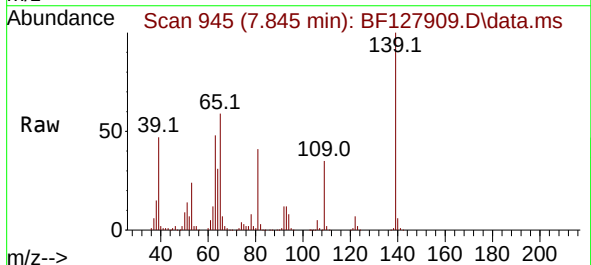
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

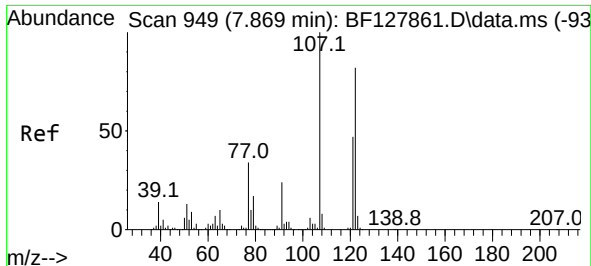
Tgt Ion: 82 Resp: 1279745
Ion Ratio Lower Upper
82 100
95 7.4 5.6 8.4
138 15.6 12.5 18.7



#26
2-Nitrophenol
Concen: 49.812 ng
RT: 7.845 min Scan# 945
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion: 139 Resp: 313663
Ion Ratio Lower Upper
139 100
109 34.8 27.4 41.2
65 58.9 50.8 76.2





#27

2,4-Dimethylphenol

Concen: 52.174 ng

RT: 7.881 min Scan# 91

Delta R.T. 0.012 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Instrument :

BNA_F

ClientSampleId :

PB144215BSD

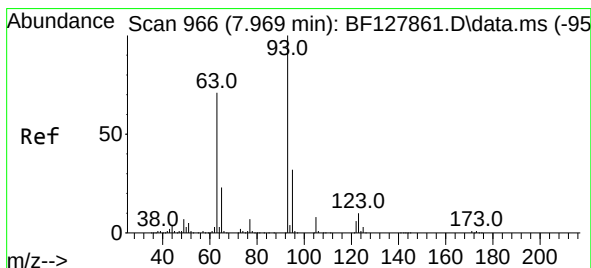
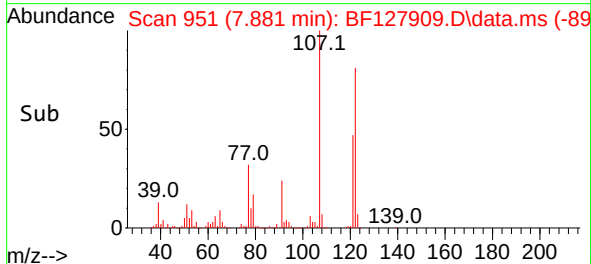
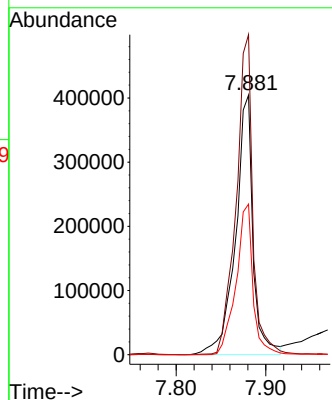
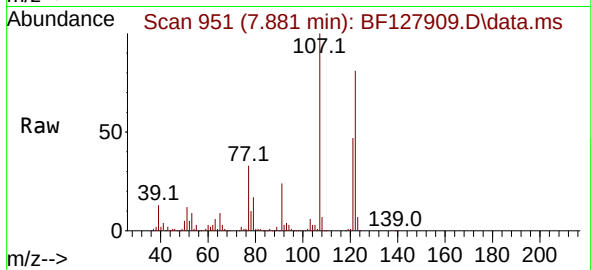
Tgt Ion:122 Resp: 545692

Ion Ratio Lower Upper

122 100

107 123.3 97.5 146.3

121 58.0 46.0 69.0



#28

bis(2-Chloroethoxy)methane

Concen: 45.510 ng

RT: 7.975 min Scan# 967

Delta R.T. 0.006 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

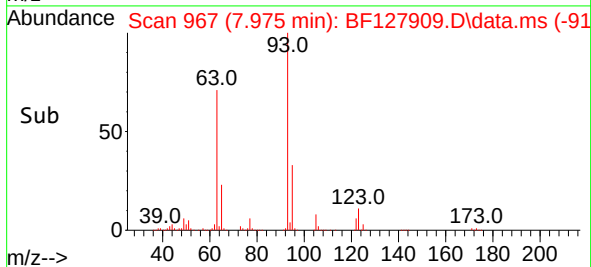
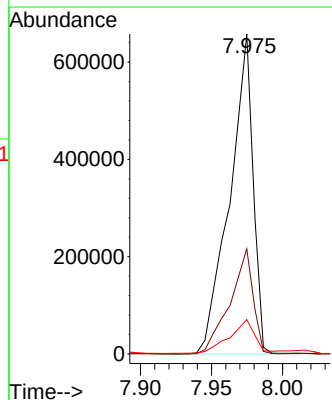
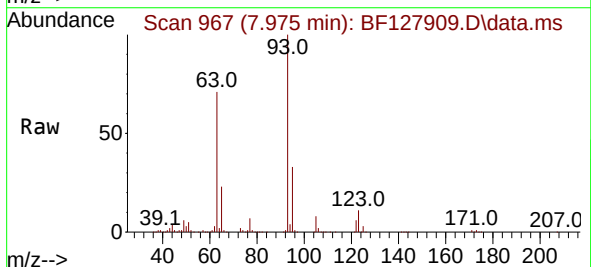
Tgt Ion: 93 Resp: 752786

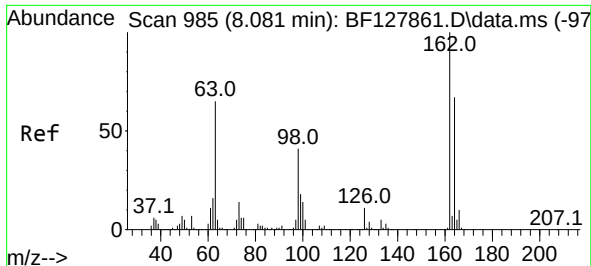
Ion Ratio Lower Upper

93 100

95 32.9 25.7 38.5

123 10.7 8.3 12.5





#29

2,4-Dichlorophenol

Concen: 44.680 ng

RT: 8.087 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Instrument :

BNA_F

ClientSampleId :

PB144215BSD

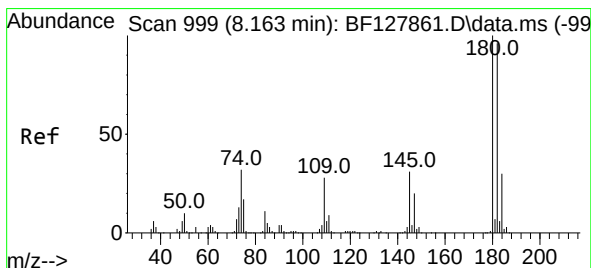
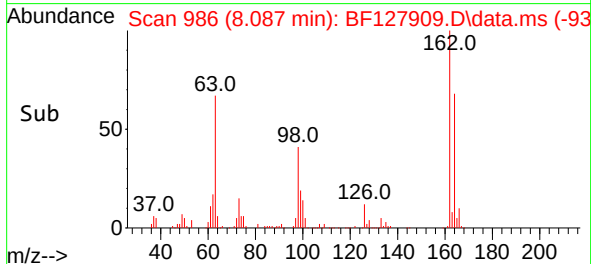
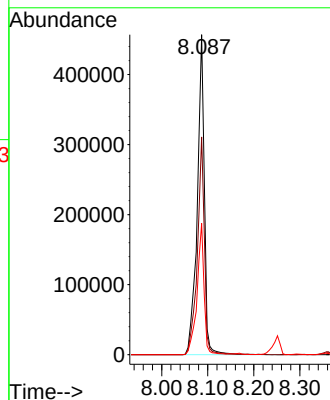
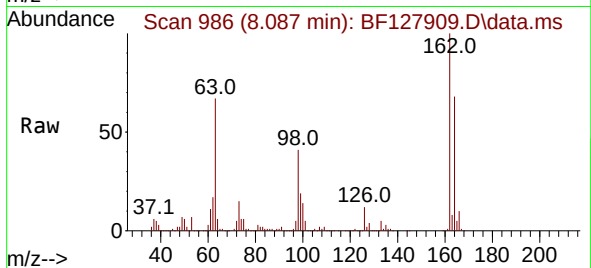
Tgt Ion:162 Resp: 489572

Ion Ratio Lower Upper

162 100

164 68.0 47.1 87.1

98 41.0 20.7 60.7



#30

1,2,4-Trichlorobenzene

Concen: 43.978 ng

RT: 8.169 min Scan# 1000

Delta R.T. 0.006 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

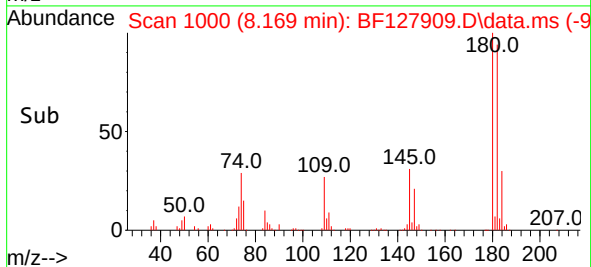
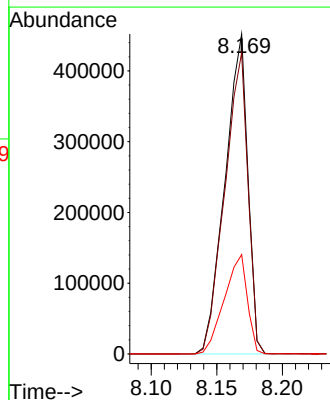
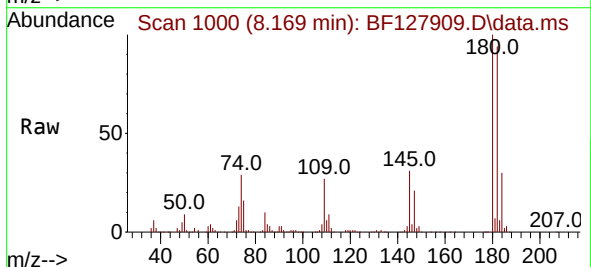
Tgt Ion:180 Resp: 547375

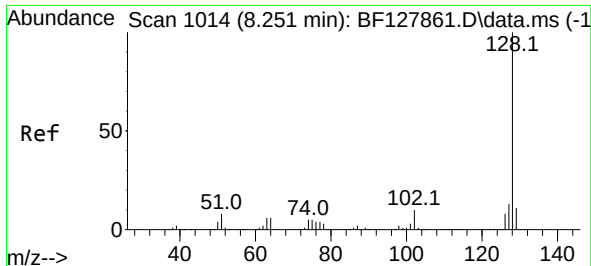
Ion Ratio Lower Upper

180 100

182 94.1 76.4 114.6

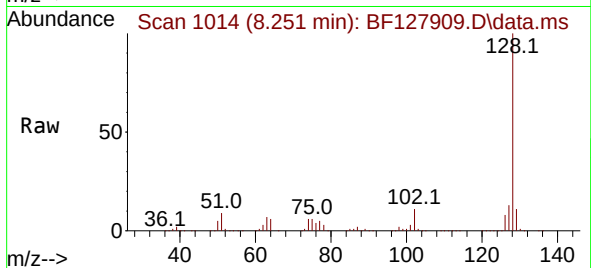
145 31.1 25.1 37.7





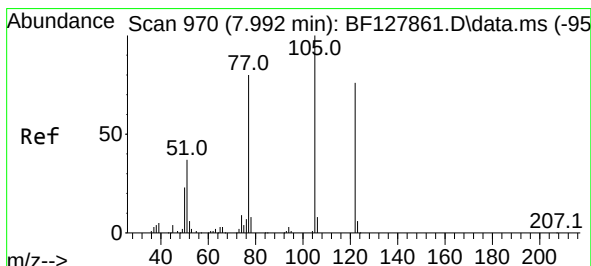
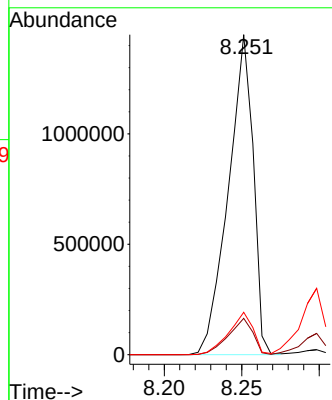
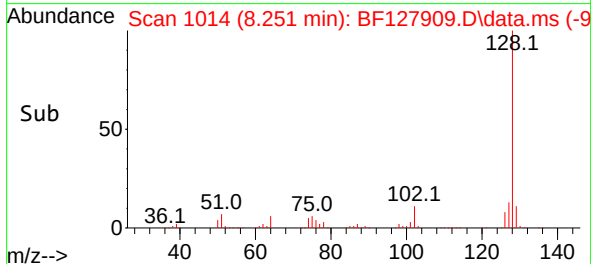
#31
Naphthalene
Concen: 43.966 ng
RT: 8.251 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Instrument :
BNA_F
ClientSampleId :
PB144215BSD

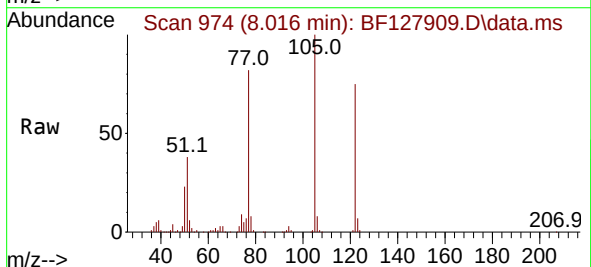


Tgt Ion:128 Resp: 1614792

Ion	Ratio	Lower	Upper
128	100		
129	11.3	9.0	13.4
127	13.3	10.6	16.0

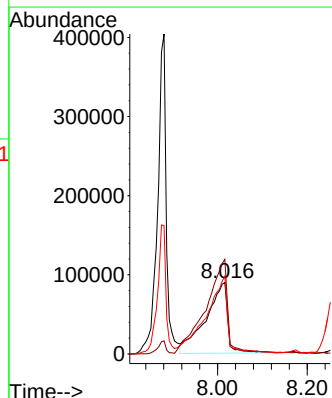
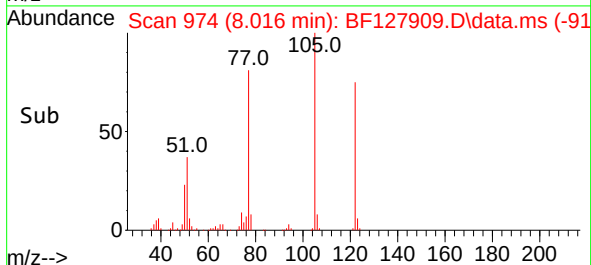


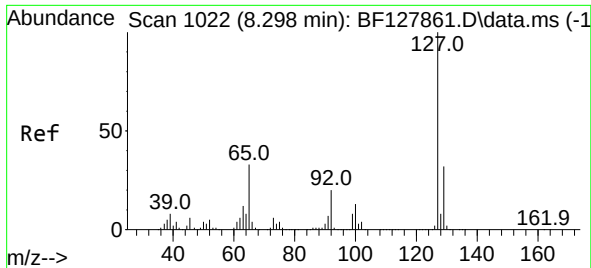
#32
Benzoic acid
Concen: 40.664 ng
RT: 8.016 min Scan# 974
Delta R.T. 0.024 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44



Tgt Ion:122 Resp: 304850

Ion	Ratio	Lower	Upper
122	100		
105	132.6	107.9	147.9
77	109.3	82.5	122.5

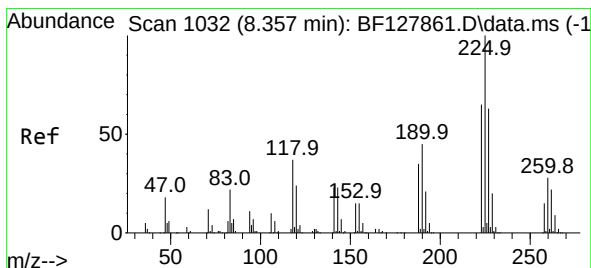
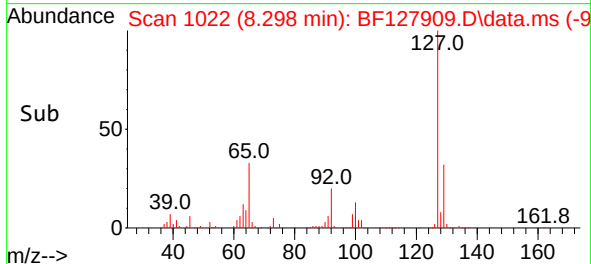
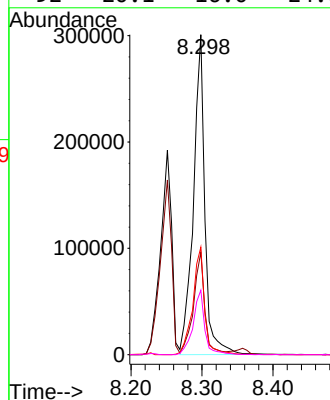
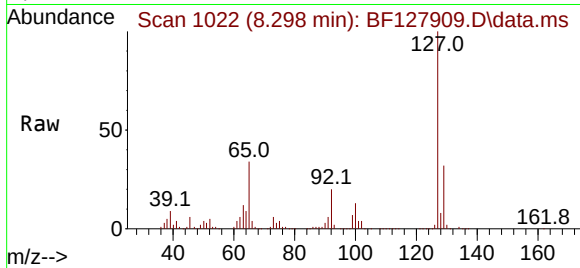




#33
4-Chloroaniline
Concen: 23.318 ng
RT: 8.298 min Scan# 1022
Delta R.T. 0.000 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

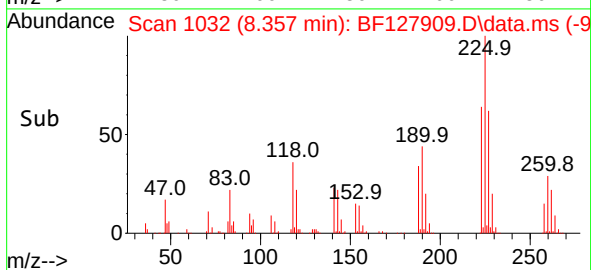
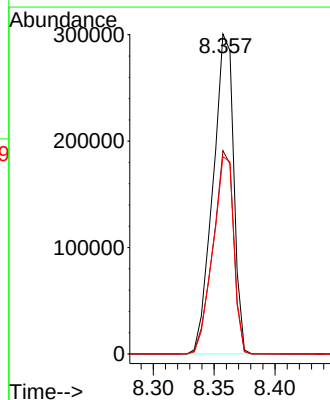
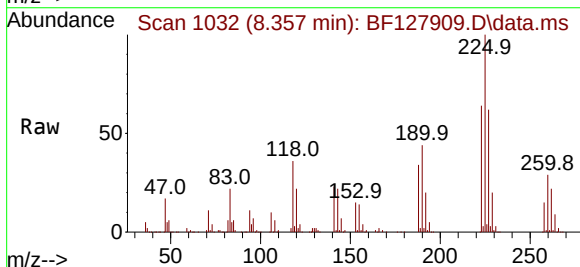
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

