

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
 Data File : BF127559.D
 Acq On : 29 Mar 2022 12:06
 Operator : CG\JU
 Sample : PB143673BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB143673BS

Quant Time: Mar 29 15:53:59 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 29 07:13:31 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	122623	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	473622	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	275221	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	483507	20.000	ng	0.00
76) Chrysene-d12	14.016	240	334226	20.000	ng	0.00
86) Perylene-d12	15.492	264	245352	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.469	112	889440	115.781	ng	0.01
7) Phenol-d6	6.487	99	1202395	114.505	ng	0.00
23) Nitrobenzene-d5	7.410	82	839047	75.726	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	322584	110.029	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	1371128	72.748	ng	0.00
79) Terphenyl-d14	12.951	244	1557731	76.297	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.669	88	111207	32.960	ng	94
3) Pyridine	3.457	79	265998	27.932	ng	98
4) n-Nitrosodimethylamine	3.410	42	223494	42.744	ng	98
6) Aniline	6.504	93	483280	38.567	ng	# 78
8) 2-Chlorophenol	6.628	128	362342	46.156	ng	99
9) Benzaldehyde	6.393	77	229264	43.146	ng	97
10) Phenol	6.498	94	486429	42.536	ng	80
11) bis(2-Chloroethyl)ether	6.575	93	389046	46.493	ng	99
12) 1,3-Dichlorobenzene	6.775	146	356203	40.342	ng	97
13) 1,4-Dichlorobenzene	6.851	146	357042	40.200	ng	98
14) 1,2-Dichlorobenzene	7.004	146	336093	38.853	ng	100
15) Benzyl Alcohol	6.987	79	359000	47.042	ng	97
16) 2,2'-oxybis(1-Chloropr...	7.110	45	655804	43.553	ng	89
17) 2-Methylphenol	7.098	107	294047	44.383	ng	# 93
18) Hexachloroethane	7.340	117	137639	42.331	ng	97
19) n-Nitroso-di-n-propyla...	7.257	70	278158	44.192	ng	99
20) 3+4-Methylphenols	7.251	107	344805	42.195	ng	89
22) Acetophenone	7.251	105	481905	39.804	ng	98
24) Nitrobenzene	7.428	77	445982	42.206	ng	99
25) Isophorone	7.663	82	822842	46.627	ng	99
26) 2-Nitrophenol	7.740	139	187738	42.363	ng	99
27) 2,4-Dimethylphenol	7.781	122	318403	47.763	ng	95
28) bis(2-Chloroethoxy)met...	7.869	93	481994	42.045	ng	99
29) 2,4-Dichlorophenol	7.987	162	318976	42.149	ng	97
30) 1,2,4-Trichlorobenzene	8.057	180	347454	39.400	ng	98
31) Naphthalene	8.139	128	1022048	40.646	ng	99
32) Benzoic acid	7.951	122	174282	45.805	ng	91
33) 4-Chloroaniline	8.198	127	260269	26.711	ng	98
34) Hexachlorobutadiene	8.245	225	216607	38.680	ng	98
35) Caprolactam	8.592	113	56470	24.204	ng	94
36) 4-Chloro-3-methylphenol	8.687	107	355795	43.332	ng	97
37) 2-Methylnaphthalene	8.834	142	678750	41.979	ng	100
38) 1-Methylnaphthalene	8.934	142	639774	40.016	ng	99
40) 1,2,4,5-Tetrachloroben...	8.998	216	350623	40.067	ng	98
41) Hexachlorocyclopentadiene	8.975	237	245810	80.888	ng	96
43) 2,4,6-Trichlorophenol	9.116	196	216200	40.873	ng	97

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 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

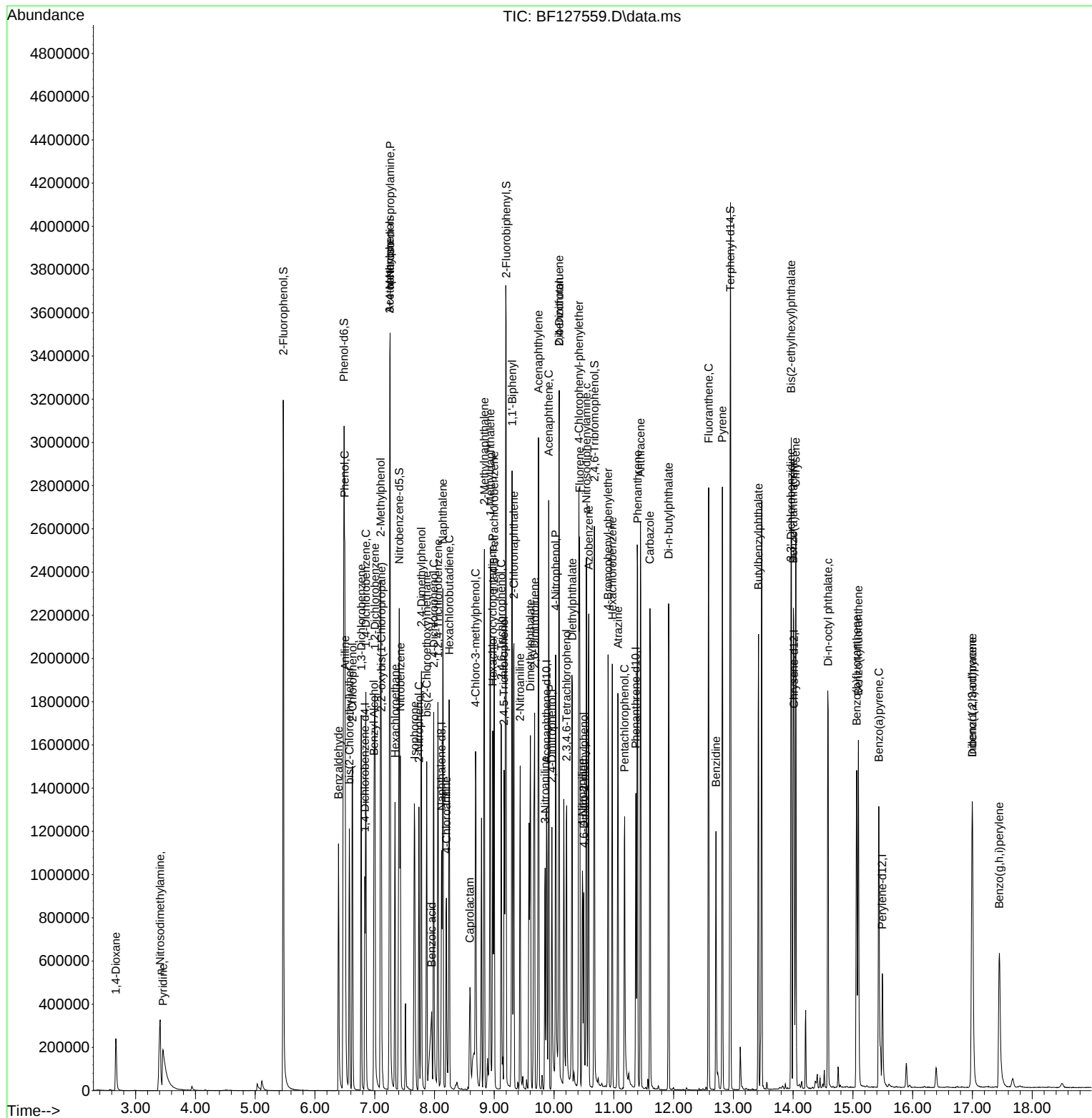
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.163	196	228196	41.909	ng	98
46) 1,1'-Biphenyl	9.298	154	826268	39.750	ng	99
47) 2-Chloronaphthalene	9.328	162	649809	39.698	ng	100
48) 2-Nitroaniline	9.434	65	264712	42.196	ng	97
49) Acenaphthylene	9.739	152	997330	40.303	ng	99
50) Dimethylphthalate	9.604	163	802393	41.908	ng	99
51) 2,6-Dinitrotoluene	9.675	165	169933	42.281	ng	100
52) Acenaphthene	9.910	154	589435	40.825	ng	98
53) 3-Nitroaniline	9.851	138	135557	30.747	ng	97
54) 2,4-Dinitrophenol	9.963	184	150412	74.787	ng	91
55) Dibenzofuran	10.086	168	834139	39.645	ng	99
56) 4-Nitrophenol	10.028	139	169711	75.632	ng	97
57) 2,4-Dinitrotoluene	10.086	165	208660	40.335	ng	95
58) Fluorene	10.428	166	700165	41.682	ng	100
59) 2,3,4,6-Tetrachlorophenol	10.210	232	188980	39.255	ng	98
60) Diethylphthalate	10.304	149	720862	41.221	ng	99
61) 4-Chlorophenyl-phenyle...	10.416	204	369197	37.309	ng	98
62) 4-Nitroaniline	10.475	138	168966	40.916	ng	99
63) Azobenzene	10.581	77	832117	40.326	ng	100
65) 4,6-Dinitro-2-methylph...	10.498	198	117612	39.532	ng	96
66) n-Nitrosodiphenylamine	10.539	169	616206	41.867	ng	99
67) 4-Bromophenyl-phenylether	10.904	248	233539	41.371	ng	# 92
68) Hexachlorobenzene	10.975	284	261583	42.452	ng	98
69) Atrazine	11.069	200	238126	48.599	ng	97
70) Pentachlorophenol	11.180	266	188885	79.445	ng	98
71) Phenanthrene	11.398	178	1022884	40.579	ng	99
72) Anthracene	11.445	178	1043452	41.713	ng	98
73) Carbazole	11.604	167	933645	39.028	ng	99
74) Di-n-butylphthalate	11.916	149	1097876	44.337	ng	99
75) Fluoranthene	12.586	202	1133451	40.882	ng	99
77) Benzidine	12.710	184	445936	55.957	ng	98
78) Pyrene	12.816	202	1144374	39.896	ng	99
80) Butylbenzylphthalate	13.422	149	433400	45.908	ng	96
81) Benzo(a)anthracene	14.004	228	913847	40.886	ng	98
82) 3,3'-Dichlorobenzidine	13.963	252	211222	32.154	ng	97
83) Chrysene	14.045	228	867154	40.971	ng	99
84) Bis(2-ethylhexyl)phtha...	13.969	149	548972	50.305	ng	100
85) Di-n-octyl phthalate	14.586	149	849439	58.493	ng	100
87) Indeno(1,2,3-cd)pyrene	16.998	276	629473	37.915	ng	98
88) Benzo(b)fluoranthene	15.063	252	687847	44.463	ng	99
89) Benzo(k)fluoranthene	15.092	252	700306	43.667	ng	99
90) Benzo(a)pyrene	15.433	252	650377	51.227	ng	97
91) Dibenzo(a,h)anthracene	16.998	278	554297	40.440	ng	97
92) Benzo(g,h,i)perylene	17.451	276	563390	39.766	ng	98

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

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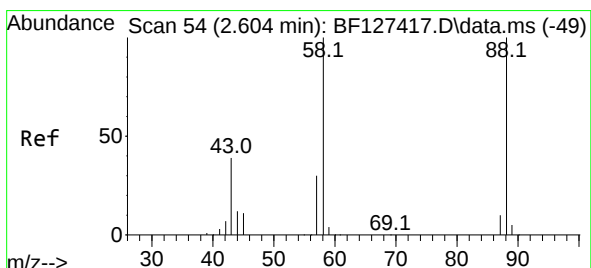
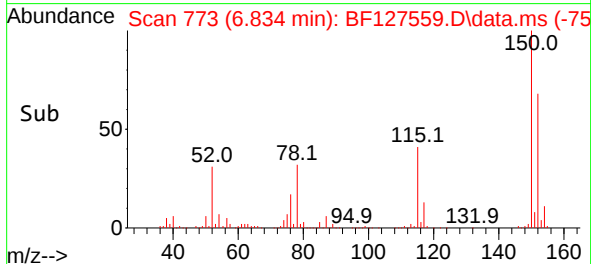
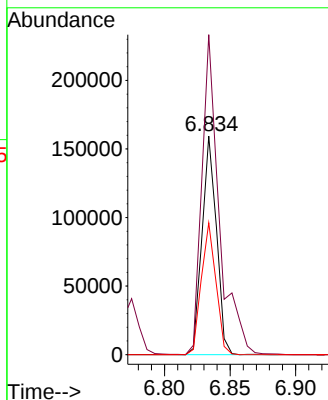
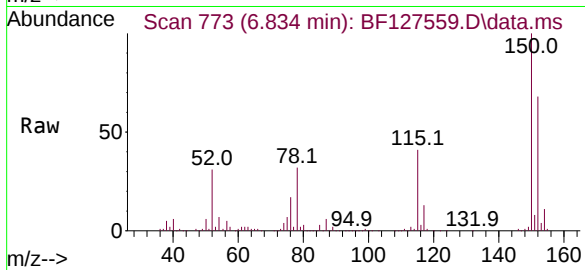




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.834 min Scan# 71
 Delta R.T. 0.001 min
 Lab File: BF127559.D
 Acq: 29 Mar 2022 12:06

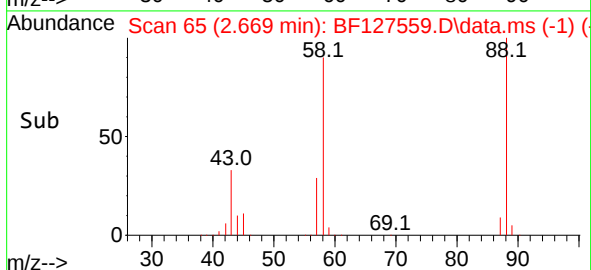
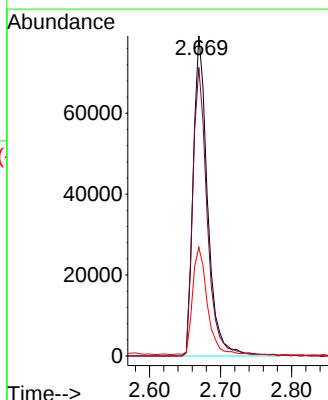
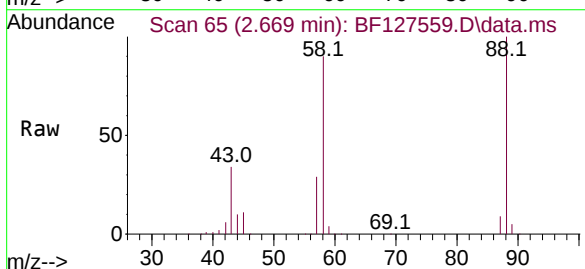
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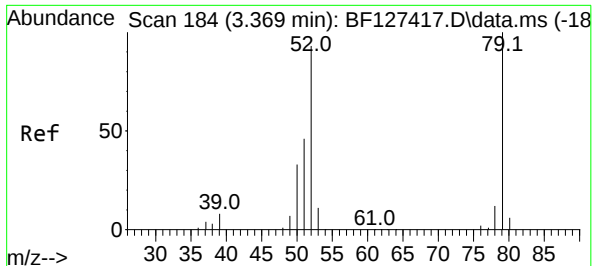
Tgt Ion:152 Resp: 122623
 Ion Ratio Lower Upper
 152 100
 150 146.4 117.2 175.8
 115 60.4 49.8 74.6



#2
 1,4-Dioxane
 Concen: 32.960 ng
 RT: 2.669 min Scan# 65
 Delta R.T. 0.083 min
 Lab File: BF127559.D
 Acq: 29 Mar 2022 12:06

Tgt Ion: 88 Resp: 111207
 Ion Ratio Lower Upper
 88 100
 58 91.5 77.0 115.4
 43 34.6 31.3 46.9

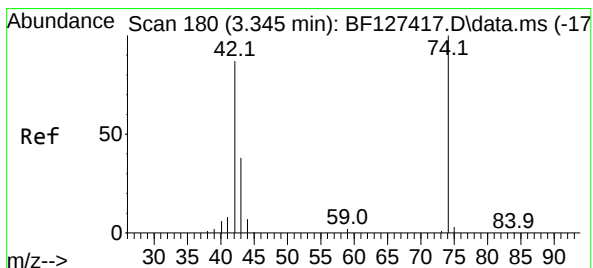
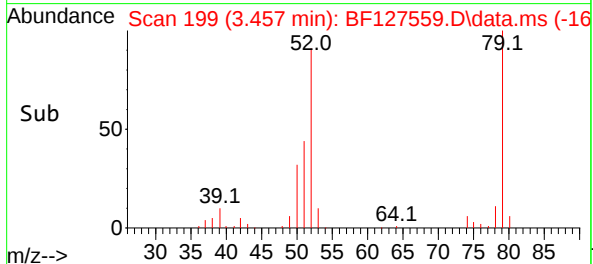
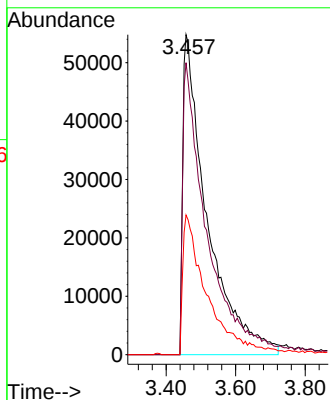
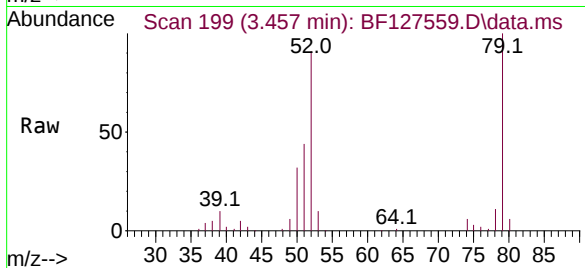




#3
Pyridine
Concen: 27.932 ng
RT: 3.457 min Scan# 190
Delta R.T. 0.112 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

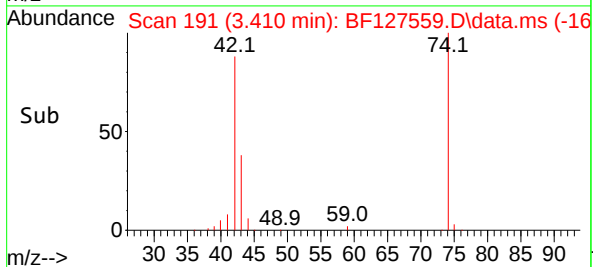
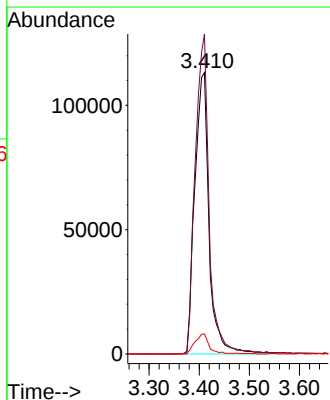
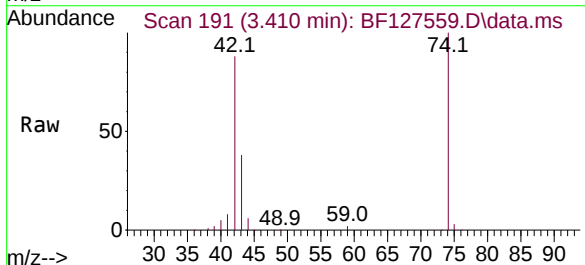
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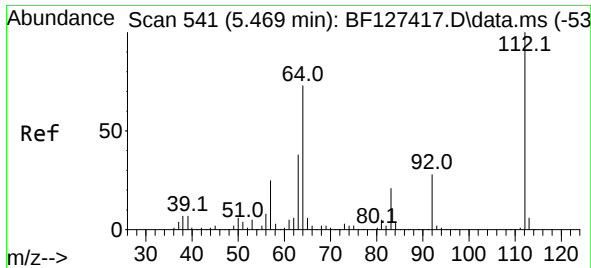
Tgt Ion: 79 Resp: 265998
Ion Ratio Lower Upper
79 100
52 91.2 74.2 111.4
51 43.7 36.7 55.1



#4
n-Nitrosodimethylamine
Concen: 42.744 ng
RT: 3.410 min Scan# 191
Delta R.T. 0.083 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion: 42 Resp: 223494
Ion Ratio Lower Upper
42 100
74 113.7 92.4 138.6
44 7.1 6.0 9.0

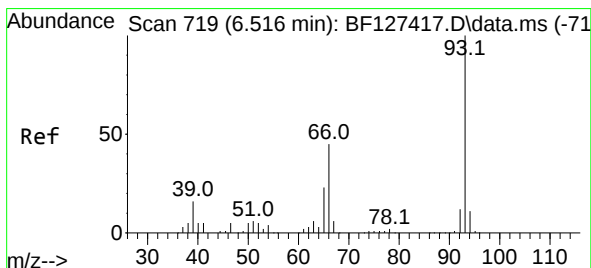
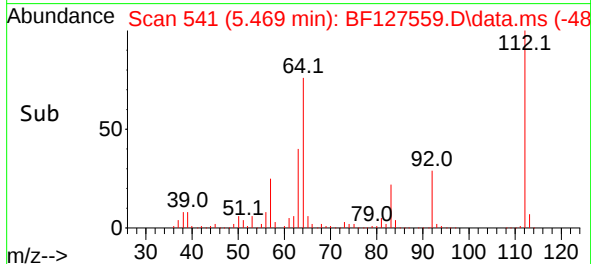
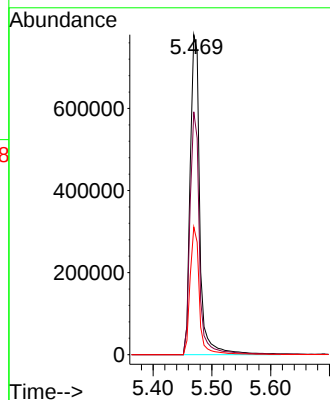
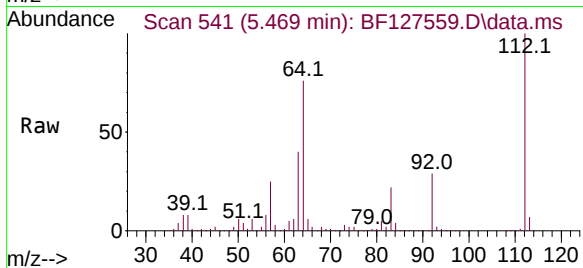




#5
2-Fluorophenol
Concen: 115.781 ng
RT: 5.469 min Scan# 541
Delta R.T. 0.012 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

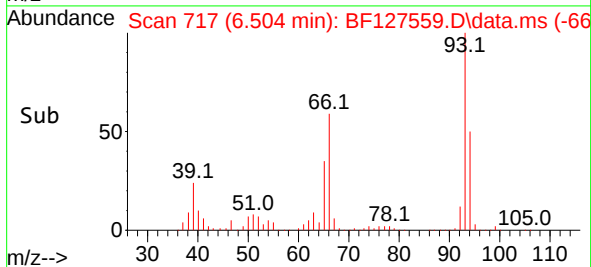
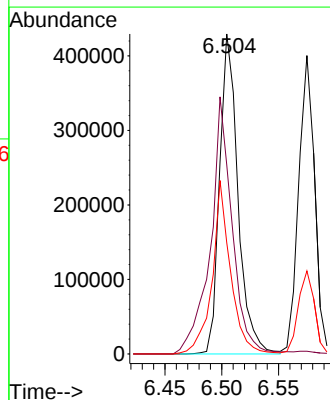
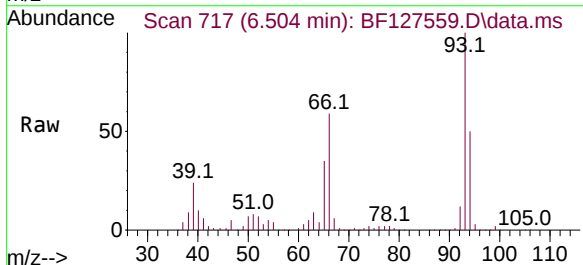
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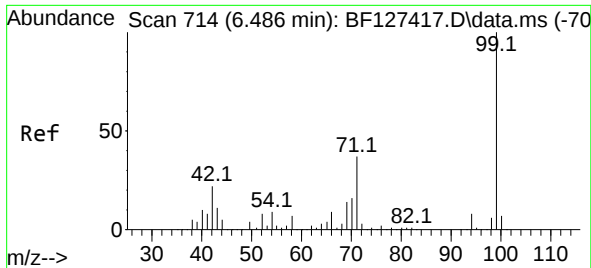
Tgt Ion:112 Resp: 889440
Ion Ratio Lower Upper
112 100
64 75.9 58.4 87.6
63 39.9 30.1 45.1



#6
Aniline
Concen: 38.567 ng
RT: 6.504 min Scan# 717
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion: 93 Resp: 483280
Ion Ratio Lower Upper
93 100
66 59.0 36.2 54.4#
65 34.8 18.4 27.6#

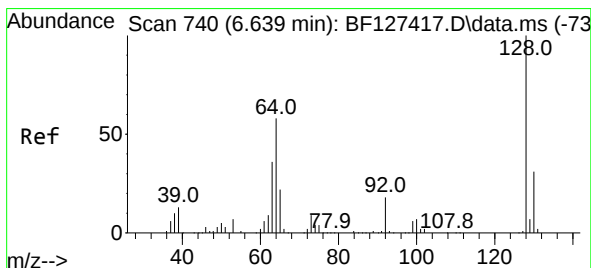
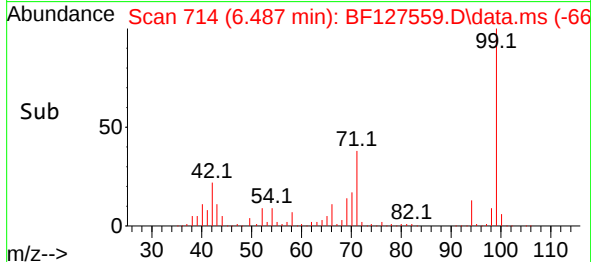
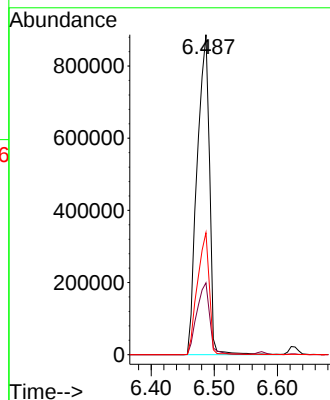
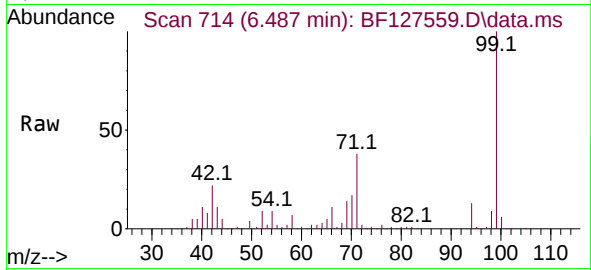




#7
Phenol-d6
Concen: 114.505 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

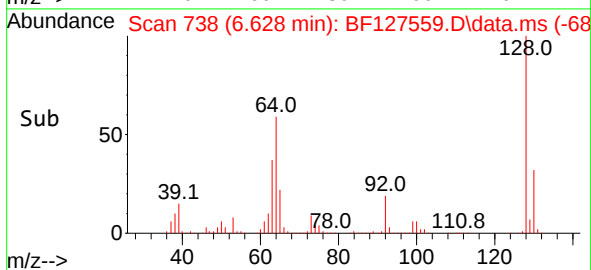
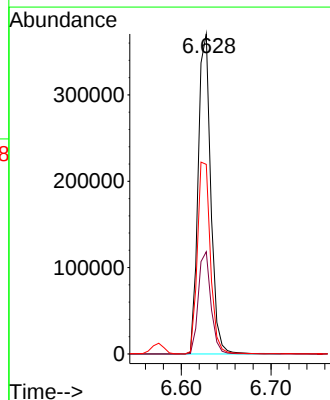
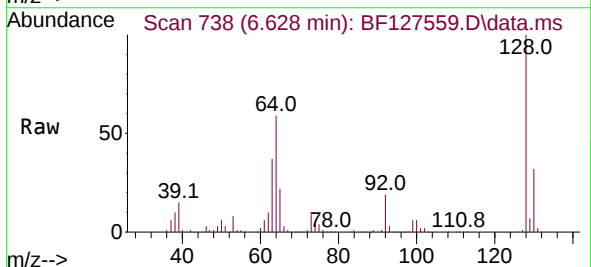
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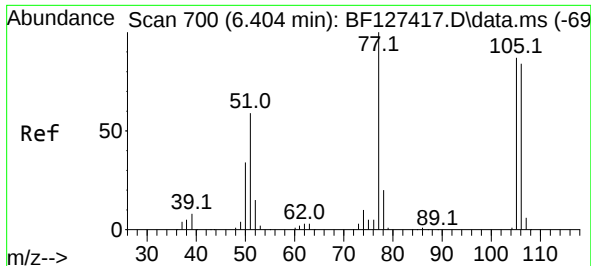
Tgt Ion: 99 Resp: 1202395
Ion Ratio Lower Upper
99 100
42 22.4 17.8 26.6
71 38.1 29.6 44.4



