

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032222\
 Data File : BF127451.D
 Acq On : 22 Mar 2022 14:43
 Operator : CG\JU
 Sample : PB143450BSD
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143450BSD

Quant Time: Mar 23 03:01:04 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 22 02:16:33 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.846	152	97007	20.000	ng	0.00
21) Naphthalene-d8	8.134	136	365179	20.000	ng	0.00
39) Acenaphthene-d10	9.892	164	209292	20.000	ng	0.00
64) Phenanthrene-d10	11.381	188	370045	20.000	ng	0.00
76) Chrysene-d12	14.027	240	247640	20.000	ng	0.00
86) Perylene-d12	15.504	264	183985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	551671	90.776	ng	0.01
7) Phenol-d6	6.487	99	737228	88.746	ng	0.00
23) Nitrobenzene-d5	7.422	82	710560	83.174	ng	0.00
42) 2,4,6-Tribromophenol	10.686	330	182805	81.994	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1166036	81.354	ng	0.00
79) Terphenyl-d14	12.963	244	1326037	87.657	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.693	88	104980	39.330	ng	95
3) Pyridine	3.452	79	230223	30.559	ng	98
4) n-Nitrosodimethylamine	3.428	42	192878	46.630	ng	95
6) Aniline	6.516	93	447134	45.104	ng	99
8) 2-Chlorophenol	6.634	128	298022	47.987	ng	96
9) Benzaldehyde	6.404	77	238394	59.244	ng	98
10) Phenol	6.504	94	423924	46.859	ng	94
11) bis(2-Chloroethyl)ether	6.587	93	321417	48.554	ng	99
12) 1,3-Dichlorobenzene	6.787	146	307952	44.087	ng	99
13) 1,4-Dichlorobenzene	6.863	146	313271	44.586	ng	97
14) 1,2-Dichlorobenzene	7.016	146	301308	44.029	ng	97
15) Benzyl Alcohol	6.998	79	284585	47.139	ng	96
16) 2,2'-oxybis(1-Chloropr...	7.122	45	564232	47.366	ng	96
17) 2-Methylphenol	7.110	107	244580	46.665	ng	95
18) Hexachloroethane	7.357	117	118349	46.009	ng	96
19) n-Nitroso-di-n-propyla...	7.269	70	229029	45.995	ng	98
20) 3+4-Methylphenols	7.263	107	288402	44.613	ng	93
22) Acetophenone	7.263	105	418250	44.805	ng	98
24) Nitrobenzene	7.440	77	366443	44.977	ng	100
25) Isophorone	7.675	82	637719	46.868	ng	99
26) 2-Nitrophenol	7.751	139	154150	45.113	ng	99
27) 2,4-Dimethylphenol	7.787	122	256515	49.906	ng	94
28) bis(2-Chloroethoxy)met...	7.881	93	384162	43.463	ng	99
29) 2,4-Dichlorophenol	7.998	162	261832	44.872	ng	97
30) 1,2,4-Trichlorobenzene	8.075	180	290319	42.697	ng	97
31) Naphthalene	8.157	128	853142	44.004	ng	99
32) Benzoic acid	7.945	122	112820	39.426	ng	97
33) 4-Chloroaniline	8.210	127	266784	35.510	ng	98
34) Hexachlorobutadiene	8.263	225	182807	42.339	ng	99
35) Caprolactam	8.592	113	47631	26.478	ng	100
36) 4-Chloro-3-methylphenol	8.698	107	289533	45.733	ng	99
37) 2-Methylnaphthalene	8.845	142	574029	46.045	ng	99
38) 1-Methylnaphthalene	8.945	142	532236	43.176	ng	98
40) 1,2,4,5-Tetrachloroben...	9.010	216	293690	44.134	ng	98
41) Hexachlorocyclopentadiene	8.992	237	230589	92.791	ng	98
43) 2,4,6-Trichlorophenol	9.128	196	169853	42.226	ng	100

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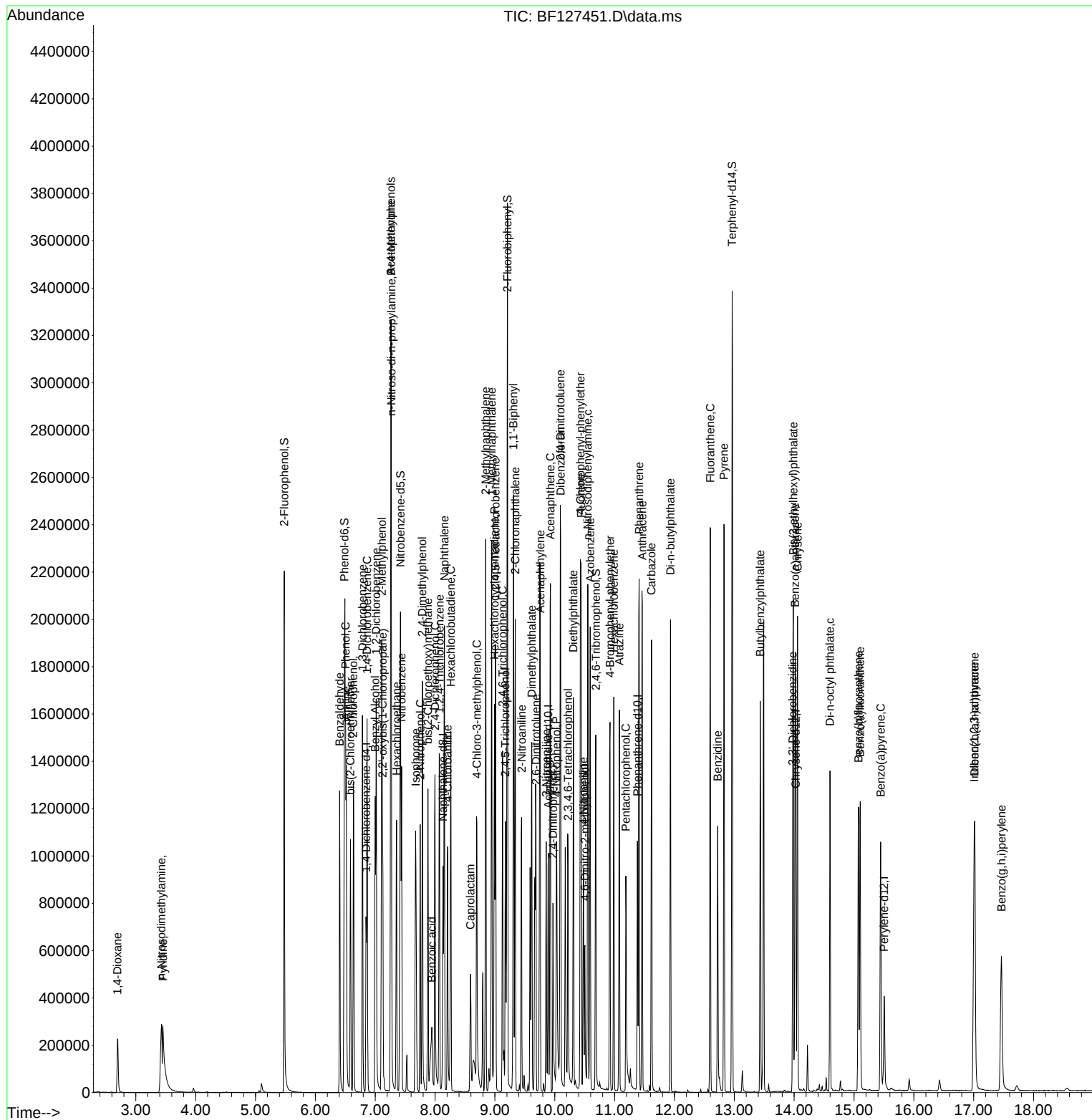
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.175	196	184998	44.678	ng	97
46) 1,1'-Biphenyl	9.310	154	699860	44.275	ng	99
47) 2-Chloronaphthalene	9.339	162	535462	43.017	ng	98
48) 2-Nitroaniline	9.445	65	212499	44.543	ng	94
49) Acenaphthylene	9.757	152	821887	43.675	ng	100
50) Dimethylphthalate	9.616	163	634088	43.550	ng	100
51) 2,6-Dinitrotoluene	9.686	165	140934	46.112	ng	# 84
52) Acenaphthene	9.928	154	484968	44.170	ng	98
53) 3-Nitroaniline	9.857	138	124528	37.143	ng	96
54) 2,4-Dinitrophenol	9.969	184	95179	63.693	ng	93
55) Dibenzofuran	10.098	168	709144	44.743	ng	99
56) 4-Nitrophenol	10.028	139	146021	85.574	ng	98
57) 2,4-Dinitrotoluene	10.092	165	173020	43.981	ng	97
58) Fluorene	10.439	166	573802	45.119	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.222	232	155313	42.424	ng	98
60) Diethylphthalate	10.310	149	562784	42.319	ng	99
61) 4-Chlorophenyl-phenyle...	10.428	204	299216	39.762	ng	98
62) 4-Nitroaniline	10.481	138	128938	41.058	ng	99
63) Azobenzene	10.592	77	665322	42.400	ng	99
65) 4,6-Dinitro-2-methylph...	10.504	198	84229	36.992	ng	89
66) n-Nitrosodiphenylamine	10.551	169	494232	43.876	ng	98
67) 4-Bromophenyl-phenylether	10.922	248	183048	42.369	ng	97
68) Hexachlorobenzene	10.986	284	205935	43.668	ng	96
69) Atrazine	11.081	200	179318	47.818	ng	96
70) Pentachlorophenol	11.186	266	140871	77.590	ng	97
71) Phenanthrene	11.410	178	831465	43.099	ng	99
72) Anthracene	11.463	178	854626	44.640	ng	98
73) Carbazole	11.616	167	753816	41.173	ng	99
74) Di-n-butylphthalate	11.933	149	837928	44.215	ng	99
75) Fluoranthene	12.598	202	921155	43.412	ng	99
77) Benzidine	12.722	184	412272	69.821	ng	98
78) Pyrene	12.827	202	939715	44.216	ng	100
80) Butylbenzylphthalate	13.433	149	325708	46.564	ng	100
81) Benzo(a)anthracene	14.016	228	715266	43.190	ng	98
82) 3,3'-Dichlorobenzidine	13.974	252	195574	40.182	ng	100
83) Chrysene	14.057	228	691897	44.120	ng	99
84) Bis(2-ethylhexyl)phtha...	13.986	149	411979	50.951	ng	98
85) Di-n-octyl phthalate	14.598	149	564230	52.438	ng	100
87) Indeno(1,2,3-cd)pyrene	17.010	276	579064	46.513	ng	99
88) Benzo(b)fluoranthene	15.074	252	547701	47.213	ng	99
89) Benzo(k)fluoranthene	15.104	252	543843	45.222	ng	99
90) Benzo(a)pyrene	15.445	252	526069	55.257	ng	98
91) Dibenzo(a,h)anthracene	17.015	278	501493	48.791	ng	97
92) Benzo(g,h,i)perylene	17.462	276	496810	46.763	ng	99

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

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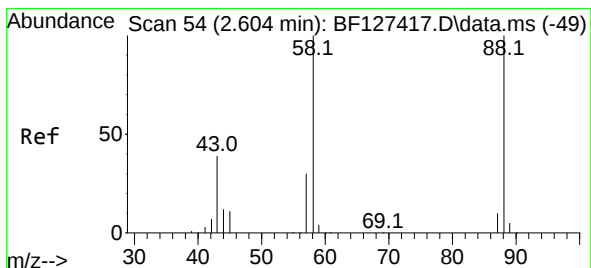
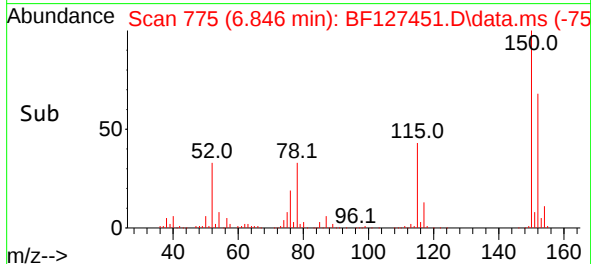
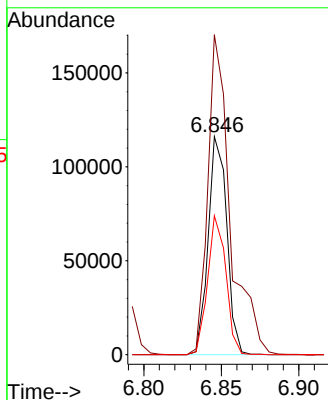
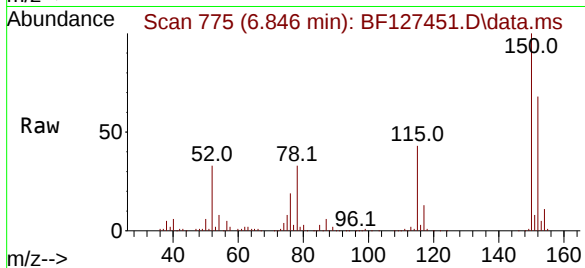




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.846 min Scan# 71
 Delta R.T. -0.005 min
 Lab File: BF127451.D
 Acq: 22 Mar 2022 14:43

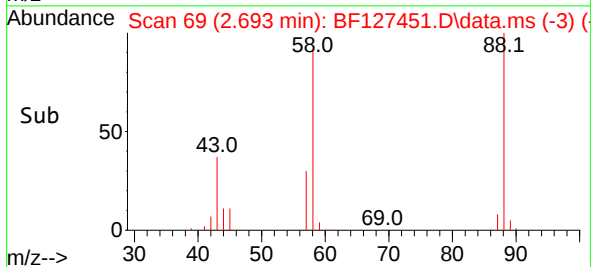
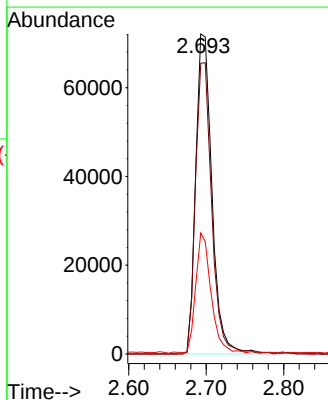
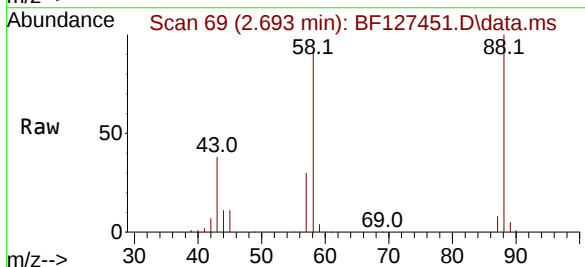
Instrument :
 BNA_F
 ClientSampleId :
 PB143450BSD

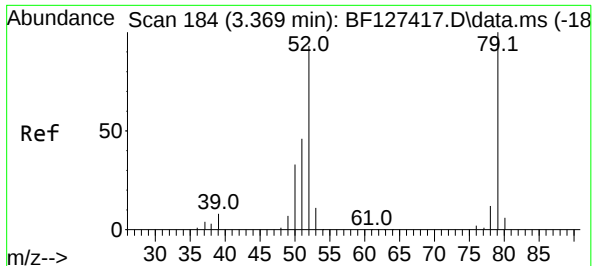
Tgt Ion:152 Resp: 97007
 Ion Ratio Lower Upper
 152 100
 150 146.8 117.2 175.8
 115 63.7 49.8 74.6



#2
 1,4-Dioxane
 Concen: 39.330 ng
 RT: 2.693 min Scan# 69
 Delta R.T. 0.088 min
 Lab File: BF127451.D
 Acq: 22 Mar 2022 14:43

Tgt Ion: 88 Resp: 104980
 Ion Ratio Lower Upper
 88 100
 58 90.9 77.0 115.4
 43 35.7 31.3 46.9

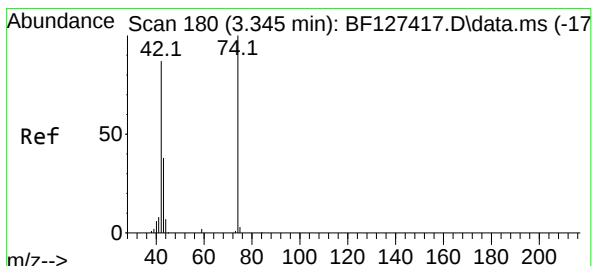
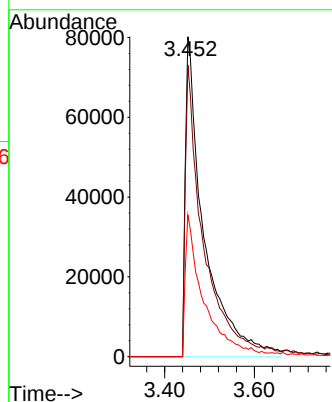
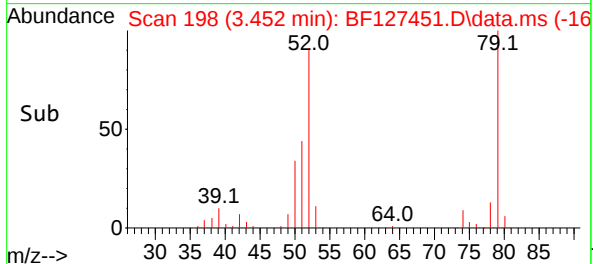
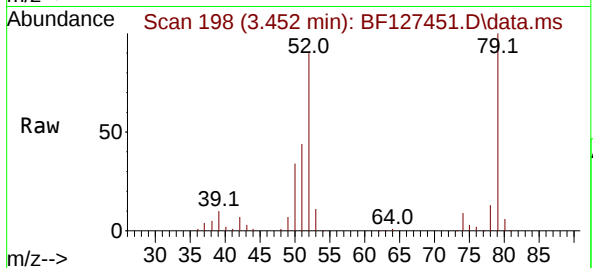




#3
Pyridine
Concen: 30.559 ng
RT: 3.452 min Scan# 198
Delta R.T. 0.083 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

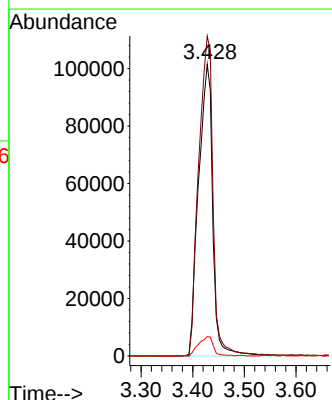
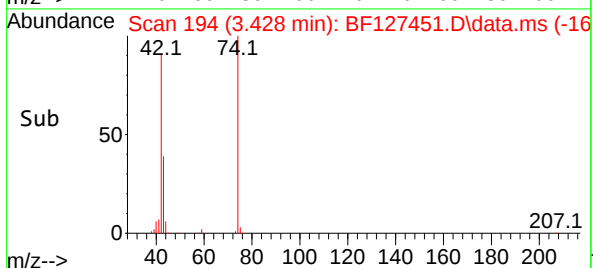
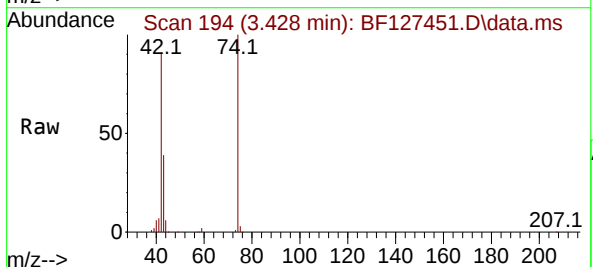
Instrument :
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ClientSampleId :
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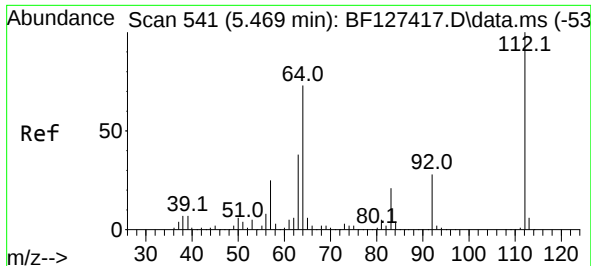
Tgt Ion: 79 Resp: 230223
Ion Ratio Lower Upper
79 100
52 91.2 74.2 111.4
51 44.2 36.7 55.1



#4
n-Nitrosodimethylamine
Concen: 46.630 ng
RT: 3.428 min Scan# 194
Delta R.T. 0.083 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion: 42 Resp: 192878
Ion Ratio Lower Upper
42 100
74 109.7 92.4 138.6
44 6.6 6.0 9.0

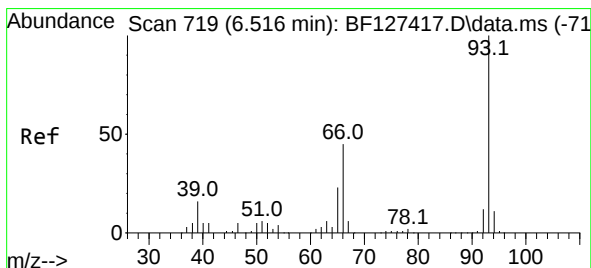
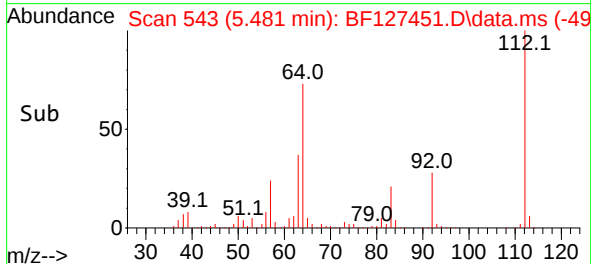
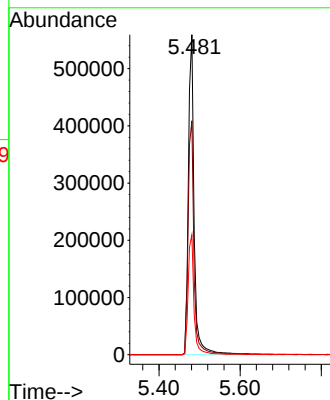
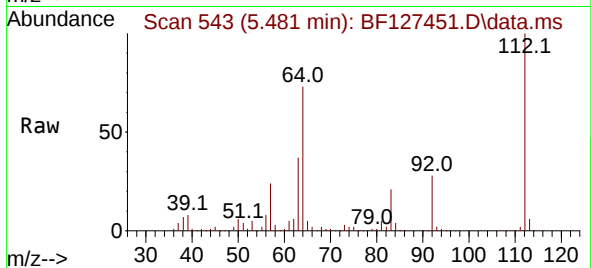




#5
2-Fluorophenol
Concen: 90.776 ng
RT: 5.481 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

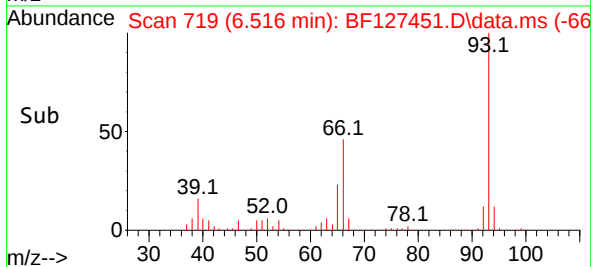
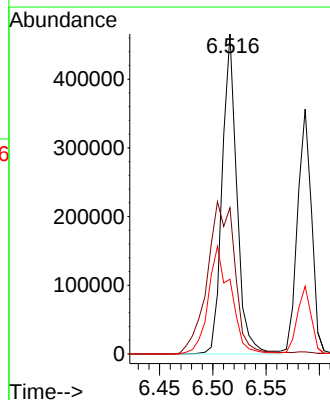
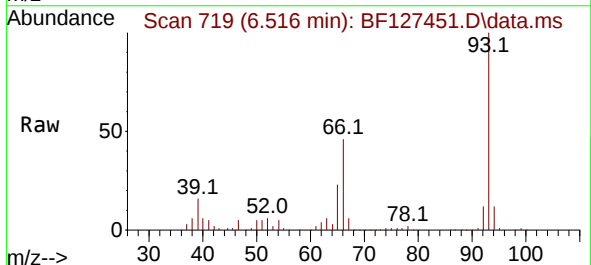
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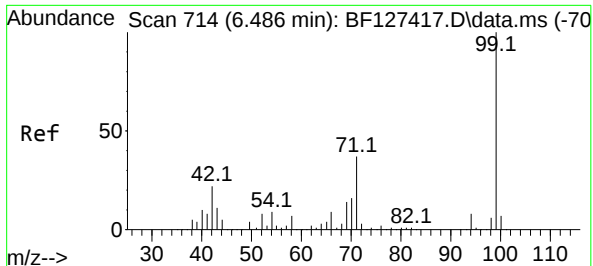
Tgt Ion:112 Resp: 551671
Ion Ratio Lower Upper
112 100
64 73.1 58.4 87.6
63 37.4 30.1 45.1



#6
Aniline
Concen: 45.104 ng
RT: 6.516 min Scan# 719
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

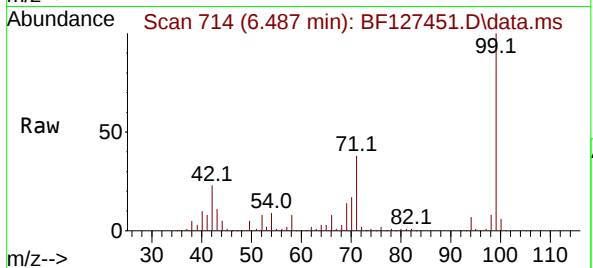
Tgt Ion: 93 Resp: 447134
Ion Ratio Lower Upper
93 100
66 45.7 36.2 54.4
65 23.4 18.4 27.6





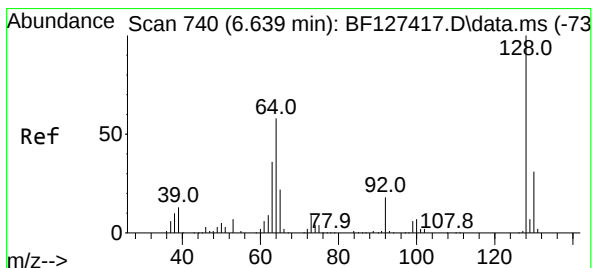
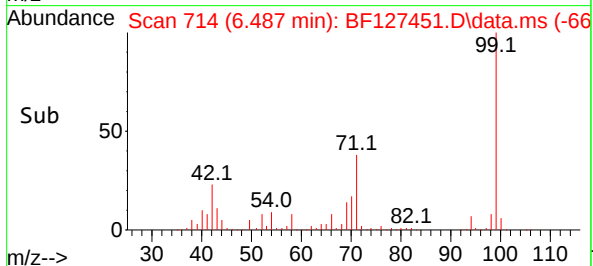
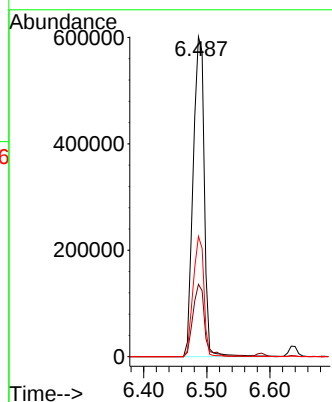
#7
Phenol-d6
Concen: 88.746 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Instrument :
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Tgt Ion: 99 Resp: 737228

