

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF041222\
 Data File : BF127755.D
 Acq On : 12 Apr 2022 13:33
 Operator : CG\JU
 Sample : PB144025BS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB144025BS

Quant Time: Apr 13 07:23:40 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF040622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 13 07:19:18 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.957	152	134699	20.000	ng	0.00
21) Naphthalene-d8	8.245	136	499091	20.000	ng	# 0.00
39) Acenaphthene-d10	10.004	164	285282	20.000	ng	0.00
64) Phenanthrene-d10	11.492	188	522094	20.000	ng	0.00
76) Chrysene-d12	14.139	240	318319	20.000	ng	0.00
86) Perylene-d12	15.657	264	267221	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.593	112	1035006	124.855	ng	0.01
7) Phenol-d6	6.587	99	1337205	123.306	ng	0.00
23) Nitrobenzene-d5	7.528	82	936107	83.618	ng	0.00
42) 2,4,6-Tribromophenol	10.798	330	430360	141.760	ng	0.00
45) 2-Fluorobiphenyl	9.322	172	1617778	80.223	ng	0.00
79) Terphenyl-d14	13.080	244	1812008	93.959	ng	0.00
Target Compounds						
						Qvalue
2) 1,4-Dioxane	2.899	88	143822	36.578	ng	85
3) Pyridine	3.652	79	390687	37.726	ng	# 80
4) n-Nitrosodimethylamine	3.616	42	233468	41.920	ng	99
6) Aniline	6.622	93	465739	36.008	ng	94
8) 2-Chlorophenol	6.745	128	418414	49.758	ng	92
9) Benzaldehyde	6.510	77	311019	61.038	ng	97
10) Phenol	6.598	94	526995	48.599	ng	98
11) bis(2-Chloroethyl)ether	6.692	93	413648	46.191	ng	92
12) 1,3-Dichlorobenzene	6.898	146	439228	45.713	ng	97
13) 1,4-Dichlorobenzene	6.975	146	453222	46.662	ng	99
14) 1,2-Dichlorobenzene	7.128	146	433241	46.664	ng	98
15) Benzyl Alcohol	7.098	79	415708	43.848	ng	94
16) 2,2'-oxybis(1-Chloropr...	7.228	45	590455	41.771	ng	96
17) 2-Methylphenol	7.204	107	349816	47.824	ng	98
18) Hexachloroethane	7.469	117	166890	45.029	ng	99
19) n-Nitroso-di-n-propyla...	7.369	70	316114	45.069	ng	95
20) 3+4-Methylphenols	7.357	107	426905	45.799	ng	# 72
22) Acetophenone	7.369	105	579464	43.207	ng	# 83
24) Nitrobenzene	7.545	77	497575	45.850	ng	97
25) Isophorone	7.781	82	900049	46.075	ng	98
26) 2-Nitrophenol	7.857	139	212624	54.519	ng	92
27) 2,4-Dimethylphenol	7.887	122	387754	50.782	ng	90
28) bis(2-Chloroethoxy)met...	7.987	93	516938	42.917	ng	100
29) 2,4-Dichlorophenol	8.098	162	377625	45.909	ng	93
30) 1,2,4-Trichlorobenzene	8.181	180	422660	44.647	ng	98
31) Naphthalene	8.263	128	1175156	44.935	ng	98
32) Benzoic acid	8.010	122	266975	48.192	ng	93
33) 4-Chloroaniline	8.310	127	159824	15.517	ng	94
34) Hexachlorobutadiene	8.375	225	285510	43.844	ng	99
35) Caprolactam	8.686	113	63610	26.165	ng	# 68
36) 4-Chloro-3-methylphenol	8.792	107	400739	46.469	ng	100
37) 2-Methylnaphthalene	8.957	142	790501	45.193	ng	99
38) 1-Methylnaphthalene	9.057	142	759424	44.981	ng	97
40) 1,2,4,5-Tetrachloroben...	9.122	216	422394	45.142	ng	# 98
41) Hexachlorocyclopentadiene	9.104	237	583386	103.503	ng	97
43) 2,4,6-Trichlorophenol	9.233	196	284865	44.842	ng	99

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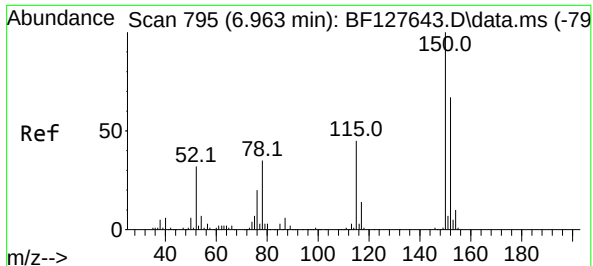
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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
44) 2,4,5-Trichlorophenol	9.269	196	302135	47.134	ng	99
46) 1,1'-Biphenyl	9.422	154	969079	44.417	ng	99
47) 2-Chloronaphthalene	9.451	162	772075	44.530	ng	99
48) 2-Nitroaniline	9.545	65	269508	50.048	ng	# 87
49) Acenaphthylene	9.869	152	1270047	48.158	ng	99
50) Dimethylphthalate	9.722	163	933305	45.134	ng	99
51) 2,6-Dinitrotoluene	9.786	165	205527	52.728	ng	89
52) Acenaphthene	10.039	154	840128	50.564	ng	98
53) 3-Nitroaniline	9.951	138	114313	27.761	ng	96
54) 2,4-Dinitrophenol	10.063	184	214829	109.130	ng	94
55) Dibenzofuran	10.210	168	1086148	44.797	ng	97
56) 4-Nitrophenol	10.116	139	317688	98.222	ng	86
57) 2,4-Dinitrotoluene	10.192	165	276680	57.253	ng	# 80
58) Fluorene	10.557	166	827303	46.181	ng	98
59) 2,3,4,6-Tetrachlorophenol	10.322	232	265105	47.462	ng	100
60) Diethylphthalate	10.422	149	859417	43.431	ng	99
61) 4-Chlorophenyl-phenyle...	10.545	204	434331	44.125	ng	98
62) 4-Nitroaniline	10.575	138	202103	52.112	ng	90
63) Azobenzene	10.704	77	914748	41.370	ng	97
65) 4,6-Dinitro-2-methylph...	10.598	198	142079	56.342	ng	# 82
66) n-Nitrosodiphenylamine	10.663	169	733666	44.618	ng	99
67) 4-Bromophenyl-phenylether	11.033	248	291048	45.933	ng	# 92
68) Hexachlorobenzene	11.098	284	337200	48.682	ng	99
69) Atrazine	11.192	200	279714	51.200	ng	99
70) Pentachlorophenol	11.292	266	377296	91.202	ng	99
71) Phenanthrene	11.522	178	1240805	44.856	ng	99
72) Anthracene	11.575	178	1268927	46.374	ng	99
73) Carbazole	11.727	167	1128833	44.027	ng	99
74) Di-n-butylphthalate	12.051	149	1245194	40.626	ng	99
75) Fluoranthene	12.710	202	1364250	45.195	ng	99
77) Benzidine	12.833	184	480965	57.889	ng	99
78) Pyrene	12.945	202	1374250	51.126	ng	99
80) Butylbenzylphthalate	13.551	149	432398	43.204	ng	96
81) Benzo(a)anthracene	14.127	228	1002268	47.143	ng	100
82) 3,3'-Dichlorobenzidine	14.086	252	165011	24.896	ng	98
83) Chrysene	14.168	228	912473	44.712	ng	99
84) Bis(2-ethylhexyl)phtha...	14.110	149	497757	35.284	ng	98
85) Di-n-octyl phthalate	14.727	149	648972	31.462	ng	# 93
87) Indeno(1,2,3-cd)pyrene	17.221	276	896975	53.725	ng	98
88) Benzo(b)fluoranthene	15.204	252	823342	47.896	ng	100
89) Benzo(k)fluoranthene	15.239	252	767849	45.037	ng	98
90) Benzo(a)pyrene	15.592	252	780165	55.837	ng	98
91) Dibenzo(a,h)anthracene	17.239	278	762645	56.378	ng	98
92) Benzo(g,h,i)perylene	17.698	276	804339	57.999	ng	98

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

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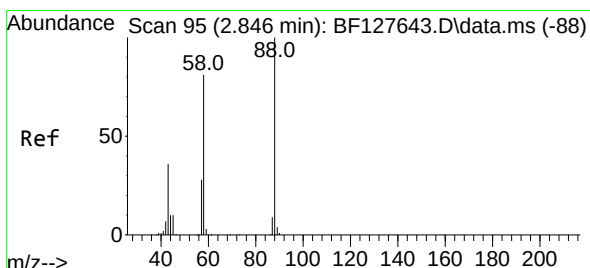
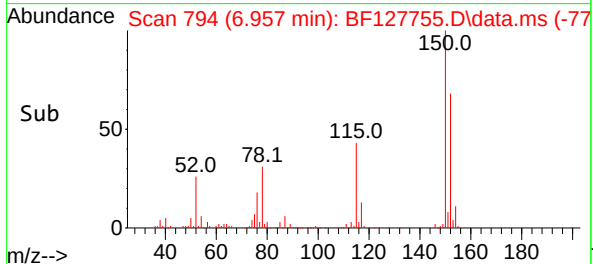
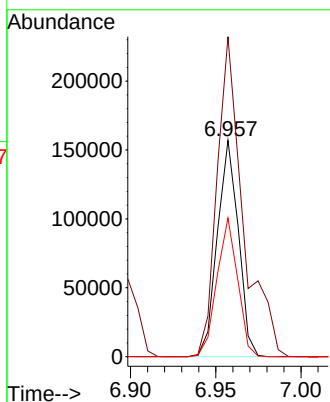
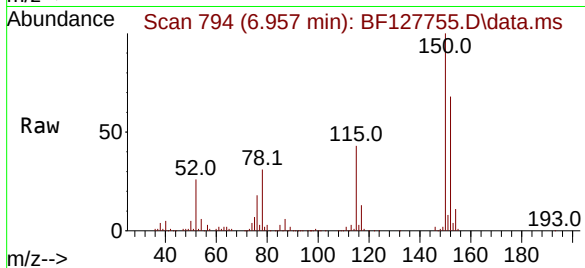




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.957 min Scan# 79
 Delta R.T. 0.000 min
 Lab File: BF127755.D
 Acq: 12 Apr 2022 13:33

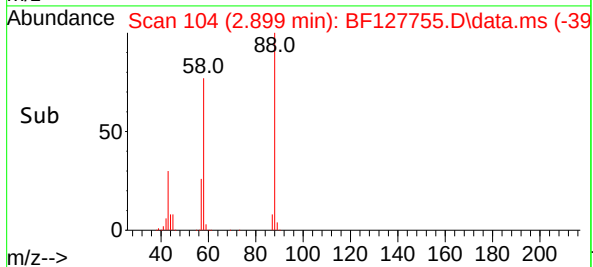
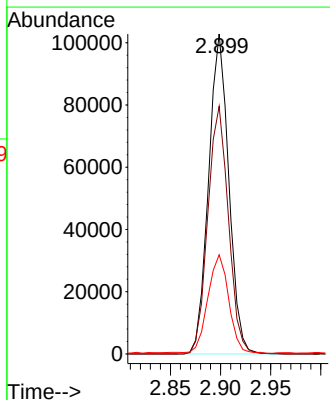
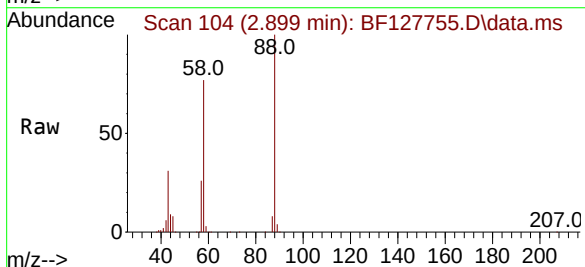
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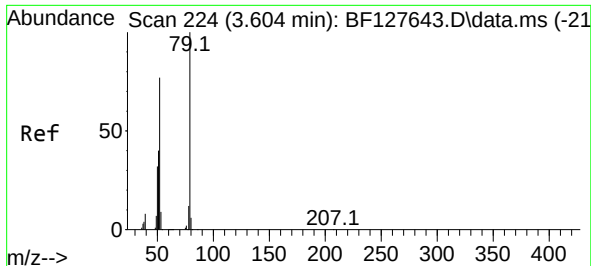
Tgt Ion:152 Resp: 134699
 Ion Ratio Lower Upper
 152 100
 150 147.9 117.2 175.8
 115 64.1 49.8 74.6



#2
 1,4-Dioxane
 Concen: 36.578 ng
 RT: 2.899 min Scan# 104
 Delta R.T. 0.082 min
 Lab File: BF127755.D
 Acq: 12 Apr 2022 13:33

Tgt Ion: 88 Resp: 143822
 Ion Ratio Lower Upper
 88 100
 58 79.3 77.0 115.4
 43 32.4 31.3 46.9

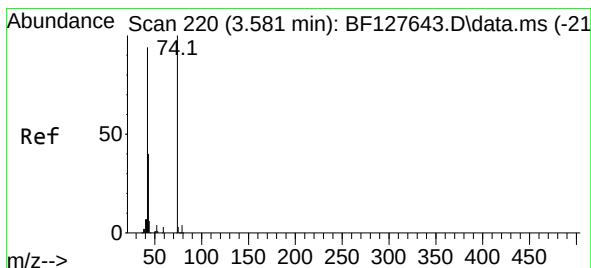
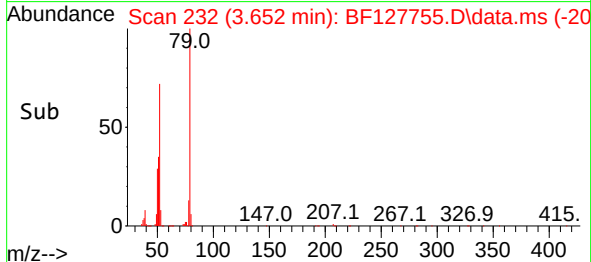
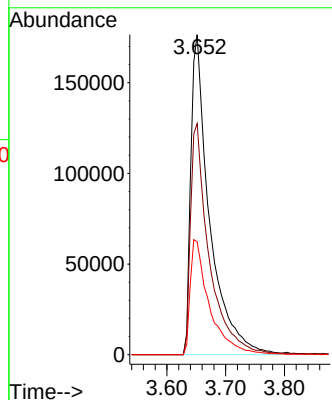
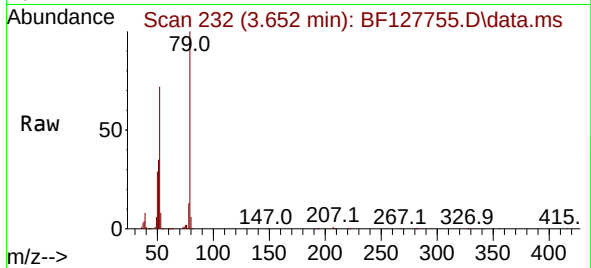




#3
Pyridine
Concen: 37.726 ng
RT: 3.652 min Scan# 21
Delta R.T. 0.071 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

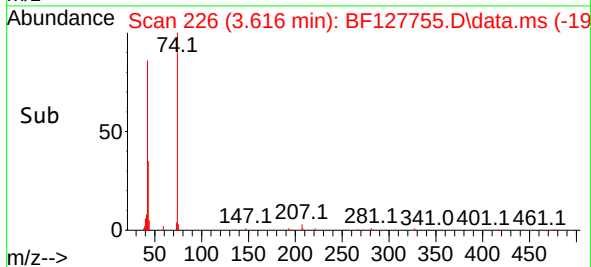
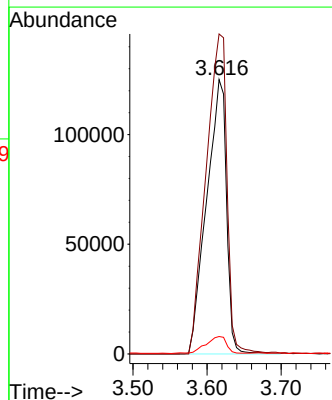
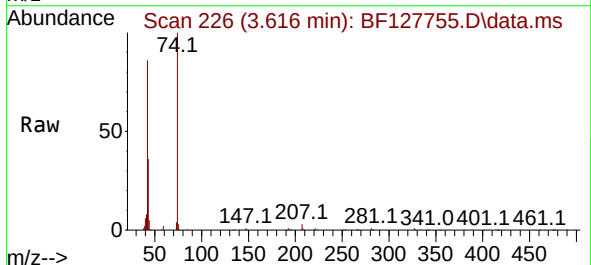
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BNA_F
ClientSampleId :
PB144025BS

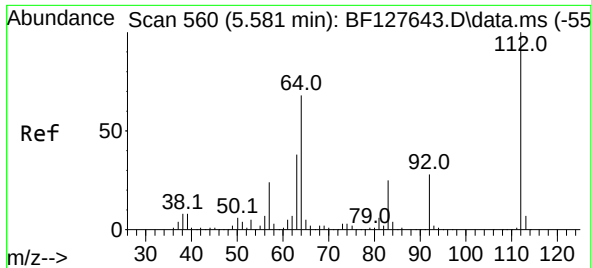
Tgt Ion: 79 Resp: 390687
Ion Ratio Lower Upper
79 100
52 72.2 74.2 111.4#
51 35.2 36.7 55.1#



#4
n-Nitrosodimethylamine
Concen: 41.920 ng
RT: 3.616 min Scan# 226
Delta R.T. 0.065 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion: 42 Resp: 233468
Ion Ratio Lower Upper
42 100
74 116.6 92.4 138.6
44 6.4 6.0 9.0

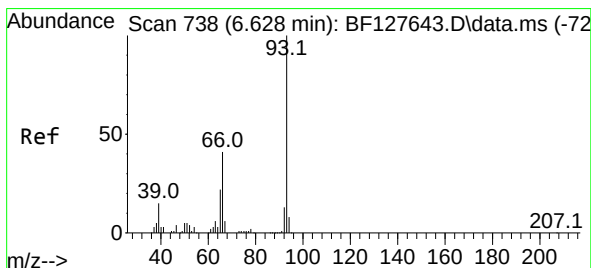
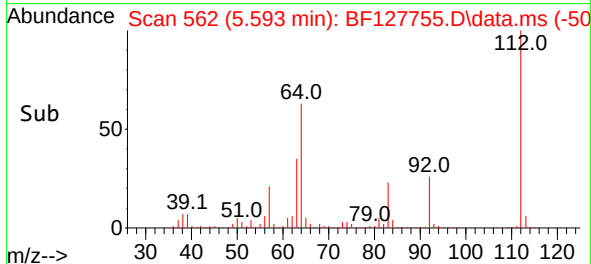
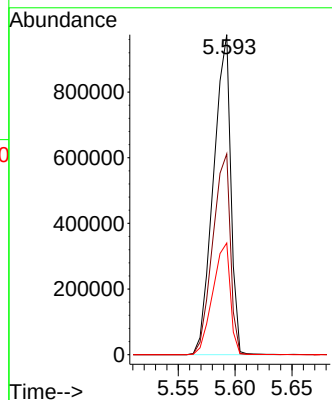
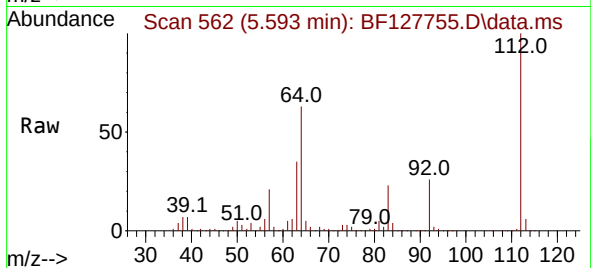




#5
2-Fluorophenol
Concen: 124.855 ng
RT: 5.593 min Scan# 50
Delta R.T. 0.012 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

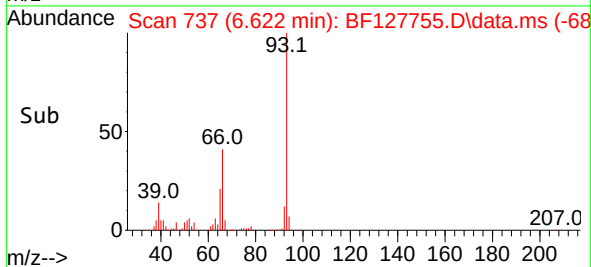
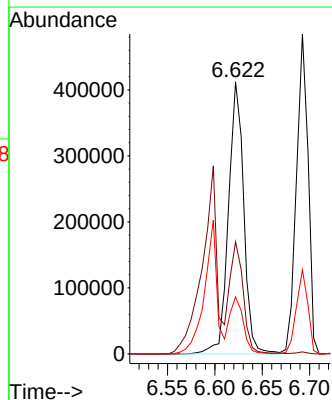
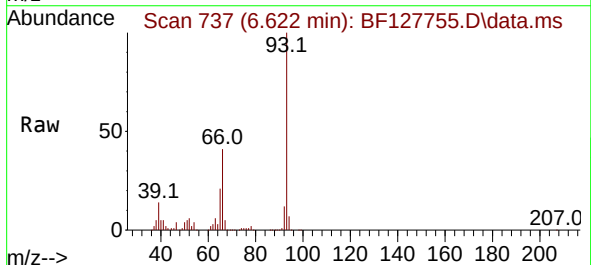
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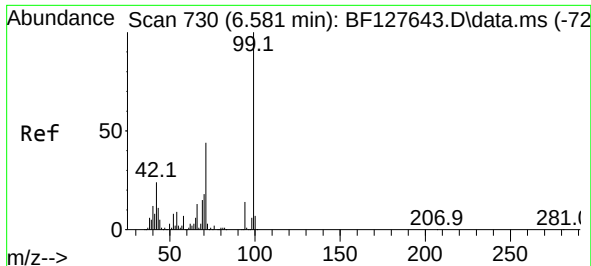
Tgt Ion:112 Resp: 1035006
Ion Ratio Lower Upper
112 100
64 62.8 58.4 87.6
63 34.9 30.1 45.1



#6
Aniline
Concen: 36.008 ng
RT: 6.622 min Scan# 737
Delta R.T. -0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion: 93 Resp: 465739
Ion Ratio Lower Upper
93 100
66 41.2 36.2 54.4
65 21.0 18.4 27.6

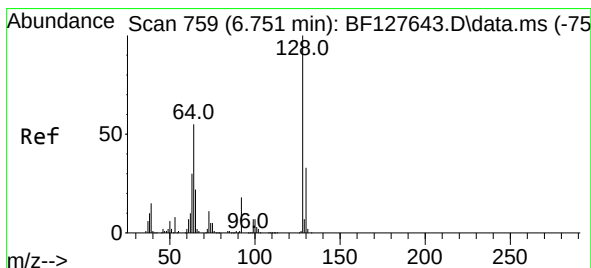
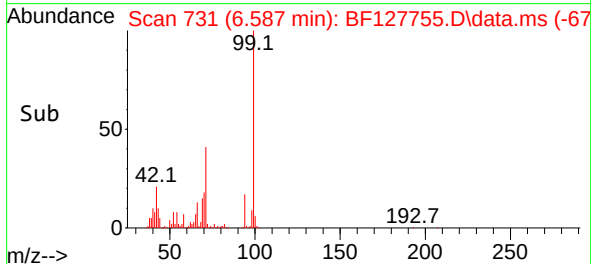
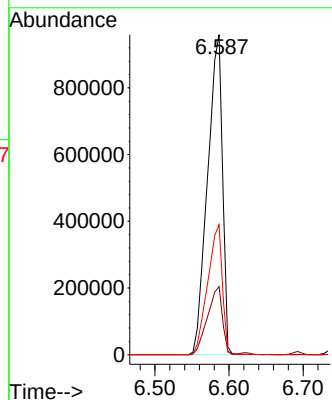
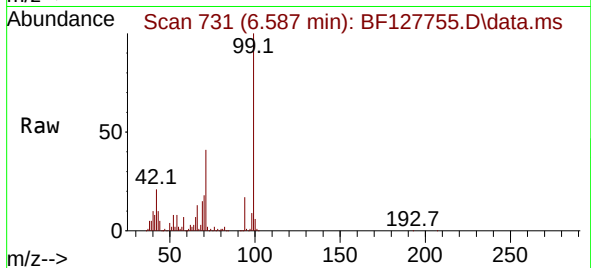




#7
Phenol-d6
Concen: 123.306 ng
RT: 6.587 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

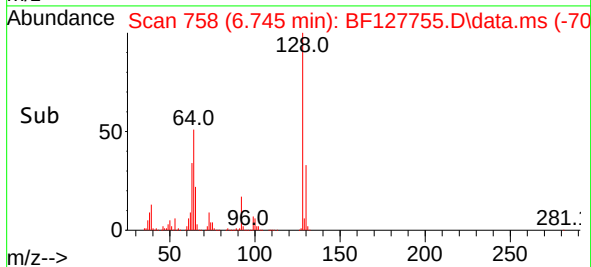
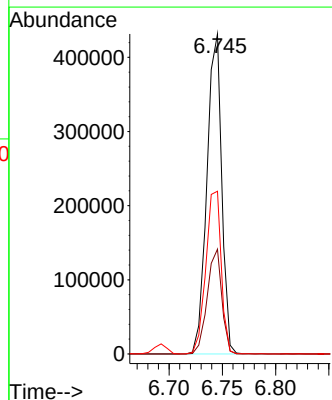
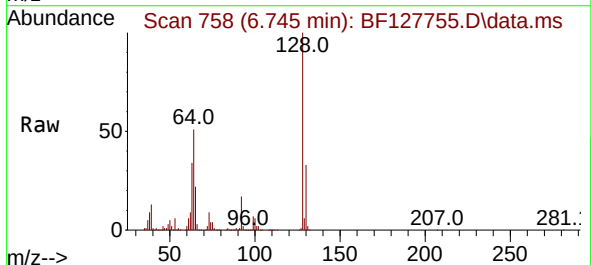
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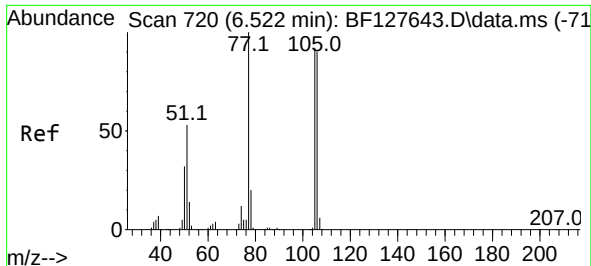
Tgt Ion: 99 Resp: 1337205
Ion Ratio Lower Upper
99 100
42 21.3 17.8 26.6
71 40.6 29.6 44.4



#8
2-Chlorophenol
Concen: 49.758 ng
RT: 6.745 min Scan# 758
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion: 128 Resp: 418414
Ion Ratio Lower Upper
128 100
130 32.7 11.3 51.3
64 50.9 38.4 78.4