#8
2-Chlorophenol
Concen: 46.156 ng
RT: 6.628 min Scan# 738
Delta R.T. 0.006 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion:128 Resp: 362342
Ion Ratio Lower Upper
128 100
130 32.0 11.3 51.3
64 59.3 38.4 78.4

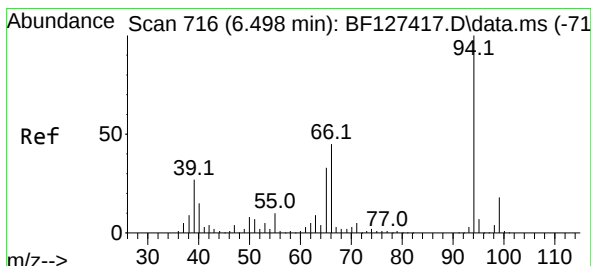
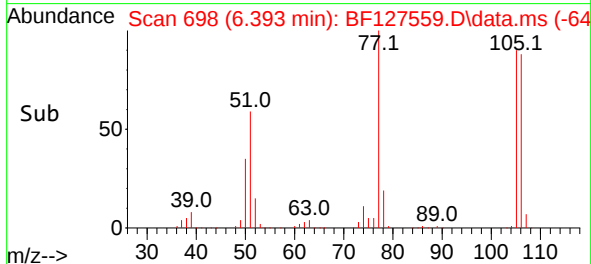
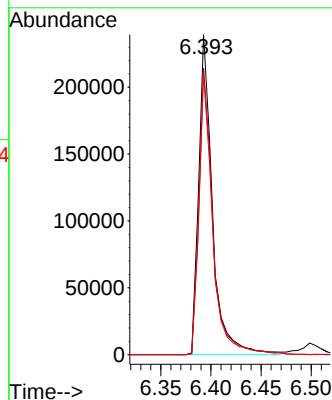
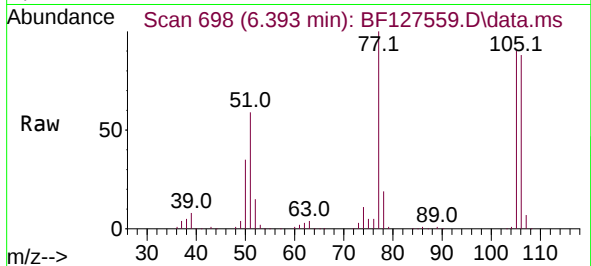




#9
Benzaldehyde
Concen: 43.146 ng
RT: 6.393 min Scan# 698
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

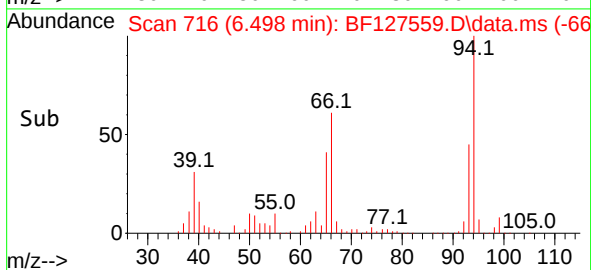
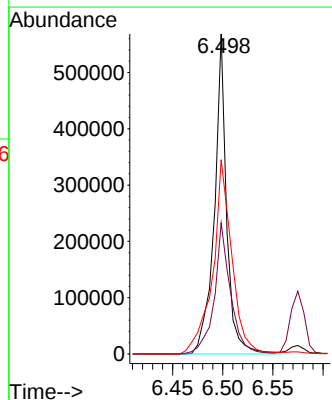
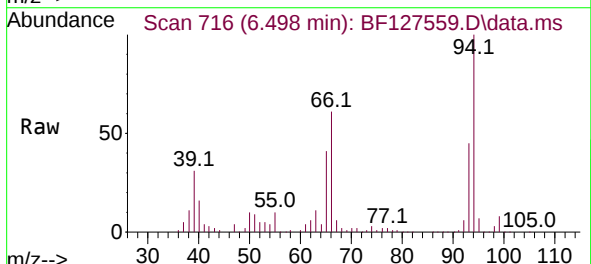
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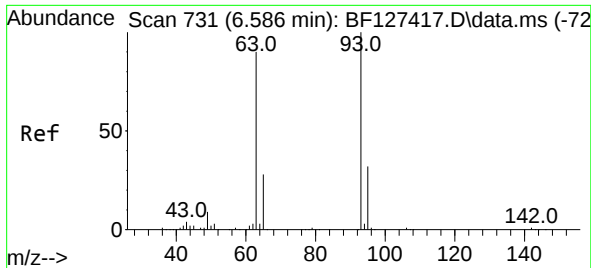
Tgt Ion: 77 Resp: 229264
Ion Ratio Lower Upper
77 100
105 89.6 66.8 106.8
106 87.9 64.3 104.3



#10
Phenol
Concen: 42.536 ng
RT: 6.498 min Scan# 716
Delta R.T. 0.006 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion: 94 Resp: 486429
Ion Ratio Lower Upper
94 100
65 40.9 13.1 53.1
66 60.7 24.9 64.9

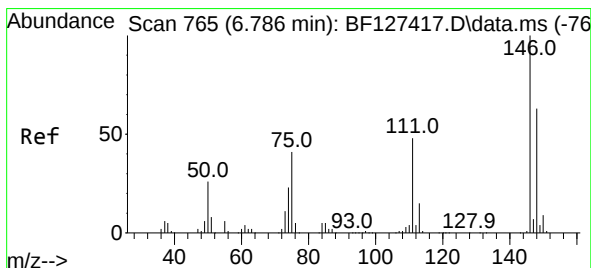
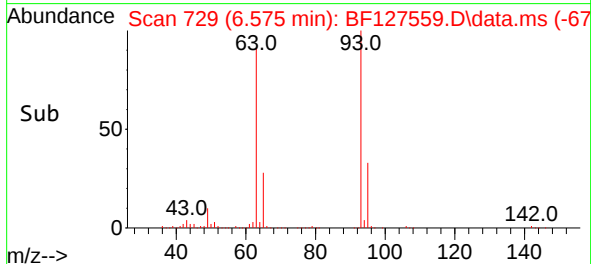
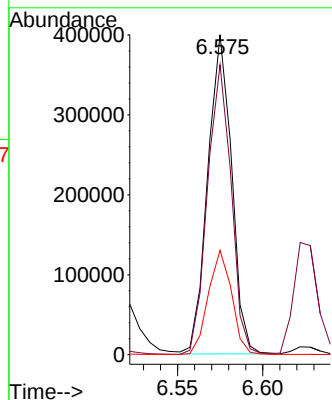
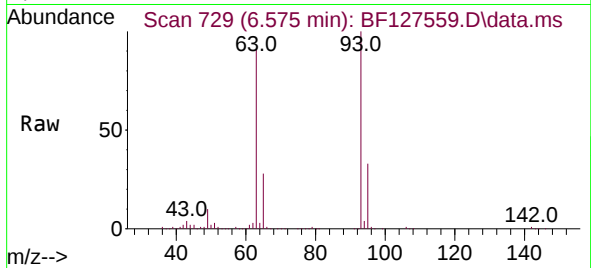




#11
bis(2-Chloroethyl)ether
Concen: 46.493 ng
RT: 6.575 min Scan# 711
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

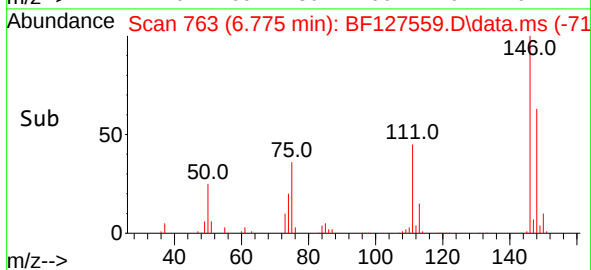
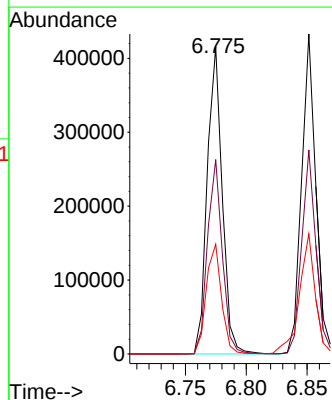
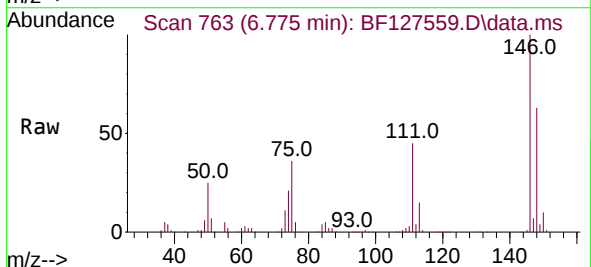
Instrument :
BNA_F
ClientSampleId :
PB143673BS

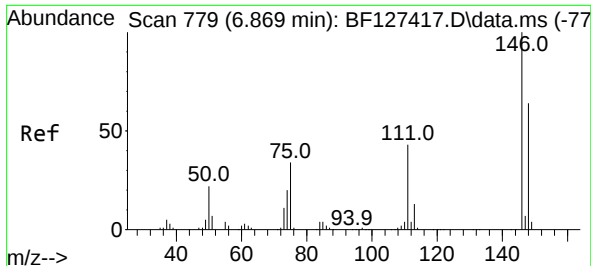
Tgt Ion: 93 Resp: 389046
Ion Ratio Lower Upper
93 100
63 90.6 69.6 109.6
95 32.6 11.6 51.6



#12
1,3-Dichlorobenzene
Concen: 40.342 ng
RT: 6.775 min Scan# 763
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion:146 Resp: 356203
Ion Ratio Lower Upper
146 100
148 63.3 50.6 76.0
75 35.8 32.4 48.6

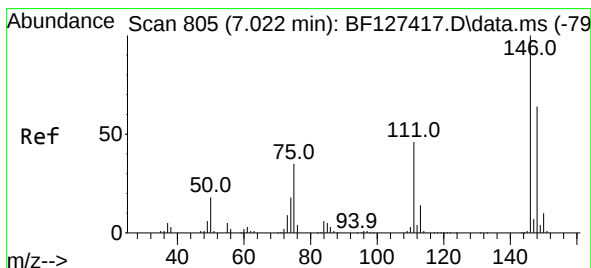
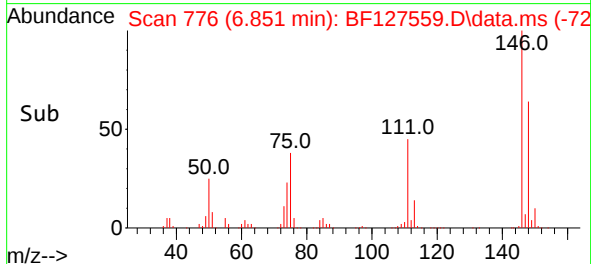
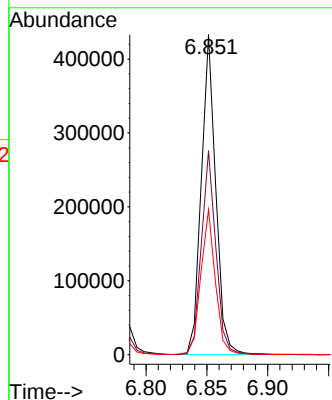
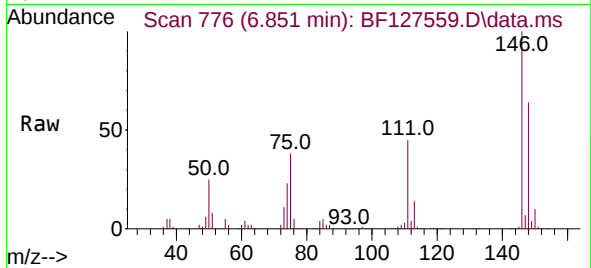




#13
1,4-Dichlorobenzene
Concen: 40.200 ng
RT: 6.851 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

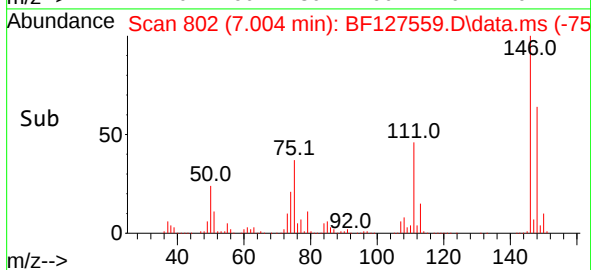
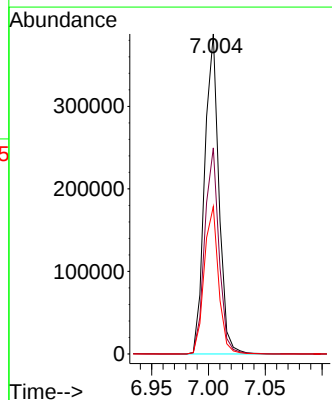
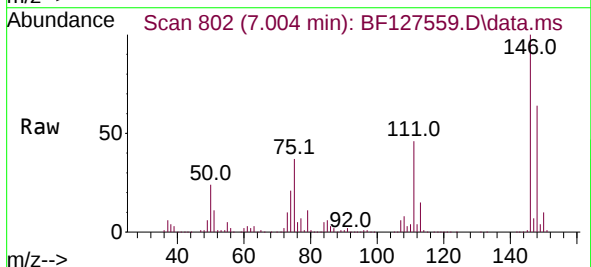
Instrument :
BNA_F
ClientSampleId :
PB143673BS

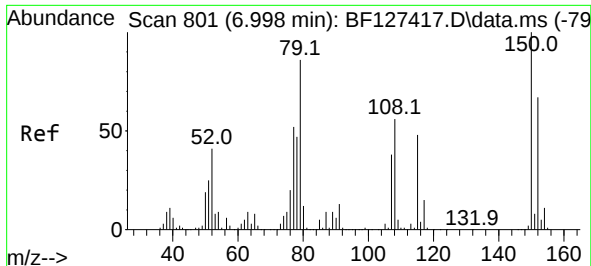
Tgt Ion:146 Resp: 357042
Ion Ratio Lower Upper
146 100
148 63.7 51.3 76.9
111 45.3 34.2 51.4



#14
1,2-Dichlorobenzene
Concen: 38.853 ng
RT: 7.004 min Scan# 802
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion:146 Resp: 336093
Ion Ratio Lower Upper
146 100
148 64.4 51.4 77.2
111 46.1 36.4 54.6

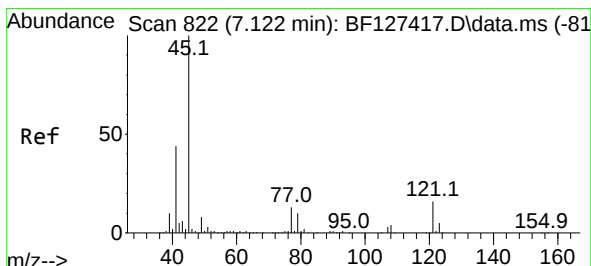
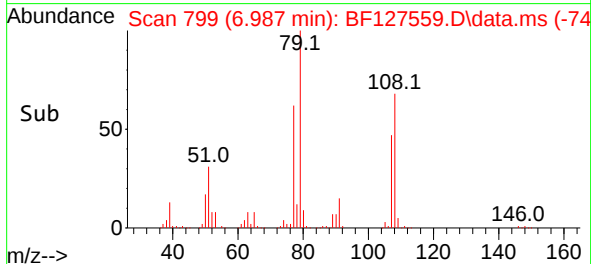
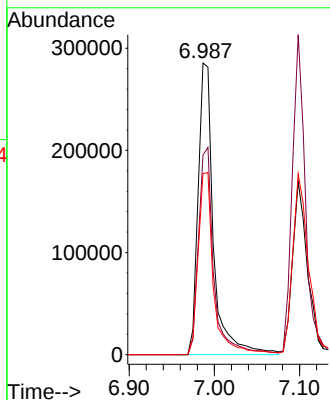
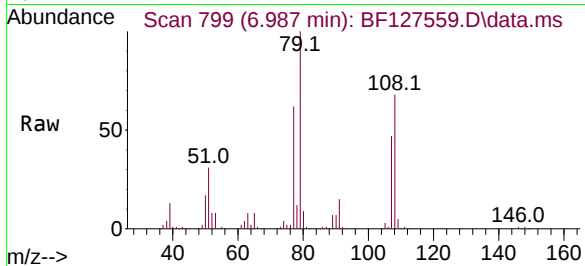




#15
Benzyl Alcohol
Concen: 47.042 ng
RT: 6.987 min Scan# 79
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

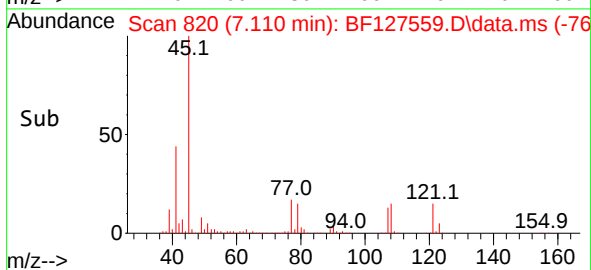
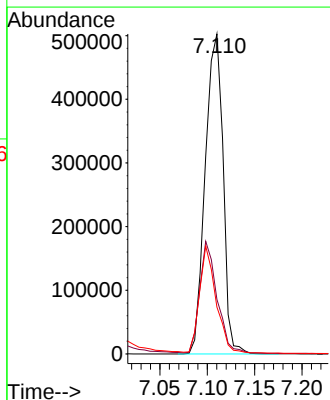
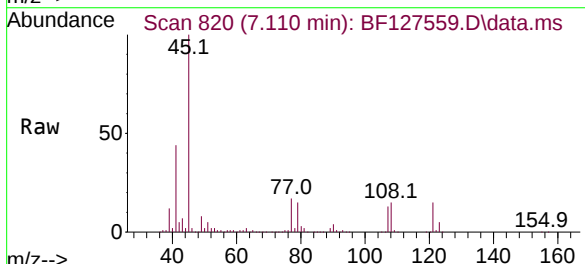
Instrument :
BNA_F
ClientSampleId :
PB143673BS

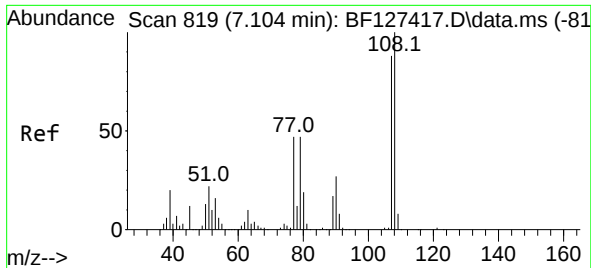
Tgt Ion: 79 Resp: 359000
Ion Ratio Lower Upper
79 100
108 68.5 52.2 78.2
77 62.1 48.3 72.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 43.553 ng
RT: 7.110 min Scan# 820
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion: 45 Resp: 655804
Ion Ratio Lower Upper
45 100
77 17.0 0.0 32.9
79 14.6 0.0 29.9

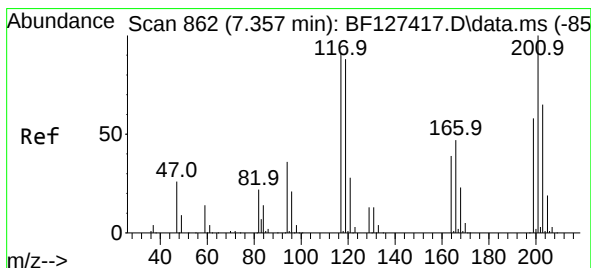
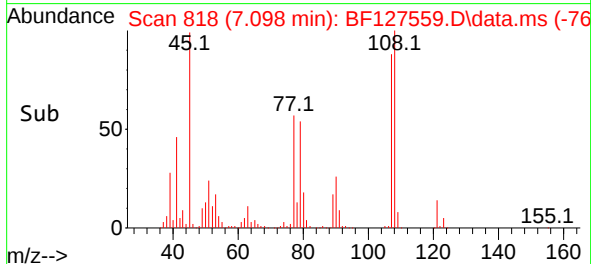
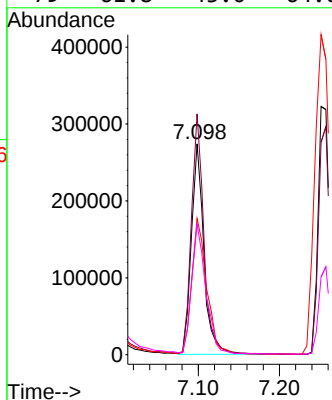
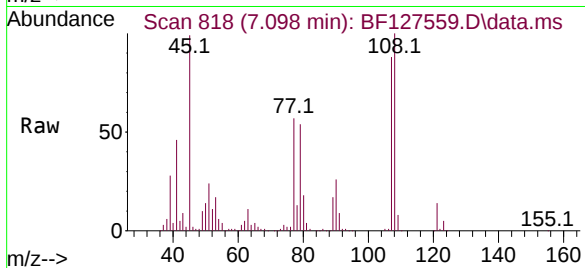




#17
2-Methylphenol
Concen: 44.383 ng
RT: 7.098 min Scan# 819
Delta R.T. 0.006 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

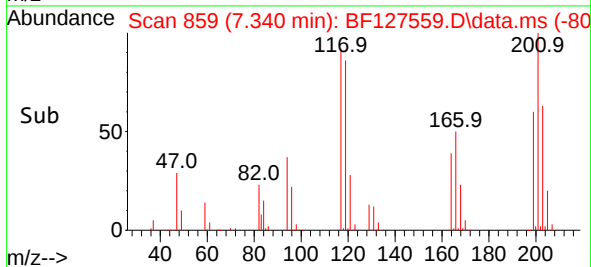
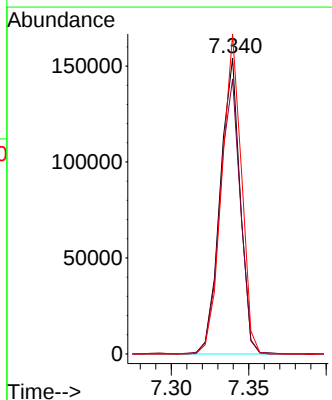
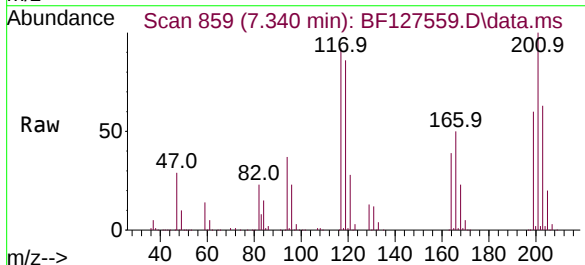
Instrument :
BNA_F
ClientSampleId :
PB143673BS

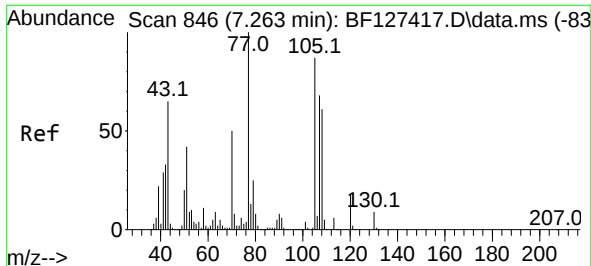
Tgt Ion:107 Resp: 294047
Ion Ratio Lower Upper
107 100
108 114.2 90.7 136.1
77 64.6 42.9 64.3#
79 61.8 43.0 64.6



#18
Hexachloroethane
Concen: 42.331 ng
RT: 7.340 min Scan# 859
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion:117 Resp: 137639
Ion Ratio Lower Upper
117 100
119 93.0 77.6 116.4
201 108.2 88.2 132.2





#19

n-Nitroso-di-n-propylamine

Concen: 44.192 ng

RT: 7.257 min Scan# 84

Delta R.T. 0.006 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

Instrument :

BNA_F

ClientSampleId :

PB143673BS

Tgt Ion: 70 Resp: 278158

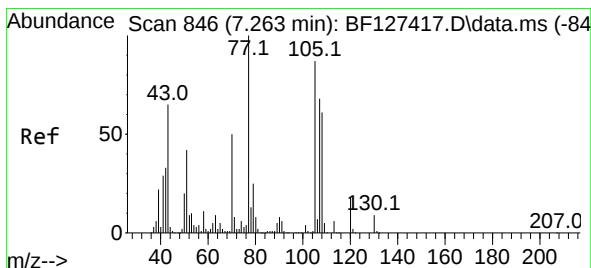
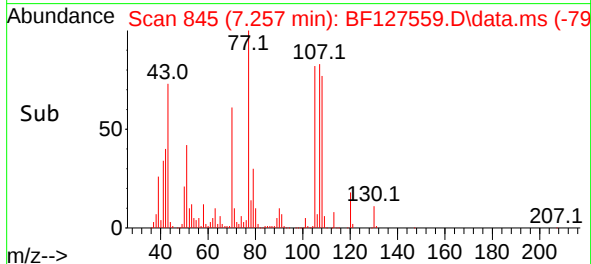
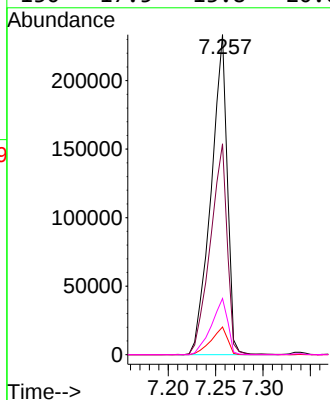
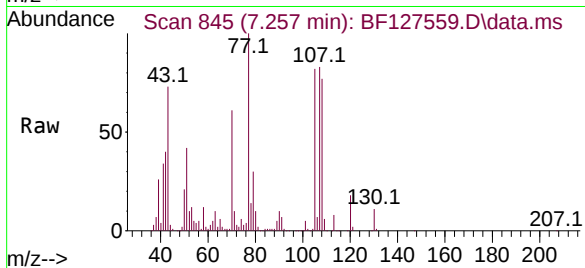
Ion Ratio Lower Upper

70 100

42 65.9 53.0 79.6

101 8.6 6.8 10.2

130 17.5 13.8 20.6



#20

3+4-Methylphenols

Concen: 42.195 ng

RT: 7.251 min Scan# 844

Delta R.T. 0.000 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

Tgt Ion:107 Resp: 344805

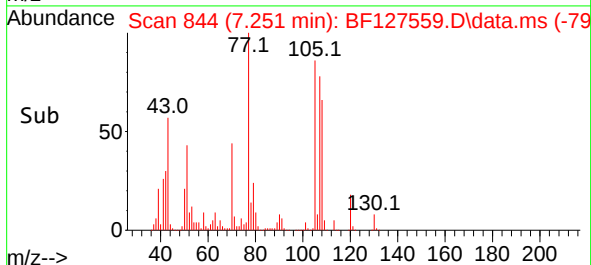
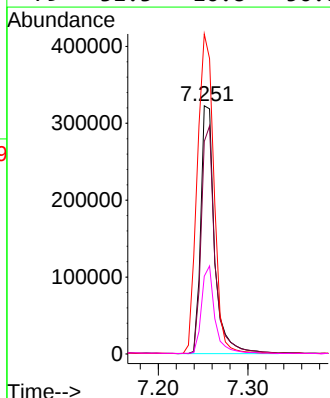
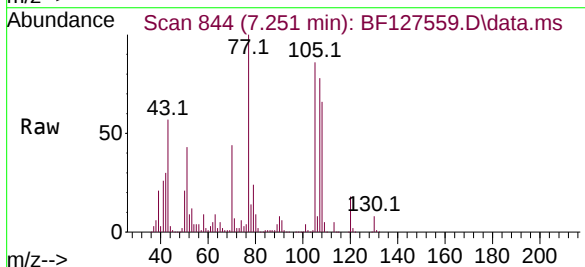
Ion Ratio Lower Upper