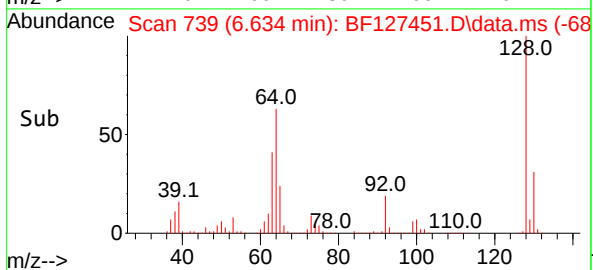
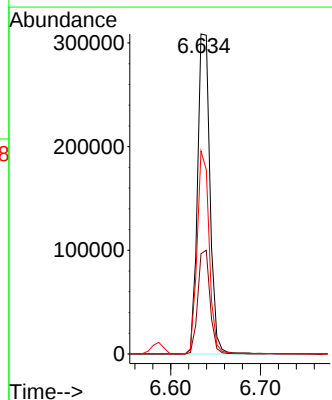
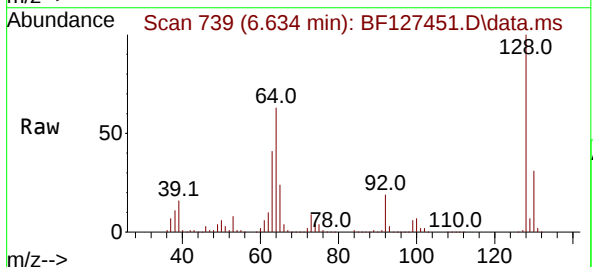
Ion	Ratio	Lower	Upper
99	100		
42	22.6	17.8	26.6
71	37.6	29.6	44.4

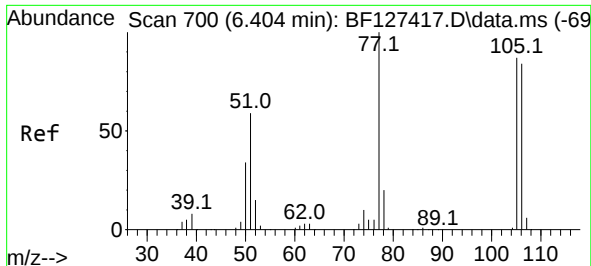


#8
2-Chlorophenol
Concen: 47.987 ng
RT: 6.634 min Scan# 739
Delta R.T. -0.006 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion: 128 Resp: 298022

Ion	Ratio	Lower	Upper
128	100		
130	31.4	11.3	51.3
64	63.4	38.4	78.4





#9

Benzaldehyde

Concen: 59.244 ng

RT: 6.404 min Scan# 700

Delta R.T. 0.000 min

Lab File: BF127451.D

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Instrument :

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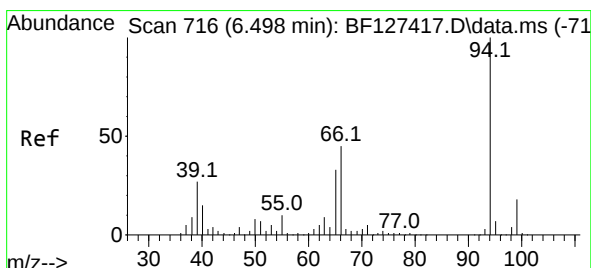
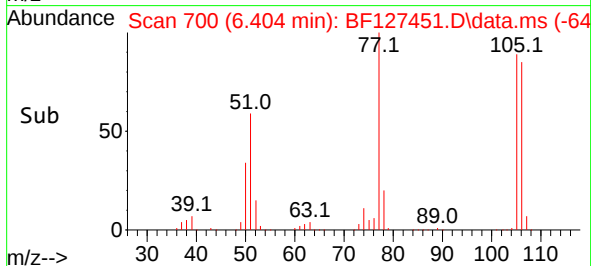
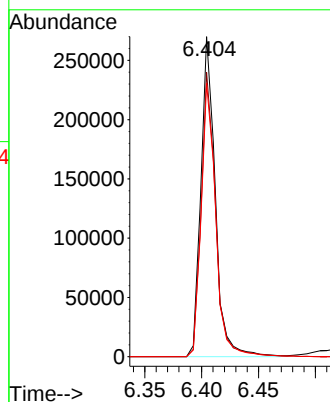
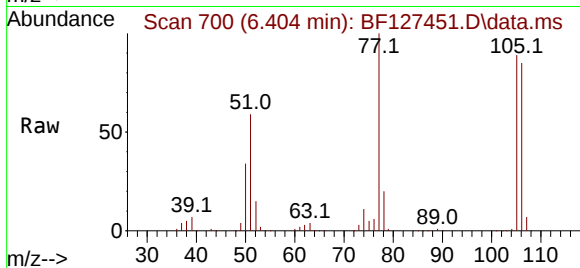
Tgt Ion: 77 Resp: 238394

Ion Ratio Lower Upper

77 100

105 88.9 66.8 106.8

106 85.4 64.3 104.3



#10

Phenol

Concen: 46.859 ng

RT: 6.504 min Scan# 717

Delta R.T. 0.006 min

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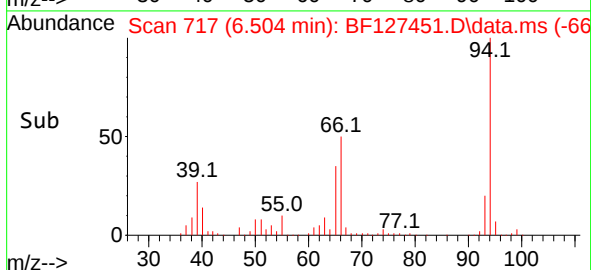
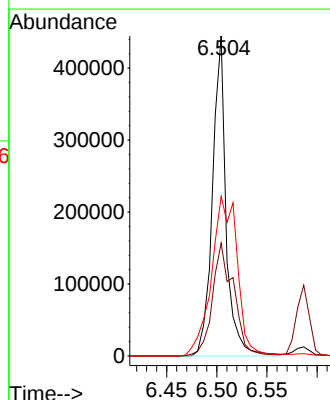
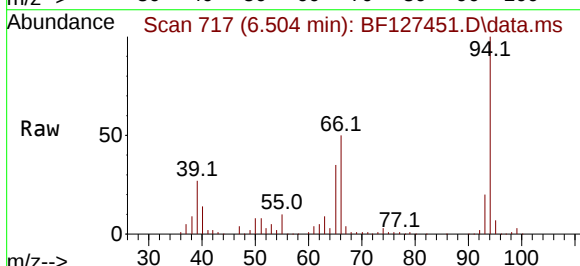
Tgt Ion: 94 Resp: 423924

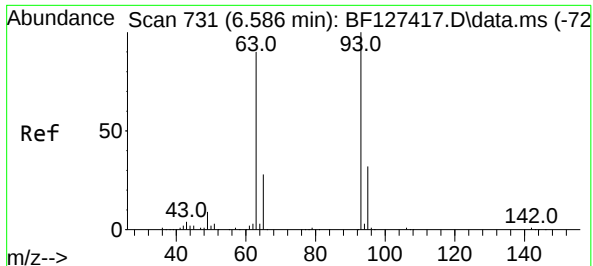
Ion Ratio Lower Upper

94 100

65 35.2 13.1 53.1

66 49.9 24.9 64.9

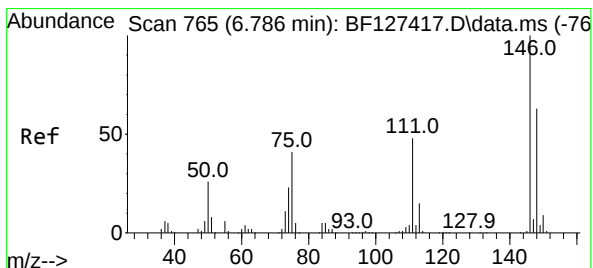
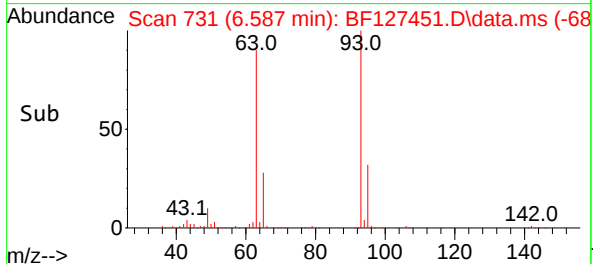
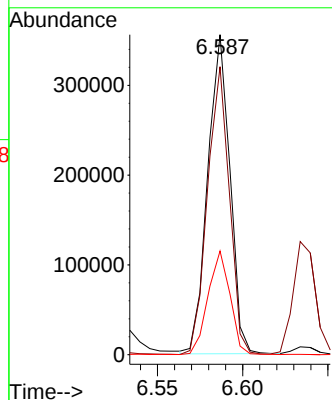
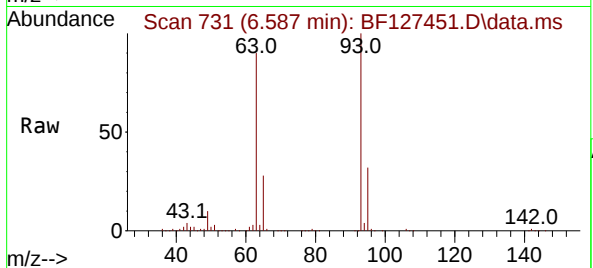




#11
bis(2-Chloroethyl)ether
Concen: 48.554 ng
RT: 6.587 min Scan# 731
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

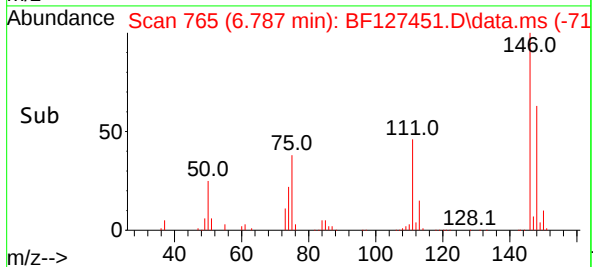
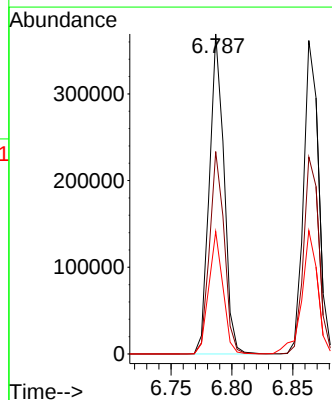
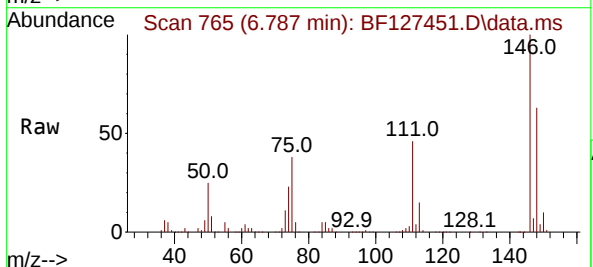
Instrument :
BNA_F
ClientSampleId :
PB143450BSD

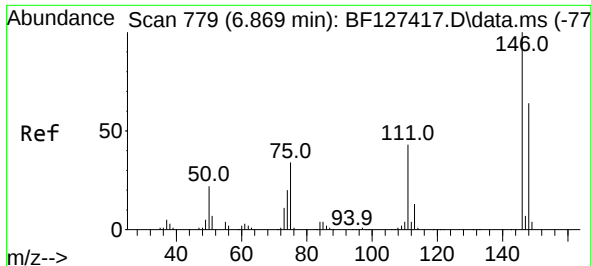
Tgt Ion: 93 Resp: 321417
Ion Ratio Lower Upper
93 100
63 90.0 69.6 109.6
95 32.4 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 44.087 ng
RT: 6.787 min Scan# 765
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion:146 Resp: 307952
Ion Ratio Lower Upper
146 100
148 63.3 50.6 76.0
75 38.3 32.4 48.6





#13

1,4-Dichlorobenzene

Concen: 44.586 ng

RT: 6.863 min Scan# 71

Delta R.T. -0.006 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB143450BSD

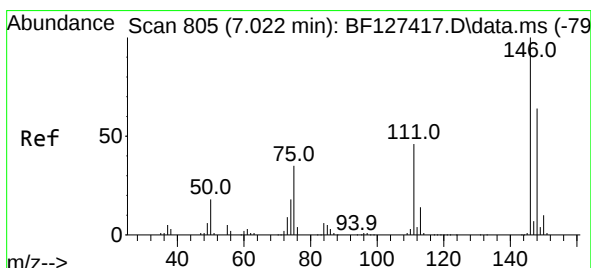
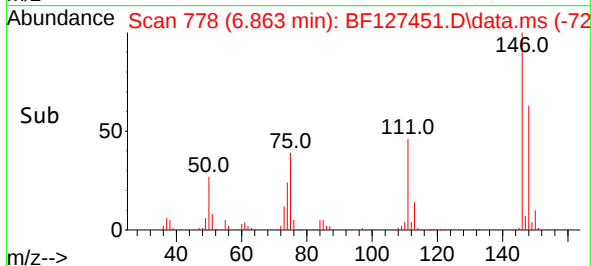
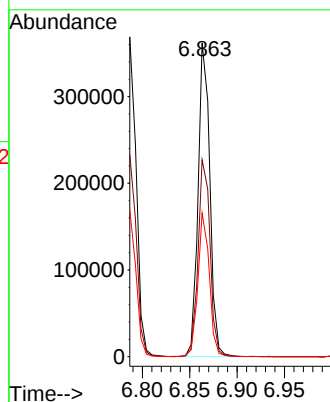
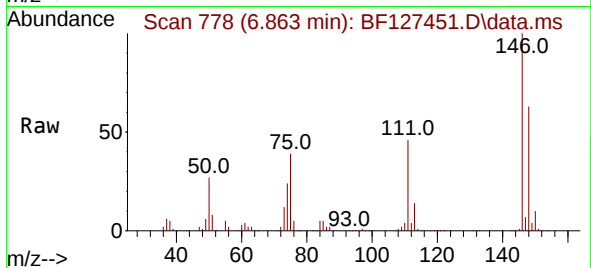
Tgt Ion:146 Resp: 313271

Ion Ratio Lower Upper

146 100

148 62.8 51.3 76.9

111 45.8 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 44.029 ng

RT: 7.016 min Scan# 804

Delta R.T. -0.006 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

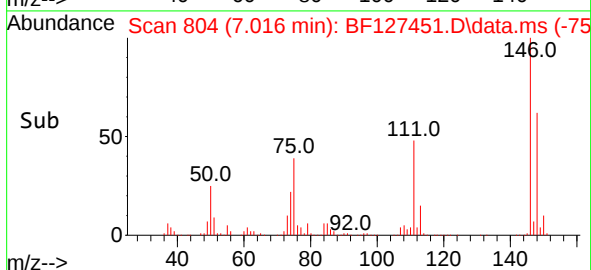
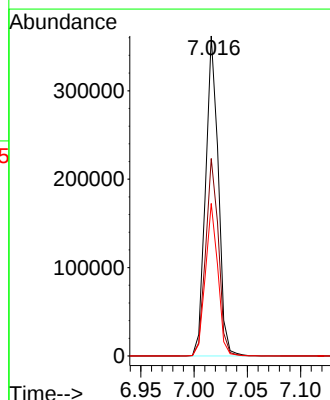
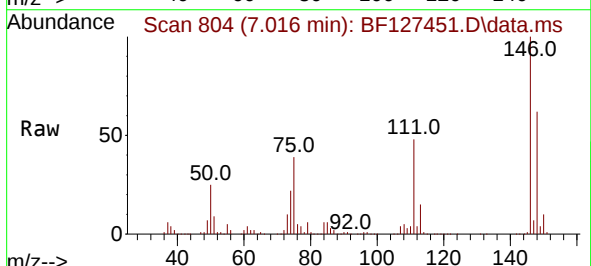
Tgt Ion:146 Resp: 301308

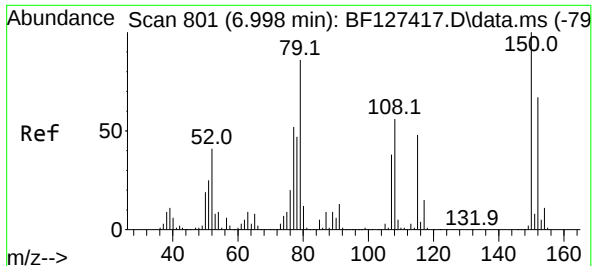
Ion Ratio Lower Upper

146 100

148 61.7 51.4 77.2

111 47.6 36.4 54.6





#15

Benzyl Alcohol

Concen: 47.139 ng

RT: 6.998 min Scan# 801

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB143450BSD

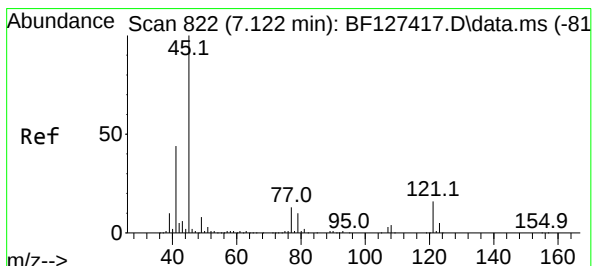
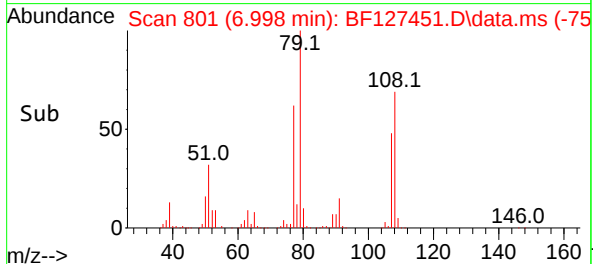
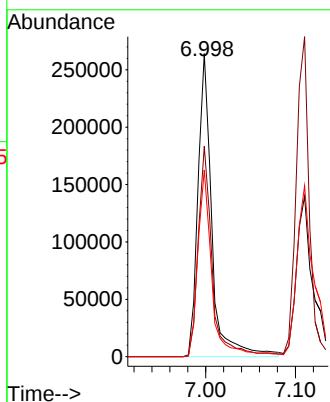
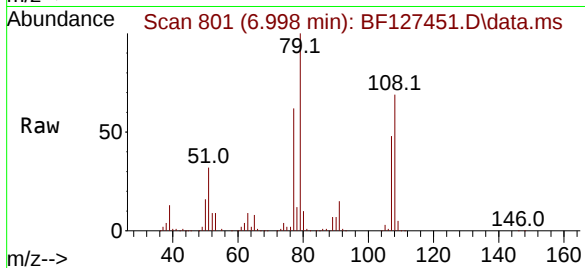
Tgt Ion: 79 Resp: 284585

Ion Ratio Lower Upper

79 100

108 69.4 52.2 78.2

77 61.6 48.3 72.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 47.366 ng

RT: 7.122 min Scan# 822

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

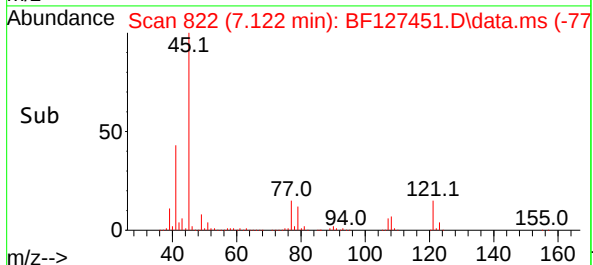
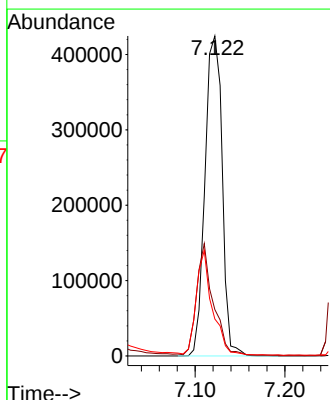
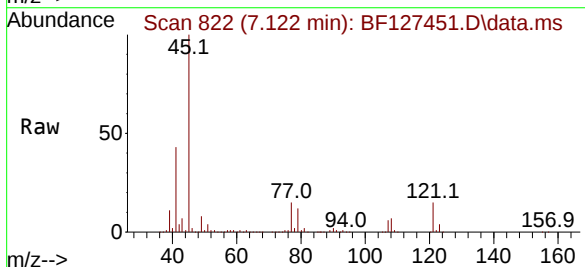
Tgt Ion: 45 Resp: 564232

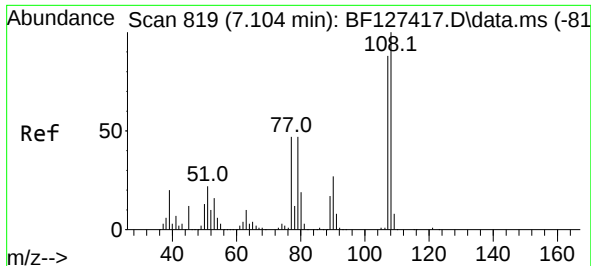
Ion Ratio Lower Upper

45 100

77 14.5 0.0 32.9

79 11.6 0.0 29.9





#17

2-Methylphenol

Concen: 46.665 ng

RT: 7.110 min Scan# 819

Delta R.T. 0.006 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB143450BSD

Tgt Ion:107 Resp: 244580

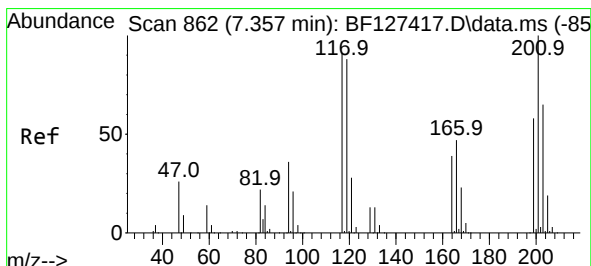
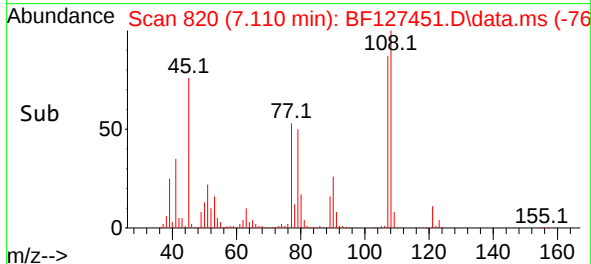
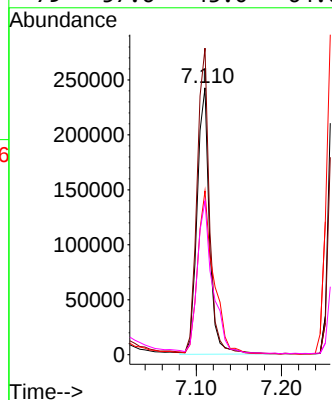
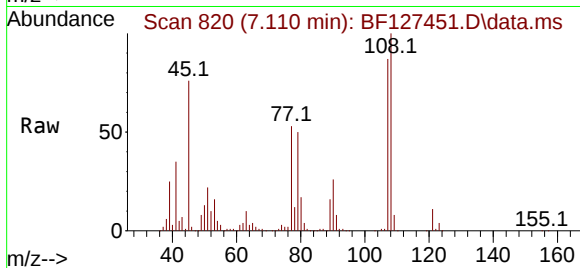
Ion Ratio Lower Upper

107 100

108 114.8 90.7 136.1

77 61.3 42.9 64.3

79 57.6 43.0 64.6



#18

Hexachloroethane

Concen: 46.009 ng

RT: 7.357 min Scan# 862

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

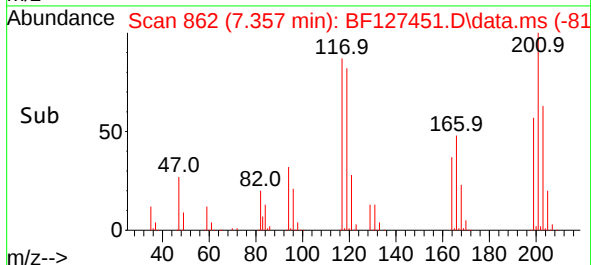
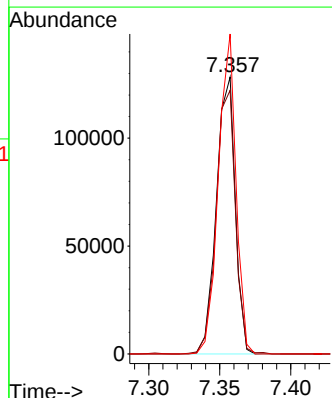
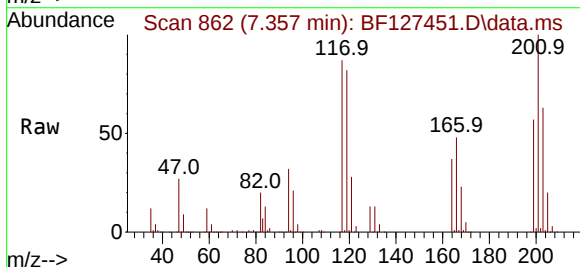
Tgt Ion:117 Resp: 118349

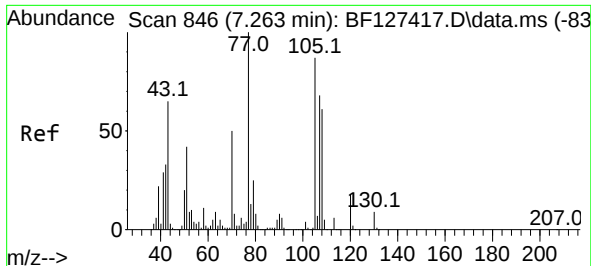
Ion Ratio Lower Upper

117 100

119 95.2 77.6 116.4

201 115.5 88.2 132.2

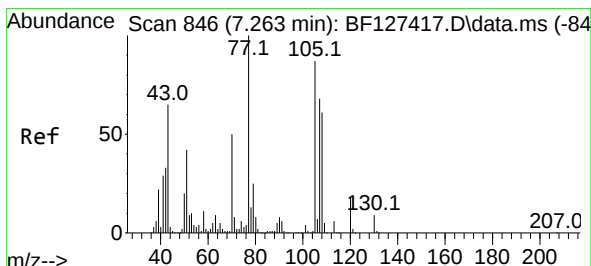
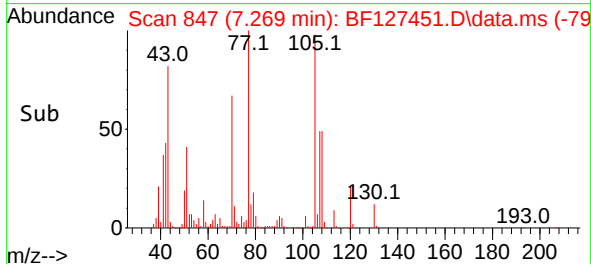
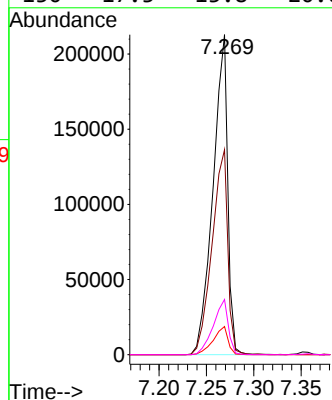
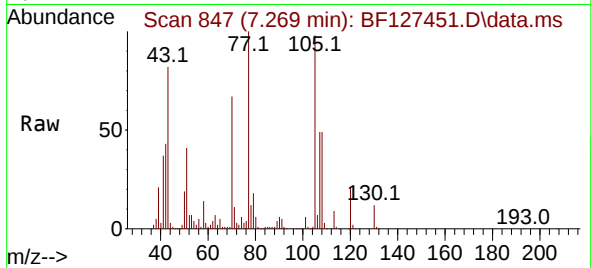




#19
n-Nitroso-di-n-propylamine
Concen: 45.995 ng
RT: 7.269 min Scan# 846
Delta R.T. 0.006 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