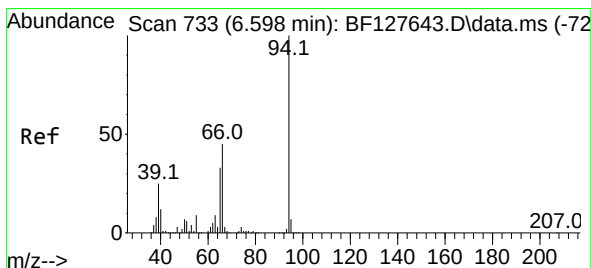
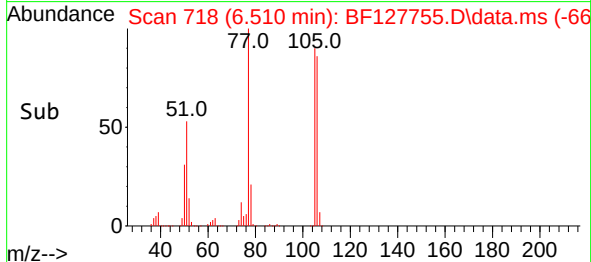
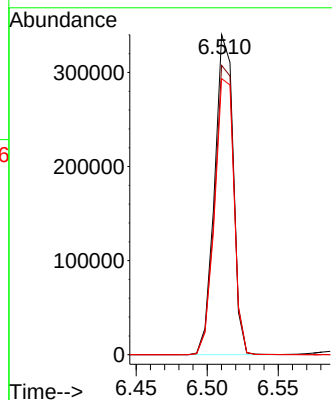
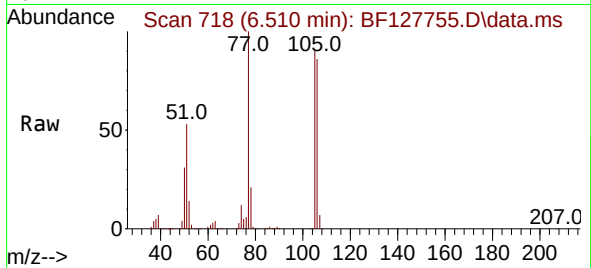




#9
Benzaldehyde
Concen: 61.038 ng
RT: 6.510 min Scan# 718
Delta R.T. -0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

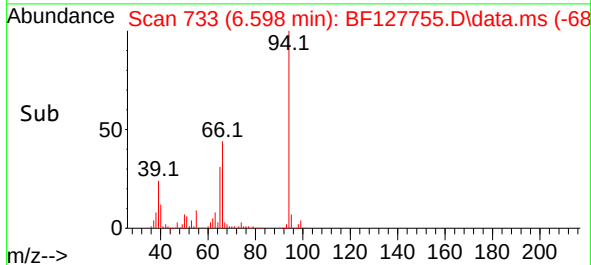
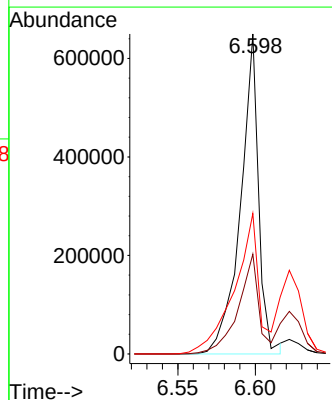
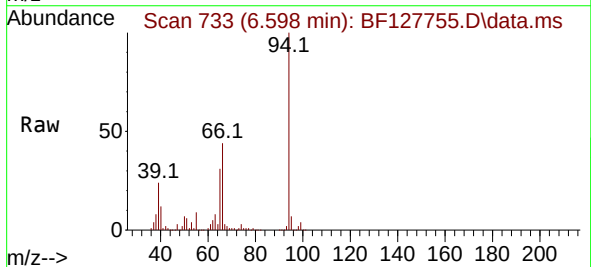
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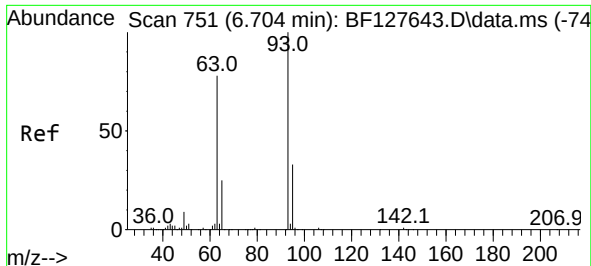
Tgt Ion: 77 Resp: 311019
Ion Ratio Lower Upper
77 100
105 90.4 66.8 106.8
106 86.3 64.3 104.3



#10
Phenol
Concen: 48.599 ng
RT: 6.598 min Scan# 733
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion: 94 Resp: 526995
Ion Ratio Lower Upper
94 100
65 31.2 13.1 53.1
66 43.9 24.9 64.9





#11

bis(2-Chloroethyl)ether

Concen: 46.191 ng

RT: 6.692 min Scan# 741

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

Instrument :

BNA_F

ClientSampleId :

PB144025BS

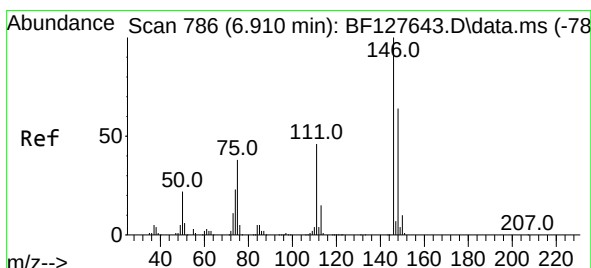
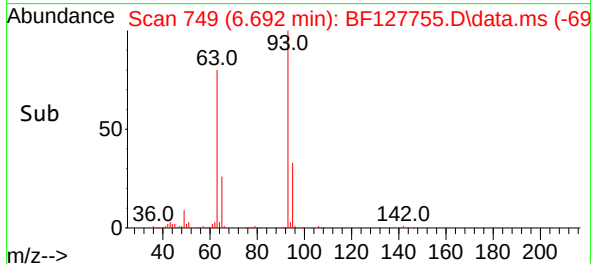
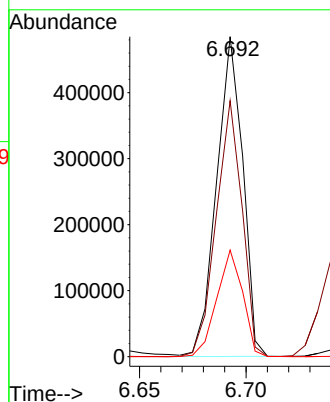
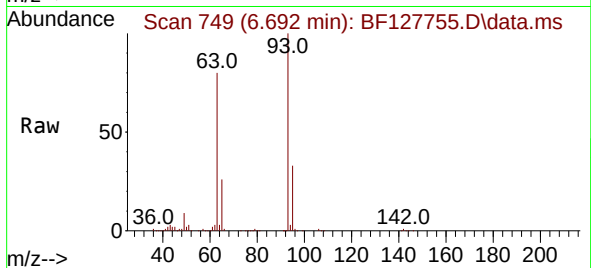
Tgt Ion: 93 Resp: 413648

Ion Ratio Lower Upper

93 100

63 80.0 69.6 109.6

95 33.3 11.6 51.6



#12

1,3-Dichlorobenzene

Concen: 45.713 ng

RT: 6.898 min Scan# 784

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

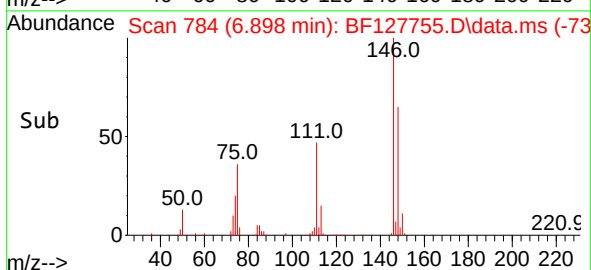
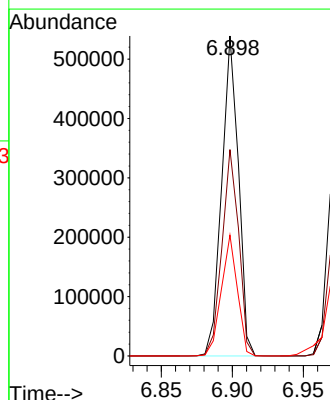
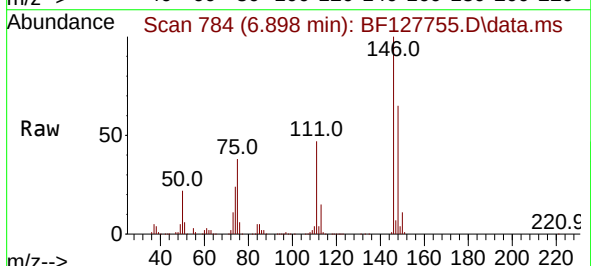
Tgt Ion:146 Resp: 439228

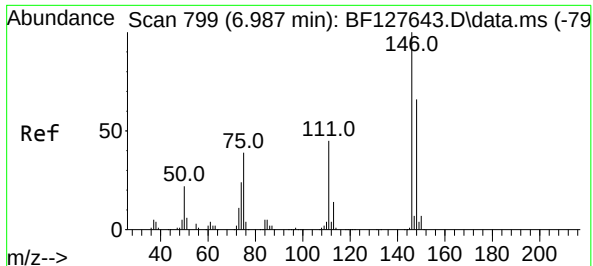
Ion Ratio Lower Upper

146 100

148 64.5 50.6 76.0

75 37.8 32.4 48.6





#13

1,4-Dichlorobenzene

Concen: 46.662 ng

RT: 6.975 min Scan# 79

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

Instrument :

BNA_F

ClientSampleId :

PB144025BS

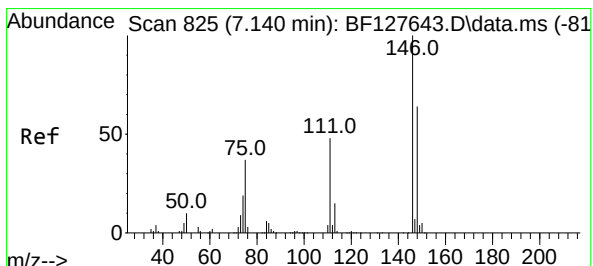
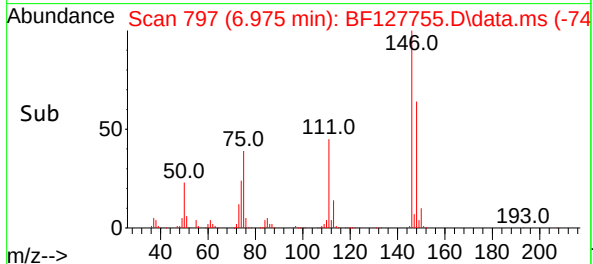
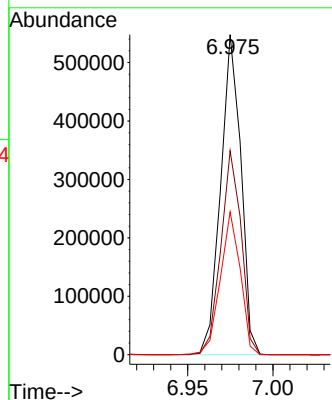
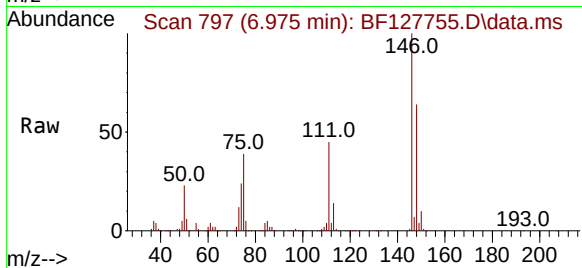
Tgt Ion:146 Resp: 453222

Ion Ratio Lower Upper

146 100

148 63.7 51.3 76.9

111 44.6 34.2 51.4



#14

1,2-Dichlorobenzene

Concen: 46.664 ng

RT: 7.128 min Scan# 823

Delta R.T. -0.006 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

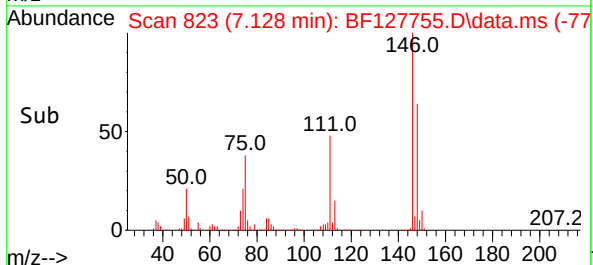
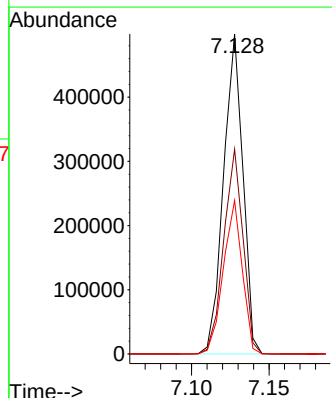
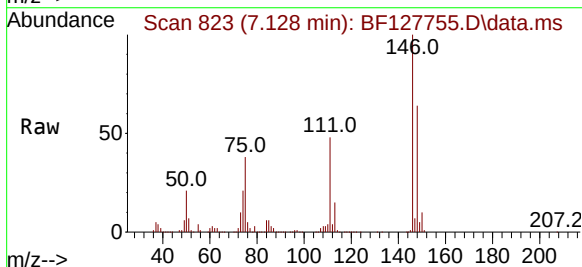
Tgt Ion:146 Resp: 433241

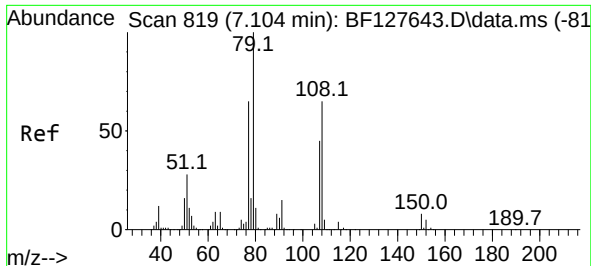
Ion Ratio Lower Upper

146 100

148 64.0 51.4 77.2

111 47.9 36.4 54.6

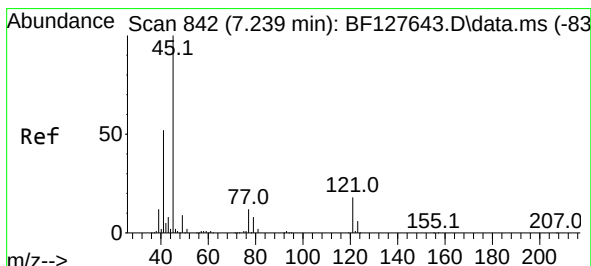
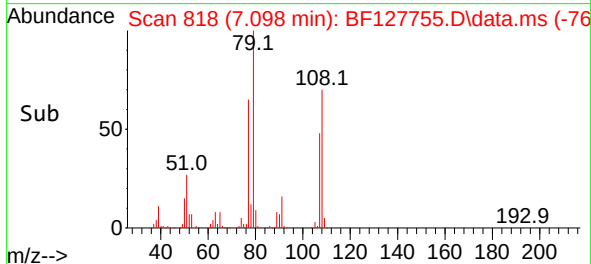
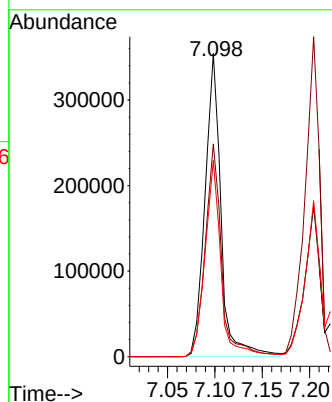
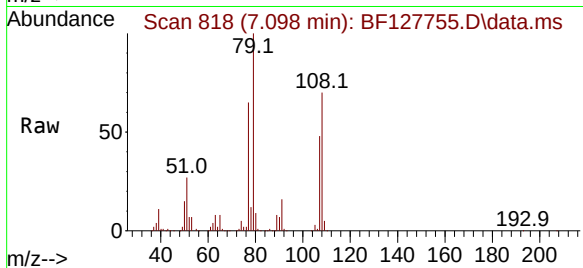




#15
Benzyl Alcohol
Concen: 43.848 ng
RT: 7.098 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

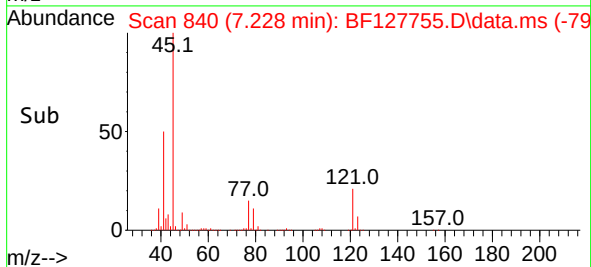
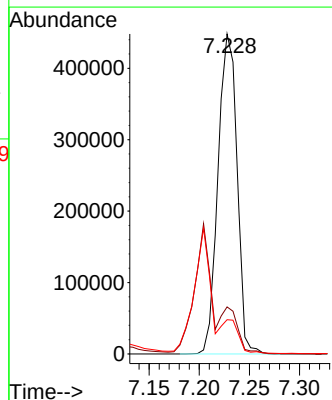
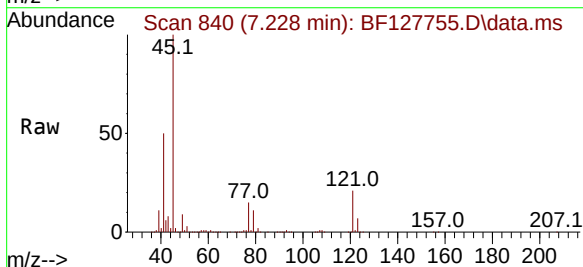
Instrument :
BNA_F
ClientSampleId :
PB144025BS

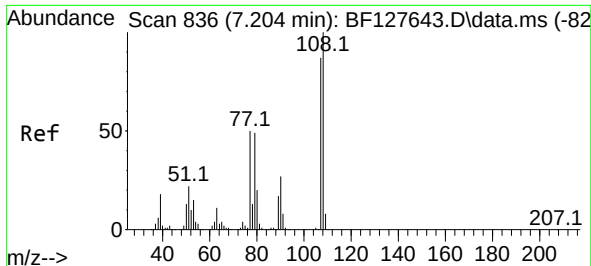
Tgt Ion: 79 Resp: 415708
Ion Ratio Lower Upper
79 100
108 70.2 52.2 78.2
77 64.7 48.3 72.5



#16
2,2'-oxybis(1-Chloropropane)
Concen: 41.771 ng
RT: 7.228 min Scan# 840
Delta R.T. -0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion: 45 Resp: 590455
Ion Ratio Lower Upper
45 100
77 14.7 0.0 32.9
79 10.7 0.0 29.9

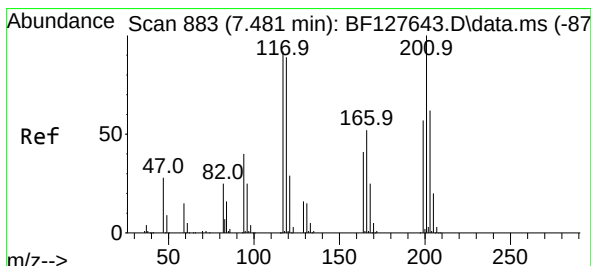
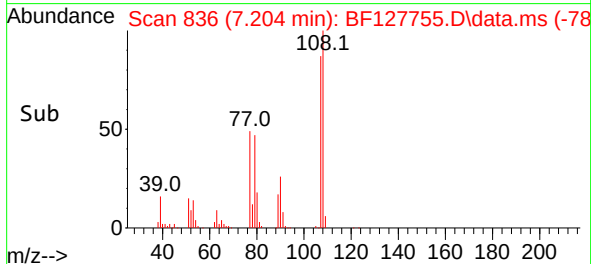
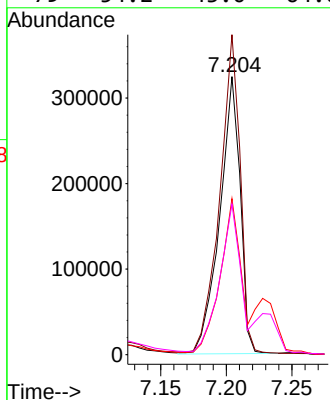
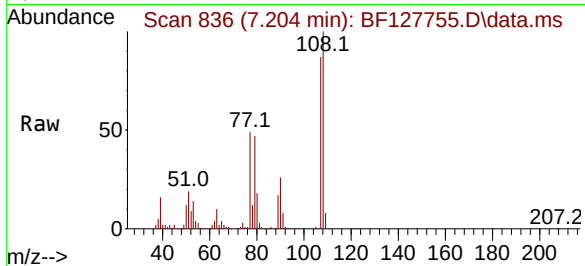




#17
2-Methylphenol
Concen: 47.824 ng
RT: 7.204 min Scan# 81
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

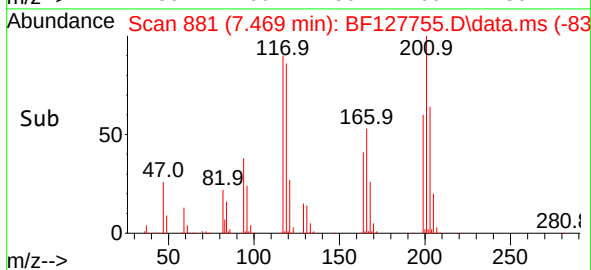
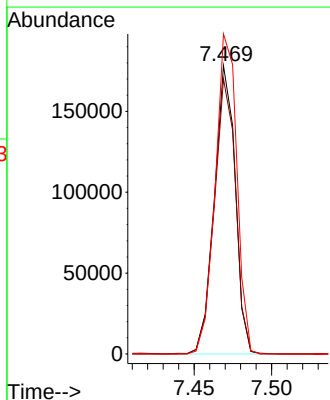
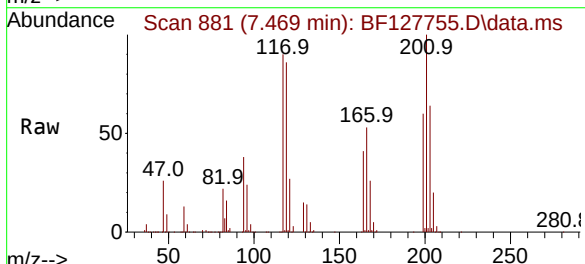
Instrument :
BNA_F
ClientSampleId :
PB144025BS

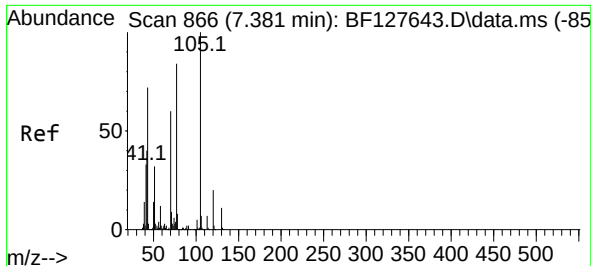
Tgt Ion:107 Resp: 349816
Ion Ratio Lower Upper
107 100
108 115.1 90.7 136.1
77 56.1 42.9 64.3
79 54.2 43.0 64.6



#18
Hexachloroethane
Concen: 45.029 ng
RT: 7.469 min Scan# 881
Delta R.T. -0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion:117 Resp: 166890
Ion Ratio Lower Upper
117 100
119 95.4 77.6 116.4
201 111.0 88.2 132.2

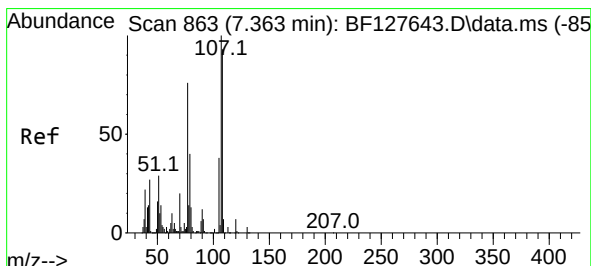
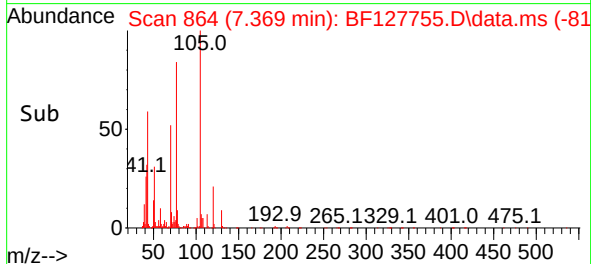
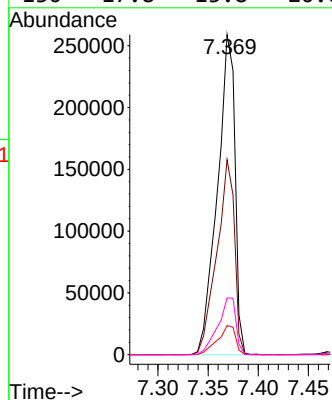
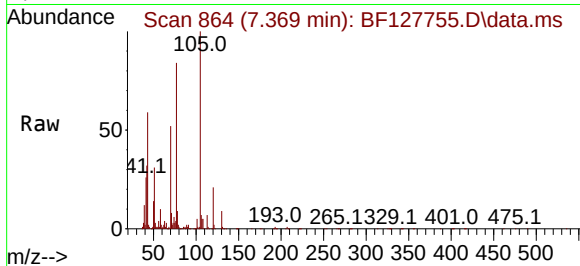




#19
n-Nitroso-di-n-propylamine
Concen: 45.069 ng
RT: 7.369 min Scan# 80
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

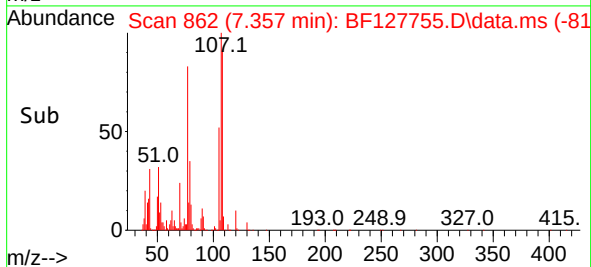
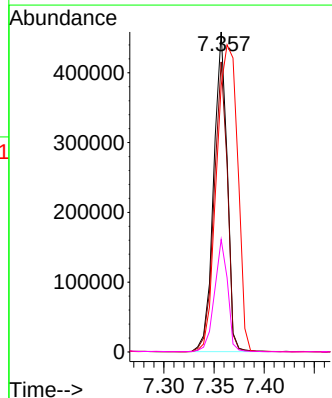
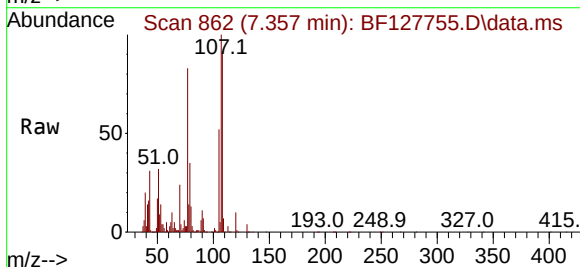
Instrument :
BNA_F
ClientSampleId :
PB144025BS

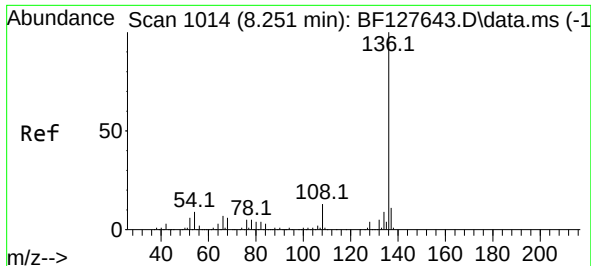
Tgt Ion: 70 Resp: 316114
Ion Ratio Lower Upper
70 100
42 60.9 53.0 79.6
101 9.1 6.8 10.2
130 17.8 13.8 20.6



#20
3+4-Methylphenols
Concen: 45.799 ng
RT: 7.357 min Scan# 862
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion: 107 Resp: 426905
Ion Ratio Lower Upper
107 100
108 90.6 70.7 110.7
77 83.2 127.9 167.9#
79 35.2 16.8 56.8