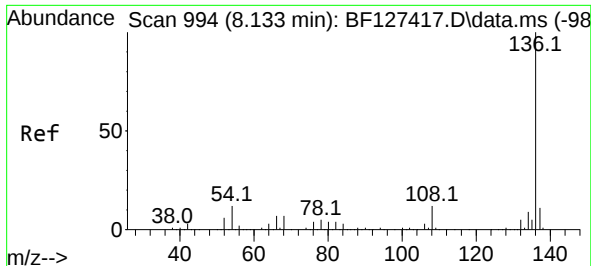
107 100

108 85.7 70.7 110.7

77 129.0 127.9 167.9

79 31.3 16.8 56.8

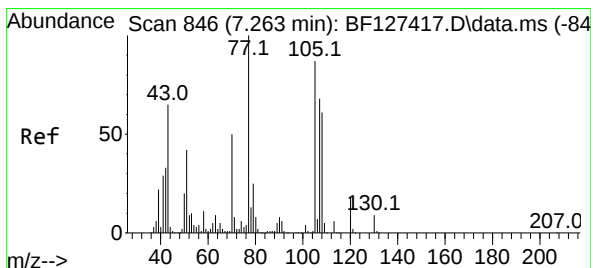
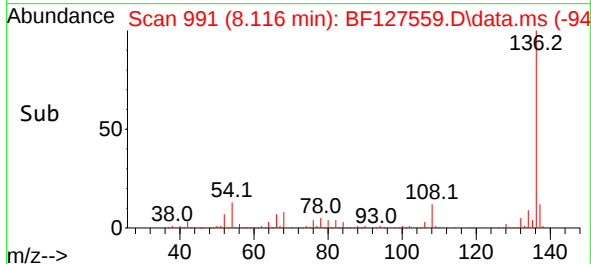
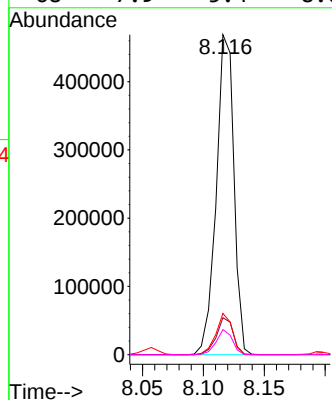
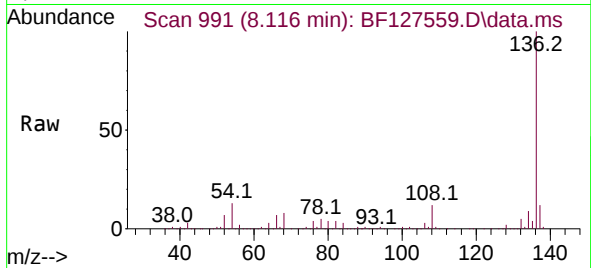




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

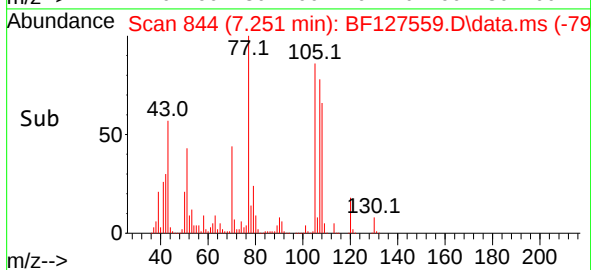
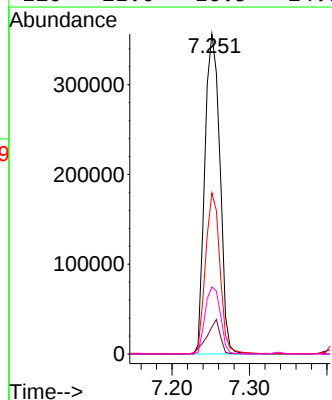
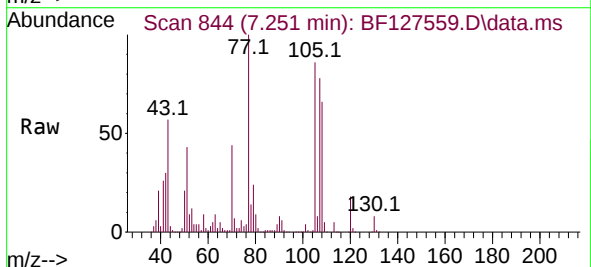
Instrument :
BNA_F
ClientSampleId :
PB143673BS

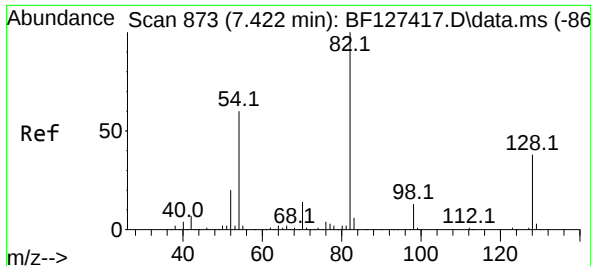
Tgt Ion:136 Resp: 473622
Ion Ratio Lower Upper
136 100
137 11.6 8.6 13.0
54 12.9 9.2 13.8
68 7.9 5.4 8.0



#22
Acetophenone
Concen: 39.804 ng
RT: 7.251 min Scan# 844
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion:105 Resp: 481905
Ion Ratio Lower Upper
105 100
71 8.5 7.3 10.9
51 50.4 38.8 58.2
120 21.0 16.5 24.7





#23

Nitrobenzene-d5

Concen: 75.726 ng

RT: 7.410 min Scan# 81

Delta R.T. 0.000 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

Instrument :

BNA_F

ClientSampleId :

PB143673BS

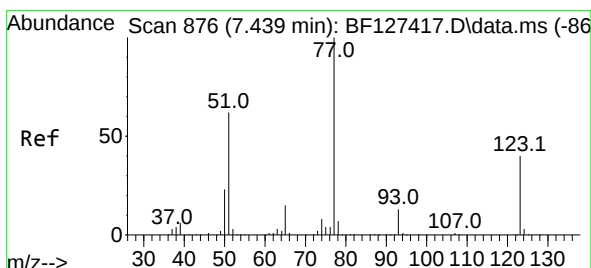
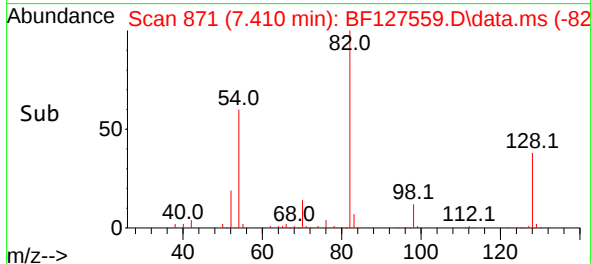
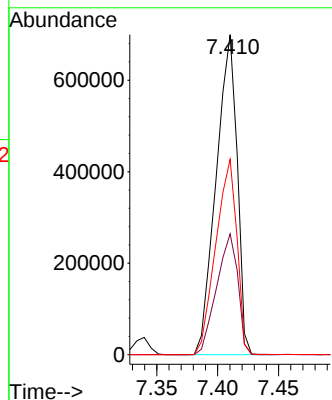
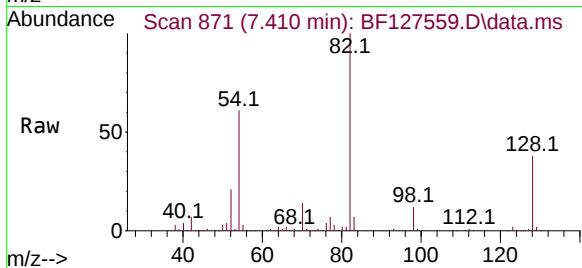
Tgt Ion: 82 Resp: 839047

Ion Ratio Lower Upper

82 100

128 37.7 30.6 45.8

54 61.1 48.2 72.2



#24

Nitrobenzene

Concen: 42.206 ng

RT: 7.428 min Scan# 874

Delta R.T. 0.000 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

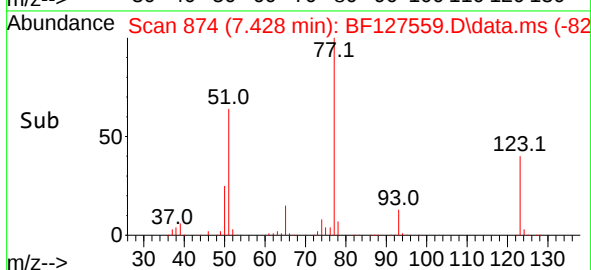
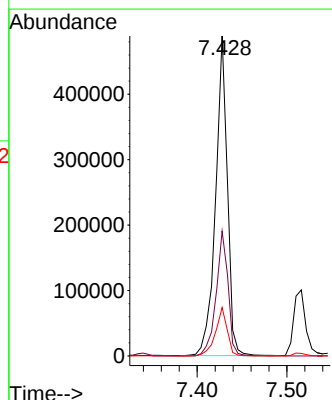
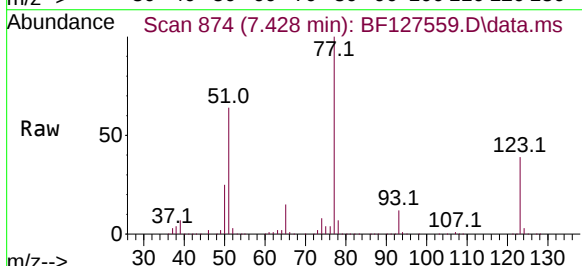
Tgt Ion: 77 Resp: 445982

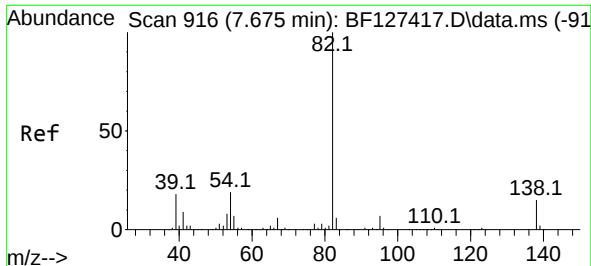
Ion Ratio Lower Upper

77 100

123 39.0 32.0 48.0

65 15.2 12.2 18.2

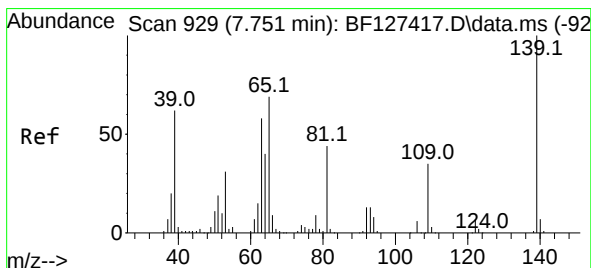
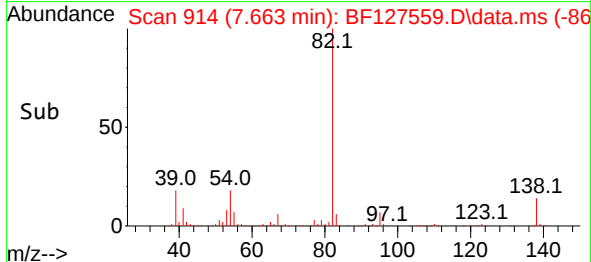
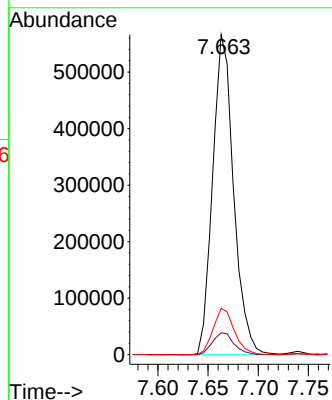
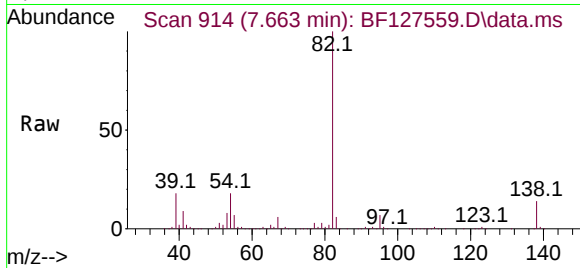




#25
Isophorone
Concen: 46.627 ng
RT: 7.663 min Scan# 916
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

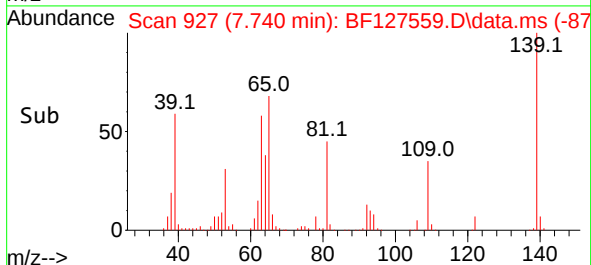
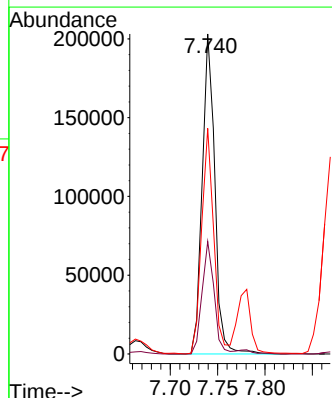
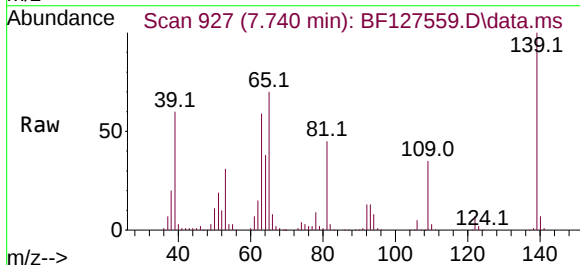
Instrument :
BNA_F
ClientSampleId :
PB143673BS

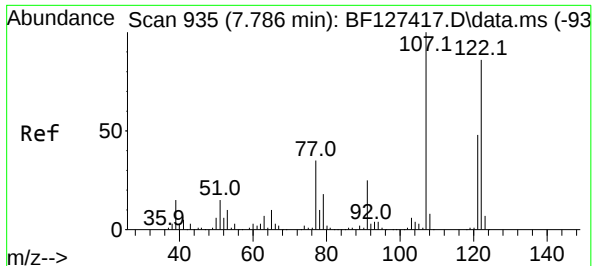
Tgt Ion: 82 Resp: 822842
Ion Ratio Lower Upper
82 100
95 6.9 5.8 8.8
138 14.4 11.6 17.4



#26
2-Nitrophenol
Concen: 42.363 ng
RT: 7.740 min Scan# 927
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion: 139 Resp: 187738
Ion Ratio Lower Upper
139 100
109 35.1 28.2 42.2
65 70.5 55.3 82.9





#27

2,4-Dimethylphenol

Concen: 47.763 ng

RT: 7.781 min Scan# 91

Delta R.T. 0.006 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

Instrument :

BNA_F

ClientSampleId :

PB143673BS

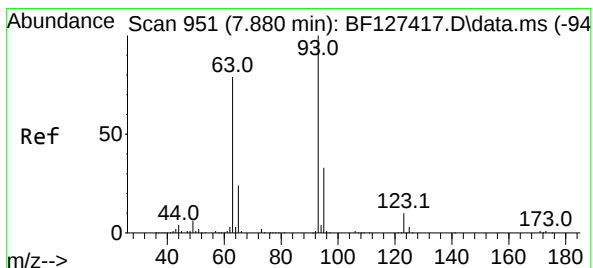
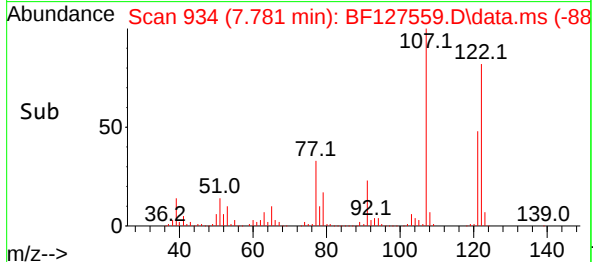
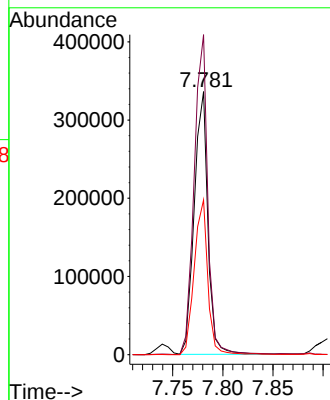
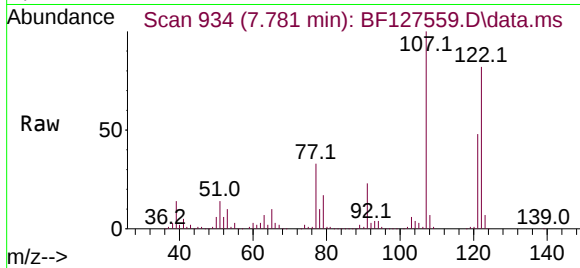
Tgt Ion:122 Resp: 318403

Ion Ratio Lower Upper

122 100

107 121.7 93.0 139.4

121 58.8 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 42.045 ng

RT: 7.869 min Scan# 949

Delta R.T. 0.000 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

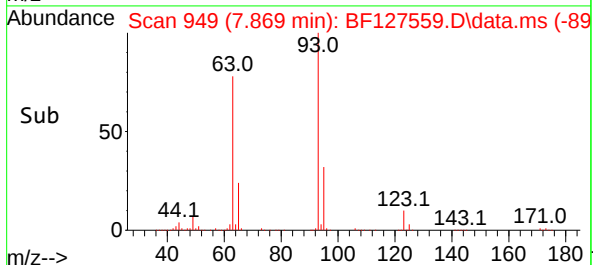
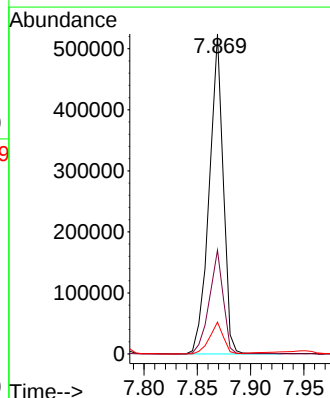
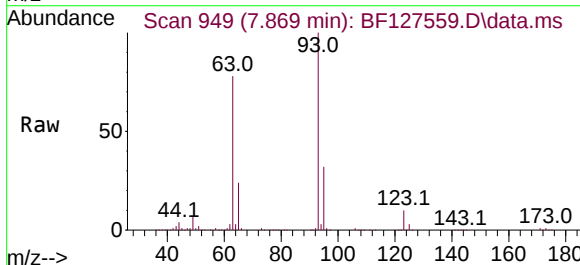
Tgt Ion: 93 Resp: 481994

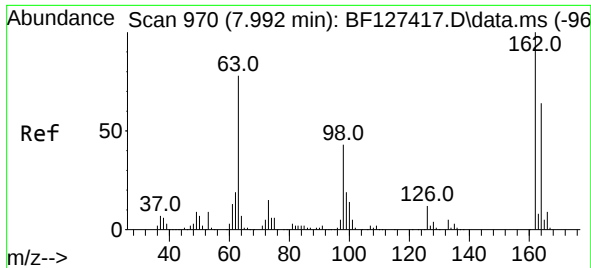
Ion Ratio Lower Upper

93 100

95 32.5 26.3 39.5

123 9.9 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 42.149 ng

RT: 7.987 min Scan# 90

Delta R.T. 0.000 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

Instrument :

BNA_F

ClientSampleId :

PB143673BS

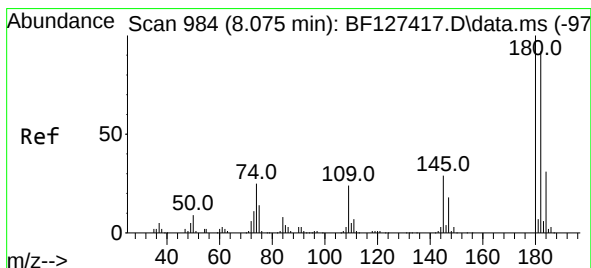
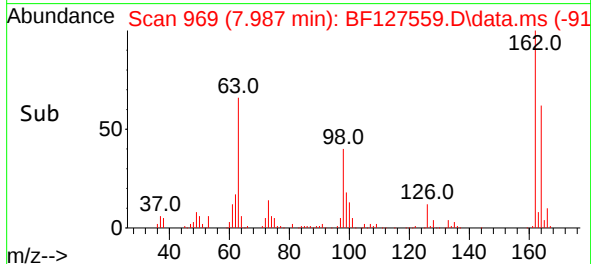
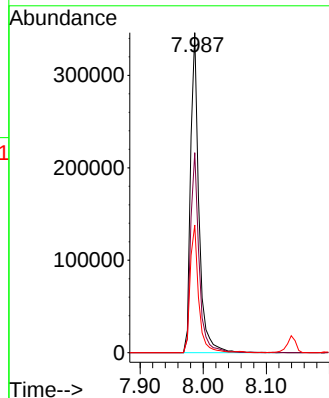
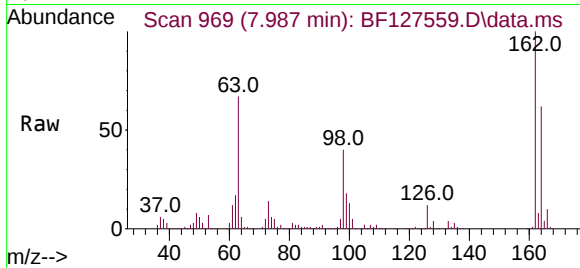
Tgt Ion:162 Resp: 318976

Ion Ratio Lower Upper

162 100

164 62.5 43.7 83.7

98 39.9 23.5 63.5



#30

1,2,4-Trichlorobenzene

Concen: 39.400 ng

RT: 8.057 min Scan# 981

Delta R.T. 0.000 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

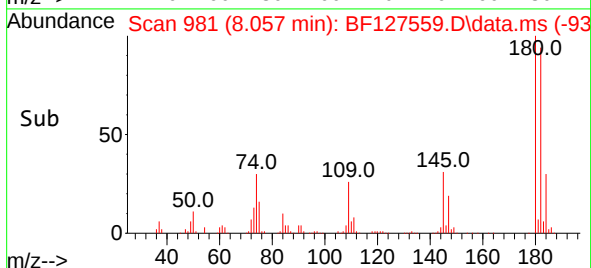
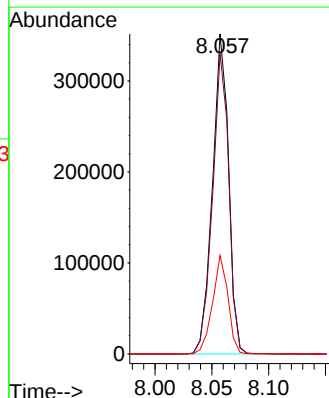
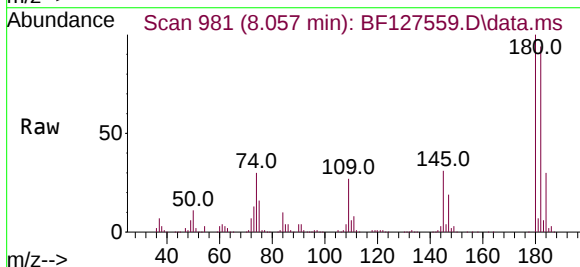
Tgt Ion:180 Resp: 347454

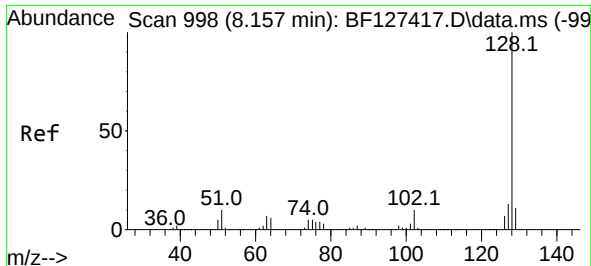
Ion Ratio Lower Upper

180 100

182 93.9 73.8 110.6

145 30.8 23.3 34.9

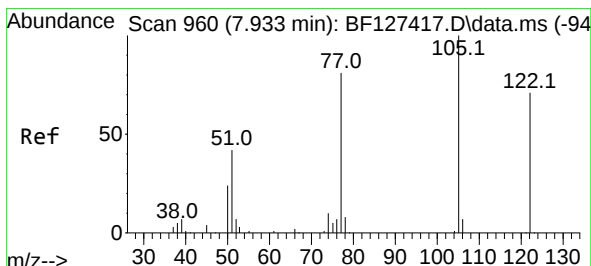
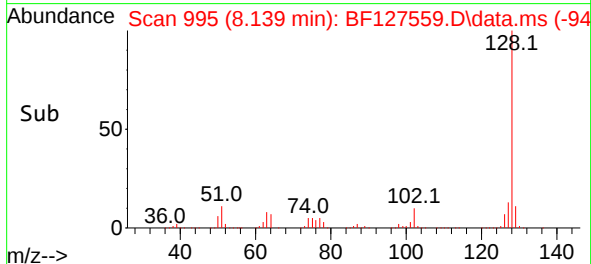
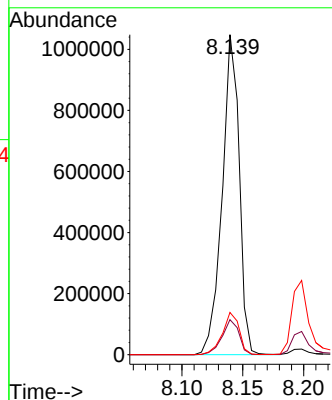
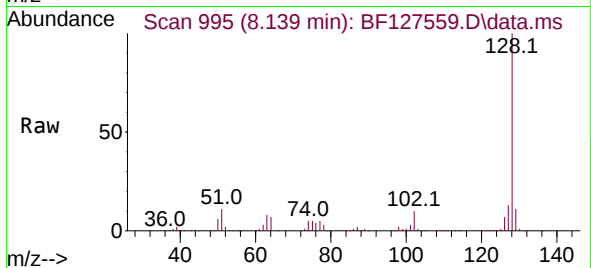




#31
Naphthalene
Concen: 40.646 ng
RT: 8.139 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

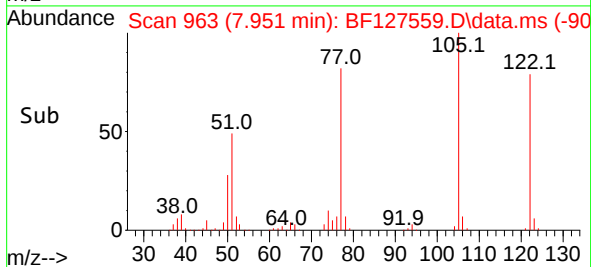
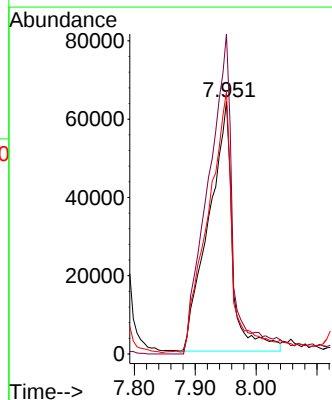
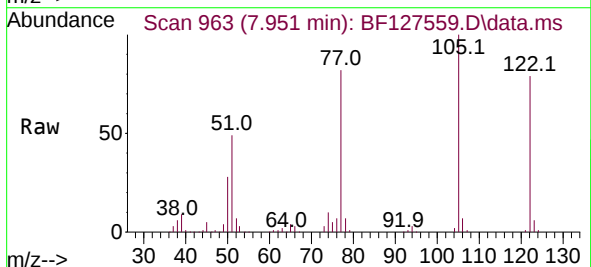
Instrument :
BNA_F
ClientSampleId :
PB143673BS