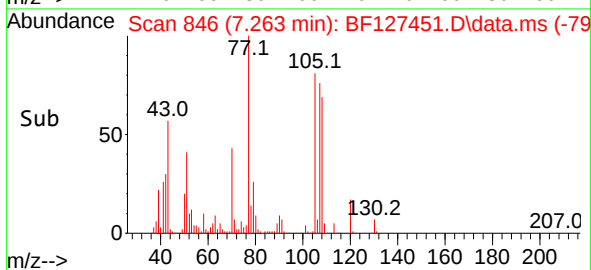
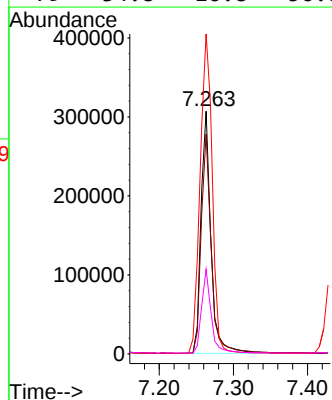
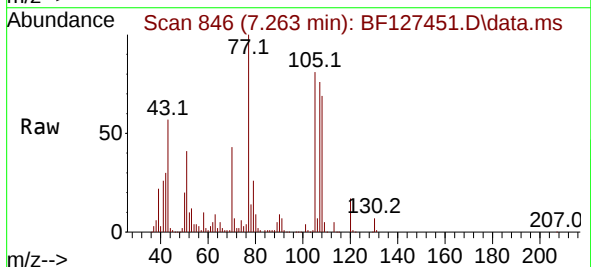
Instrument :
BNA_F
ClientSampleId :
PB143450BSD

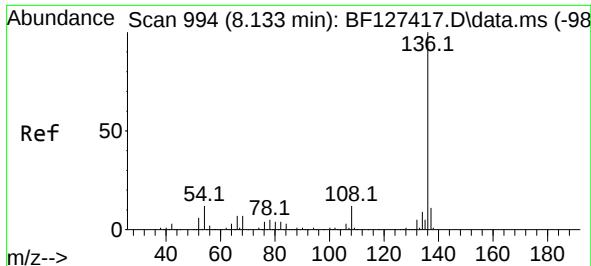
Tgt Ion: 70 Resp: 229029
Ion Ratio Lower Upper
70 100
42 64.1 53.0 79.6
101 8.8 6.8 10.2
130 17.3 13.8 20.6



#20
3+4-Methylphenols
Concen: 44.613 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

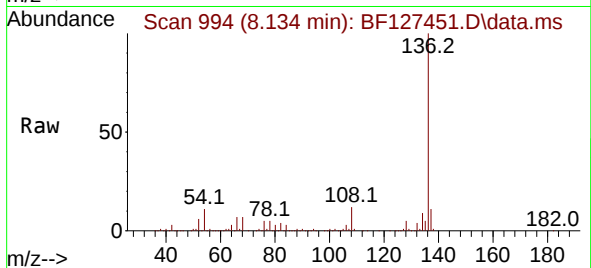
Tgt Ion: 107 Resp: 288402
Ion Ratio Lower Upper
107 100
108 90.6 70.7 110.7
77 131.8 127.9 167.9
79 34.8 16.8 56.8



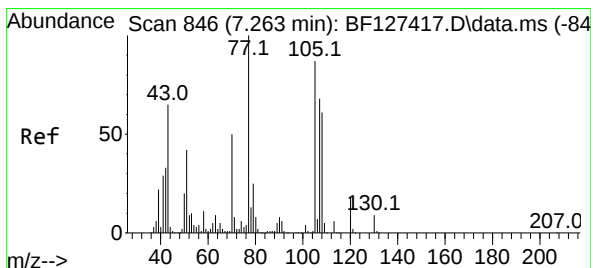
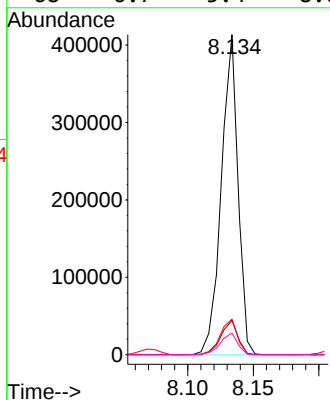
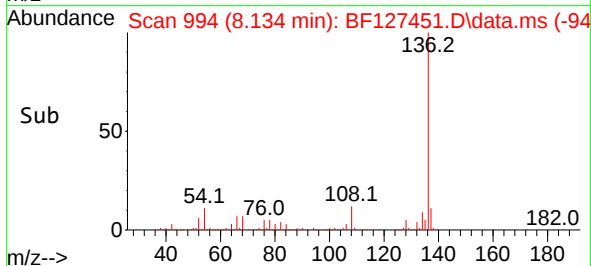


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.134 min Scan# 994
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

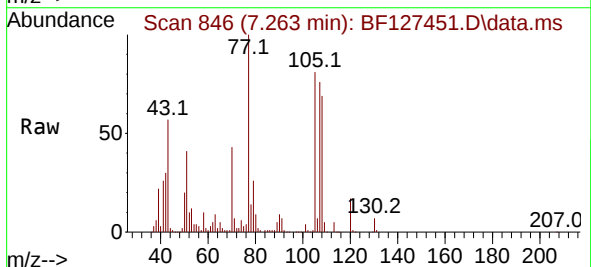
Instrument :
BNA_F
ClientSampleId :
PB143450BSD



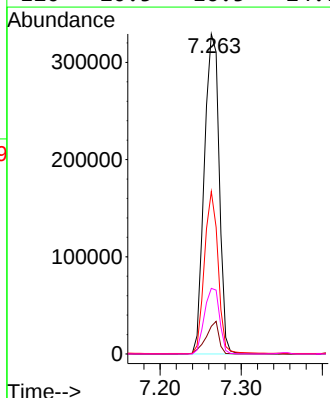
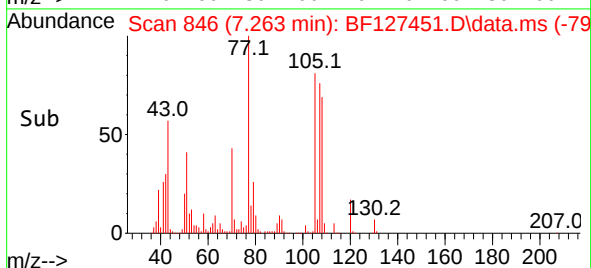
Tgt Ion:	136	Resp:	365179
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.6	13.0
54	11.1	9.2	13.8
68	6.7	5.4	8.0

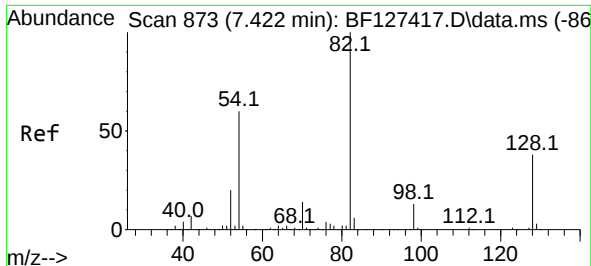


#22
Acetophenone
Concen: 44.805 ng
RT: 7.263 min Scan# 846
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43



Tgt Ion:	105	Resp:	418250
Ion	Ratio	Lower	Upper
105	100		
71	8.7	7.3	10.9
51	50.7	38.8	58.2
120	20.5	16.5	24.7





#23

Nitrobenzene-d5

Concen: 83.174 ng

RT: 7.422 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB143450BSD

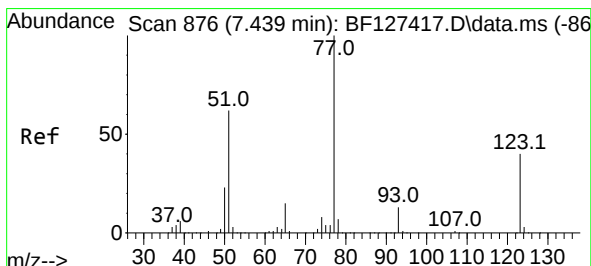
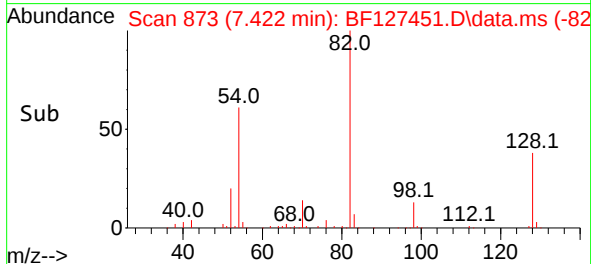
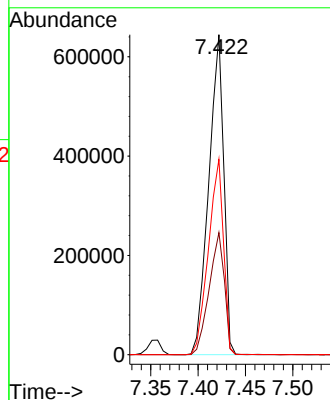
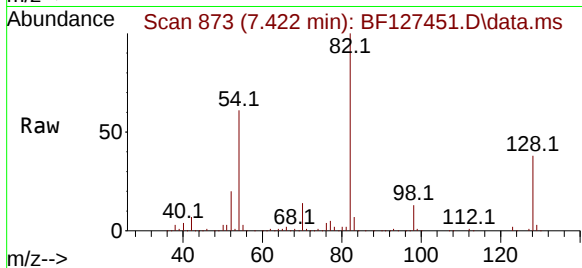
Tgt Ion: 82 Resp: 710560

Ion Ratio Lower Upper

82 100

128 38.1 30.6 45.8

54 61.1 48.2 72.2



#24

Nitrobenzene

Concen: 44.977 ng

RT: 7.440 min Scan# 876

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

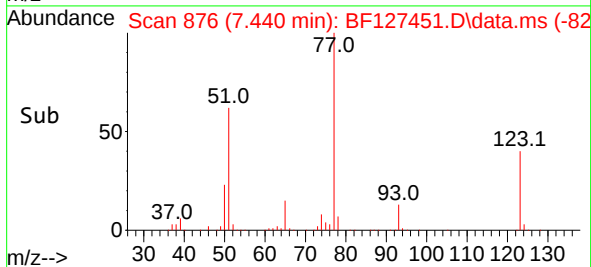
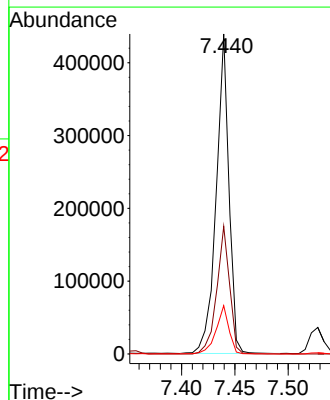
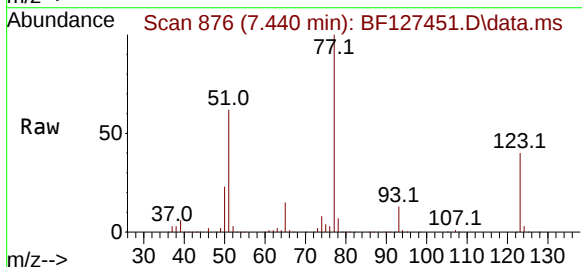
Tgt Ion: 77 Resp: 366443

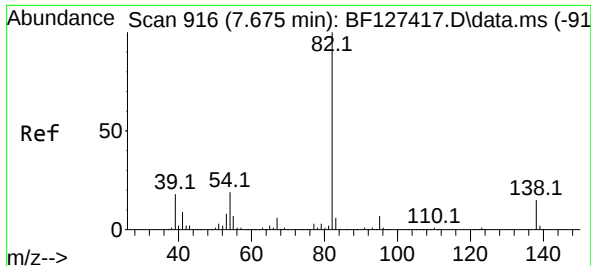
Ion Ratio Lower Upper

77 100

123 39.9 32.0 48.0

65 15.1 12.2 18.2

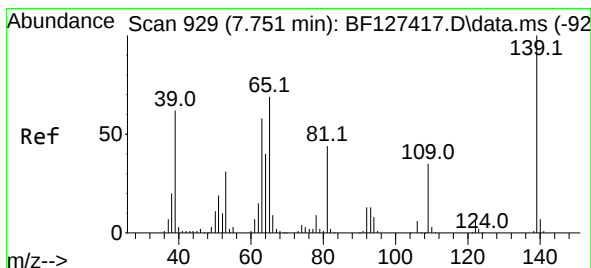
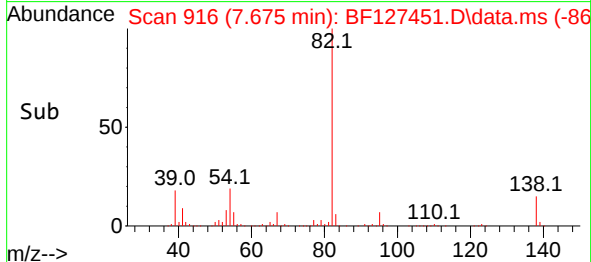
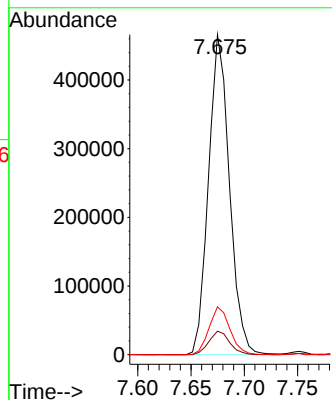
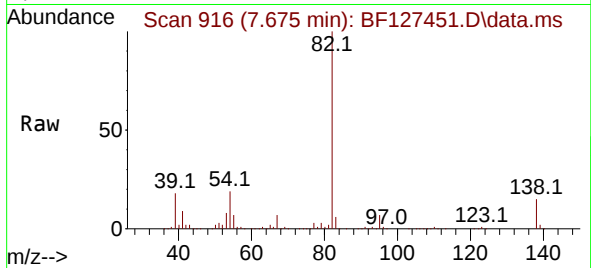




#25
Isophorone
Concen: 46.868 ng
RT: 7.675 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

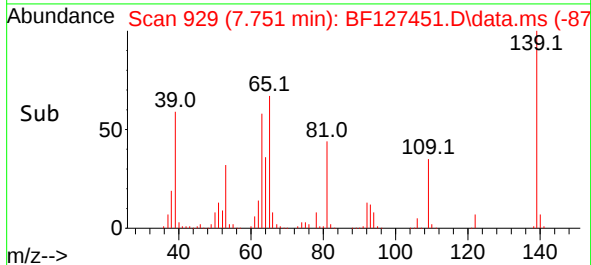
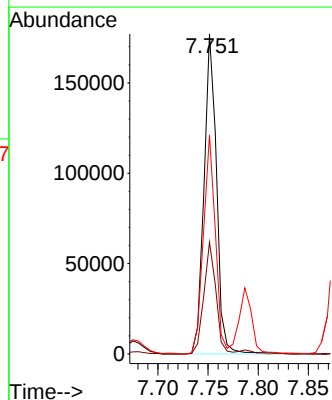
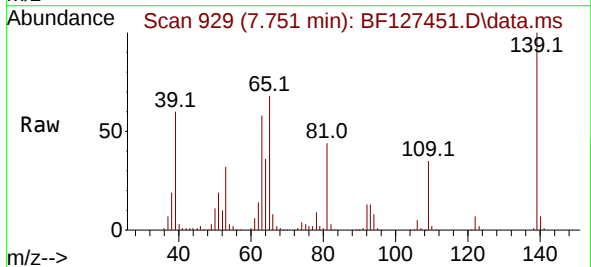
Instrument :
BNA_F
ClientSampleId :
PB143450BSD

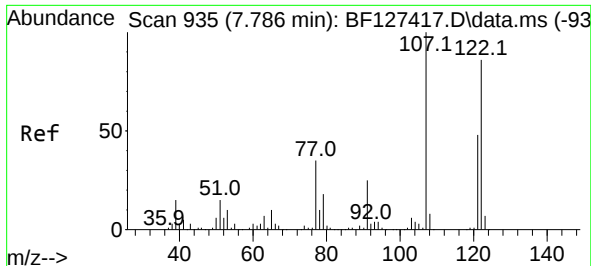
Tgt Ion: 82 Resp: 637719
Ion Ratio Lower Upper
82 100
95 7.4 5.8 8.8
138 14.9 11.6 17.4



#26
2-Nitrophenol
Concen: 45.113 ng
RT: 7.751 min Scan# 929
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion: 139 Resp: 154150
Ion Ratio Lower Upper
139 100
109 35.0 28.2 42.2
65 68.4 55.3 82.9





#27

2,4-Dimethylphenol

Concen: 49.906 ng

RT: 7.787 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB143450BSD

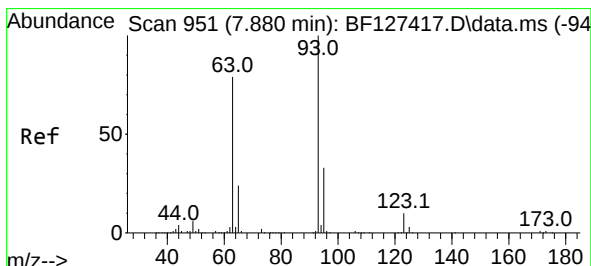
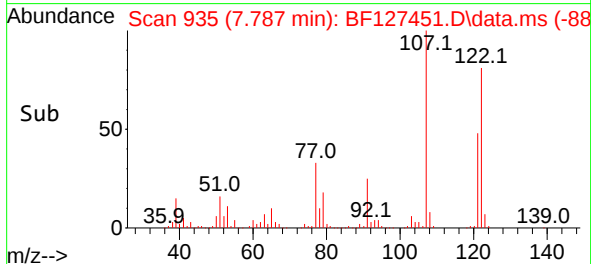
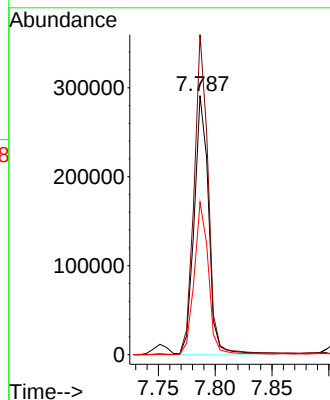
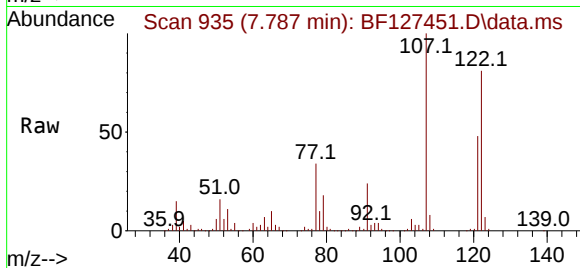
Tgt Ion:122 Resp: 256515

Ion Ratio Lower Upper

122 100

107 123.5 93.0 139.4

121 58.8 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 43.463 ng

RT: 7.881 min Scan# 951

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

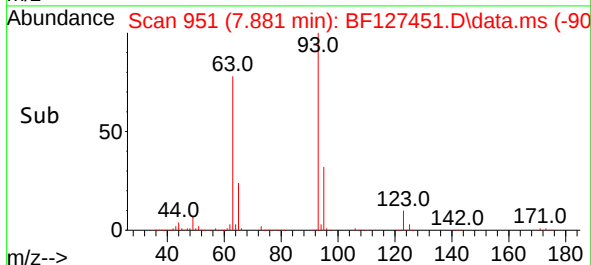
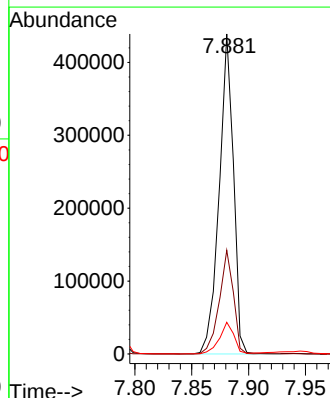
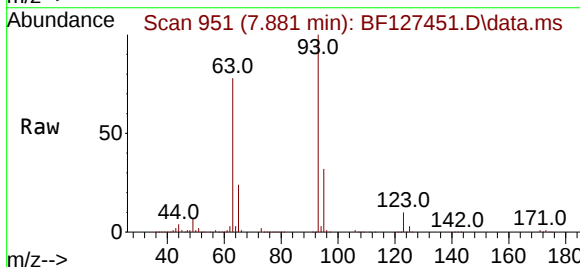
Tgt Ion: 93 Resp: 384162

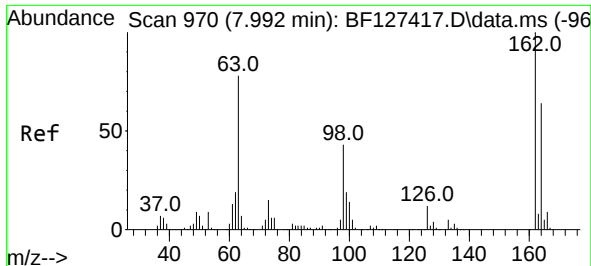
Ion Ratio Lower Upper

93 100

95 32.4 26.3 39.5

123 9.9 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 44.872 ng

RT: 7.998 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB143450BSD

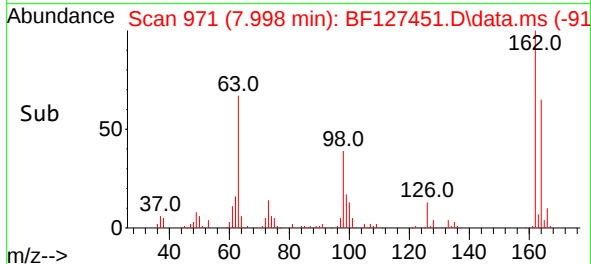
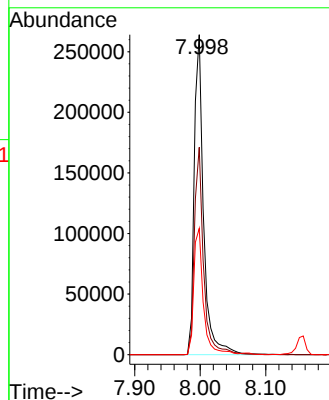
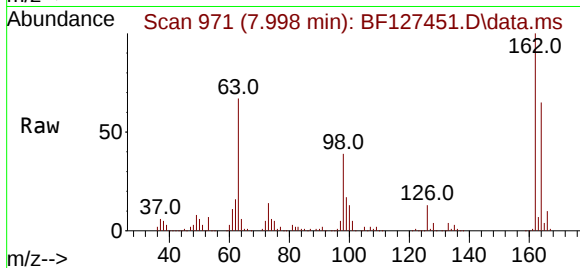
Tgt Ion:162 Resp: 261832

Ion Ratio Lower Upper

162 100

164 64.8 43.7 83.7

98 39.4 23.5 63.5



#30

1,2,4-Trichlorobenzene

Concen: 42.697 ng

RT: 8.075 min Scan# 984

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

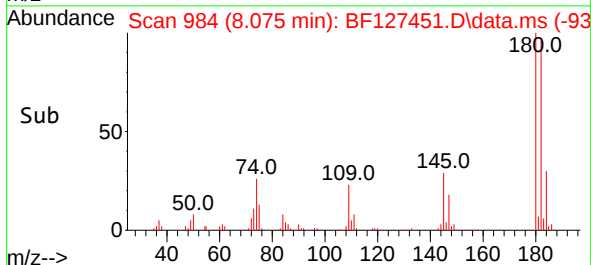
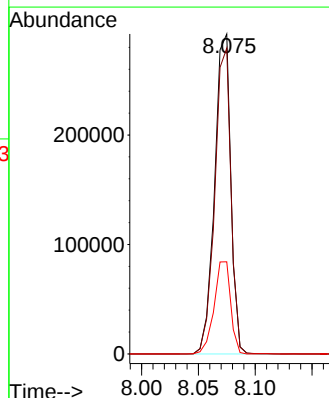
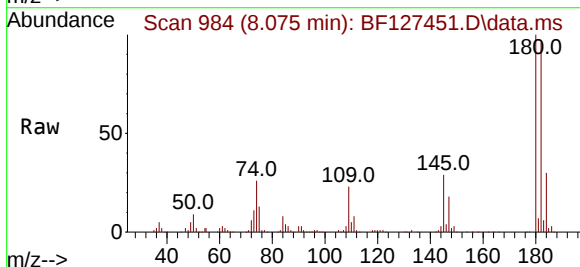
Tgt Ion:180 Resp: 290319

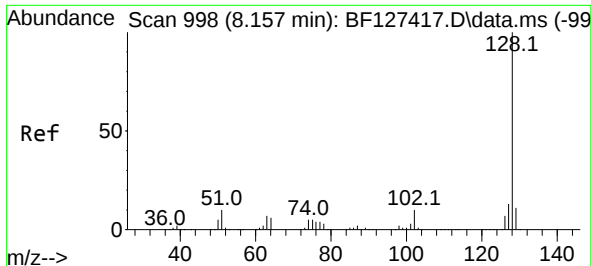
Ion Ratio Lower Upper

180 100

182 95.6 73.8 110.6

145 28.8 23.3 34.9

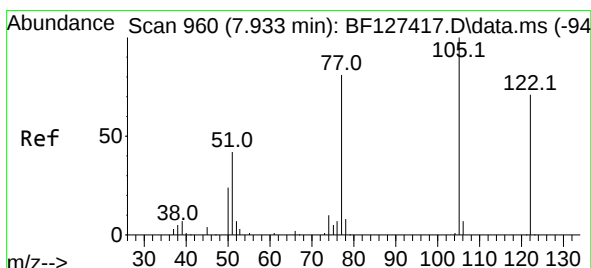
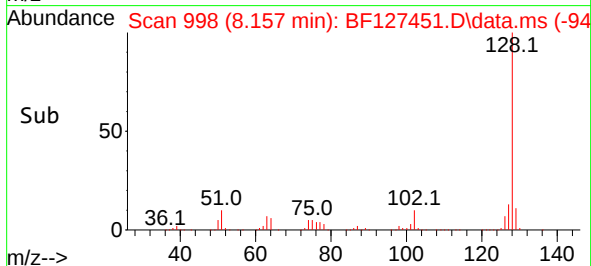
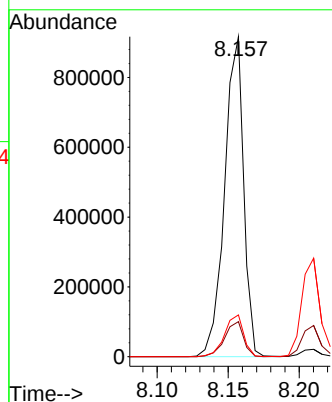
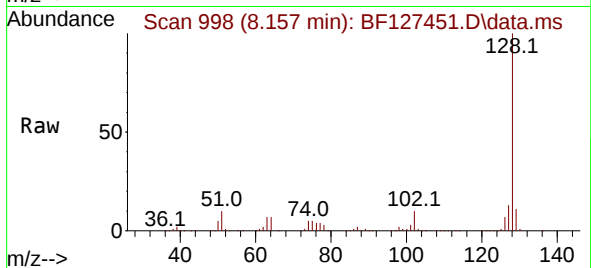




#31
Naphthalene
Concen: 44.004 ng
RT: 8.157 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

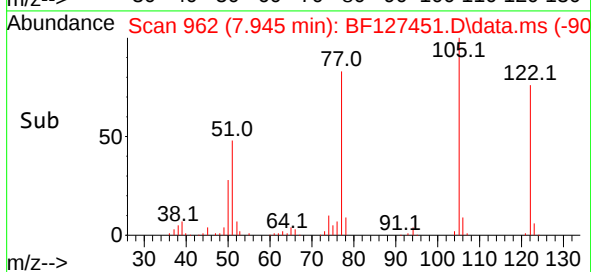
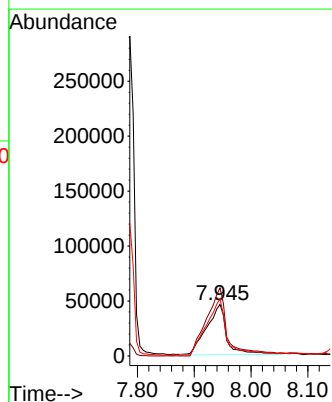
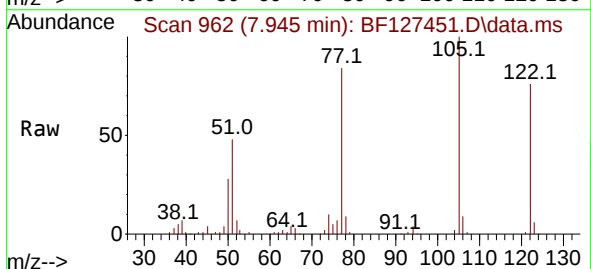
Instrument :
BNA_F
ClientSampleId :
PB143450BSD