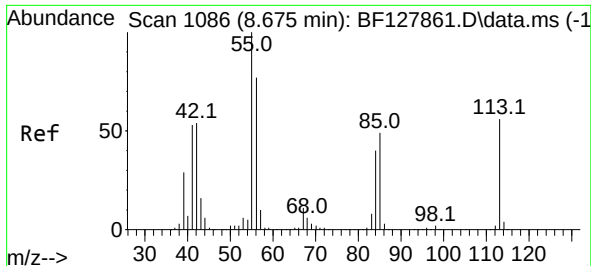
Tgt Ion:	127	Resp:	338861
Ion	Ratio	Lower	Upper
127	100		
129	32.0	25.8	38.8
65	33.6	26.7	40.1
92	20.1	16.0	24.0



#34
Hexachlorobutadiene
Concen: 45.366 ng
RT: 8.357 min Scan# 1032
Delta R.T. 0.000 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion:	225	Resp:	355661
Ion	Ratio	Lower	Upper
225	100		
223	63.6	52.0	78.0
227	61.6	50.7	76.1

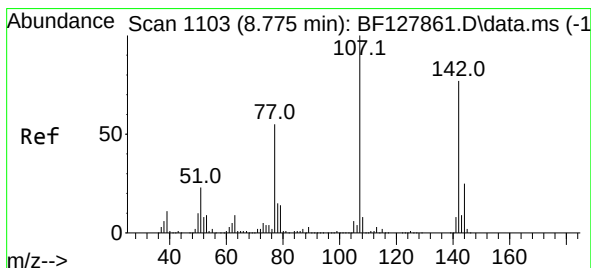
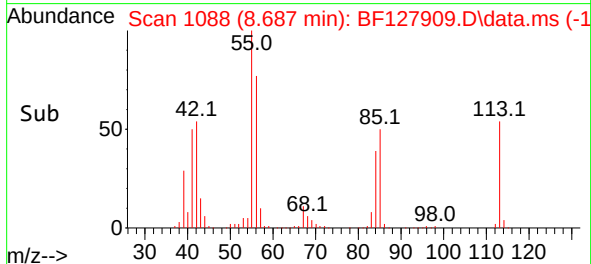
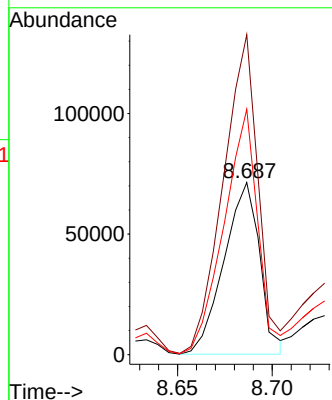
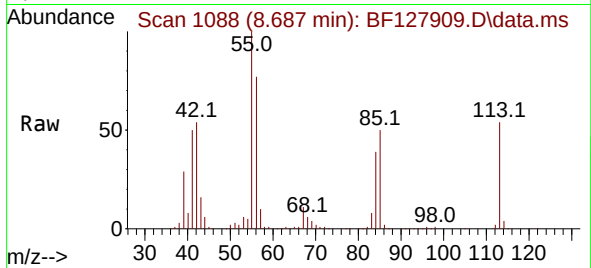




#35
 Caprolactam
 Concen: 26.352 ng
 RT: 8.687 min Scan# 1105
 Delta R.T. 0.012 min
 Lab File: BF127909.D
 Acq: 26 Apr 2022 12:44

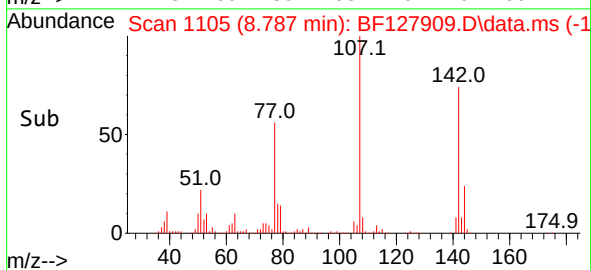
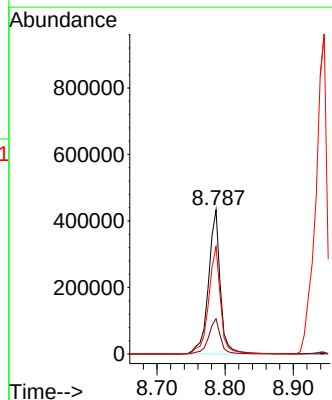
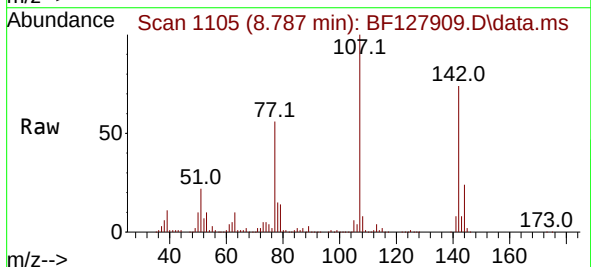
Instrument :
 BNA_F
 ClientSampleId :
 PB144215BSD

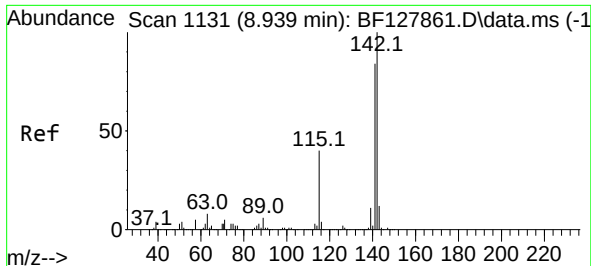
Tgt Ion:113 Resp: 93207
 Ion Ratio Lower Upper
 113 100
 55 185.9 157.4 197.4
 56 142.6 116.1 156.1



#36
 4-Chloro-3-methylphenol
 Concen: 44.766 ng
 RT: 8.787 min Scan# 1105
 Delta R.T. 0.012 min
 Lab File: BF127909.D
 Acq: 26 Apr 2022 12:44

Tgt Ion:107 Resp: 523861
 Ion Ratio Lower Upper
 107 100
 144 24.5 20.2 30.4
 142 74.4 61.5 92.3

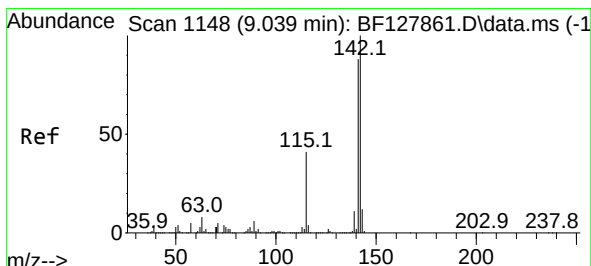
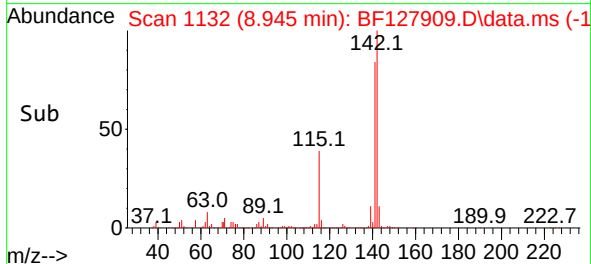
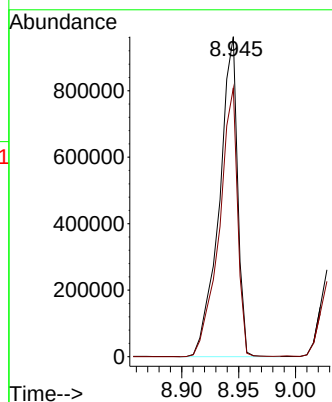
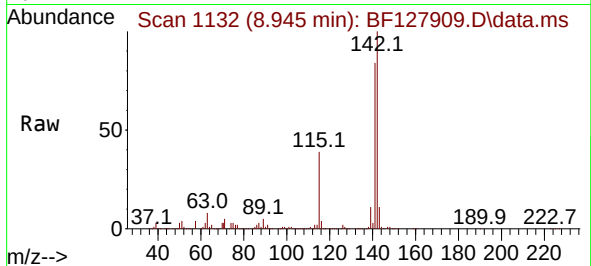




#37
2-Methylnaphthalene
Concen: 44.684 ng
RT: 8.945 min Scan# 1132
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

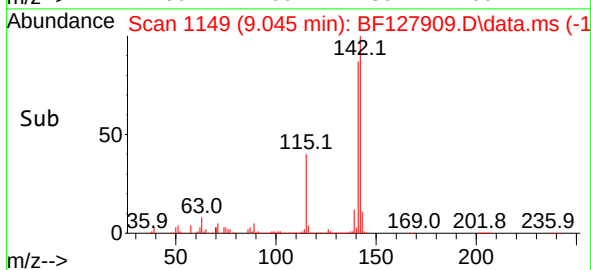
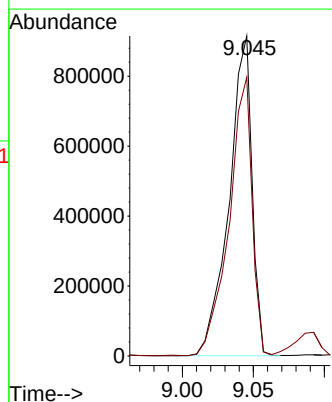
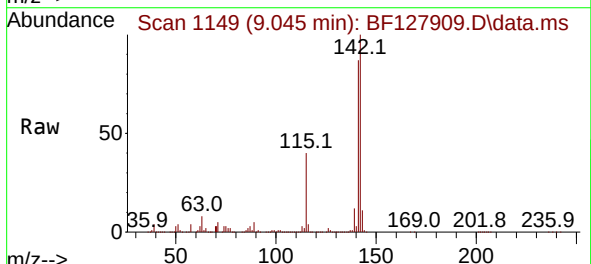
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

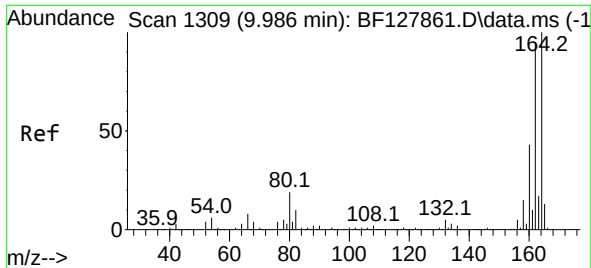
Tgt Ion:142 Resp: 1084619
Ion Ratio Lower Upper
142 100
141 84.0 67.4 101.2



#38
1-Methylnaphthalene
Concen: 43.666 ng
RT: 9.045 min Scan# 1149
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion:142 Resp: 1030215
Ion Ratio Lower Upper
142 100
141 87.1 70.1 105.1





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.992 min Scan# 1160

Delta R.T. 0.006 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Instrument :

BNA_F

ClientSampleId :

PB144215BSD

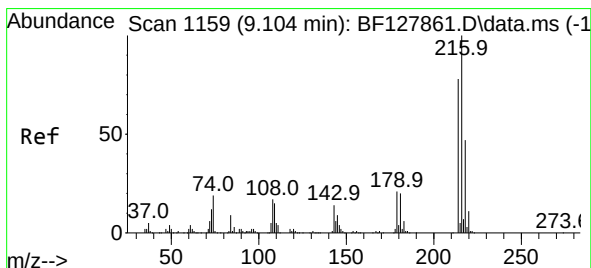
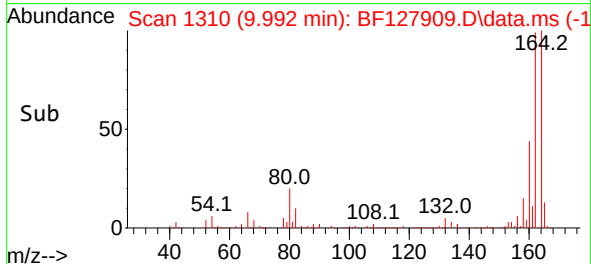
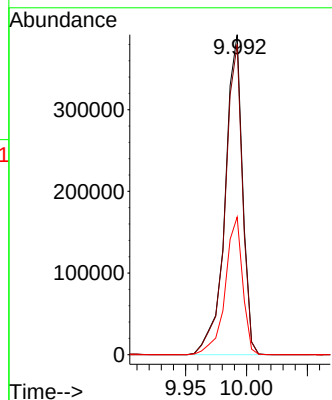
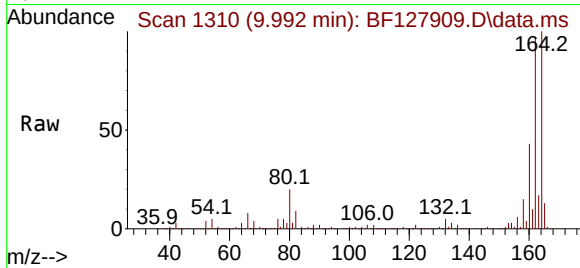
Tgt Ion:164 Resp: 392216

Ion Ratio Lower Upper

164 100

162 97.0 76.0 114.0

160 43.0 34.8 52.2



#40

1,2,4,5-Tetrachlorobenzene

Concen: 43.819 ng

RT: 9.110 min Scan# 1160

Delta R.T. 0.006 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Tgt Ion:216 Resp: 506572

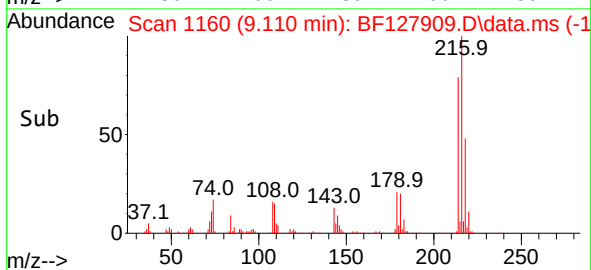
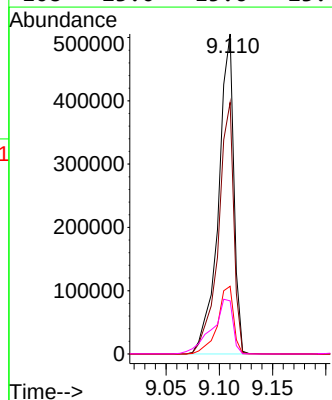
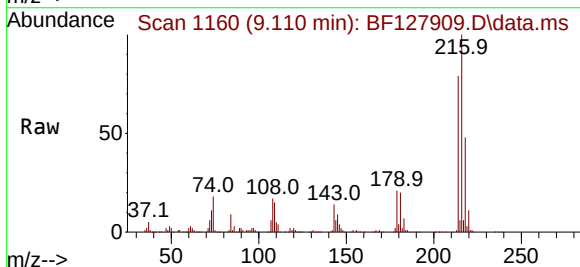
Ion Ratio Lower Upper

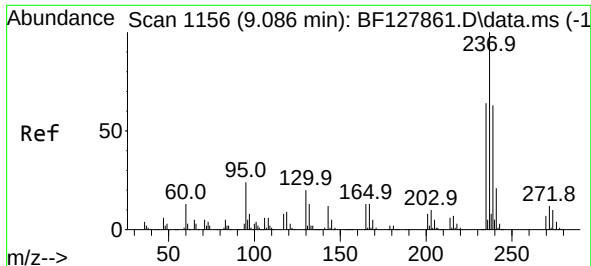
216 100

214 78.6 62.6 94.0

179 21.8 16.9 25.3

108 23.0 15.6 23.4

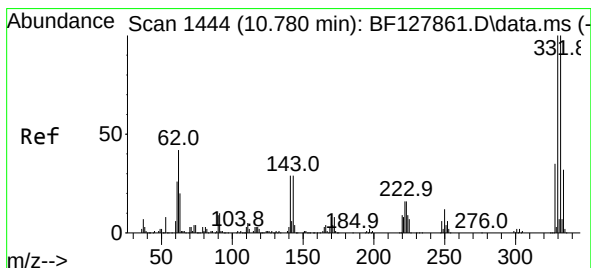
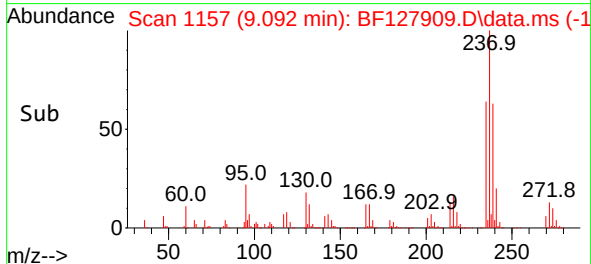
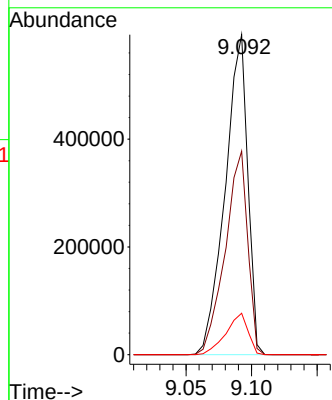
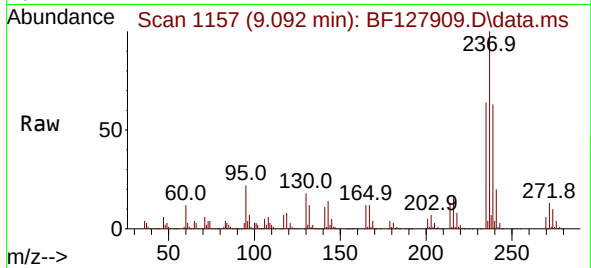




#41
Hexachlorocyclopentadiene
Concen: 113.403 ng
RT: 9.092 min Scan# 1157
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

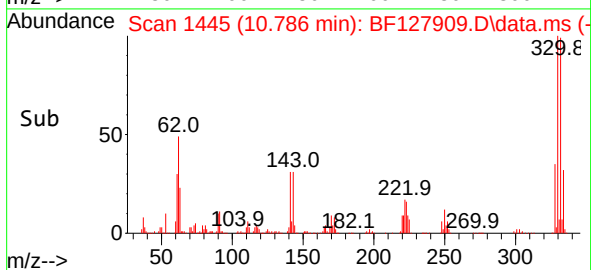
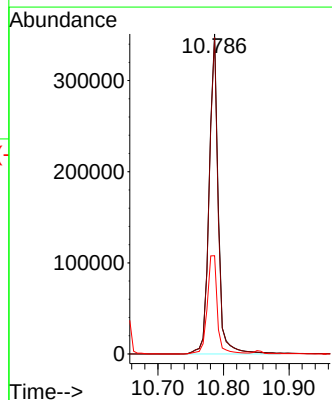
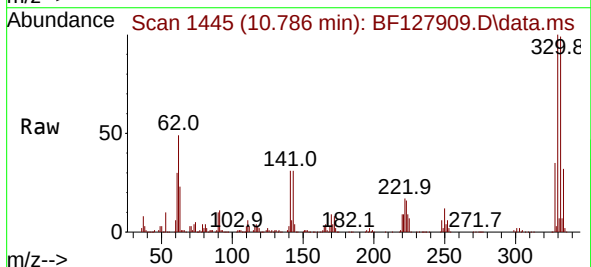
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