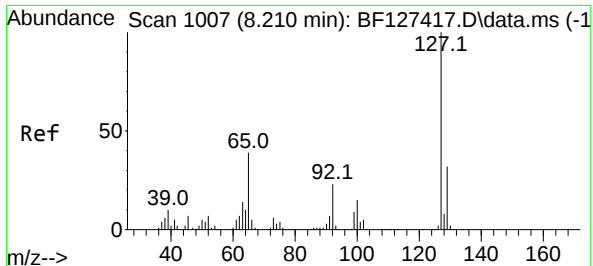
Tgt Ion:128 Resp: 1022048
Ion Ratio Lower Upper
128 100
129 10.9 8.4 12.6
127 13.2 10.2 15.2



#32
Benzoic acid
Concen: 45.805 ng
RT: 7.951 min Scan# 963
Delta R.T. 0.024 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion:122 Resp: 174282
Ion Ratio Lower Upper
122 100
105 126.8 117.1 157.1
77 103.9 93.0 133.0





#33

4-Chloroaniline

Concen: 26.711 ng

RT: 8.198 min Scan# 1005

Delta R.T. 0.000 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

Instrument :

BNA_F

ClientSampleId :

PB143673BS

Tgt Ion:127 Resp: 260269

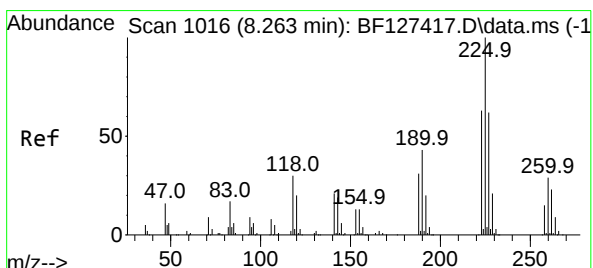
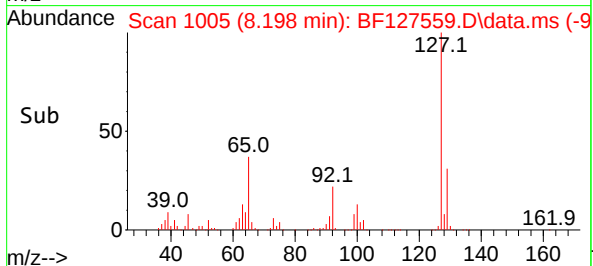
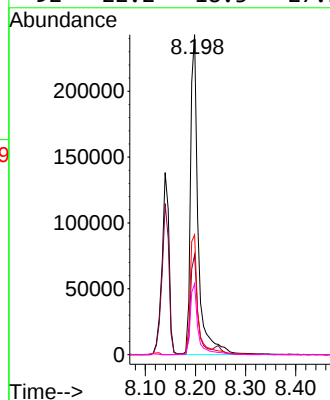
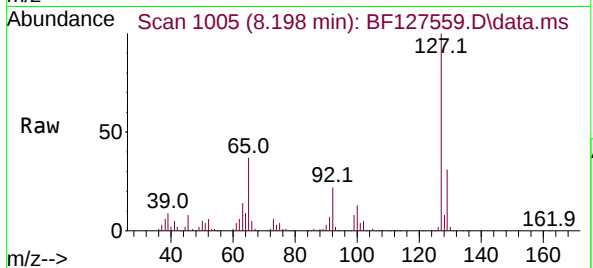
Ion Ratio Lower Upper

127 100

129 31.2 25.9 38.9

65 37.5 31.4 47.0

92 22.2 18.3 27.5



#34

Hexachlorobutadiene

Concen: 38.680 ng

RT: 8.245 min Scan# 1013

Delta R.T. 0.000 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

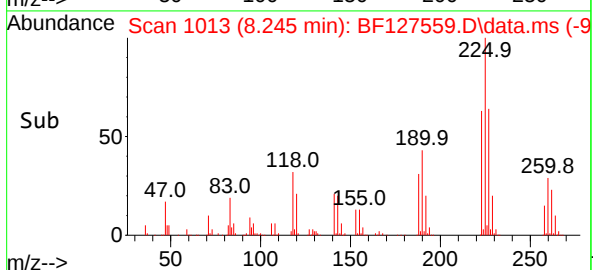
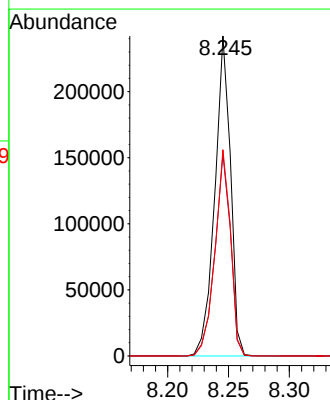
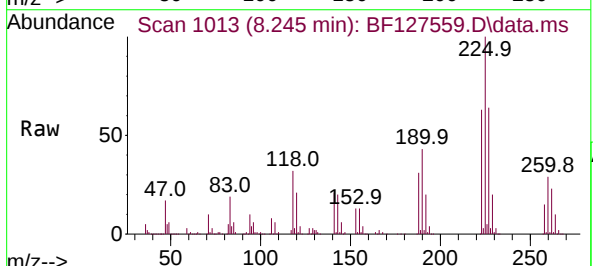
Tgt Ion:225 Resp: 216607

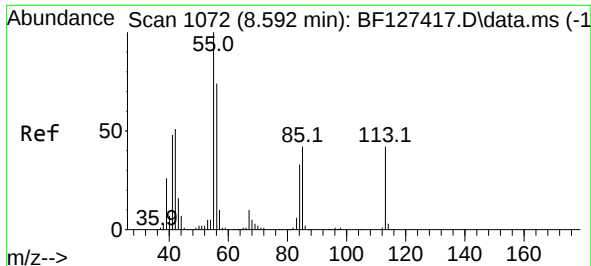
Ion Ratio Lower Upper

225 100

223 63.1 50.6 76.0

227 64.5 49.6 74.4

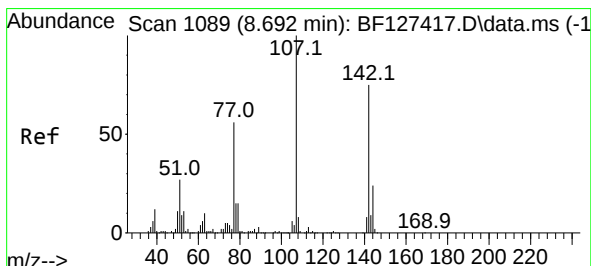
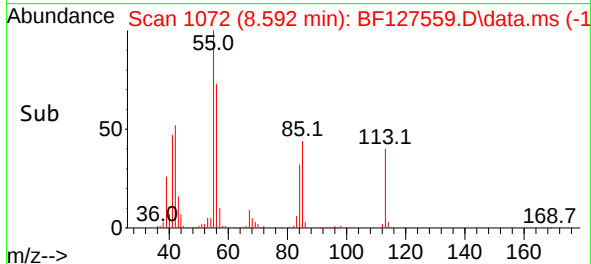
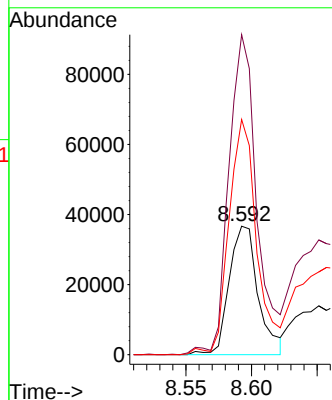
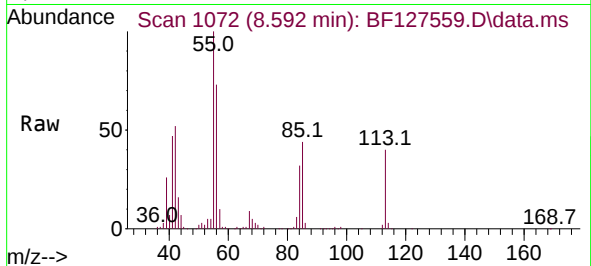




#35
 Caprolactam
 Concen: 24.204 ng
 RT: 8.592 min Scan# 1072
 Delta R.T. 0.006 min
 Lab File: BF127559.D
 Acq: 29 Mar 2022 12:06

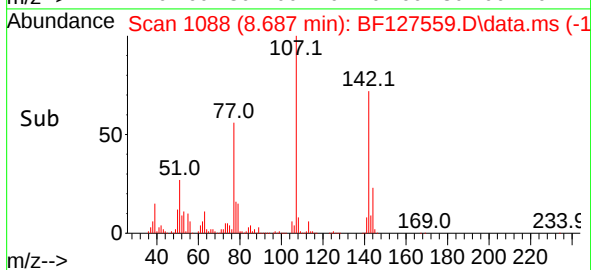
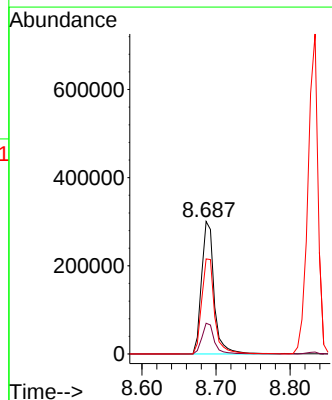
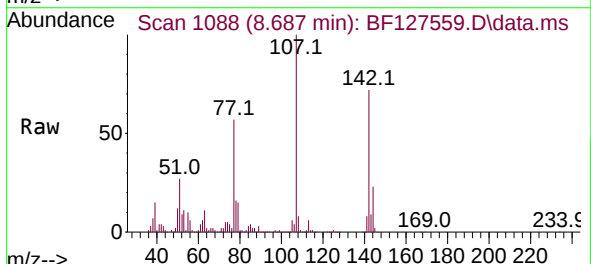
Instrument :
 BNA_F
 ClientSampleId :
 PB143673BS

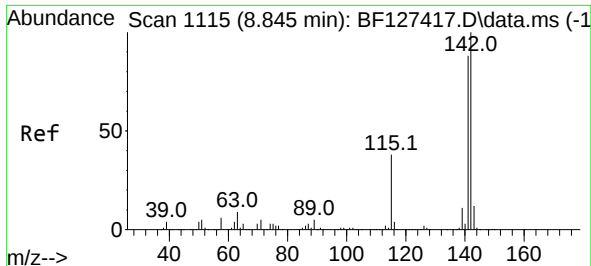
Tgt Ion:113 Resp: 56470
 Ion Ratio Lower Upper
 113 100
 55 249.0 218.7 258.7
 56 183.0 156.2 196.2



#36
 4-Chloro-3-methylphenol
 Concen: 43.332 ng
 RT: 8.687 min Scan# 1088
 Delta R.T. 0.006 min
 Lab File: BF127559.D
 Acq: 29 Mar 2022 12:06

Tgt Ion:107 Resp: 355795
 Ion Ratio Lower Upper
 107 100
 144 23.2 19.3 28.9
 142 71.8 59.8 89.8

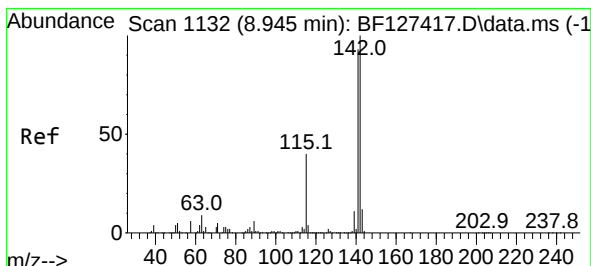
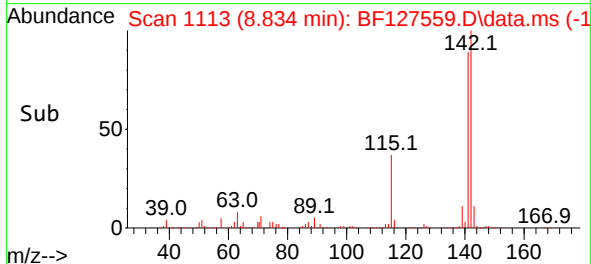
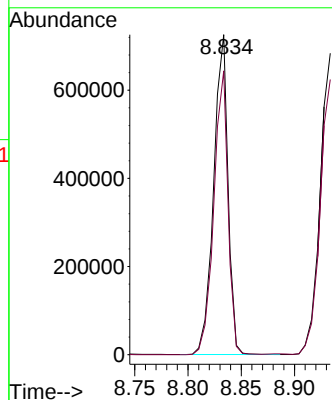
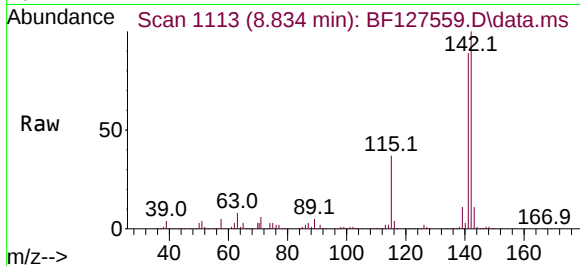




#37
2-Methylnaphthalene
Concen: 41.979 ng
RT: 8.834 min Scan# 1115
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

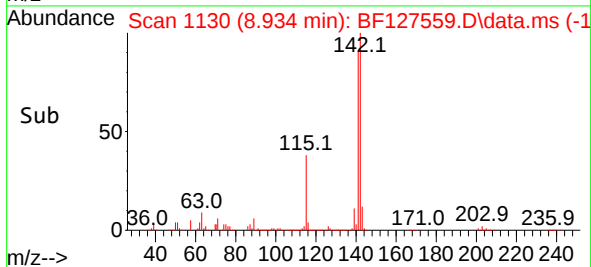
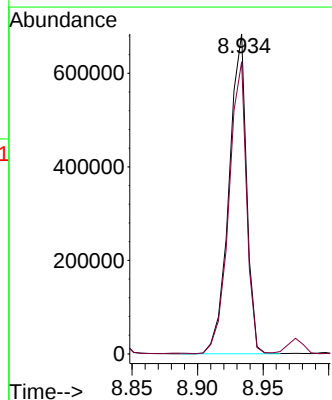
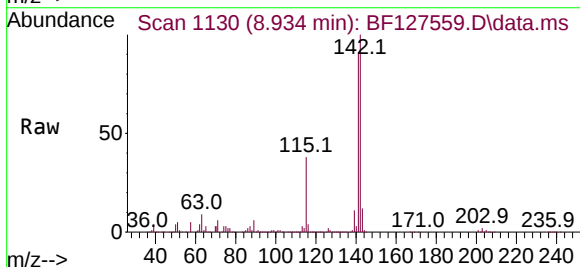
Instrument :
BNA_F
ClientSampleId :
PB143673BS

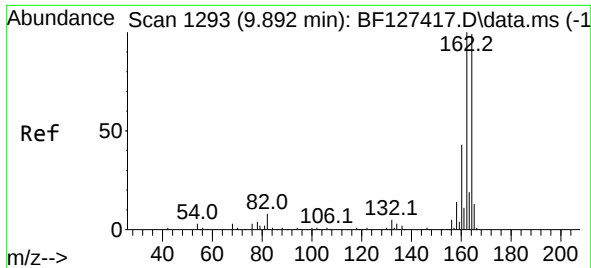
Tgt Ion:142 Resp: 678750
Ion Ratio Lower Upper
142 100
141 88.7 70.6 106.0



#38
1-Methylnaphthalene
Concen: 40.016 ng
RT: 8.934 min Scan# 1130
Delta R.T. 0.006 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion:142 Resp: 639774
Ion Ratio Lower Upper
142 100
141 91.3 74.2 111.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

Instrument :

BNA_F

ClientSampleId :

PB143673BS

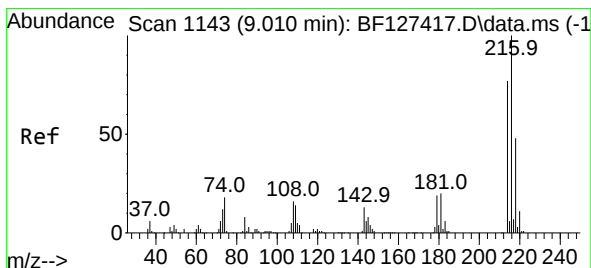
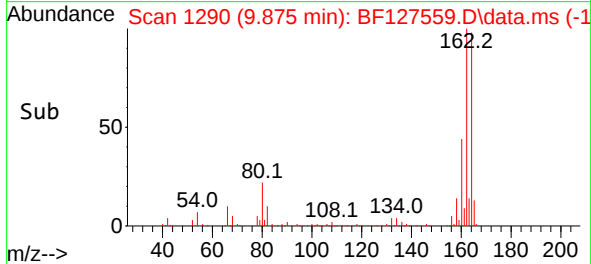
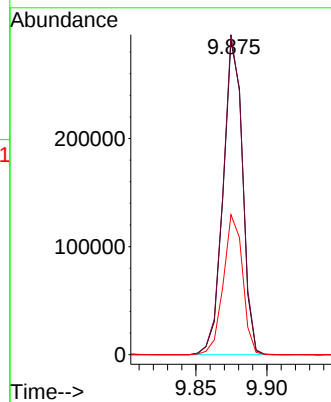
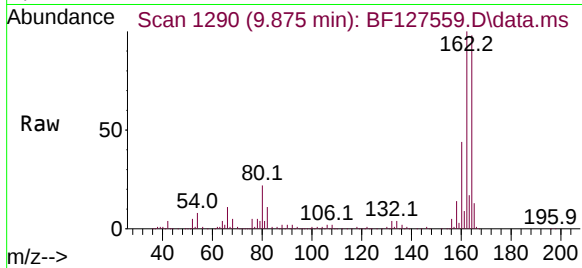
Tgt Ion:164 Resp: 275221

Ion Ratio Lower Upper

164 100

162 101.9 81.2 121.8

160 44.6 34.6 52.0



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.067 ng

RT: 8.998 min Scan# 1141

Delta R.T. 0.000 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

Tgt Ion:216 Resp: 350623

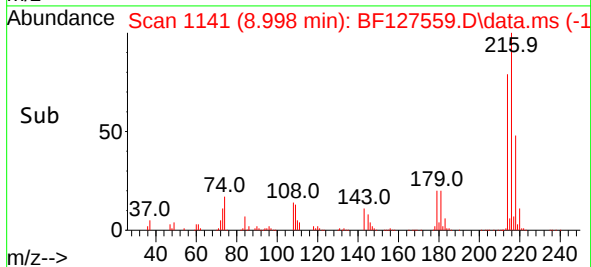
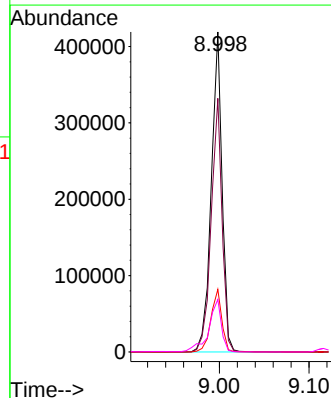
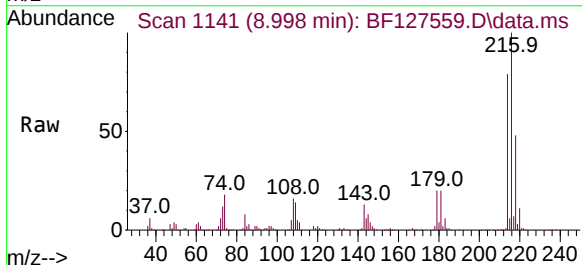
Ion Ratio Lower Upper

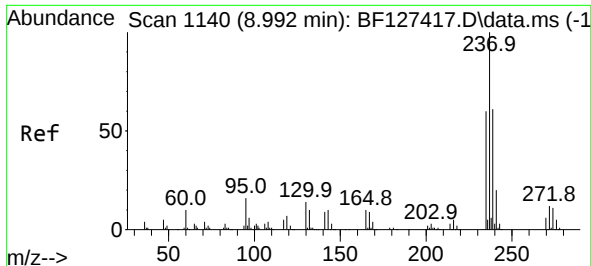
216 100

214 79.9 63.0 94.4

179 19.7 15.5 23.3

108 19.2 13.8 20.6

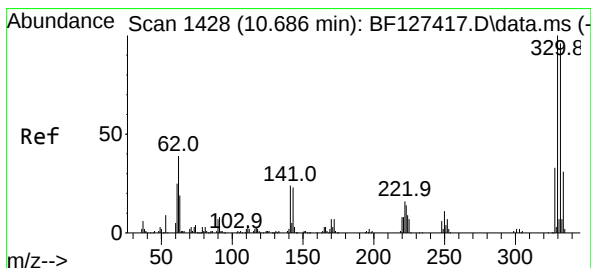
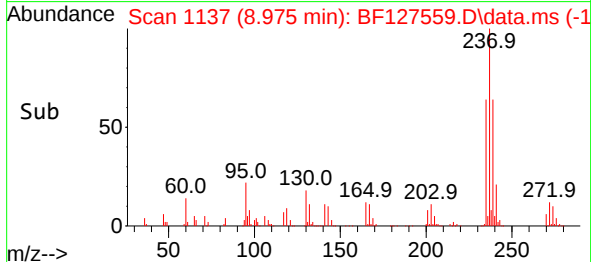
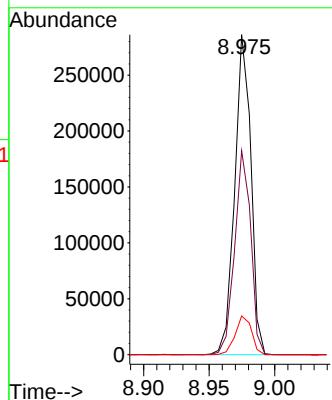
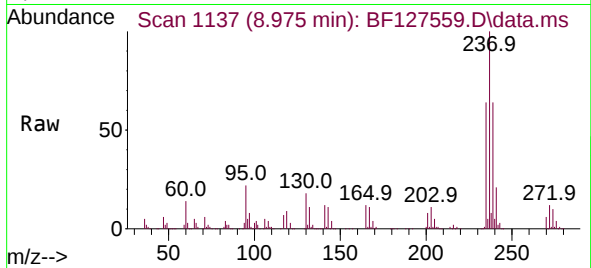




#41
Hexachlorocyclopentadiene
Concen: 80.888 ng
RT: 8.975 min Scan# 1140
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

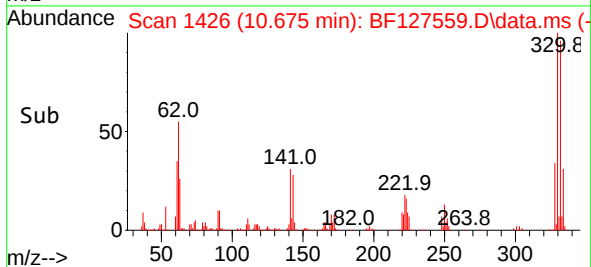
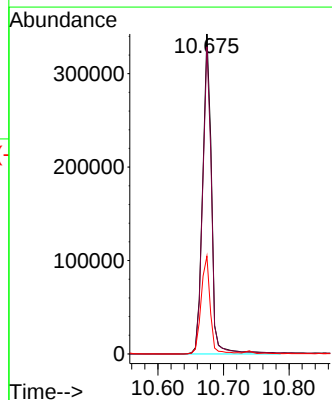
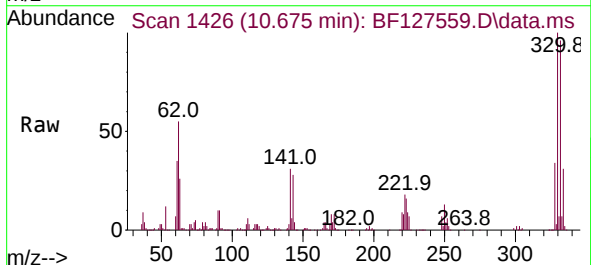
Instrument :
BNA_F
ClientSampleId :
PB143673BS

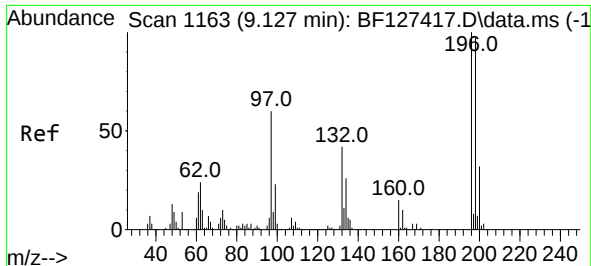
Tgt Ion:237 Resp: 245810
Ion Ratio Lower Upper
237 100
235 63.8 40.4 80.4
272 12.1 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 110.029 ng
RT: 10.675 min Scan# 1426
Delta R.T. 0.006 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion:330 Resp: 322584
Ion Ratio Lower Upper
330 100
332 97.0 79.1 118.7
141 31.5 26.2 39.4





#43

2,4,6-Trichlorophenol

Concen: 40.873 ng

RT: 9.116 min Scan# 1161

Delta R.T. 0.000 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

Instrument :

BNA_F

ClientSampleId :

PB143673BS

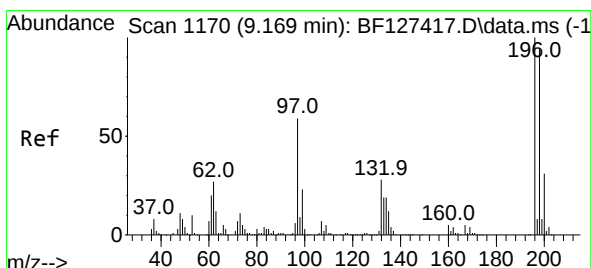
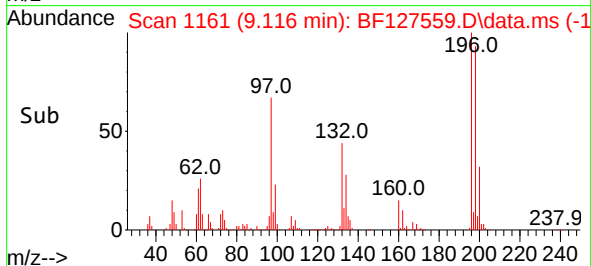
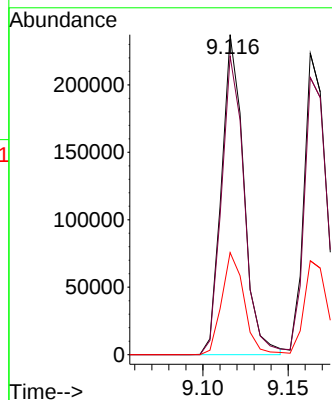
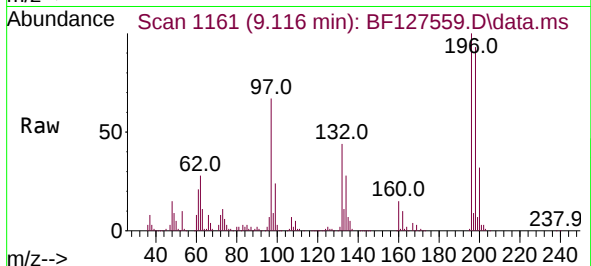
Tgt Ion:196 Resp: 216200

