

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF032922\
 Data File : BF127563.D
 Acq On : 29 Mar 2022 14:10
 Operator : CG\JU
 Sample : N2154-01
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-5

Quant Time: Mar 29 15:56:23 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF032122.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 29 07:13:31 2022
 Response via : Initial Calibration

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

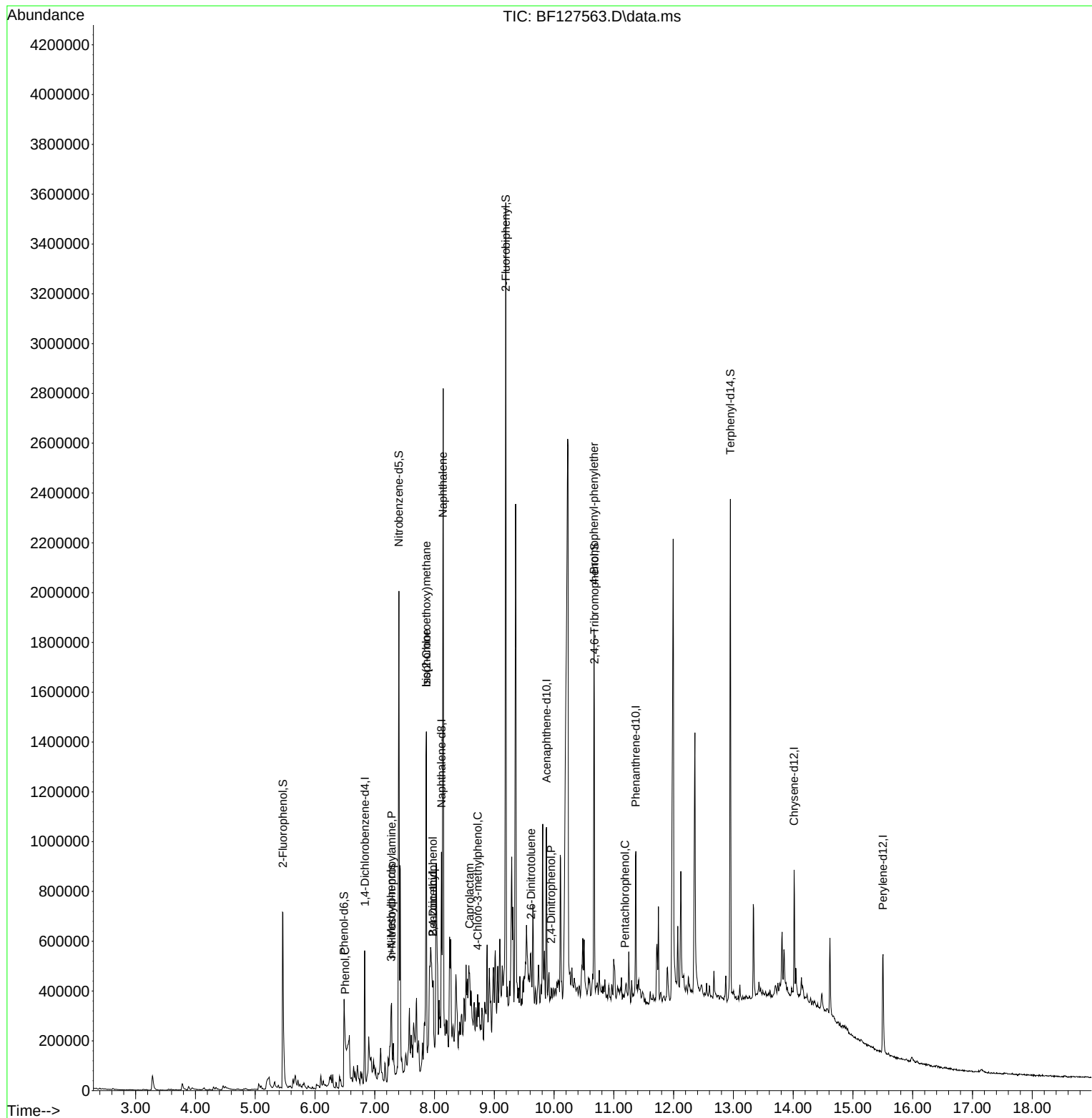
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.834	152	81758	20.000	ng	0.00
21) Naphthalene-d8	8.116	136	301766	20.000	ng	0.00
39) Acenaphthene-d10	9.875	164	149461	20.000	ng	0.00
64) Phenanthrene-d10	11.369	188	216532	20.000	ng	0.00
76) Chrysene-d12	14.016	240	177590	20.000	ng	0.00
86) Perylene-d12	15.504	264	195421	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.463	112	230811	45.063	ng	0.00
7) Phenol-d6	6.487	99	181638	25.943	ng	0.00
23) Nitrobenzene-d5	7.404	82	643420	91.142	ng	0.00
42) 2,4,6-Tribromophenol	10.675	330	178517	112.124	ng	0.00
45) 2-Fluorobiphenyl	9.192	172	993641	97.079	ng	0.00
79) Terphenyl-d14	12.951	244	693053	63.885	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.410	77	7511	Below Cal		93
10) Phenol	6.504	94	18311	2.402 ng		82
19) n-Nitroso-di-n-propyla...	7.281	70	11492	2.738 ng	#	15
20) 3+4-Methylphenols	7.275	107	18451	3.387 ng	#	51
25) Isophorone	7.863	82	33017	2.936 ng	#	1
27) 2,4-Dimethylphenol	7.975	122	135433	31.886 ng	#	5
28) bis(2-Chloroethoxy)met...	7.863	93	26629	3.646 ng	#	1
31) Naphthalene	8.139	128	41460	2.588 ng	#	95
32) Benzoic acid	7.975	122	137058	55.121 ng		94
35) Caprolactam	8.586	113	3138	2.111 ng	#	1
36) 4-Chloro-3-methylphenol	8.722	107	29852	5.706 ng	#	24
51) 2,6-Dinitrotoluene	9.616	165	5756	2.637 ng	#	38
54) 2,4-Dinitrophenol	9.951	184	147	8.819 ng	#	1
55) Dibenzofuran	10.080	168	4370	Below Cal	#	43
58) Fluorene	10.422	166	4357	Below Cal	#	80
67) 4-Bromophenyl-phenylether	10.669	248	12219	4.833 ng	#	1
70) Pentachlorophenol	11.186	266	922	7.534 ng	#	79

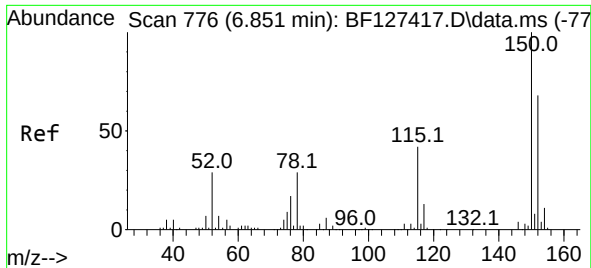
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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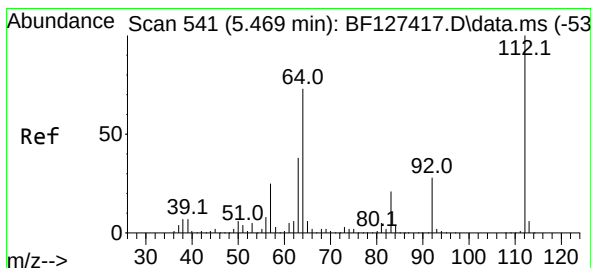
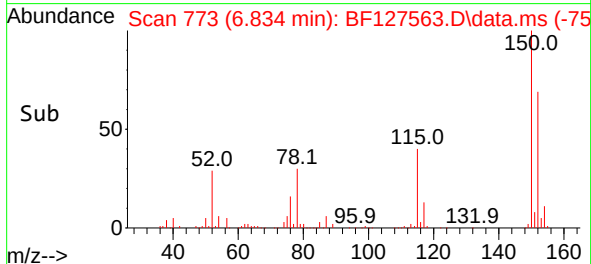
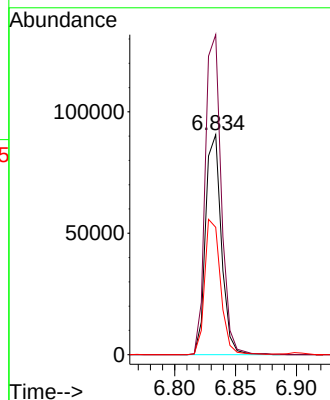
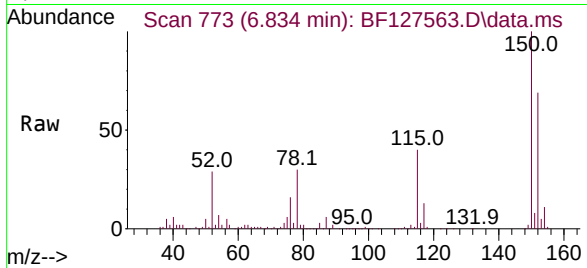