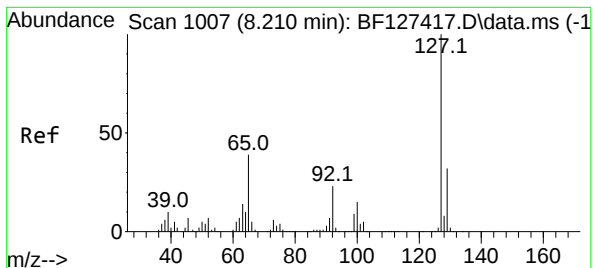
Tgt Ion:128 Resp: 853142
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.1 10.2 15.2



#32
Benzoic acid
Concen: 39.426 ng
RT: 7.945 min Scan# 962
Delta R.T. 0.012 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion:122 Resp: 112820
Ion Ratio Lower Upper
122 100
105 132.2 117.1 157.1
77 111.1 93.0 133.0





#33

4-Chloroaniline

Concen: 35.510 ng

RT: 8.210 min Scan# 1007

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB143450BSD

Tgt Ion:127 Resp: 266784

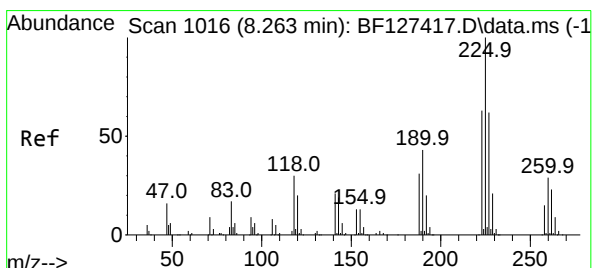
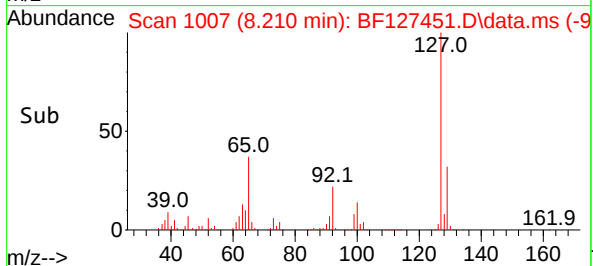
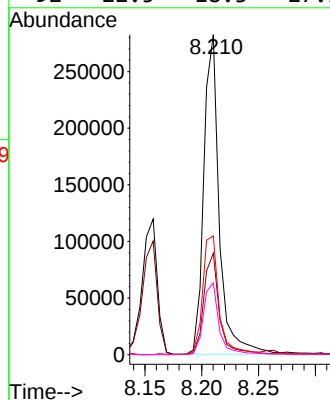
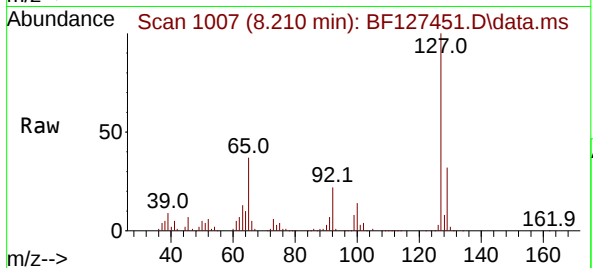
Ion Ratio Lower Upper

127 100

129 31.7 25.9 38.9

65 37.1 31.4 47.0

92 22.5 18.3 27.5



#34

Hexachlorobutadiene

Concen: 42.339 ng

RT: 8.263 min Scan# 1016

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

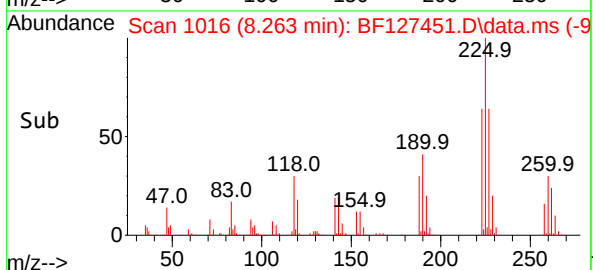
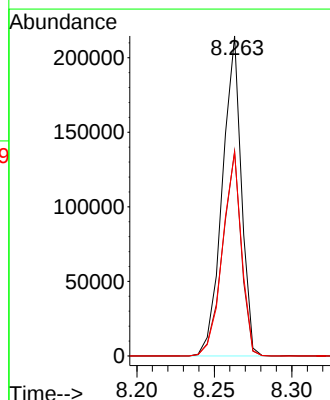
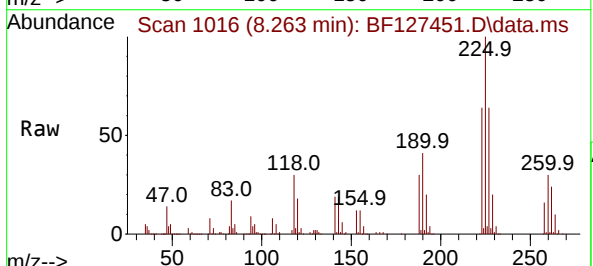
Tgt Ion:225 Resp: 182807

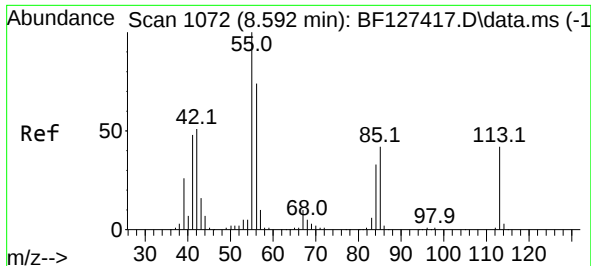
Ion Ratio Lower Upper

225 100

223 64.0 50.6 76.0

227 63.6 49.6 74.4

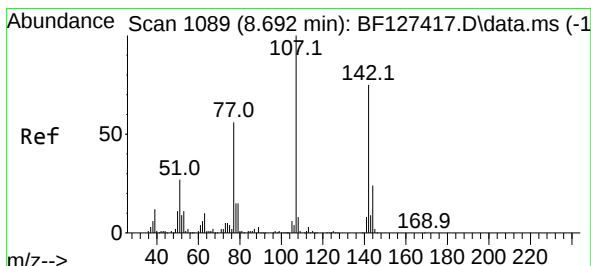
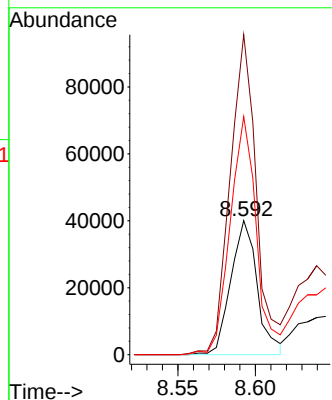
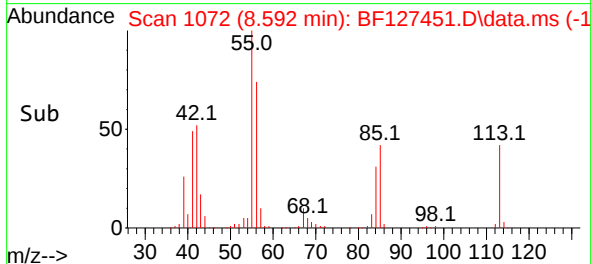
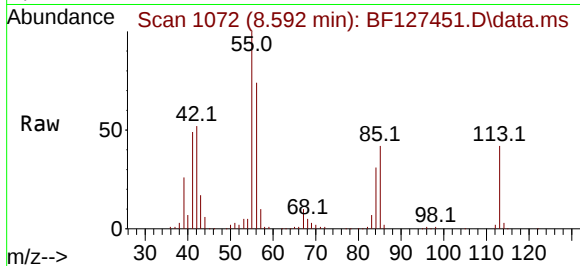




#35
 Caprolactam
 Concen: 26.478 ng
 RT: 8.592 min Scan# 1072
 Delta R.T. 0.000 min
 Lab File: BF127451.D
 Acq: 22 Mar 2022 14:43

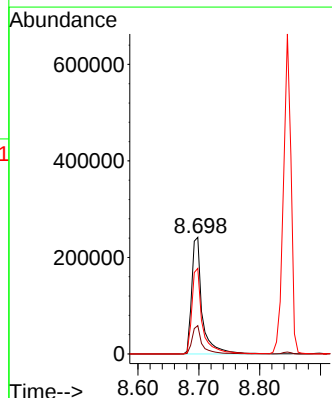
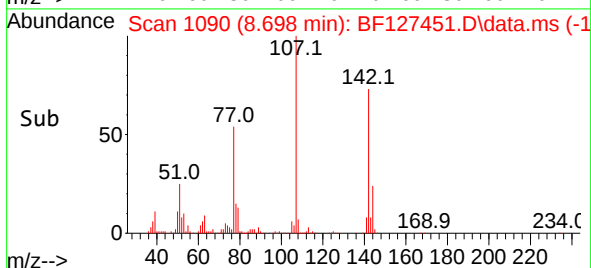
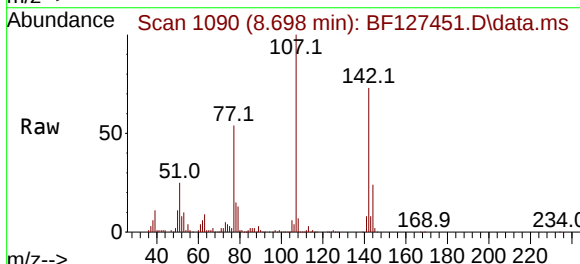
Instrument :
 BNA_F
 ClientSampleId :
 PB143450BSD

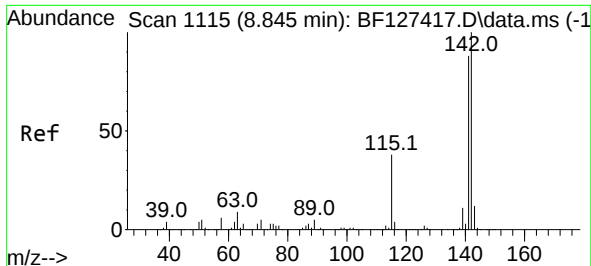
Tgt Ion:113 Resp: 47631
 Ion Ratio Lower Upper
 113 100
 55 238.7 218.7 258.7
 56 177.6 156.2 196.2



#36
 4-Chloro-3-methylphenol
 Concen: 45.733 ng
 RT: 8.698 min Scan# 1090
 Delta R.T. 0.006 min
 Lab File: BF127451.D
 Acq: 22 Mar 2022 14:43

Tgt Ion:107 Resp: 289533
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.3 28.9
 142 73.4 59.8 89.8

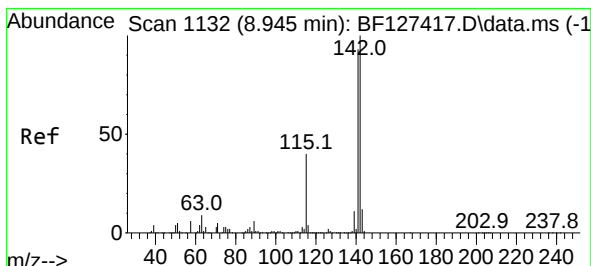
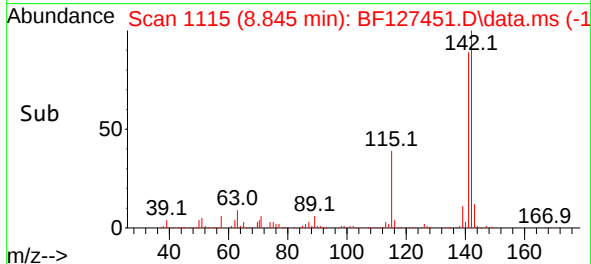
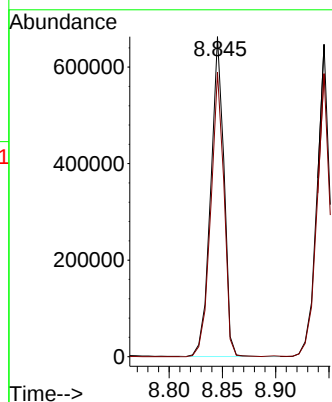
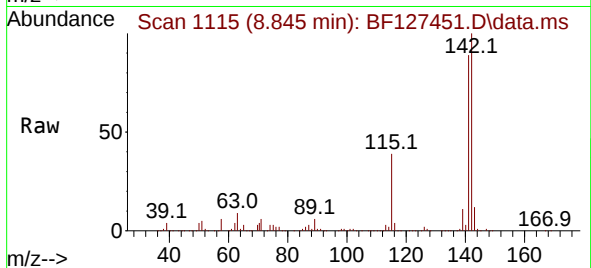




#37
2-Methylnaphthalene
Concen: 46.045 ng
RT: 8.845 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

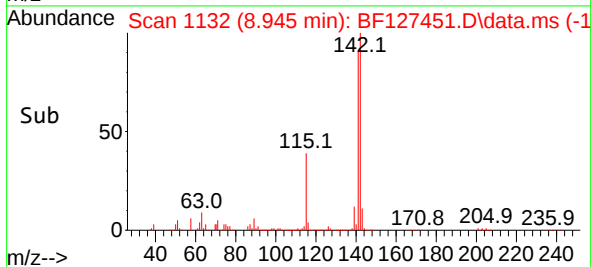
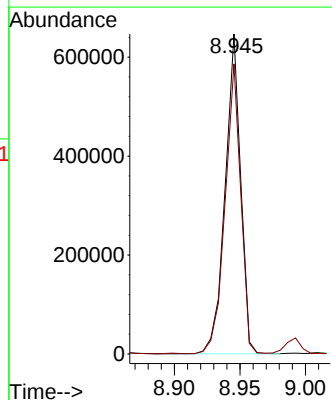
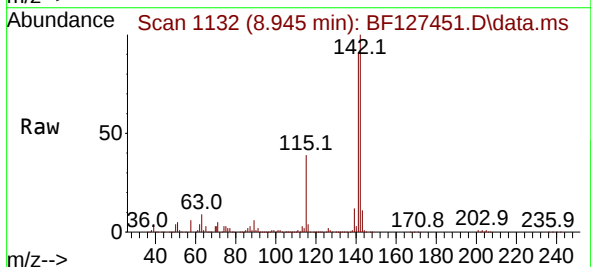
Instrument :
BNA_F
ClientSampleId :
PB143450BSD

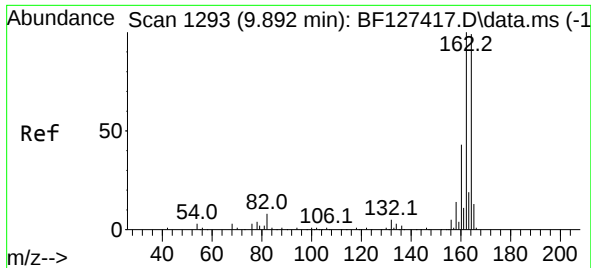
Tgt Ion:142 Resp: 574029
Ion Ratio Lower Upper
142 100
141 88.8 70.6 106.0



#38
1-Methylnaphthalene
Concen: 43.176 ng
RT: 8.945 min Scan# 1132
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion:142 Resp: 532236
Ion Ratio Lower Upper
142 100
141 90.7 74.2 111.2

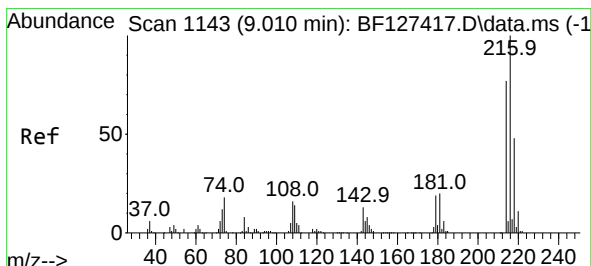
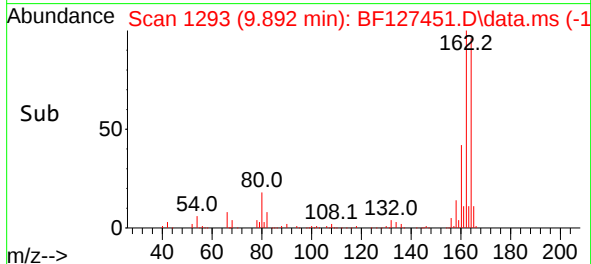
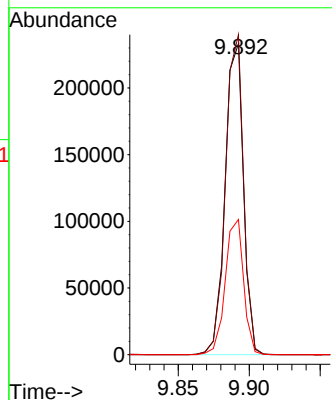
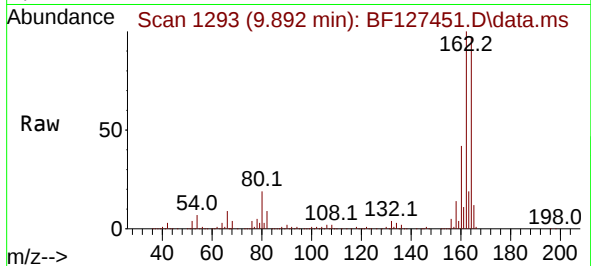




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.892 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

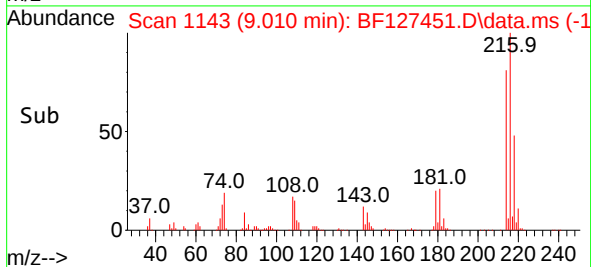
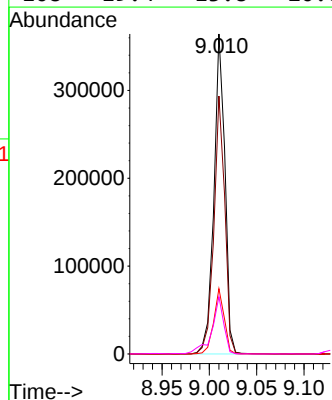
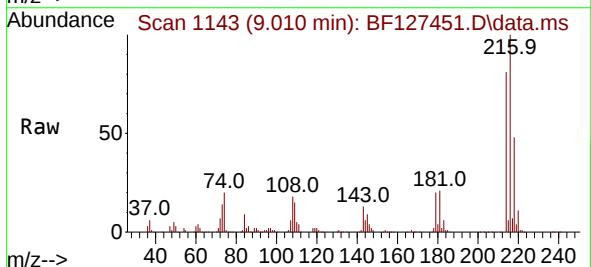
Instrument :
BNA_F
ClientSampleId :
PB143450BSD

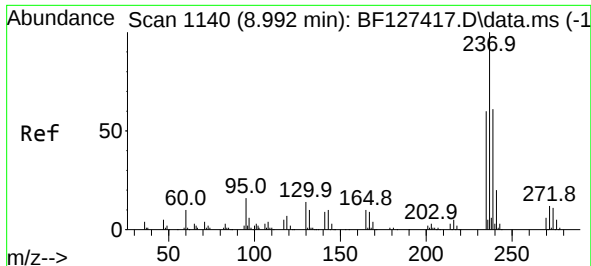
Tgt Ion:164 Resp: 209292
Ion Ratio Lower Upper
164 100
162 102.9 81.2 121.8
160 43.5 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 44.134 ng
RT: 9.010 min Scan# 1143
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion:216 Resp: 293690
Ion Ratio Lower Upper
216 100
214 79.8 63.0 94.4
179 19.6 15.5 23.3
108 19.4 13.8 20.6

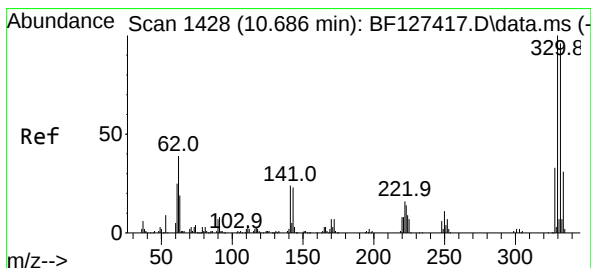
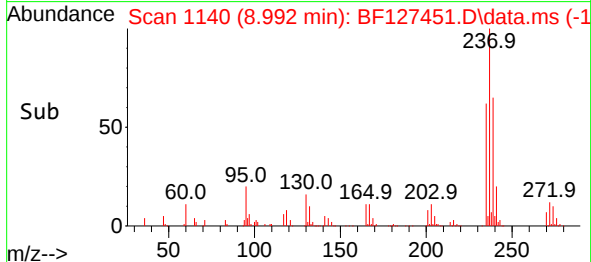
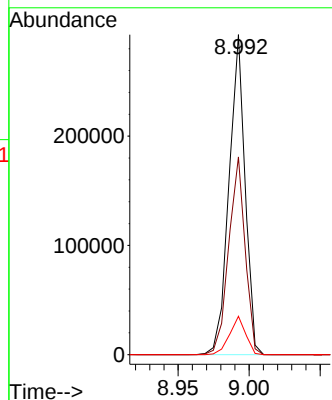
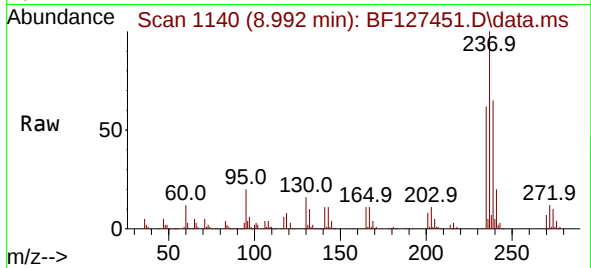




#41
Hexachlorocyclopentadiene
Concen: 92.791 ng
RT: 8.992 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

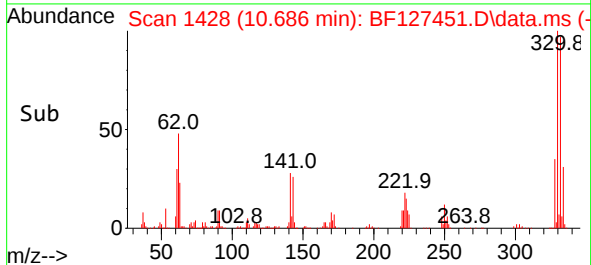
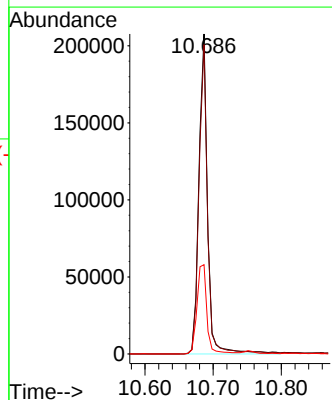
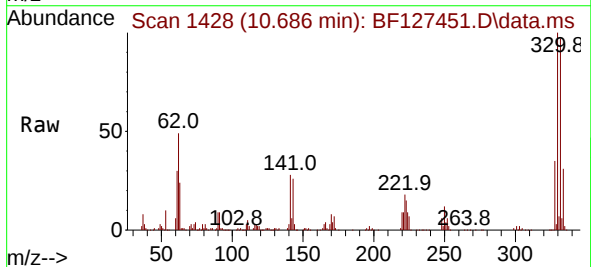
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BNA_F
ClientSampleId :
PB143450BSD

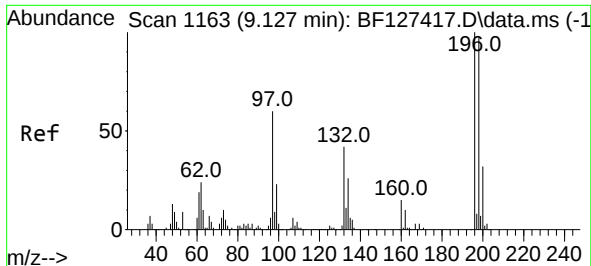
Tgt Ion:237 Resp: 230589
Ion Ratio Lower Upper
237 100
235 61.8 40.4 80.4
272 12.0 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 81.994 ng
RT: 10.686 min Scan# 1428
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion:330 Resp: 182805
Ion Ratio Lower Upper
330 100
332 95.2 79.1 118.7
141 31.7 26.2 39.4

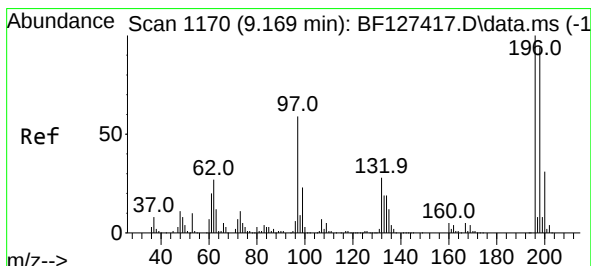
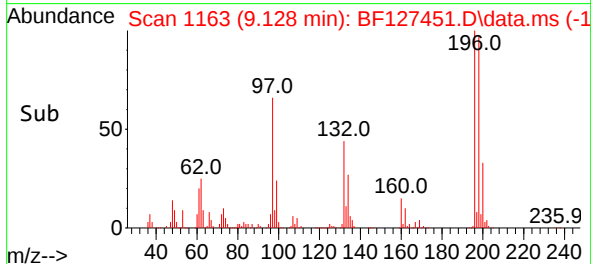
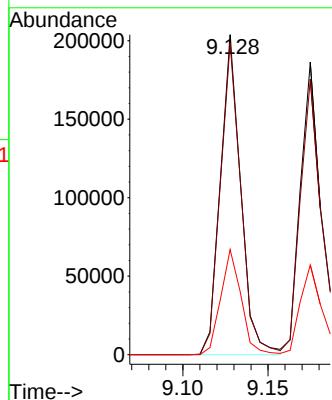
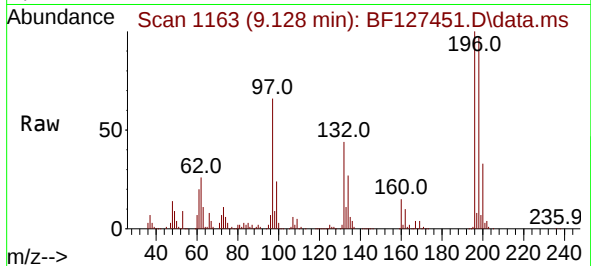




#43
2,4,6-Trichlorophenol
Concen: 42.226 ng
RT: 9.128 min Scan# 1163
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

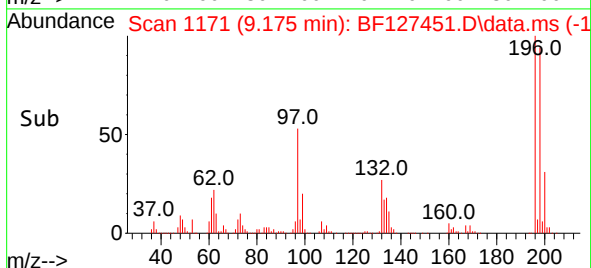
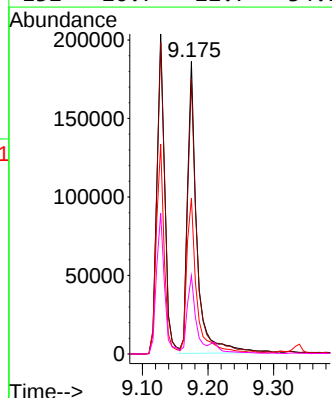
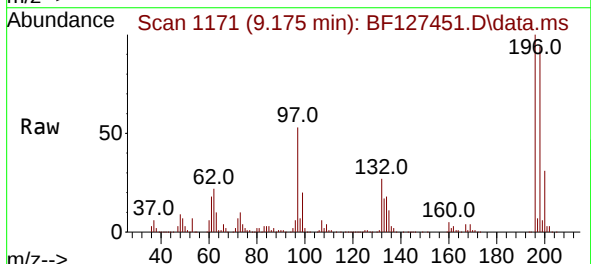
Instrument :
BNA_F
ClientSampleId :
PB143450BSD