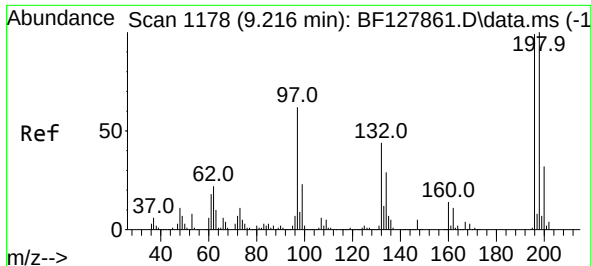
Tgt Ion:237 Resp: 710296
Ion Ratio Lower Upper
237 100
235 63.6 43.6 83.6
272 13.0 0.0 32.1



#42
2,4,6-Tribromophenol
Concen: 86.415 ng
RT: 10.786 min Scan# 1445
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion:330 Resp: 341193
Ion Ratio Lower Upper
330 100
332 98.4 79.0 118.4
141 33.9 28.9 43.3

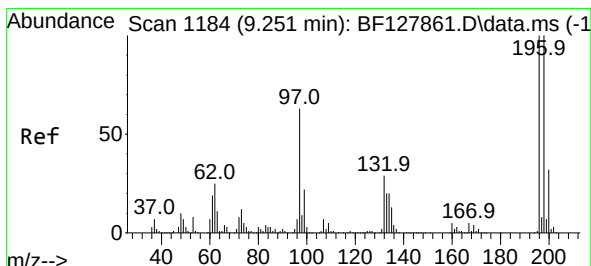
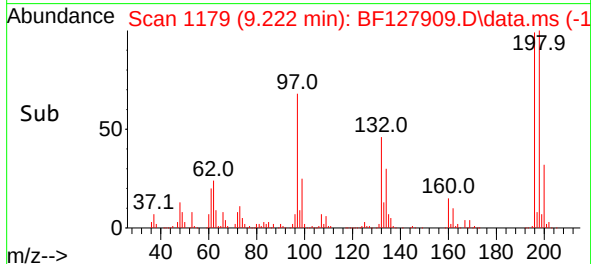
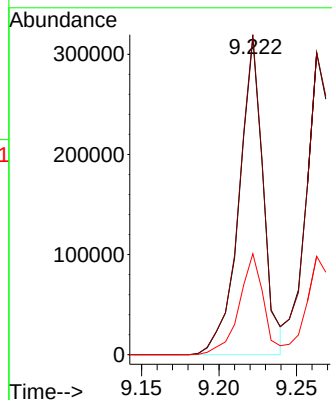
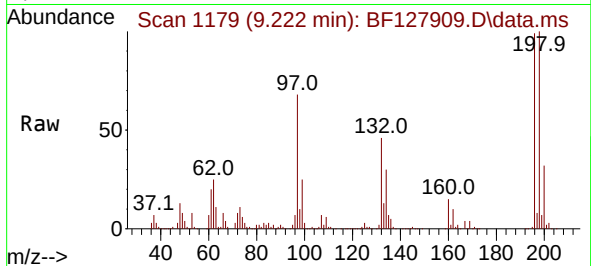




#43
 2,4,6-Trichlorophenol
 Concen: 45.035 ng
 RT: 9.222 min Scan# 1179
 Delta R.T. 0.006 min
 Lab File: BF127909.D
 Acq: 26 Apr 2022 12:44

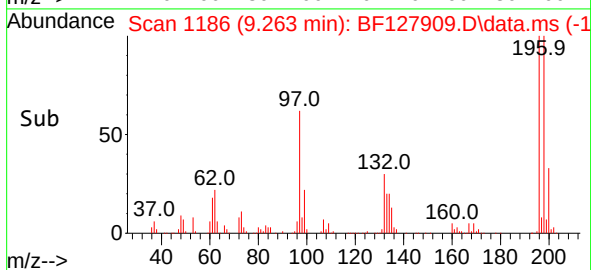
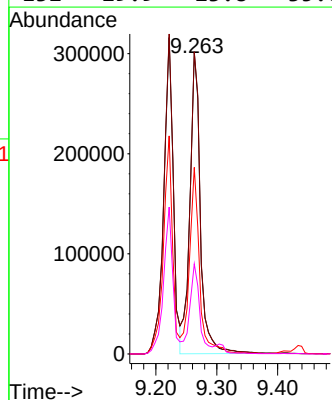
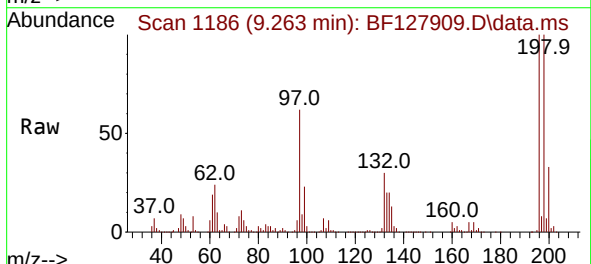
Instrument :
 BNA_F
 ClientSampleId :
 PB144215BSD

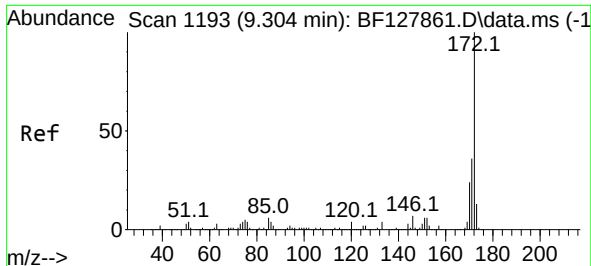
Tgt Ion:196 Resp: 342572
 Ion Ratio Lower Upper
 196 100
 198 101.1 80.4 120.6
 200 31.9 25.9 38.9



#44
 2,4,5-Trichlorophenol
 Concen: 43.686 ng
 RT: 9.263 min Scan# 1186
 Delta R.T. 0.012 min
 Lab File: BF127909.D
 Acq: 26 Apr 2022 12:44

Tgt Ion:196 Resp: 361251
 Ion Ratio Lower Upper
 196 100
 198 100.2 80.2 120.2
 97 61.9 50.3 75.5
 132 29.9 23.8 35.6





#45

2-Fluorobiphenyl

Concen: 89.011 ng

RT: 9.310 min Scan# 1193

Delta R.T. 0.006 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Instrument :

BNA_F

ClientSampleId :

PB144215BSD

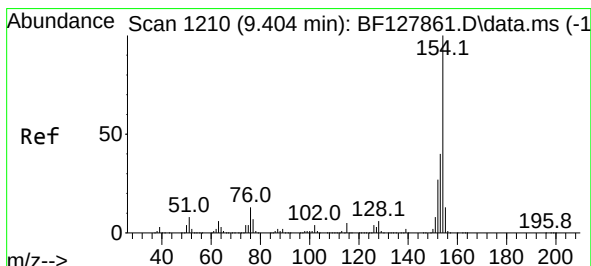
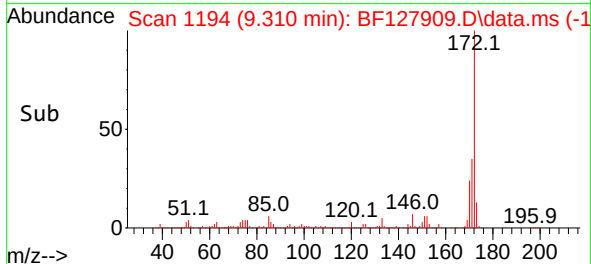
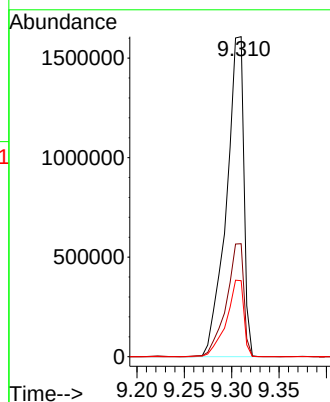
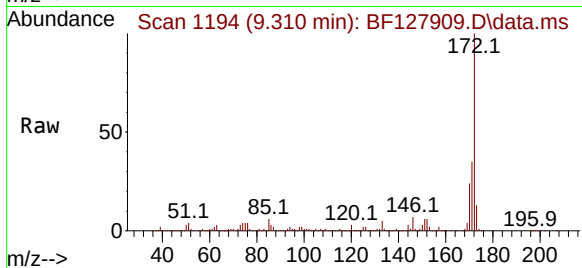
Tgt Ion:172 Resp: 2063644

Ion Ratio Lower Upper

172 100

171 35.3 28.6 42.8

170 23.8 19.1 28.7



#46

1,1'-Biphenyl

Concen: 44.635 ng

RT: 9.410 min Scan# 1211

Delta R.T. 0.006 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

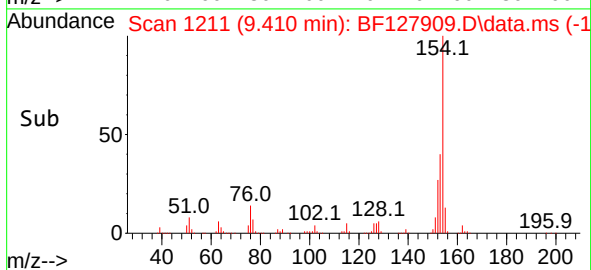
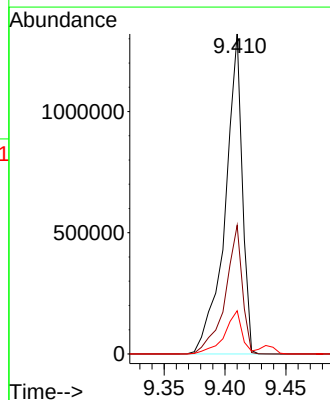
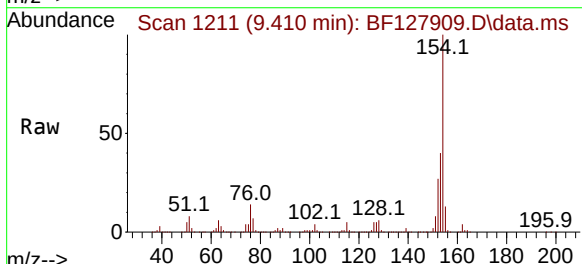
Tgt Ion:154 Resp: 1296783

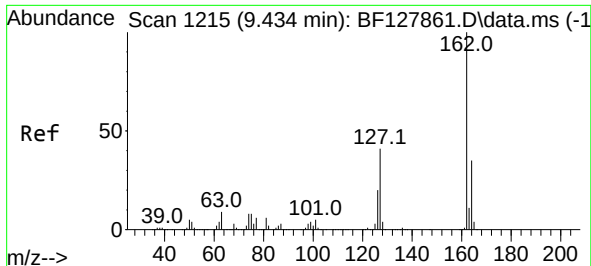
Ion Ratio Lower Upper

154 100

153 40.2 20.4 60.4

76 13.5 0.0 33.2





#47

2-Chloronaphthalene

Concen: 43.350 ng

RT: 9.434 min Scan# 1215

Delta R.T. 0.000 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Instrument :

BNA_F

ClientSampleId :

PB144215BSD

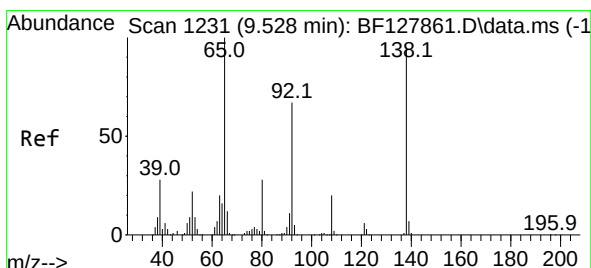
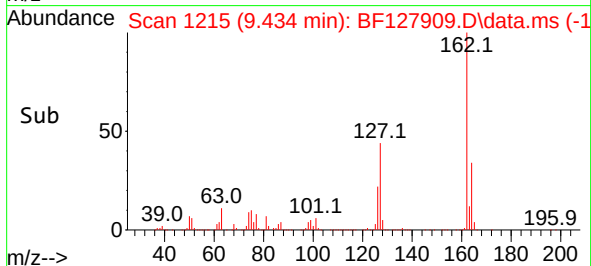
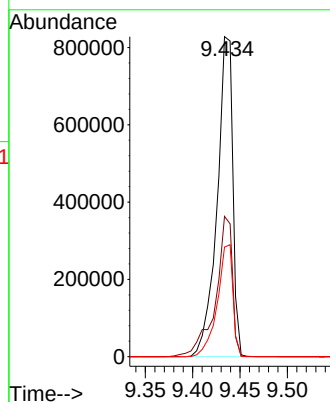
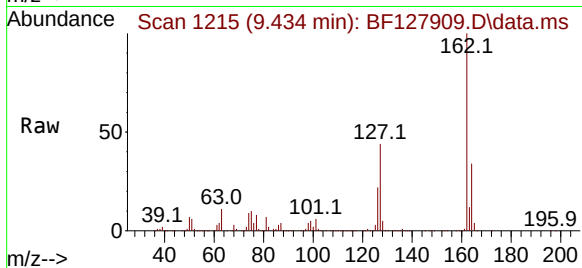
Tgt Ion:162 Resp: 958781

Ion Ratio Lower Upper

162 100

127 43.8 32.9 49.3

164 34.3 28.2 42.2



#48

2-Nitroaniline

Concen: 45.976 ng

RT: 9.534 min Scan# 1232

Delta R.T. 0.006 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

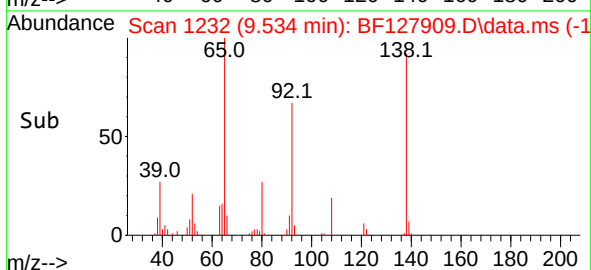
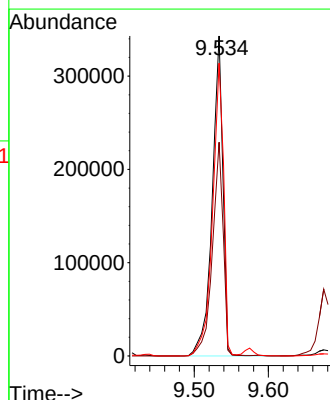
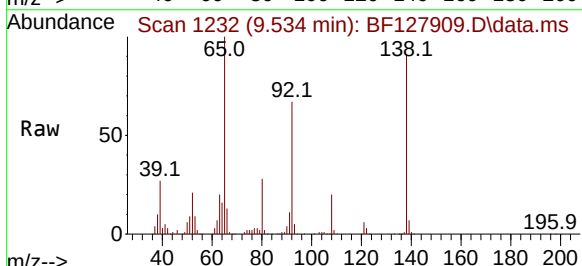
Tgt Ion: 65 Resp: 343968

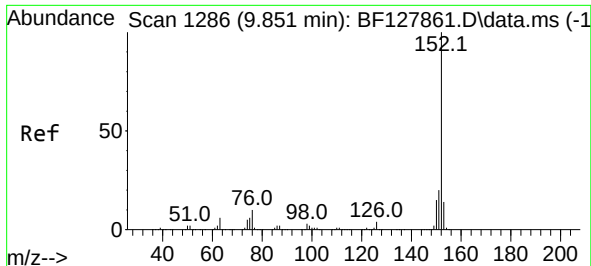
Ion Ratio Lower Upper

65 100

92 66.8 53.7 80.5

138 91.5 76.4 114.6

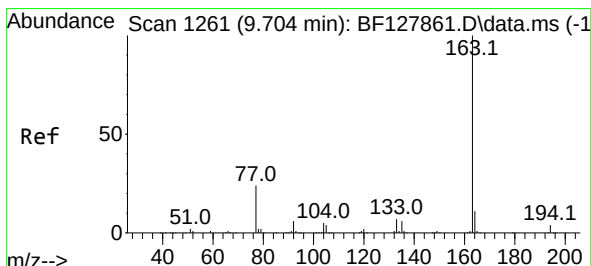
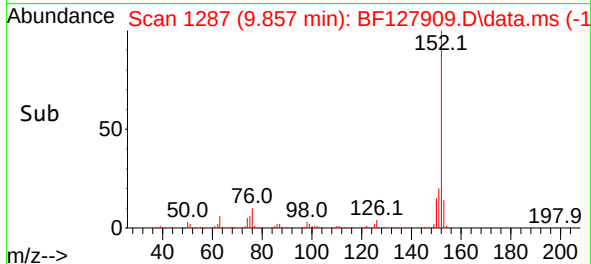
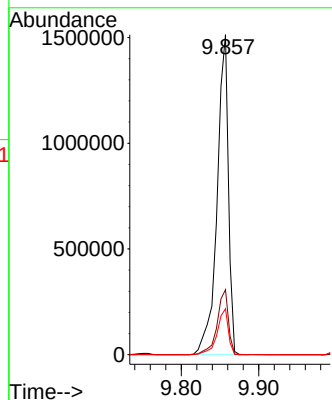
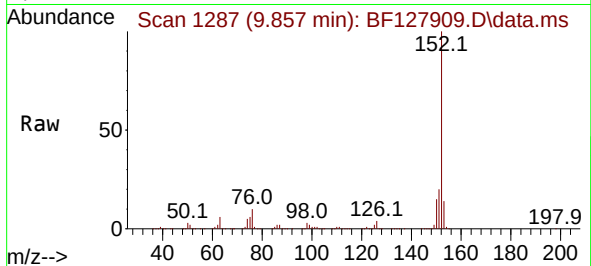




#49
Acenaphthylene
Concen: 45.334 ng
RT: 9.857 min Scan# 1286
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

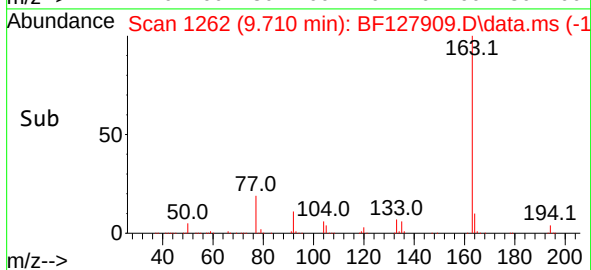
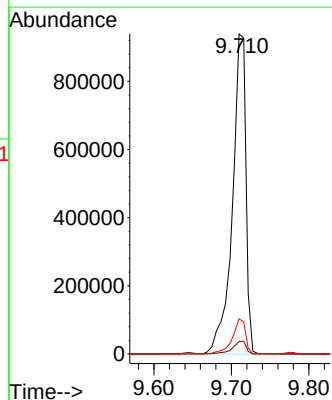
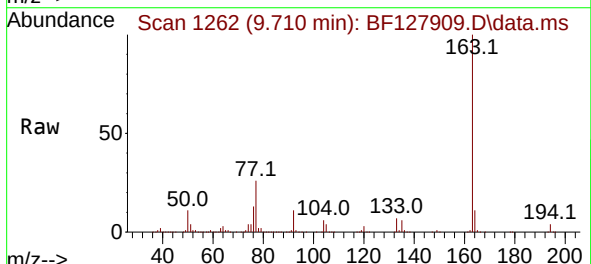
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