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.834 min Scan# 71
Delta R.T. 0.001 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

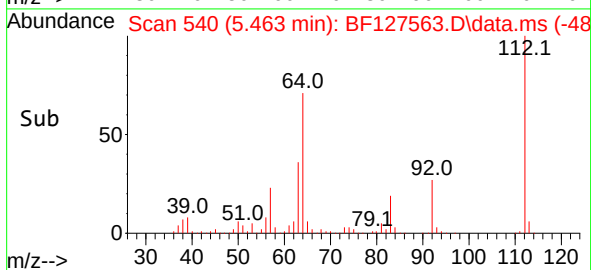
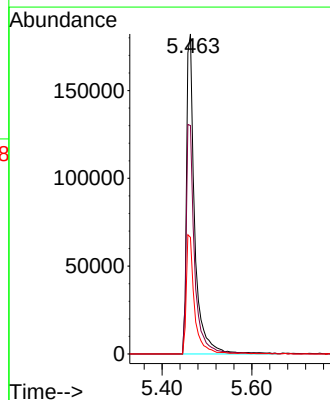
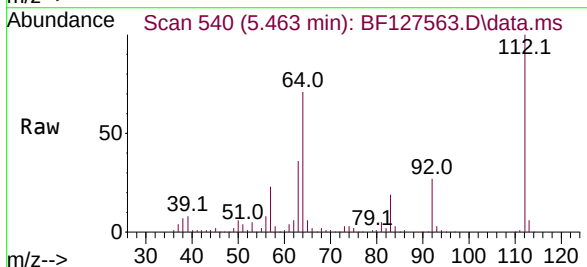
Instrument :
BNA_F
ClientSampleId :
MW-5

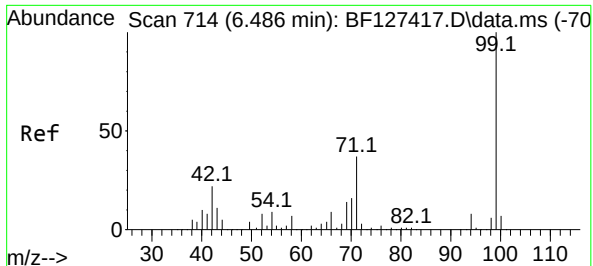
Tgt Ion:152 Resp: 81758
Ion Ratio Lower Upper
152 100
150 145.4 117.2 175.8
115 57.9 49.8 74.6



#5
2-Fluorophenol
Concen: 45.063 ng
RT: 5.463 min Scan# 540
Delta R.T. 0.006 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

Tgt Ion:112 Resp: 230811
Ion Ratio Lower Upper
112 100
64 71.4 58.4 87.6
63 36.5 30.1 45.1

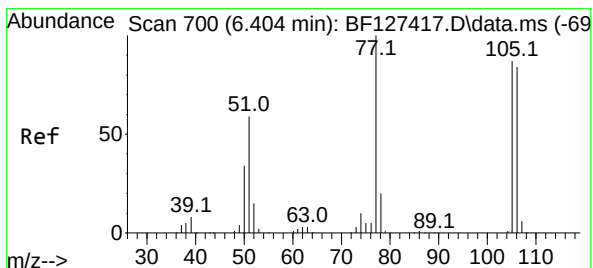
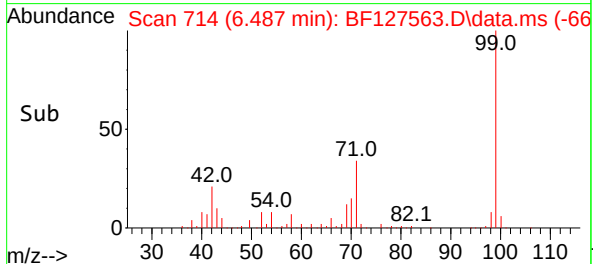
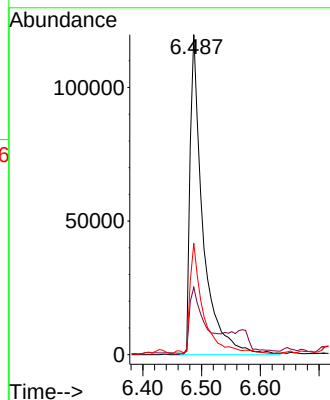
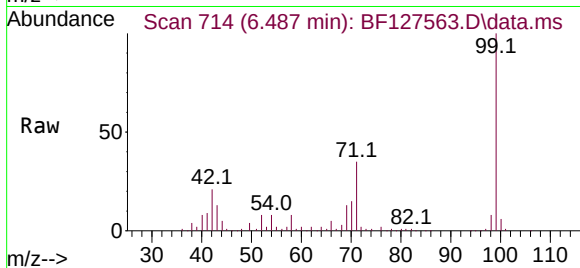




#7
Phenol-d6
Concen: 25.943 ng
RT: 6.487 min Scan# 714
Delta R.T. 0.006 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

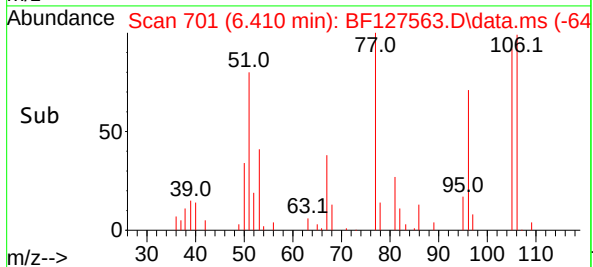
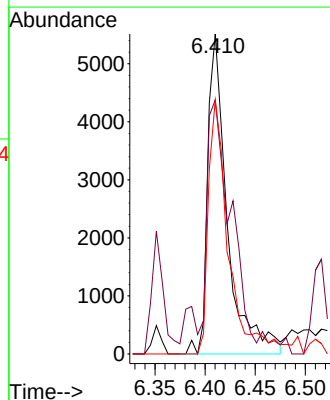
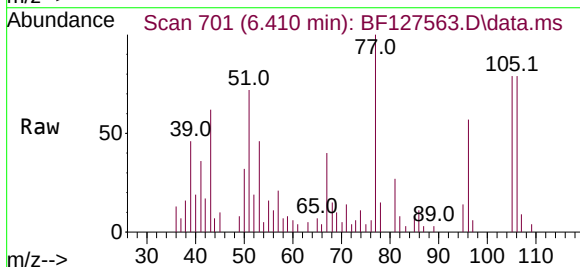
Instrument :
BNA_F
ClientSampleId :
MW-5

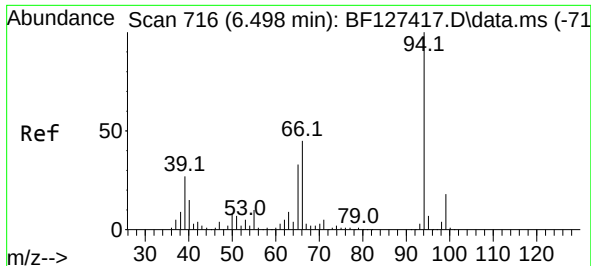
Tgt Ion: 99 Resp: 181638
Ion Ratio Lower Upper
99 100
42 21.1 17.8 26.6
71 34.8 29.6 44.4



#9
Benzaldehyde
Concen: Below Cal
RT: 6.410 min Scan# 701
Delta R.T. 0.018 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

Tgt Ion: 77 Resp: 7511
Ion Ratio Lower Upper
77 100
105 79.4 66.8 106.8
106 79.4 64.3 104.3