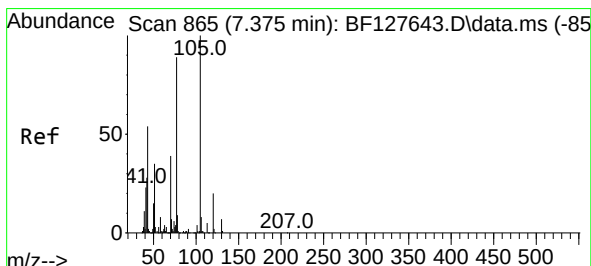
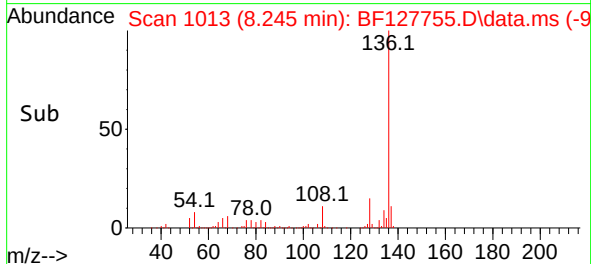
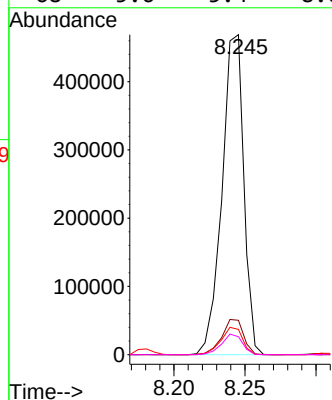
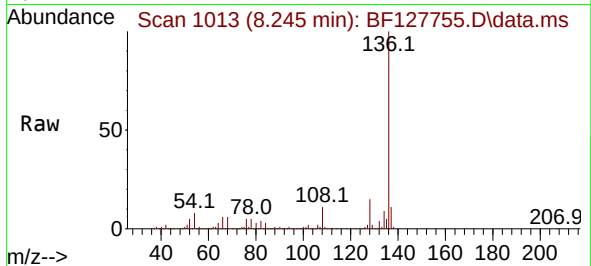




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.245 min Scan# 1014
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

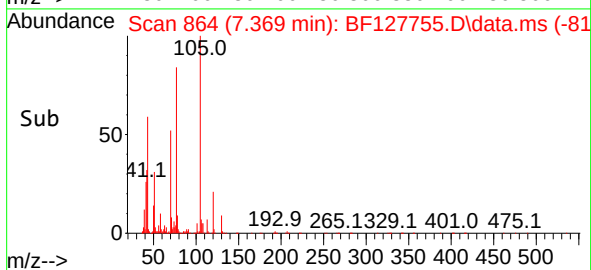
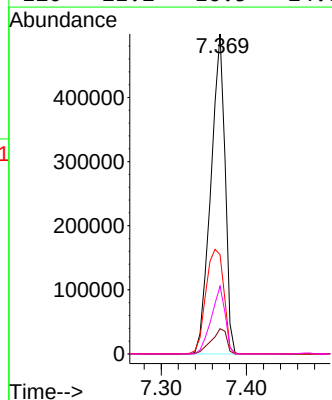
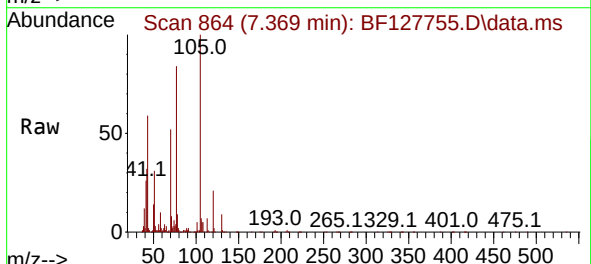
Instrument :
BNA_F
ClientSampleId :
PB144025BS

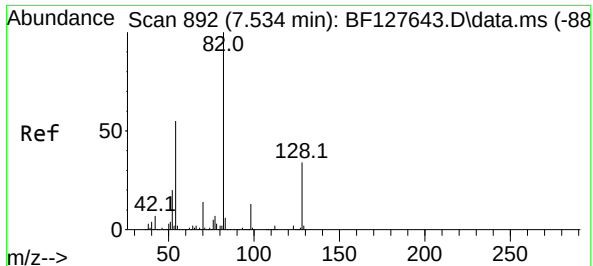
Tgt Ion:136 Resp: 499091
Ion Ratio Lower Upper
136 100
137 10.8 8.6 13.0
54 7.9 9.2 13.8#
68 5.6 5.4 8.0



#22
Acetophenone
Concen: 43.207 ng
RT: 7.369 min Scan# 864
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion:105 Resp: 579464
Ion Ratio Lower Upper
105 100
71 7.9 7.3 10.9
51 31.1 38.8 58.2#
120 21.2 16.5 24.7





#23

Nitrobenzene-d5

Concen: 83.618 ng

RT: 7.528 min Scan# 891

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

Instrument :

BNA_F

ClientSampleId :

PB144025BS

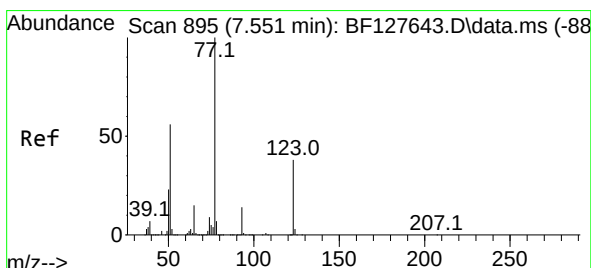
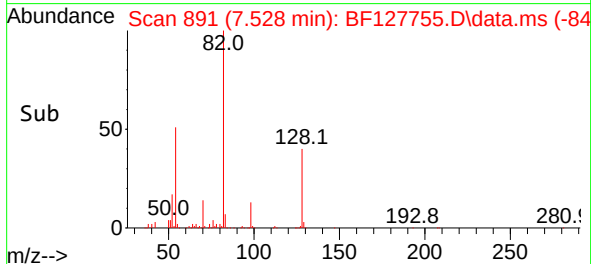
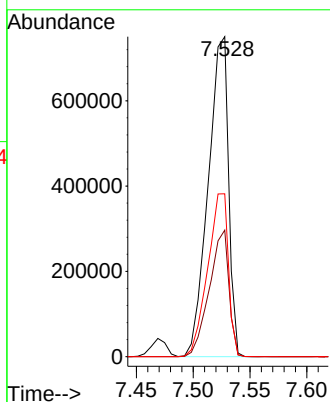
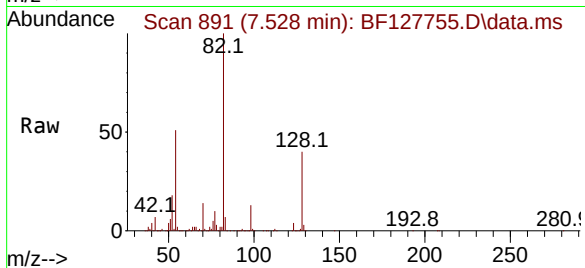
Tgt Ion: 82 Resp: 936107

Ion Ratio Lower Upper

82 100

128 39.6 30.6 45.8

54 50.9 48.2 72.2



#24

Nitrobenzene

Concen: 45.850 ng

RT: 7.545 min Scan# 894

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

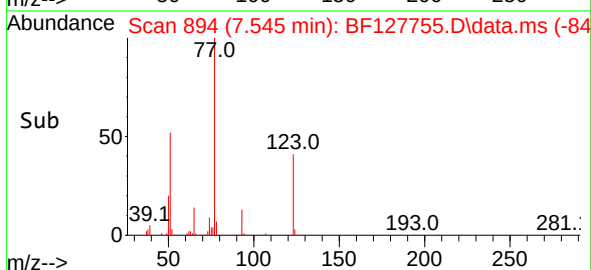
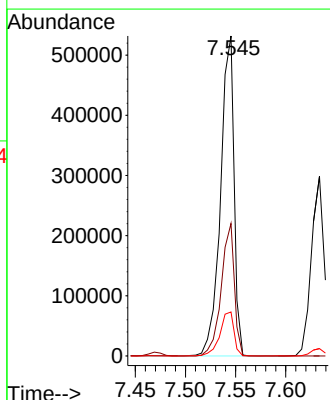
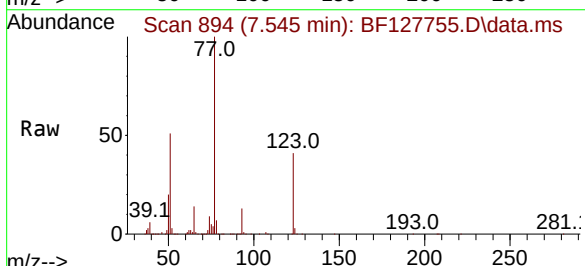
Tgt Ion: 77 Resp: 497575

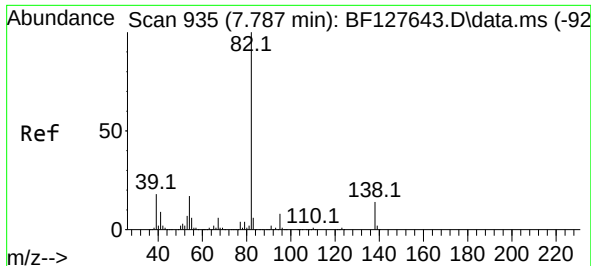
Ion Ratio Lower Upper

77 100

123 41.4 32.0 48.0

65 13.8 12.2 18.2

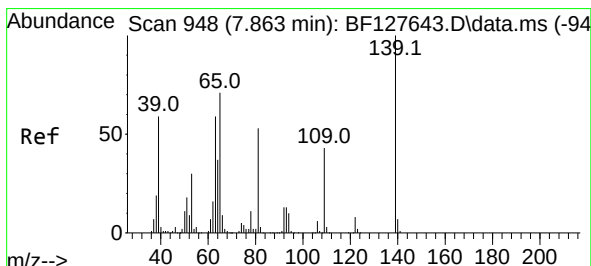
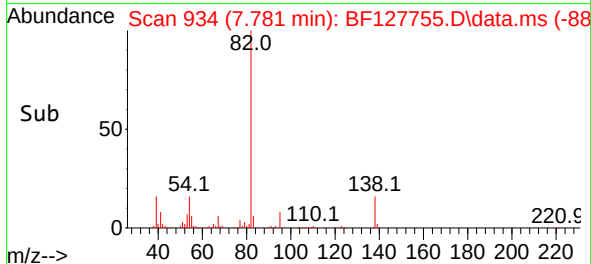
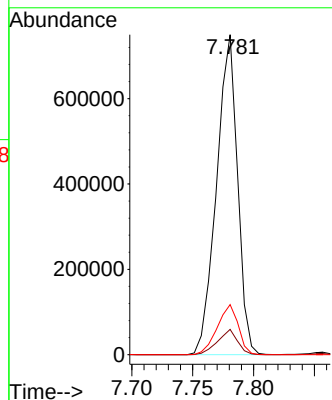
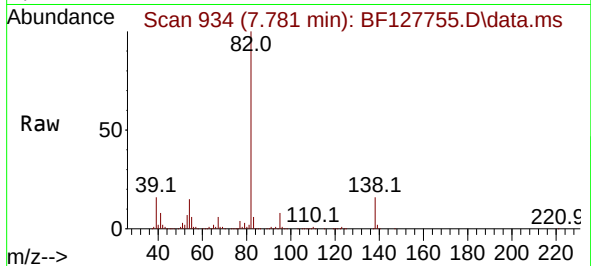




#25
Isophorone
Concen: 46.075 ng
RT: 7.781 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

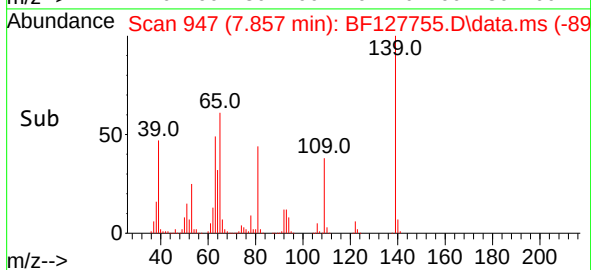
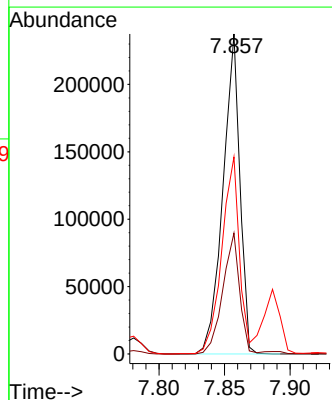
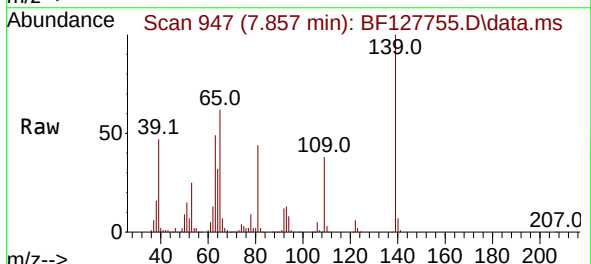
Instrument :
BNA_F
ClientSampleId :
PB144025BS

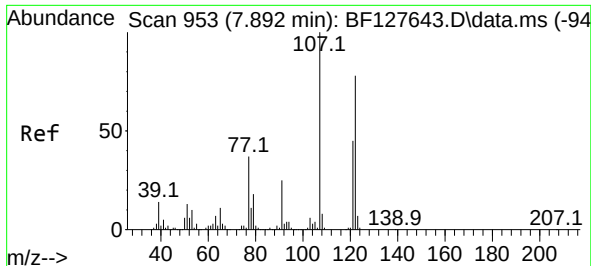
Tgt Ion: 82 Resp: 900049
Ion Ratio Lower Upper
82 100
95 7.9 5.8 8.8
138 15.7 11.6 17.4



#26
2-Nitrophenol
Concen: 54.519 ng
RT: 7.857 min Scan# 947
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion: 139 Resp: 212624
Ion Ratio Lower Upper
139 100
109 37.8 28.2 42.2
65 61.5 55.3 82.9





#27

2,4-Dimethylphenol

Concen: 50.782 ng

RT: 7.887 min Scan# 91

Delta R.T. 0.000 min

Lab File: BF127755.D

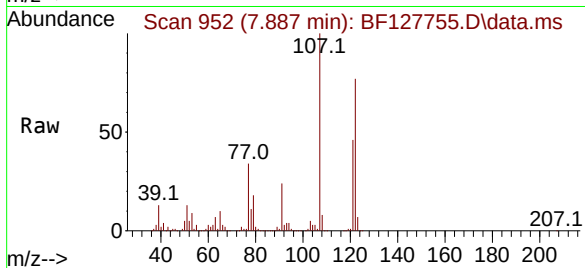
Acq: 12 Apr 2022 13:33

Instrument :

BNA_F

ClientSampleId :

PB144025BS



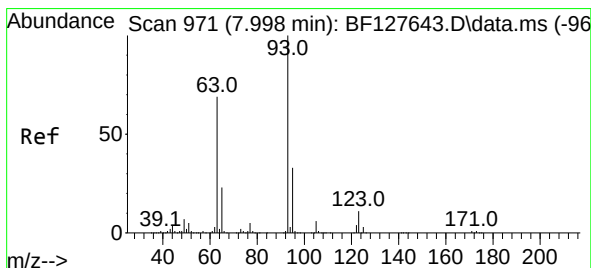
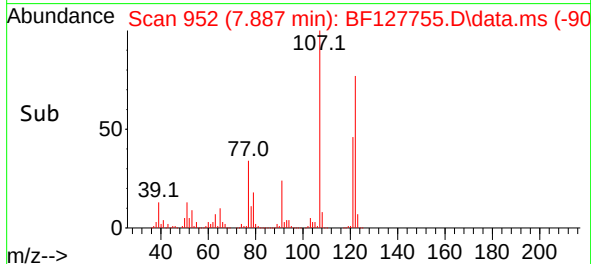
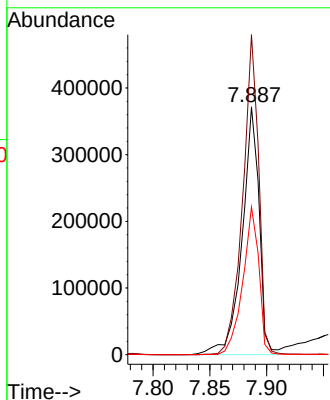
Tgt Ion:122 Resp: 387754

Ion Ratio Lower Upper

122 100

107 129.1 93.0 139.4

121 59.6 44.9 67.3



#28

bis(2-Chloroethoxy)methane

Concen: 42.917 ng

RT: 7.987 min Scan# 969

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

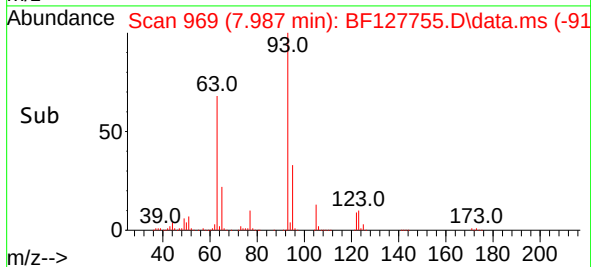
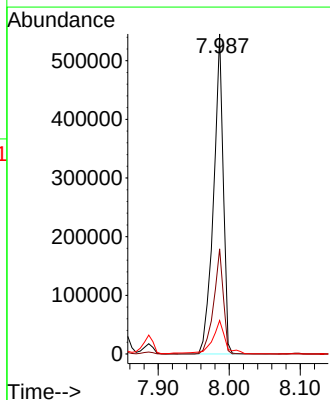
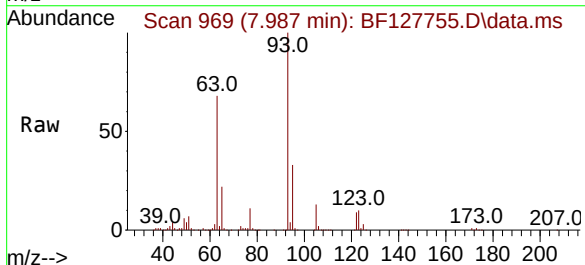
Tgt Ion: 93 Resp: 516938

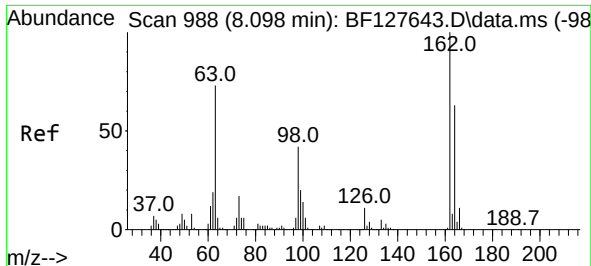
Ion Ratio Lower Upper

93 100

95 32.8 26.3 39.5

123 10.5 8.0 12.0





#29

2,4-Dichlorophenol

Concen: 45.909 ng

RT: 8.098 min Scan# 98

Delta R.T. 0.006 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

Instrument :

BNA_F

ClientSampleId :

PB144025BS

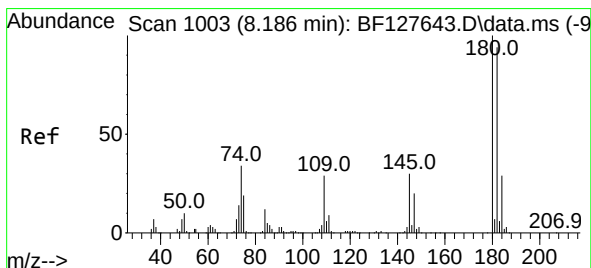
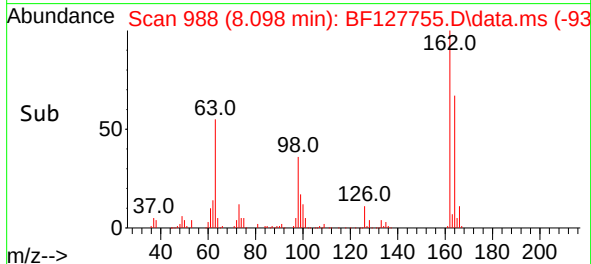
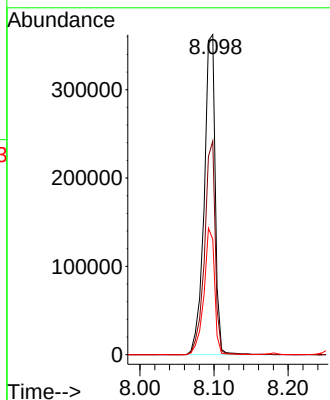
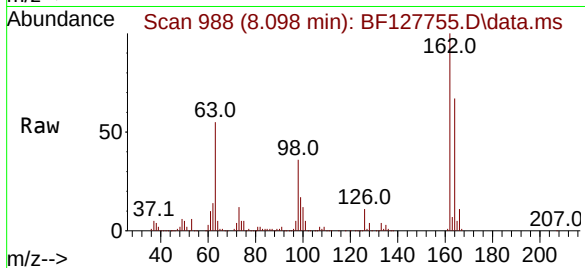
Tgt Ion:162 Resp: 377625

Ion Ratio Lower Upper

162 100

164 66.8 43.7 83.7

98 36.0 23.5 63.5



#30

1,2,4-Trichlorobenzene

Concen: 44.647 ng

RT: 8.181 min Scan# 1002

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

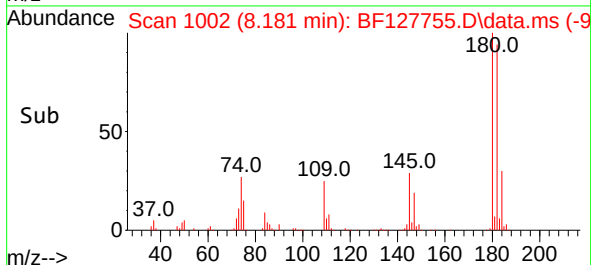
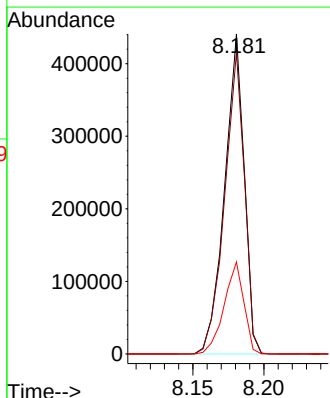
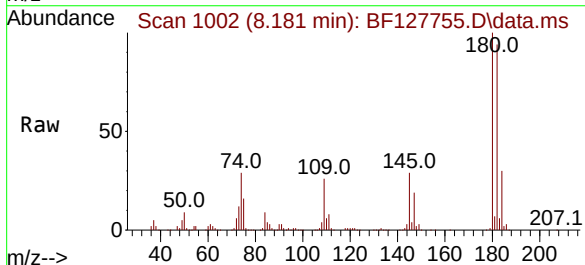
Tgt Ion:180 Resp: 422660

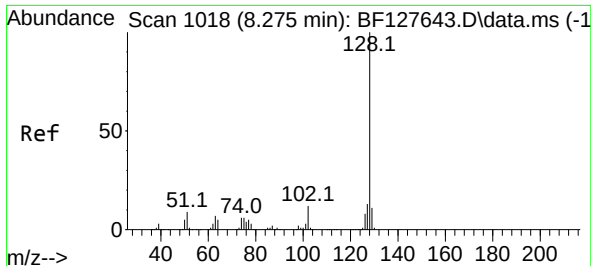
Ion Ratio Lower Upper

180 100

182 94.3 73.8 110.6

145 28.8 23.3 34.9

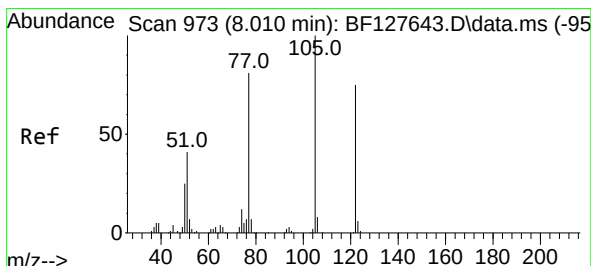
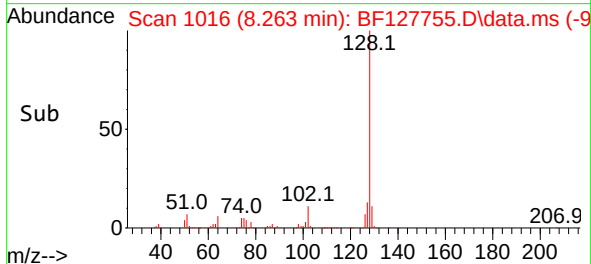
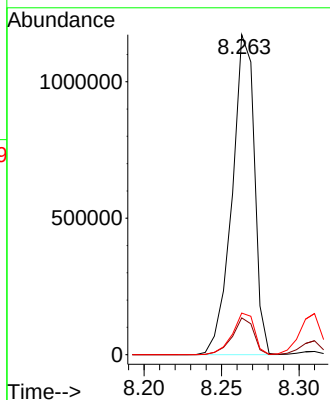
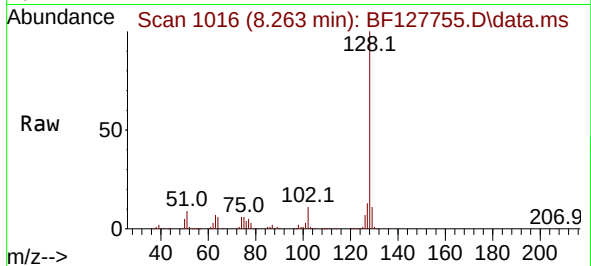




#31
Naphthalene
Concen: 44.935 ng
RT: 8.263 min Scan# 1018
Delta R.T. -0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

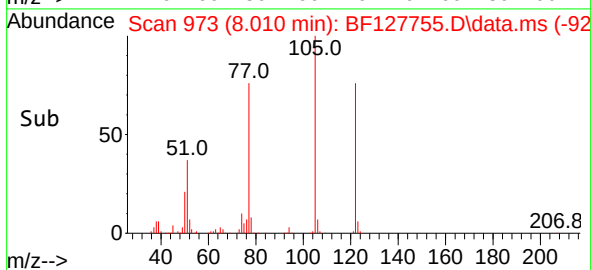
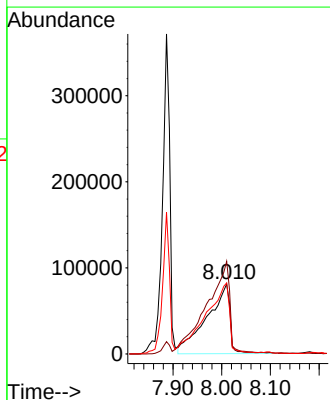
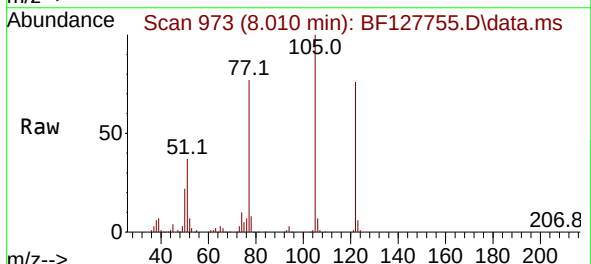
Instrument :
BNA_F
ClientSampleId :
PB144025BS

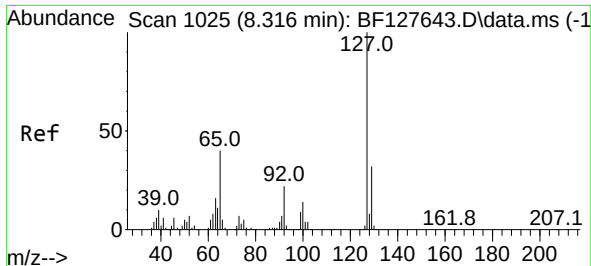
Tgt Ion:128 Resp: 1175156
Ion Ratio Lower Upper
128 100
129 11.5 8.4 12.6
127 13.0 10.2 15.2



#32
Benzoic acid
Concen: 48.192 ng
RT: 8.010 min Scan# 973
Delta R.T. 0.012 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion:122 Resp: 266975
Ion Ratio Lower Upper
122 100
105 132.4 117.1 157.1
77 101.6 93.0 133.0





#33

4-Chloroaniline

Concen: 15.517 ng

RT: 8.310 min Scan# 1025

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

Instrument :

BNA_F

ClientSampleId :