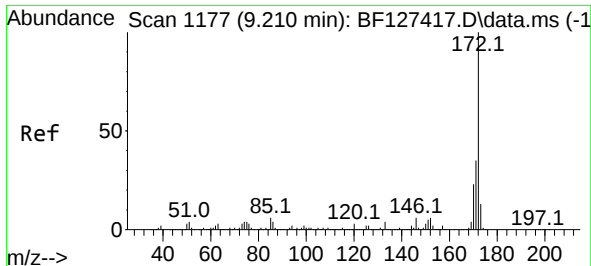
Tgt Ion:196 Resp: 169853
Ion Ratio Lower Upper
196 100
198 97.5 77.8 116.6
200 32.8 25.9 38.9



#44
2,4,5-Trichlorophenol
Concen: 44.678 ng
RT: 9.175 min Scan# 1171
Delta R.T. 0.006 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion:196 Resp: 184998
Ion Ratio Lower Upper
196 100
198 94.2 75.3 112.9
97 53.2 46.8 70.2
132 26.7 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 81.354 ng

RT: 9.210 min Scan# 1177

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB143450BSD

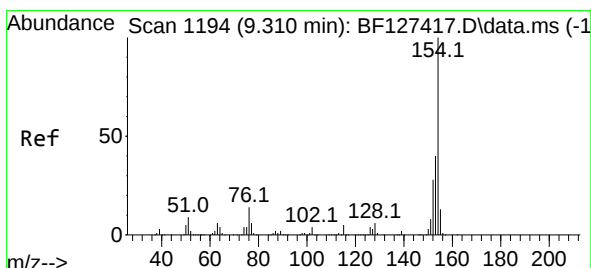
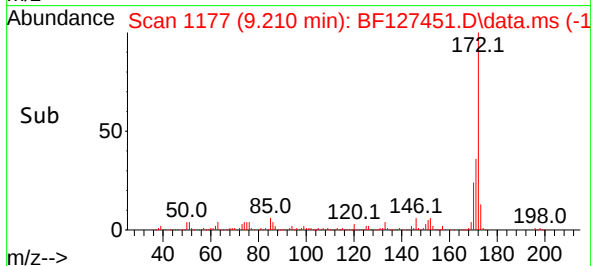
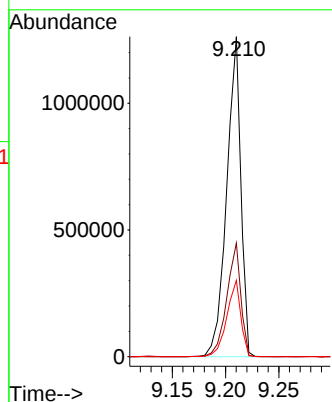
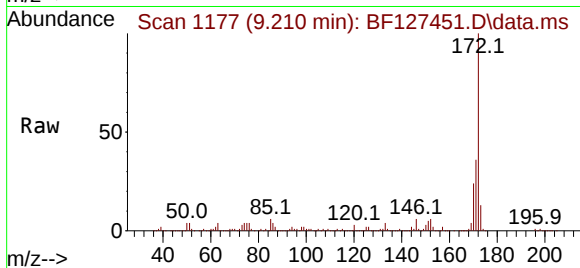
Tgt Ion:172 Resp: 1166036

Ion Ratio Lower Upper

172 100

171 35.5 28.4 42.6

170 23.8 18.6 27.8



#46

1,1'-Biphenyl

Concen: 44.275 ng

RT: 9.310 min Scan# 1194

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

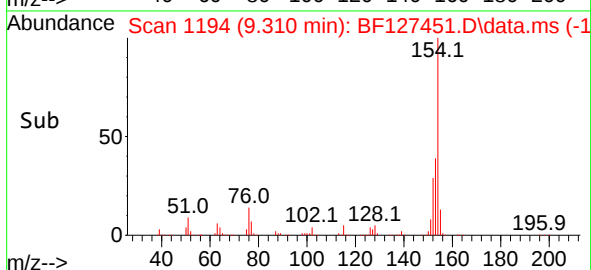
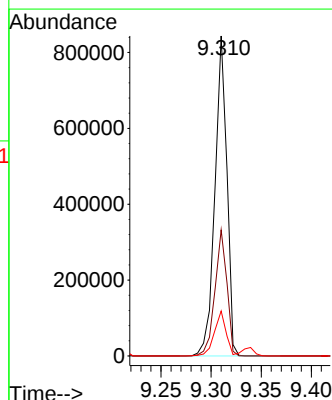
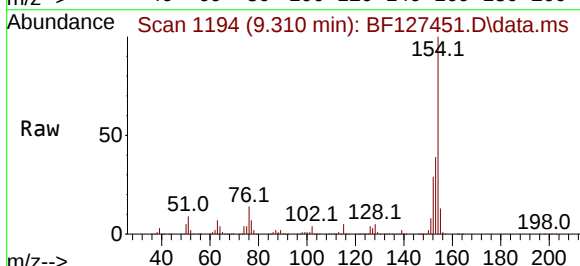
Tgt Ion:154 Resp: 699860

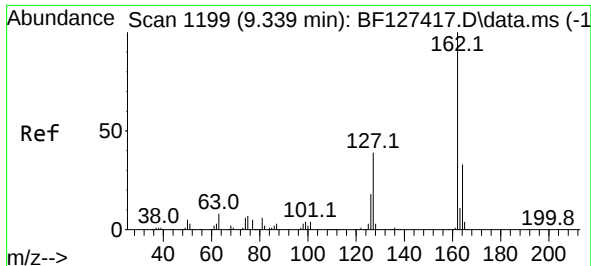
Ion Ratio Lower Upper

154 100

153 39.4 20.3 60.3

76 14.1 0.0 33.9





#47

2-Chloronaphthalene

Concen: 43.017 ng

RT: 9.339 min Scan# 1199

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB143450BSD

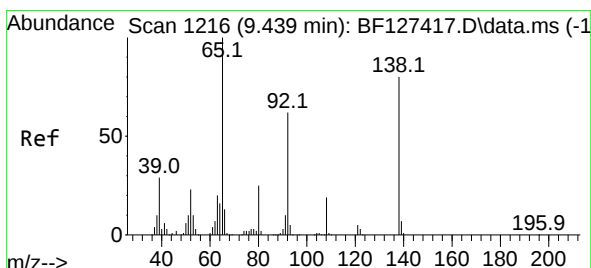
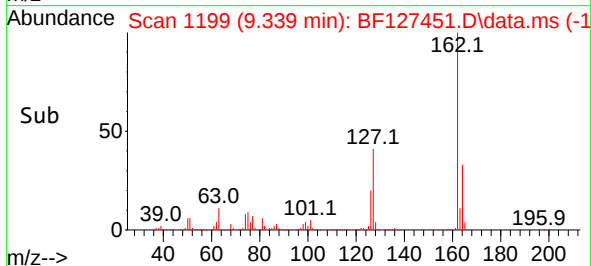
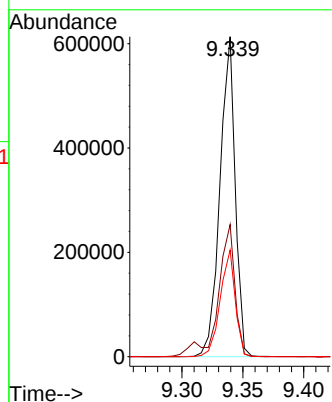
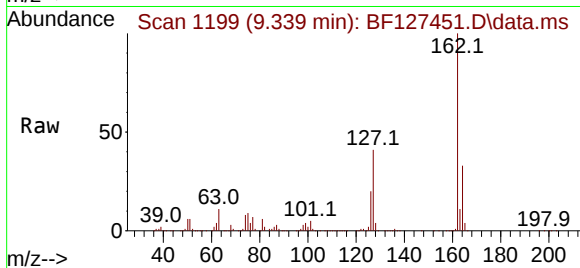
Tgt Ion:162 Resp: 535462

Ion Ratio Lower Upper

162 100

127 41.3 31.8 47.6

164 33.4 26.4 39.6



#48

2-Nitroaniline

Concen: 44.543 ng

RT: 9.445 min Scan# 1217

Delta R.T. 0.006 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

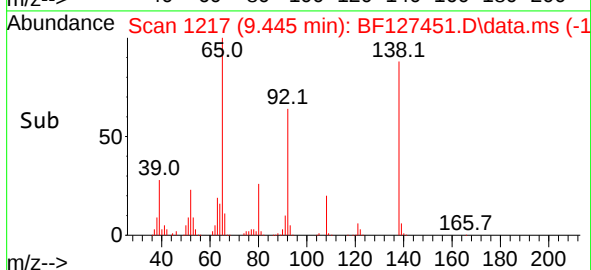
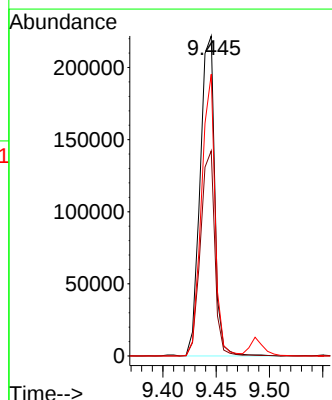
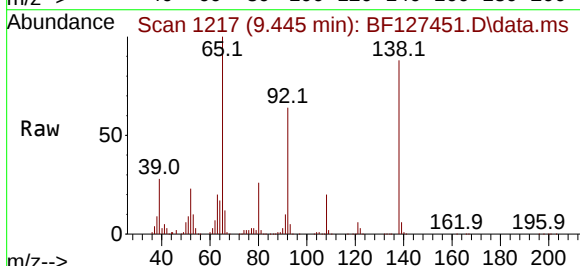
Tgt Ion: 65 Resp: 212499

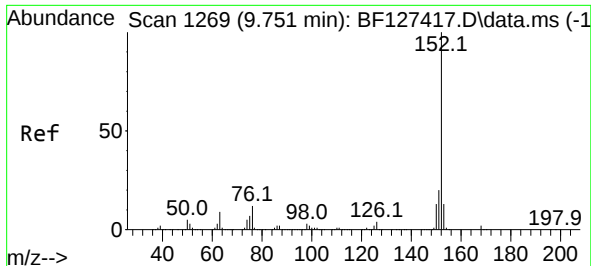
Ion Ratio Lower Upper

65 100

92 64.1 50.0 75.0

138 88.1 64.1 96.1

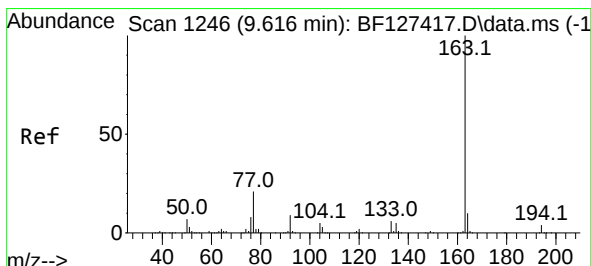
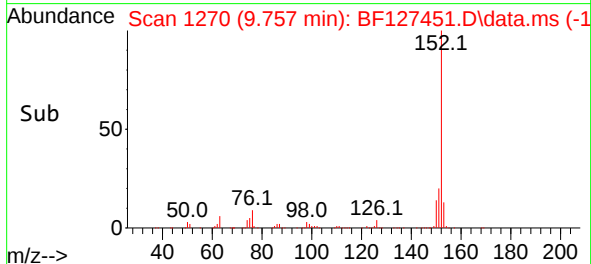
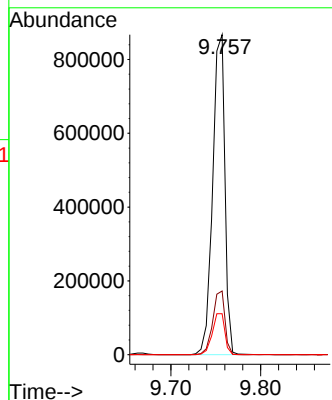
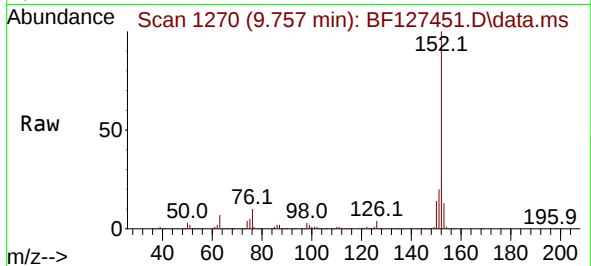




#49
Acenaphthylene
Concen: 43.675 ng
RT: 9.757 min Scan# 1270
Delta R.T. 0.006 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

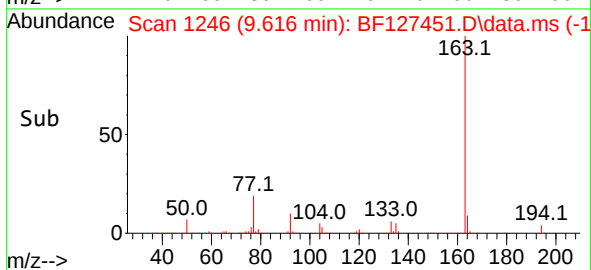
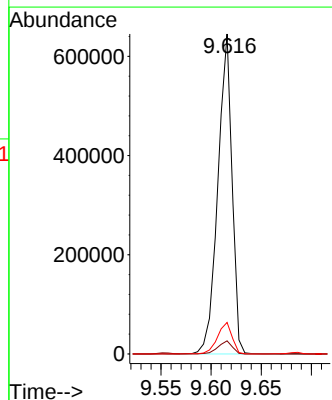
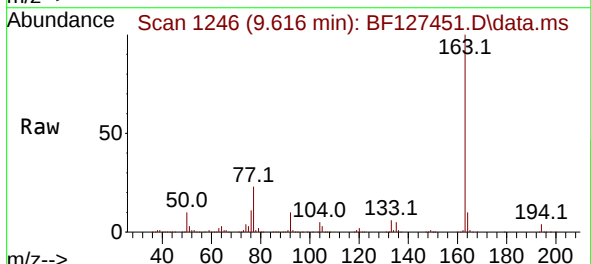
Instrument :
BNA_F
ClientSampleId :
PB143450BSD

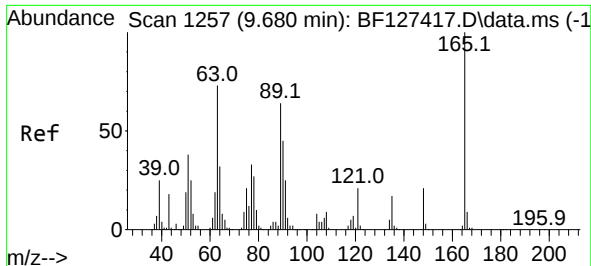
Tgt Ion:152 Resp: 821887
Ion Ratio Lower Upper
152 100
151 19.9 15.8 23.8
153 12.8 10.5 15.7



#50
Dimethylphthalate
Concen: 43.550 ng
RT: 9.616 min Scan# 1246
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion:163 Resp: 634088
Ion Ratio Lower Upper
163 100
194 4.1 3.3 4.9
164 9.9 7.8 11.8





#51

2,6-Dinitrotoluene

Concen: 46.112 ng

RT: 9.686 min Scan# 1257

Delta R.T. 0.006 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB143450BSD

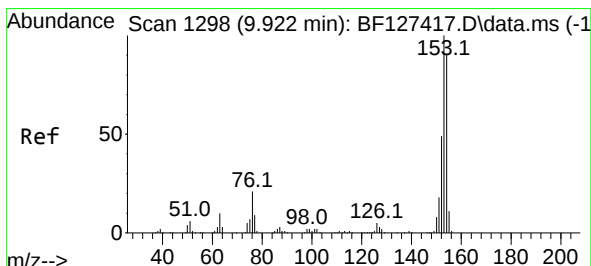
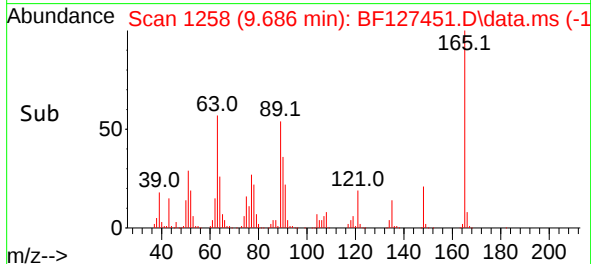
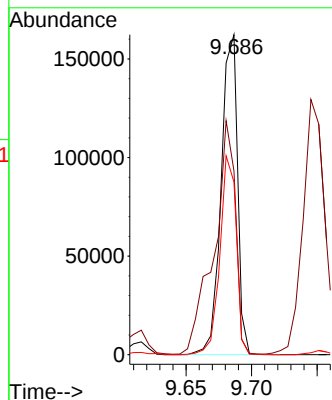
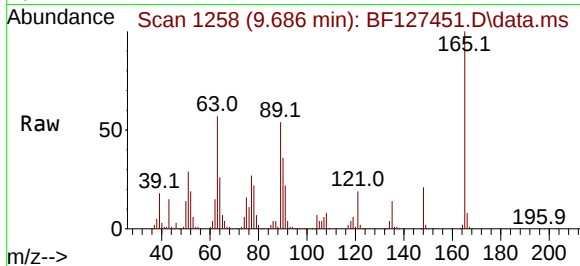
Tgt Ion:165 Resp: 140934

Ion Ratio Lower Upper

165 100

63 57.4 58.3 87.5#

89 53.9 51.5 77.3



#52

Acenaphthene

Concen: 44.170 ng

RT: 9.928 min Scan# 1299

Delta R.T. 0.006 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

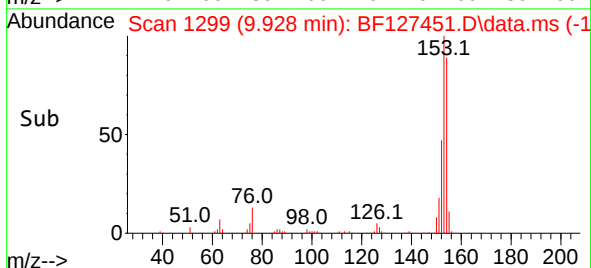
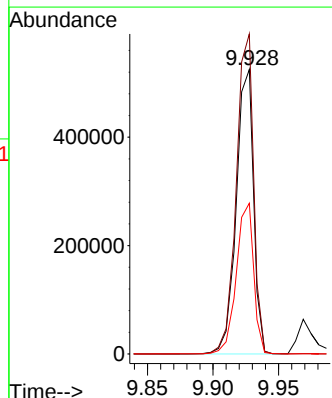
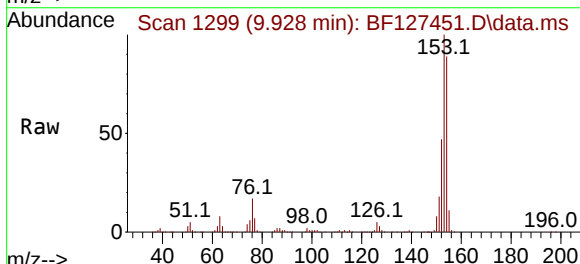
Tgt Ion:154 Resp: 484968

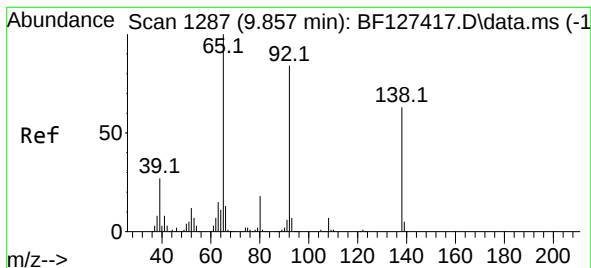
Ion Ratio Lower Upper

154 100

153 112.5 87.6 131.4

152 53.0 42.9 64.3





#53

3-Nitroaniline

Concen: 37.143 ng

RT: 9.857 min Scan# 1287

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB143450BSD

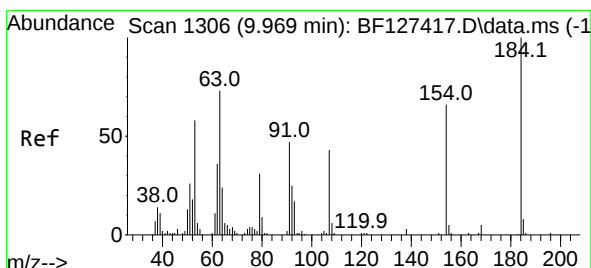
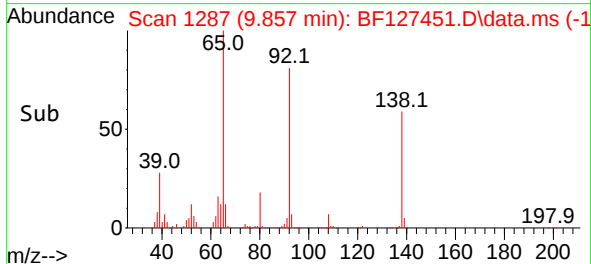
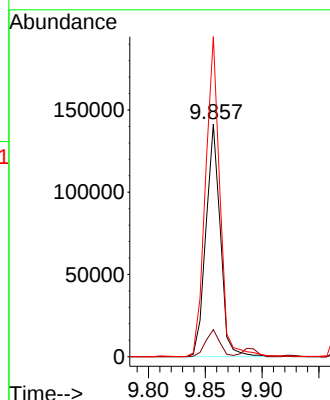
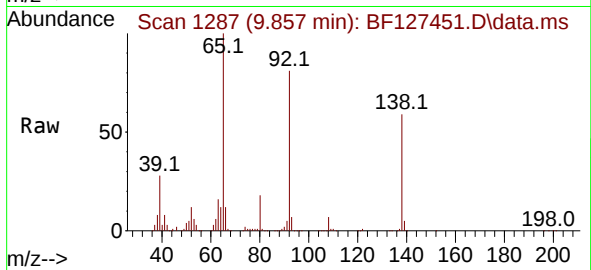
Tgt Ion:138 Resp: 124528

Ion Ratio Lower Upper

138 100

108 11.6 9.4 14.0

92 137.6 106.1 159.1



#54

2,4-Dinitrophenol

Concen: 63.693 ng

RT: 9.969 min Scan# 1306

Delta R.T. -0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

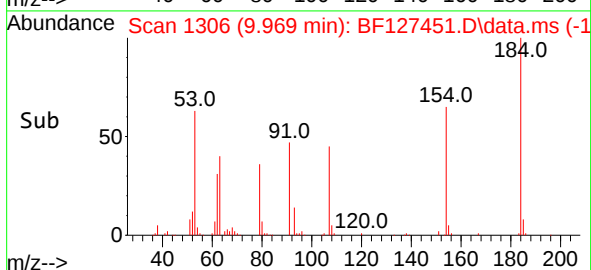
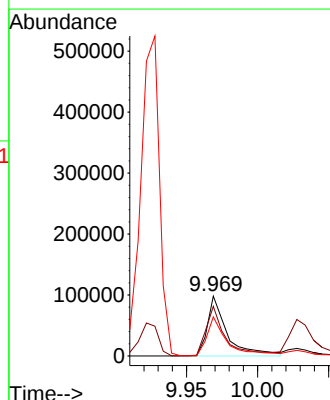
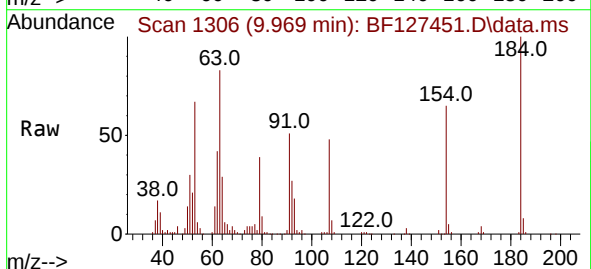
Tgt Ion:184 Resp: 95179

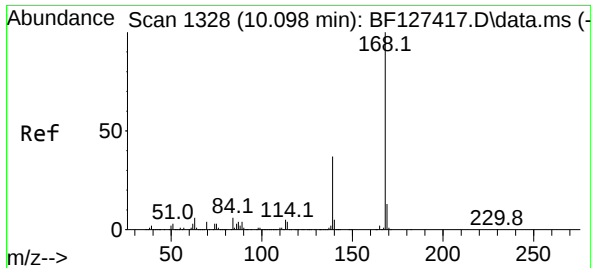
Ion Ratio Lower Upper

184 100

63 82.9 58.1 87.1

154 65.4 53.2 79.8

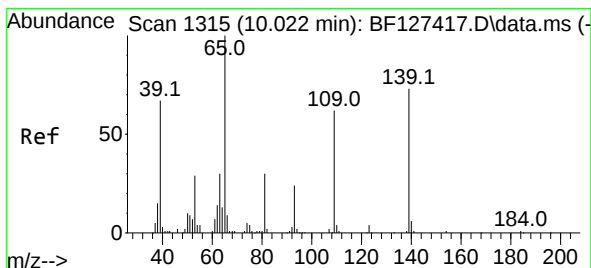
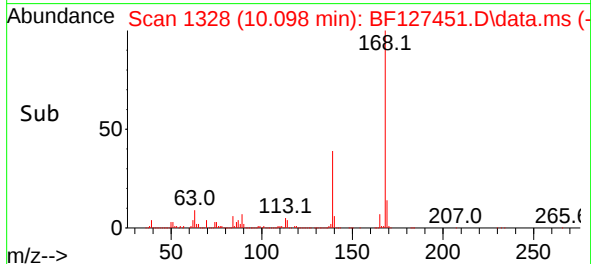
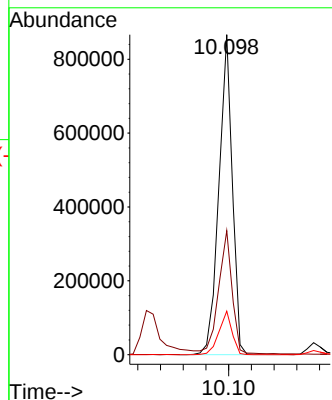
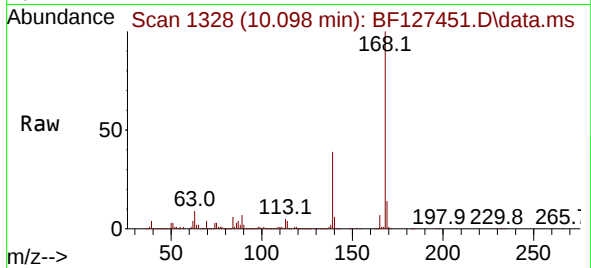




#55
Dibenzofuran
Concen: 44.743 ng
RT: 10.098 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

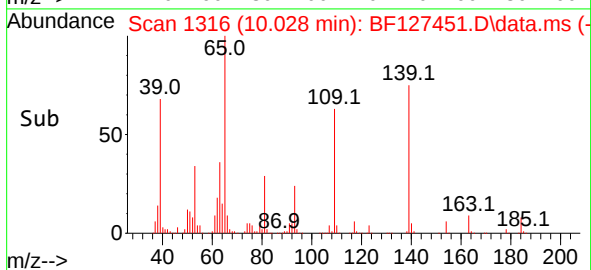
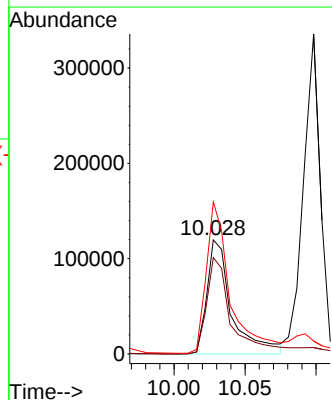
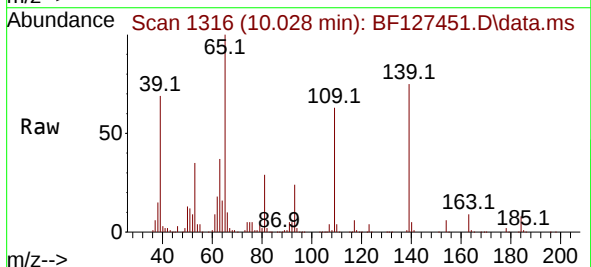
Instrument :
BNA_F
ClientSampleId :
PB143450BSD