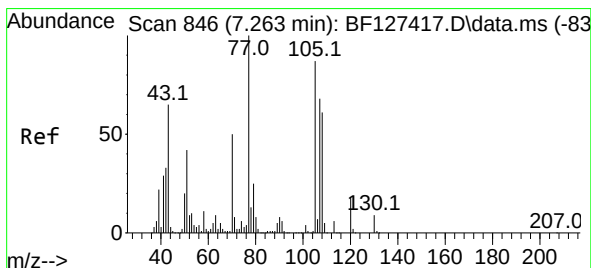
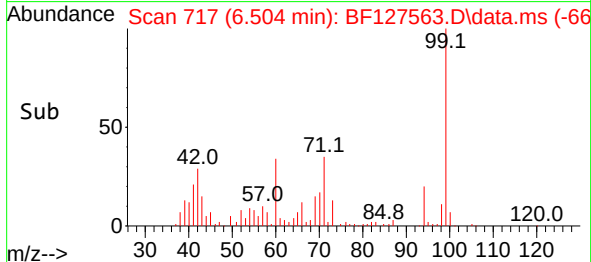
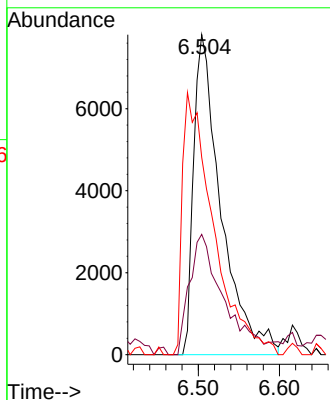
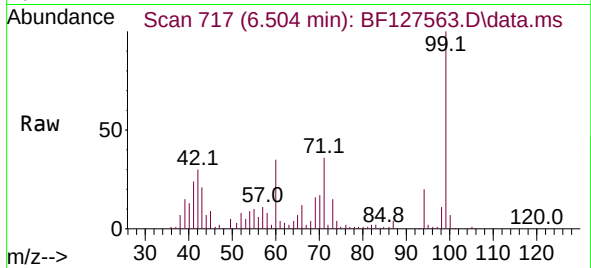




#10
Phenol
Concen: 2.402 ng
RT: 6.504 min Scan# 716
Delta R.T. 0.012 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

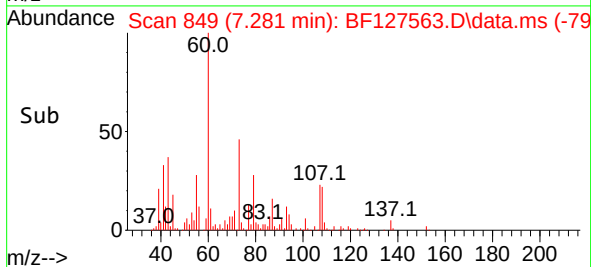
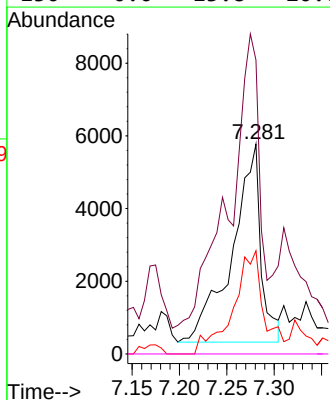
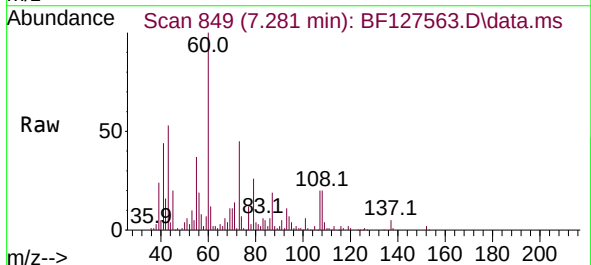
Instrument :
BNA_F
ClientSampleId :
MW-5

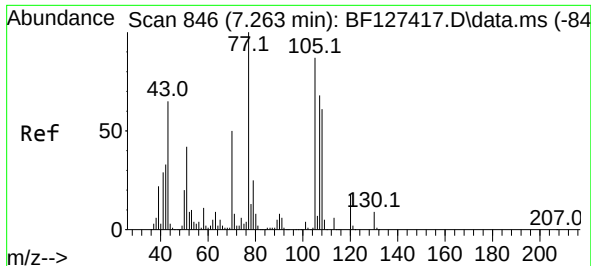
Tgt Ion: 94 Resp: 18311
Ion Ratio Lower Upper
94 100
65 37.6 13.1 53.1
66 61.7 24.9 64.9



#19
n-Nitroso-di-n-propylamine
Concen: 2.738 ng
RT: 7.281 min Scan# 849
Delta R.T. 0.030 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

Tgt Ion: 70 Resp: 11492
Ion Ratio Lower Upper
70 100
42 140.1 53.0 79.6#
101 49.2 6.8 10.2#
130 0.0 13.8 20.6#

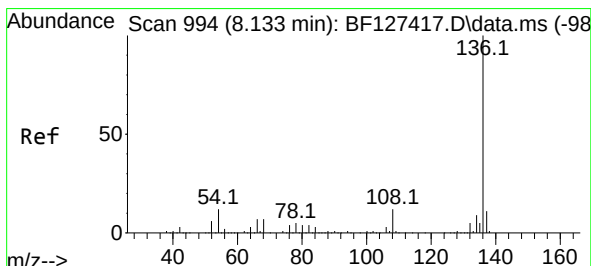
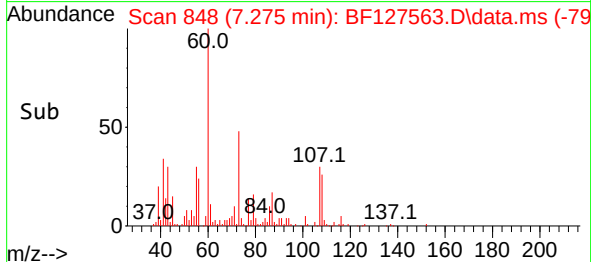
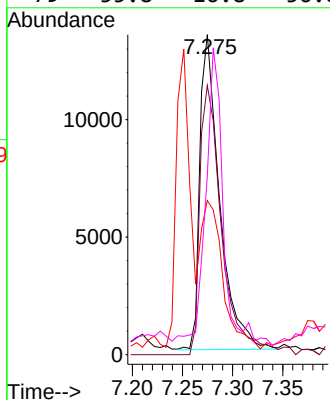
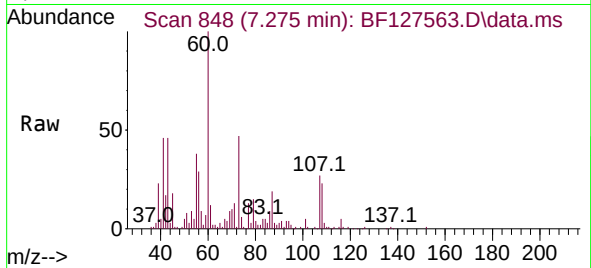




#20
3+4-Methylphenols
Concen: 3.387 ng
RT: 7.275 min Scan# 846
Delta R.T. 0.024 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

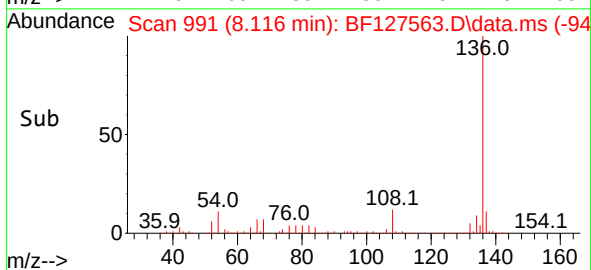
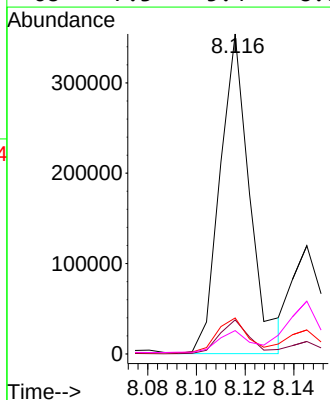
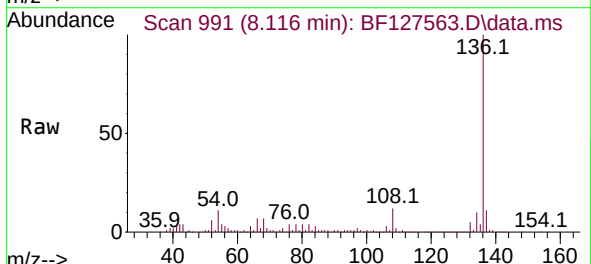
Instrument :
BNA_F
ClientSampleId :
MW-5