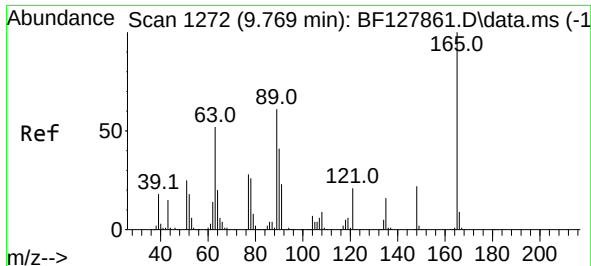
Tgt Ion:152 Resp: 1533723
Ion Ratio Lower Upper
152 100
151 20.3 16.2 24.2
153 14.3 11.2 16.8



#50
Dimethylphthalate
Concen: 43.566 ng
RT: 9.710 min Scan# 1262
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion:163 Resp: 1145975
Ion Ratio Lower Upper
163 100
194 3.9 3.1 4.7
164 10.9 8.6 13.0

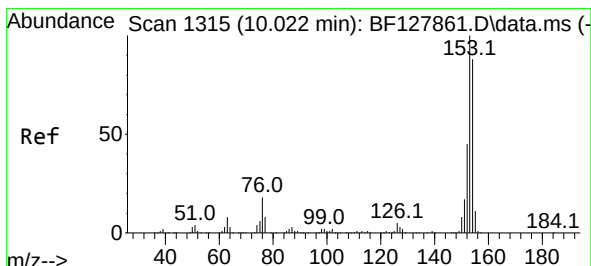
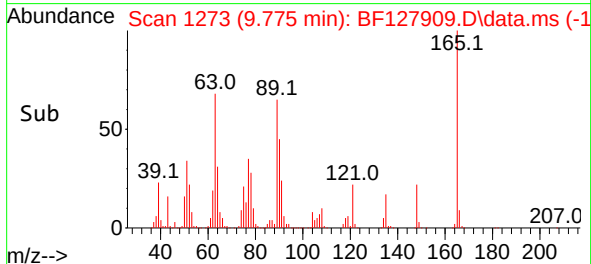
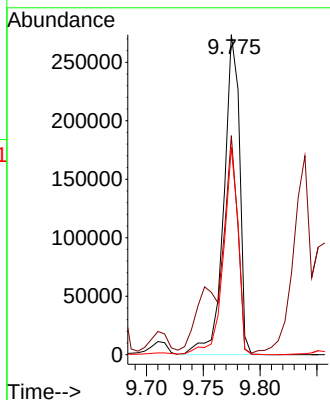
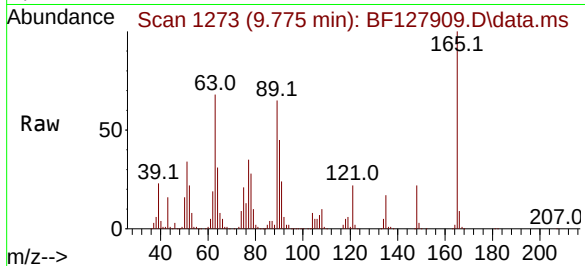




#51
2,6-Dinitrotoluene
Concen: 46.246 ng
RT: 9.775 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

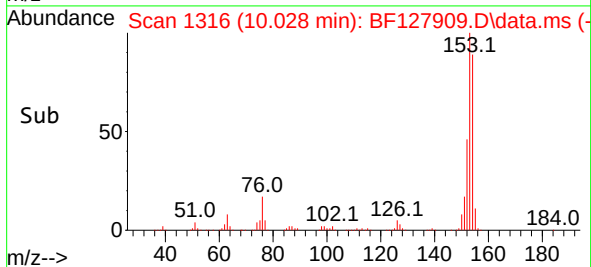
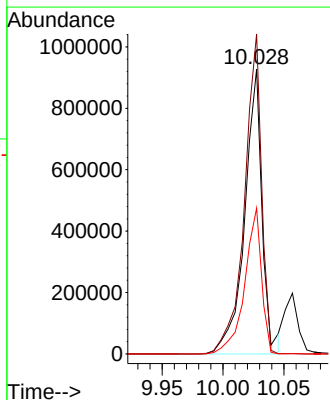
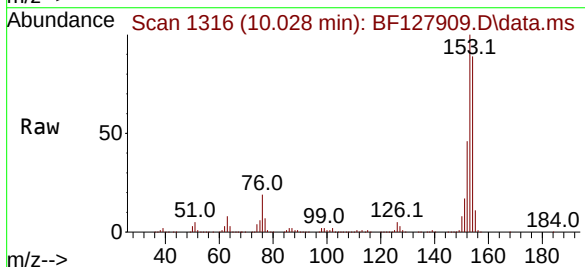
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

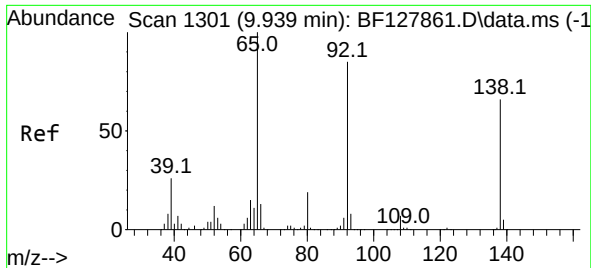
Tgt Ion:165 Resp: 263378
Ion Ratio Lower Upper
165 100
63 68.5 49.5 74.3
89 65.0 49.0 73.4



#52
Acenaphthene
Concen: 40.736 ng
RT: 10.028 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion:154 Resp: 926564
Ion Ratio Lower Upper
154 100
153 112.3 90.5 135.7
152 51.2 41.0 61.6

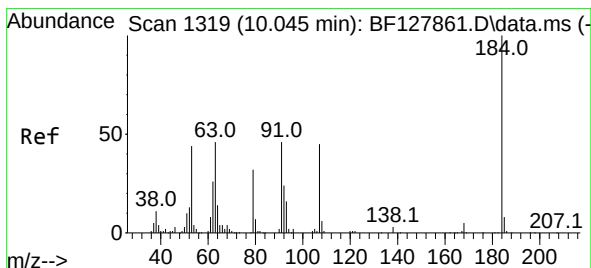
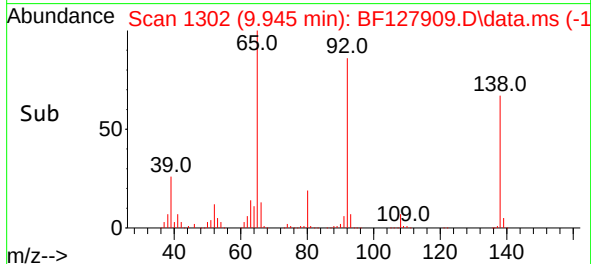
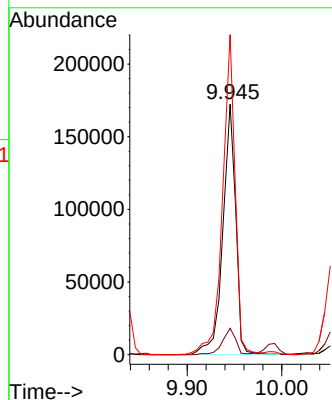
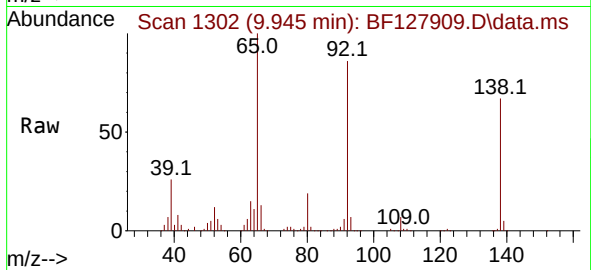




#53
3-Nitroaniline
Concen: 25.790 ng
RT: 9.945 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

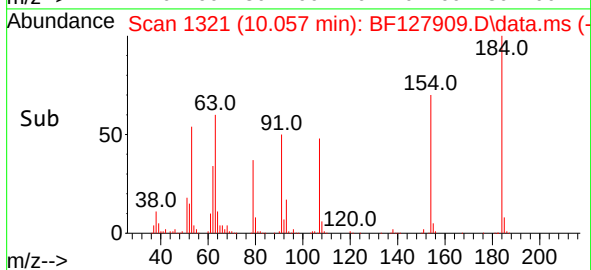
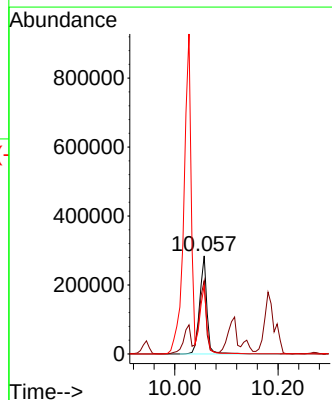
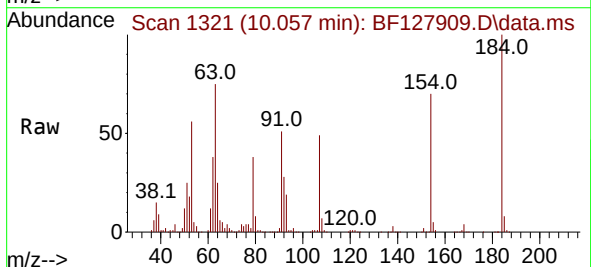
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

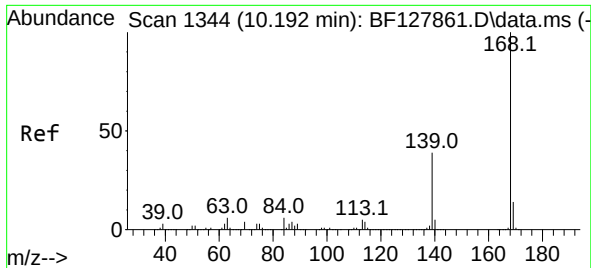
Tgt Ion:138 Resp: 163102
Ion Ratio Lower Upper
138 100
108 10.6 8.2 12.4
92 127.8 102.7 154.1



#54
2,4-Dinitrophenol
Concen: 92.528 ng
RT: 10.057 min Scan# 1321
Delta R.T. 0.012 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion:184 Resp: 277520
Ion Ratio Lower Upper
184 100
63 74.8 50.0 75.0
154 69.6 51.7 77.5

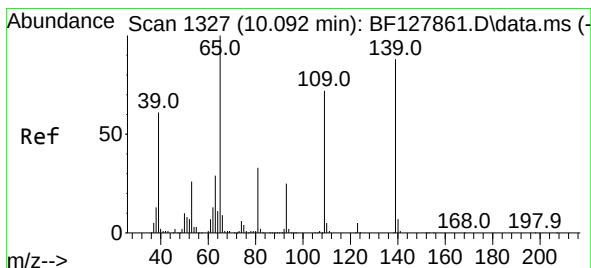
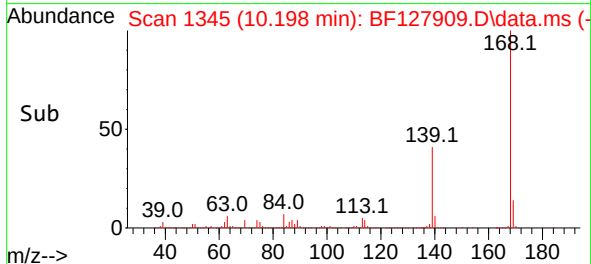
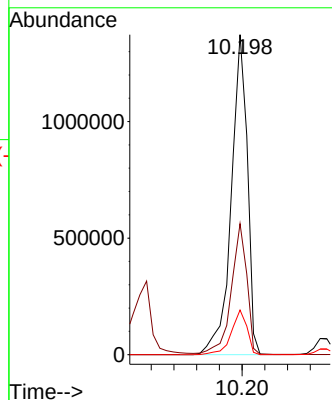
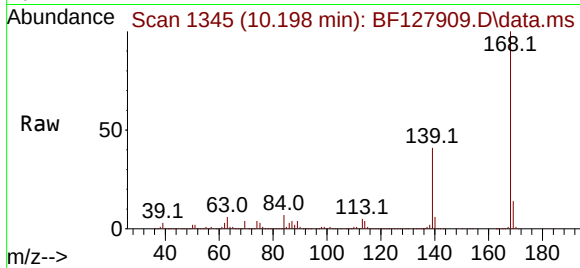




#55
Dibenzofuran
Concen: 41.101 ng
RT: 10.198 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

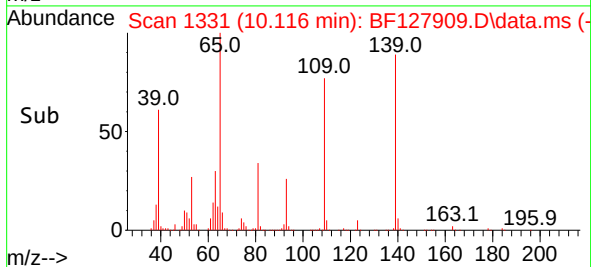
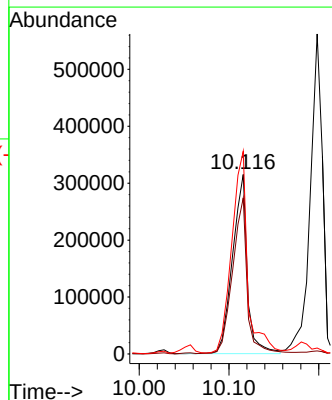
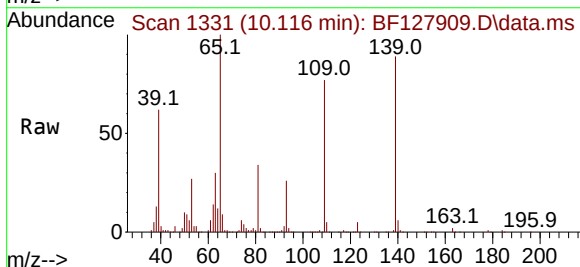
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

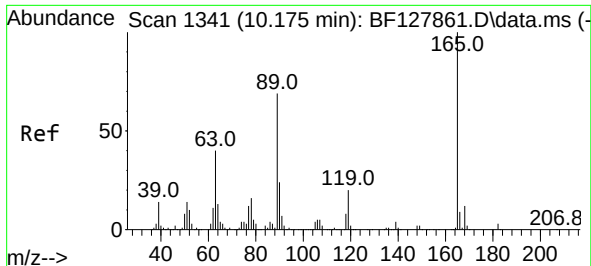
Tgt Ion:168 Resp: 1348772
Ion Ratio Lower Upper
168 100
139 41.0 31.7 47.5
169 14.0 10.9 16.3



#56
4-Nitrophenol
Concen: 74.807 ng
RT: 10.116 min Scan# 1331
Delta R.T. 0.024 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion:139 Resp: 361254
Ion Ratio Lower Upper
139 100
109 86.9 61.9 101.9
65 112.9 93.5 133.5

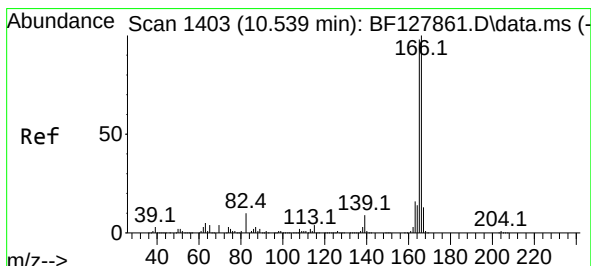
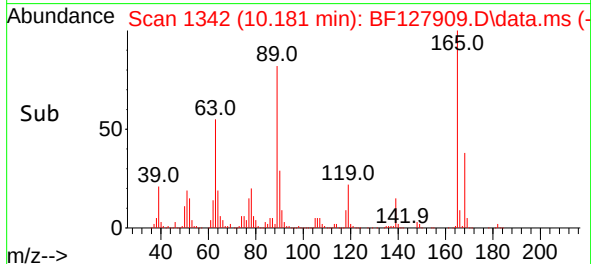
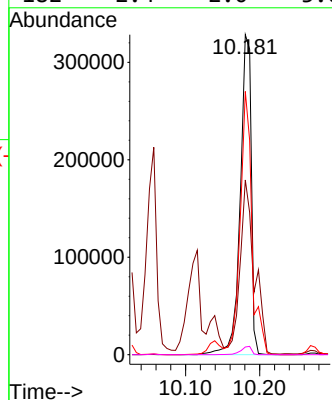
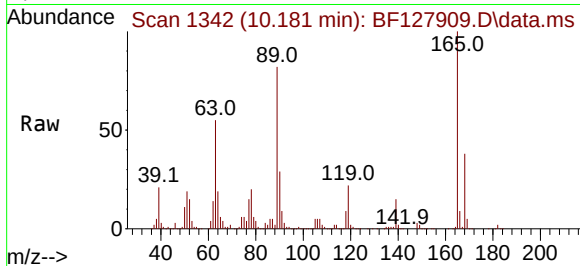




#57
2,4-Dinitrotoluene
Concen: 45.184 ng
RT: 10.181 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

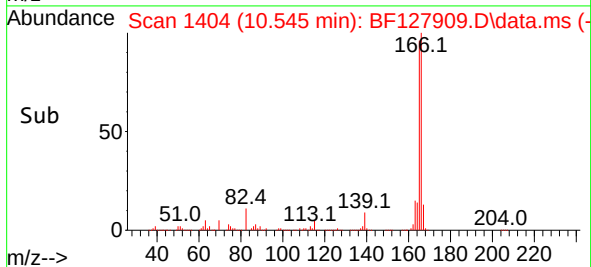
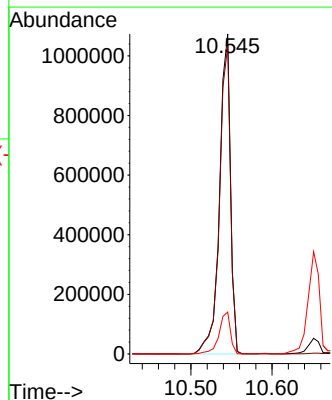
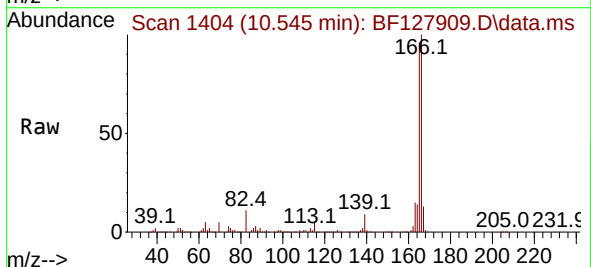
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

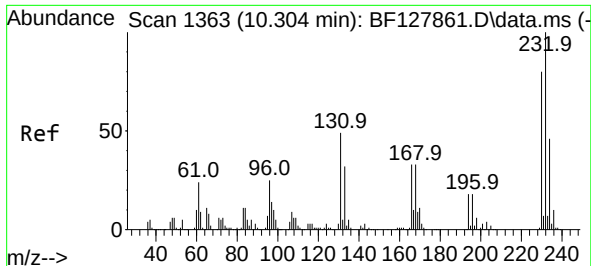
Tgt Ion:165 Resp: 340862
Ion Ratio Lower Upper
165 100
63 54.6 32.6 49.0#
89 82.2 55.2 82.8
182 2.4 2.0 3.0



#58
Fluorene
Concen: 41.361 ng
RT: 10.545 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion:166 Resp: 1012815
Ion Ratio Lower Upper
166 100
165 96.3 78.6 117.8
167 13.1 10.5 15.7





#59

2,3,4,6-Tetrachlorophenol

Concen: 42.329 ng

RT: 10.316 min Scan# 1365

Delta R.T. 0.012 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Instrument :

BNA_F

ClientSampleId :