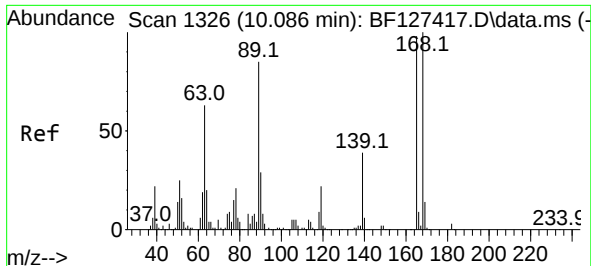
Tgt Ion:168 Resp: 709144
Ion Ratio Lower Upper
168 100
139 38.7 30.3 45.5
169 13.6 10.8 16.2



#56
4-Nitrophenol
Concen: 85.574 ng
RT: 10.028 min Scan# 1316
Delta R.T. 0.006 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion:139 Resp: 146021
Ion Ratio Lower Upper
139 100
109 84.4 64.3 104.3
65 133.3 117.5 157.5

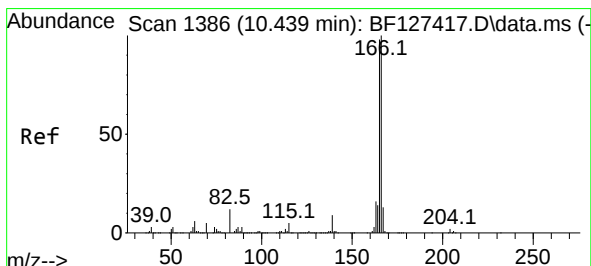
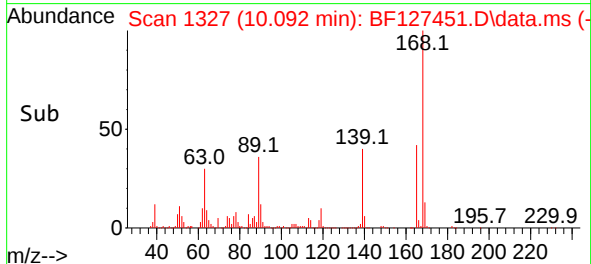
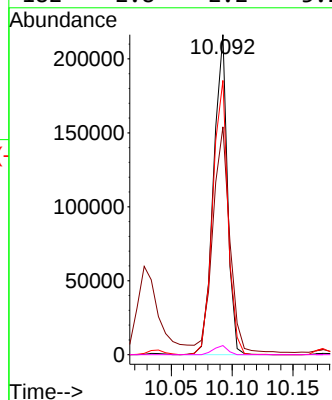
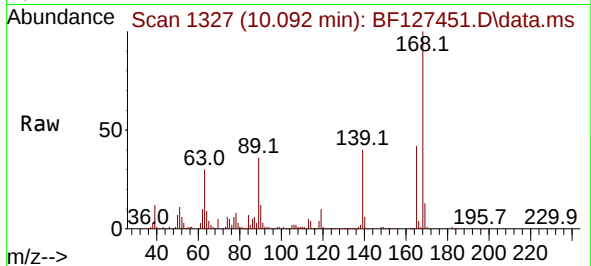




#57
2,4-Dinitrotoluene
Concen: 43.981 ng
RT: 10.092 min Scan# 1327
Delta R.T. 0.006 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

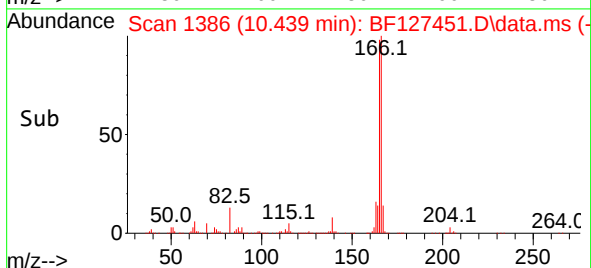
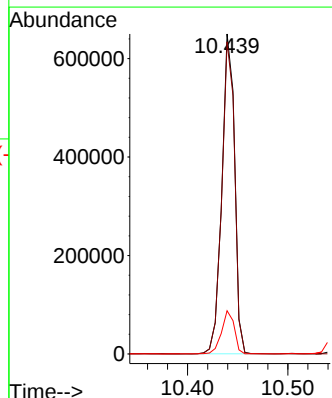
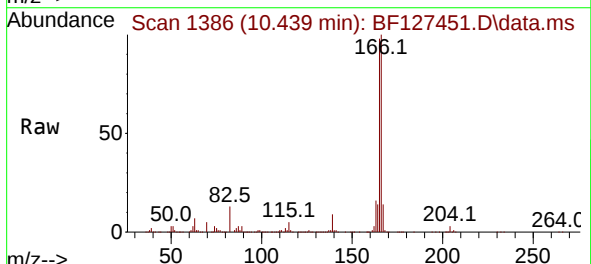
Instrument :
BNA_F
ClientSampleId :
PB143450BSD

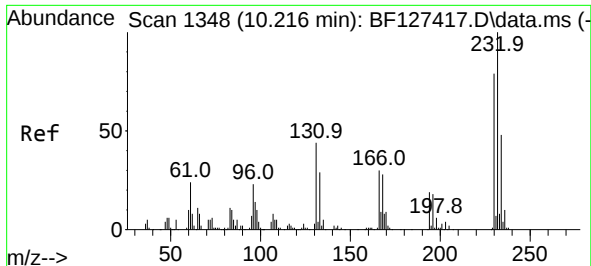
Tgt Ion:165 Resp: 173020
Ion Ratio Lower Upper
165 100
63 71.2 53.1 79.7
89 85.7 69.2 103.8
182 2.8 2.2 3.2



#58
Fluorene
Concen: 45.119 ng
RT: 10.439 min Scan# 1386
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion:166 Resp: 573802
Ion Ratio Lower Upper
166 100
165 97.6 78.1 117.1
167 13.5 10.5 15.7

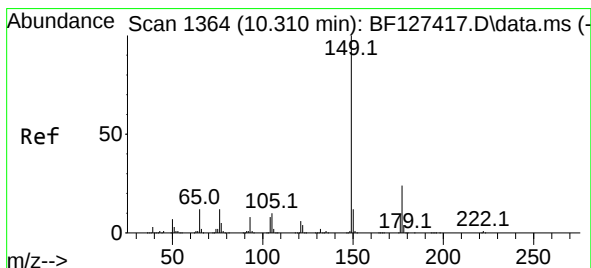
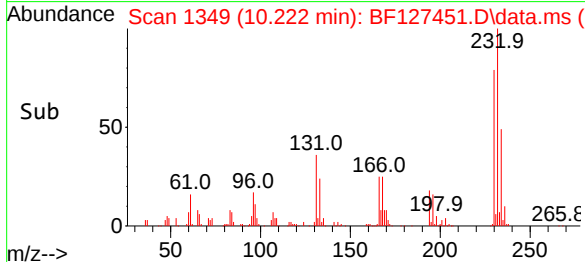
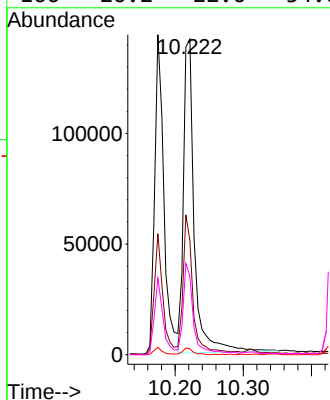
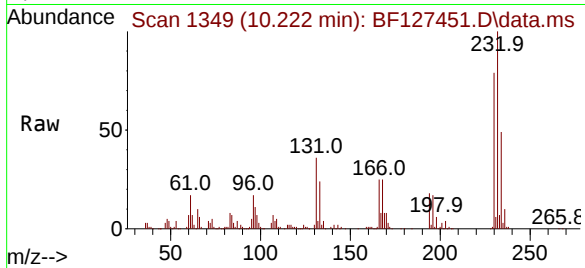




#59
2,3,4,6-Tetrachlorophenol
Concen: 42.424 ng
RT: 10.222 min Scan# 1349
Delta R.T. 0.006 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

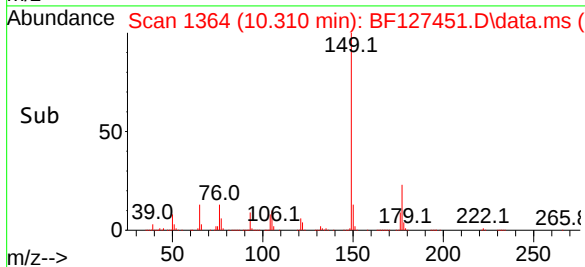
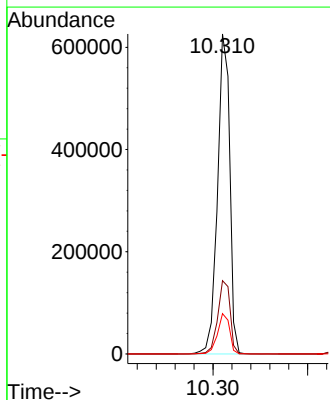
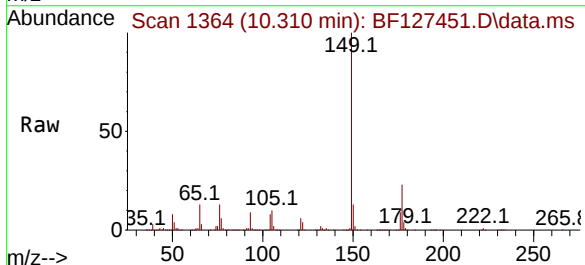
Instrument :
BNA_F
ClientSampleId :
PB143450BSD

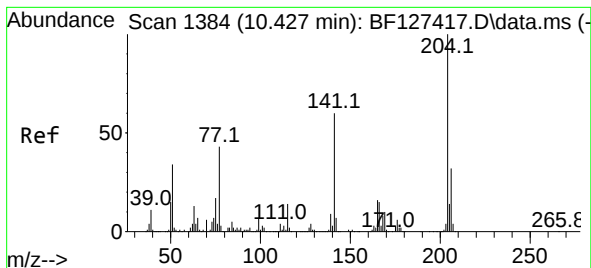
Tgt Ion:232 Resp: 155313
Ion Ratio Lower Upper
232 100
131 41.1 33.4 50.0
130 2.1 1.8 2.6
166 26.2 22.6 34.0



#60
Diethylphthalate
Concen: 42.319 ng
RT: 10.310 min Scan# 1364
Delta R.T. -0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion:149 Resp: 562784
Ion Ratio Lower Upper
149 100
177 22.9 18.9 28.3
150 12.6 10.0 15.0

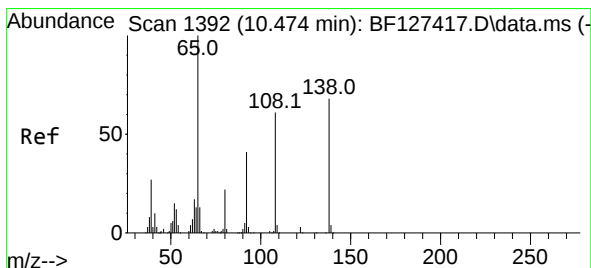
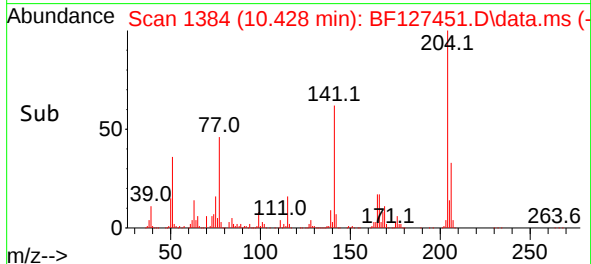
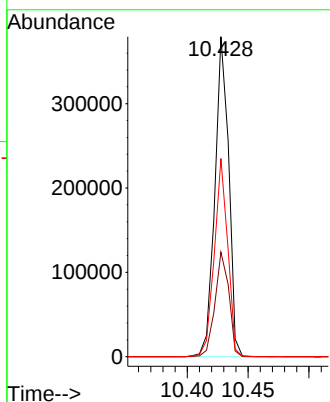
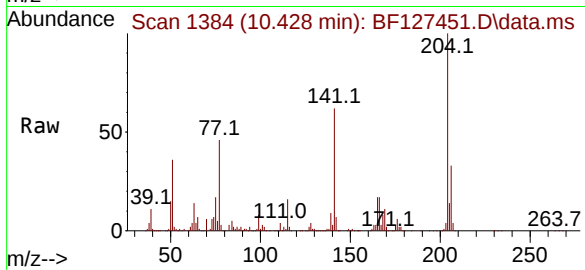




#61
4-Chlorophenyl-phenylether
Concen: 39.762 ng
RT: 10.428 min Scan# 1384
Delta R.T. 0.001 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

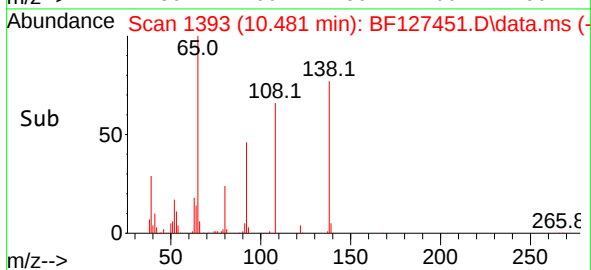
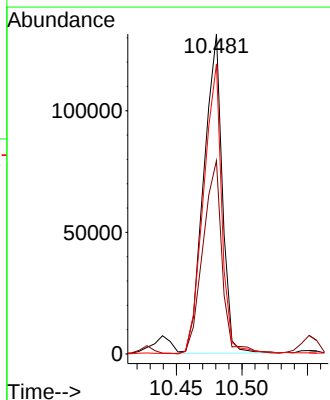
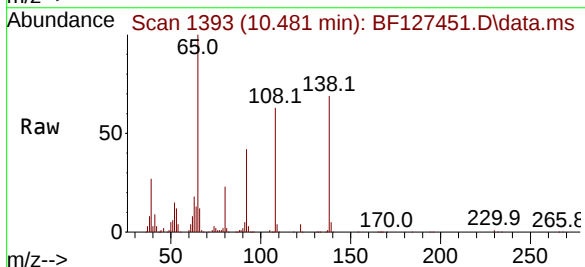
Instrument :
BNA_F
ClientSampleId :
PB143450BSD

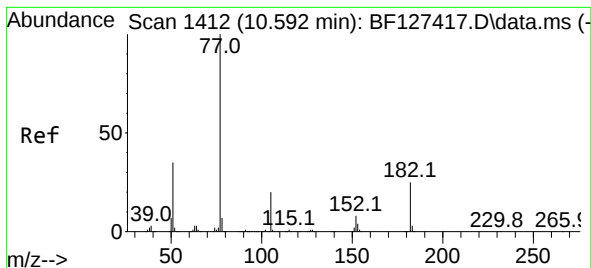
Tgt Ion:204 Resp: 299216
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 61.9 47.8 71.8



#62
4-Nitroaniline
Concen: 41.058 ng
RT: 10.481 min Scan# 1393
Delta R.T. 0.007 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion:138 Resp: 128938
Ion Ratio Lower Upper
138 100
92 60.4 40.5 80.5
108 90.7 69.2 109.2





#63

Azobenzene

Concen: 42.400 ng

RT: 10.592 min Scan# 1412

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB143450BSD

Tgt Ion: 77 Resp: 665322

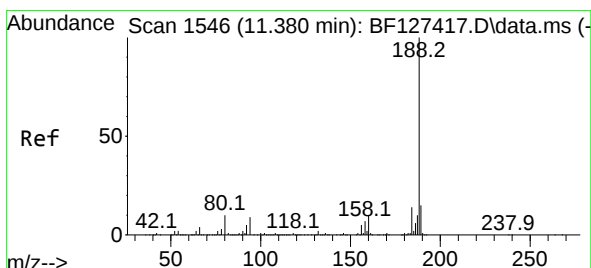
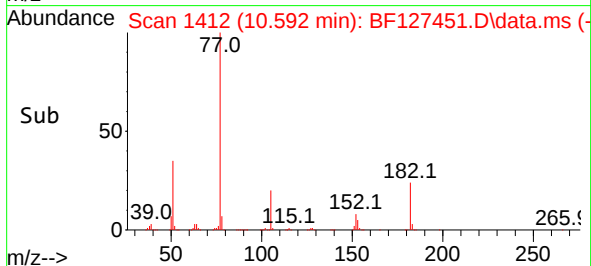
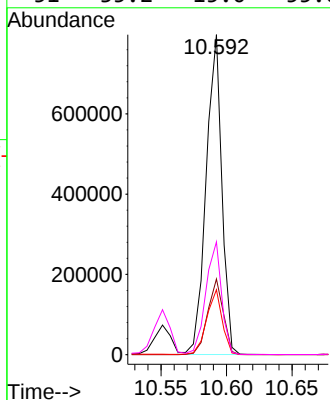
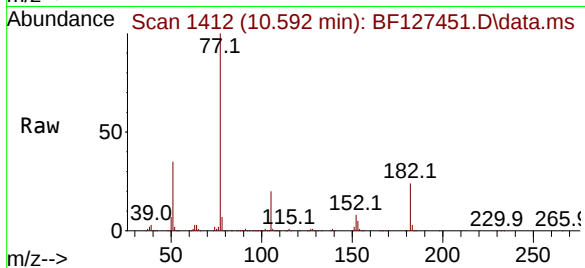
Ion Ratio Lower Upper

77 100

182 23.7 4.5 44.5

105 20.3 0.3 40.3

51 35.2 15.0 55.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.381 min Scan# 1546

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

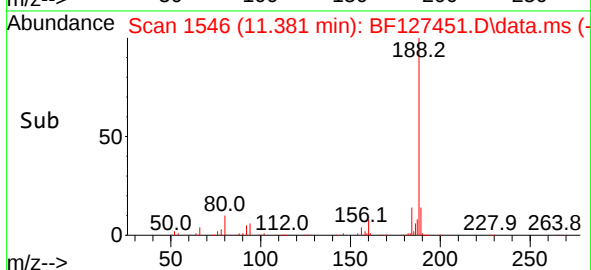
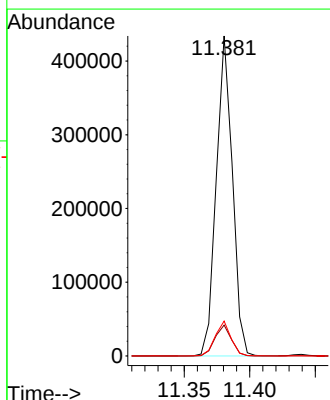
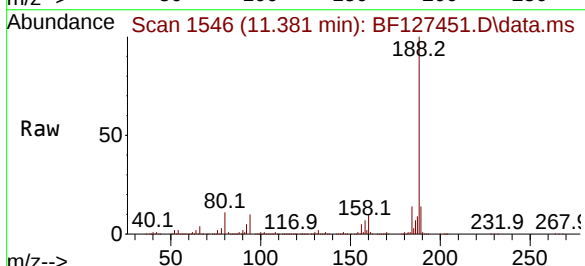
Tgt Ion: 188 Resp: 370045

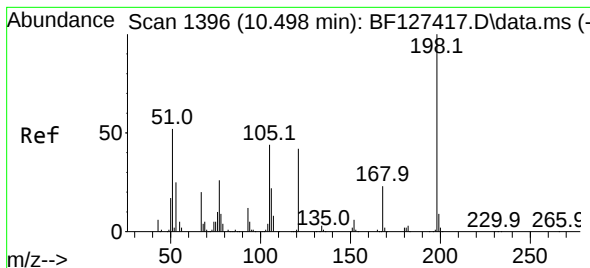
Ion Ratio Lower Upper

188 100

94 9.7 7.4 11.0

80 10.9 8.0 12.0

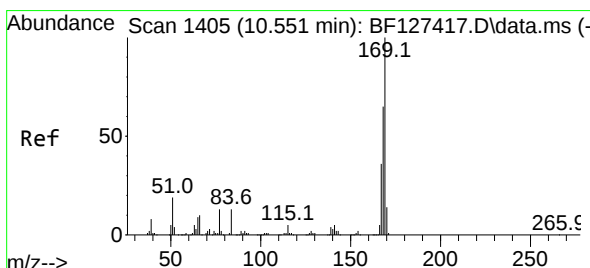
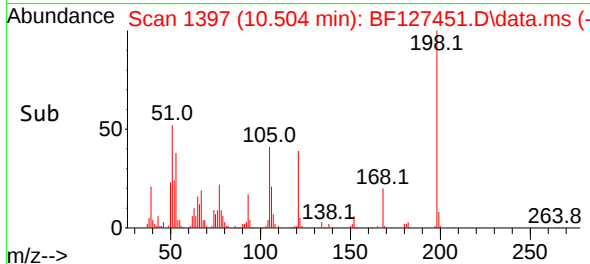
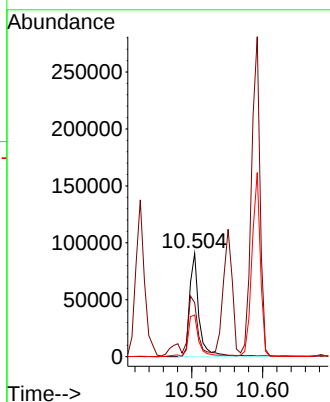
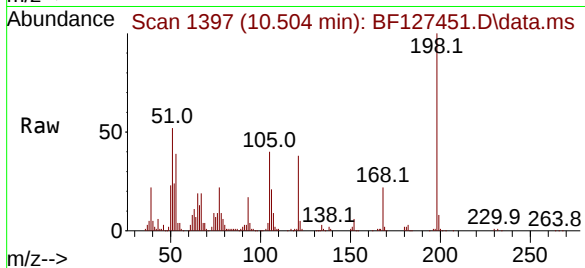




#65
4,6-Dinitro-2-methylphenol
Concen: 36.992 ng
RT: 10.504 min Scan# 1397
Delta R.T. 0.006 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

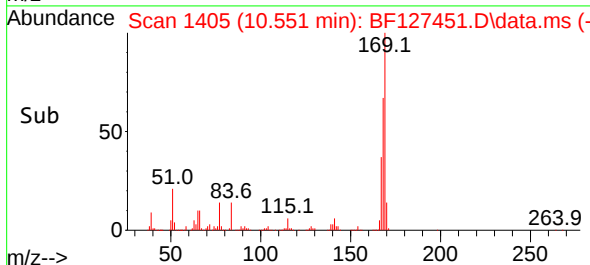
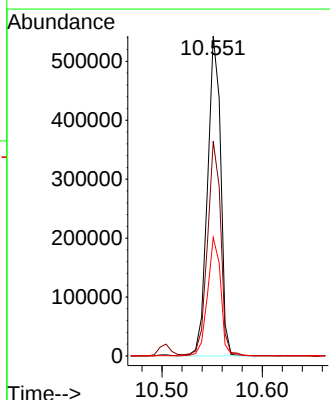
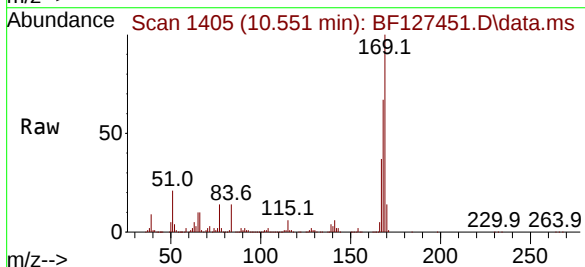
Instrument :
BNA_F
ClientSampleId :
PB143450BSD

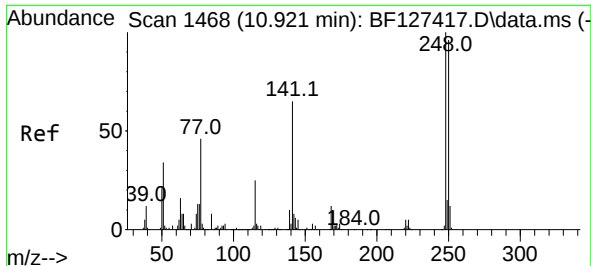
Tgt Ion:198 Resp: 84229
Ion Ratio Lower Upper
198 100
51 52.2 42.7 82.7
105 40.3 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 43.876 ng
RT: 10.551 min Scan# 1405
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion:169 Resp: 494232
Ion Ratio Lower Upper
169 100
168 67.1 52.7 79.1
167 37.0 28.9 43.3

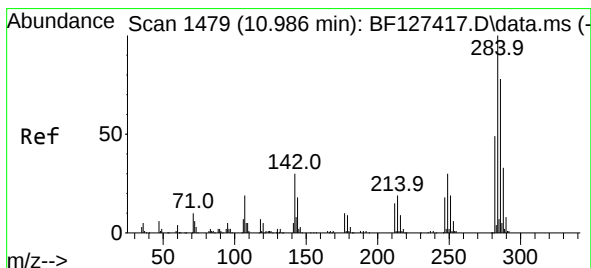
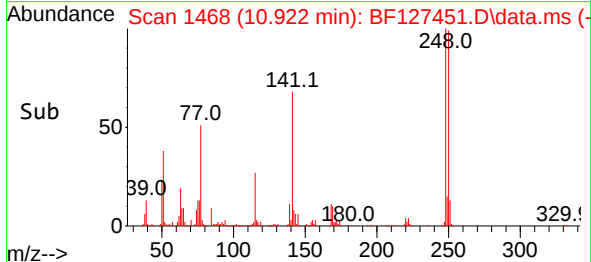
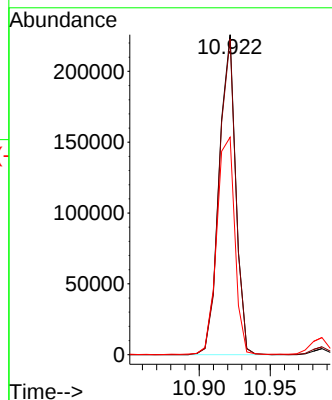
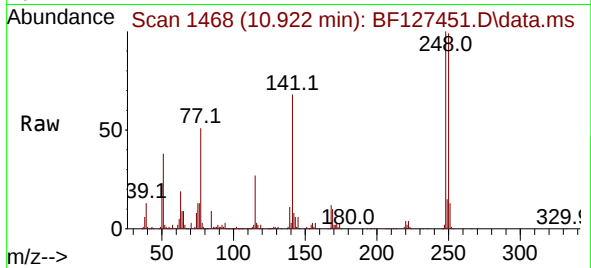




#67
4-Bromophenyl-phenylether
Concen: 42.369 ng
RT: 10.922 min Scan# 1468
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