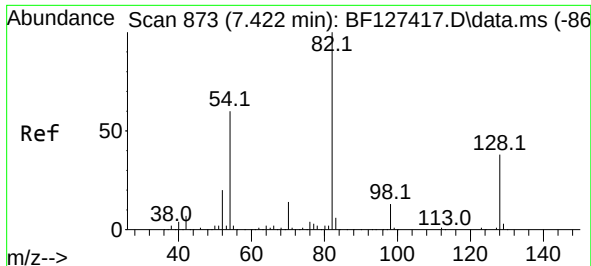
Tgt Ion:107 Resp: 18451
Ion Ratio Lower Upper
107 100
108 84.1 70.7 110.7
77 48.1 127.9 167.9#
79 55.8 16.8 56.8



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.116 min Scan# 991
Delta R.T. 0.000 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

Tgt Ion:136 Resp: 301766
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 11.3 9.2 13.8
68 7.3 5.4 8.0

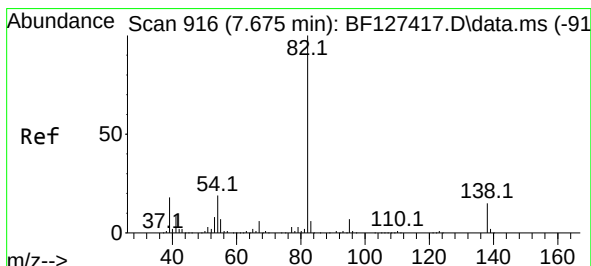
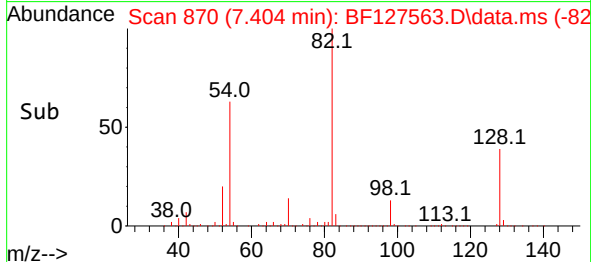
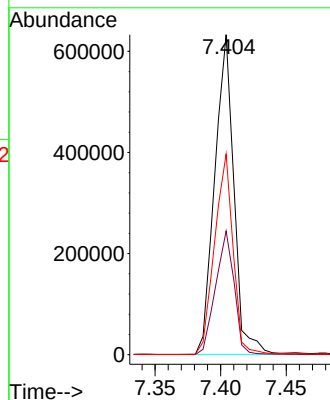
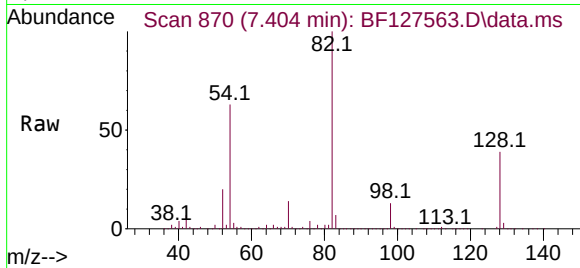




#23
Nitrobenzene-d5
Concen: 91.142 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

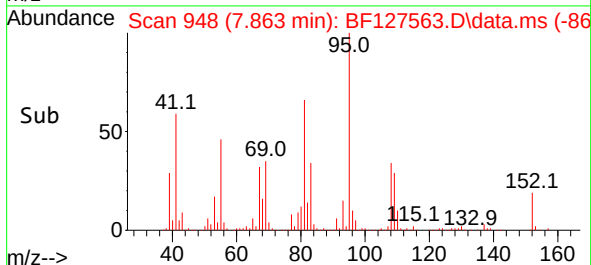
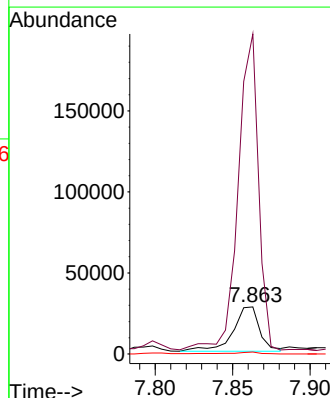
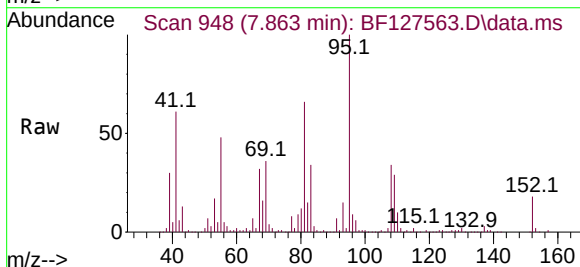
Instrument :
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ClientSampleId :
MW-5

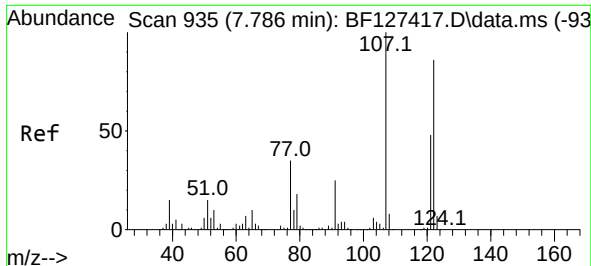
Tgt Ion: 82 Resp: 643420
Ion Ratio Lower Upper
82 100
128 38.6 30.6 45.8
54 62.7 48.2 72.2



#25
Isophorone
Concen: 2.936 ng
RT: 7.863 min Scan# 948
Delta R.T. 0.200 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

Tgt Ion: 82 Resp: 33017
Ion Ratio Lower Upper
82 100
95 679.7 5.8 8.8#
138 4.0 11.6 17.4#





#27

2,4-Dimethylphenol

Concen: 31.886 ng

RT: 7.975 min Scan# 90

Delta R.T. 0.200 min

Lab File: BF127563.D

Acq: 29 Mar 2022 14:10

Instrument :

BNA_F

ClientSampleId :

MW-5

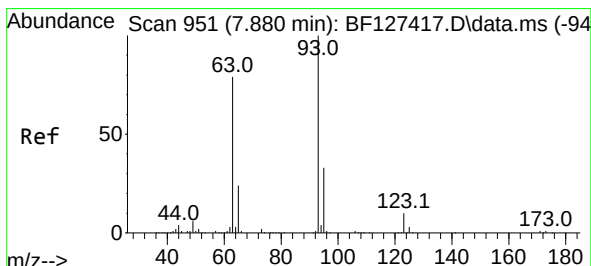
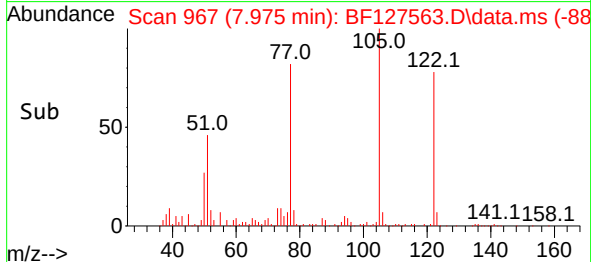
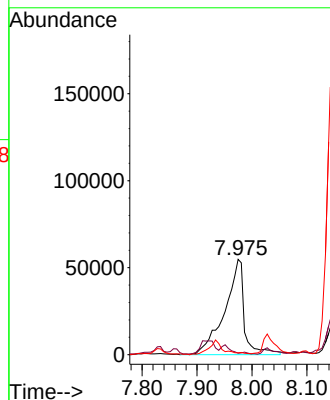
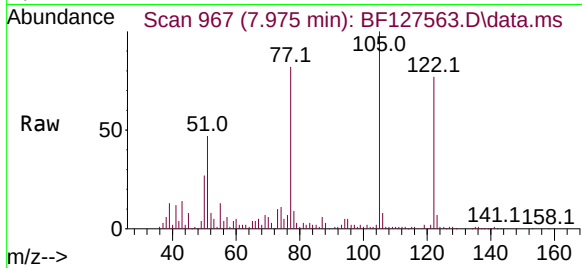
Tgt Ion:122 Resp: 135433