PB144215BSD

Tgt Ion:232 Resp: 294345

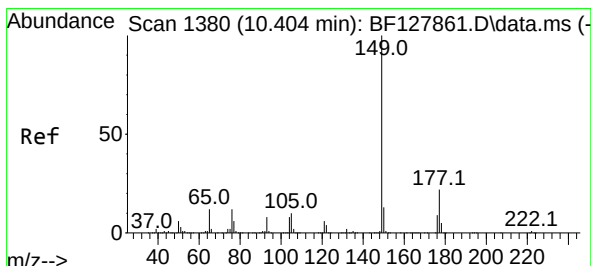
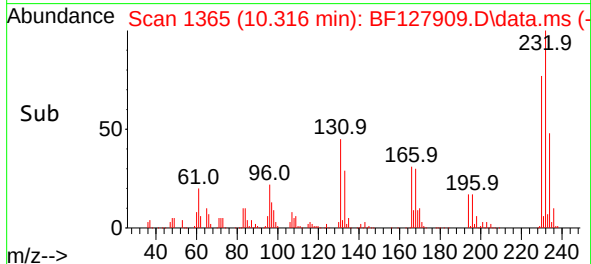
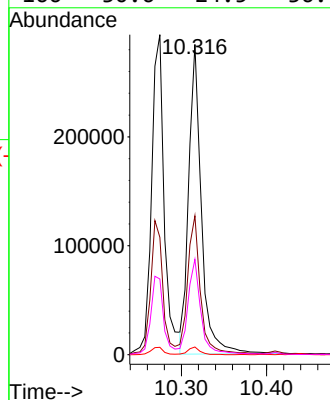
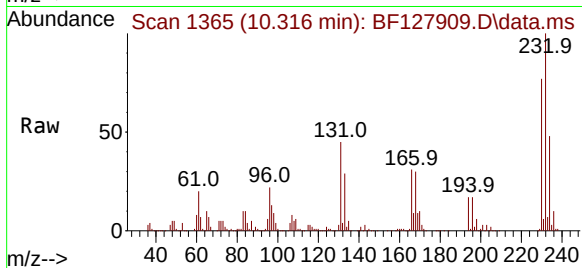
Ion Ratio Lower Upper

232 100

131 45.4 35.4 53.2

130 2.4 1.9 2.9

166 30.6 24.5 36.7



#60

Diethylphthalate

Concen: 42.847 ng

RT: 10.410 min Scan# 1381

Delta R.T. 0.006 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

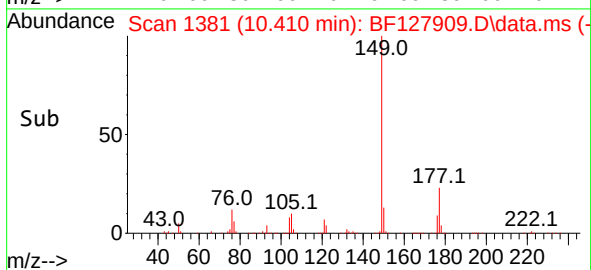
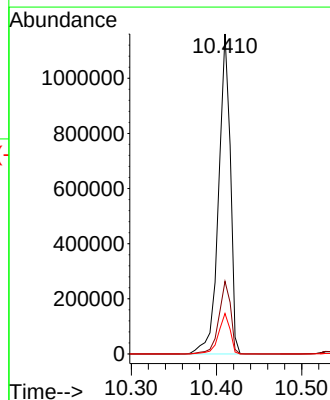
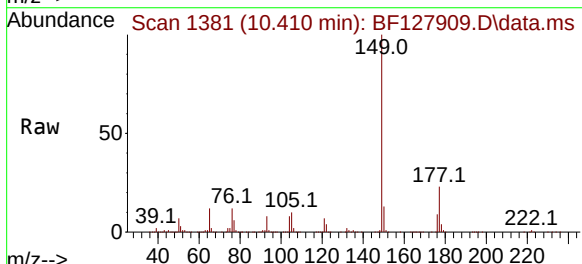
Tgt Ion:149 Resp: 1105176

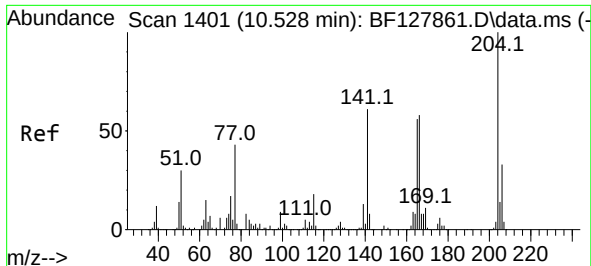
Ion Ratio Lower Upper

149 100

177 22.7 17.8 26.8

150 12.7 10.2 15.2

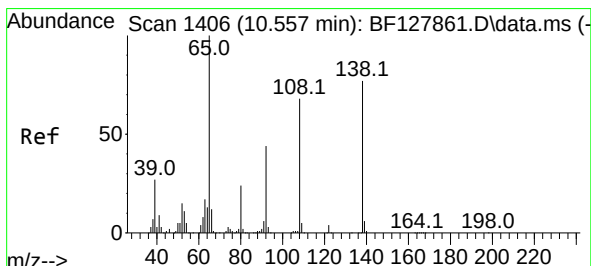
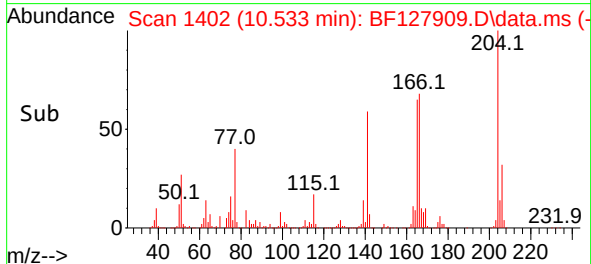
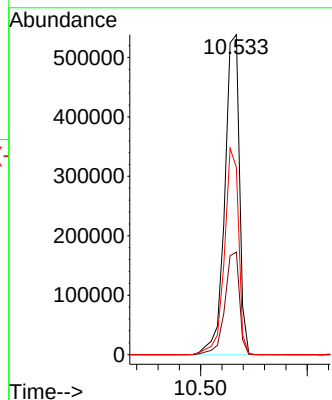
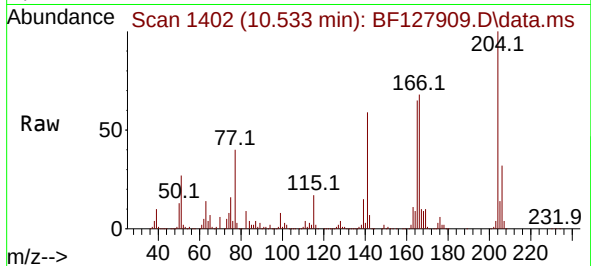




#61
4-Chlorophenyl-phenylether
Concen: 42.130 ng
RT: 10.533 min Scan# 1402
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

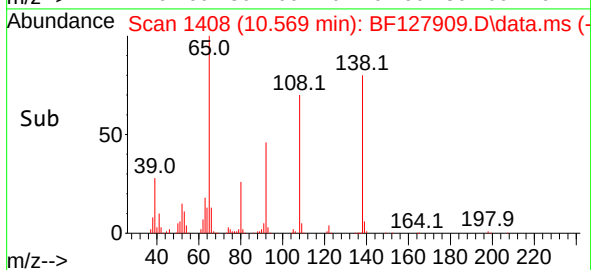
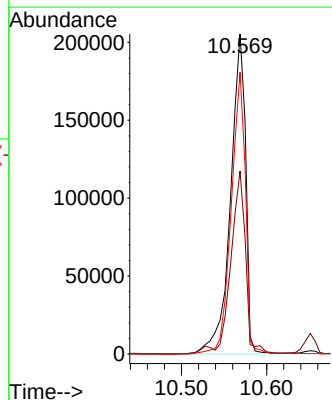
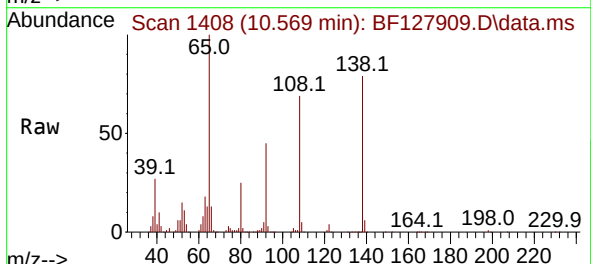
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

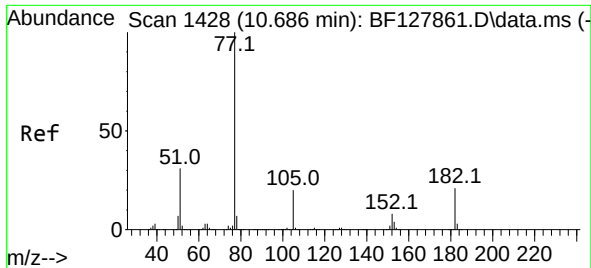
Tgt Ion:204 Resp: 512659
Ion Ratio Lower Upper
204 100
206 32.0 26.5 39.7
141 58.6 48.7 73.1



#62
4-Nitroaniline
Concen: 41.116 ng
RT: 10.569 min Scan# 1408
Delta R.T. 0.012 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion:138 Resp: 254216
Ion Ratio Lower Upper
138 100
92 57.1 37.4 77.4
108 88.0 68.4 108.4

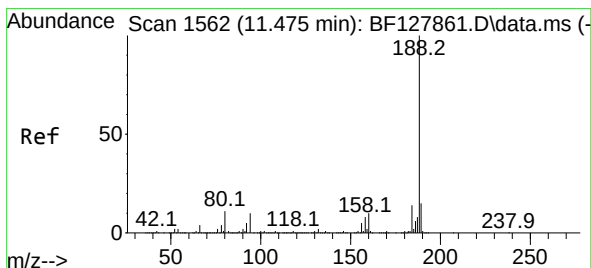
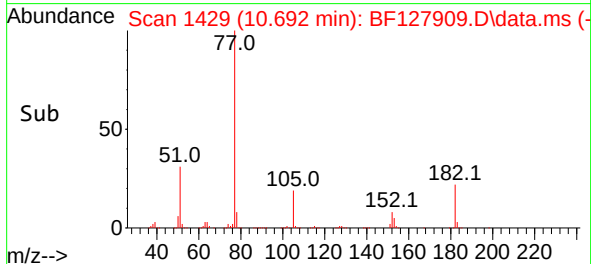
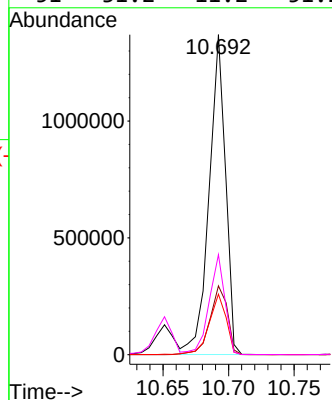
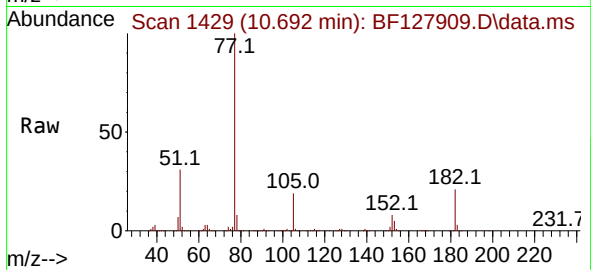




#63
Azobenzene
Concen: 41.903 ng
RT: 10.692 min Scan# 1428
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

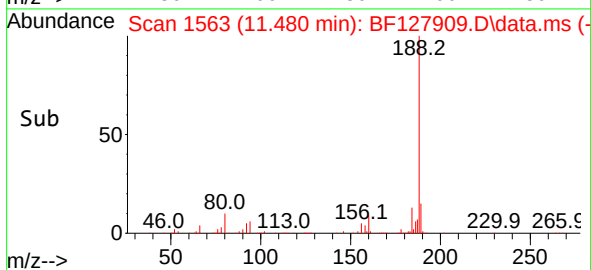
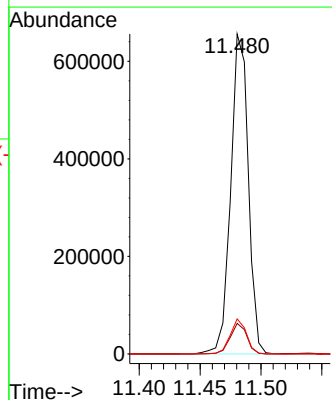
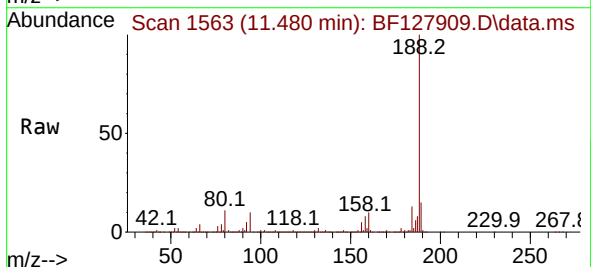
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

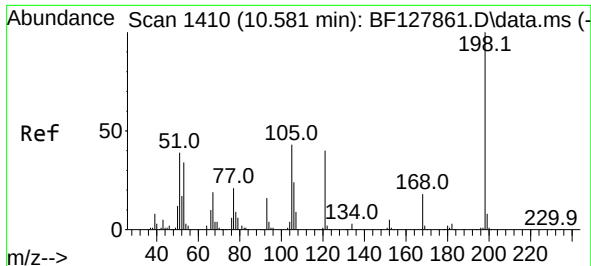
Tgt Ion: 77 Resp: 1189318
Ion Ratio Lower Upper
77 100
182 21.5 1.2 41.2
105 18.9 0.0 39.8
51 31.2 11.2 51.2



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.480 min Scan# 1563
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion: 188 Resp: 658905
Ion Ratio Lower Upper
188 100
94 9.5 8.0 12.0
80 11.0 8.9 13.3

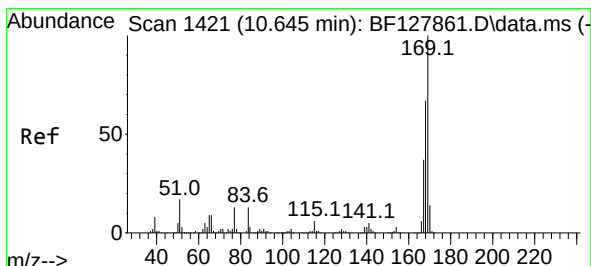
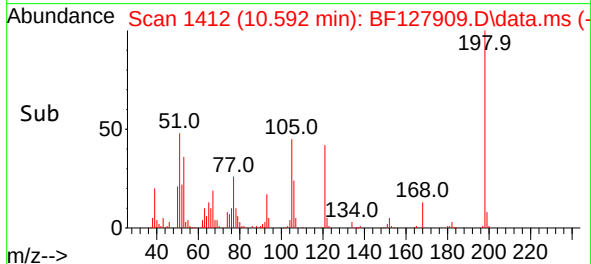
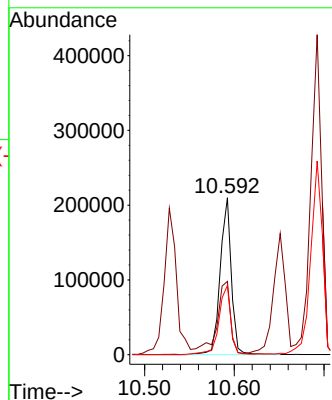
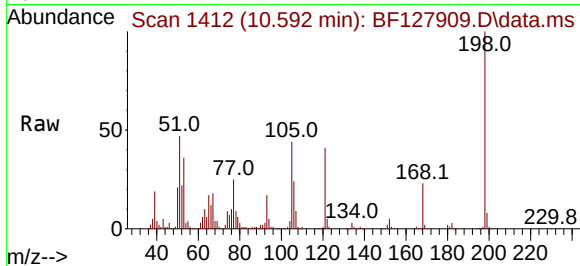




#65
4,6-Dinitro-2-methylphenol
Concen: 46.198 ng
RT: 10.592 min Scan# 1412
Delta R.T. 0.012 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

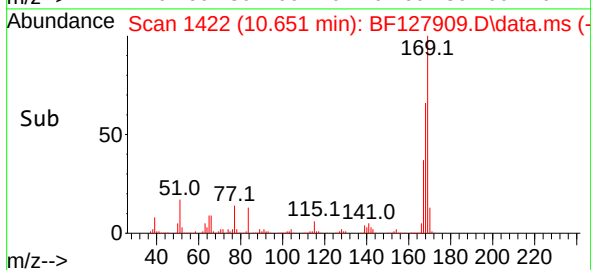
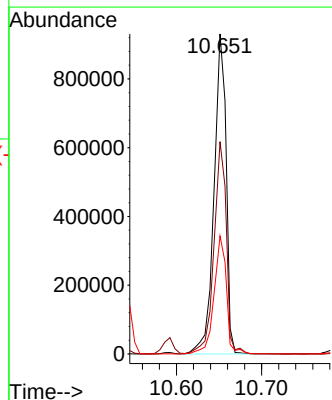
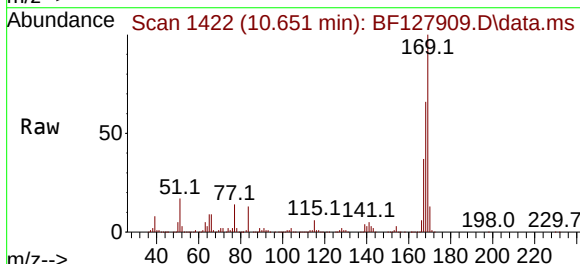
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

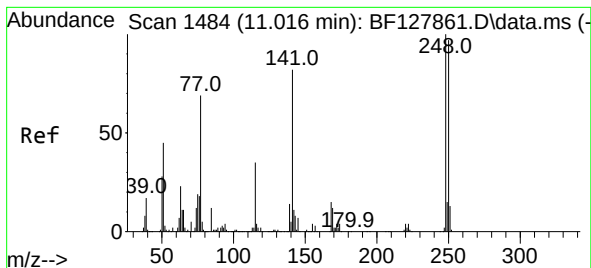
Tgt Ion:198 Resp: 180871
Ion Ratio Lower Upper
198 100
51 46.6 28.4 68.4
105 44.0 23.4 63.4



#66
n-Nitrosodiphenylamine
Concen: 44.793 ng
RT: 10.651 min Scan# 1422
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion:169 Resp: 918372
Ion Ratio Lower Upper
169 100
168 66.3 53.8 80.6
167 36.9 29.5 44.3