Ion Ratio Lower Upper

196 100

198 93.3 77.8 116.6

200 31.9 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 41.909 ng

RT: 9.163 min Scan# 1169

Delta R.T. 0.000 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

Tgt Ion:196 Resp: 228196

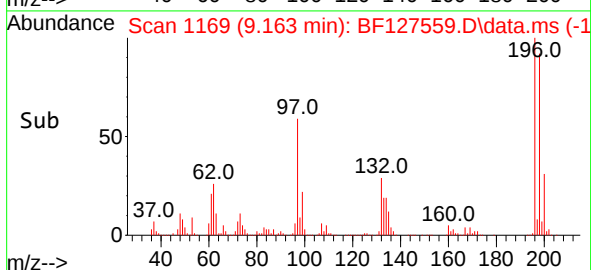
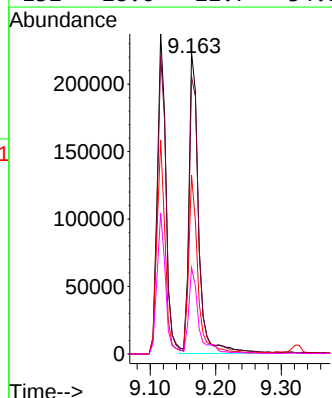
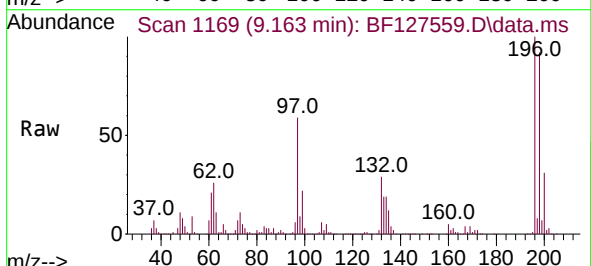
Ion Ratio Lower Upper

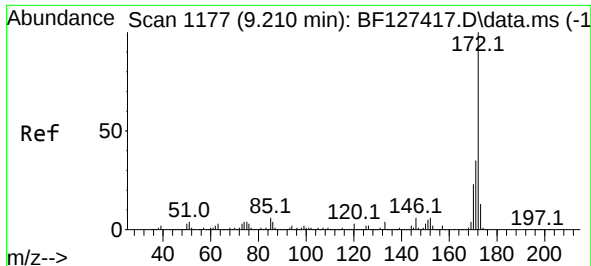
196 100

198 91.9 75.3 112.9

97 59.2 46.8 70.2

132 28.6 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 72.748 ng

RT: 9.198 min Scan# 1175

Delta R.T. 0.006 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

Instrument :

BNA_F

ClientSampleId :

PB143673BS

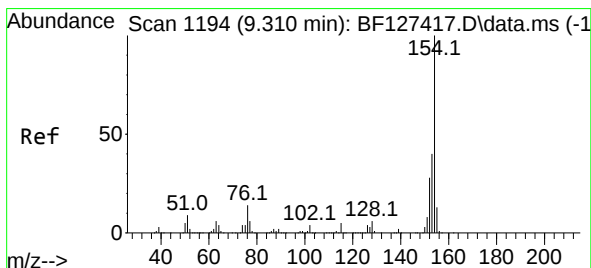
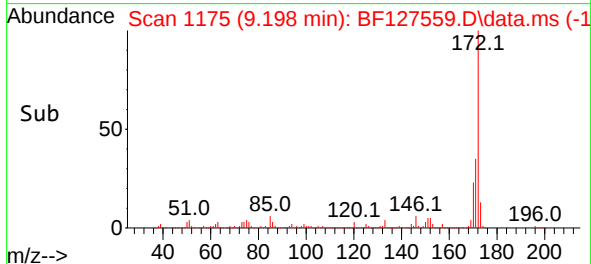
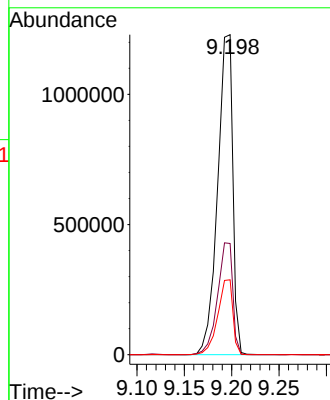
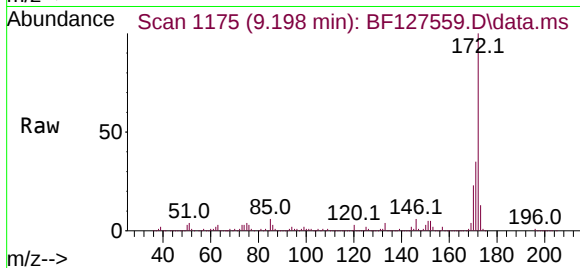
Tgt Ion:172 Resp: 1371128

Ion Ratio Lower Upper

172 100

171 34.8 28.4 42.6

170 23.4 18.6 27.8



#46

1,1'-Biphenyl

Concen: 39.750 ng

RT: 9.298 min Scan# 1192

Delta R.T. 0.000 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

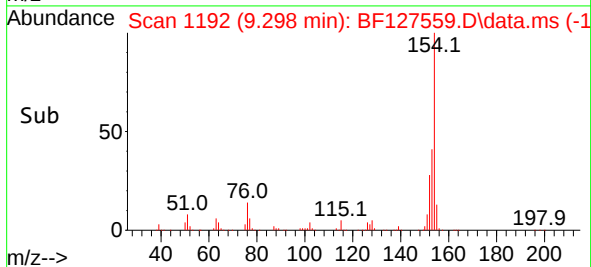
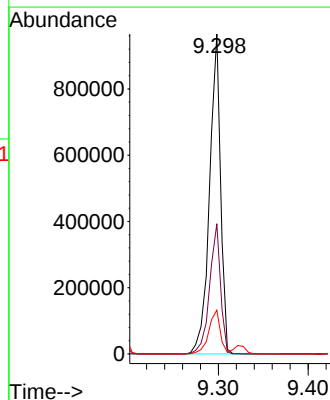
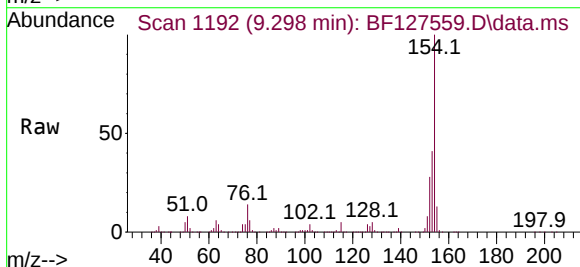
Tgt Ion:154 Resp: 826268

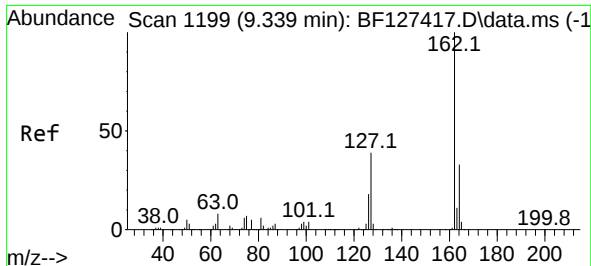
Ion Ratio Lower Upper

154 100

153 40.7 20.3 60.3

76 13.7 0.0 33.9





#47

2-Chloronaphthalene

Concen: 39.698 ng

RT: 9.328 min Scan# 1199

Delta R.T. 0.006 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

Instrument :

BNA_F

ClientSampleId :

PB143673BS

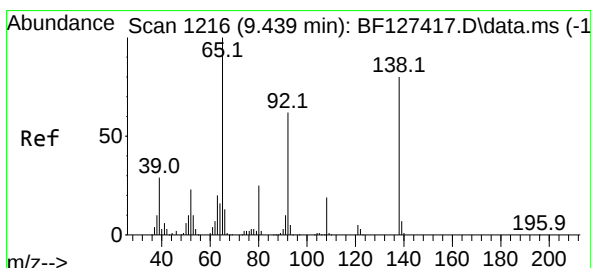
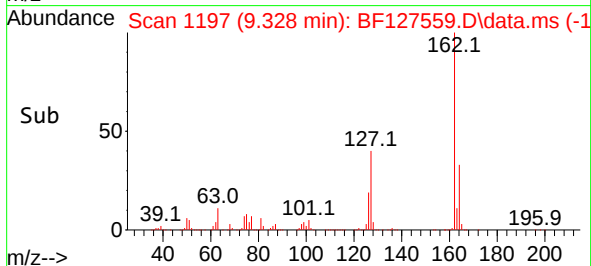
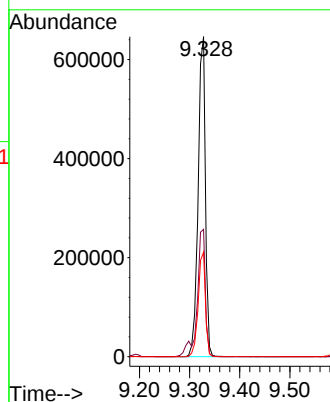
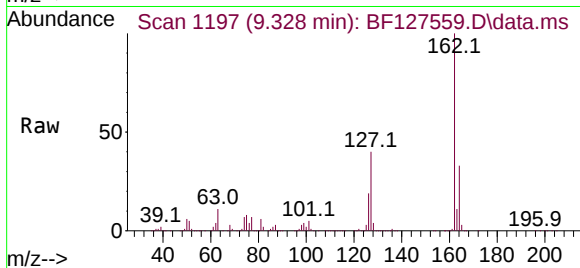
Tgt Ion:162 Resp: 649809

Ion Ratio Lower Upper

162 100

127 39.8 31.8 47.6

164 32.7 26.4 39.6



#48

2-Nitroaniline

Concen: 42.196 ng

RT: 9.434 min Scan# 1215

Delta R.T. 0.006 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

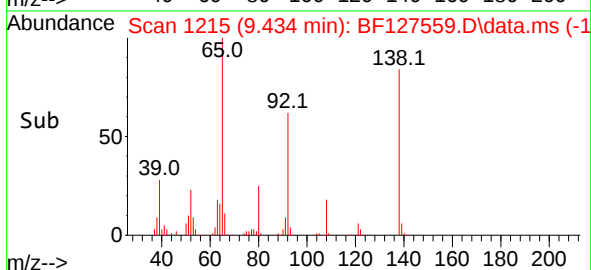
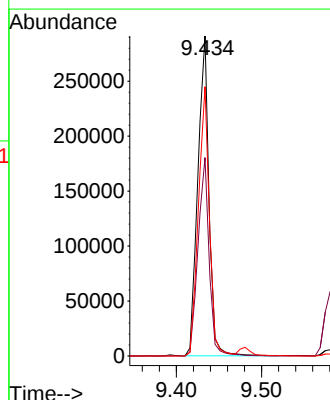
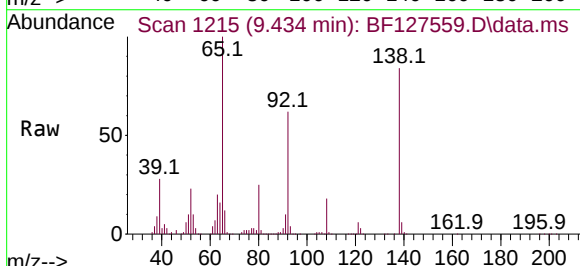
Tgt Ion: 65 Resp: 264712

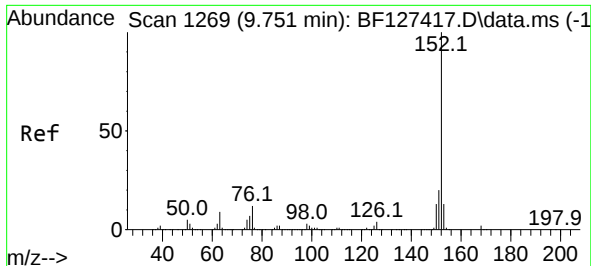
Ion Ratio Lower Upper

65 100

92 62.0 50.0 75.0

138 84.2 64.1 96.1





#49

Acenaphthylene

Concen: 40.303 ng

RT: 9.739 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

Instrument :

BNA_F

ClientSampleId :

PB143673BS

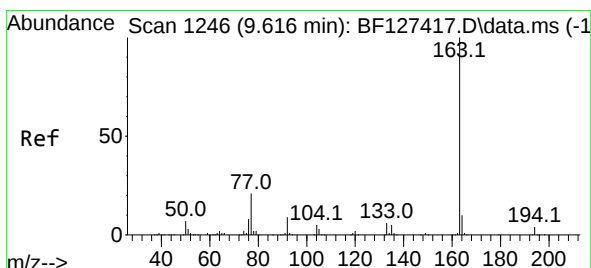
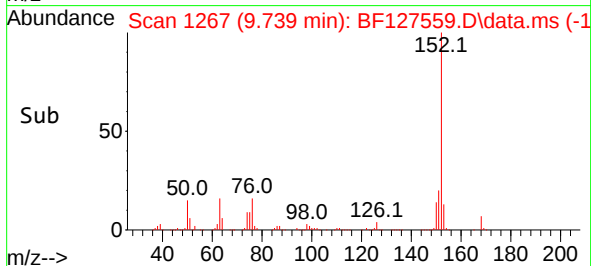
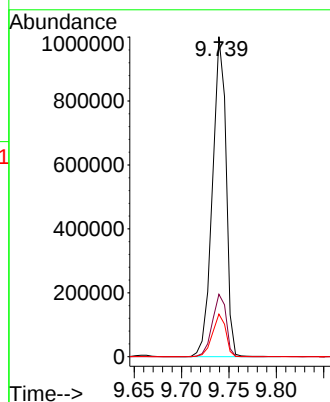
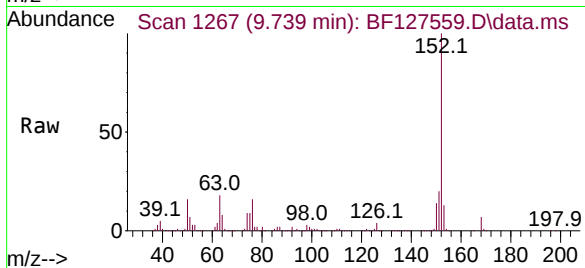
Tgt Ion:152 Resp: 997330

Ion Ratio Lower Upper

152 100

151 19.5 15.8 23.8

153 13.3 10.5 15.7



#50

Dimethylphthalate

Concen: 41.908 ng

RT: 9.604 min Scan# 1244

Delta R.T. 0.006 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

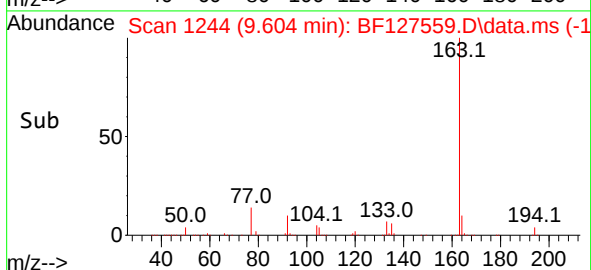
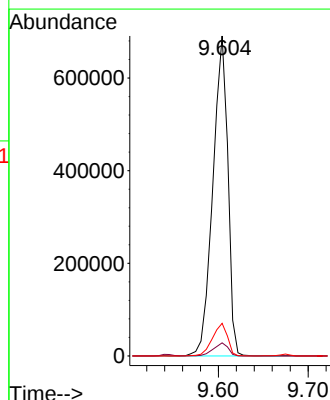
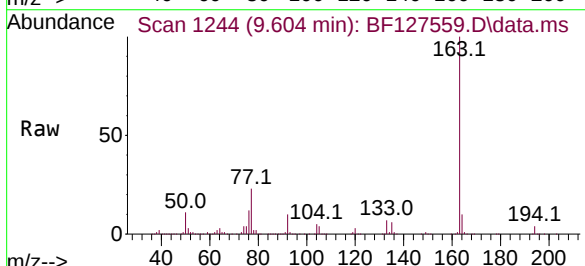
Tgt Ion:163 Resp: 802393

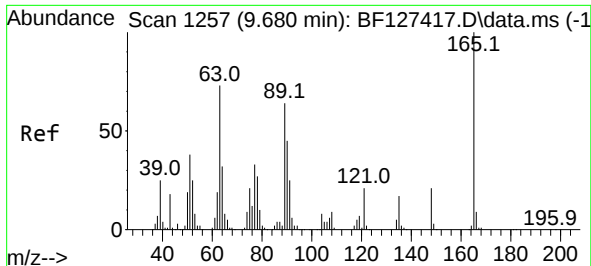
Ion Ratio Lower Upper

163 100

194 4.1 3.3 4.9

164 10.2 7.8 11.8

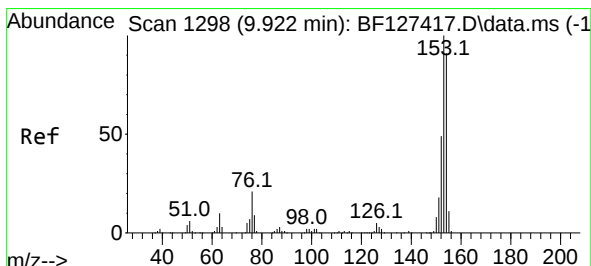
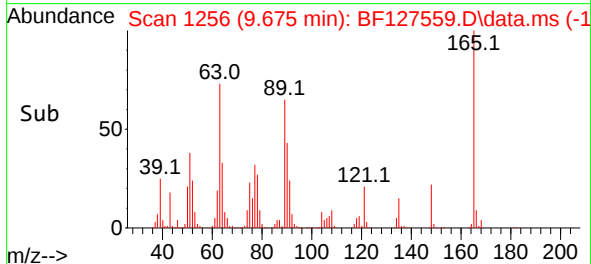
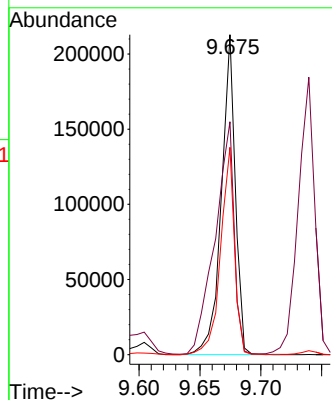
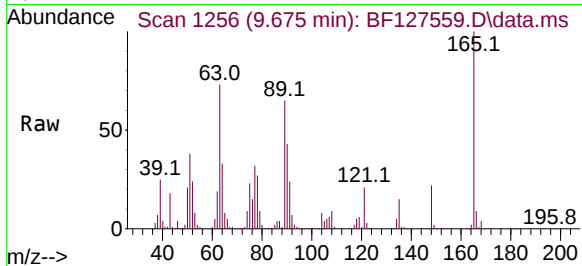




#51
2,6-Dinitrotoluene
Concen: 42.281 ng
RT: 9.675 min Scan# 1256
Delta R.T. 0.006 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

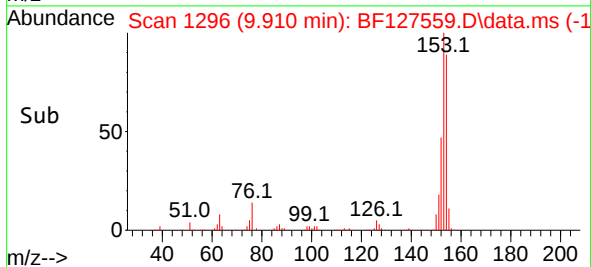
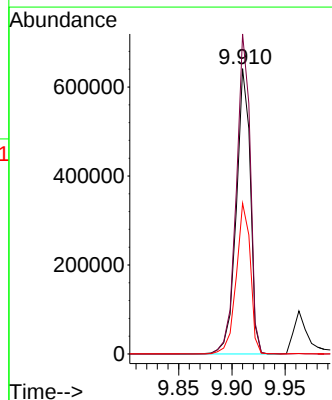
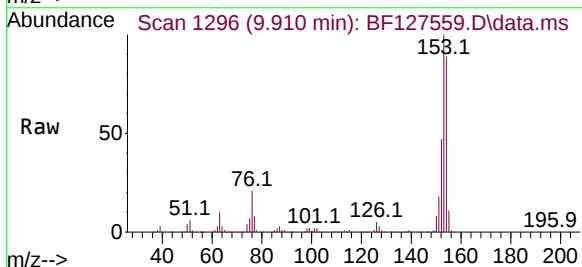
Instrument :
BNA_F
ClientSampleId :
PB143673BS

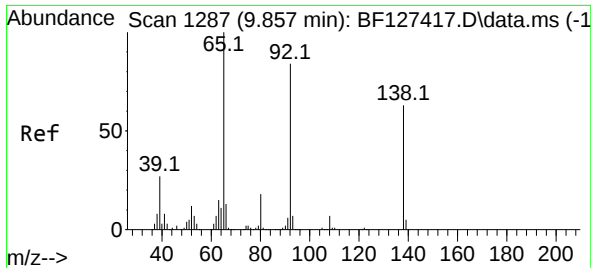
Tgt Ion:165 Resp: 169933
Ion Ratio Lower Upper
165 100
63 72.8 58.3 87.5
89 64.8 51.5 77.3



#52
Acenaphthene
Concen: 40.825 ng
RT: 9.910 min Scan# 1296
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion:154 Resp: 589435
Ion Ratio Lower Upper
154 100
153 112.1 87.6 131.4
152 52.8 42.9 64.3

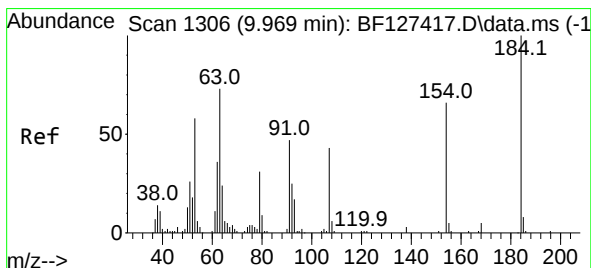
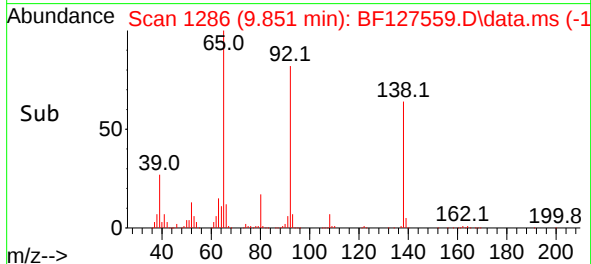
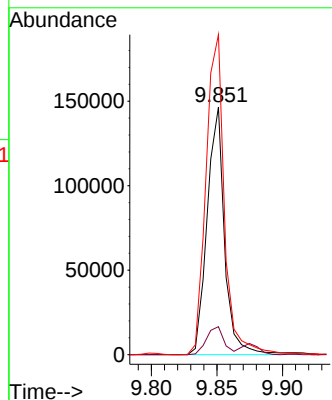
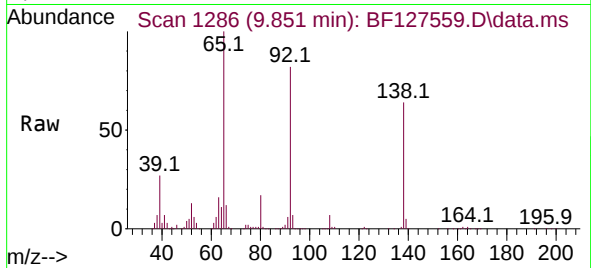




#53
3-Nitroaniline
Concen: 30.747 ng
RT: 9.851 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

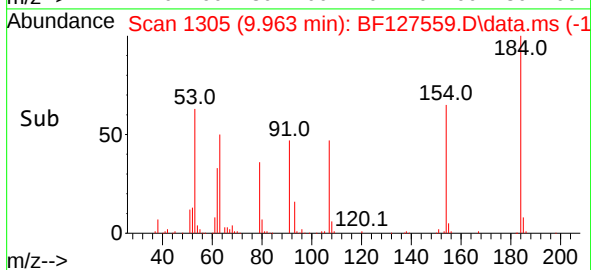
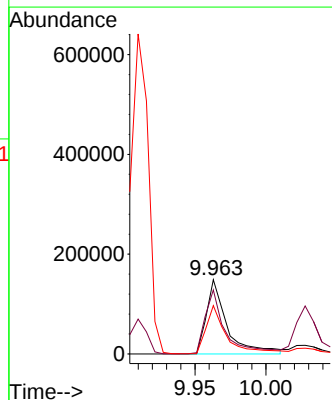
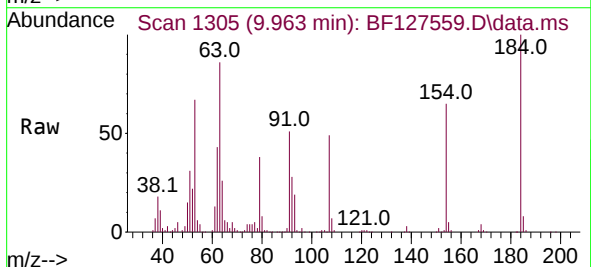
Instrument :
BNA_F
ClientSampleId :
PB143673BS

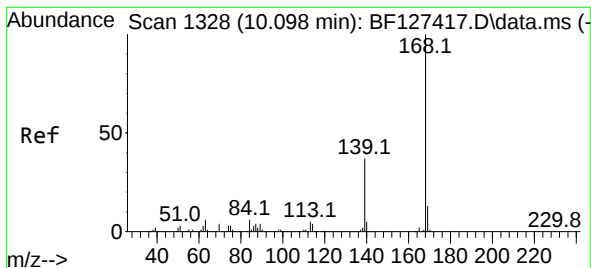
Tgt Ion:138 Resp: 135557
Ion Ratio Lower Upper
138 100
108 11.3 9.4 14.0
92 129.2 106.1 159.1



#54
2,4-Dinitrophenol
Concen: 74.787 ng
RT: 9.963 min Scan# 1305
Delta R.T. 0.006 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion:184 Resp: 150412
Ion Ratio Lower Upper
184 100
63 86.3 58.1 87.1
154 65.2 53.2 79.8





#55

Dibenzofuran

Concen: 39.645 ng

RT: 10.086 min Scan# 1326

Delta R.T. 0.006 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

Instrument :

BNA_F

ClientSampleId :

PB143673BS

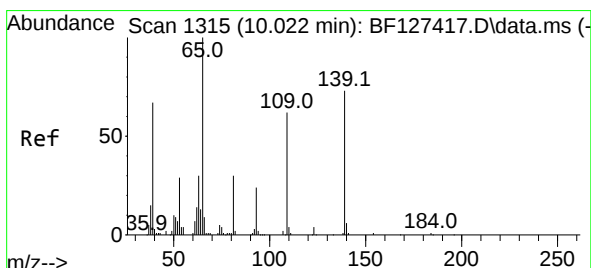
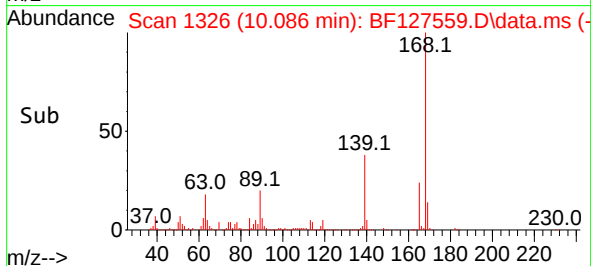
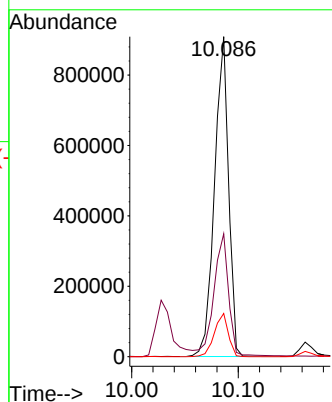
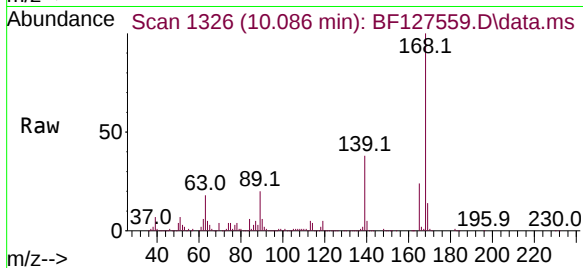
Tgt Ion:168 Resp: 834139