Ion Ratio Lower Upper

122 100

107 1.5 93.0 139.4#

121 2.0 44.9 67.3#



#28

bis(2-Chloroethoxy)methane

Concen: 3.646 ng

RT: 7.863 min Scan# 948

Delta R.T. -0.006 min

Lab File: BF127563.D

Acq: 29 Mar 2022 14:10

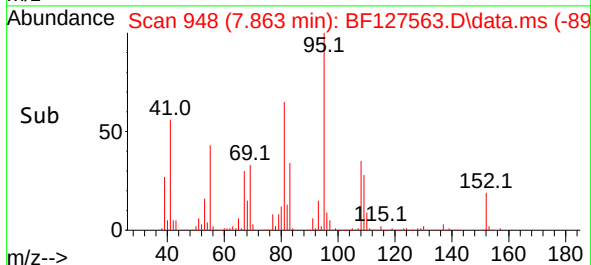
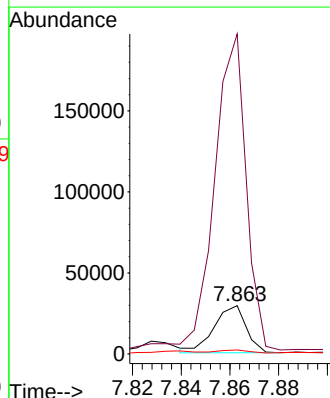
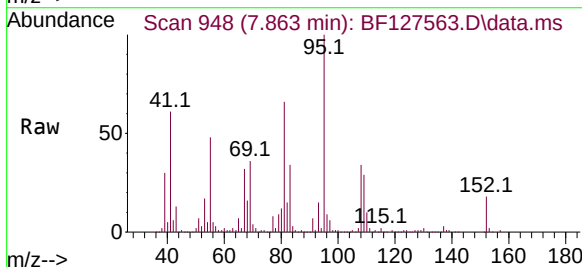
Tgt Ion: 93 Resp: 26629

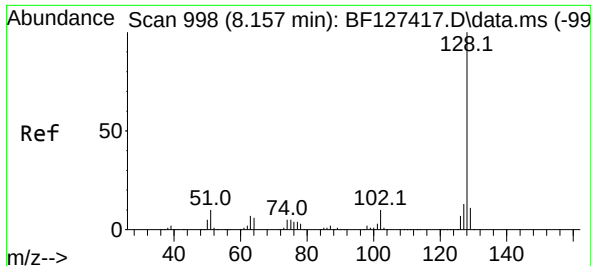
Ion Ratio Lower Upper

93 100

95 661.3 26.3 39.5#

123 8.3 8.0 12.0

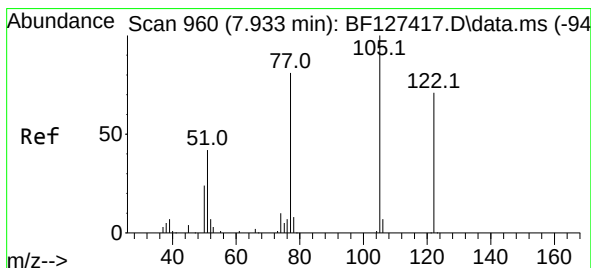
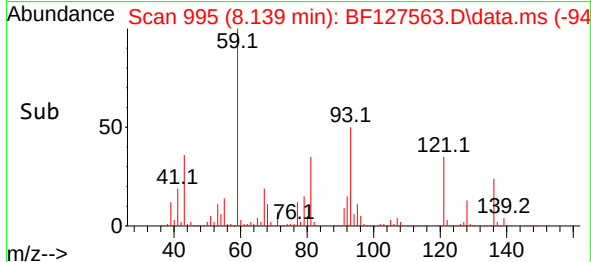
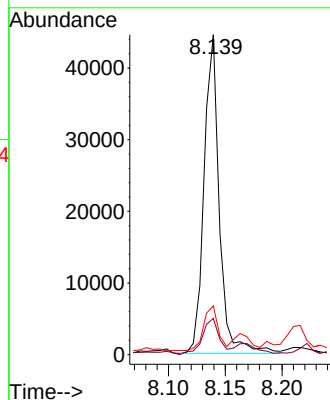
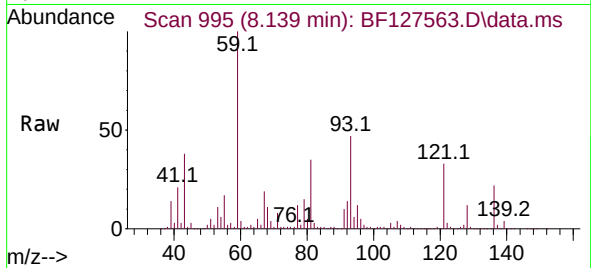




#31
Naphthalene
Concen: 2.588 ng
RT: 8.139 min Scan# 998
Delta R.T. 0.000 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

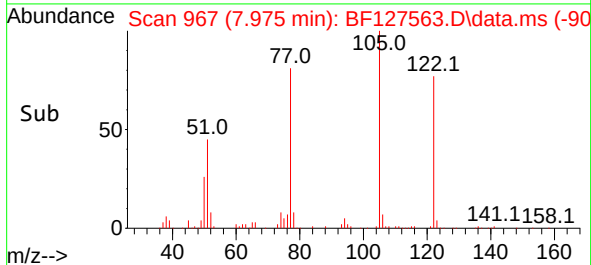
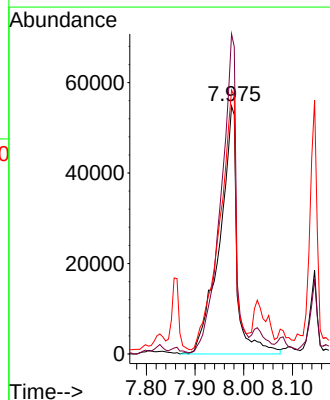
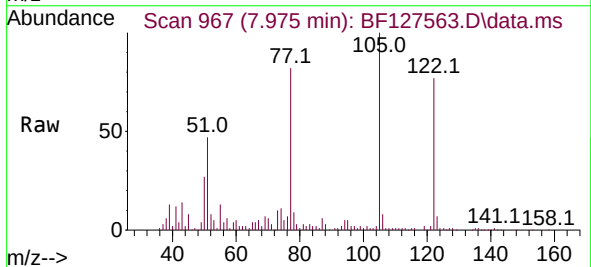
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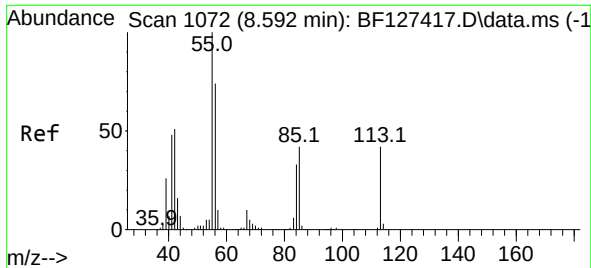
Tgt Ion:128 Resp: 41460
Ion Ratio Lower Upper
128 100
129 11.4 8.4 12.6
127 15.2 10.2 15.2#



#32
Benzoic acid
Concen: 55.121 ng
RT: 7.975 min Scan# 967
Delta R.T. 0.047 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

Tgt Ion:122 Resp: 137058
Ion Ratio Lower Upper
122 100
105 129.1 117.1 157.1
77 106.5 93.0 133.0