PB144025BS

Tgt Ion:127 Resp: 159824

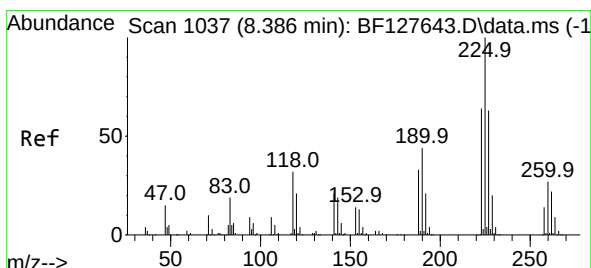
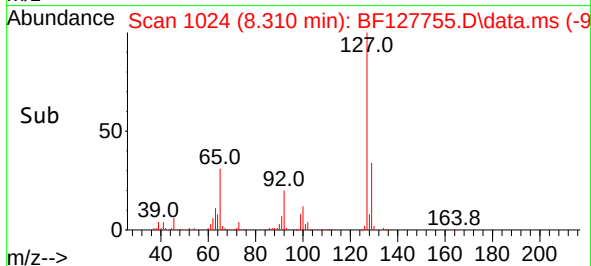
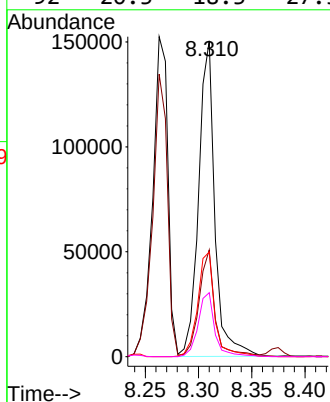
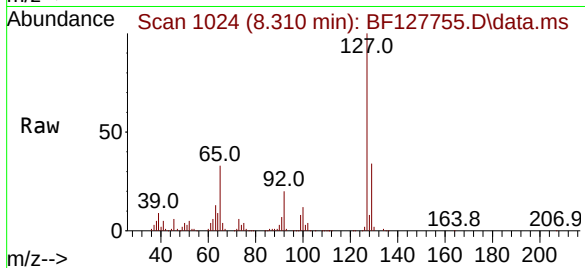
Ion Ratio Lower Upper

127 100

129 33.8 25.9 38.9

65 33.2 31.4 47.0

92 20.3 18.3 27.5



#34

Hexachlorobutadiene

Concen: 43.844 ng

RT: 8.375 min Scan# 1035

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

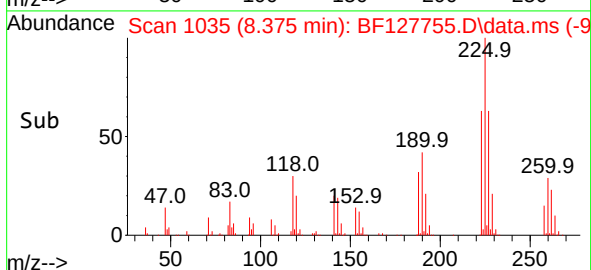
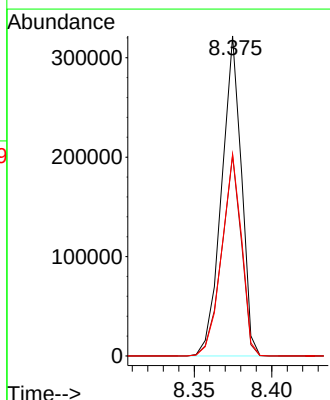
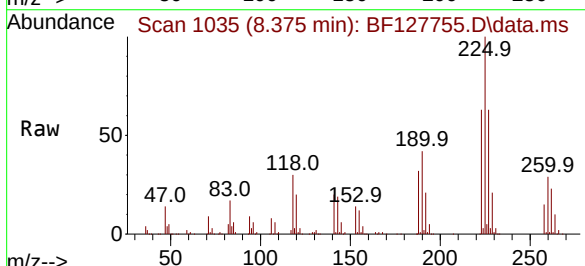
Tgt Ion:225 Resp: 285510

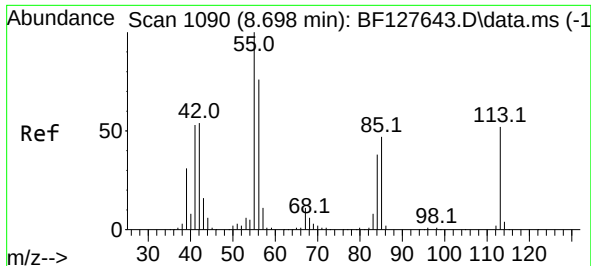
Ion Ratio Lower Upper

225 100

223 62.7 50.6 76.0

227 63.1 49.6 74.4

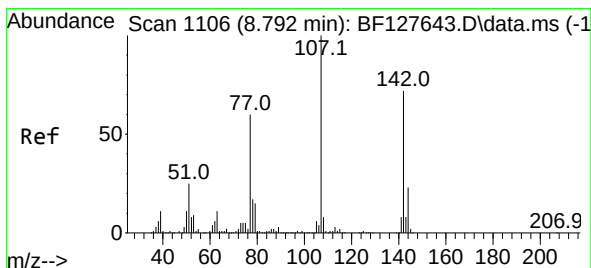
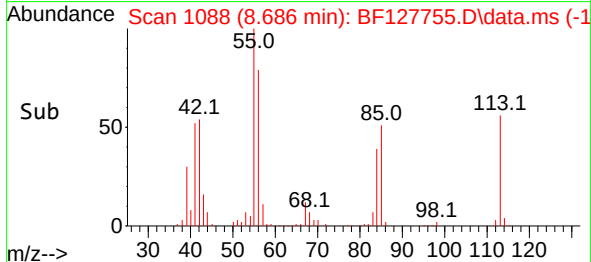
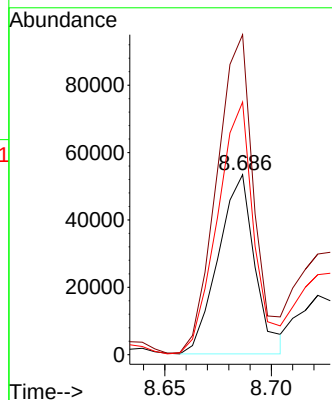
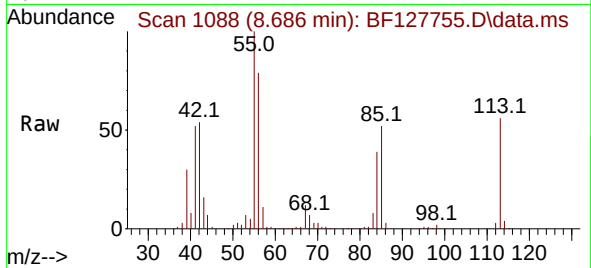




#35
 Caprolactam
 Concen: 26.165 ng
 RT: 8.686 min Scan# 1088
 Delta R.T. 0.000 min
 Lab File: BF127755.D
 Acq: 12 Apr 2022 13:33

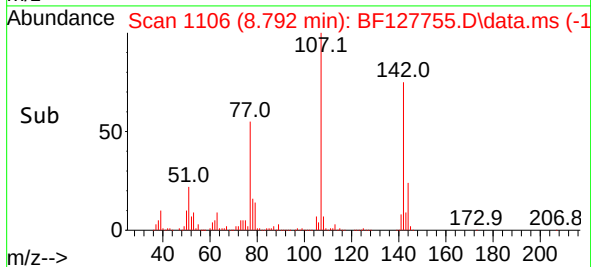
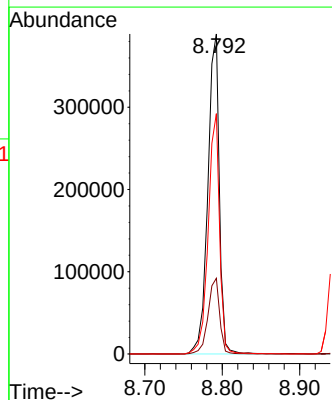
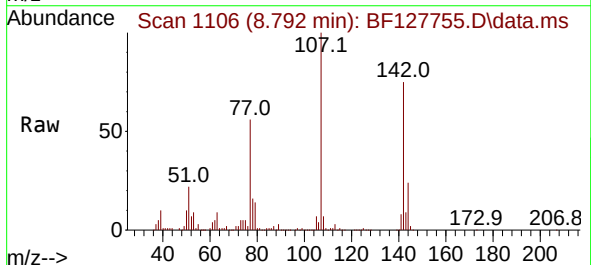
Instrument :
 BNA_F
 ClientSampleId :
 PB144025BS

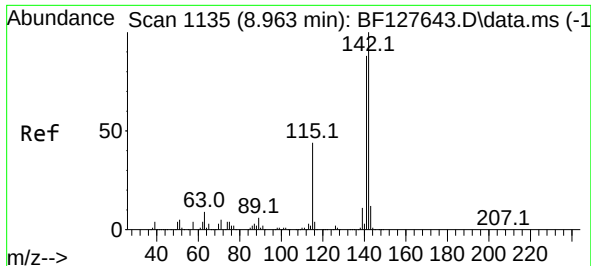
Tgt Ion:113 Resp: 63610
 Ion Ratio Lower Upper
 113 100
 55 177.8 218.7 258.7#
 56 140.4 156.2 196.2#



#36
 4-Chloro-3-methylphenol
 Concen: 46.469 ng
 RT: 8.792 min Scan# 1106
 Delta R.T. 0.006 min
 Lab File: BF127755.D
 Acq: 12 Apr 2022 13:33

Tgt Ion:107 Resp: 400739
 Ion Ratio Lower Upper
 107 100
 144 23.7 19.3 28.9
 142 75.1 59.8 89.8

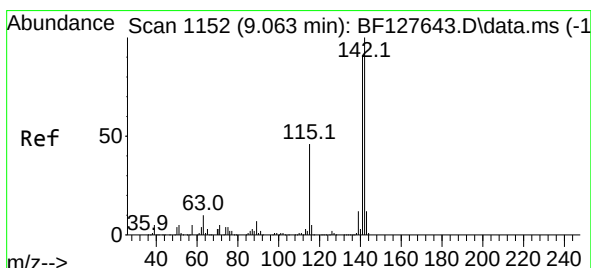
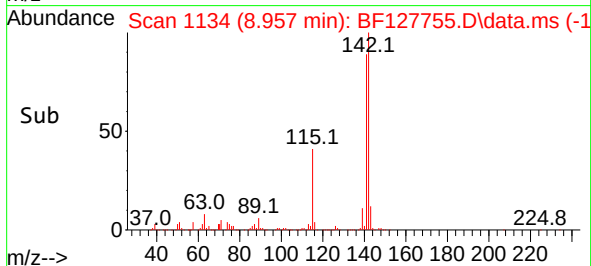
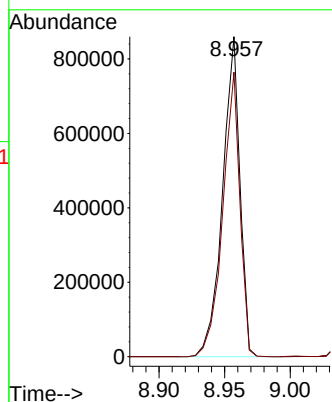
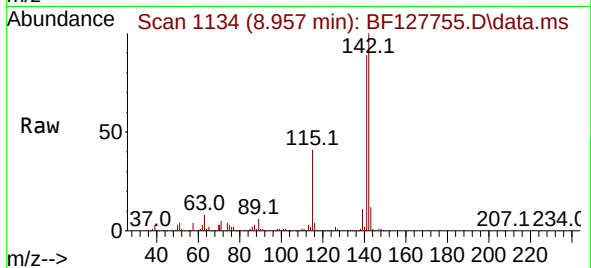




#37
2-Methylnaphthalene
Concen: 45.193 ng
RT: 8.957 min Scan# 1135
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

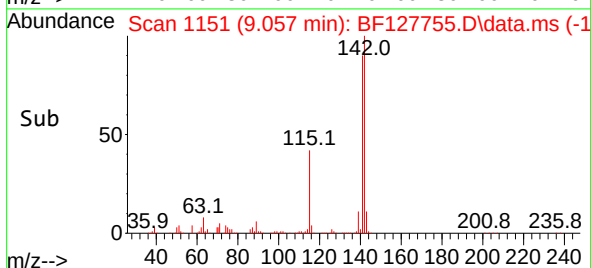
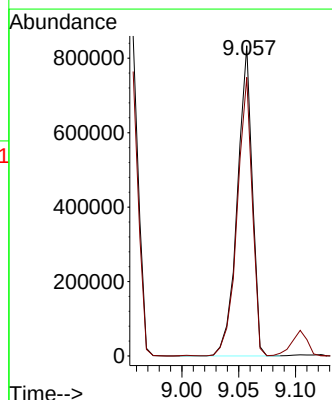
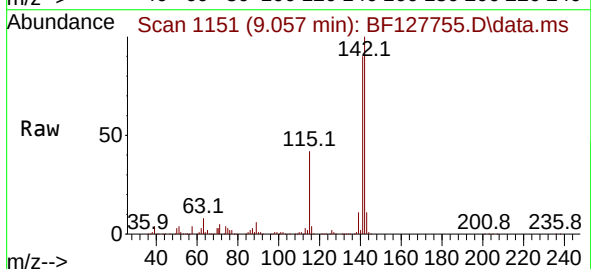
Instrument :
BNA_F
ClientSampleId :
PB144025BS

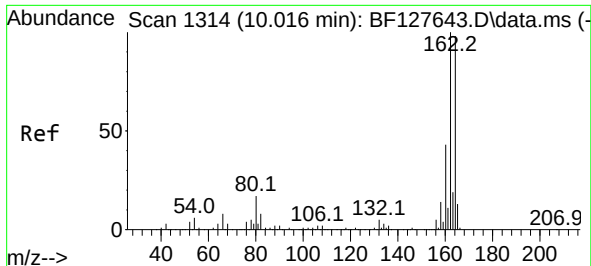
Tgt Ion:142 Resp: 790501
Ion Ratio Lower Upper
142 100
141 88.9 70.6 106.0



#38
1-Methylnaphthalene
Concen: 44.981 ng
RT: 9.057 min Scan# 1151
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion:142 Resp: 759424
Ion Ratio Lower Upper
142 100
141 89.8 74.2 111.2

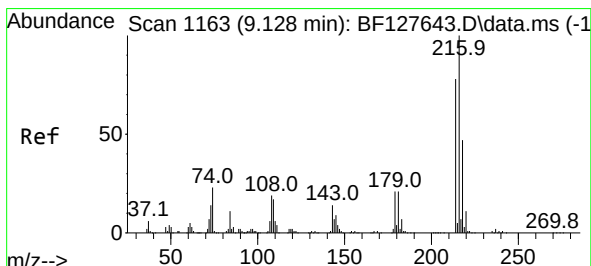
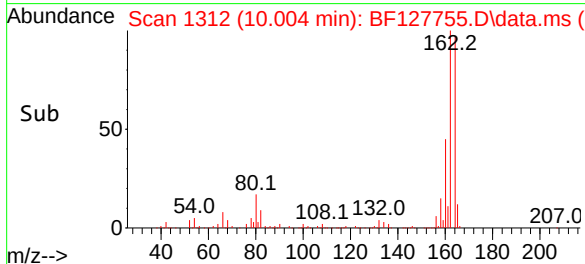
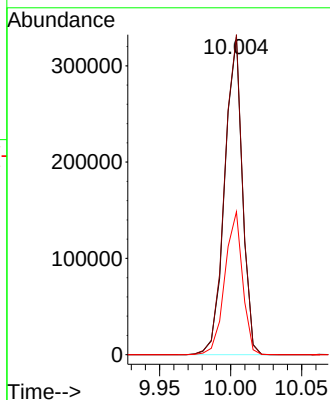
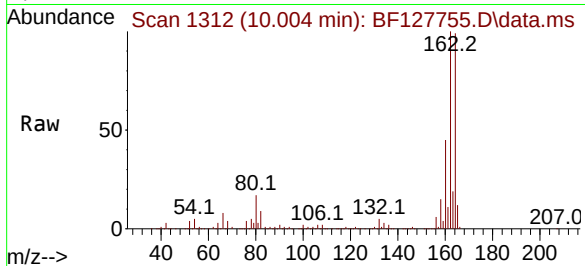




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 10.004 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

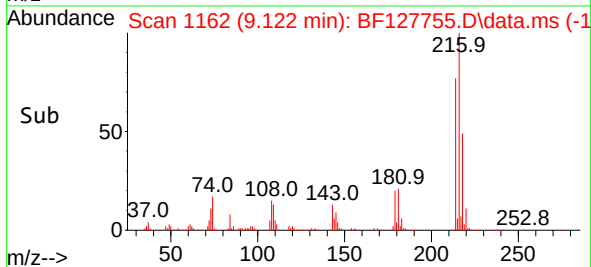
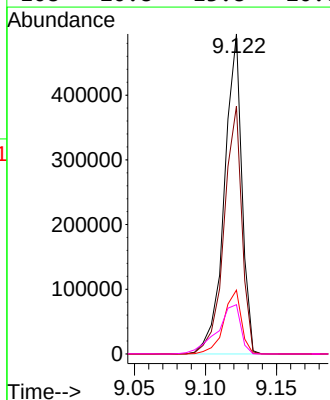
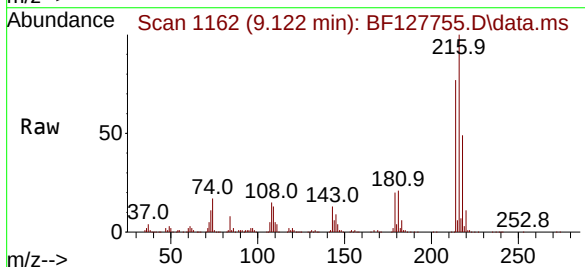
Instrument :
BNA_F
ClientSampleId :
PB144025BS

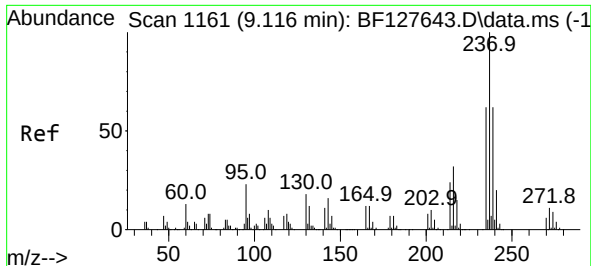
Tgt Ion:164 Resp: 285282
Ion Ratio Lower Upper
164 100
162 100.7 81.2 121.8
160 45.0 34.6 52.0



#40
1,2,4,5-Tetrachlorobenzene
Concen: 45.142 ng
RT: 9.122 min Scan# 1162
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion:216 Resp: 422394
Ion Ratio Lower Upper
216 100
214 78.5 63.0 94.4
179 19.9 15.5 23.3
108 20.8 13.8 20.6#

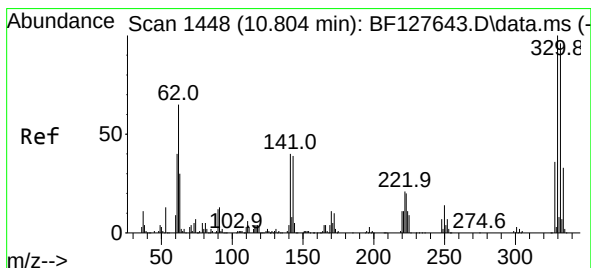
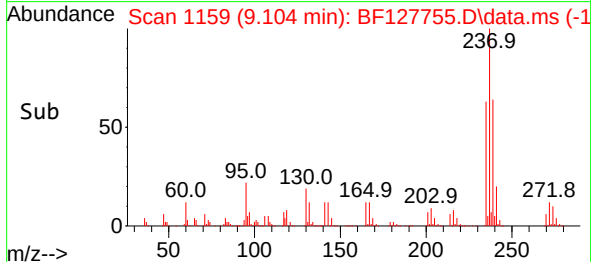
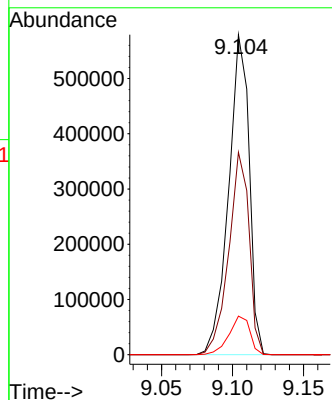
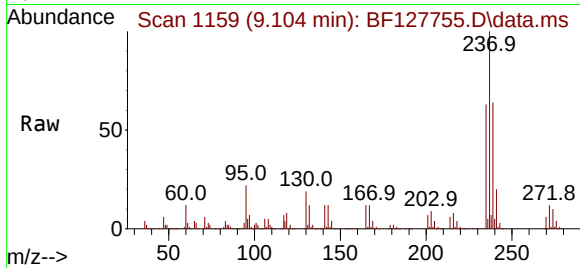




#41
Hexachlorocyclopentadiene
Concen: 103.503 ng
RT: 9.104 min Scan# 1161
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

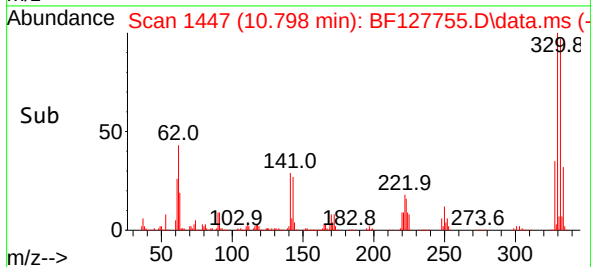
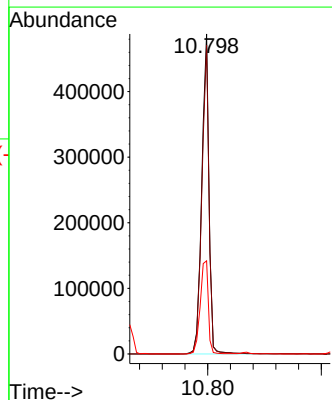
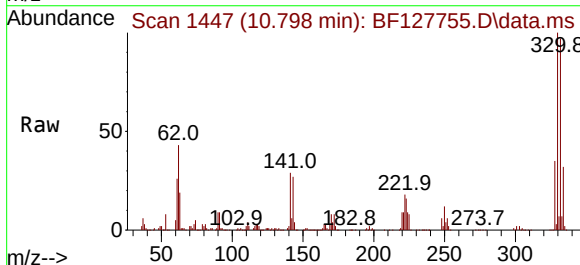
Instrument :
BNA_F
ClientSampleId :
PB144025BS

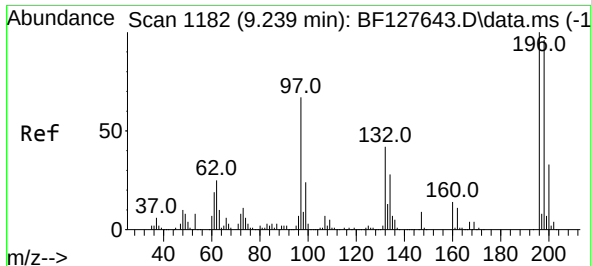
Tgt Ion:237 Resp: 583386
Ion Ratio Lower Upper
237 100
235 63.3 40.4 80.4
272 12.0 0.0 31.8



#42
2,4,6-Tribromophenol
Concen: 141.760 ng
RT: 10.798 min Scan# 1447
Delta R.T. 0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion:330 Resp: 430360
Ion Ratio Lower Upper
330 100
332 95.9 79.1 118.7
141 32.9 26.2 39.4





#43

2,4,6-Trichlorophenol

Concen: 44.842 ng

RT: 9.233 min Scan# 1181

Delta R.T. 0.006 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

Instrument :

BNA_F

ClientSampleId :

PB144025BS

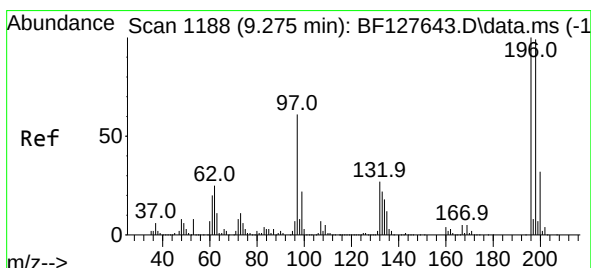
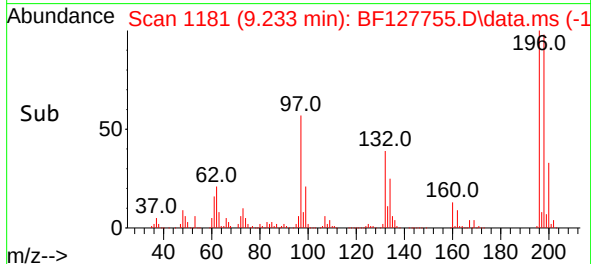
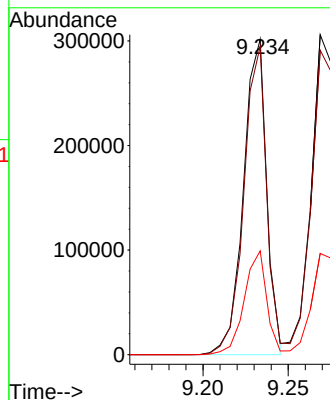
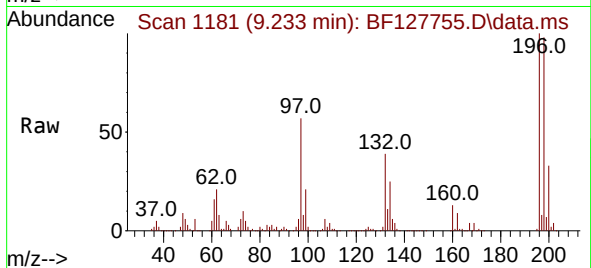
Tgt Ion:196 Resp: 284865

Ion Ratio Lower Upper

196 100

198 97.7 77.8 116.6

200 32.9 25.9 38.9



#44

2,4,5-Trichlorophenol

Concen: 47.134 ng

RT: 9.269 min Scan# 1187

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

Tgt Ion:196 Resp: 302135

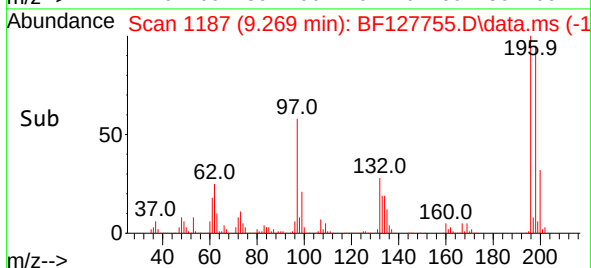
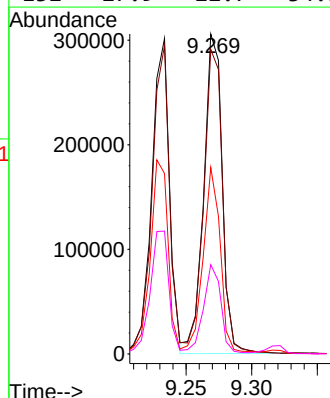
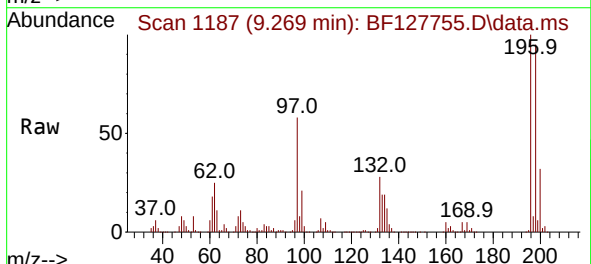
Ion Ratio Lower Upper