Ion Ratio Lower Upper

168 100

139 38.4 30.3 45.5

169 13.5 10.8 16.2



#56

4-Nitrophenol

Concen: 75.632 ng

RT: 10.028 min Scan# 1316

Delta R.T. 0.012 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

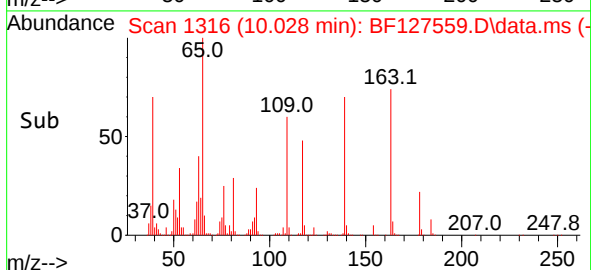
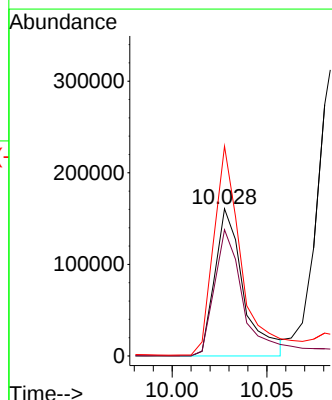
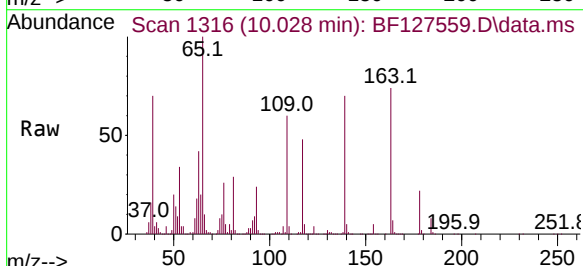
Tgt Ion:139 Resp: 169711

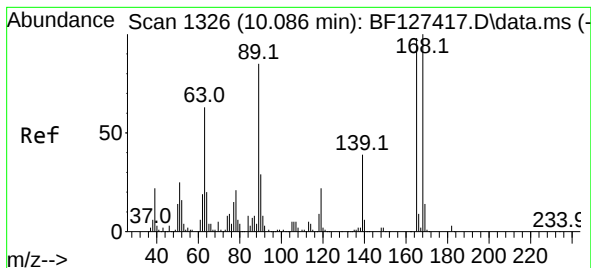
Ion Ratio Lower Upper

139 100

109 85.9 64.3 104.3

65 142.5 117.5 157.5

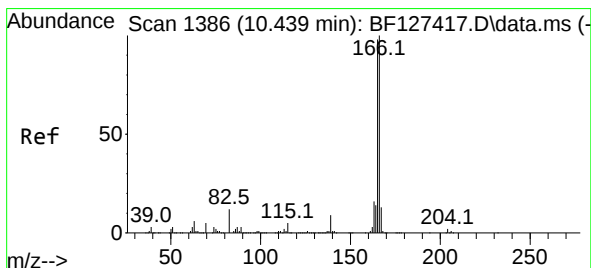
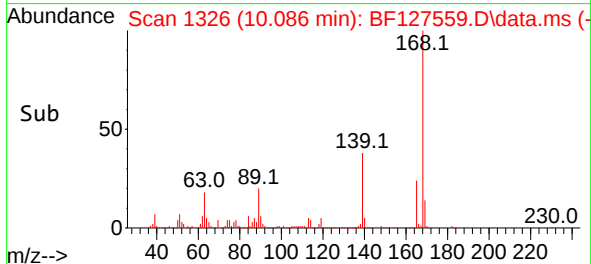
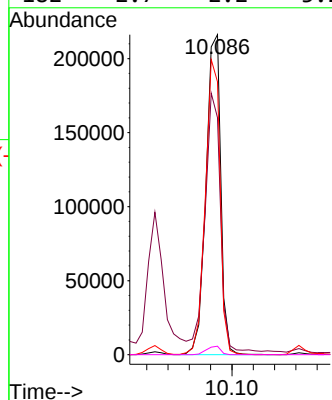
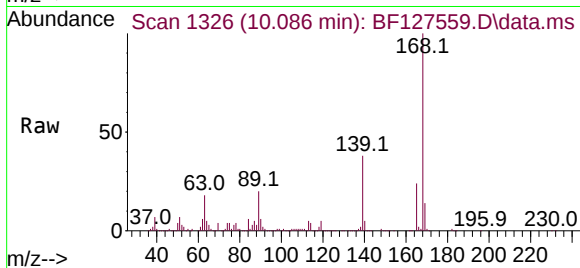




#57
2,4-Dinitrotoluene
Concen: 40.335 ng
RT: 10.086 min Scan# 1326
Delta R.T. 0.012 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

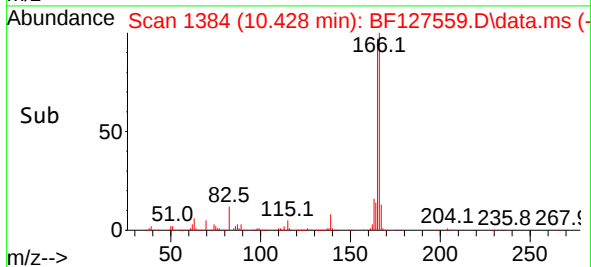
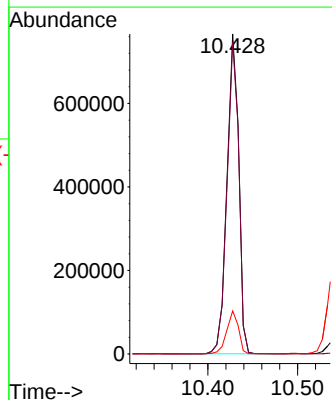
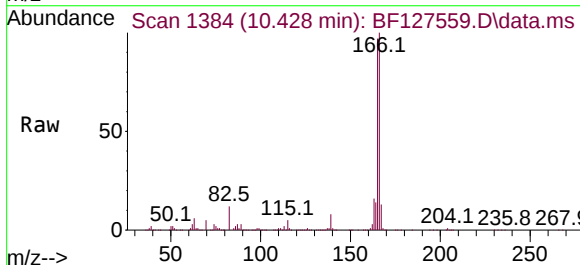
Instrument :
BNA_F
ClientSampleId :
PB143673BS

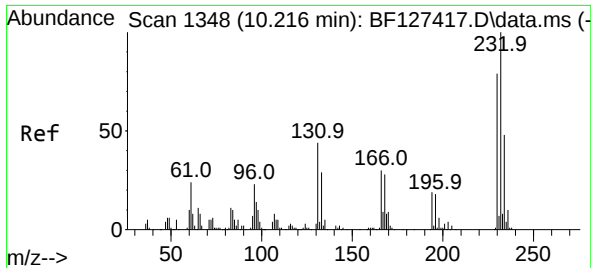
Tgt Ion:165 Resp: 208660
Ion Ratio Lower Upper
165 100
63 74.1 53.1 79.7
89 85.3 69.2 103.8
182 2.7 2.2 3.2



#58
Fluorene
Concen: 41.682 ng
RT: 10.428 min Scan# 1384
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion:166 Resp: 700165
Ion Ratio Lower Upper
166 100
165 97.4 78.1 117.1
167 13.4 10.5 15.7

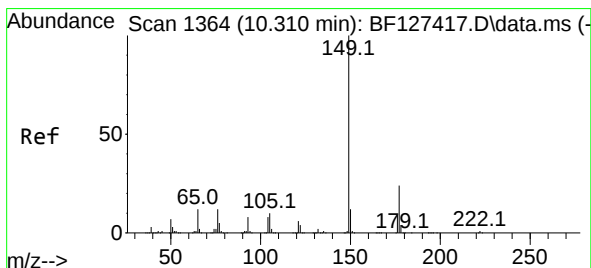
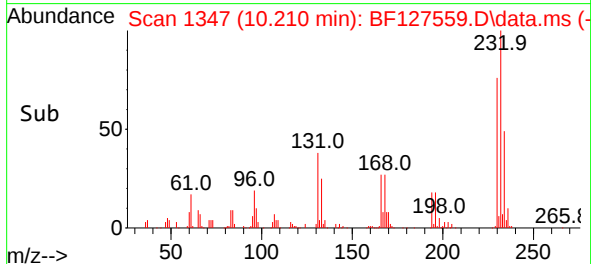
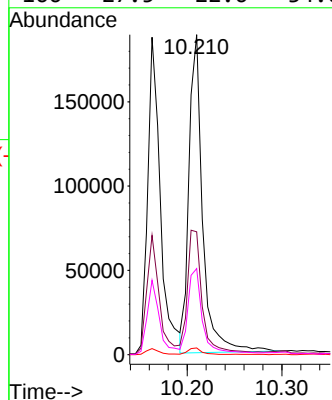
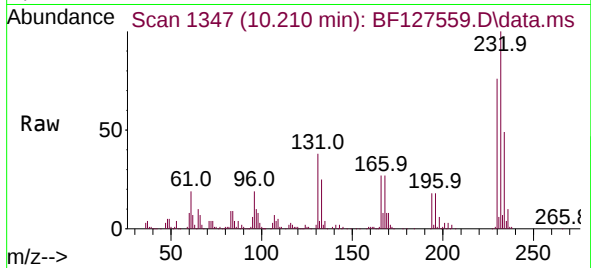




#59
2,3,4,6-Tetrachlorophenol
Concen: 39.255 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

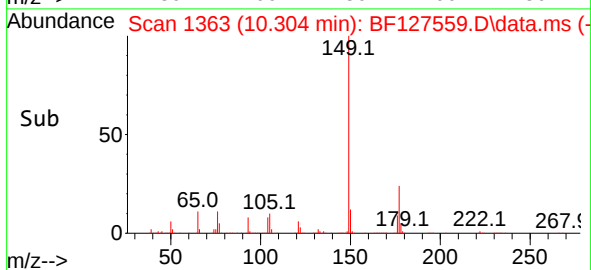
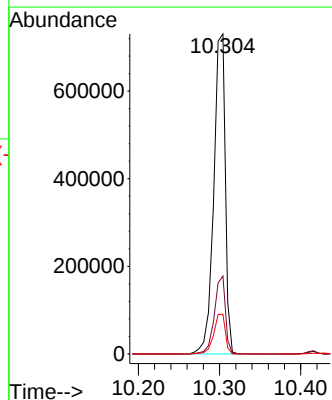
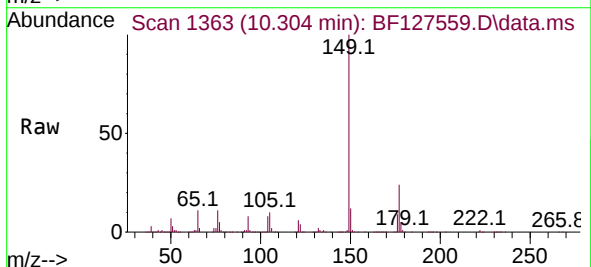
Instrument :
BNA_F
ClientSampleId :
PB143673BS

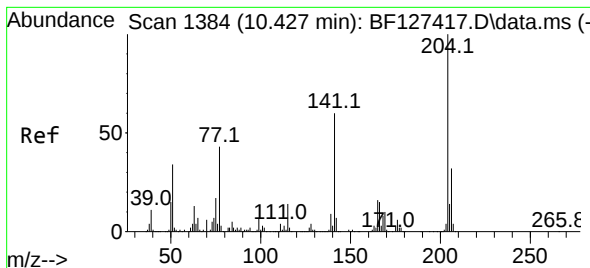
Tgt Ion:232 Resp: 188980
Ion Ratio Lower Upper
232 100
131 43.5 33.4 50.0
130 2.0 1.8 2.6
166 27.5 22.6 34.0



#60
Diethylphthalate
Concen: 41.221 ng
RT: 10.304 min Scan# 1363
Delta R.T. 0.012 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion:149 Resp: 720862
Ion Ratio Lower Upper
149 100
177 24.3 18.9 28.3
150 12.4 10.0 15.0

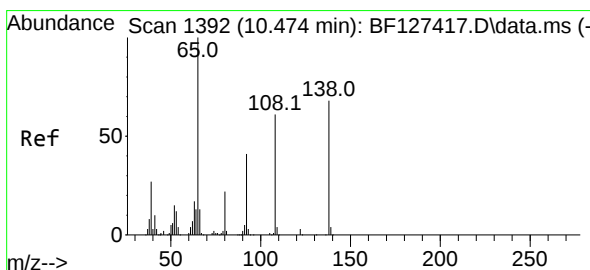
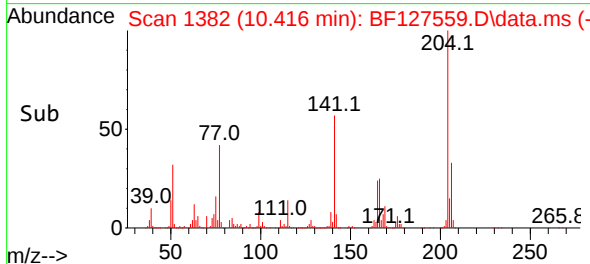
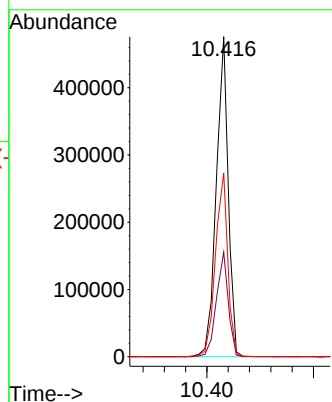
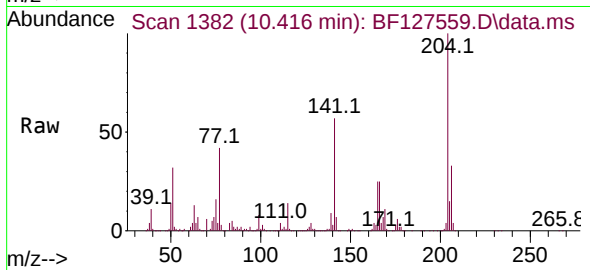




#61
4-Chlorophenyl-phenylether
Concen: 37.309 ng
RT: 10.416 min Scan# 1382
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

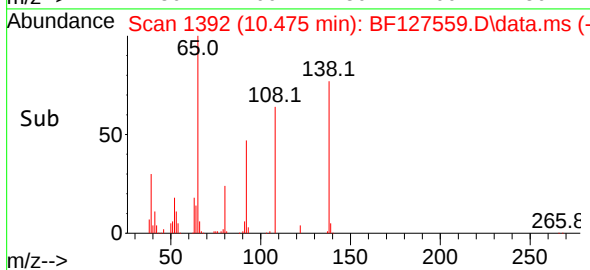
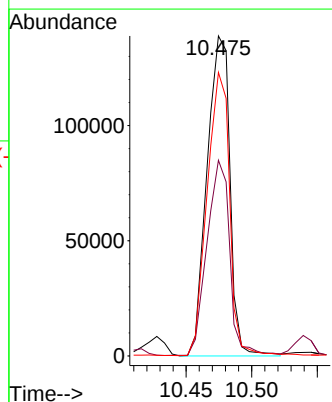
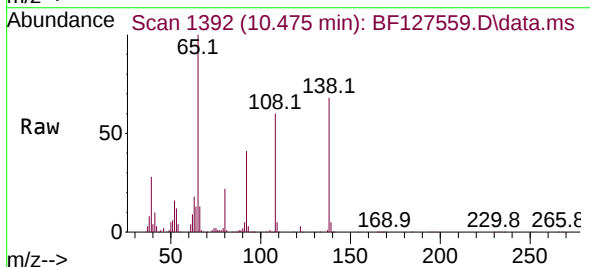
Instrument :
BNA_F
ClientSampleId :
PB143673BS

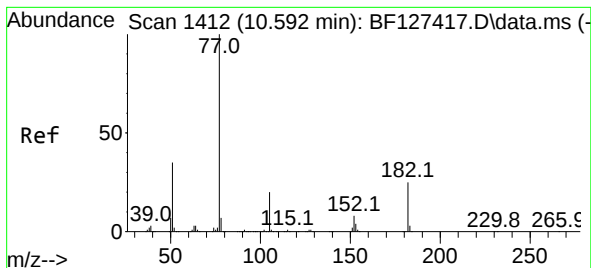
Tgt Ion:204 Resp: 369197
Ion Ratio Lower Upper
204 100
206 32.6 25.9 38.9
141 57.4 47.8 71.8



#62
4-Nitroaniline
Concen: 40.916 ng
RT: 10.475 min Scan# 1392
Delta R.T. 0.012 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion:138 Resp: 168966
Ion Ratio Lower Upper
138 100
92 61.2 40.5 80.5
108 88.6 69.2 109.2





#63

Azobenzene

Concen: 40.326 ng

RT: 10.581 min Scan# 1410

Delta R.T. 0.006 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

Instrument :

BNA_F

ClientSampleId :

PB143673BS

Tgt Ion: 77 Resp: 832117

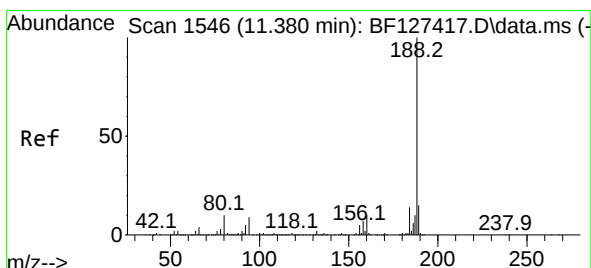
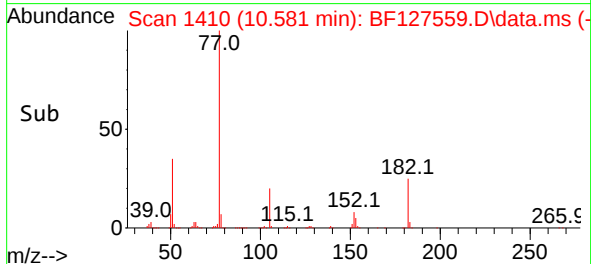
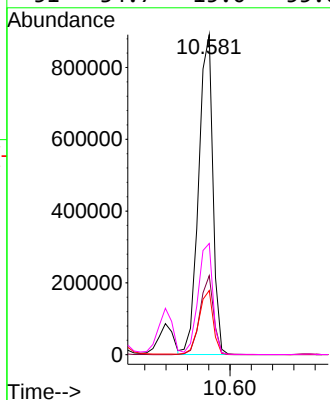
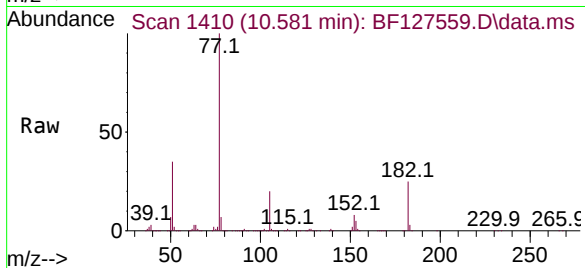
Ion Ratio Lower Upper

77 100

182 24.7 4.5 44.5

105 20.0 0.3 40.3

51 34.7 15.0 55.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1544

Delta R.T. 0.006 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

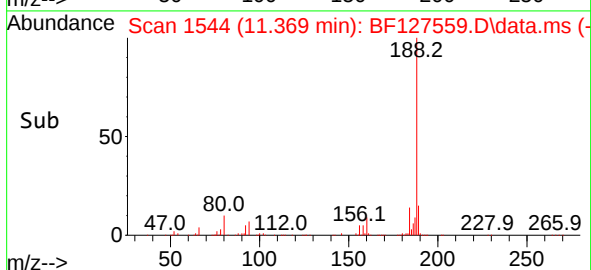
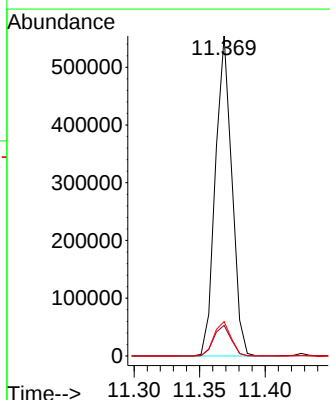
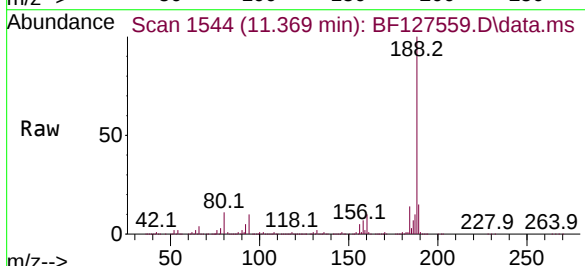
Tgt Ion: 188 Resp: 483507

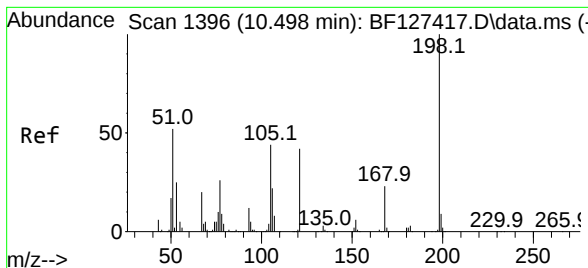
Ion Ratio Lower Upper

188 100

94 9.6 7.4 11.0

80 10.8 8.0 12.0

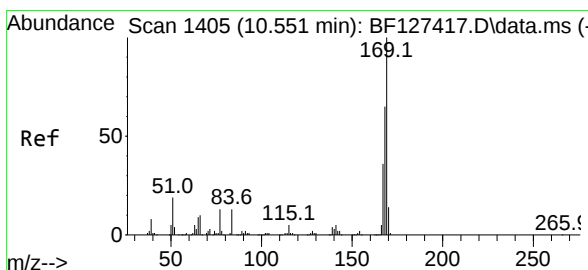
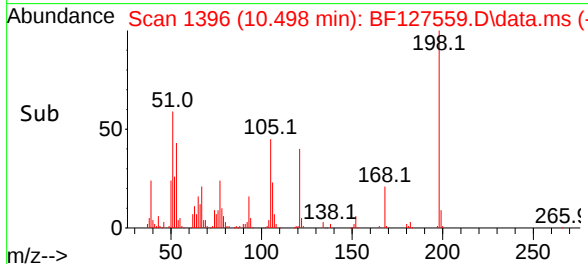
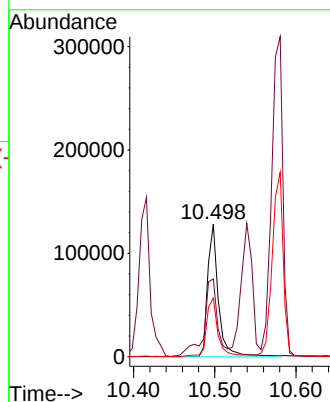
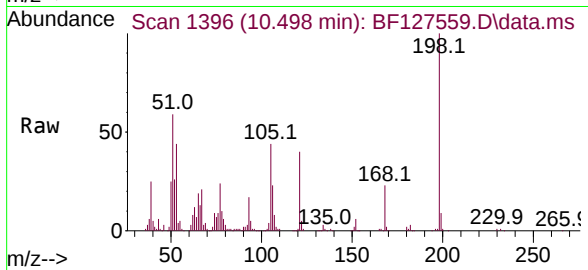




#65
4,6-Dinitro-2-methylphenol
Concen: 39.532 ng
RT: 10.498 min Scan# 11
Delta R.T. 0.012 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

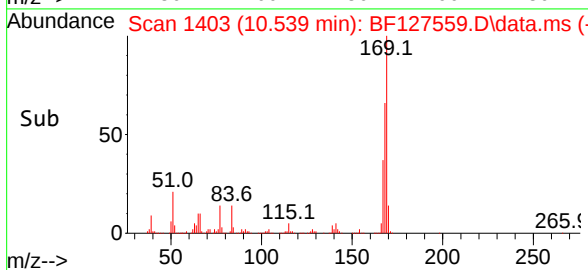
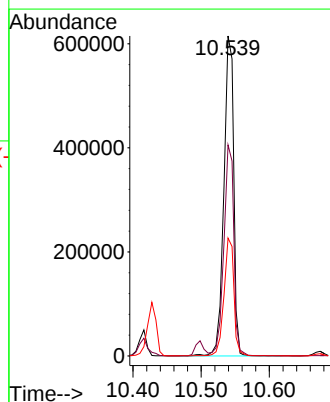
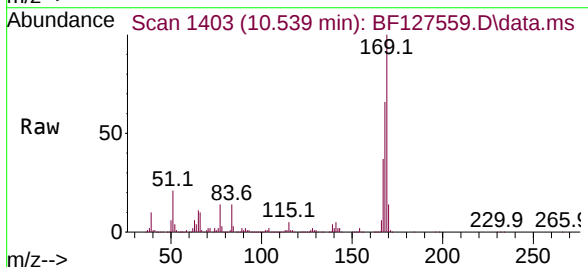
Instrument :
BNA_F
ClientSampleId :
PB143673BS

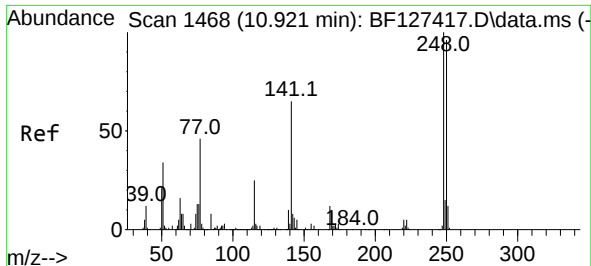
Tgt Ion:198 Resp: 117612
Ion Ratio Lower Upper
198 100
51 58.7 42.7 82.7
105 44.3 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 41.867 ng
RT: 10.539 min Scan# 1403
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion:169 Resp: 616206
Ion Ratio Lower Upper
169 100
168 66.0 52.7 79.1
167 36.9 28.9 43.3

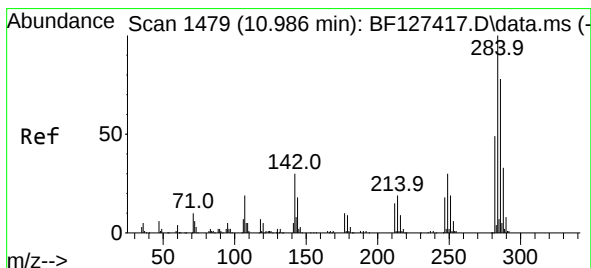
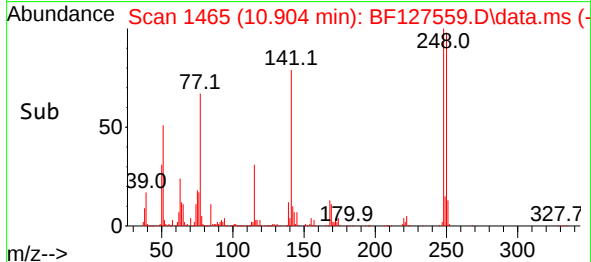
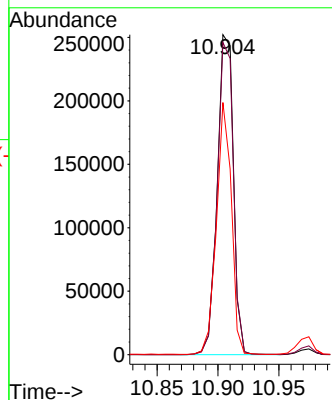
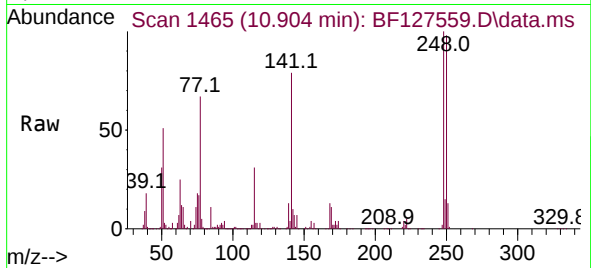




#67
4-Bromophenyl-phenylether
Concen: 41.371 ng
RT: 10.904 min Scan# 1465
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