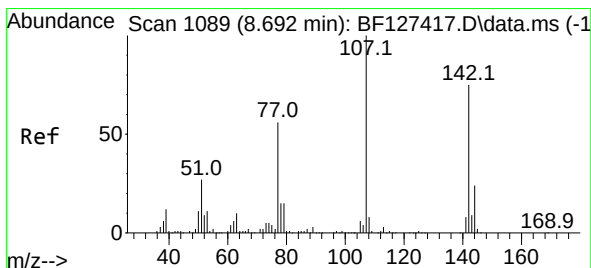
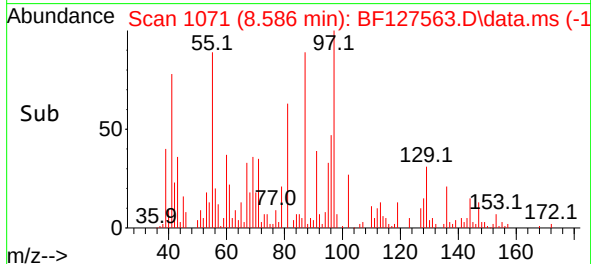
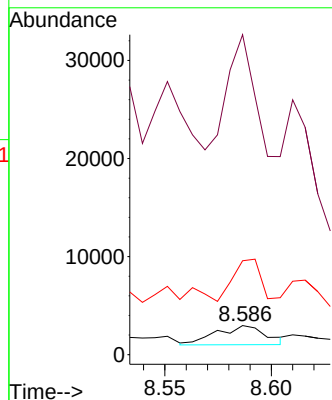
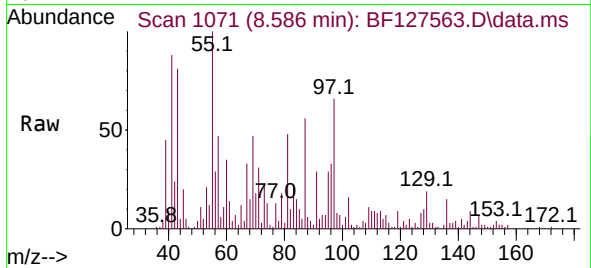




#35
 Caprolactam
 Concen: 2.111 ng
 RT: 8.586 min Scan# 1072
 Delta R.T. 0.000 min
 Lab File: BF127563.D
 Acq: 29 Mar 2022 14:10

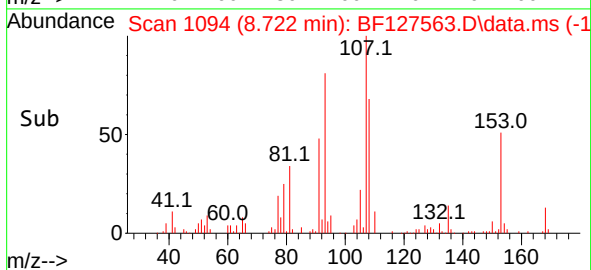
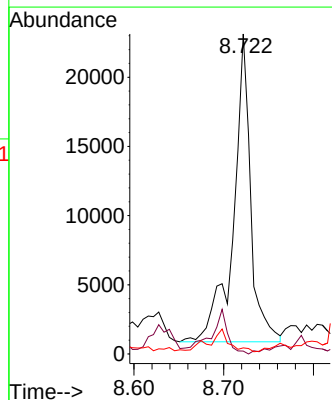
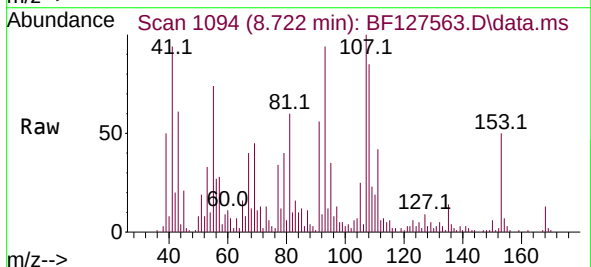
Instrument :
 BNA_F
 ClientSampleId :
 MW-5

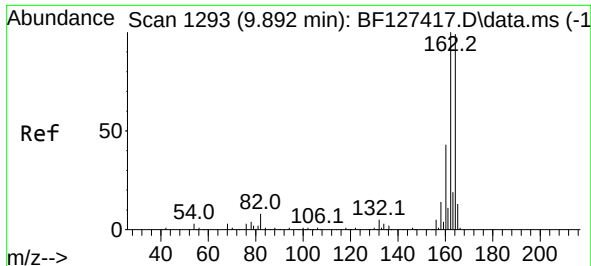
Tgt Ion:113 Resp: 3138
 Ion Ratio Lower Upper
 113 100
 55 1099.9 218.7 258.7#
 56 322.9 156.2 196.2#



#36
 4-Chloro-3-methylphenol
 Concen: 5.706 ng
 RT: 8.722 min Scan# 1094
 Delta R.T. 0.041 min
 Lab File: BF127563.D
 Acq: 29 Mar 2022 14:10

Tgt Ion:107 Resp: 29852
 Ion Ratio Lower Upper
 107 100
 144 0.9 19.3 28.9#
 142 1.9 59.8 89.8#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.875 min Scan# 1

Delta R.T. 0.000 min

Lab File: BF127563.D

Acq: 29 Mar 2022 14:10

Instrument :

BNA_F

ClientSampleId :

MW-5

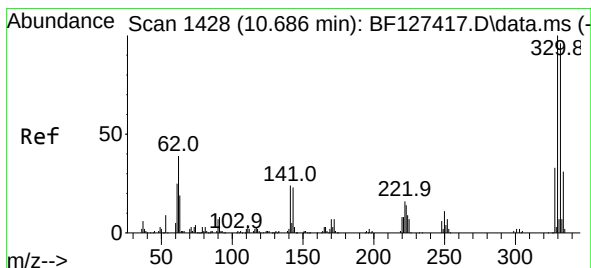
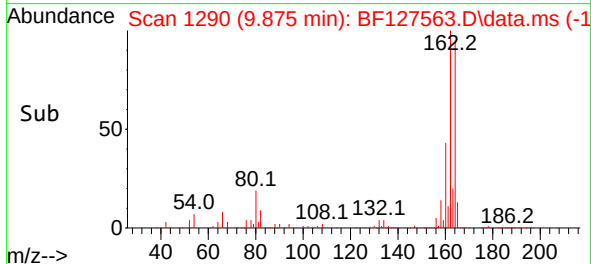
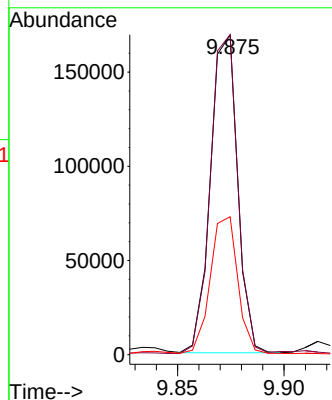
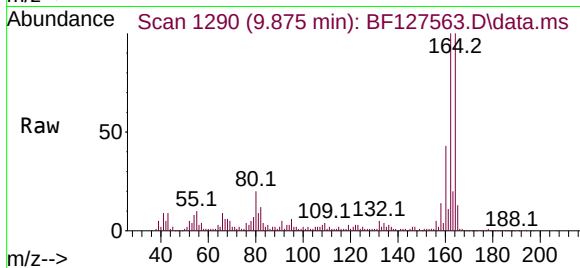
Tgt Ion:164 Resp: 149461

Ion Ratio Lower Upper

164 100

162 100.1 81.2 121.8

160 43.1 34.6 52.0



#42

2,4,6-Tribromophenol

Concen: 112.124 ng

RT: 10.675 min Scan# 1426

Delta R.T. 0.006 min

Lab File: BF127563.D

Acq: 29 Mar 2022 14:10

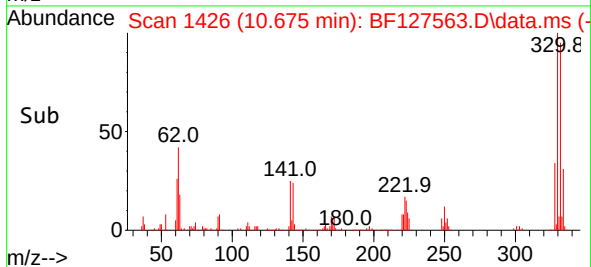
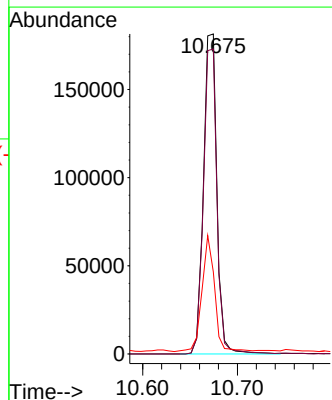
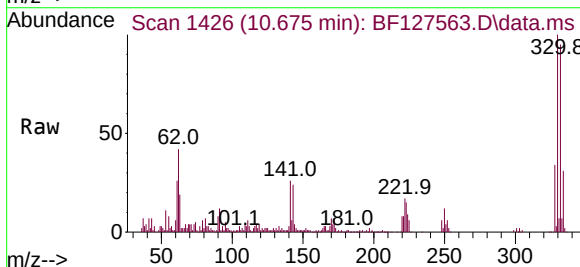
Tgt Ion:330 Resp: 178517