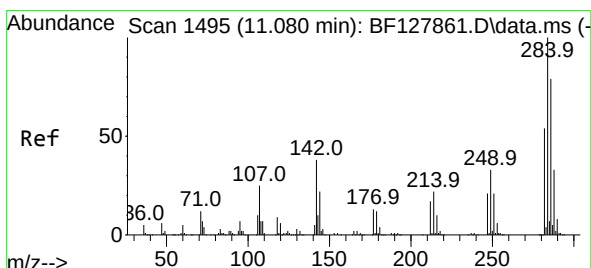
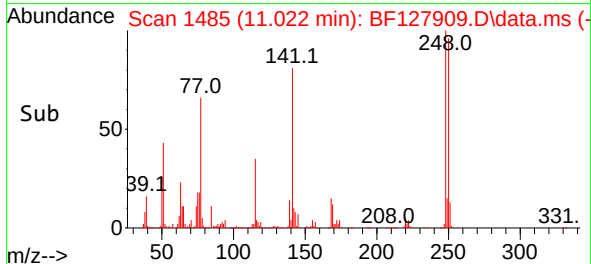
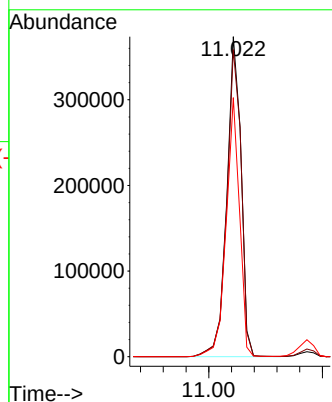
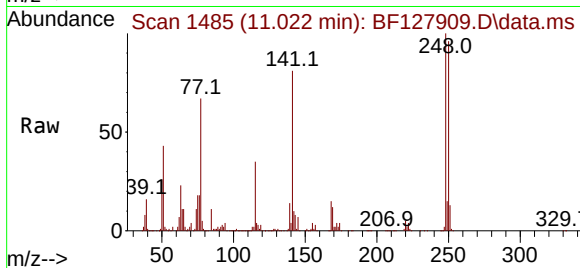




#67
4-Bromophenyl-phenylether
Concen: 44.618 ng
RT: 11.022 min Scan# 1485
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

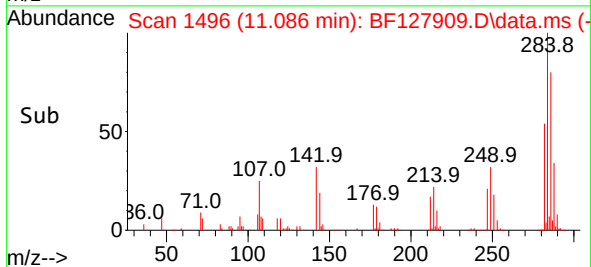
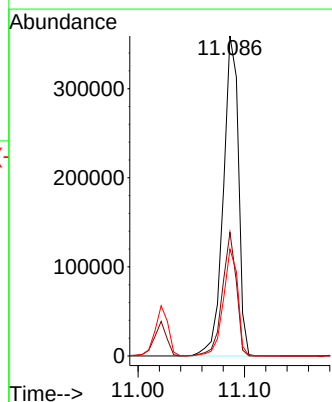
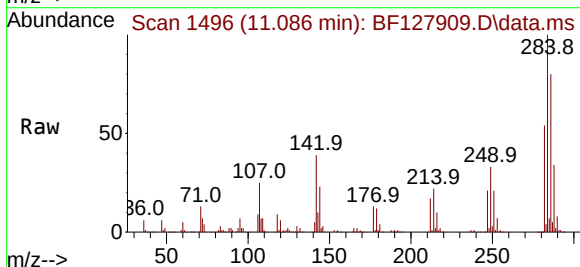
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

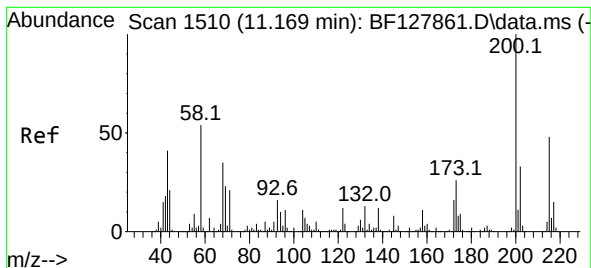
Tgt Ion:248 Resp: 325906
Ion Ratio Lower Upper
248 100
250 96.0 77.7 116.5
141 80.9 65.6 98.4



#68
Hexachlorobenzene
Concen: 45.896 ng
RT: 11.086 min Scan# 1496
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion:284 Resp: 353207
Ion Ratio Lower Upper
284 100
142 38.6 30.2 45.4
249 33.4 26.1 39.1





#69

Atrazine

Concen: 50.563 ng

RT: 11.180 min Scan# 1

Delta R.T. 0.012 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Instrument :

BNA_F

ClientSampleId :

PB144215BSD

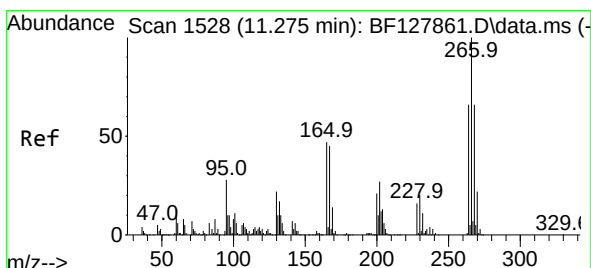
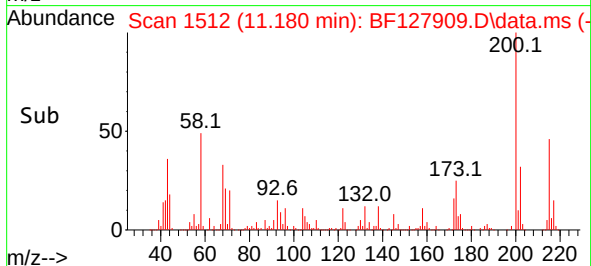
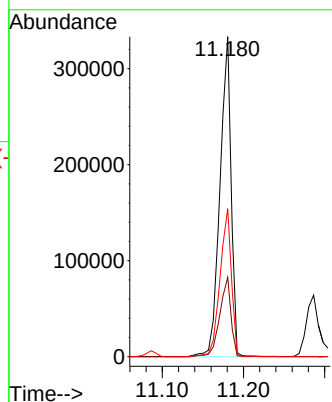
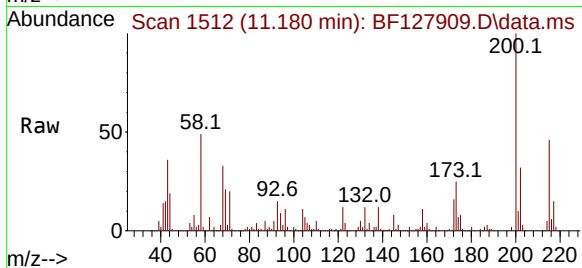
Tgt Ion:200 Resp: 320557

Ion Ratio Lower Upper

200 100

173 24.8 6.0 46.0

215 46.2 28.1 68.1



#70

Pentachlorophenol

Concen: 84.934 ng

RT: 11.286 min Scan# 1530

Delta R.T. 0.012 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

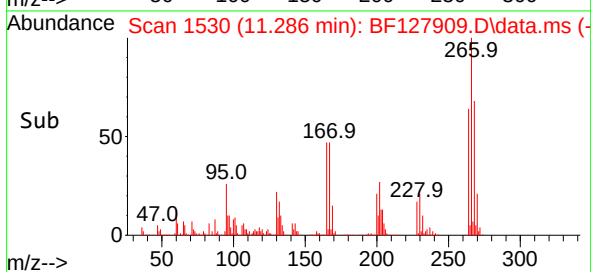
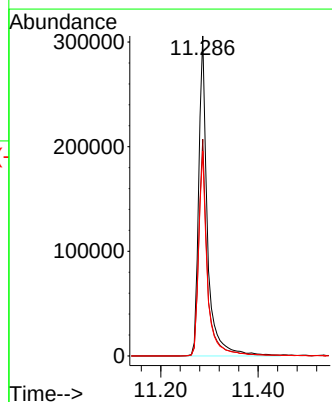
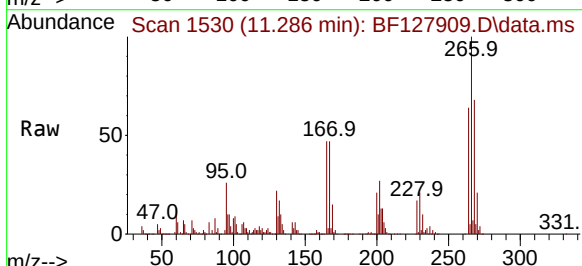
Tgt Ion:266 Resp: 384532

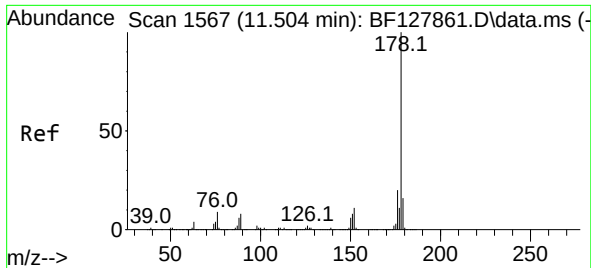
Ion Ratio Lower Upper

266 100

268 67.8 53.0 79.6

264 64.1 53.1 79.7

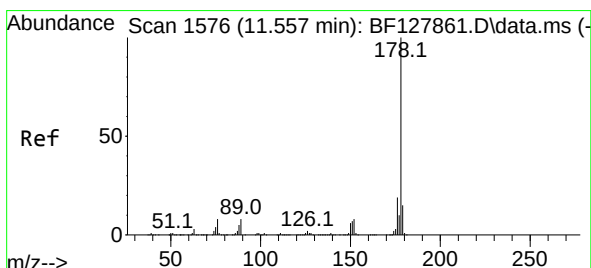
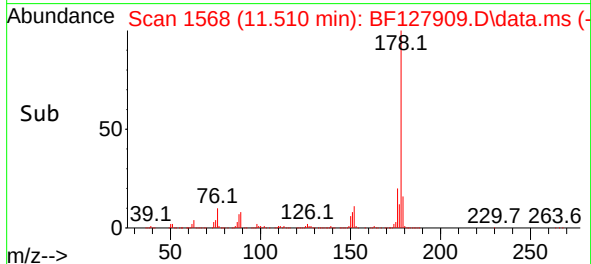
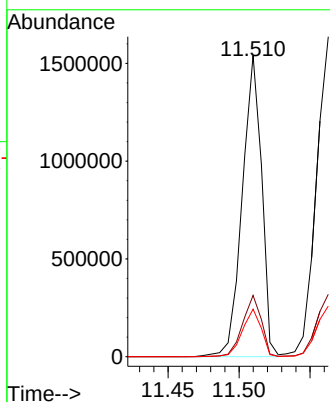
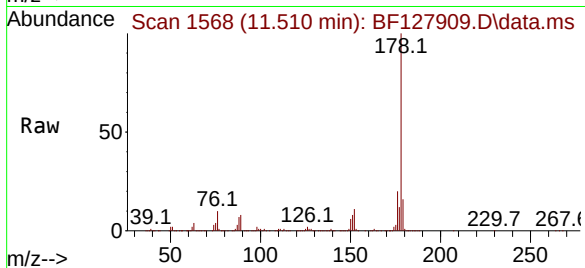




#71
Phenanthrene
Concen: 42.322 ng
RT: 11.510 min Scan# 1567
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

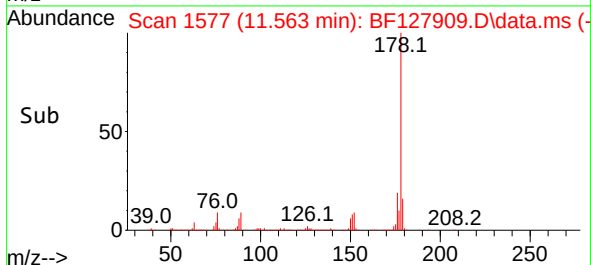
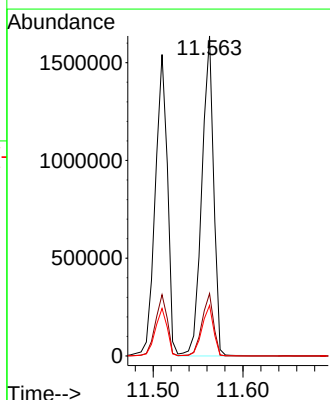
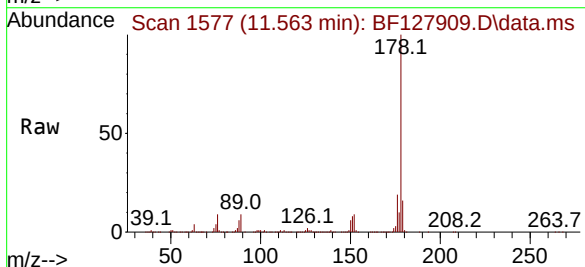
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

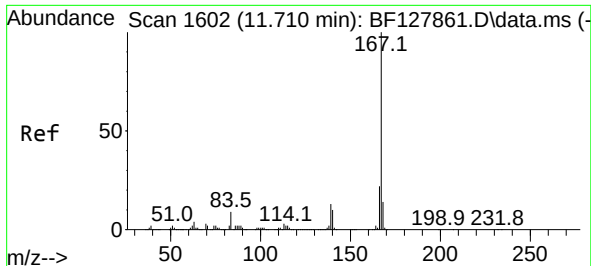
Tgt Ion:178 Resp: 1459730
Ion Ratio Lower Upper
178 100
176 20.4 15.7 23.5
179 15.8 12.6 19.0



#72
Anthracene
Concen: 43.419 ng
RT: 11.563 min Scan# 1577
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion:178 Resp: 1491762
Ion Ratio Lower Upper
178 100
176 19.5 15.0 22.6
179 15.8 12.4 18.6

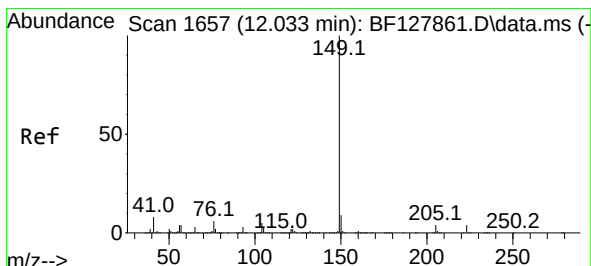
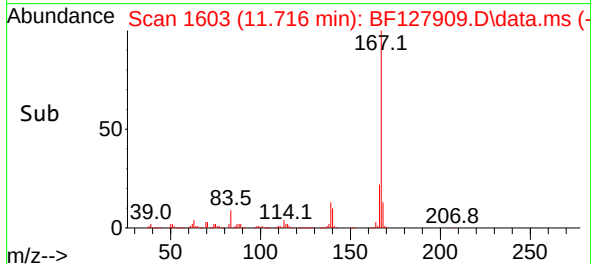
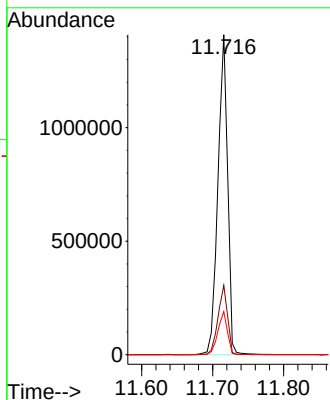
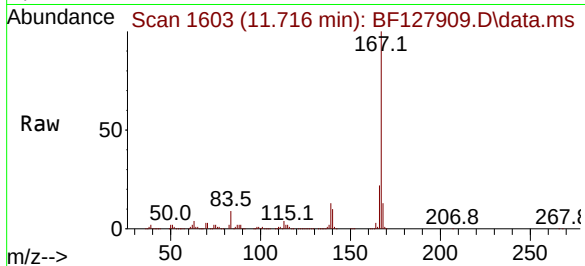




#73
 Carbazole
 Concen: 40.161 ng
 RT: 11.716 min Scan# 1602
 Delta R.T. 0.006 min
 Lab File: BF127909.D
 Acq: 26 Apr 2022 12:44

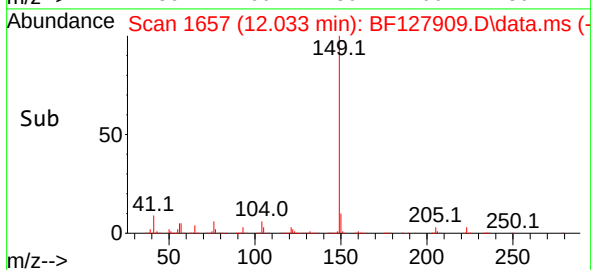
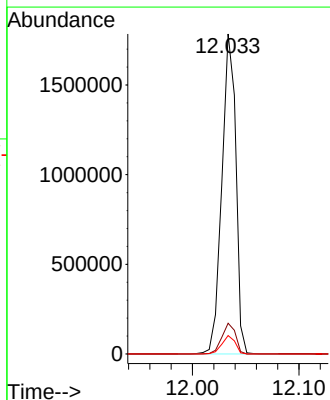
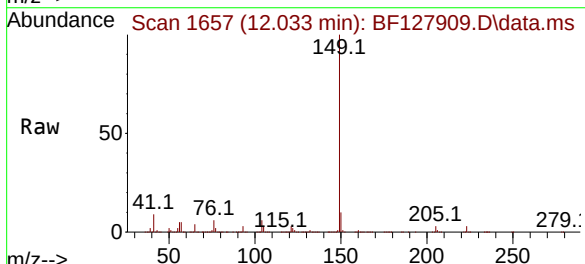
Instrument :
 BNA_F
 ClientSampleId :
 PB144215BSD

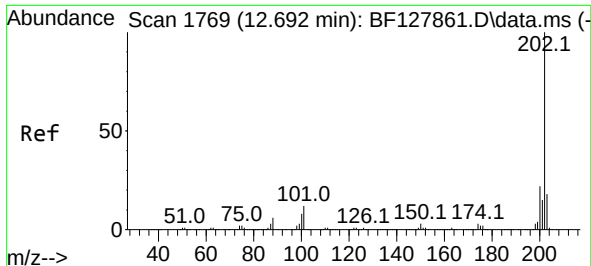
Tgt Ion:167 Resp: 1329856
 Ion Ratio Lower Upper
 167 100
 166 21.7 17.6 26.4
 139 13.4 10.7 16.1



#74
 Di-n-butylphthalate
 Concen: 43.528 ng
 RT: 12.033 min Scan# 1657
 Delta R.T. 0.000 min
 Lab File: BF127909.D
 Acq: 26 Apr 2022 12:44

Tgt Ion:149 Resp: 1620744
 Ion Ratio Lower Upper
 149 100
 150 9.6 7.5 11.3
 104 5.8 4.3 6.5

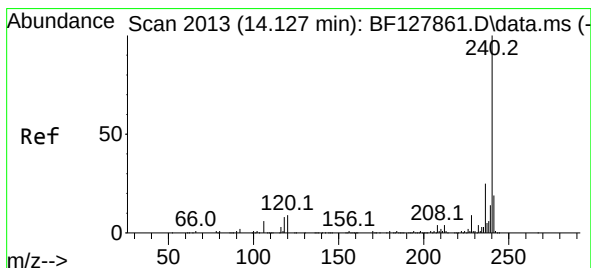
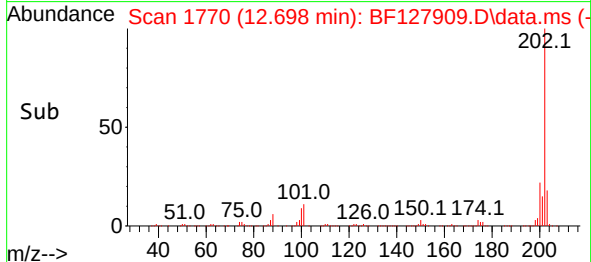
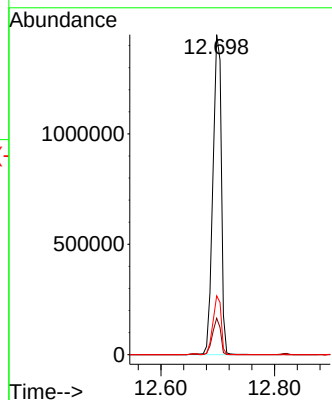
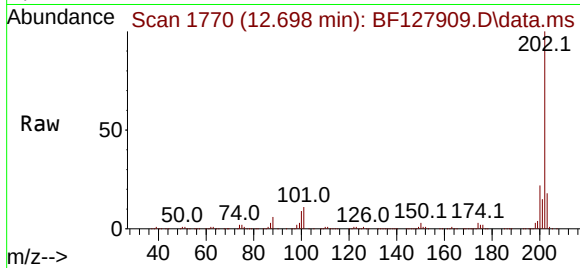