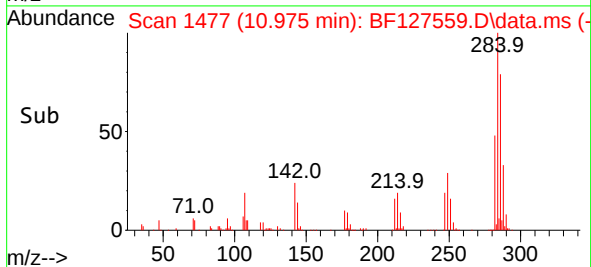
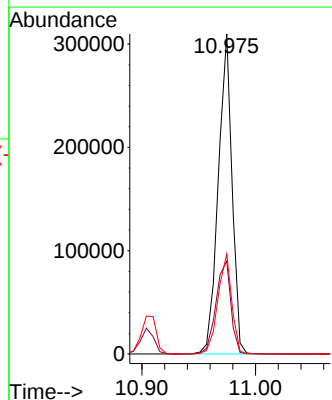
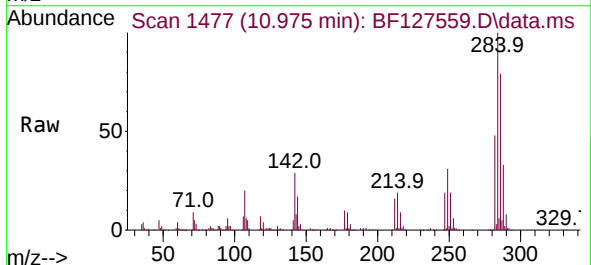
Instrument :
BNA_F
ClientSampleId :
PB143673BS

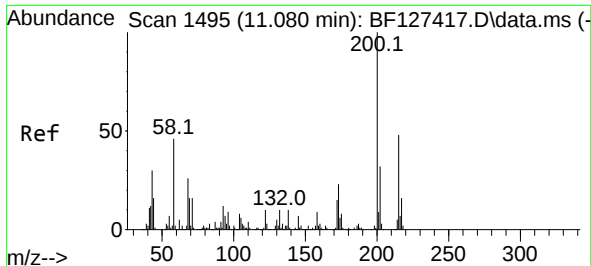
Tgt Ion:248 Resp: 233539
Ion Ratio Lower Upper
248 100
250 97.5 76.6 115.0
141 78.8 52.2 78.2#



#68
Hexachlorobenzene
Concen: 42.452 ng
RT: 10.975 min Scan# 1477
Delta R.T. 0.006 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion:284 Resp: 261583
Ion Ratio Lower Upper
284 100
142 29.0 23.8 35.8
249 31.3 23.9 35.9

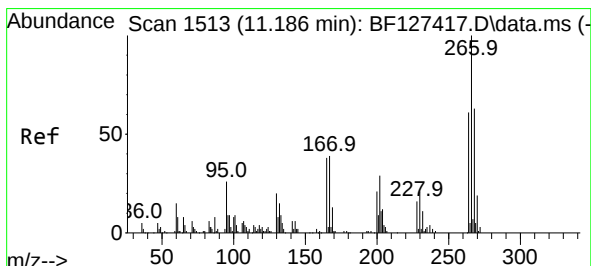
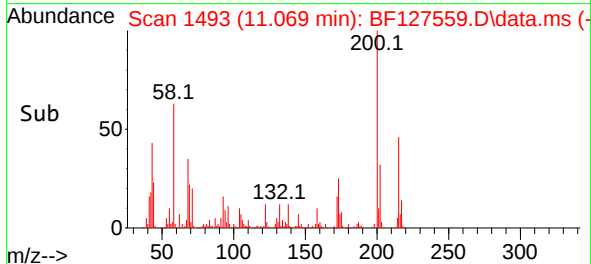
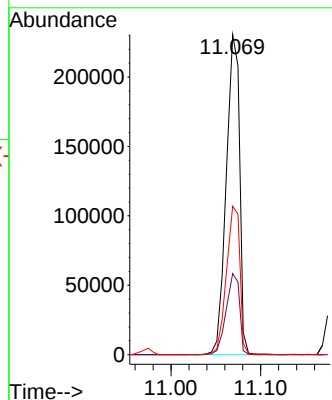
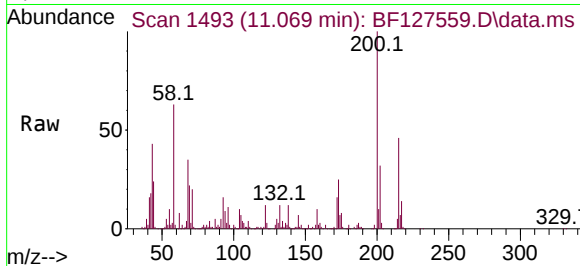




#69
Atrazine
Concen: 48.599 ng
RT: 11.069 min Scan# 1495
Delta R.T. 0.006 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

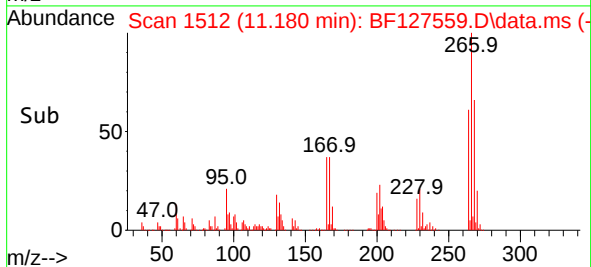
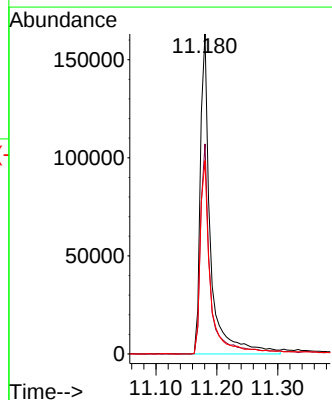
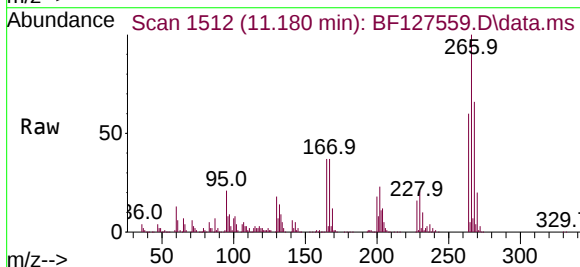
Instrument :
BNA_F
ClientSampleId :
PB143673BS

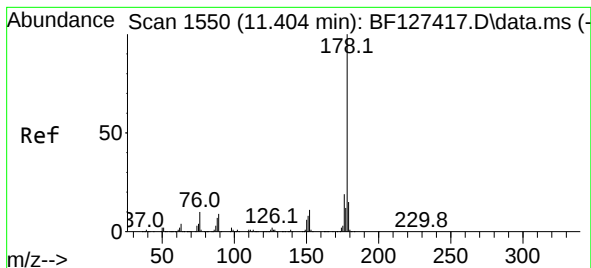
Tgt Ion:200 Resp: 238126
Ion Ratio Lower Upper
200 100
173 25.3 2.9 42.9
215 46.4 28.0 68.0



#70
Pentachlorophenol
Concen: 79.445 ng
RT: 11.180 min Scan# 1512
Delta R.T. 0.006 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion:266 Resp: 188885
Ion Ratio Lower Upper
266 100
268 65.6 50.4 75.6
264 60.4 48.5 72.7





#71

Phenanthrene

Concen: 40.579 ng

RT: 11.398 min Scan# 1549

Delta R.T. 0.006 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

Instrument :

BNA_F

ClientSampleId :

PB143673BS

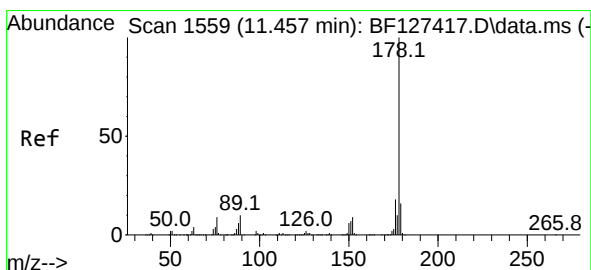
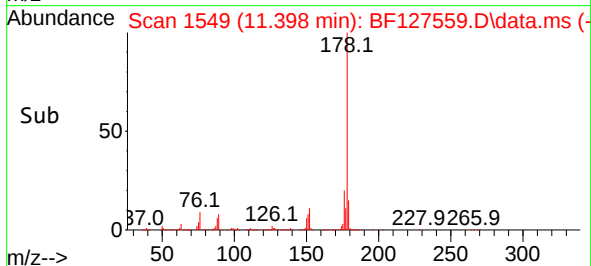
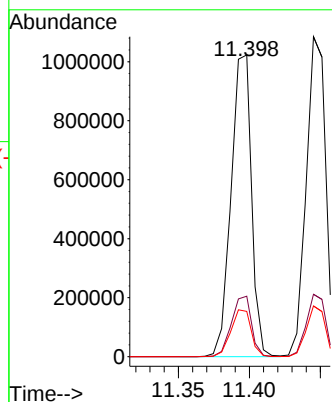
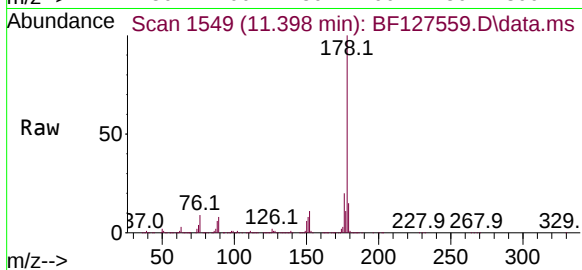
Tgt Ion:178 Resp: 1022884

Ion Ratio Lower Upper

178 100

176 20.0 15.4 23.2

179 15.0 12.4 18.6



#72

Anthracene

Concen: 41.713 ng

RT: 11.445 min Scan# 1557

Delta R.T. 0.000 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

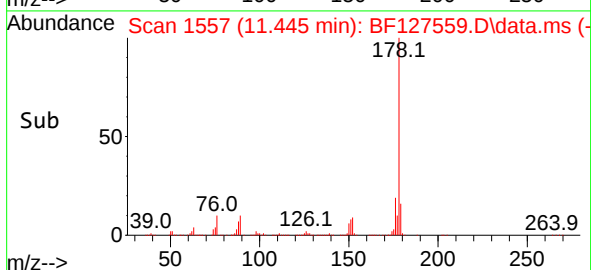
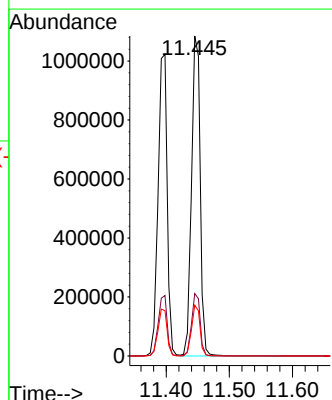
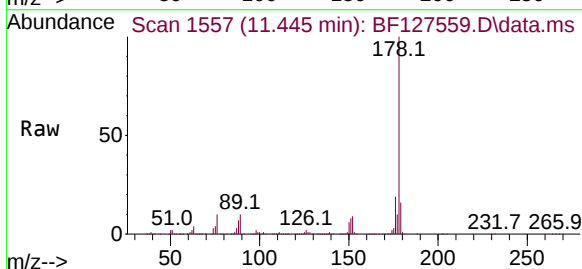
Tgt Ion:178 Resp: 1043452

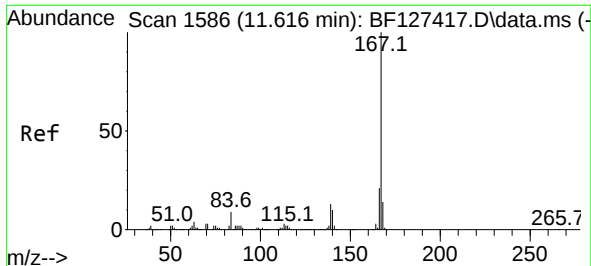
Ion Ratio Lower Upper

178 100

176 19.5 14.6 22.0

179 15.9 12.4 18.6

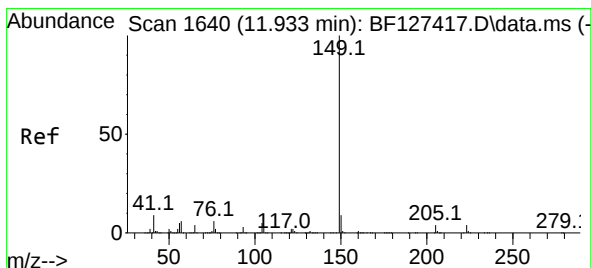
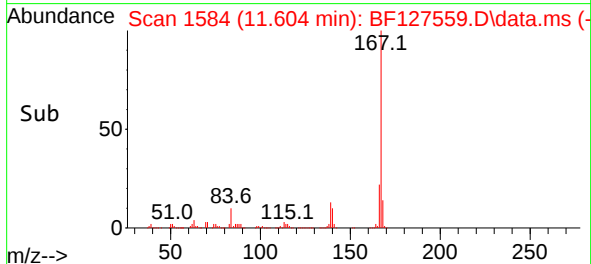
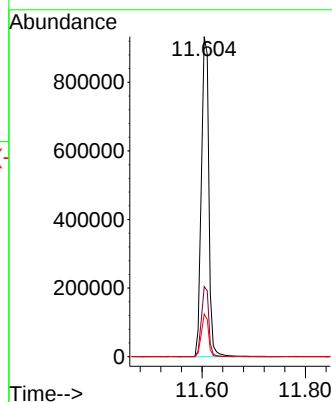
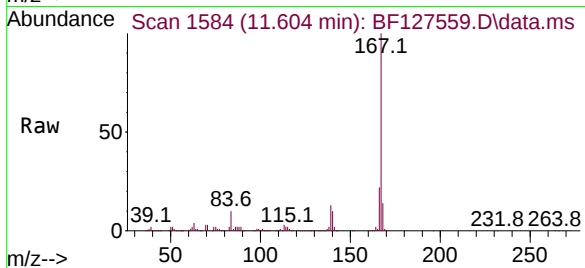




#73
 Carbazole
 Concen: 39.028 ng
 RT: 11.604 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127559.D
 Acq: 29 Mar 2022 12:06

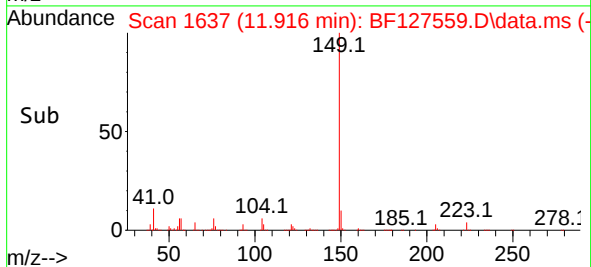
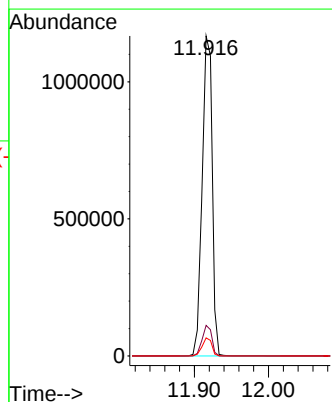
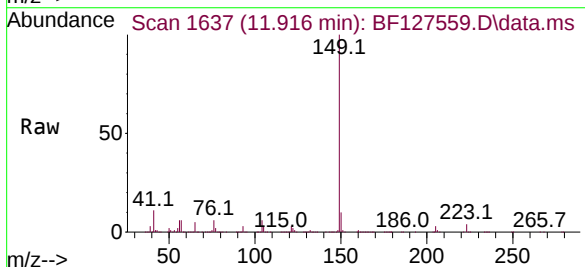
Instrument :
 BNA_F
 ClientSampleId :
 PB143673BS

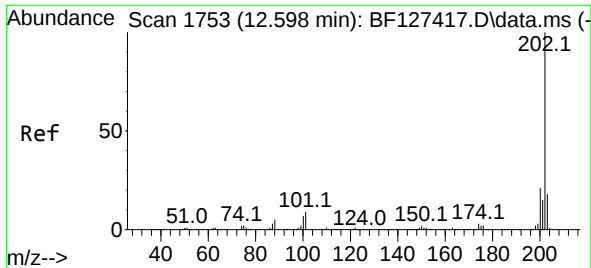
Tgt Ion:167 Resp: 933645
 Ion Ratio Lower Upper
 167 100
 166 21.9 17.0 25.4
 139 13.3 10.5 15.7



#74
 Di-n-butylphthalate
 Concen: 44.337 ng
 RT: 11.916 min Scan# 1637
 Delta R.T. 0.000 min
 Lab File: BF127559.D
 Acq: 29 Mar 2022 12:06

Tgt Ion:149 Resp: 1097876
 Ion Ratio Lower Upper
 149 100
 150 9.5 7.5 11.3
 104 5.6 4.2 6.2

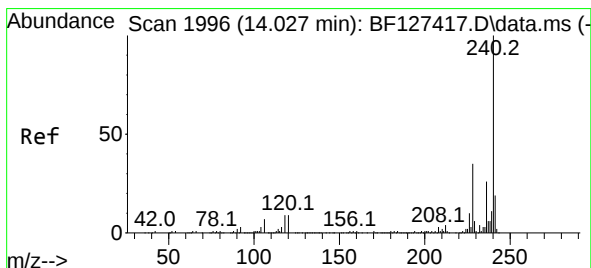
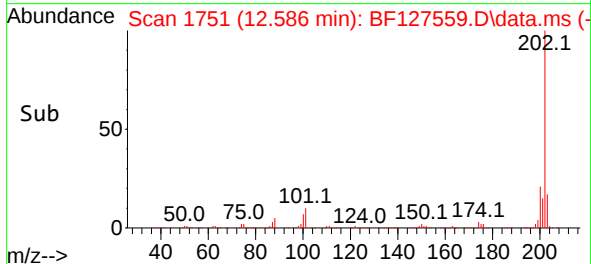
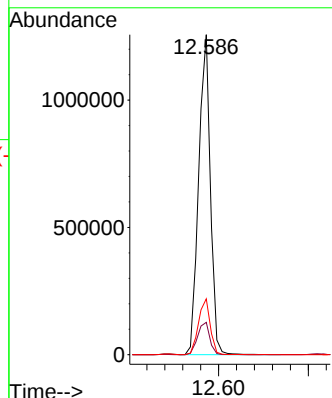
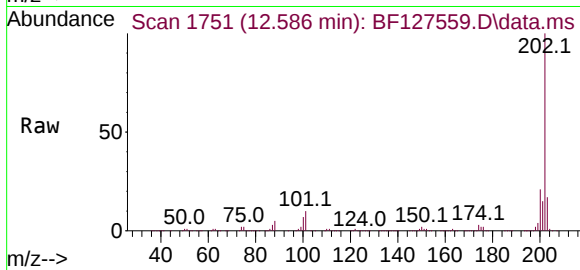




#75
Fluoranthene
Concen: 40.882 ng
RT: 12.586 min Scan# 1753
Delta R.T. 0.006 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

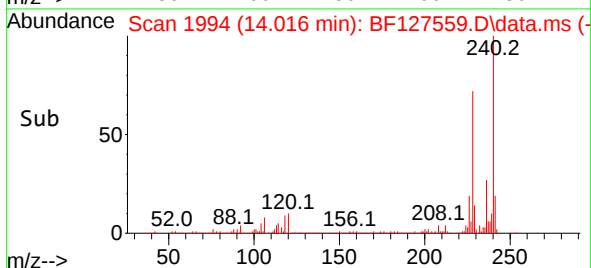
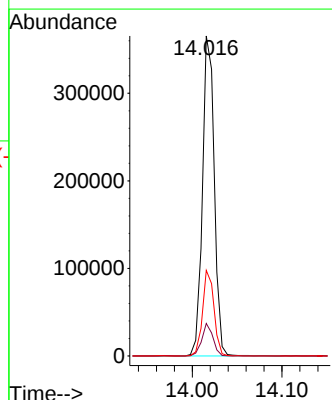
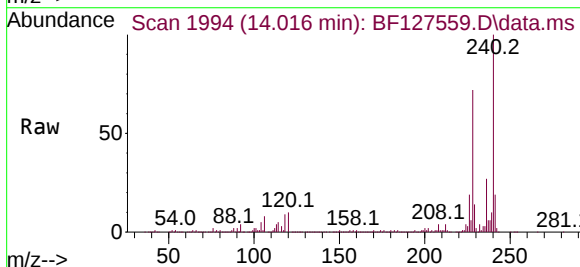
Instrument :
BNA_F
ClientSampleId :
PB143673BS

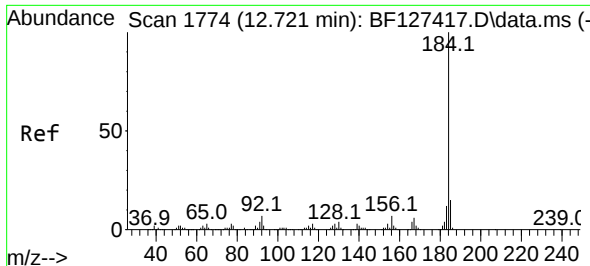
Tgt Ion:202 Resp: 1133451
Ion Ratio Lower Upper
202 100
101 10.1 0.0 29.0
203 17.5 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion:240 Resp: 334226
Ion Ratio Lower Upper
240 100
120 10.1 7.1 10.7
236 26.8 20.7 31.1

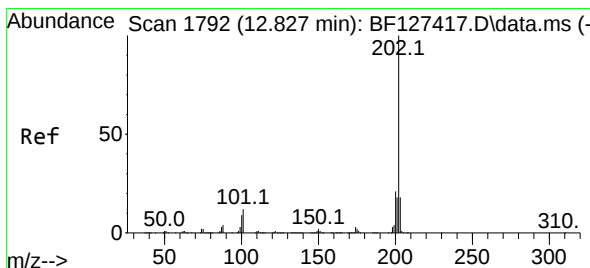
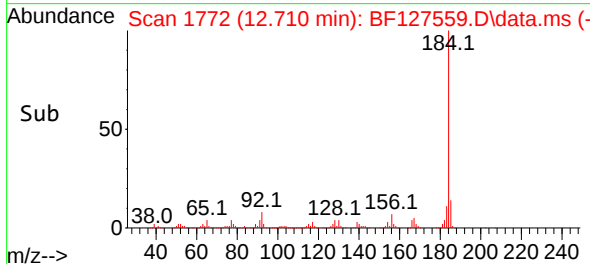
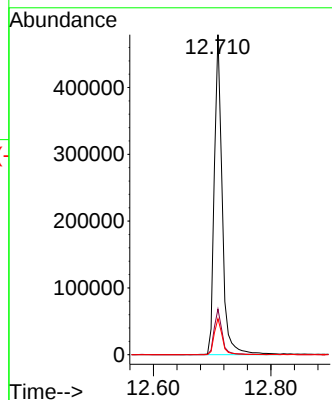
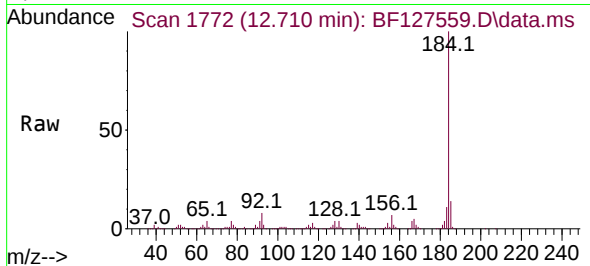




#77
Benzidine
Concen: 55.957 ng
RT: 12.710 min Scan# 1772
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

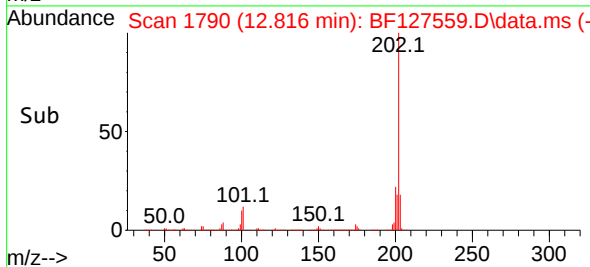
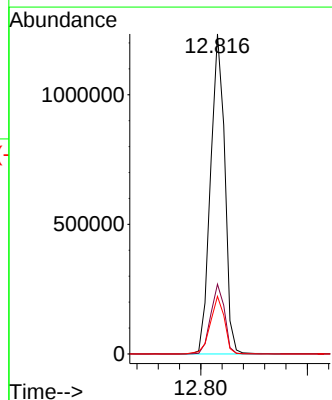
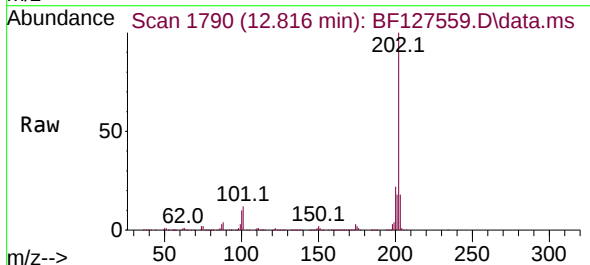
Instrument :
BNA_F
ClientSampleId :
PB143673BS

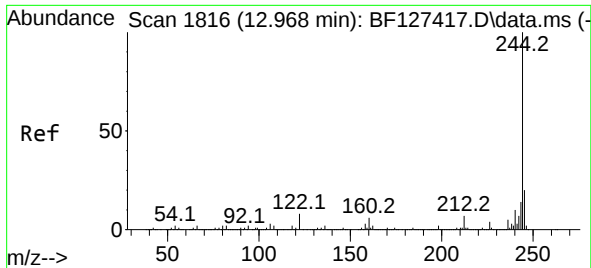
Tgt Ion:184 Resp: 445936
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.2
183 11.3 9.4 14.0



#78
Pyrene
Concen: 39.896 ng
RT: 12.816 min Scan# 1790
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion:202 Resp: 1144374
Ion Ratio Lower Upper
202 100
200 21.8 17.1 25.7
203 18.0 14.3 21.5

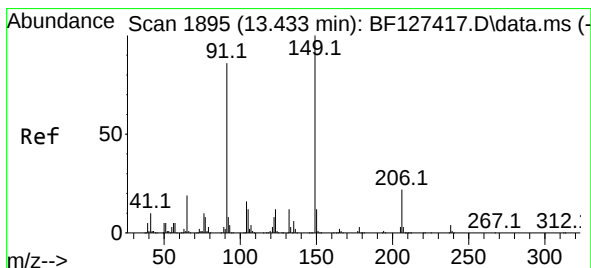
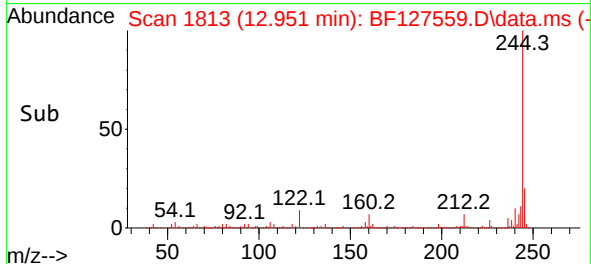
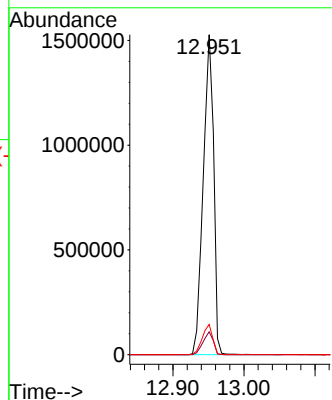
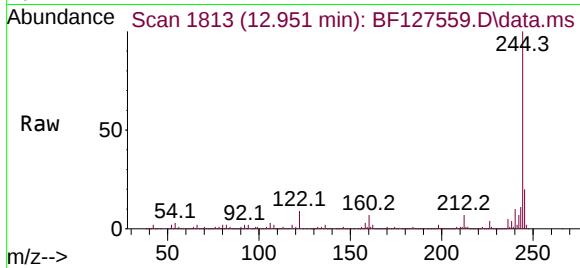




#79
 Terphenyl-d14
 Concen: 76.297 ng
 RT: 12.951 min Scan# 1813
 Delta R.T. 0.000 min
 Lab File: BF127559.D
 Acq: 29 Mar 2022 12:06