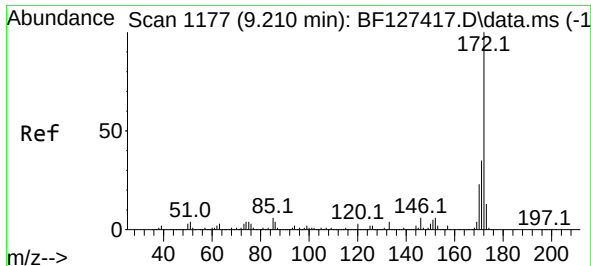
Ion Ratio Lower Upper

330 100

332 95.7 79.1 118.7

141 34.1 26.2 39.4

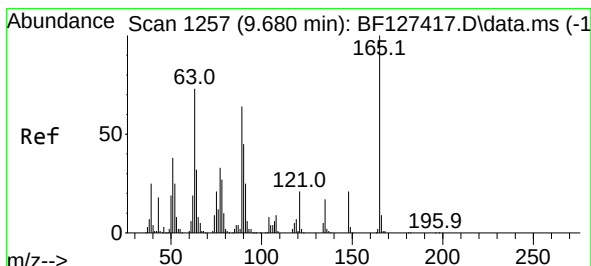
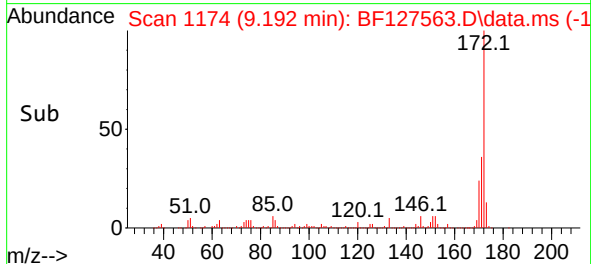
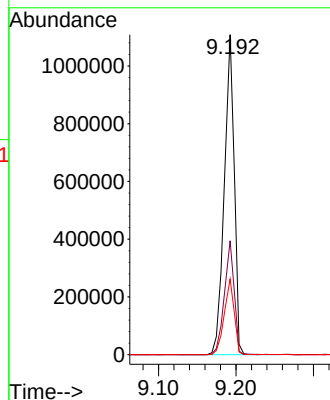
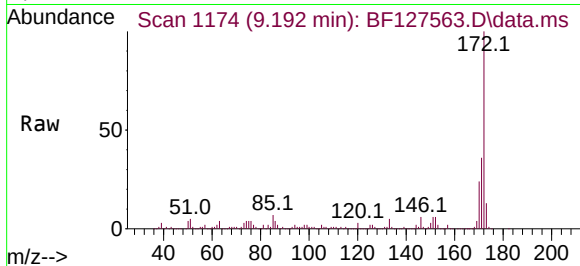




#45
2-Fluorobiphenyl
Concen: 97.079 ng
RT: 9.192 min Scan# 1177
Delta R.T. 0.000 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

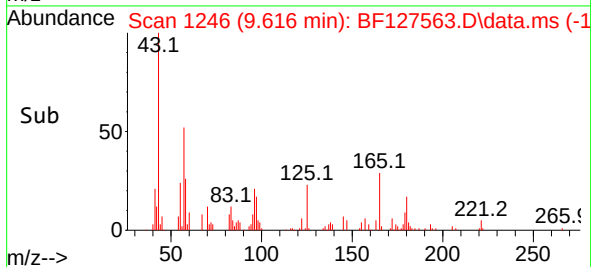
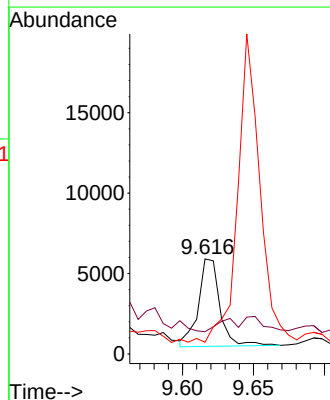
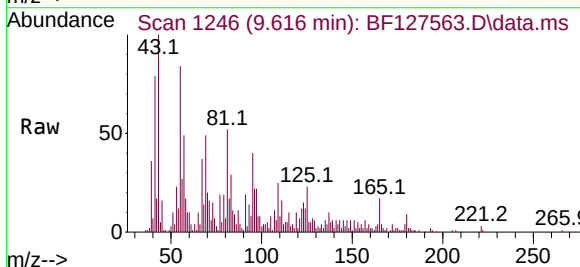
Instrument :
BNA_F
ClientSampleId :
MW-5

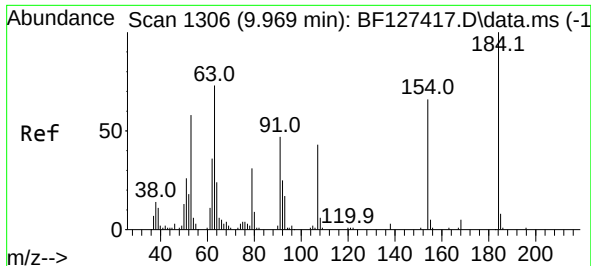
Tgt Ion:172 Resp: 993641
Ion Ratio Lower Upper
172 100
171 35.6 28.4 42.6
170 23.6 18.6 27.8



#51
2,6-Dinitrotoluene
Concen: 2.637 ng
RT: 9.616 min Scan# 1246
Delta R.T. -0.053 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

Tgt Ion:165 Resp: 5756
Ion Ratio Lower Upper
165 100
63 23.4 58.3 87.5#
89 12.3 51.5 77.3#

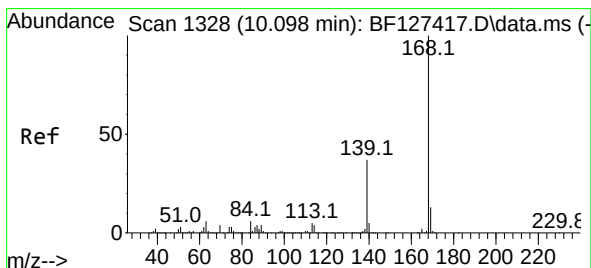
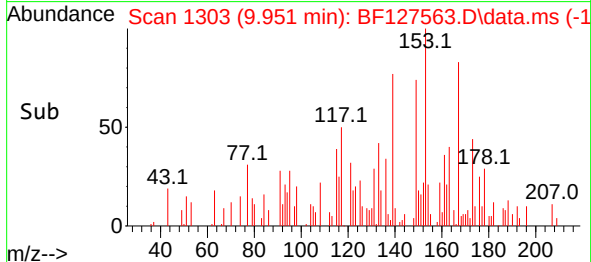
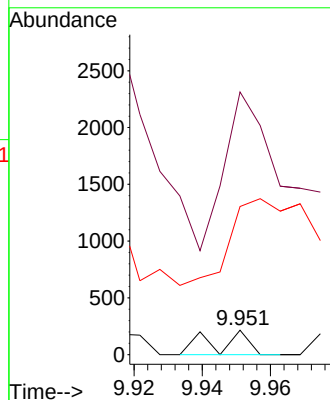
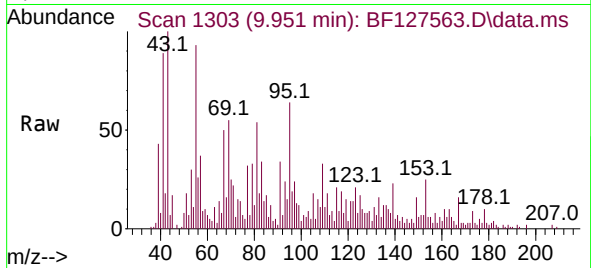




#54
2,4-Dinitrophenol
Concen: 8.819 ng
RT: 9.951 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