#75
Fluoranthene
Concen: 40.823 ng
RT: 12.698 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

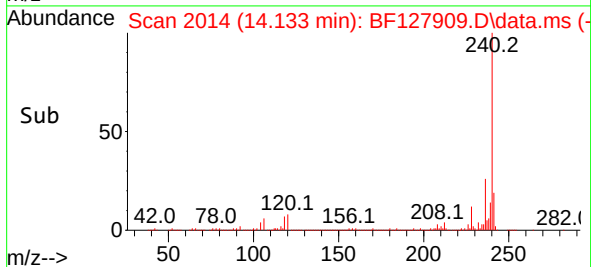
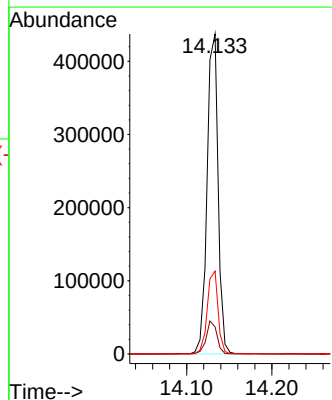
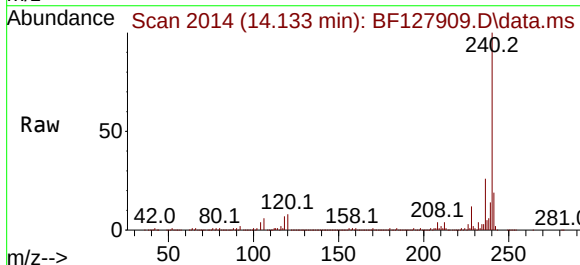
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

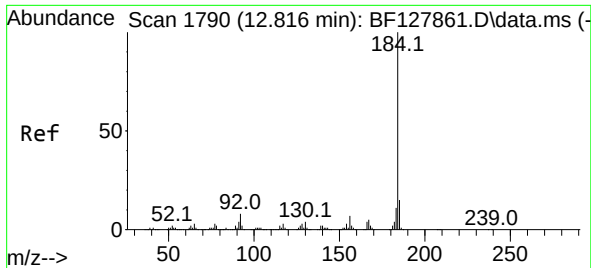
Tgt Ion:202 Resp: 1481892
Ion Ratio Lower Upper
202 100
101 11.4 0.0 31.6
203 18.4 0.0 38.1



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.133 min Scan# 2014
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion:240 Resp: 392613
Ion Ratio Lower Upper
240 100
120 8.4 7.0 10.6
236 25.9 20.3 30.5

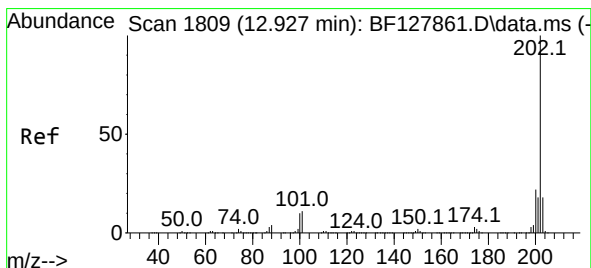
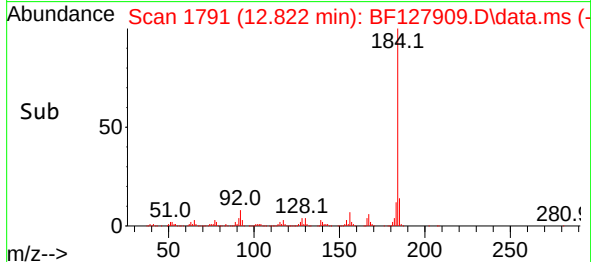
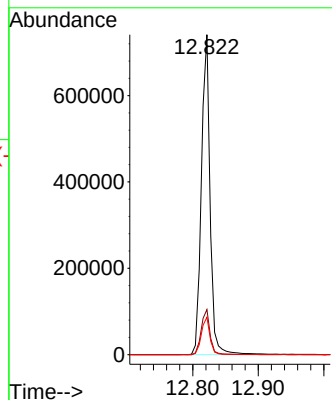
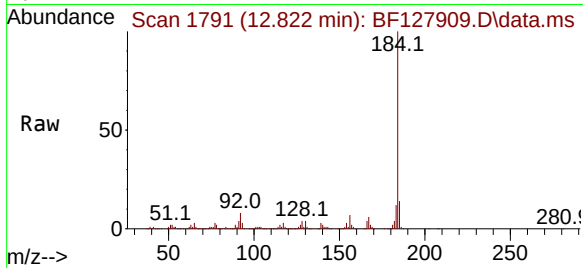




#77
Benzidine
Concen: 92.153 ng
RT: 12.822 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

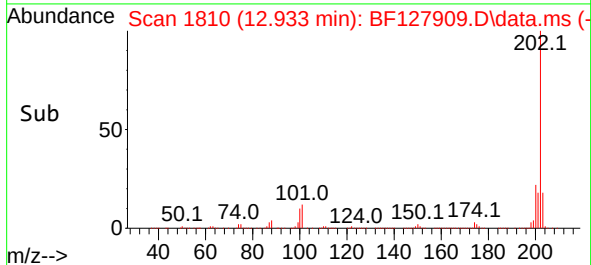
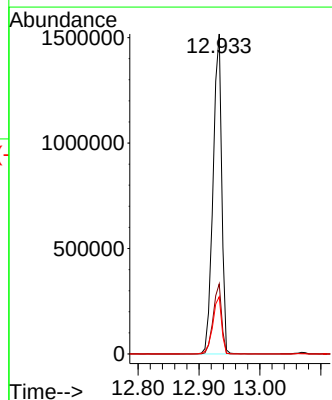
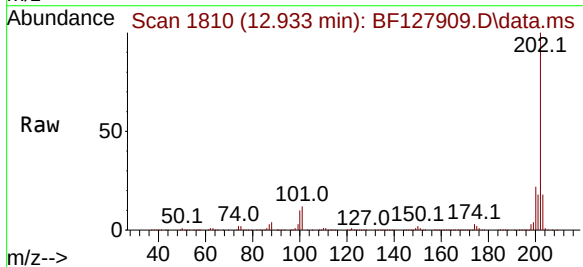
Instrument :
BNA_F
ClientSampleId :
PB144215BSD

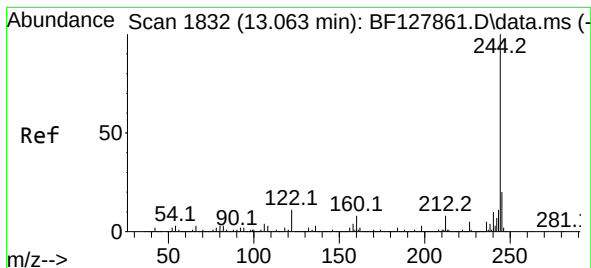
Tgt Ion:184 Resp: 684583
Ion Ratio Lower Upper
184 100
185 14.1 12.1 18.1
183 11.7 9.0 13.4



#78
Pyrene
Concen: 47.163 ng
RT: 12.933 min Scan# 1810
Delta R.T. 0.006 min
Lab File: BF127909.D
Acq: 26 Apr 2022 12:44

Tgt Ion:202 Resp: 1494783
Ion Ratio Lower Upper
202 100
200 21.9 17.4 26.2
203 17.9 14.0 21.0





#79

Terphenyl-d14

Concen: 92.645 ng

RT: 13.069 min Scan# 11

Delta R.T. 0.006 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Instrument :

BNA_F

ClientSampleId :

PB144215BSD

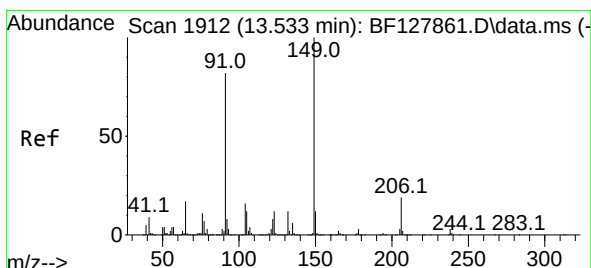
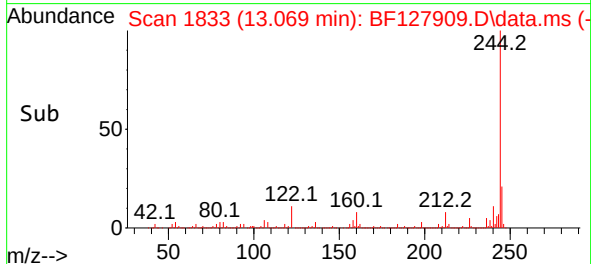
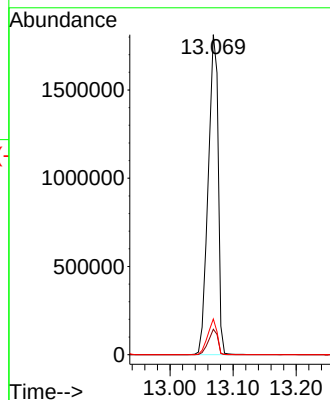
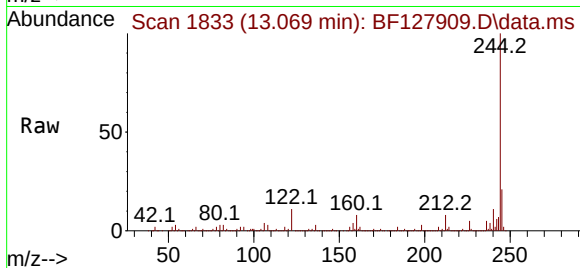
Tgt Ion:244 Resp: 1989188

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.4

122 11.1 8.6 12.8



#80

Butylbenzylphthalate

Concen: 50.474 ng

RT: 13.539 min Scan# 1913

Delta R.T. 0.006 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

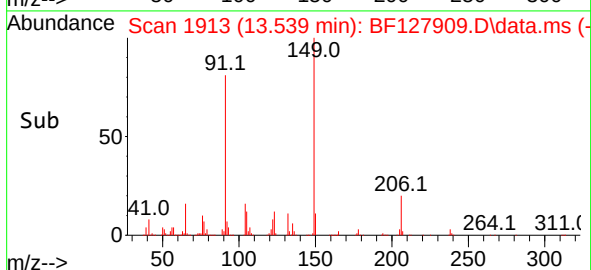
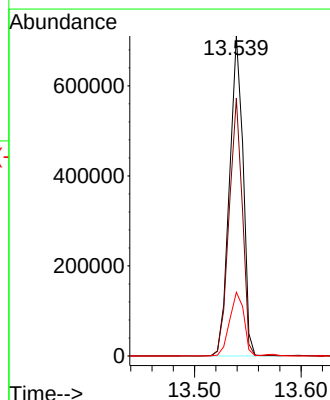
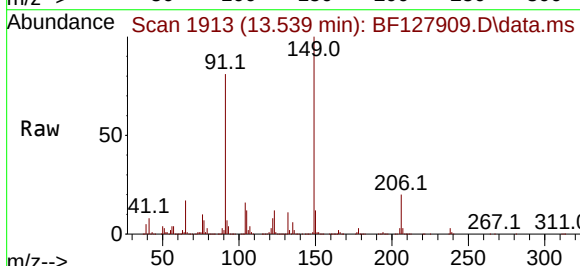
Tgt Ion:149 Resp: 627018

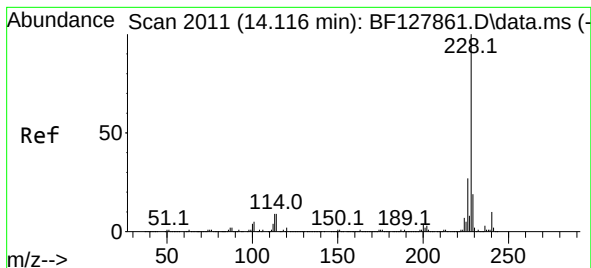
Ion Ratio Lower Upper

149 100

91 80.6 65.8 98.6

206 19.9 15.4 23.2





#81

Benzo(a)anthracene

Concen: 45.909 ng

RT: 14.121 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Instrument :

BNA_F

ClientSampleId :

PB144215BSD

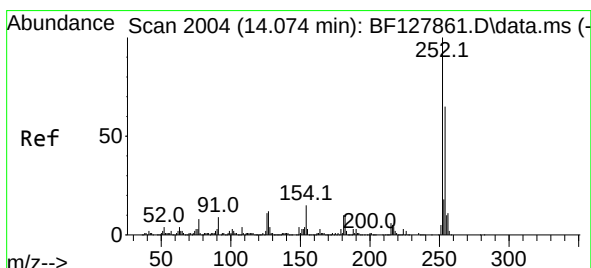
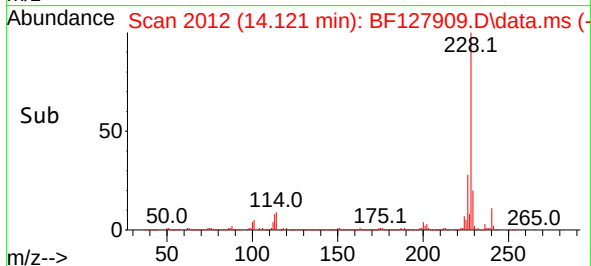
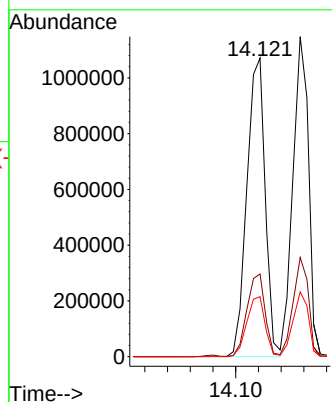
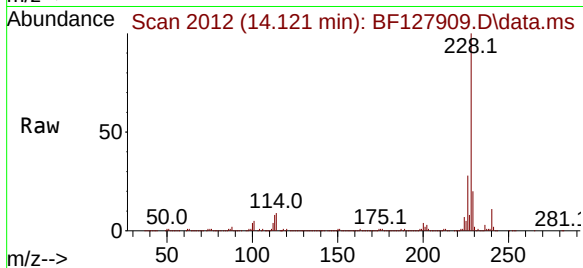
Tgt Ion:228 Resp: 1201373

Ion Ratio Lower Upper

228 100

226 27.7 21.7 32.5

229 20.1 15.4 23.2



#82

3,3'-Dichlorobenzidine

Concen: 30.066 ng

RT: 14.080 min Scan# 2005

Delta R.T. 0.006 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

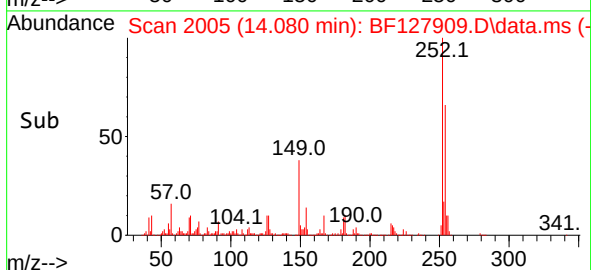
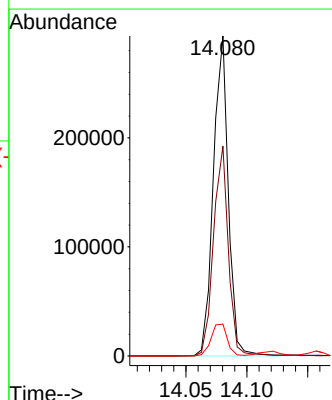
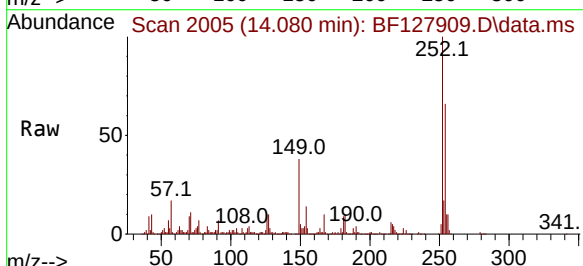
Tgt Ion:252 Resp: 249820

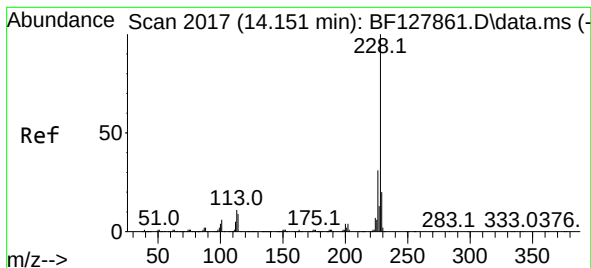
Ion Ratio Lower Upper

252 100

254 65.5 51.6 77.4

126 10.0 8.8 13.2





#83

Chrysene

Concen: 43.947 ng

RT: 14.157 min Scan# 20

Delta R.T. 0.006 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Instrument :

BNA_F

ClientSampleId :

PB144215BSD

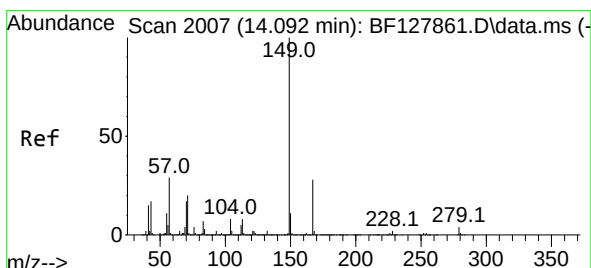
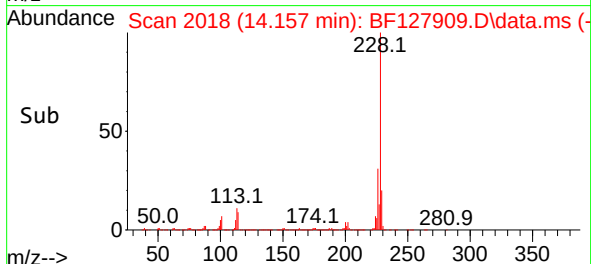
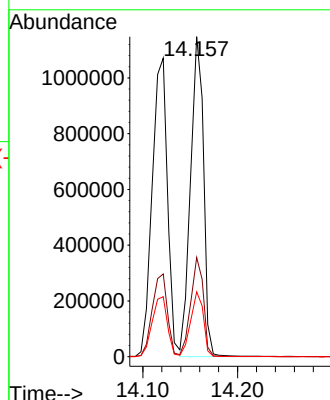
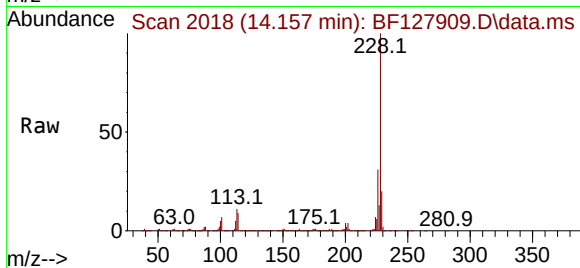
Tgt Ion:228 Resp: 1098324