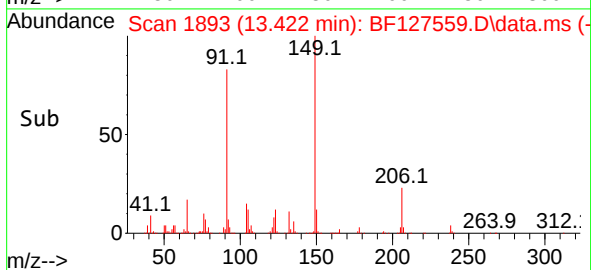
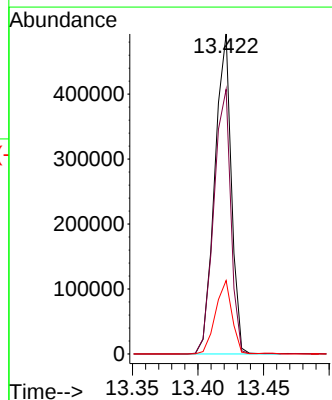
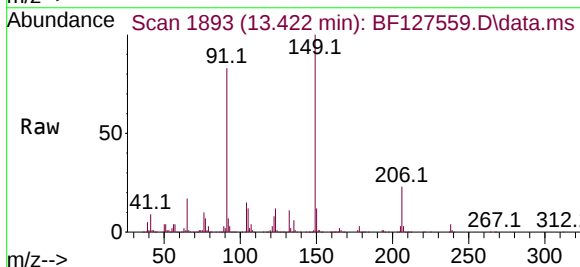
Instrument :
 BNA_F
 ClientSampleId :
 PB143673BS

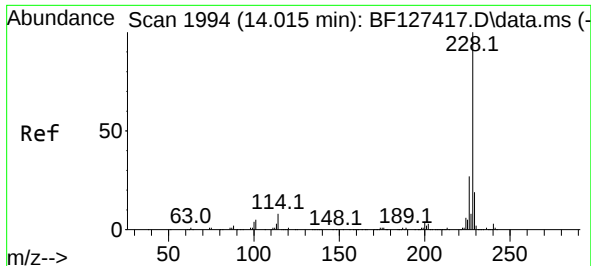
Tgt Ion:244 Resp: 1557731
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.7 8.5
 122 9.5 6.2 9.2#



#80
 Butylbenzylphthalate
 Concen: 45.908 ng
 RT: 13.422 min Scan# 1893
 Delta R.T. 0.006 min
 Lab File: BF127559.D
 Acq: 29 Mar 2022 12:06

Tgt Ion:149 Resp: 433400
 Ion Ratio Lower Upper
 149 100
 91 82.7 69.1 103.7
 206 22.9 17.7 26.5

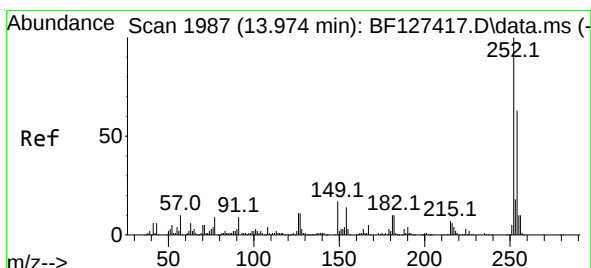
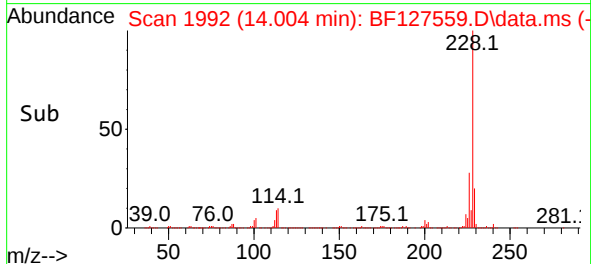
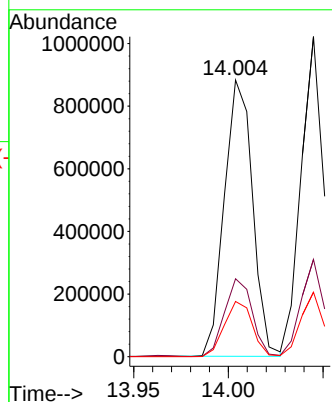
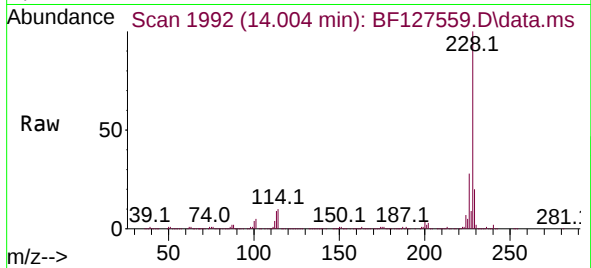




#81
Benzo(a)anthracene
Concen: 40.886 ng
RT: 14.004 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

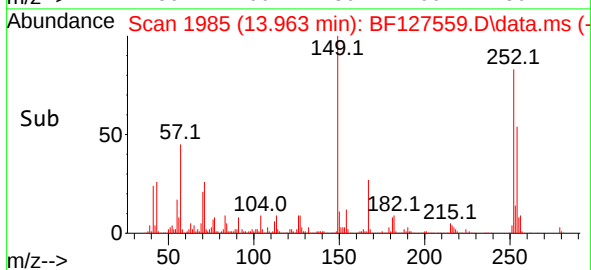
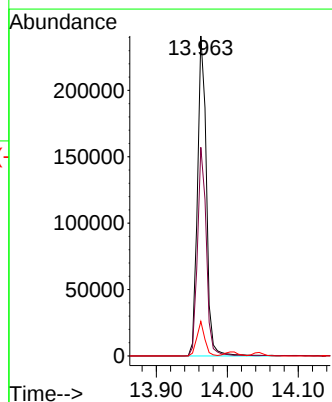
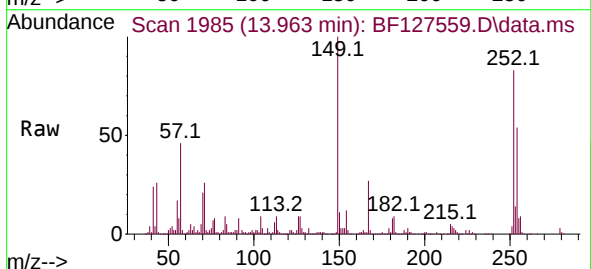
Instrument :
BNA_F
ClientSampleId :
PB143673BS

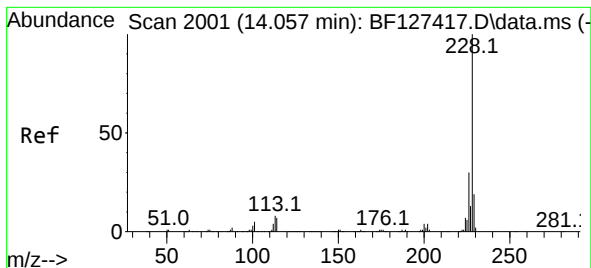
Tgt Ion:228 Resp: 913847
Ion Ratio Lower Upper
228 100
226 28.2 21.6 32.4
229 19.9 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 32.154 ng
RT: 13.963 min Scan# 1985
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion:252 Resp: 211222
Ion Ratio Lower Upper
252 100
254 65.2 50.2 75.4
126 10.8 8.7 13.1





#83

Chrysene

Concen: 40.971 ng

RT: 14.045 min Scan# 1999

Delta R.T. 0.006 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

Instrument :

BNA_F

ClientSampleId :

PB143673BS

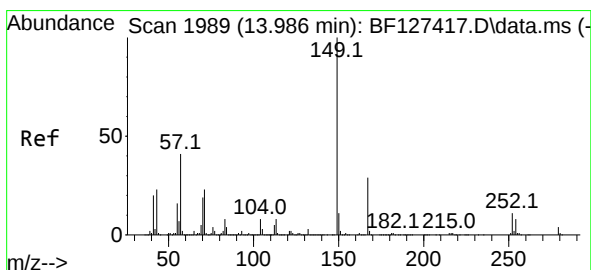
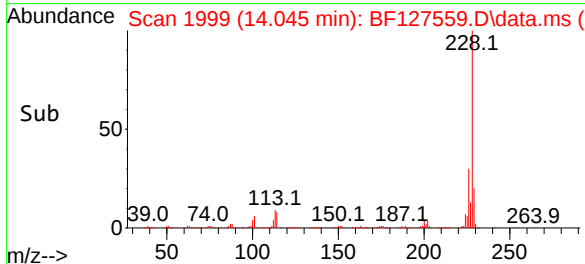
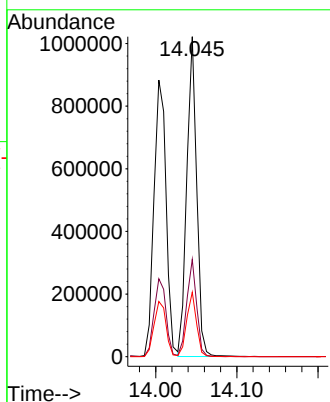
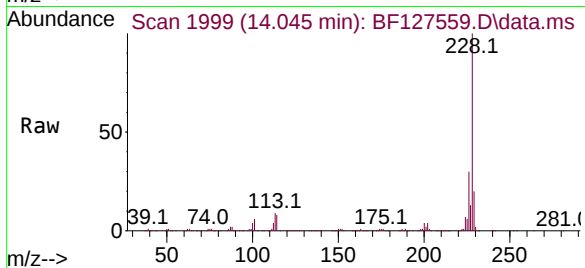
Tgt Ion:228 Resp: 867154

Ion Ratio Lower Upper

228 100

226 30.4 24.2 36.4

229 20.2 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.305 ng

RT: 13.969 min Scan# 1986

Delta R.T. 0.000 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

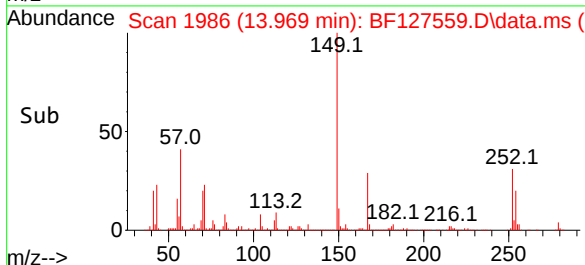
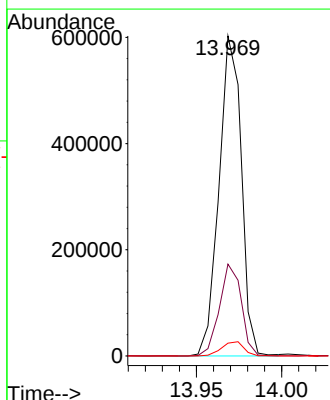
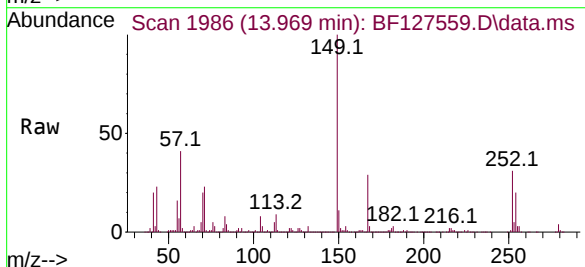
Tgt Ion:149 Resp: 548972

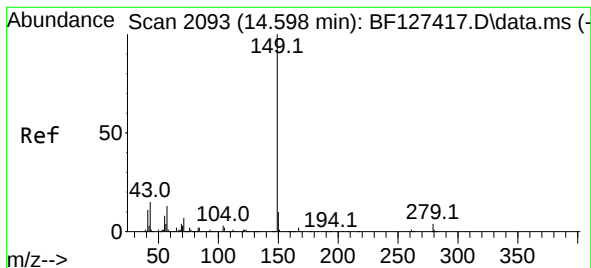
Ion Ratio Lower Upper

149 100

167 28.7 22.9 34.3

279 4.0 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 58.493 ng

RT: 14.586 min Scan# 2091

Delta R.T. 0.000 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

Instrument :

BNA_F

ClientSampleId :

PB143673BS

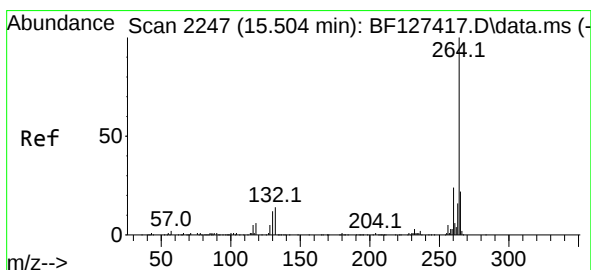
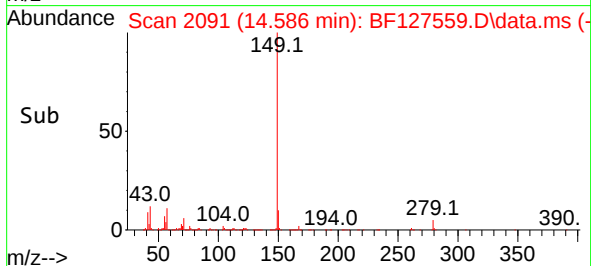
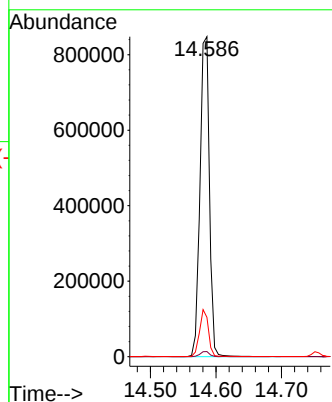
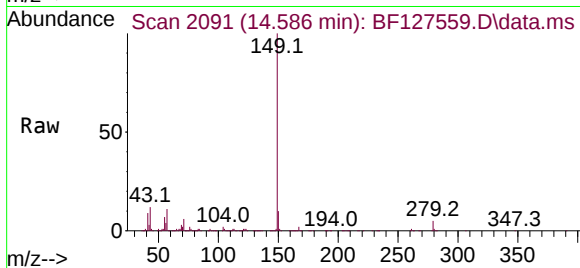
Tgt Ion:149 Resp: 849439

Ion Ratio Lower Upper

149 100

167 1.6 1.3 1.9

43 13.8 11.0 16.6



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.492 min Scan# 2245

Delta R.T. 0.000 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

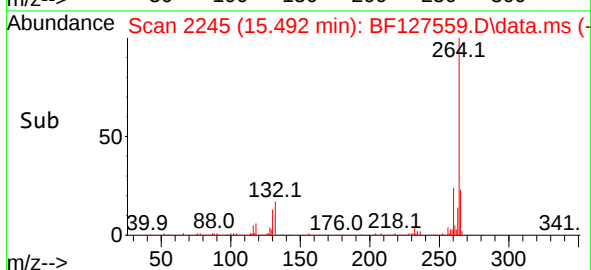
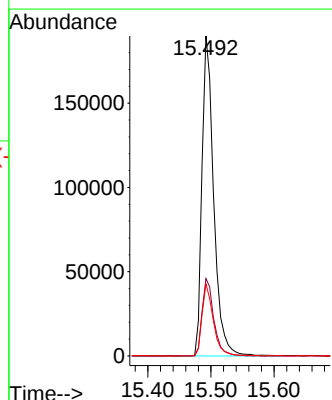
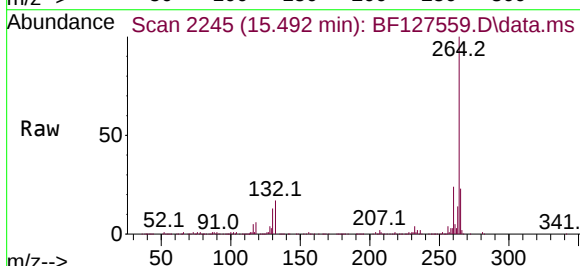
Tgt Ion:264 Resp: 245352

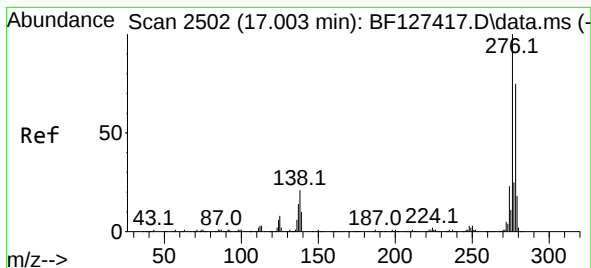
Ion Ratio Lower Upper

264 100

260 24.2 19.1 28.7

265 22.5 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 37.915 ng

RT: 16.998 min Scan# 21

Delta R.T. 0.006 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

Instrument :

BNA_F

ClientSampleId :

PB143673BS

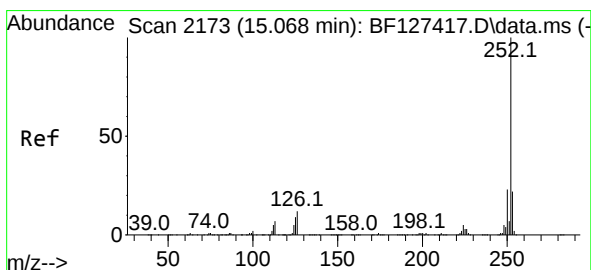
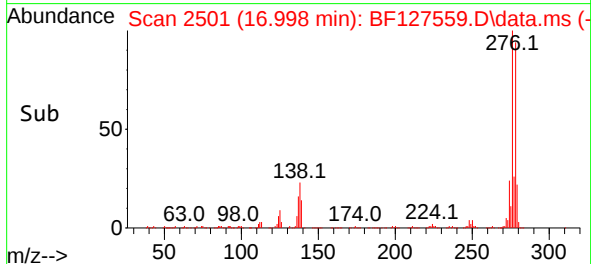
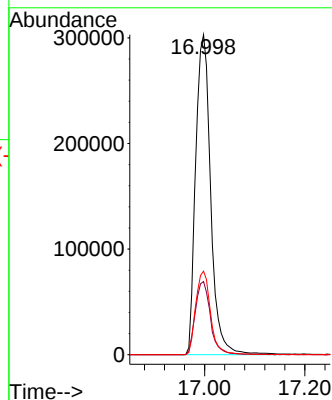
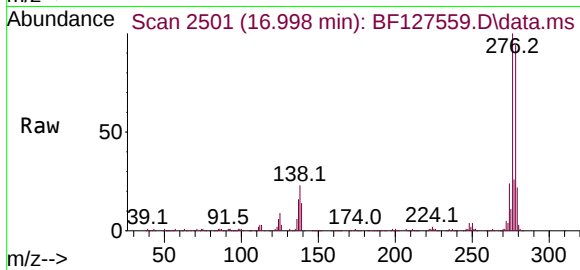
Tgt Ion:276 Resp: 629473

Ion Ratio Lower Upper

276 100

138 23.0 17.1 25.7

277 25.6 19.9 29.9



#88

Benzo(b)fluoranthene

Concen: 44.463 ng

RT: 15.063 min Scan# 2172

Delta R.T. 0.006 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

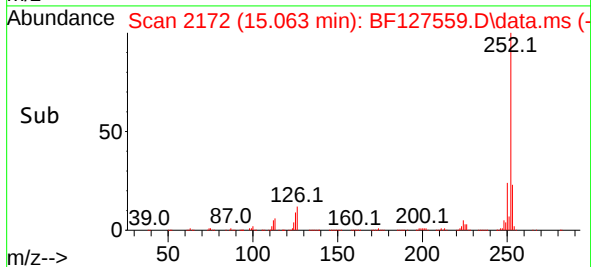
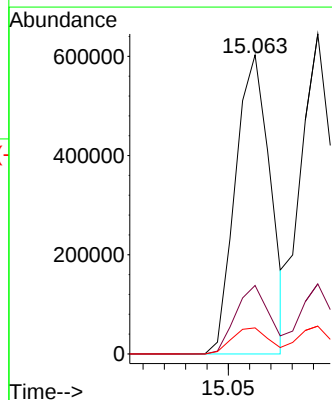
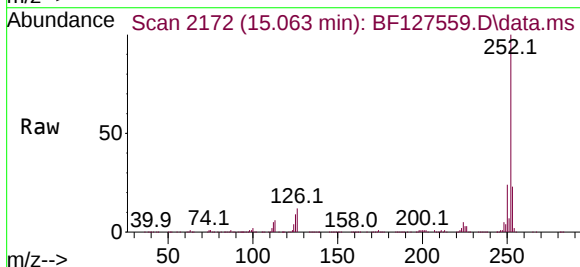
Tgt Ion:252 Resp: 687847

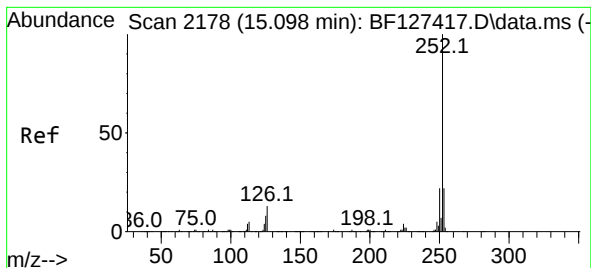
Ion Ratio Lower Upper

252 100

253 22.9 17.9 26.9

125 8.7 7.0 10.4





#89

Benzo(k)fluoranthene

Concen: 43.667 ng

RT: 15.092 min Scan# 2178

Delta R.T. 0.006 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

Instrument :

BNA_F

ClientSampleId :

PB143673BS

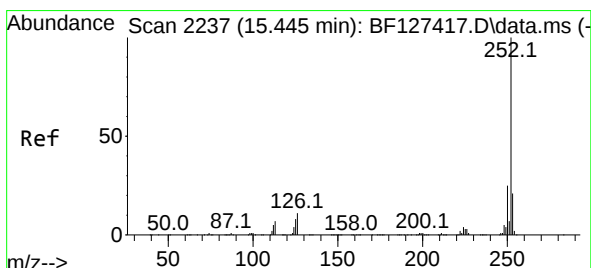
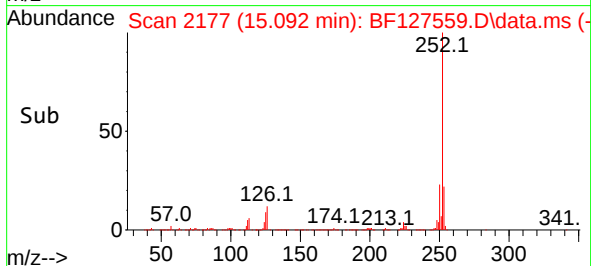
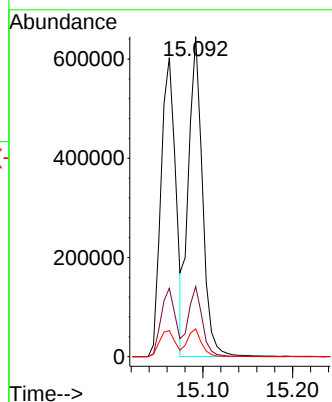
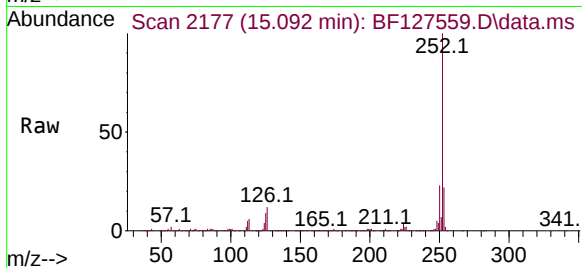
Tgt Ion:252 Resp: 700306

Ion Ratio Lower Upper

252 100

253 21.9 17.3 25.9

125 8.7 6.9 10.3



#90

Benzo(a)pyrene

Concen: 51.227 ng

RT: 15.433 min Scan# 2235

Delta R.T. 0.006 min

Lab File: BF127559.D

Acq: 29 Mar 2022 12:06

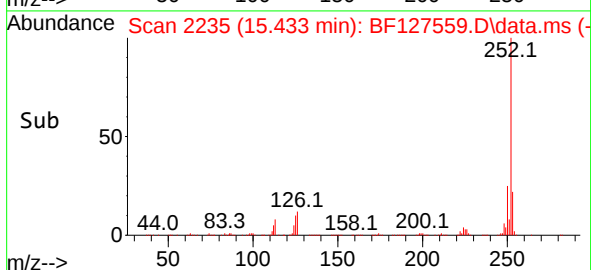
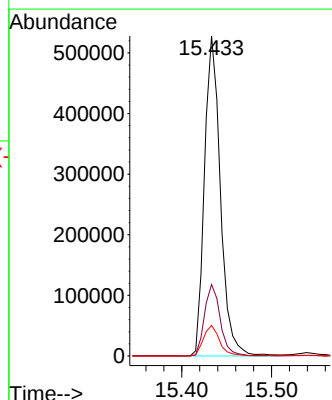
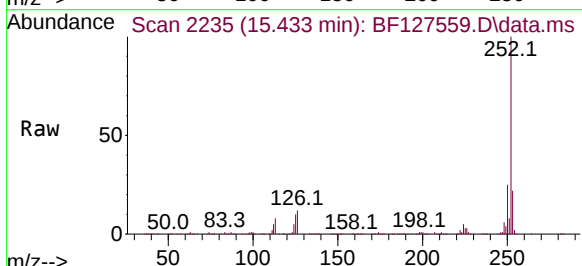
Tgt Ion:252 Resp: 650377

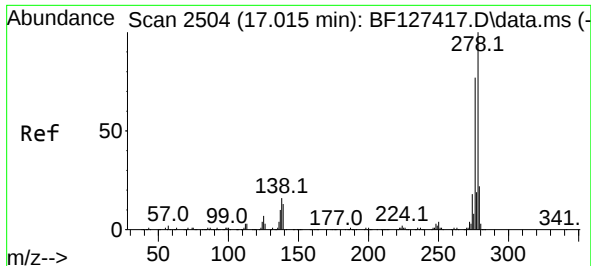
Ion Ratio Lower Upper

252 100

253 22.4 17.0 25.6

125 9.6 6.7 10.1

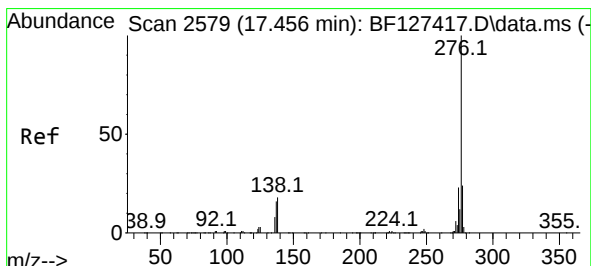
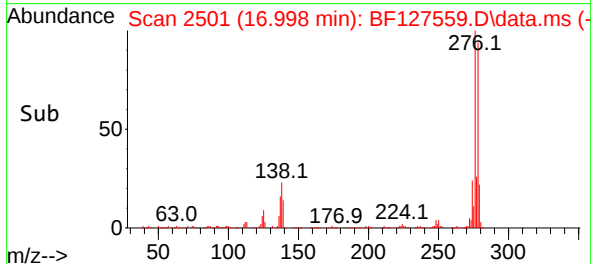
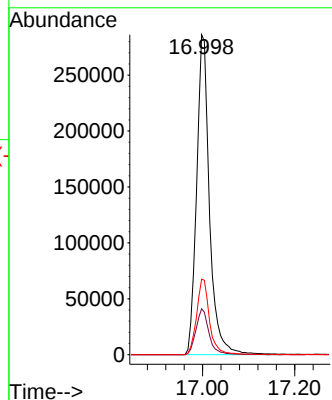
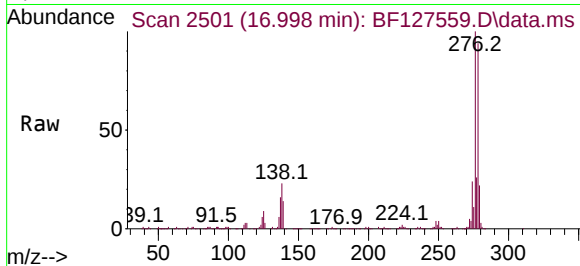




#91
Dibenzo(a,h)anthracene
Concen: 40.440 ng
RT: 16.998 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Instrument :
BNA_F
ClientSampleId :
PB143673BS

Tgt Ion:278 Resp: 554297
Ion Ratio Lower Upper
278 100
139 14.4 10.8 16.2
279 23.6 17.7 26.5



#92
Benzo(g,h,i)perylene
Concen: 39.766 ng
RT: 17.451 min Scan# 2578
Delta R.T. 0.006 min
Lab File: BF127559.D
Acq: 29 Mar 2022 12:06

Tgt Ion:276 Resp: 563390
Ion Ratio Lower Upper
276 100
277 24.0 19.0 28.4
138 20.4 14.6 22.0