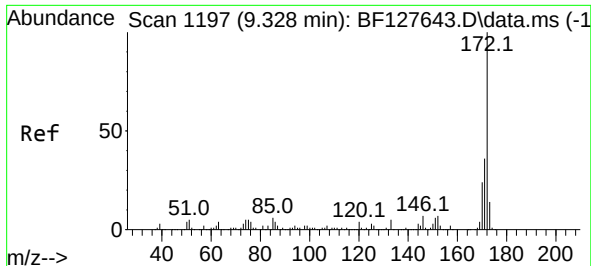
196 100

198 95.2 75.3 112.9

97 58.3 46.8 70.2

132 27.9 22.7 34.1





#45

2-Fluorobiphenyl

Concen: 80.223 ng

RT: 9.322 min Scan# 1197

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

Instrument :

BNA_F

ClientSampleId :

PB144025BS

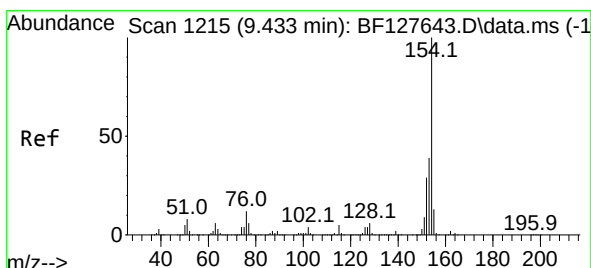
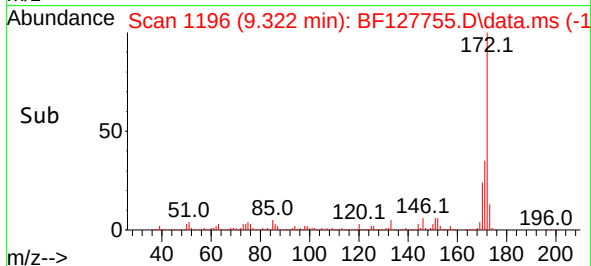
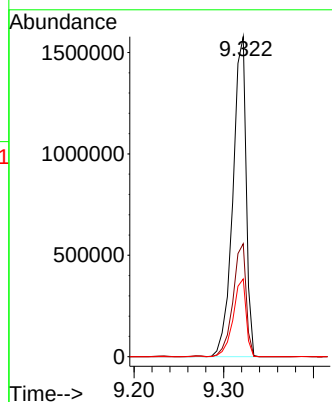
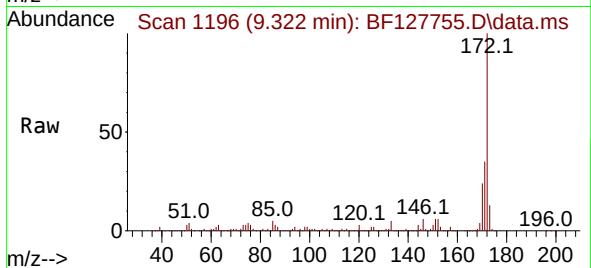
Tgt Ion:172 Resp: 1617778

Ion Ratio Lower Upper

172 100

171 35.3 28.4 42.6

170 24.3 18.6 27.8



#46

1,1'-Biphenyl

Concen: 44.417 ng

RT: 9.422 min Scan# 1213

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

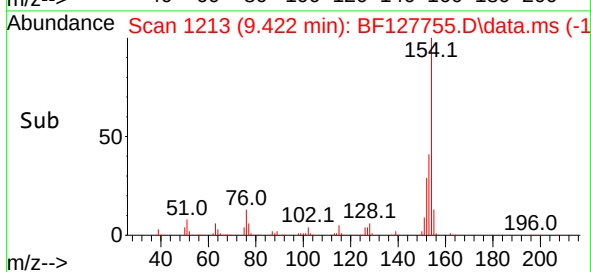
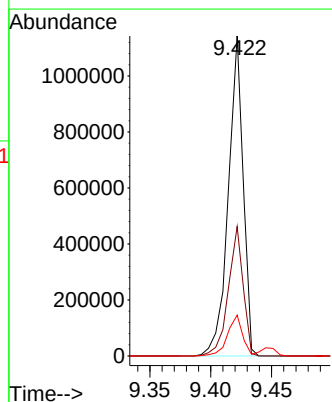
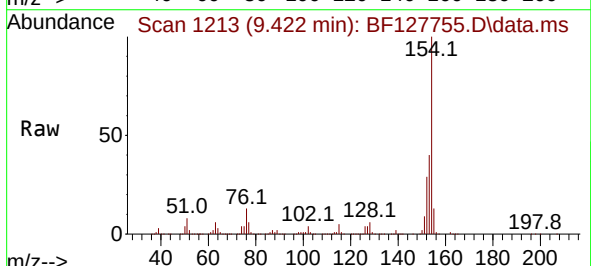
Tgt Ion:154 Resp: 969079

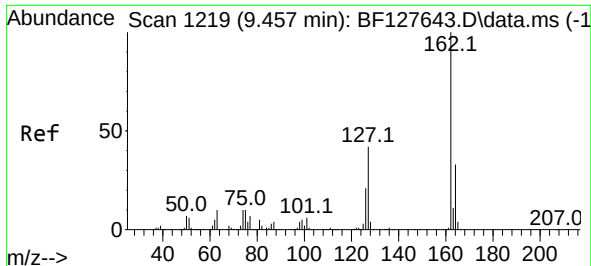
Ion Ratio Lower Upper

154 100

153 40.5 20.3 60.3

76 12.8 0.0 33.9





#47

2-Chloronaphthalene

Concen: 44.530 ng

RT: 9.451 min Scan# 1219

Delta R.T. 0.006 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

Instrument :

BNA_F

ClientSampleId :

PB144025BS

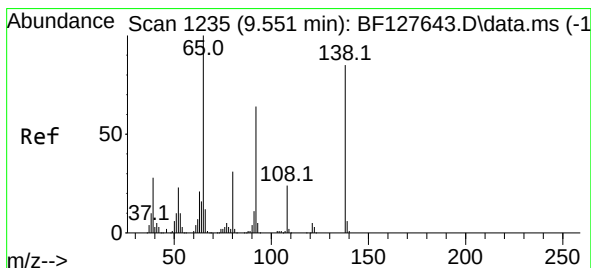
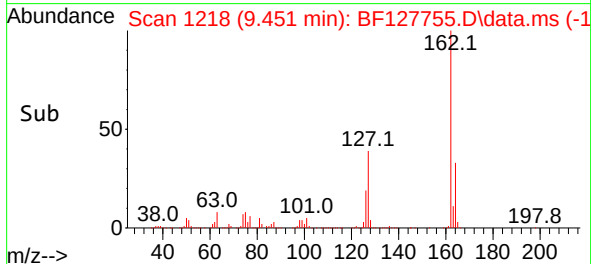
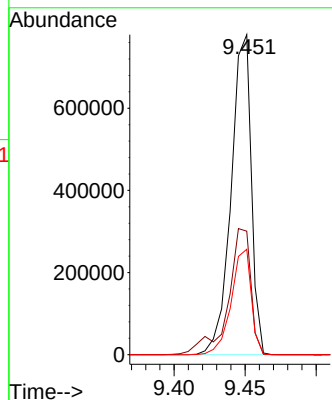
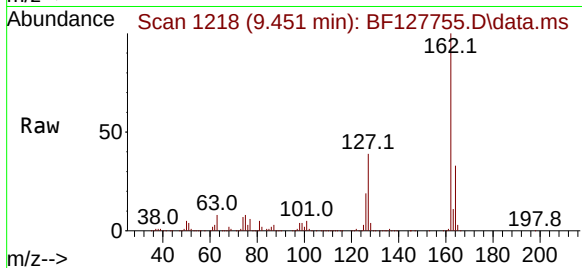
Tgt Ion:162 Resp: 772075

Ion Ratio Lower Upper

162 100

127 38.6 31.8 47.6

164 33.0 26.4 39.6



#48

2-Nitroaniline

Concen: 50.048 ng

RT: 9.545 min Scan# 1234

Delta R.T. 0.006 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

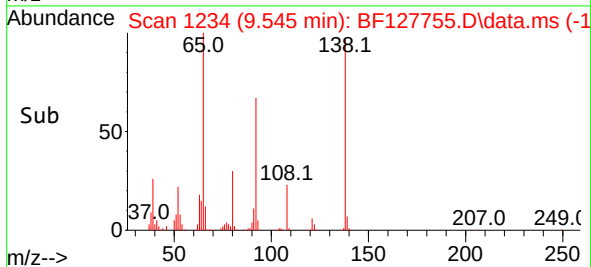
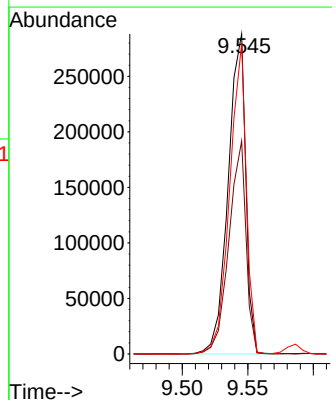
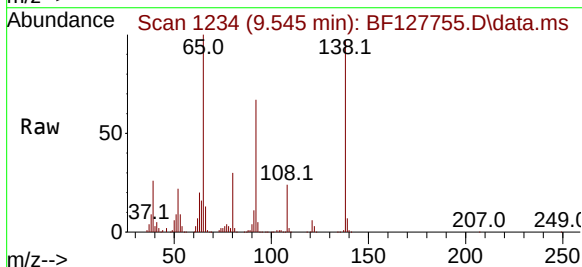
Tgt Ion: 65 Resp: 269508

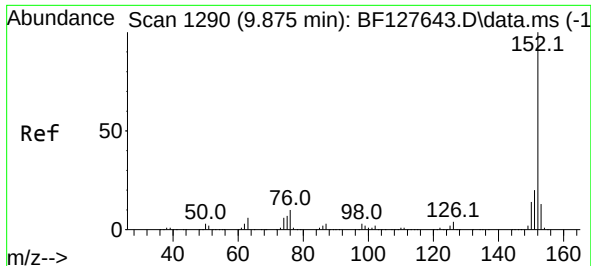
Ion Ratio Lower Upper

65 100

92 66.5 50.0 75.0

138 97.1 64.1 96.1#





#49

Acenaphthylene

Concen: 48.158 ng

RT: 9.869 min Scan# 1289

Delta R.T. 0.006 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

Instrument :

BNA_F

ClientSampleId :

PB144025BS

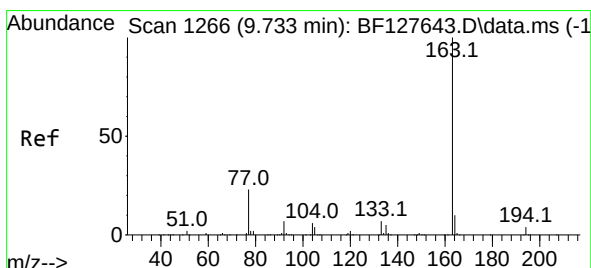
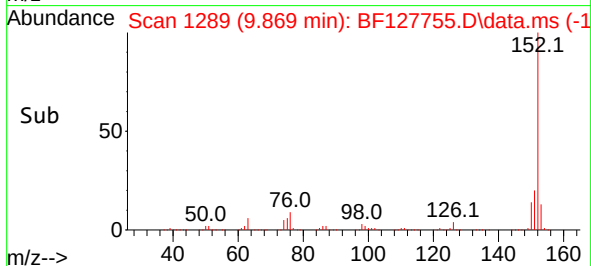
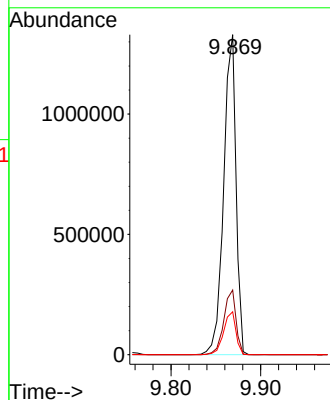
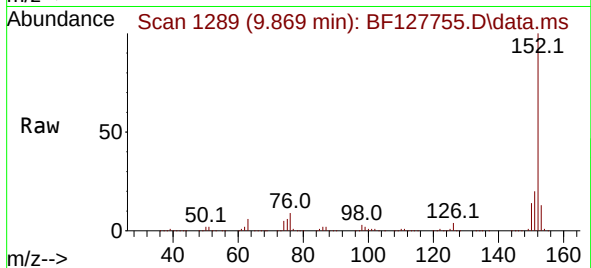
Tgt Ion:152 Resp: 1270047

Ion Ratio Lower Upper

152 100

151 20.2 15.8 23.8

153 13.4 10.5 15.7



#50

Dimethylphthalate

Concen: 45.134 ng

RT: 9.722 min Scan# 1264

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

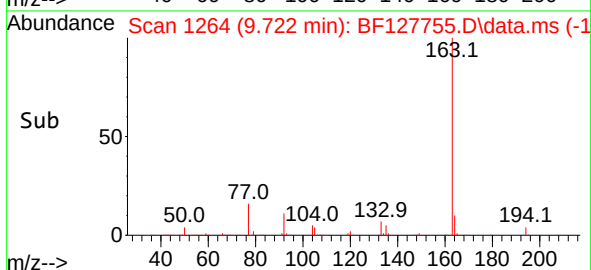
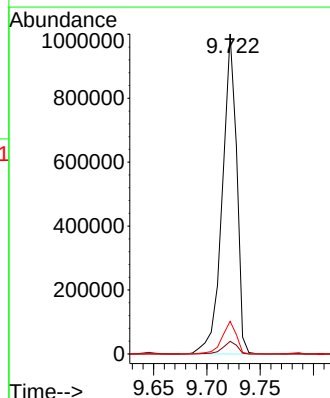
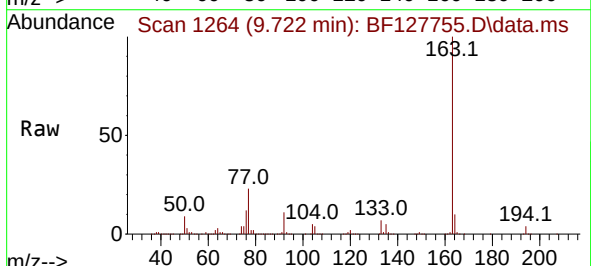
Tgt Ion:163 Resp: 933305

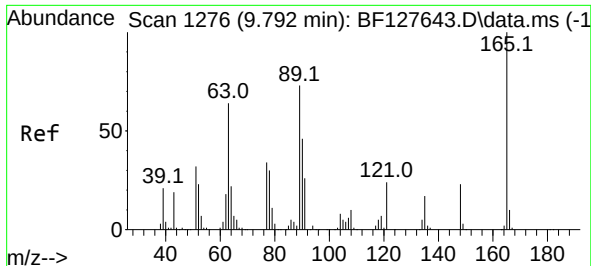
Ion Ratio Lower Upper

163 100

194 4.0 3.3 4.9

164 10.2 7.8 11.8

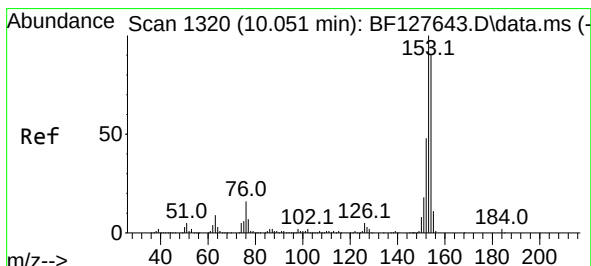
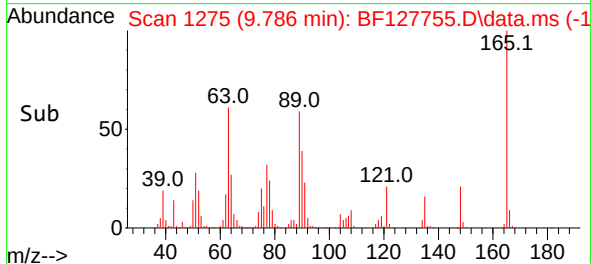
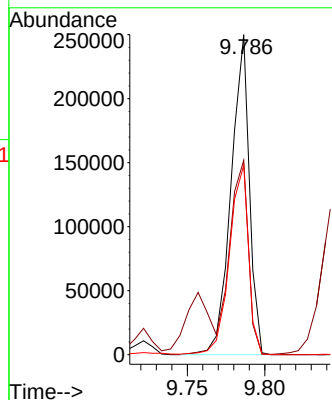
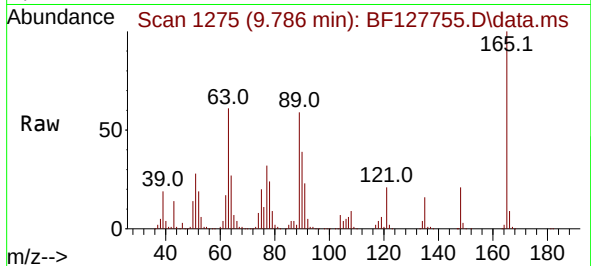




#51
2,6-Dinitrotoluene
Concen: 52.728 ng
RT: 9.786 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

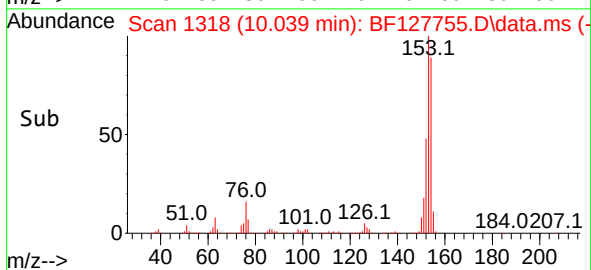
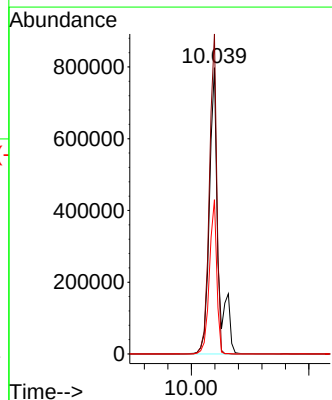
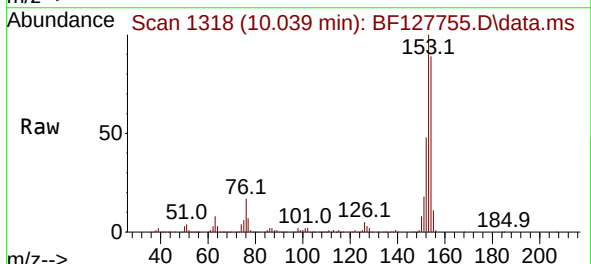
Instrument :
BNA_F
ClientSampleId :
PB144025BS

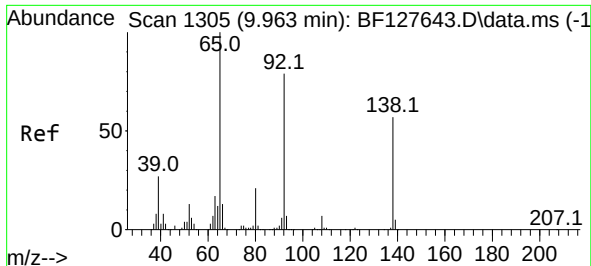
Tgt Ion:165 Resp: 205527
Ion Ratio Lower Upper
165 100
63 60.8 58.3 87.5
89 59.2 51.5 77.3



#52
Acenaphthene
Concen: 50.564 ng
RT: 10.039 min Scan# 1318
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion:154 Resp: 840128
Ion Ratio Lower Upper
154 100
153 111.8 87.6 131.4
152 53.9 42.9 64.3

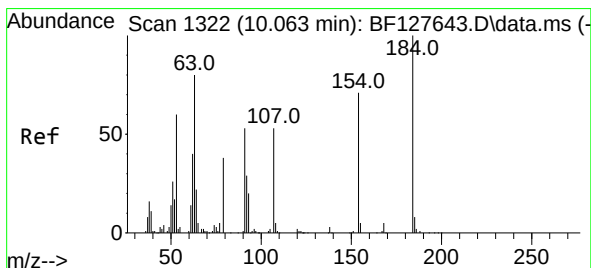
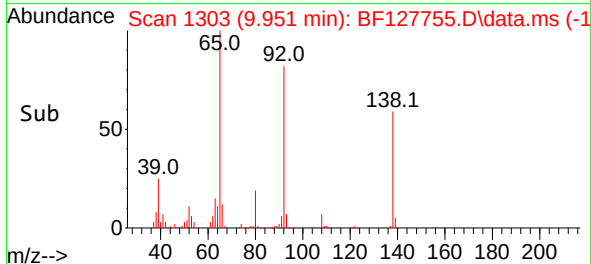
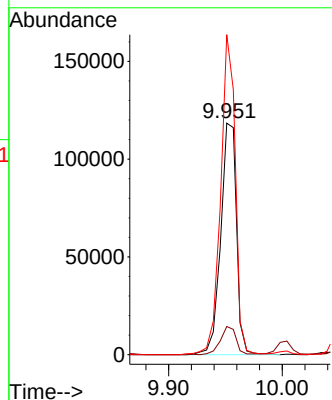
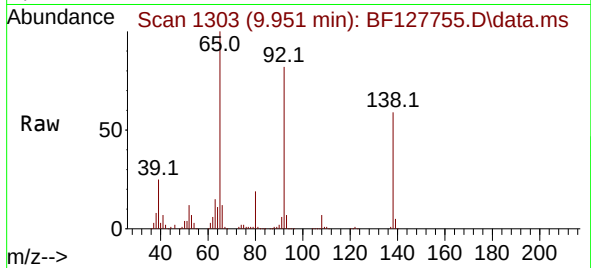




#53
3-Nitroaniline
Concen: 27.761 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

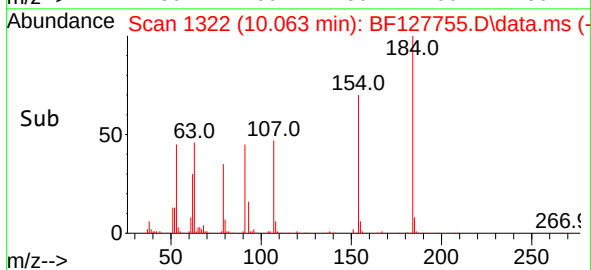
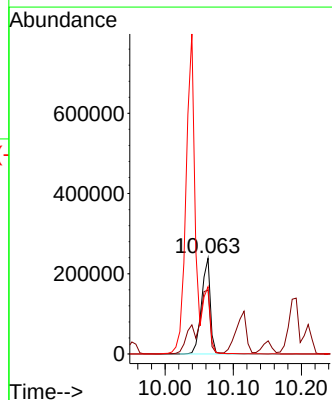
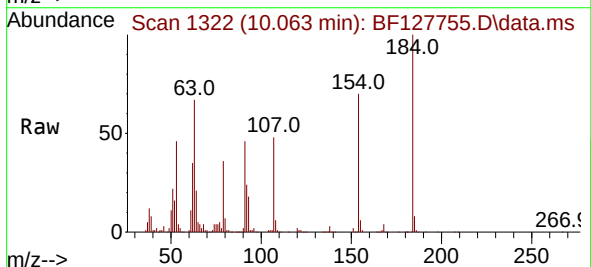
Instrument :
BNA_F
ClientSampleId :
PB144025BS

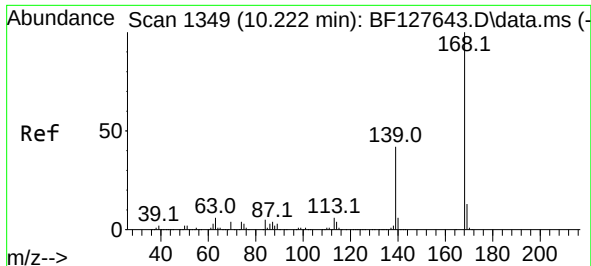
Tgt Ion:138 Resp: 114313
Ion Ratio Lower Upper
138 100
108 12.2 9.4 14.0
92 138.2 106.1 159.1



#54
2,4-Dinitrophenol
Concen: 109.130 ng
RT: 10.063 min Scan# 1322
Delta R.T. 0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion:184 Resp: 214829
Ion Ratio Lower Upper
184 100
63 66.7 58.1 87.1
154 70.3 53.2 79.8

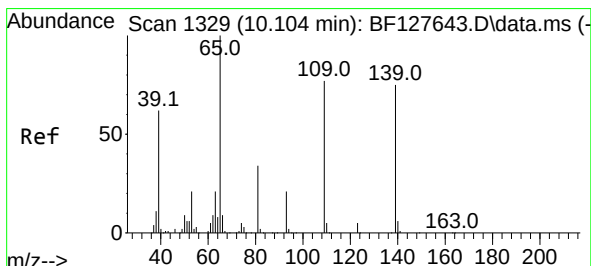
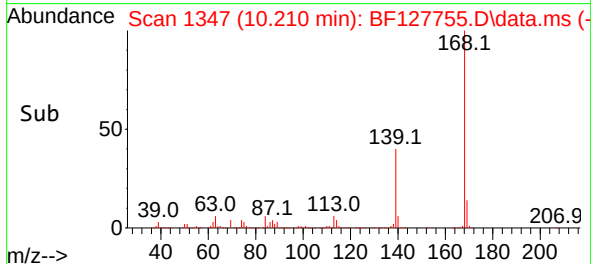
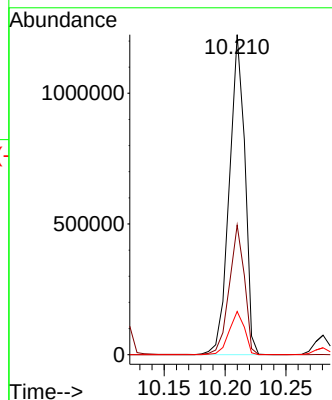
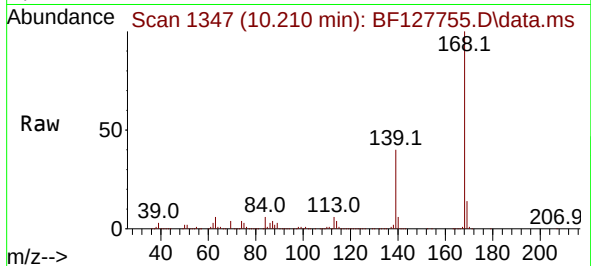




#55
Dibenzofuran
Concen: 44.797 ng
RT: 10.210 min Scan# 11
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

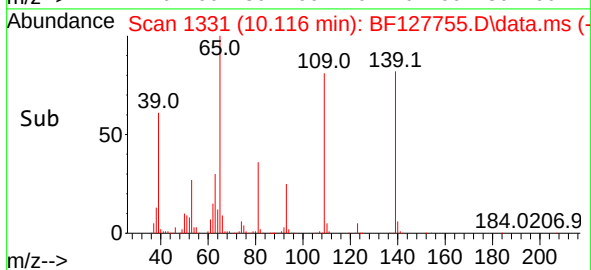
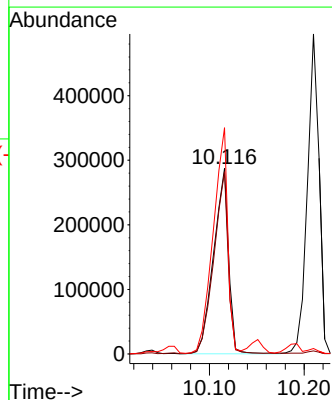
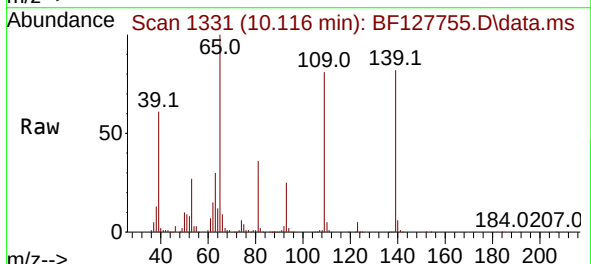
Instrument :
BNA_F
ClientSampleId :
PB144025BS