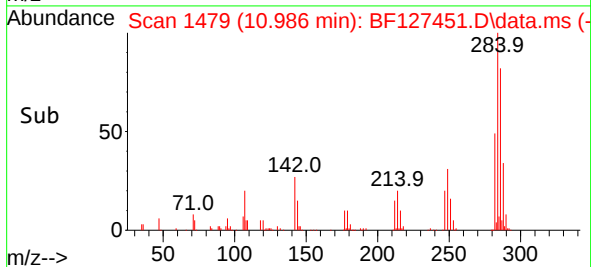
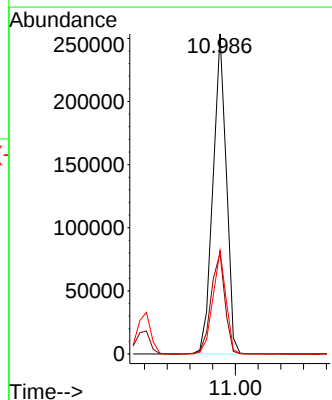
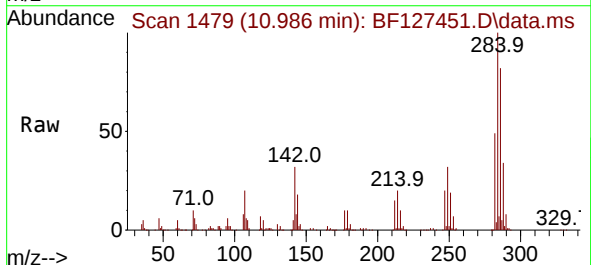
Instrument :
BNA_F
ClientSampleId :
PB143450BSD

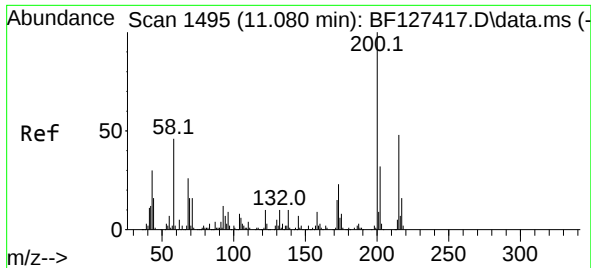
Tgt Ion:248 Resp: 183048
Ion Ratio Lower Upper
248 100
250 98.7 76.6 115.0
141 67.9 52.2 78.2



#68
Hexachlorobenzene
Concen: 43.668 ng
RT: 10.986 min Scan# 1479
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion:284 Resp: 205935
Ion Ratio Lower Upper
284 100
142 31.6 23.8 35.8
249 32.3 23.9 35.9



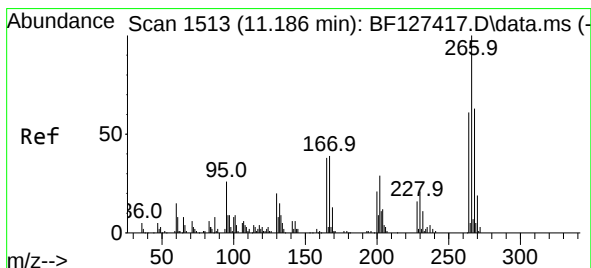
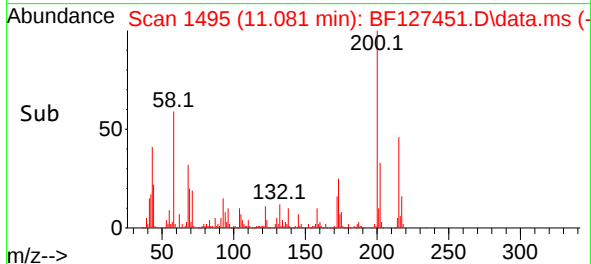
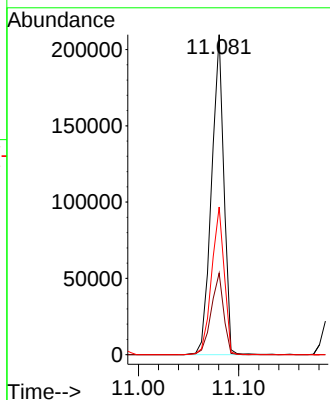
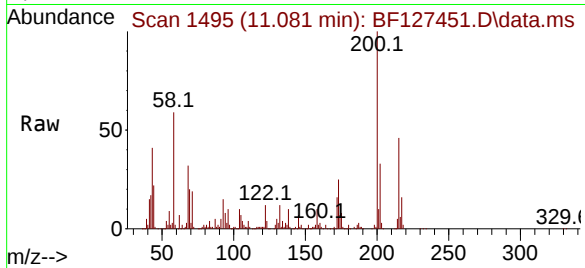


#69
 Atrazine
 Concen: 47.818 ng
 RT: 11.081 min Scan# 1495
 Delta R.T. 0.000 min
 Lab File: BF127451.D
 Acq: 22 Mar 2022 14:43

Instrument :
 BNA_F
 ClientSampleId :
 PB143450BSD

Tgt Ion:200 Resp: 179318

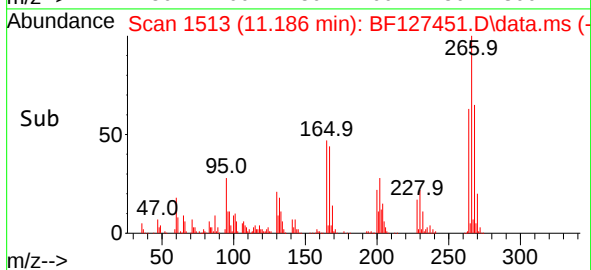
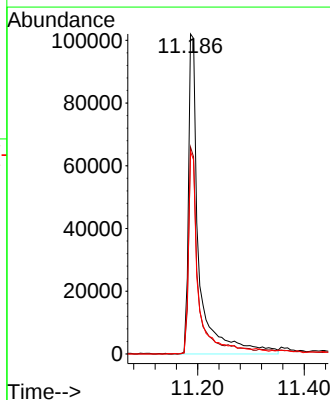
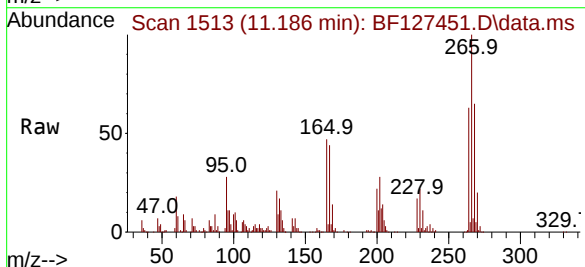
Ion	Ratio	Lower	Upper
200	100		
173	25.5	2.9	42.9
215	46.1	28.0	68.0

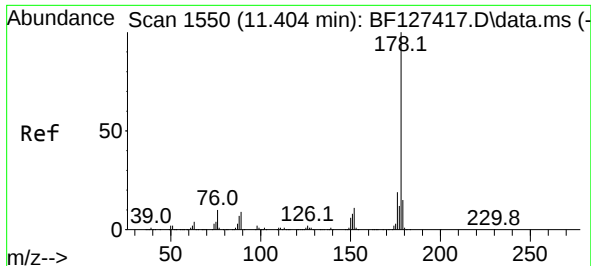


#70
 Pentachlorophenol
 Concen: 77.590 ng
 RT: 11.186 min Scan# 1513
 Delta R.T. 0.000 min
 Lab File: BF127451.D
 Acq: 22 Mar 2022 14:43

Tgt Ion:266 Resp: 140871

Ion	Ratio	Lower	Upper
266	100		
268	64.6	50.4	75.6
264	63.3	48.5	72.7

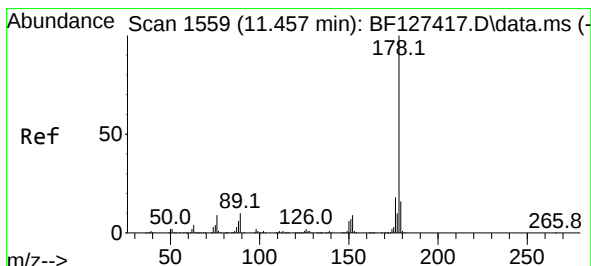
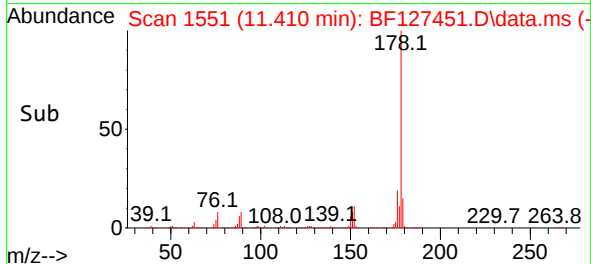
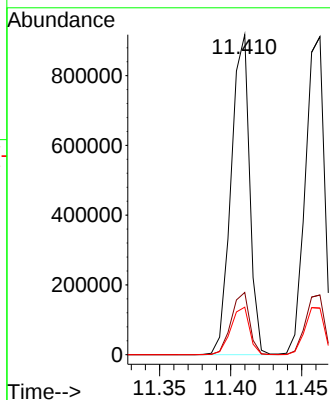
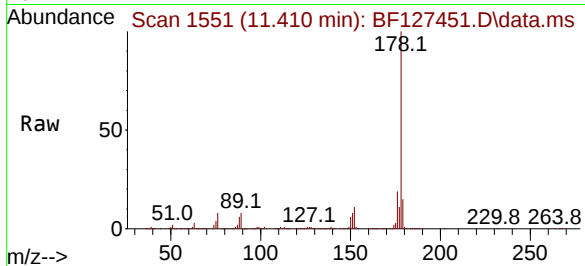




#71
Phenanthrene
Concen: 43.099 ng
RT: 11.410 min Scan# 1551
Delta R.T. 0.006 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

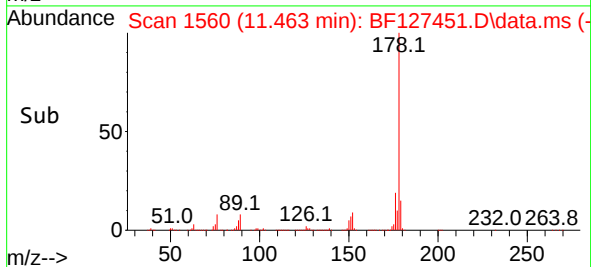
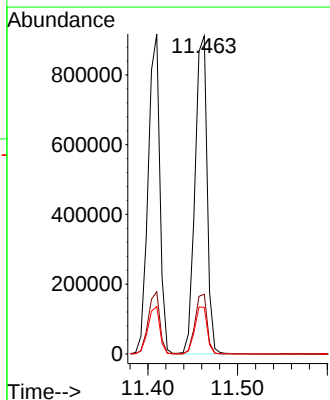
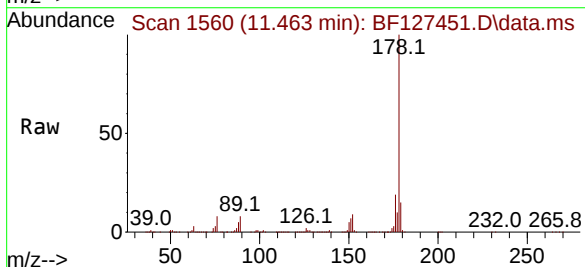
Instrument :
BNA_F
ClientSampleId :
PB143450BSD

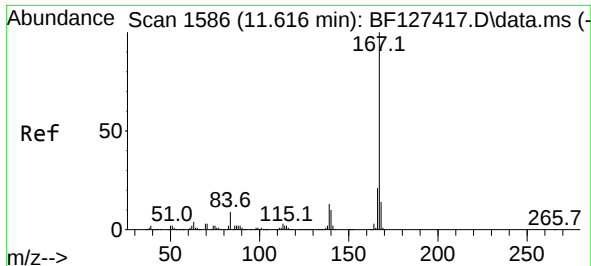
Tgt Ion:178 Resp: 831465
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 14.9 12.4 18.6



#72
Anthracene
Concen: 44.640 ng
RT: 11.463 min Scan# 1560
Delta R.T. 0.006 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion:178 Resp: 854626
Ion Ratio Lower Upper
178 100
176 18.8 14.6 22.0
179 14.6 12.4 18.6

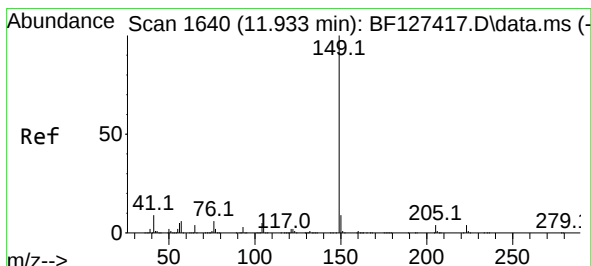
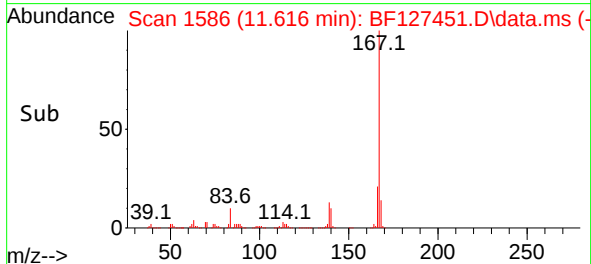
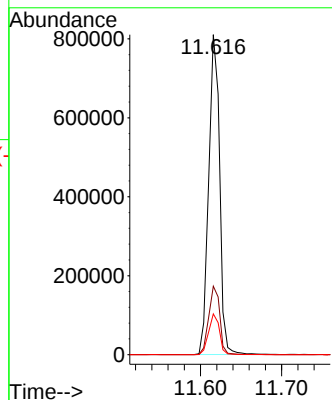
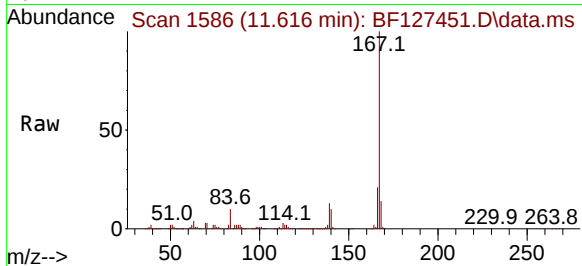




#73
 Carbazole
 Concen: 41.173 ng
 RT: 11.616 min Scan# 1586
 Delta R.T. 0.000 min
 Lab File: BF127451.D
 Acq: 22 Mar 2022 14:43

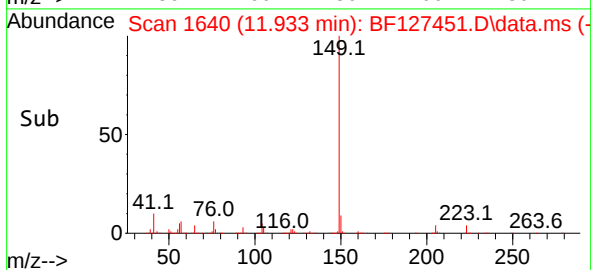
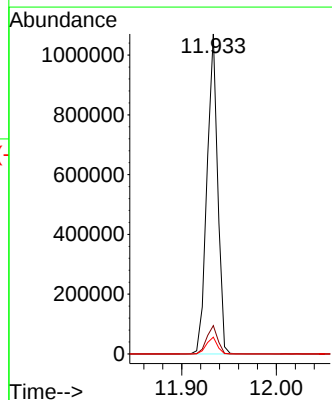
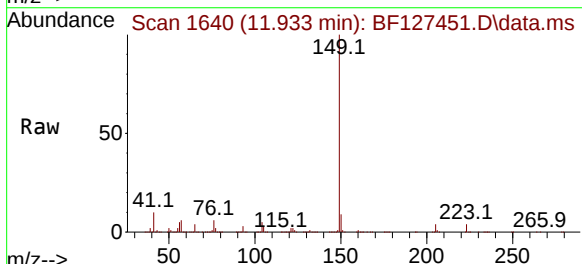
Instrument :
 BNA_F
 ClientSampleId :
 PB143450BSD

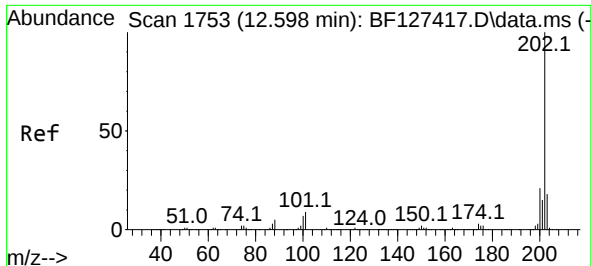
Tgt Ion:167 Resp: 753816
 Ion Ratio Lower Upper
 167 100
 166 21.4 17.0 25.4
 139 12.8 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 44.215 ng
 RT: 11.933 min Scan# 1640
 Delta R.T. 0.000 min
 Lab File: BF127451.D
 Acq: 22 Mar 2022 14:43

Tgt Ion:149 Resp: 837928
 Ion Ratio Lower Upper
 149 100
 150 8.9 7.5 11.3
 104 5.3 4.2 6.2

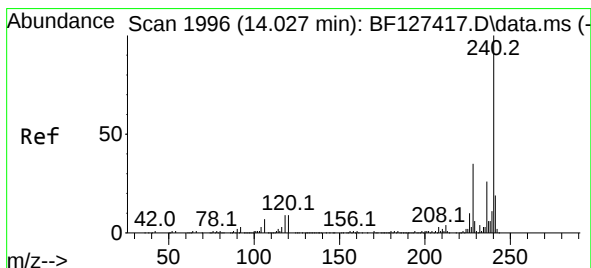
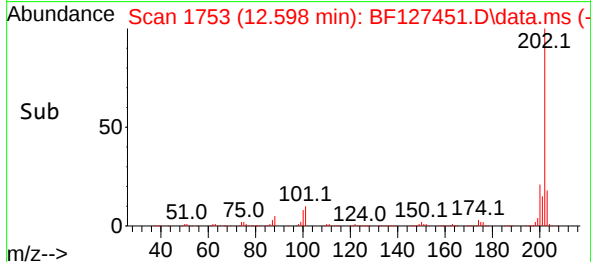
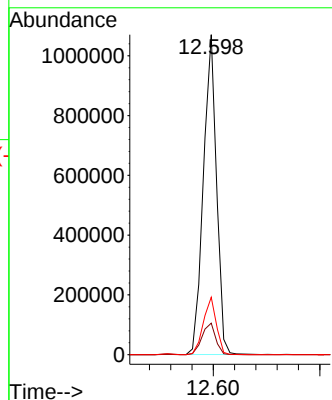
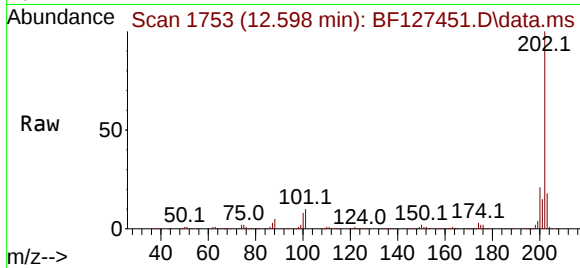




#75
Fluoranthene
Concen: 43.412 ng
RT: 12.598 min Scan# 1753
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

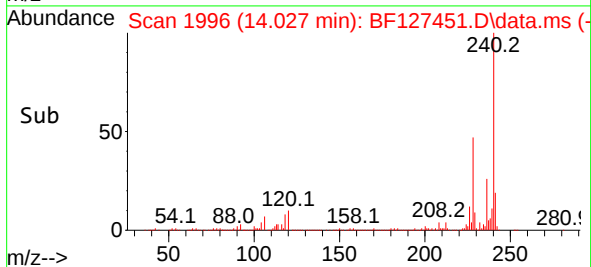
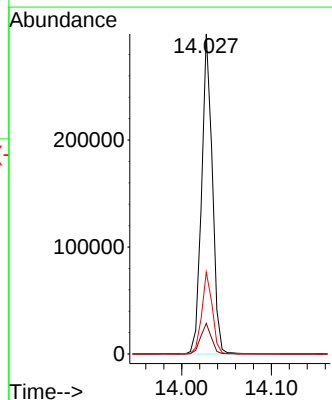
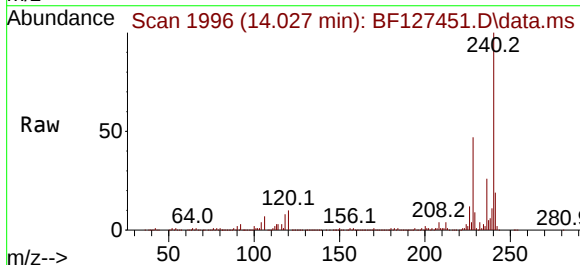
Instrument :
BNA_F
ClientSampleId :
PB143450BSD

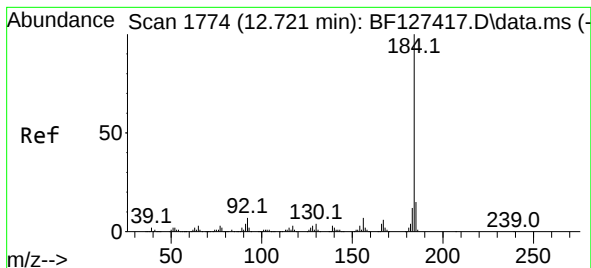
Tgt Ion:202 Resp: 921155
Ion Ratio Lower Upper
202 100
101 9.9 0.0 29.0
203 17.9 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.027 min Scan# 1996
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion:240 Resp: 247640
Ion Ratio Lower Upper
240 100
120 9.6 7.1 10.7
236 25.6 20.7 31.1





#77

Benzidine

Concen: 69.821 ng

RT: 12.722 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB143450BSD

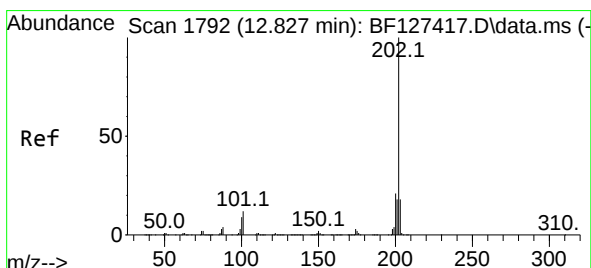
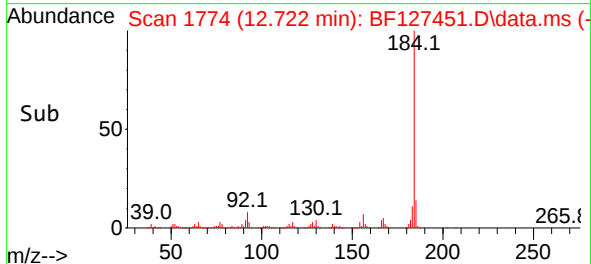
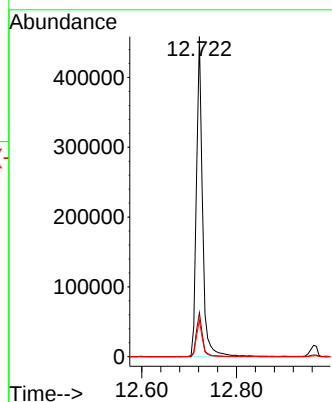
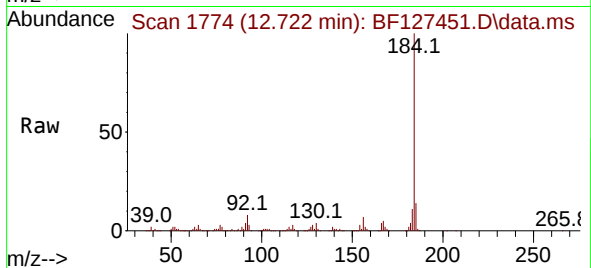
Tgt Ion:184 Resp: 412272

Ion Ratio Lower Upper

184 100

185 13.7 12.2 18.2

183 11.4 9.4 14.0



#78

Pyrene

Concen: 44.216 ng

RT: 12.827 min Scan# 1792

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

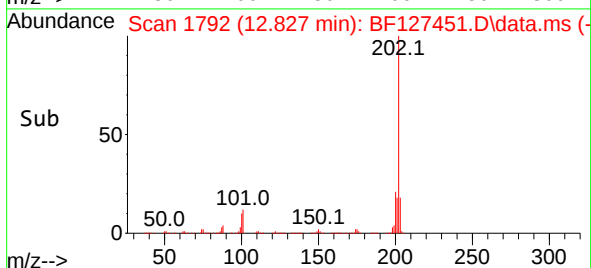
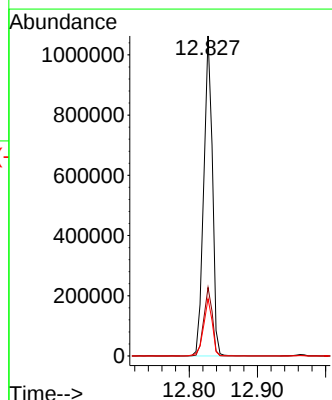
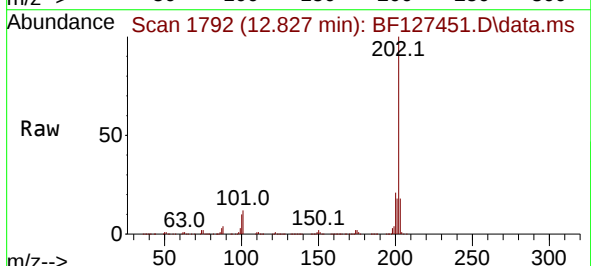
Tgt Ion:202 Resp: 939715

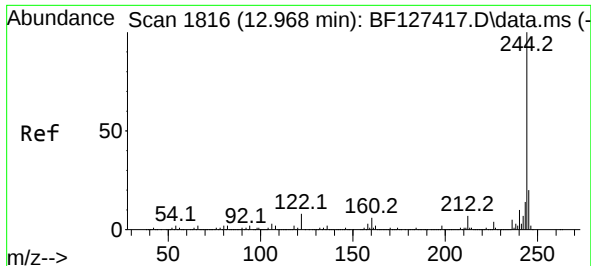
Ion Ratio Lower Upper

202 100

200 21.4 17.1 25.7

203 17.9 14.3 21.5

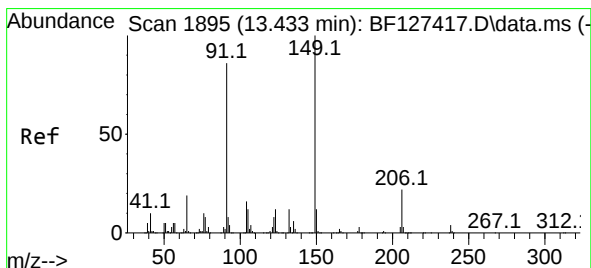
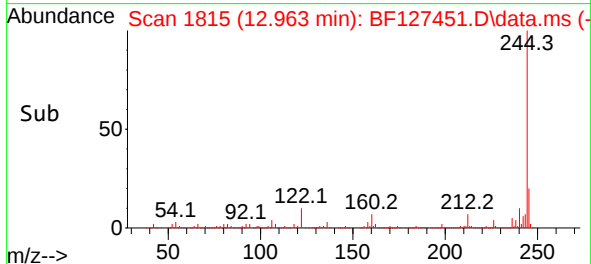
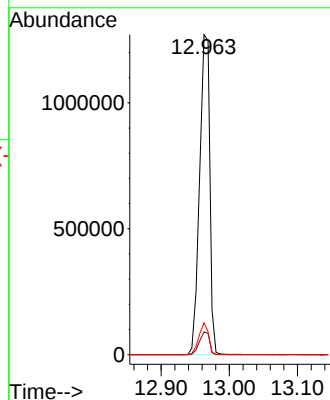
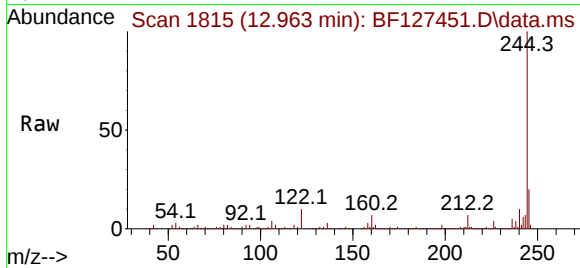




#79
 Terphenyl-d14
 Concen: 87.657 ng
 RT: 12.963 min Scan# 1816
 Delta R.T. -0.006 min
 Lab File: BF127451.D
 Acq: 22 Mar 2022 14:43