Ion Ratio Lower Upper

228 100

226 31.0 24.4 36.6

229 20.2 15.8 23.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 52.598 ng

RT: 14.092 min Scan# 2007

Delta R.T. 0.000 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

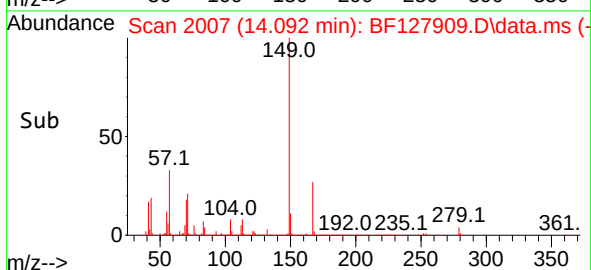
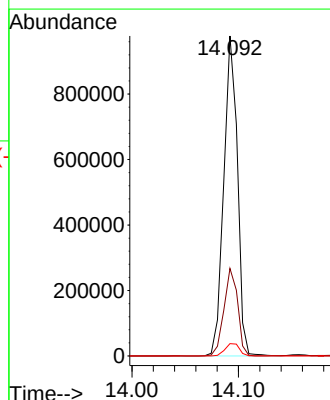
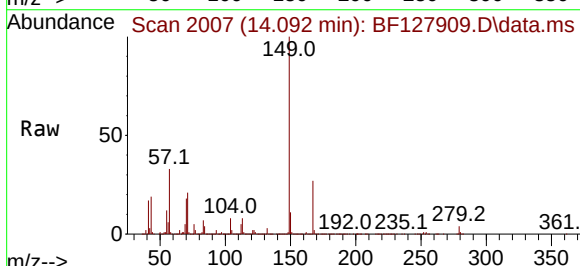
Tgt Ion:149 Resp: 866486

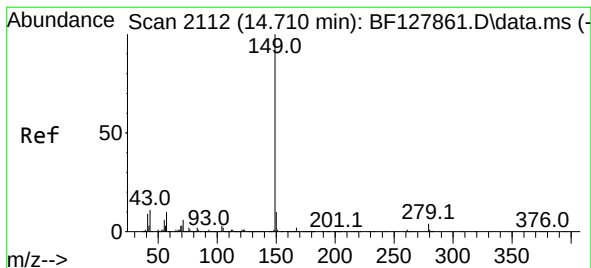
Ion Ratio Lower Upper

149 100

167 27.4 22.0 33.0

279 3.8 3.4 5.0





#85

Di-n-octyl phthalate

Concen: 51.669 ng

RT: 14.716 min Scan# 2112

Delta R.T. 0.006 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Instrument :

BNA_F

ClientSampleId :

PB144215BSD

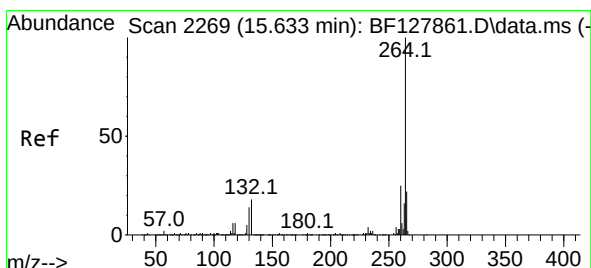
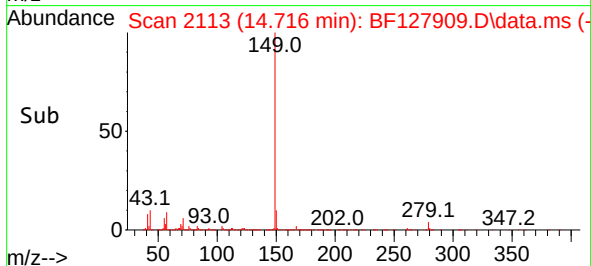
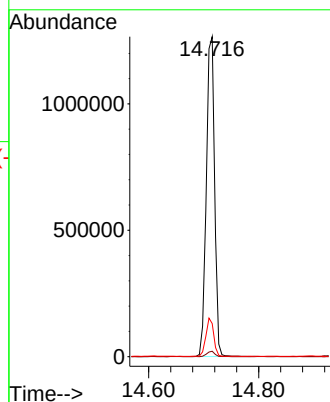
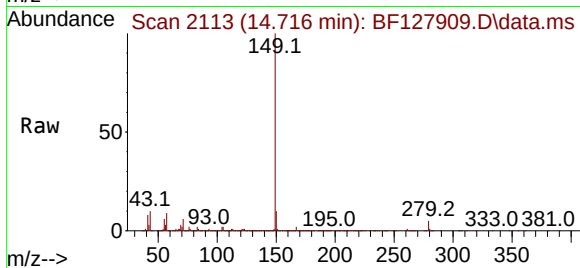
Tgt Ion:149 Resp: 1319088

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 11.3 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.645 min Scan# 2271

Delta R.T. 0.012 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

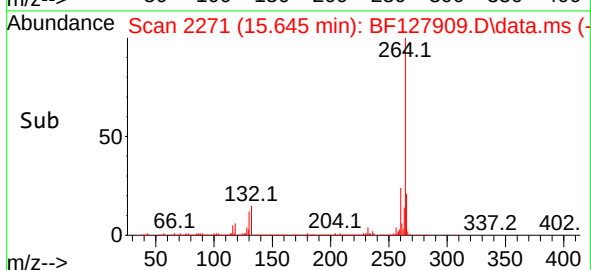
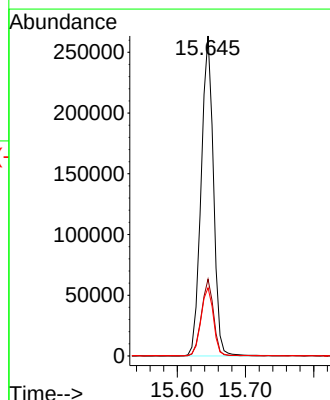
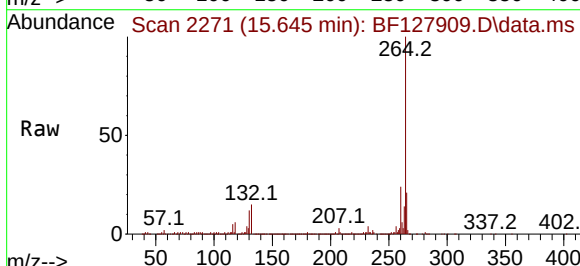
Tgt Ion:264 Resp: 330714

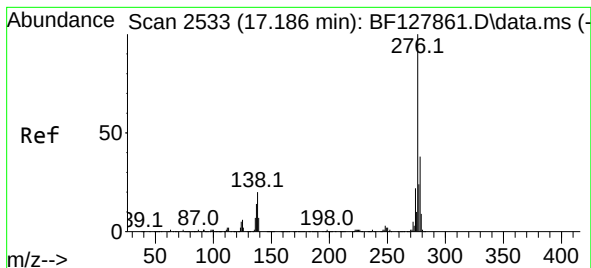
Ion Ratio Lower Upper

264 100

260 24.0 20.1 30.1

265 21.3 17.5 26.3





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.225 ng

RT: 17.198 min Scan# 2195

Delta R.T. 0.012 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Instrument :

BNA_F

ClientSampleId :

PB144215BSD

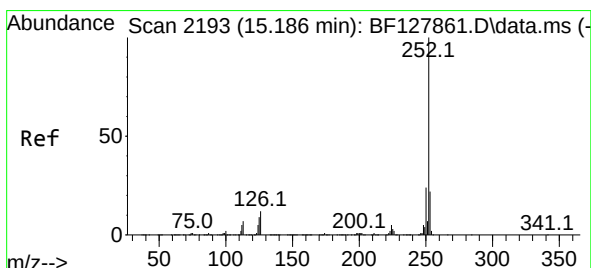
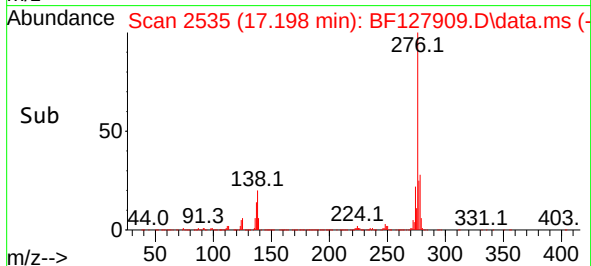
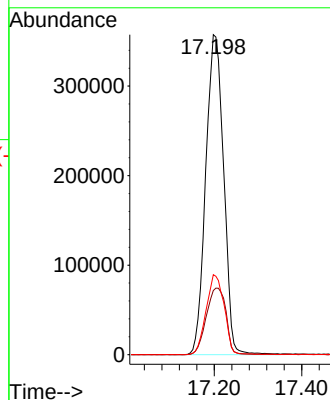
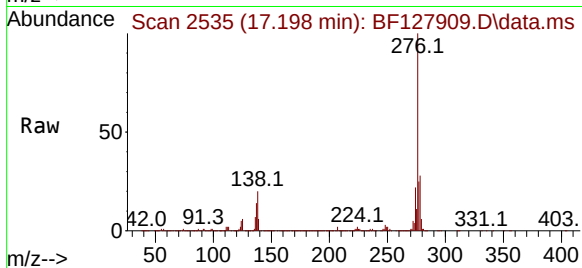
Tgt Ion:276 Resp: 1020400

Ion Ratio Lower Upper

276 100

138 22.9 19.0 28.4

277 25.3 20.1 30.1



#88

Benzo(b)fluoranthene

Concen: 48.500 ng

RT: 15.198 min Scan# 2195

Delta R.T. 0.012 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

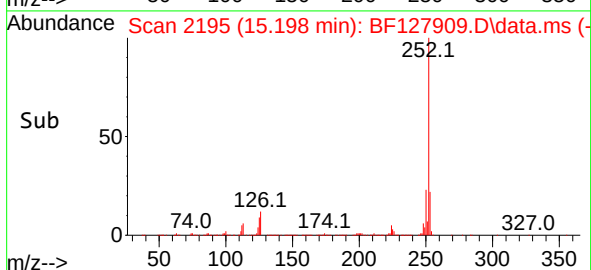
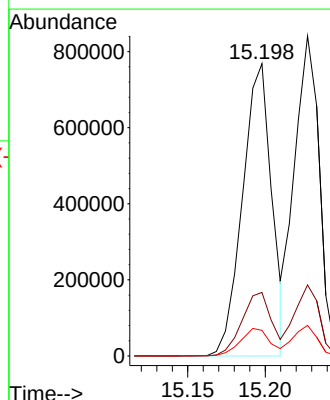
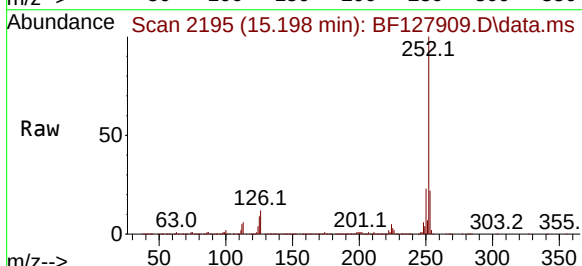
Tgt Ion:252 Resp: 1007423

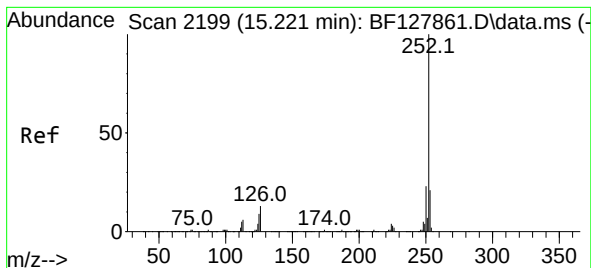
Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.2

125 8.8 7.4 11.2





#89

Benzo(k)fluoranthene

Concen: 45.158 ng

RT: 15.227 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Instrument :

BNA_F

ClientSampleId :

PB144215BSD

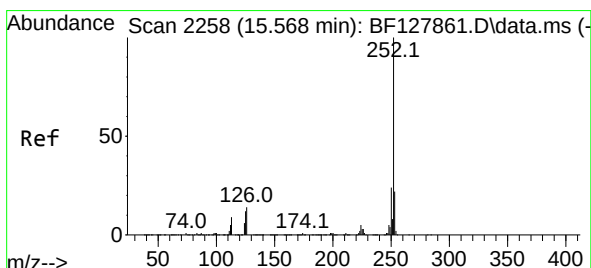
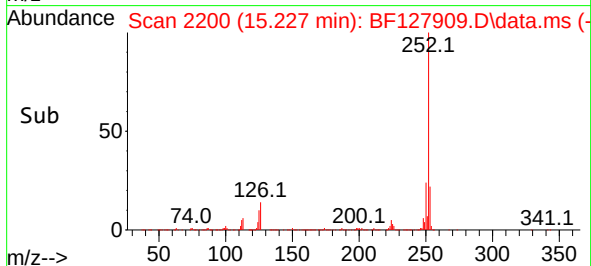
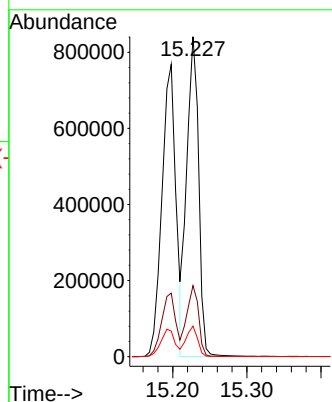
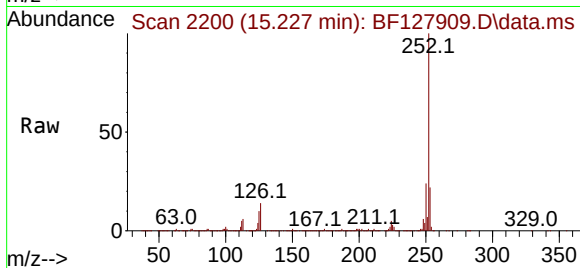
Tgt Ion:252 Resp: 945023

Ion Ratio Lower Upper

252 100

253 22.2 17.0 25.4

125 9.5 6.8 10.2



#90

Benzo(a)pyrene

Concen: 54.326 ng

RT: 15.580 min Scan# 2260

Delta R.T. 0.012 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

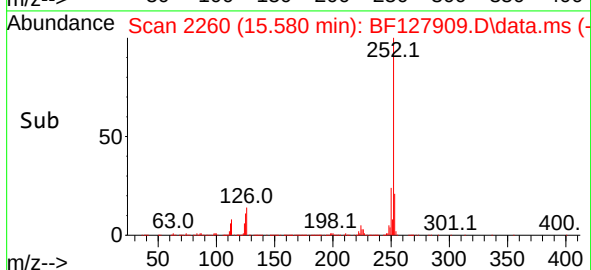
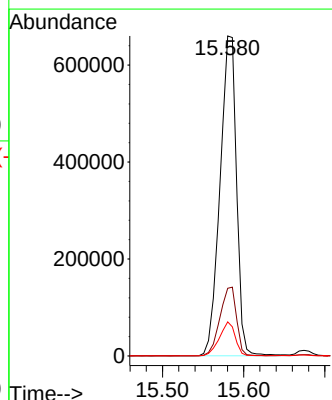
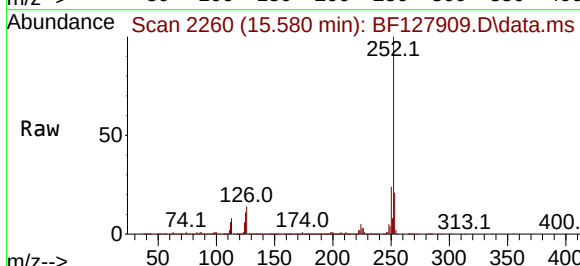
Tgt Ion:252 Resp: 936032

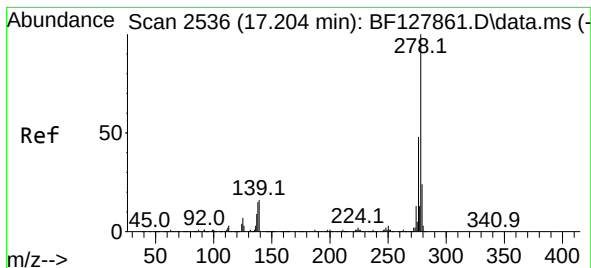
Ion Ratio Lower Upper

252 100

253 21.2 17.8 26.6

125 10.7 9.2 13.8





#91

Dibenzo(a,h)anthracene

Concen: 48.853 ng

RT: 17.221 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Instrument :

BNA_F

ClientSampleId :

PB144215BSD

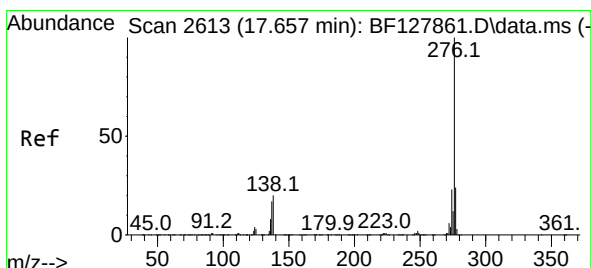
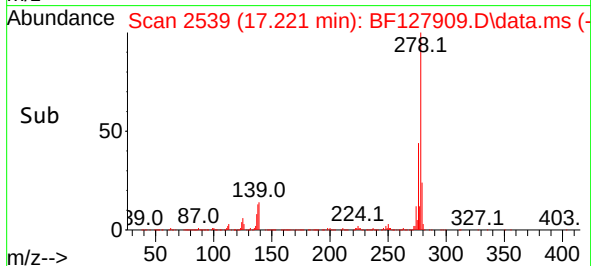
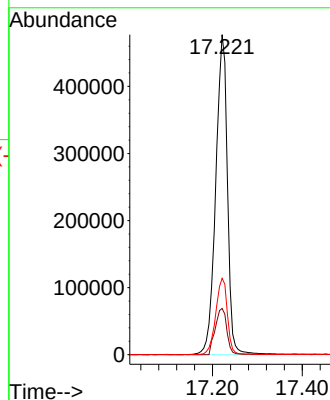
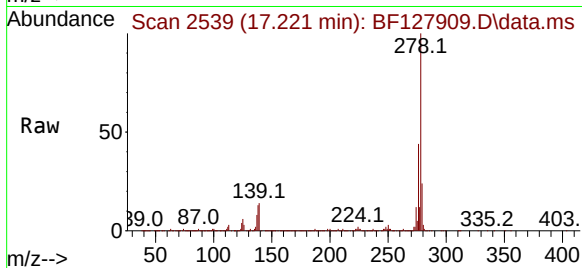
Tgt Ion:278 Resp: 864876

Ion Ratio Lower Upper

278 100

139 14.5 12.6 19.0

279 23.8 18.9 28.3



#92

Benzo(g,h,i)perylene

Concen: 47.227 ng

RT: 17.680 min Scan# 2617

Delta R.T. 0.024 min

Lab File: BF127909.D

Acq: 26 Apr 2022 12:44

Tgt Ion:276 Resp: 881124

Ion Ratio Lower Upper

276 100

277 23.4 18.8 28.2

138 19.9 16.2 24.2