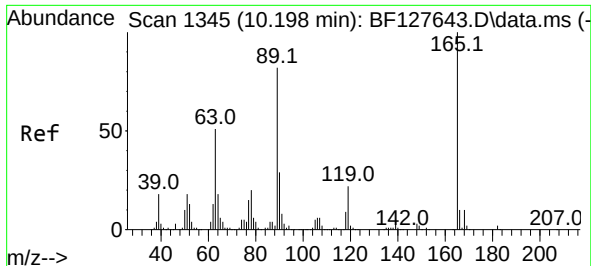
Tgt Ion:168 Resp: 1086148
Ion Ratio Lower Upper
168 100
139 40.5 30.3 45.5
169 13.5 10.8 16.2



#56
4-Nitrophenol
Concen: 98.222 ng
RT: 10.116 min Scan# 1331
Delta R.T. 0.012 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion:139 Resp: 317688
Ion Ratio Lower Upper
139 100
109 98.3 64.3 104.3
65 121.9 117.5 157.5

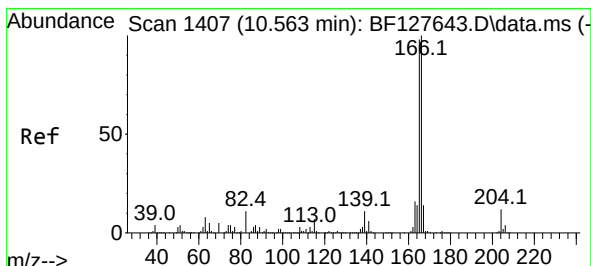
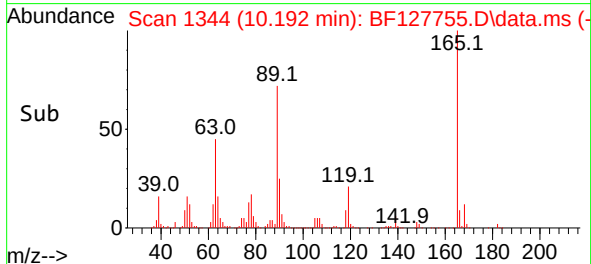
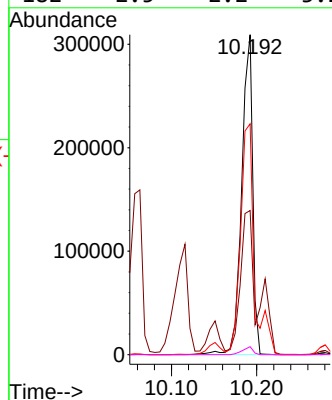
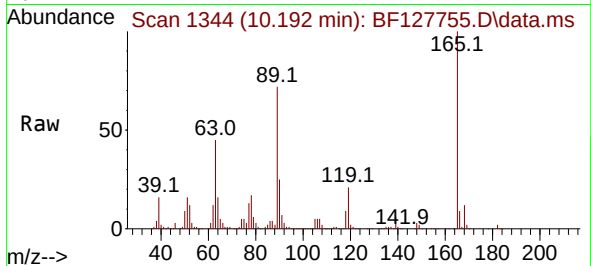




#57
2,4-Dinitrotoluene
Concen: 57.253 ng
RT: 10.192 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

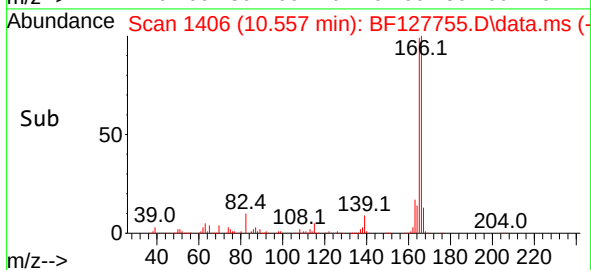
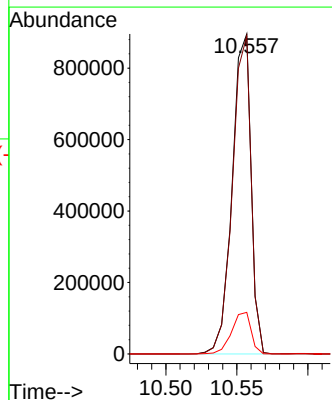
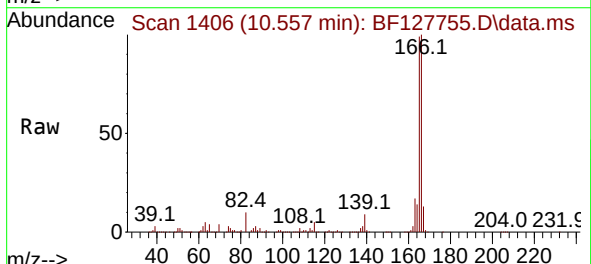
Instrument :
BNA_F
ClientSampleId :
PB144025BS

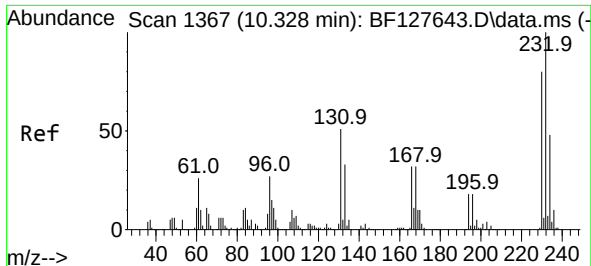
Tgt Ion:165 Resp: 276680
Ion Ratio Lower Upper
165 100
63 45.0 53.1 79.7#
89 72.1 69.2 103.8
182 2.5 2.2 3.2



#58
Fluorene
Concen: 46.181 ng
RT: 10.557 min Scan# 1406
Delta R.T. 0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion:166 Resp: 827303
Ion Ratio Lower Upper
166 100
165 99.4 78.1 117.1
167 13.0 10.5 15.7

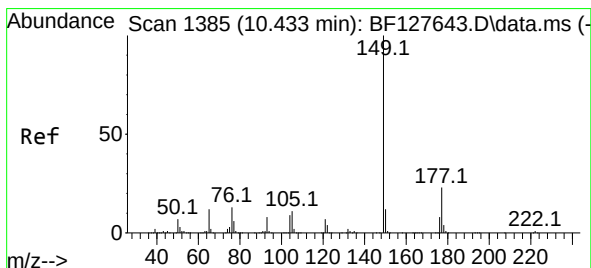
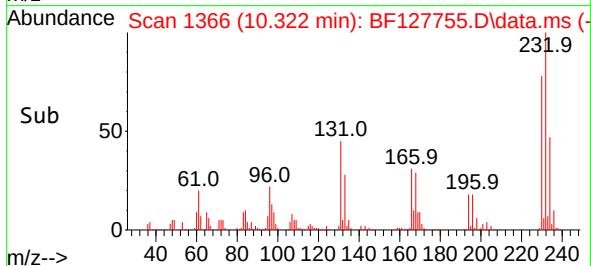
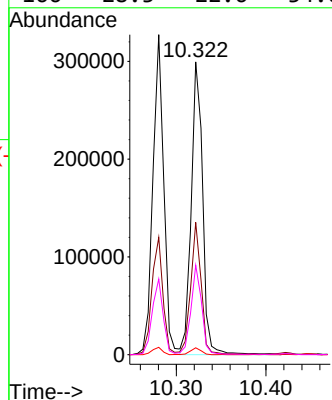
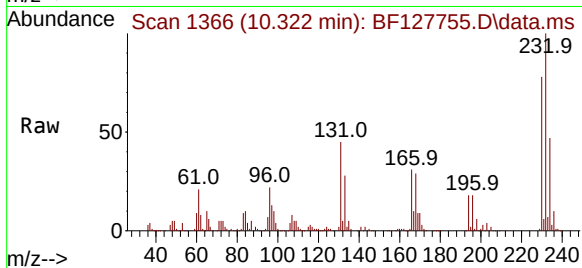




#59
2,3,4,6-Tetrachlorophenol
Concen: 47.462 ng
RT: 10.322 min Scan# 1366
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

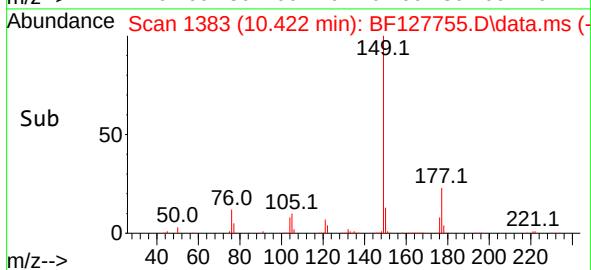
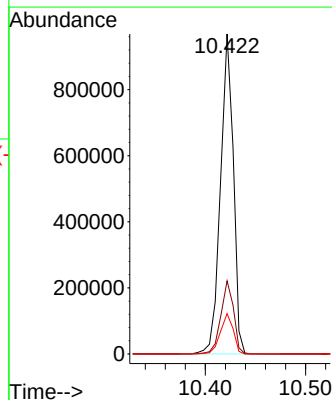
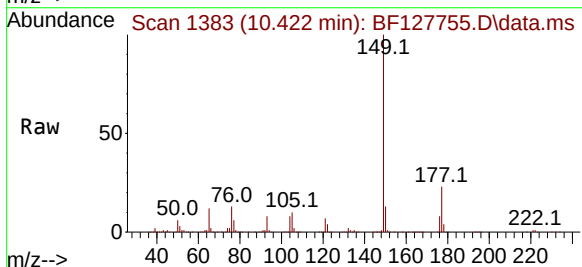
Instrument :
BNA_F
ClientSampleId :
PB144025BS

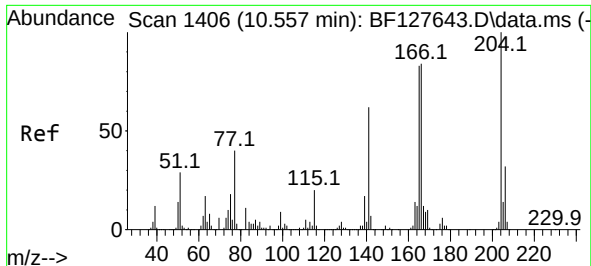
Tgt Ion:232 Resp: 265105
Ion Ratio Lower Upper
232 100
131 41.5 33.4 50.0
130 2.2 1.8 2.6
166 28.3 22.6 34.0



#60
Diethylphthalate
Concen: 43.431 ng
RT: 10.422 min Scan# 1383
Delta R.T. 0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion:149 Resp: 859417
Ion Ratio Lower Upper
149 100
177 22.8 18.9 28.3
150 12.6 10.0 15.0

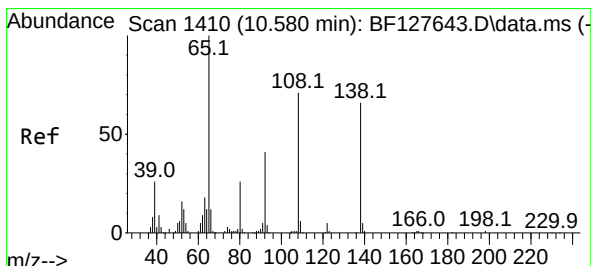
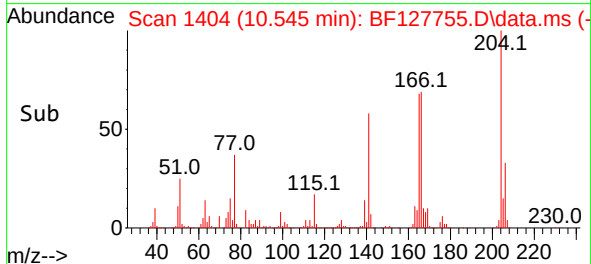
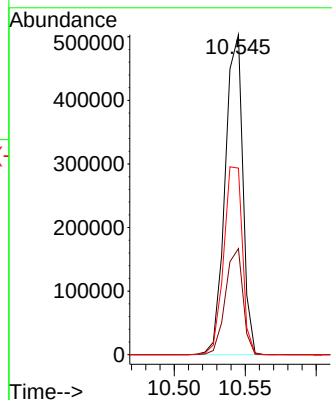
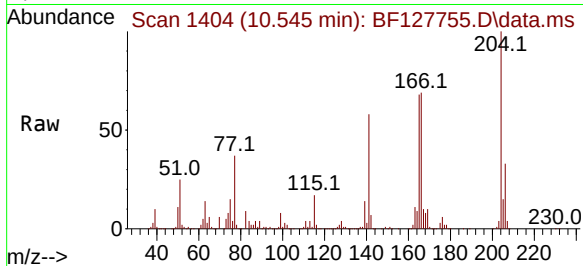




#61
4-Chlorophenyl-phenylether
Concen: 44.125 ng
RT: 10.545 min Scan# 1404
Delta R.T. 0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

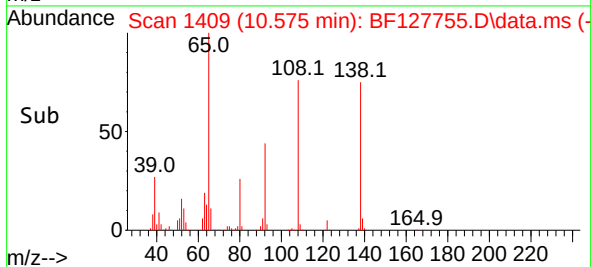
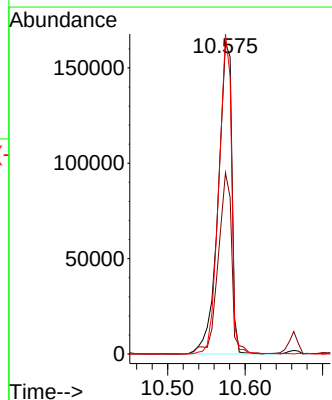
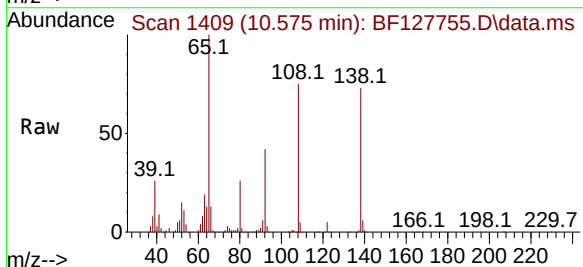
Instrument :
BNA_F
ClientSampleId :
PB144025BS

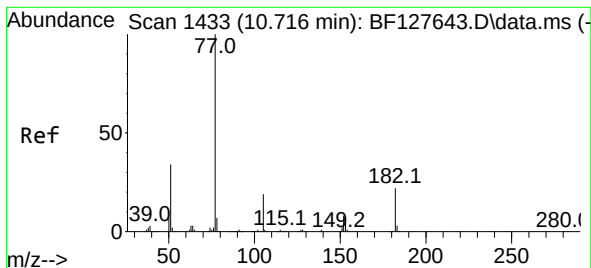
Tgt Ion:204 Resp: 434331
Ion Ratio Lower Upper
204 100
206 33.2 25.9 38.9
141 58.3 47.8 71.8



#62
4-Nitroaniline
Concen: 52.112 ng
RT: 10.575 min Scan# 1409
Delta R.T. 0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion:138 Resp: 202103
Ion Ratio Lower Upper
138 100
92 58.2 40.5 80.5
108 102.8 69.2 109.2





#63

Azobenzene

Concen: 41.370 ng

RT: 10.704 min Scan# 1433

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

Instrument :

BNA_F

ClientSampleId :

PB144025BS

Tgt Ion: 77 Resp: 914748

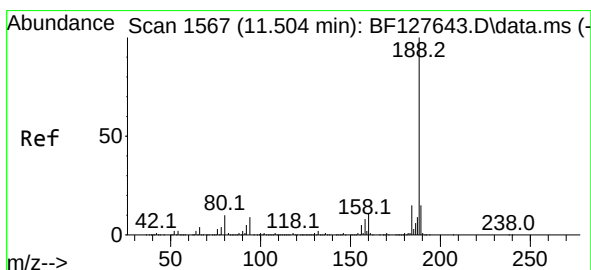
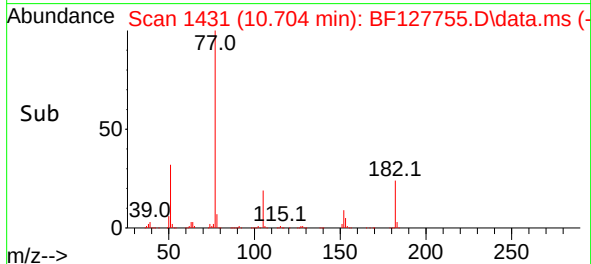
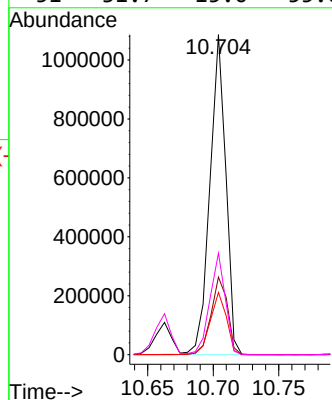
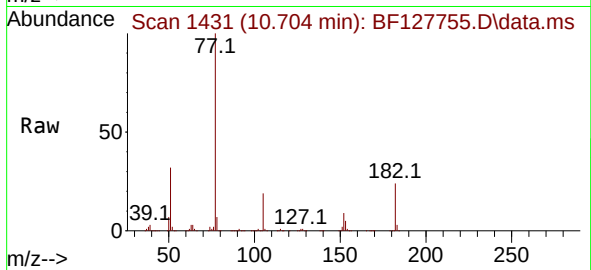
Ion Ratio Lower Upper

77 100

182 24.3 4.5 44.5

105 19.5 0.3 40.3

51 31.7 15.0 55.0



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.492 min Scan# 1565

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

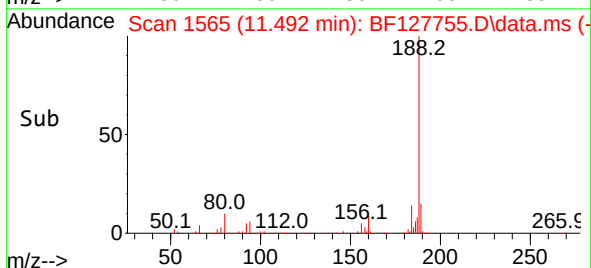
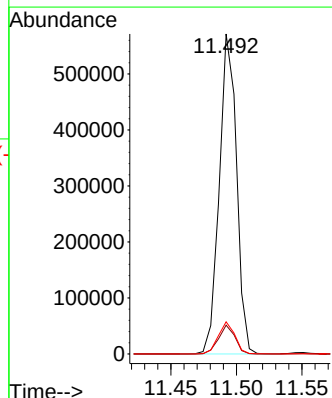
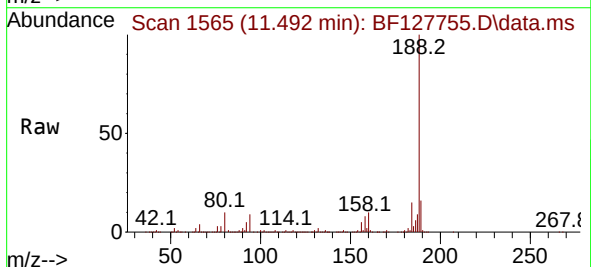
Tgt Ion: 188 Resp: 522094

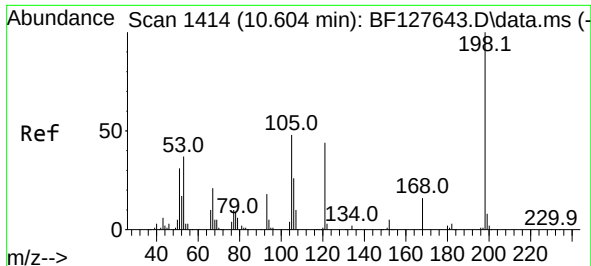
Ion Ratio Lower Upper

188 100

94 9.0 7.4 11.0

80 10.0 8.0 12.0

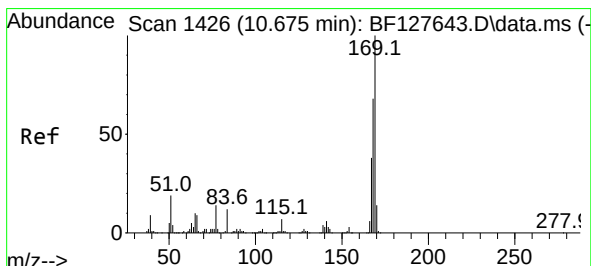
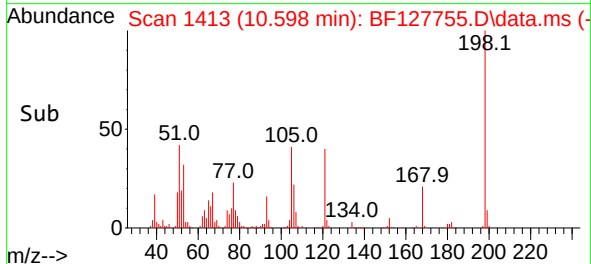
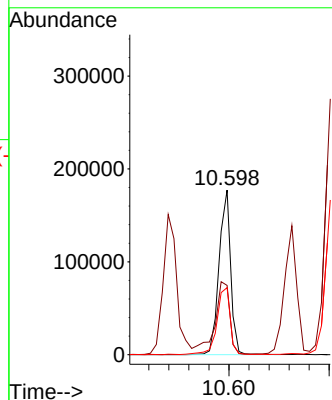
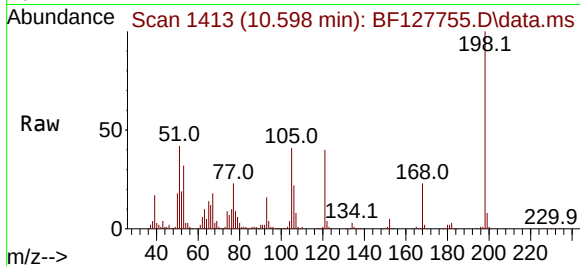




#65
4,6-Dinitro-2-methylphenol
Concen: 56.342 ng
RT: 10.598 min Scan# 1413
Delta R.T. 0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

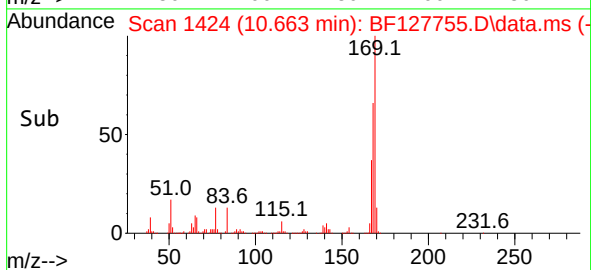
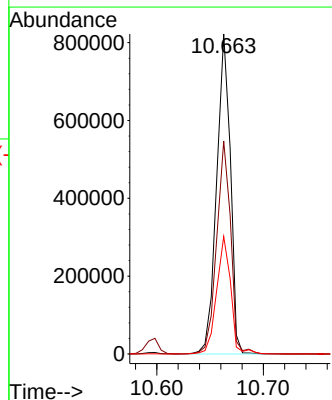
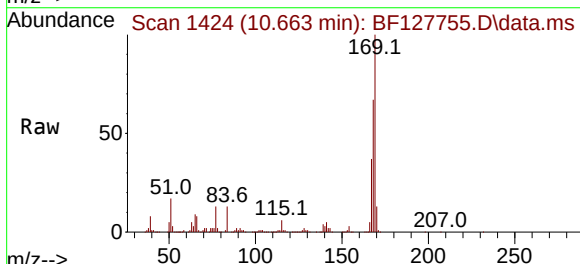
Instrument :
BNA_F
ClientSampleId :
PB144025BS

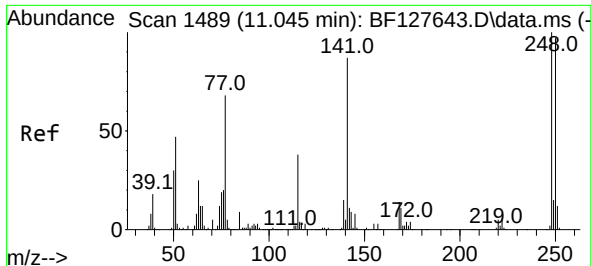
Tgt Ion:198 Resp: 142079
Ion Ratio Lower Upper
198 100
51 42.1 42.7 82.7#
105 40.7 25.4 65.4



#66
n-Nitrosodiphenylamine
Concen: 44.618 ng
RT: 10.663 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion:169 Resp: 733666
Ion Ratio Lower Upper
169 100
168 66.6 52.7 79.1
167 36.7 28.9 43.3





#67

4-Bromophenyl-phenylether

Concen: 45.933 ng

RT: 11.033 min Scan# 1487

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

Instrument :

BNA_F

ClientSampleId :

PB144025BS

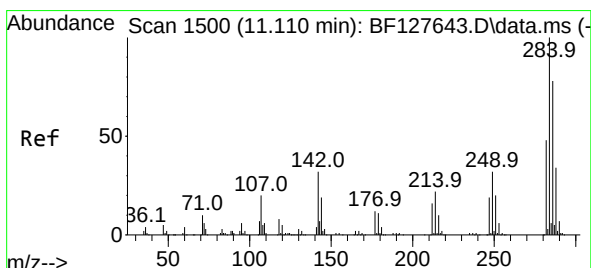
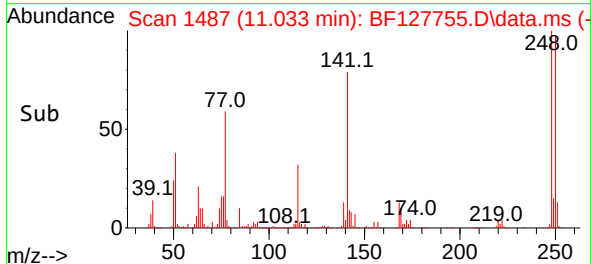
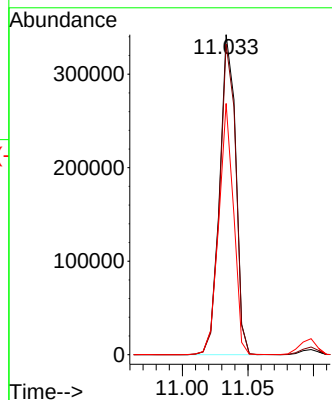
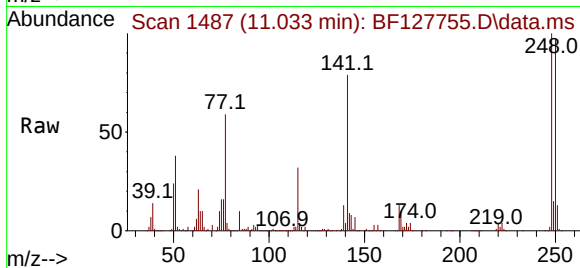
Tgt Ion:248 Resp: 291048

Ion Ratio Lower Upper

248 100

250 97.1 76.6 115.0

141 78.5 52.2 78.2#



#68

Hexachlorobenzene

Concen: 48.682 ng

RT: 11.098 min Scan# 1498

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

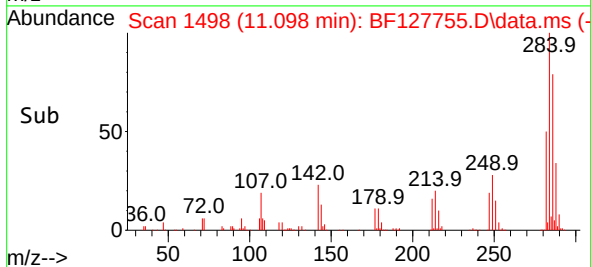
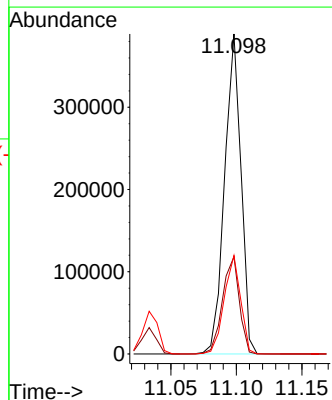
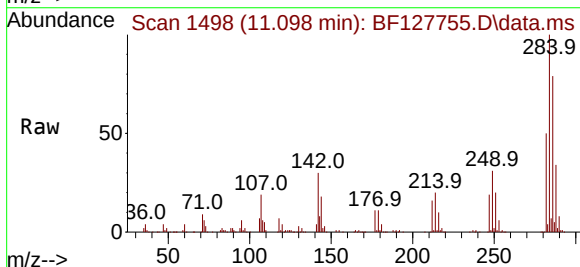
Tgt Ion:284 Resp: 337200