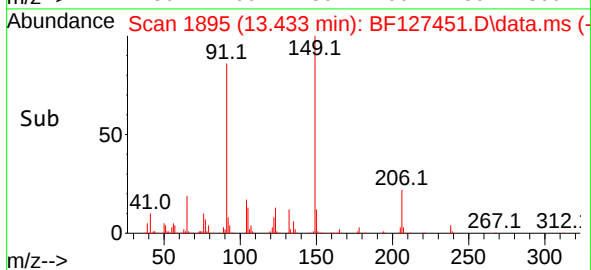
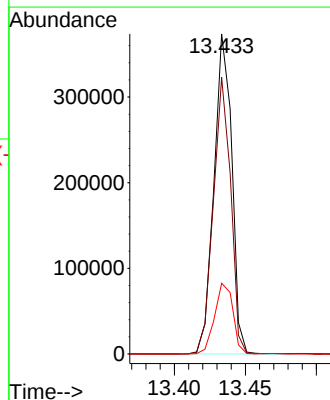
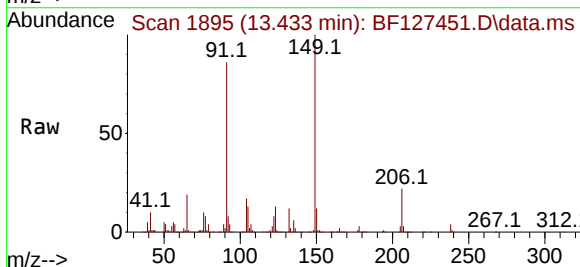
Instrument :
 BNA_F
 ClientSampleId :
 PB143450BSD

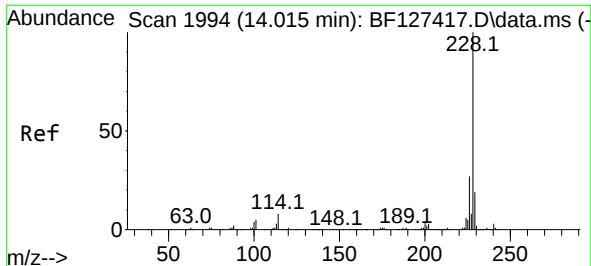
Tgt Ion:244 Resp: 1326037
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 9.9 6.2 9.2#



#80
 Butylbenzylphthalate
 Concen: 46.564 ng
 RT: 13.433 min Scan# 1895
 Delta R.T. 0.000 min
 Lab File: BF127451.D
 Acq: 22 Mar 2022 14:43

Tgt Ion:149 Resp: 325708
 Ion Ratio Lower Upper
 149 100
 91 86.5 69.1 103.7
 206 22.1 17.7 26.5

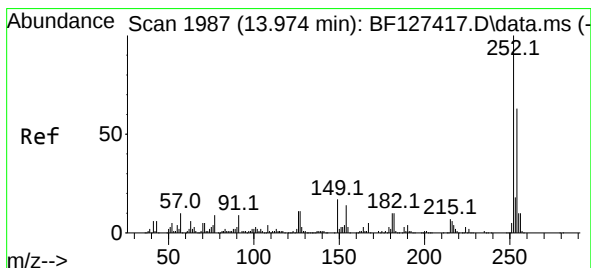
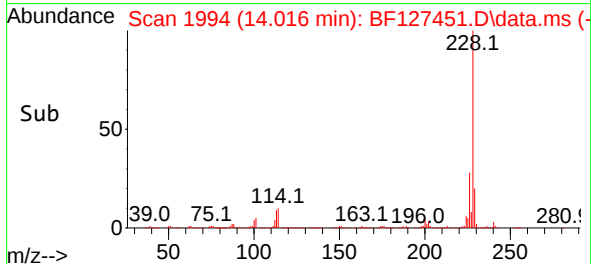
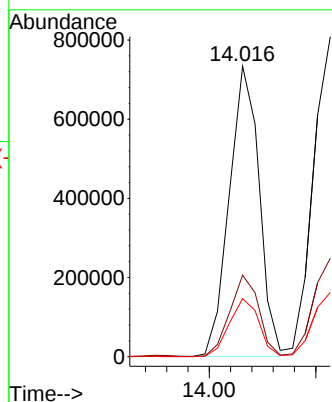
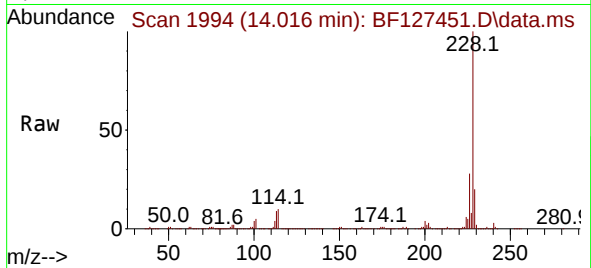




#81
Benzo(a)anthracene
Concen: 43.190 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

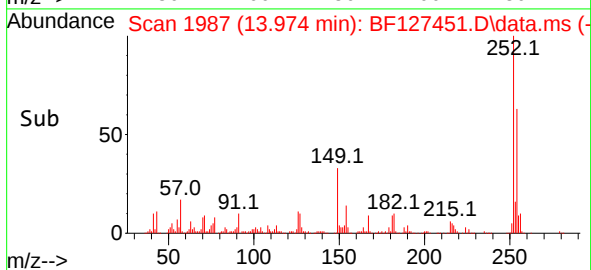
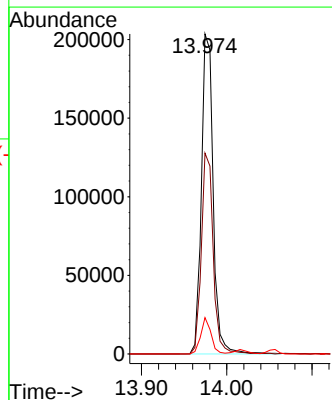
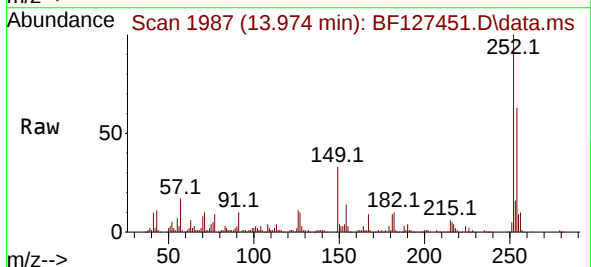
Instrument :
BNA_F
ClientSampleId :
PB143450BSD

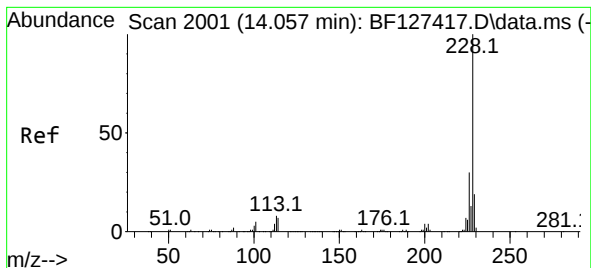
Tgt Ion:228 Resp: 715266
Ion Ratio Lower Upper
228 100
226 28.1 21.6 32.4
229 20.0 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 40.182 ng
RT: 13.974 min Scan# 1987
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion:252 Resp: 195574
Ion Ratio Lower Upper
252 100
254 62.8 50.2 75.4
126 11.3 8.7 13.1





#83

Chrysene

Concen: 44.120 ng

RT: 14.057 min Scan# 2001

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB143450BSD

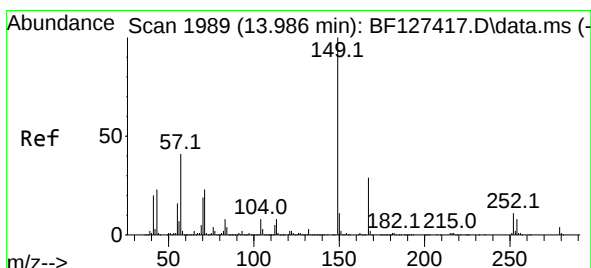
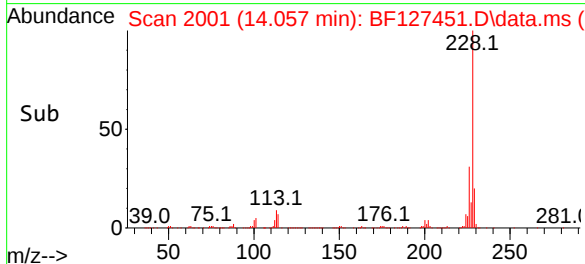
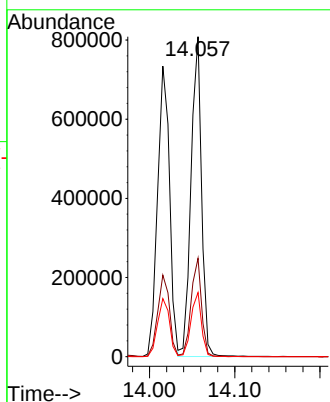
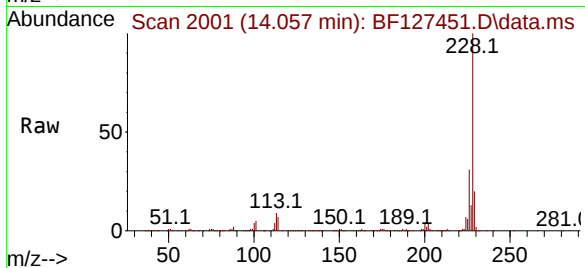
Tgt Ion:228 Resp: 691897

Ion Ratio Lower Upper

228 100

226 30.8 24.2 36.4

229 20.1 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.951 ng

RT: 13.986 min Scan# 1989

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

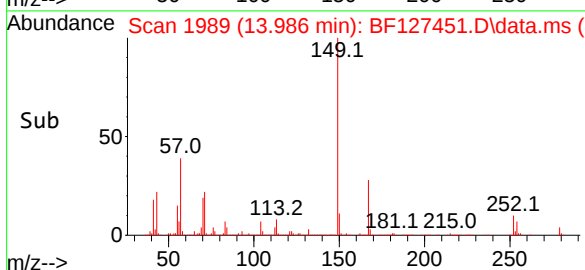
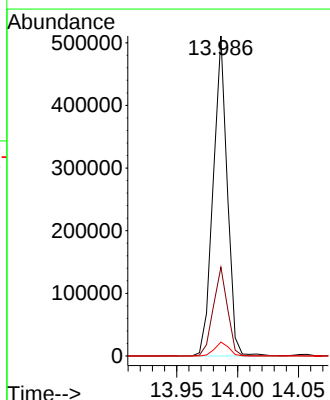
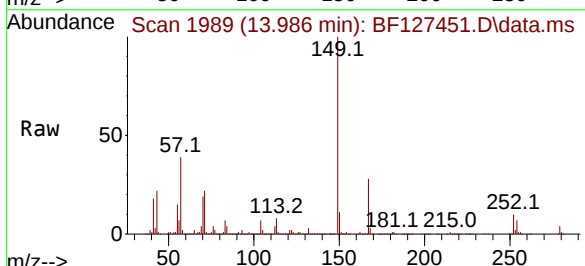
Tgt Ion:149 Resp: 411979

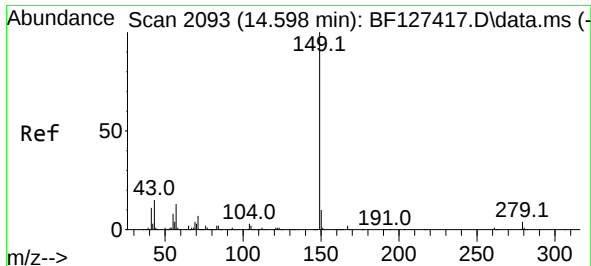
Ion Ratio Lower Upper

149 100

167 27.7 22.9 34.3

279 4.4 3.2 4.8

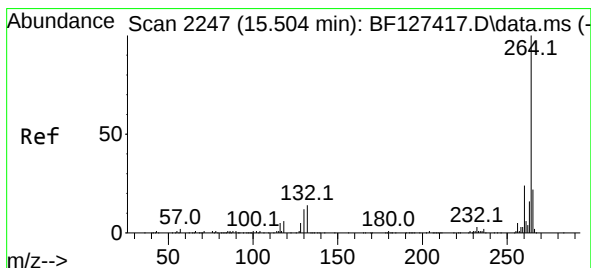
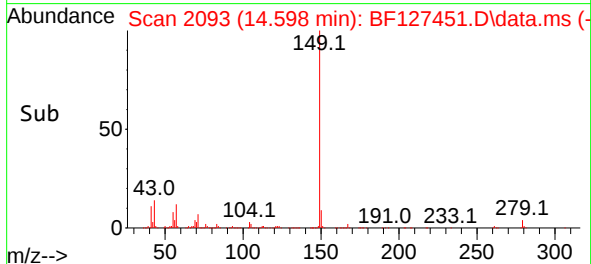
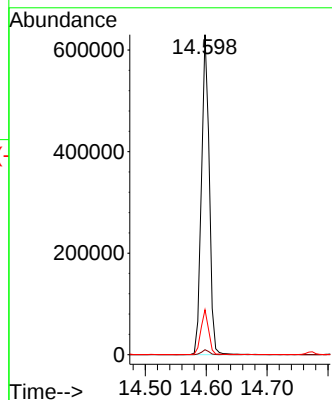
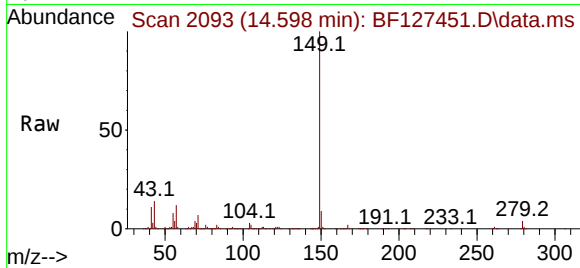




#85
Di-n-octyl phthalate
Concen: 52.438 ng
RT: 14.598 min Scan# 2093
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

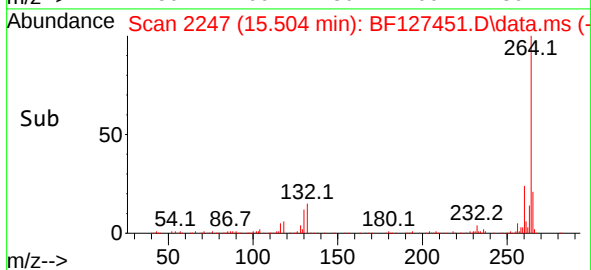
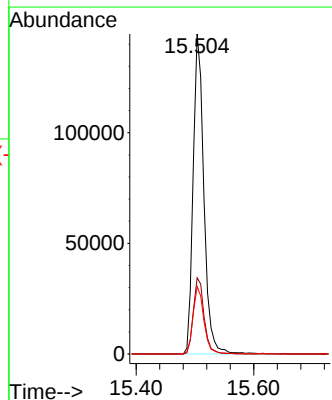
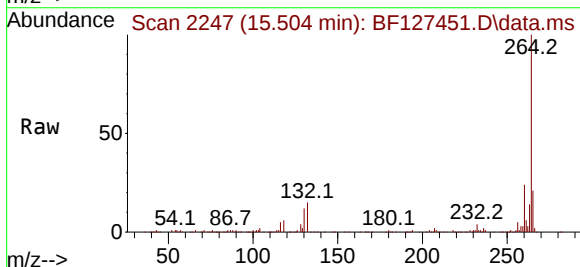
Instrument :
BNA_F
ClientSampleId :
PB143450BSD

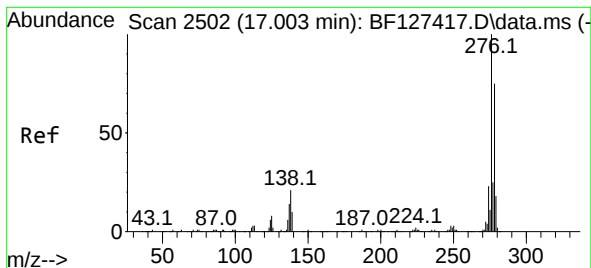
Tgt Ion:149 Resp: 564230
Ion Ratio Lower Upper
149 100
167 1.5 1.3 1.9
43 14.0 11.0 16.6



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 2247
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion:264 Resp: 183985
Ion Ratio Lower Upper
264 100
260 23.8 19.1 28.7
265 21.0 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 46.513 ng

RT: 17.010 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB143450BSD

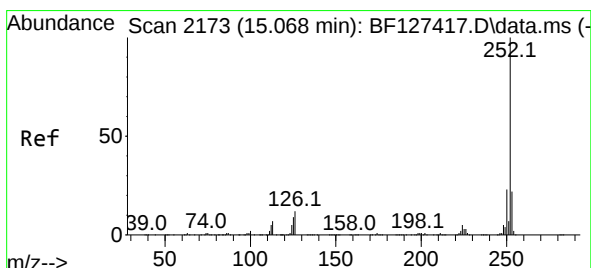
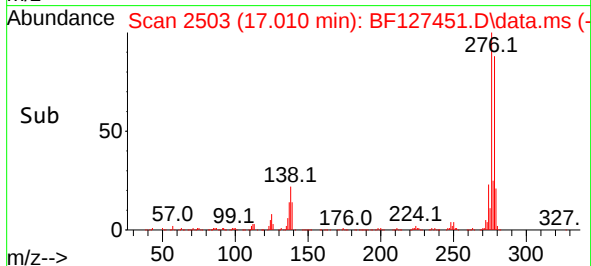
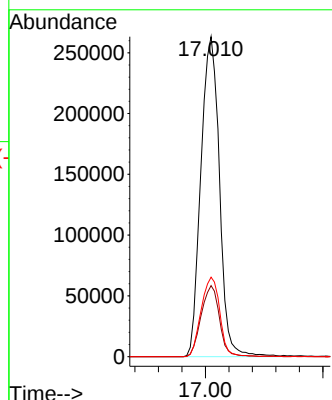
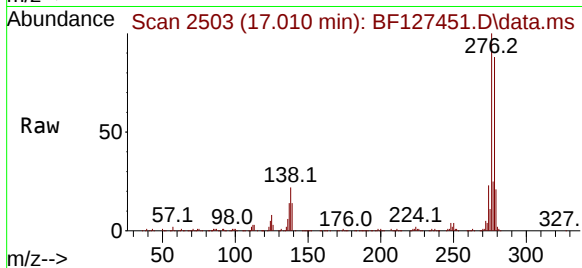
Tgt Ion:276 Resp: 579064

Ion Ratio Lower Upper

276 100

138 21.9 17.1 25.7

277 25.0 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 47.213 ng

RT: 15.074 min Scan# 2174

Delta R.T. 0.006 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

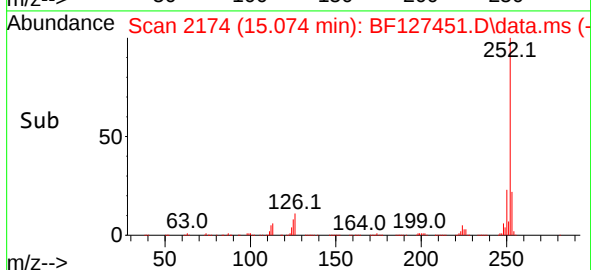
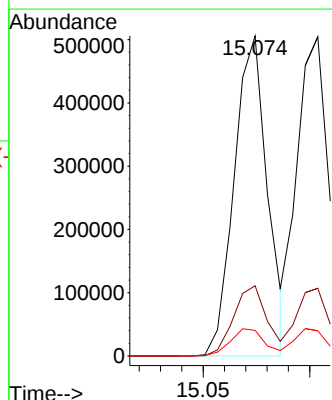
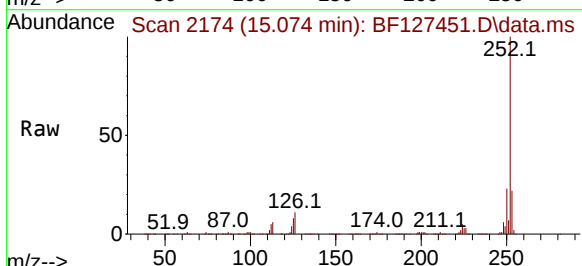
Tgt Ion:252 Resp: 547701

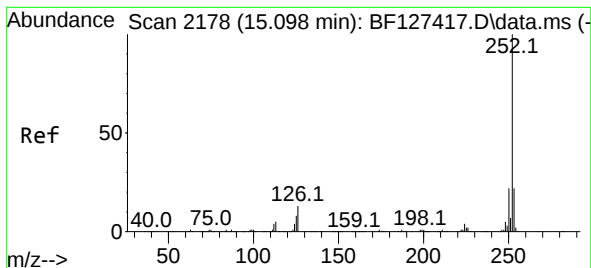
Ion Ratio Lower Upper

252 100

253 21.9 17.9 26.9

125 8.0 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 45.222 ng

RT: 15.104 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

Instrument :

BNA_F

ClientSampleId :

PB143450BSD

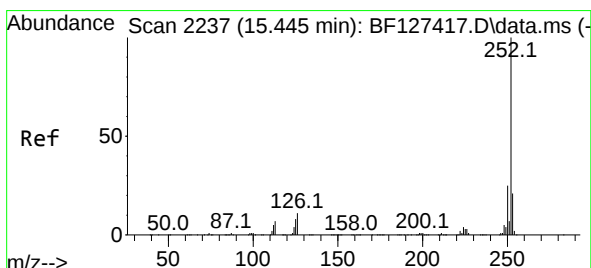
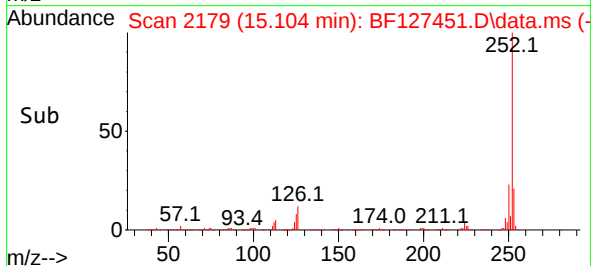
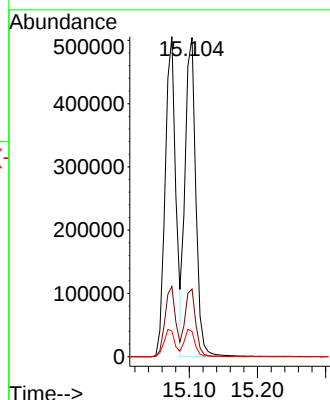
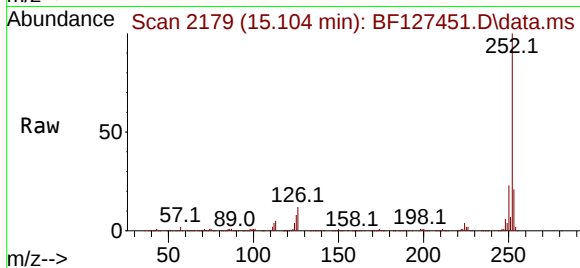
Tgt Ion:252 Resp: 543843

Ion Ratio Lower Upper

252 100

253 21.2 17.3 25.9

125 7.9 6.9 10.3



#90

Benzo(a)pyrene

Concen: 55.257 ng

RT: 15.445 min Scan# 2237

Delta R.T. 0.000 min

Lab File: BF127451.D

Acq: 22 Mar 2022 14:43

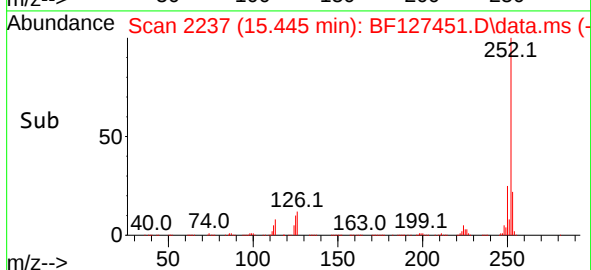
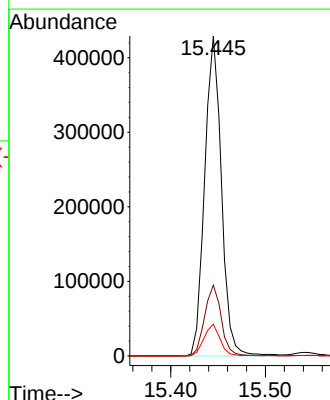
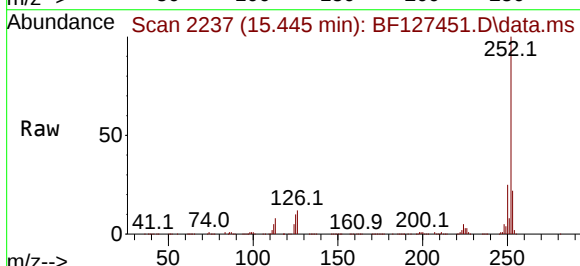
Tgt Ion:252 Resp: 526069

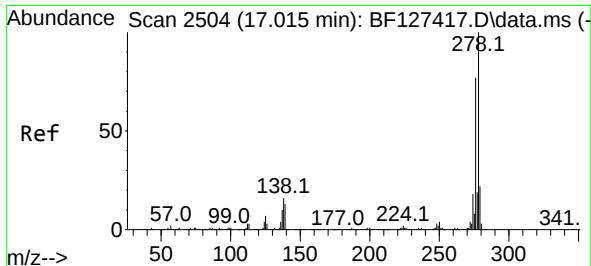
Ion Ratio Lower Upper

252 100

253 22.1 17.0 25.6

125 9.9 6.7 10.1

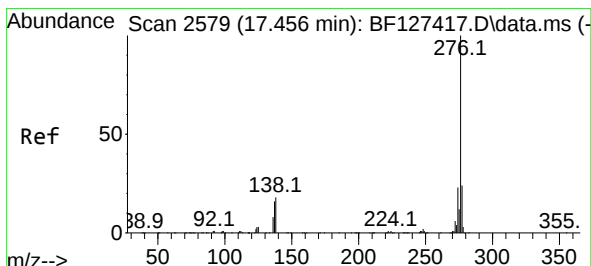
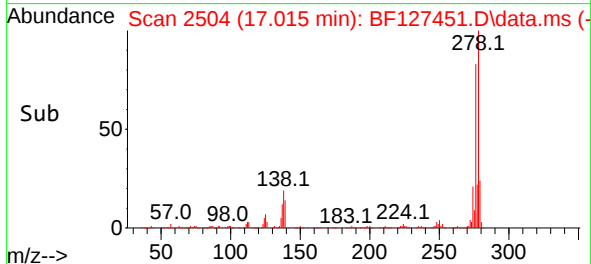
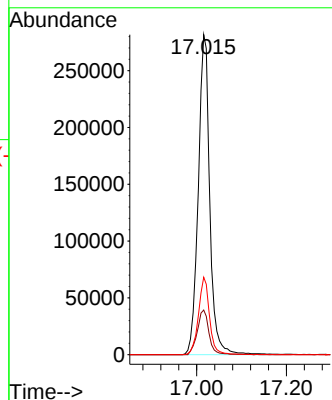
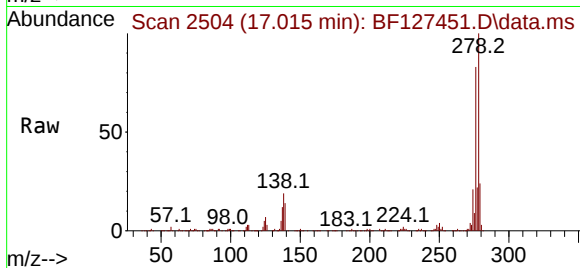




#91
Dibenzo(a,h)anthracene
Concen: 48.791 ng
RT: 17.015 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Instrument :
BNA_F
ClientSampleId :
PB143450BSD

Tgt Ion:278 Resp: 501493
Ion Ratio Lower Upper
278 100
139 14.0 10.8 16.2
279 24.2 17.7 26.5



#92
Benzo(g,h,i)perylene
Concen: 46.763 ng
RT: 17.462 min Scan# 2580
Delta R.T. 0.006 min
Lab File: BF127451.D
Acq: 22 Mar 2022 14:43

Tgt Ion:276 Resp: 496810
Ion Ratio Lower Upper
276 100
277 23.9 19.0 28.4
138 19.2 14.6 22.0