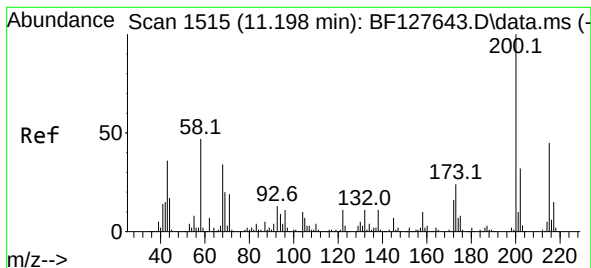
Ion Ratio Lower Upper

284 100

142 30.4 23.8 35.8

249 30.8 23.9 35.9





#69

Atrazine

Concen: 51.200 ng

RT: 11.192 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

Instrument :

BNA_F

ClientSampleId :

PB144025BS

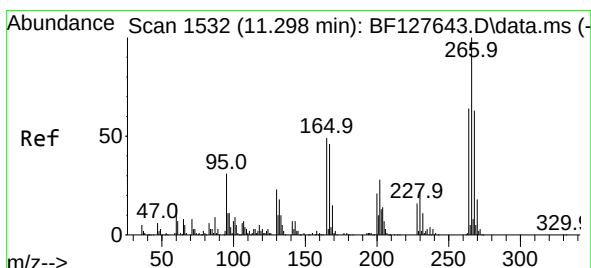
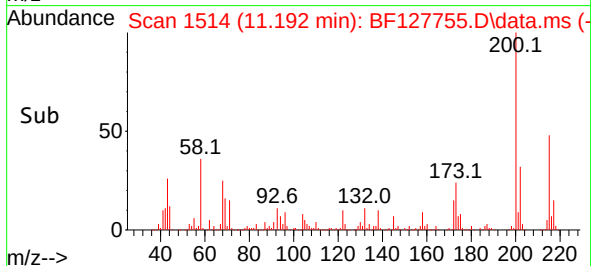
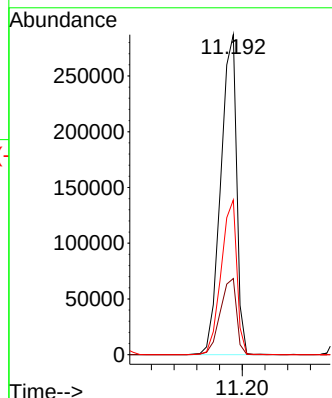
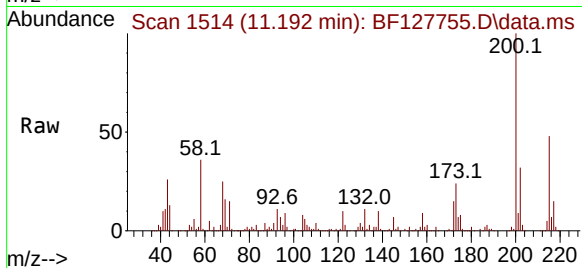
Tgt Ion:200 Resp: 279714

Ion Ratio Lower Upper

200 100

173 23.8 2.9 42.9

215 48.4 28.0 68.0



#70

Pentachlorophenol

Concen: 91.202 ng

RT: 11.292 min Scan# 1531

Delta R.T. 0.006 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

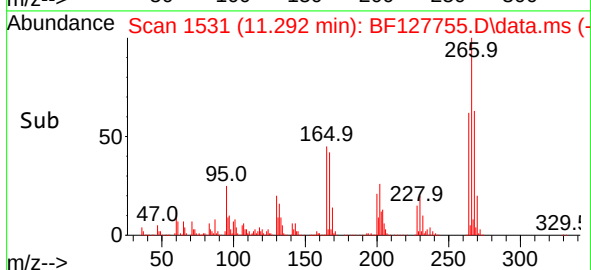
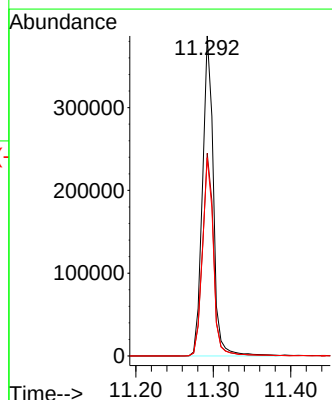
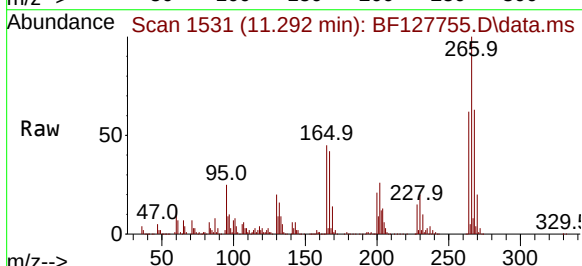
Tgt Ion:266 Resp: 377296

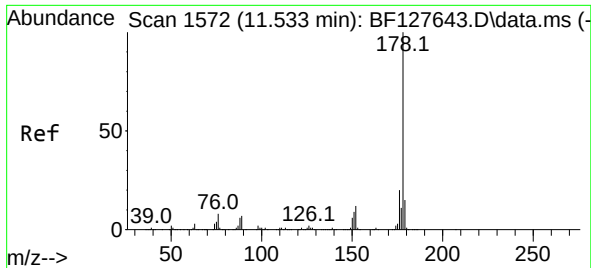
Ion Ratio Lower Upper

266 100

268 63.4 50.4 75.6

264 61.9 48.5 72.7

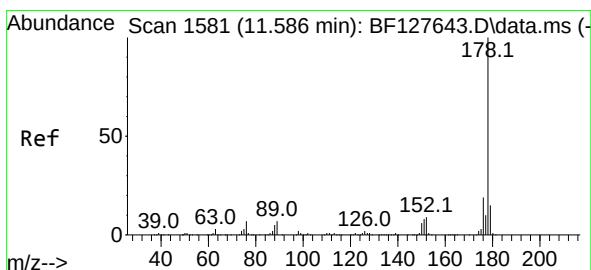
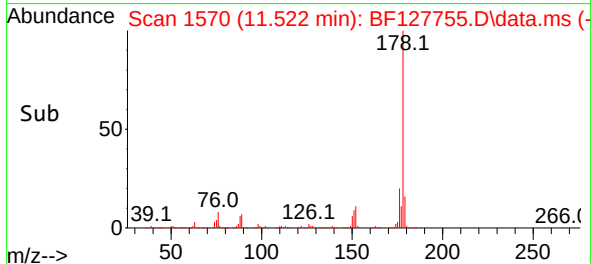
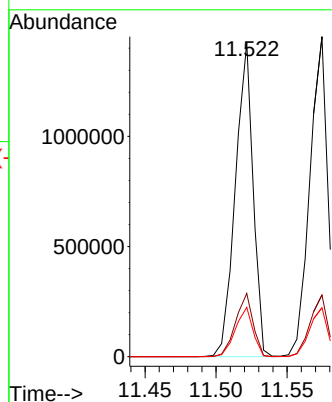
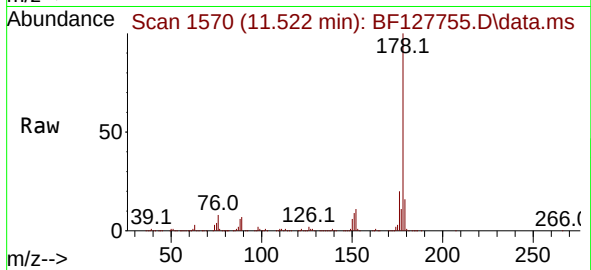




#71
Phenanthrene
Concen: 44.856 ng
RT: 11.522 min Scan# 1572
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

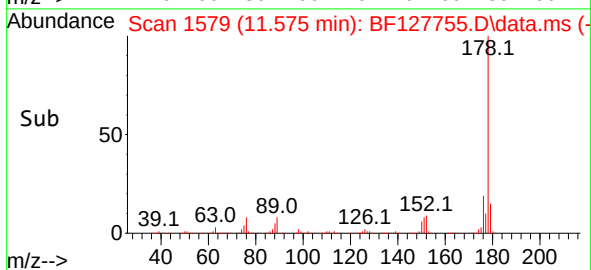
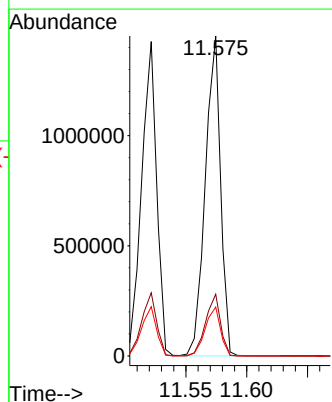
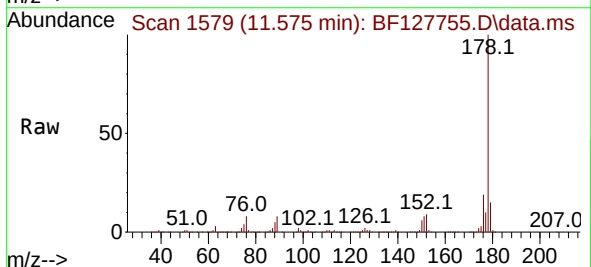
Instrument :
BNA_F
ClientSampleId :
PB144025BS

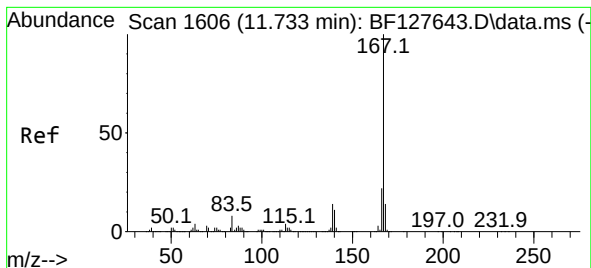
Tgt Ion:178 Resp: 1240805
Ion Ratio Lower Upper
178 100
176 20.1 15.4 23.2
179 15.7 12.4 18.6



#72
Anthracene
Concen: 46.374 ng
RT: 11.575 min Scan# 1579
Delta R.T. 0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion:178 Resp: 1268927
Ion Ratio Lower Upper
178 100
176 19.3 14.6 22.0
179 15.3 12.4 18.6





#73

Carbazole

Concen: 44.027 ng

RT: 11.727 min Scan# 1

Delta R.T. 0.006 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

Instrument :

BNA_F

ClientSampleId :

PB144025BS

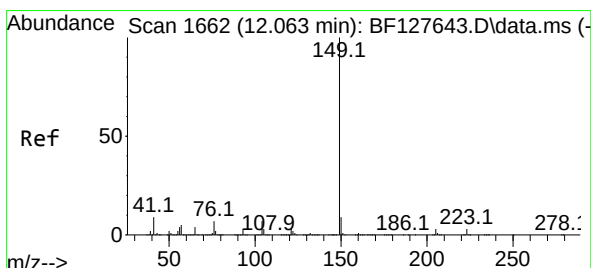
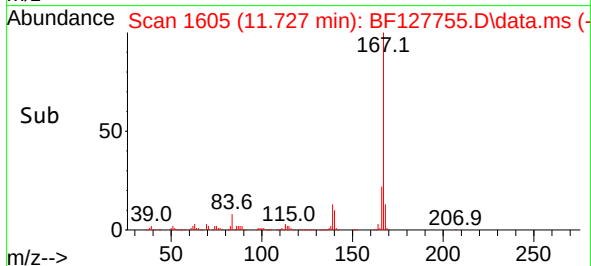
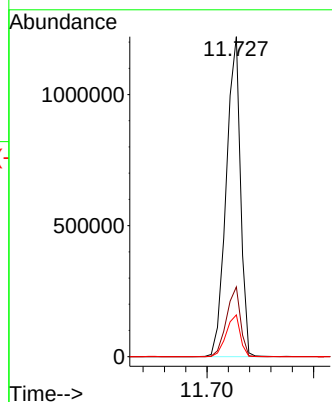
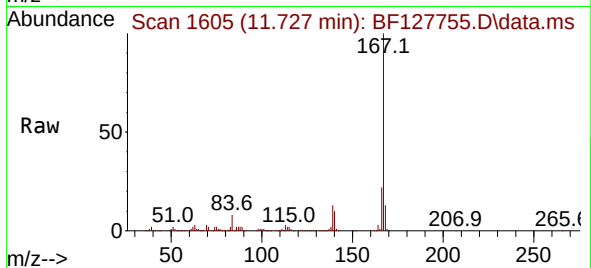
Tgt Ion:167 Resp: 1128833

Ion Ratio Lower Upper

167 100

166 21.8 17.0 25.4

139 13.1 10.5 15.7



#74

Di-n-butylphthalate

Concen: 40.626 ng

RT: 12.051 min Scan# 1660

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

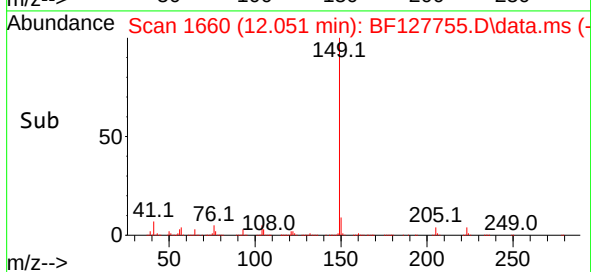
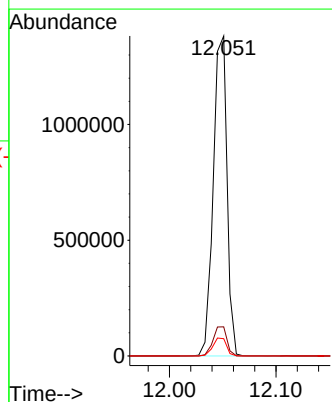
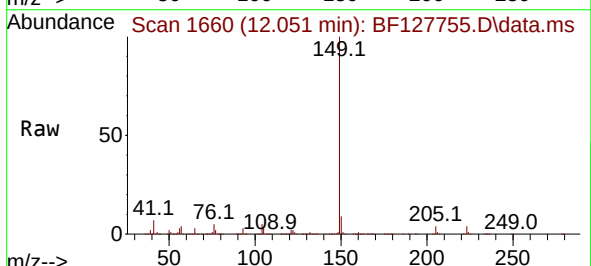
Tgt Ion:149 Resp: 1245194

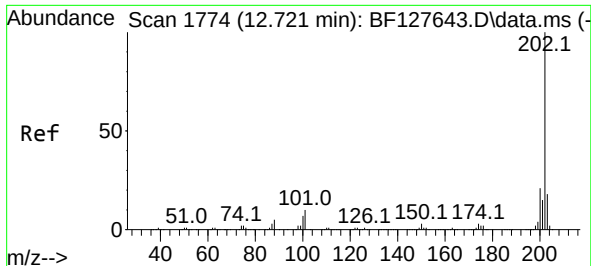
Ion Ratio Lower Upper

149 100

150 9.1 7.5 11.3

104 5.4 4.2 6.2

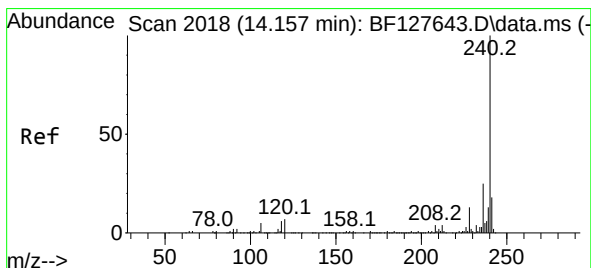
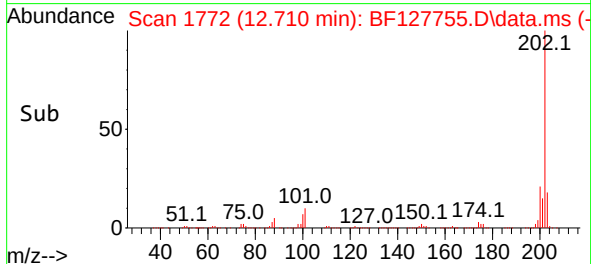
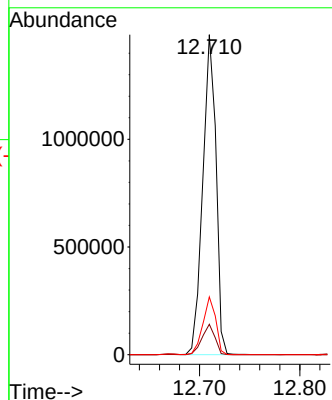
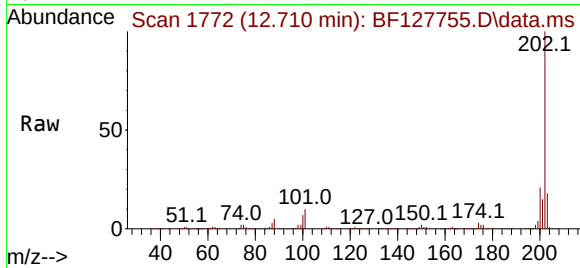




#75
Fluoranthene
Concen: 45.195 ng
RT: 12.710 min Scan# 1
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

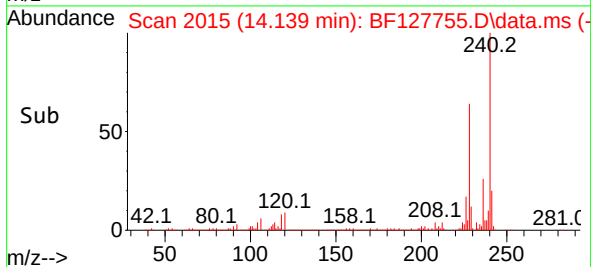
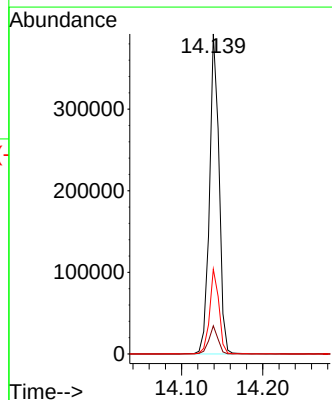
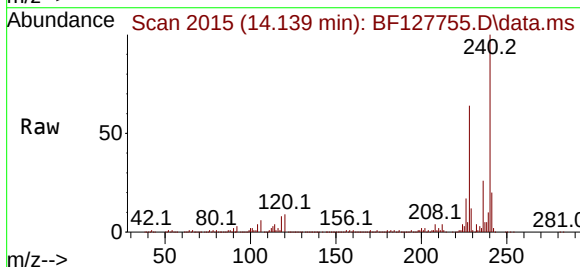
Instrument :
BNA_F
ClientSampleId :
PB144025BS

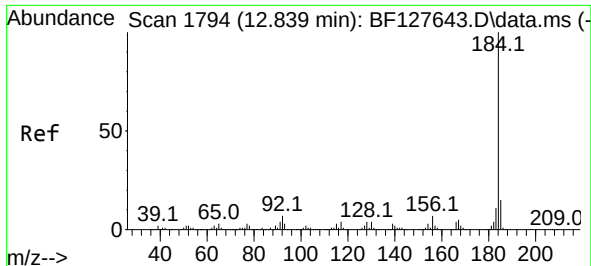
Tgt Ion:202 Resp: 1364250
Ion Ratio Lower Upper
202 100
101 9.5 0.0 29.0
203 18.1 0.0 37.7



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.139 min Scan# 2015
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion:240 Resp: 318319
Ion Ratio Lower Upper
240 100
120 8.8 7.1 10.7
236 26.5 20.7 31.1

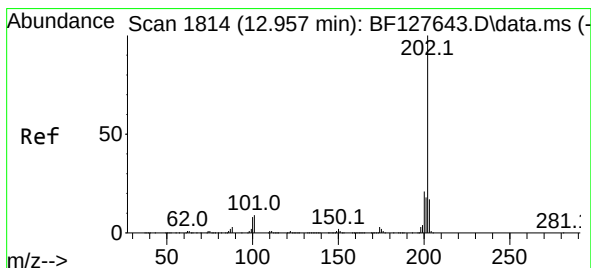
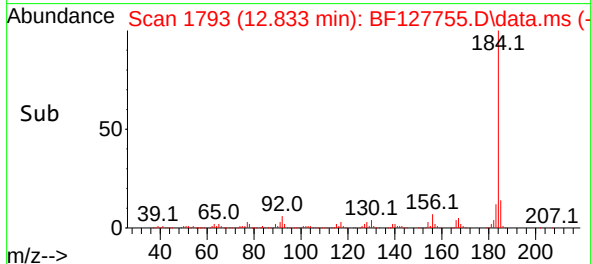
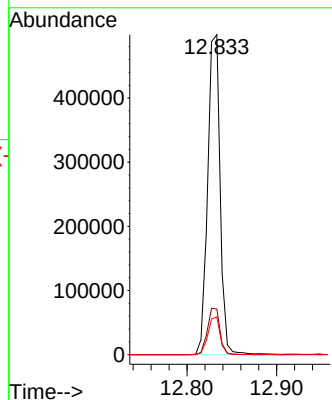
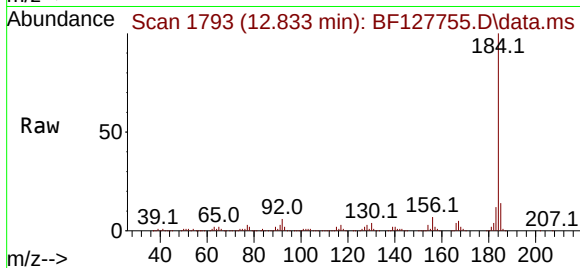




#77
Benzidine
Concen: 57.889 ng
RT: 12.833 min Scan# 11
Delta R.T. 0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

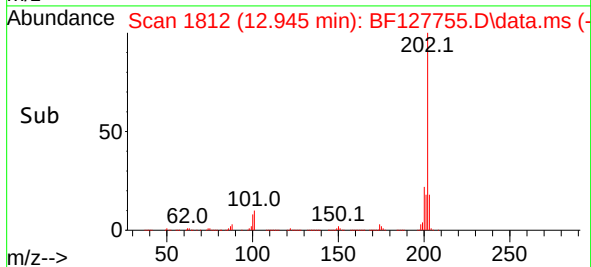
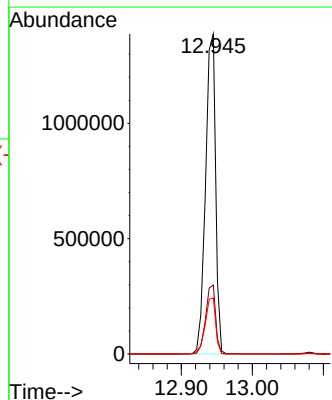
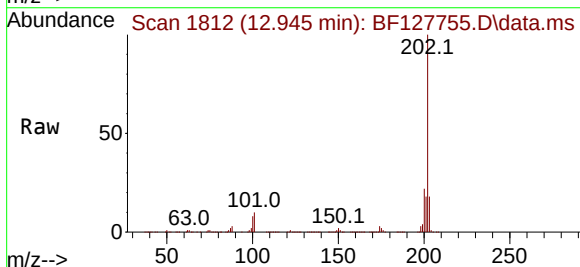
Instrument :
BNA_F
ClientSampleId :
PB144025BS

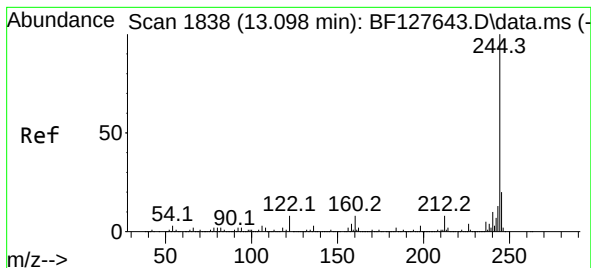
Tgt Ion:184 Resp: 480965
Ion Ratio Lower Upper
184 100
185 14.3 12.2 18.2
183 11.8 9.4 14.0



#78
Pyrene
Concen: 51.126 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion:202 Resp: 1374250
Ion Ratio Lower Upper
202 100
200 21.5 17.1 25.7
203 17.5 14.3 21.5





#79

Terphenyl-d14

Concen: 93.959 ng

RT: 13.080 min Scan# 1835

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

Instrument :

BNA_F

ClientSampleId :

PB144025BS

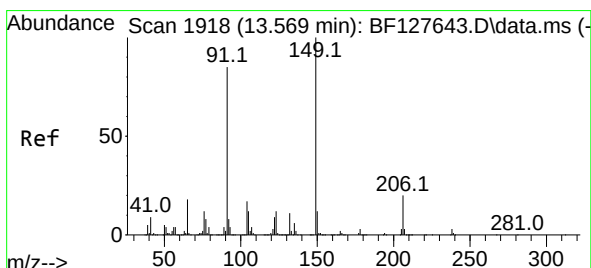
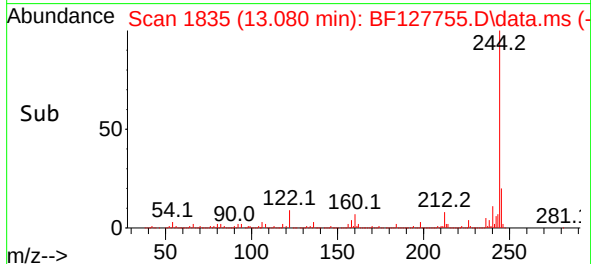
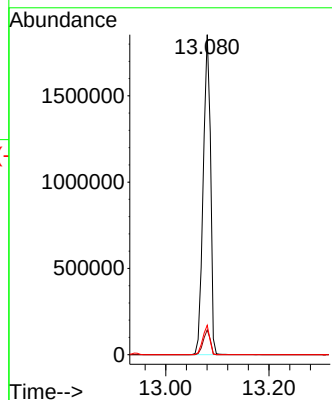
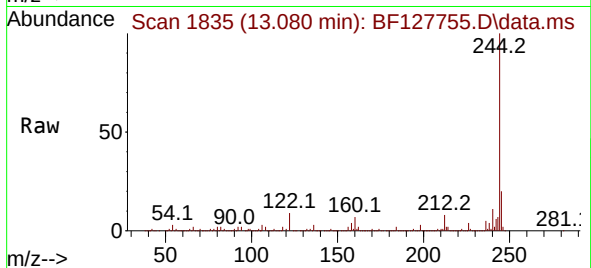
Tgt Ion:244 Resp: 1812008

Ion Ratio Lower Upper

244 100

212 7.8 5.7 8.5

122 9.2 6.2 9.2



#80

Butylbenzylphthalate

Concen: 43.204 ng

RT: 13.551 min Scan# 1915

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

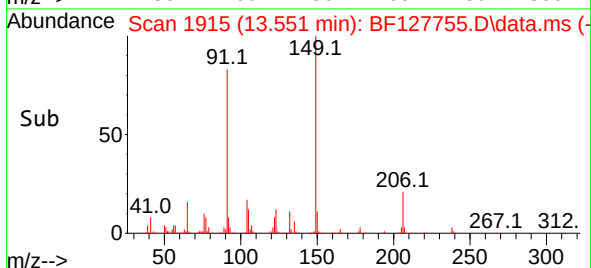
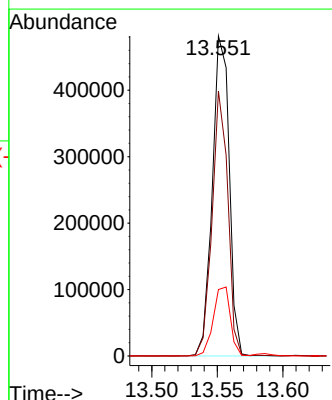
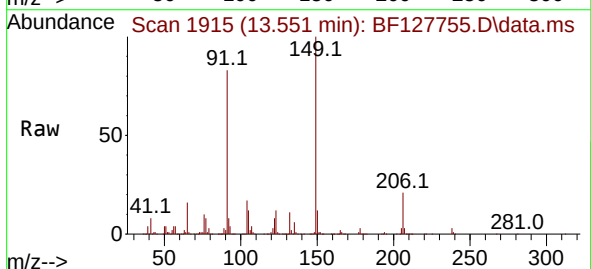
Tgt Ion:149 Resp: 432398

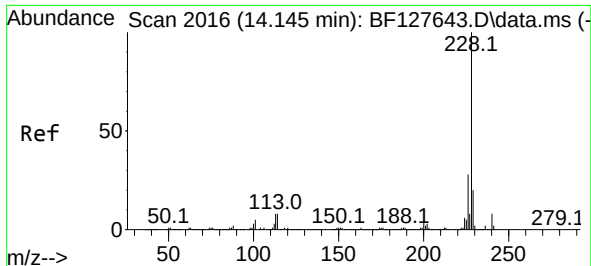
Ion Ratio Lower Upper

149 100

91 82.8 69.1 103.7

206 20.8 17.7 26.5

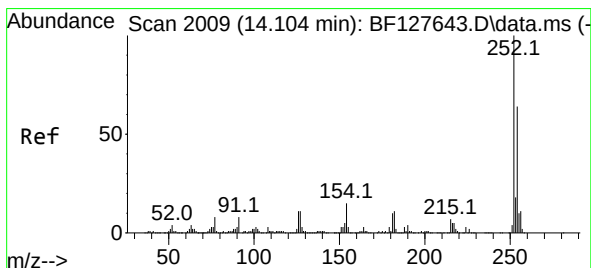
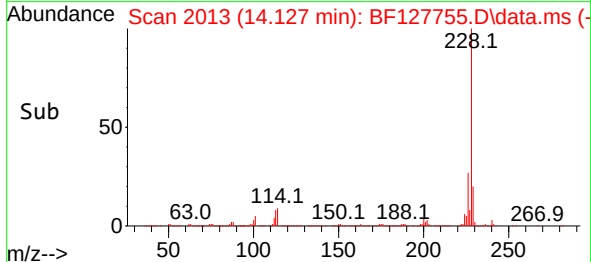
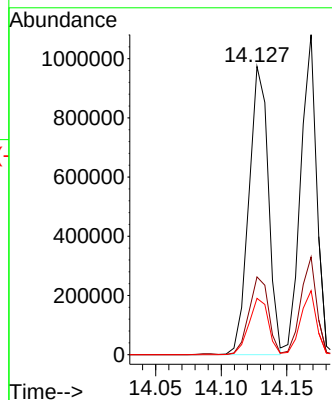
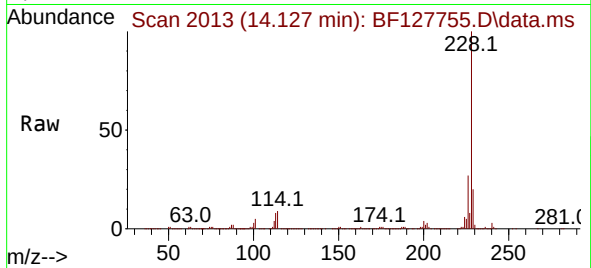




#81
Benzo(a)anthracene
Concen: 47.143 ng
RT: 14.127 min Scan# 2006
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

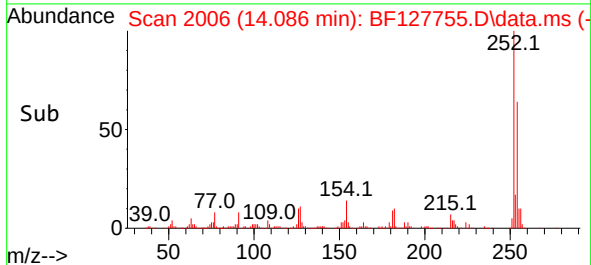
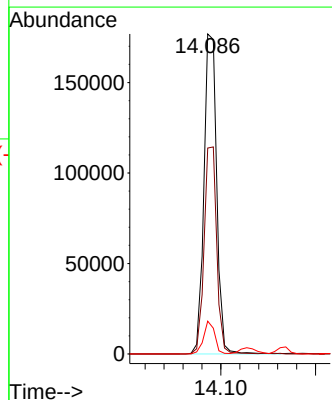
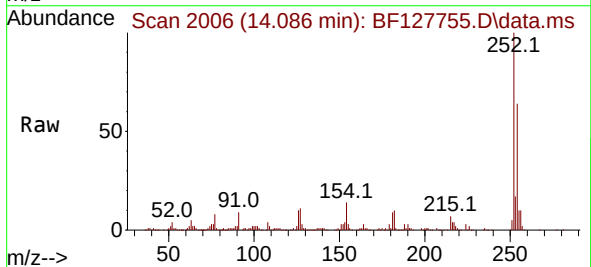
Instrument :
BNA_F
ClientSampleId :
PB144025BS

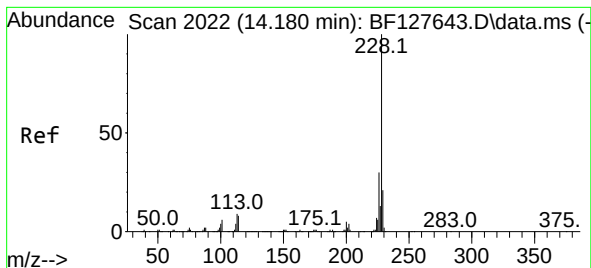
Tgt Ion:228 Resp: 1002268
Ion Ratio Lower Upper
228 100
226 27.0 21.6 32.4
229 19.5 15.4 23.2



#82
3,3'-Dichlorobenzidine
Concen: 24.896 ng
RT: 14.086 min Scan# 2006
Delta R.T. -0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion:252 Resp: 165011
Ion Ratio Lower Upper
252 100
254 64.3 50.2 75.4
126 10.3 8.7 13.1





#83

Chrysene

Concen: 44.712 ng

RT: 14.168 min Scan# 20

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

Instrument :

BNA_F

ClientSampleId :

PB144025BS

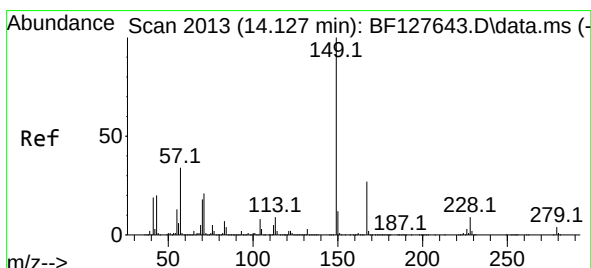
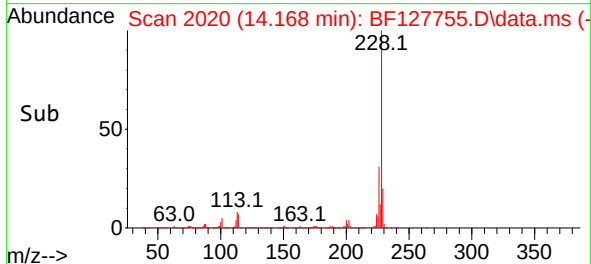
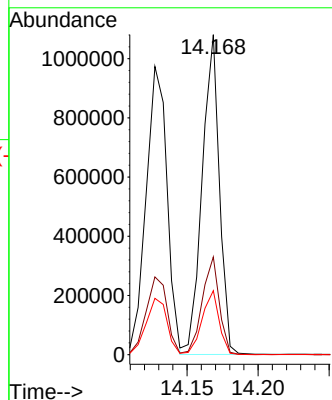
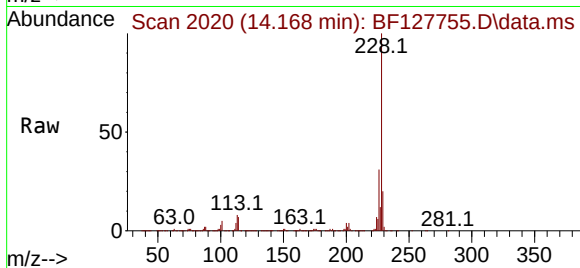
Tgt Ion:228 Resp: 912473

Ion Ratio Lower Upper

228 100

226 30.6 24.2 36.4

229 20.0 15.4 23.2



#84

Bis(2-ethylhexyl)phthalate

Concen: 35.284 ng

RT: 14.110 min Scan# 2010

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

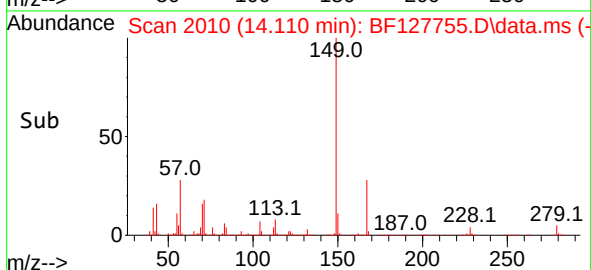
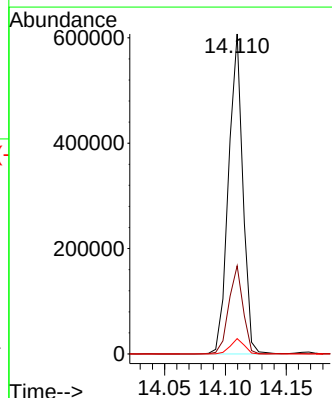
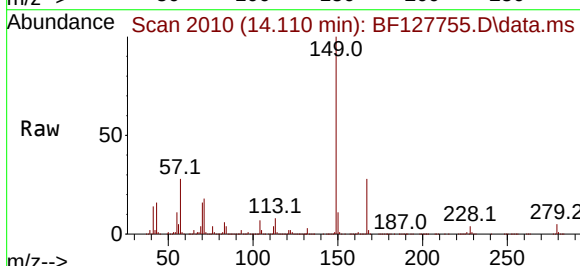
Tgt Ion:149 Resp: 497757

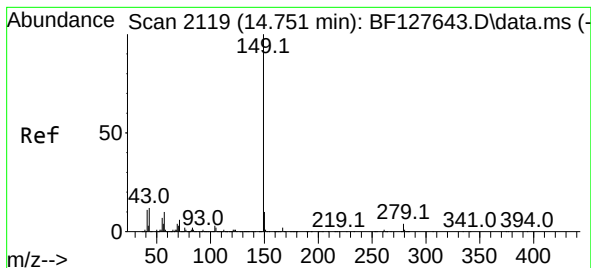
Ion Ratio Lower Upper

149 100

167 27.6 22.9 34.3

279 4.8 3.2 4.8





#85

Di-n-octyl phthalate

Concen: 31.462 ng

RT: 14.727 min Scan# 2115

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

Instrument :

BNA_F

ClientSampleId :

PB144025BS

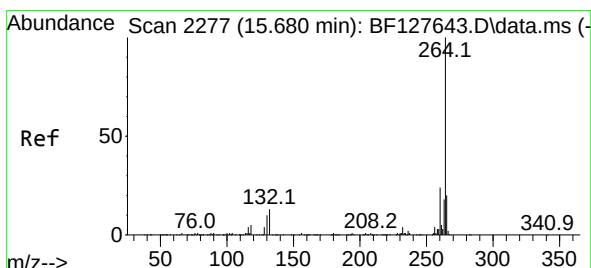
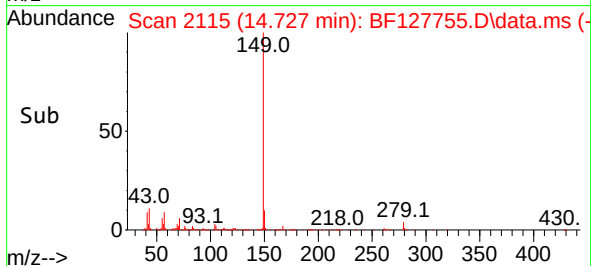
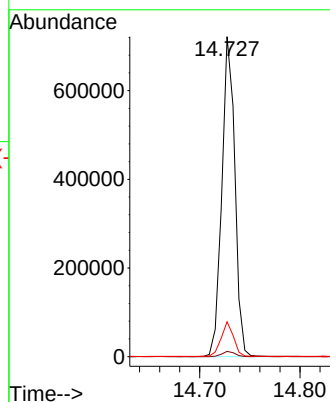
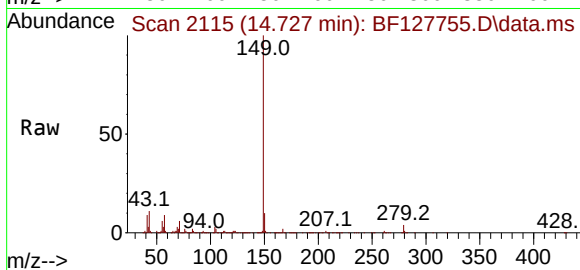
Tgt Ion:149 Resp: 648972

Ion Ratio Lower Upper

149 100

167 1.7 1.3 1.9

43 10.4 11.0 16.6#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.657 min Scan# 2273

Delta R.T. 0.000 min

Lab File: BF127755.D

Acq: 12 Apr 2022 13:33

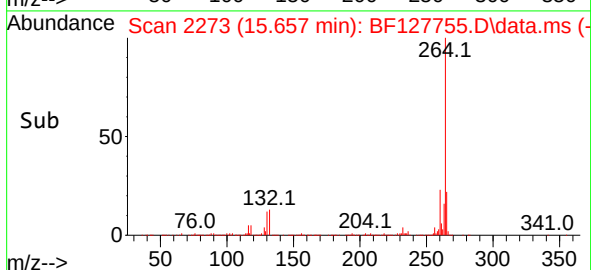
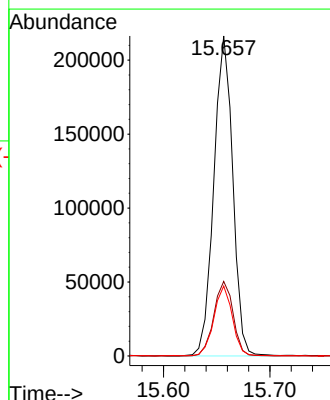
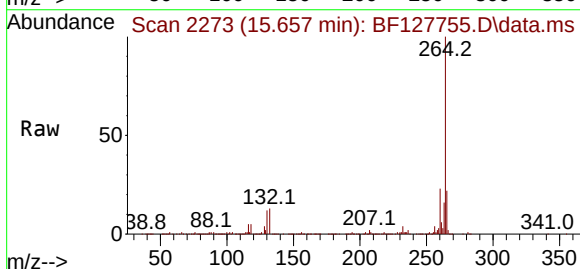
Tgt Ion:264 Resp: 267221

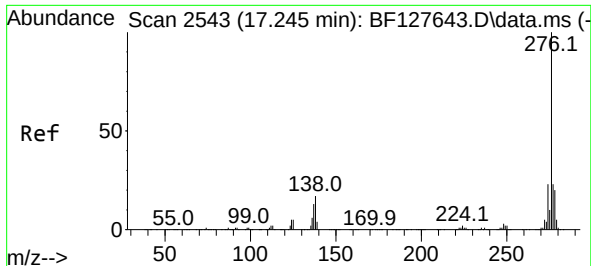
Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.8 17.4 26.2

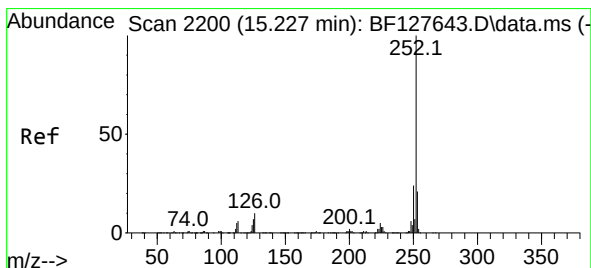
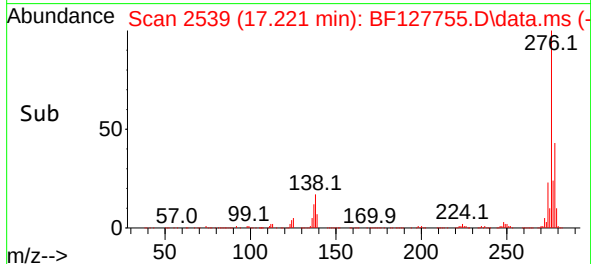
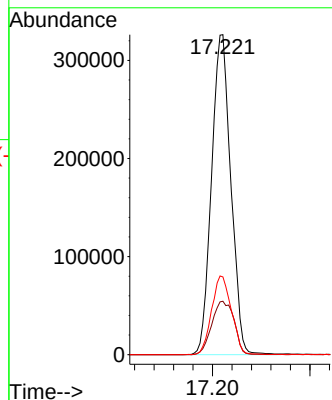
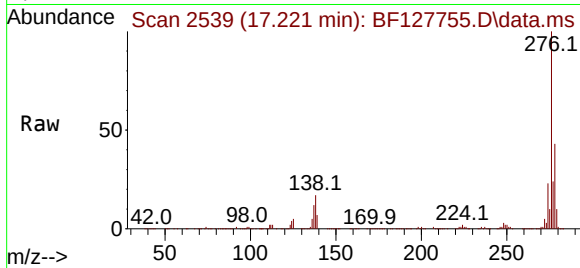




#87
Indeno(1,2,3-cd)pyrene
Concen: 53.725 ng
RT: 17.221 min Scan# 2196
Delta R.T. 0.006 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

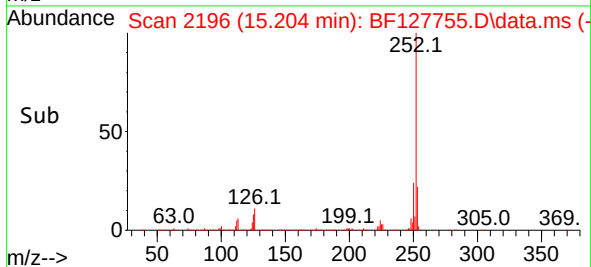
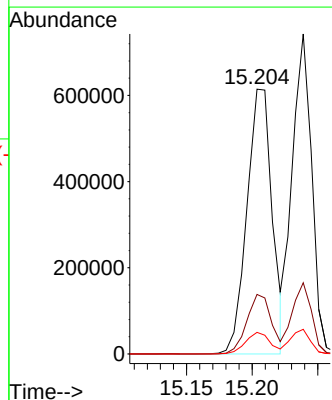
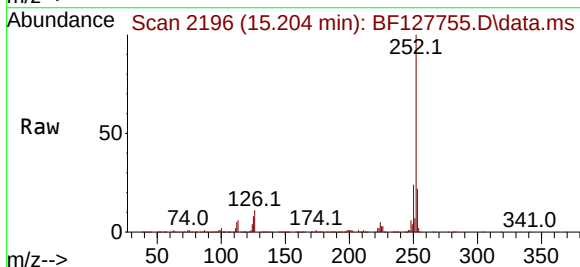
Instrument :
BNA_F
ClientSampleId :
PB144025BS

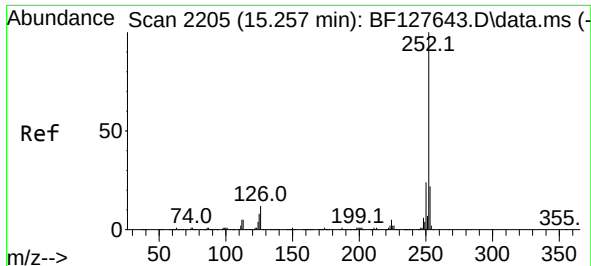
Tgt Ion:276 Resp: 896975
Ion Ratio Lower Upper
276 100
138 19.3 17.1 25.7
277 25.3 19.9 29.9



#88
Benzo(b)fluoranthene
Concen: 47.896 ng
RT: 15.204 min Scan# 2196
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion:252 Resp: 823342
Ion Ratio Lower Upper
252 100
253 22.5 17.9 26.9
125 8.2 7.0 10.4

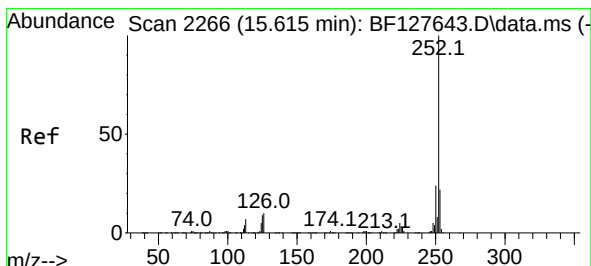
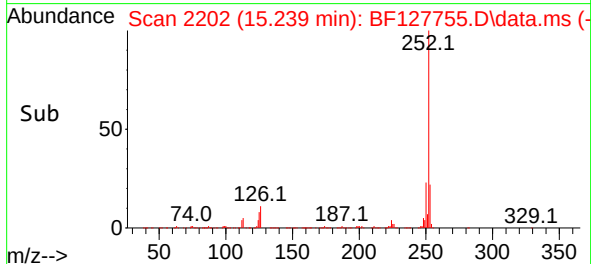
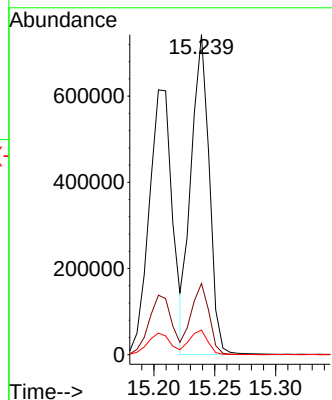
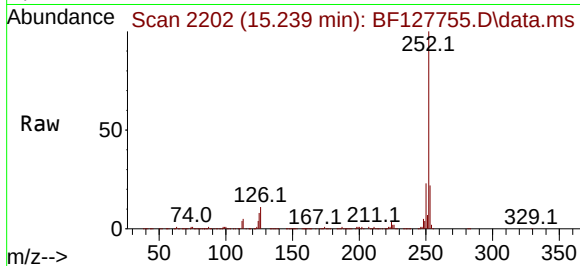




#89
Benzo(k)fluoranthene
Concen: 45.037 ng
RT: 15.239 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

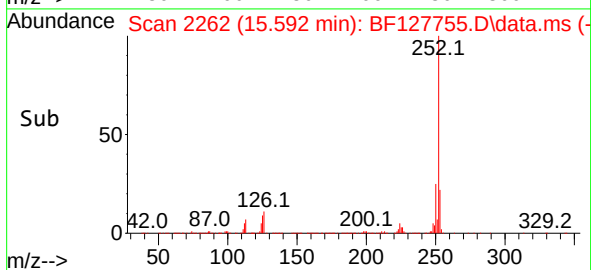
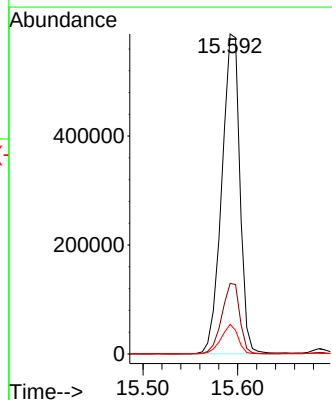
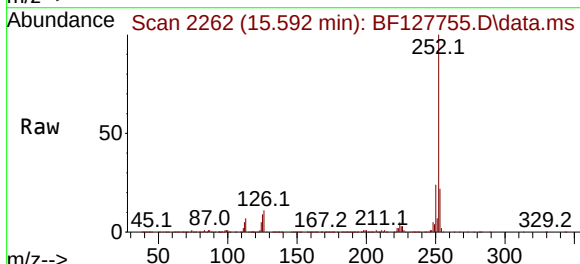
Instrument :
BNA_F
ClientSampleId :
PB144025BS

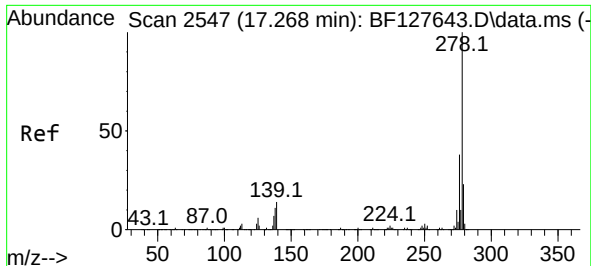
Tgt Ion:252 Resp: 767849
Ion Ratio Lower Upper
252 100
253 22.2 17.3 25.9
125 7.7 6.9 10.3



#90
Benzo(a)pyrene
Concen: 55.837 ng
RT: 15.592 min Scan# 2262
Delta R.T. 0.000 min
Lab File: BF127755.D
Acq: 12 Apr 2022 13:33

Tgt Ion:252 Resp: 780165
Ion Ratio Lower Upper
252 100
253 22.1 17.0 25.6
125 9.3 6.7 10.1

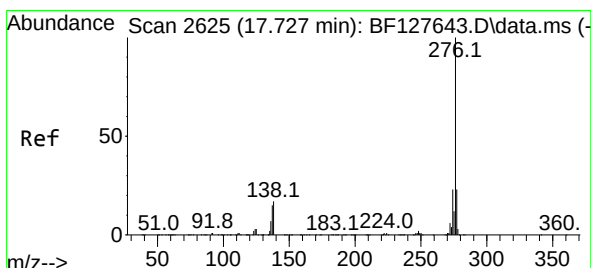
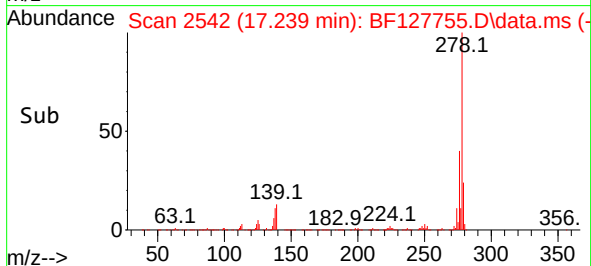
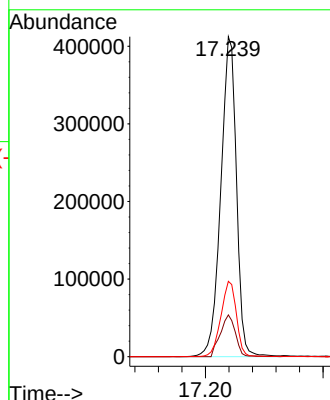
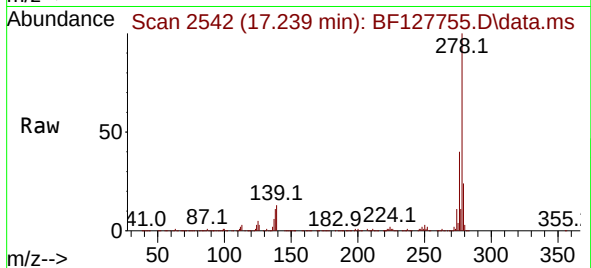




#91
 Dibenzo(a,h)anthracene
 Concen: 56.378 ng
 RT: 17.239 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF127755.D
 Acq: 12 Apr 2022 13:33

Instrument :
 BNA_F
 ClientSampleId :
 PB144025BS

Tgt Ion:278 Resp: 762645
 Ion Ratio Lower Upper
 278 100
 139 13.0 10.8 16.2
 279 23.6 17.7 26.5



#92
 Benzo(g,h,i)perylene
 Concen: 57.999 ng
 RT: 17.698 min Scan# 2620
 Delta R.T. 0.006 min
 Lab File: BF127755.D
 Acq: 12 Apr 2022 13:33

Tgt Ion:276 Resp: 804339
 Ion Ratio Lower Upper
 276 100
 277 23.2 19.0 28.4
 138 17.3 14.6 22.0