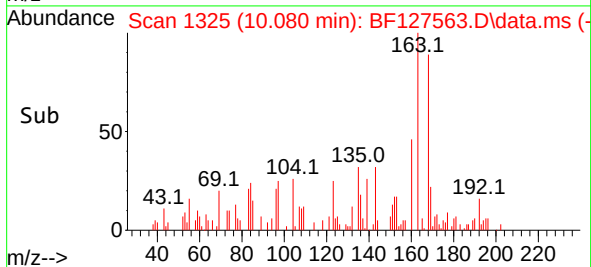
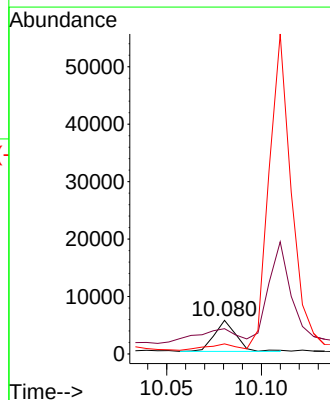
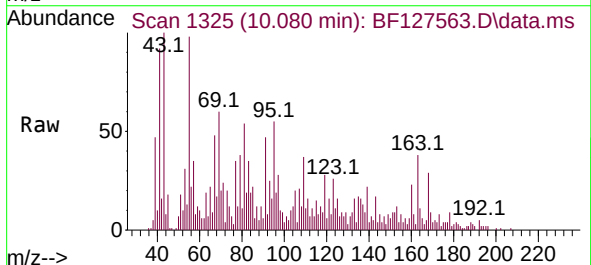
Instrument :
BNA_F
ClientSampleId :
MW-5

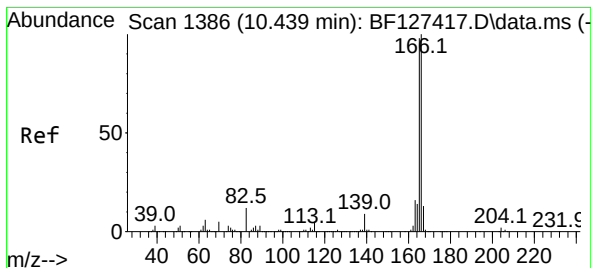
Tgt Ion:184 Resp: 147
Ion Ratio Lower Upper
184 100
63 1075.8 58.1 87.1#
154 606.5 53.2 79.8#



#55
Dibenzofuran
Concen: Below Cal
RT: 10.080 min Scan# 1325
Delta R.T. 0.000 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

Tgt Ion:168 Resp: 4370
Ion Ratio Lower Upper
168 100
139 75.4 30.3 45.5#
169 30.2 10.8 16.2#





#58

Fluorene

Concen: Below Cal

RT: 10.422 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127563.D

Acq: 29 Mar 2022 14:10

Instrument :

BNA_F

ClientSampleId :

MW-5

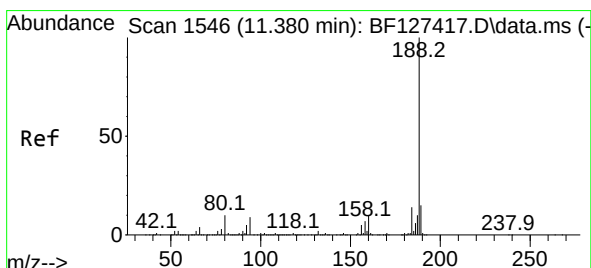
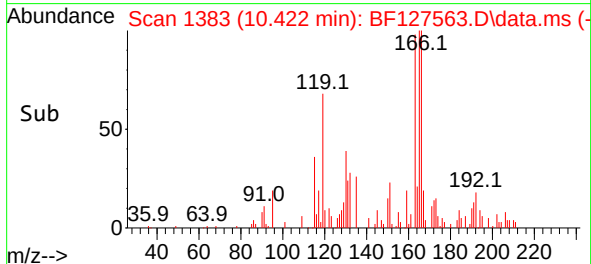
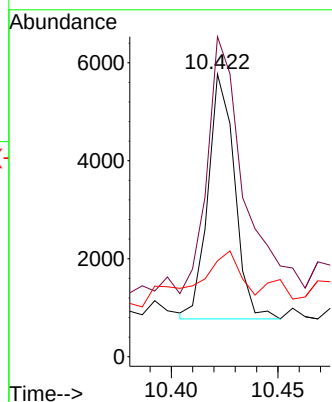
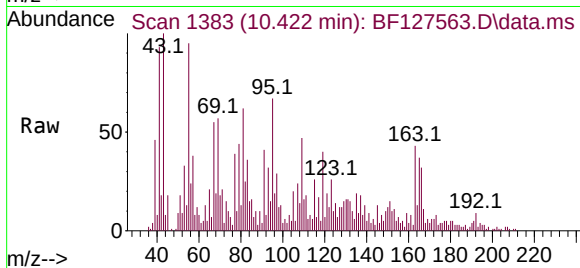
Tgt Ion:166 Resp: 4357

Ion Ratio Lower Upper

166 100

165 113.3 78.1 117.1

167 33.9 10.5 15.7#



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.369 min Scan# 1544

Delta R.T. 0.006 min

Lab File: BF127563.D

Acq: 29 Mar 2022 14:10

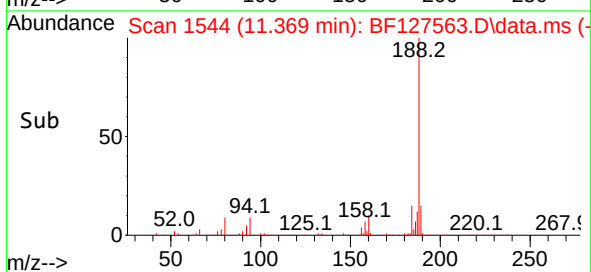
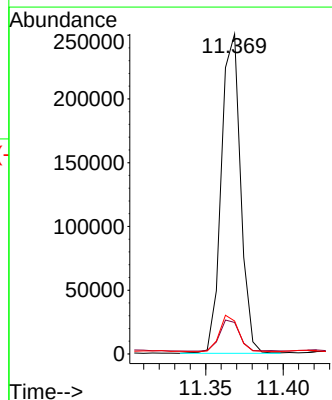
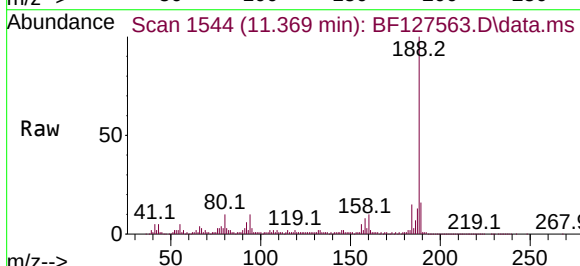
Tgt Ion:188 Resp: 216532

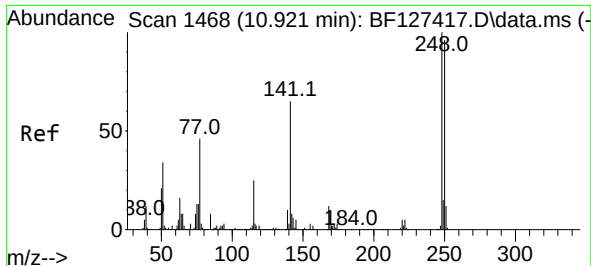
Ion Ratio Lower Upper

188 100

94 9.8 7.4 11.0

80 10.3 8.0 12.0





#67

4-Bromophenyl-phenylether

Concen: 4.833 ng

RT: 10.669 min Scan# 1468

Delta R.T. -0.235 min

Lab File: BF127563.D

Acq: 29 Mar 2022 14:10

Instrument :

BNA_F

ClientSampleId :

MW-5

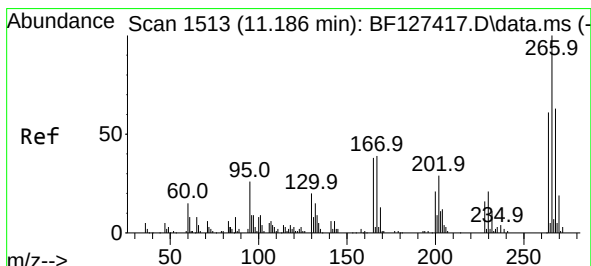
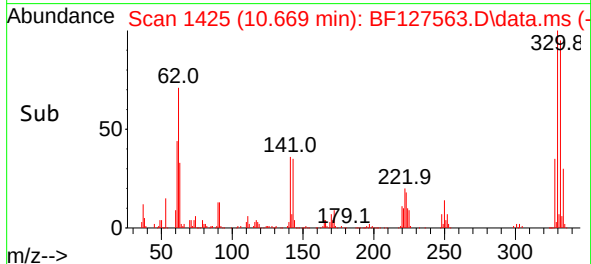
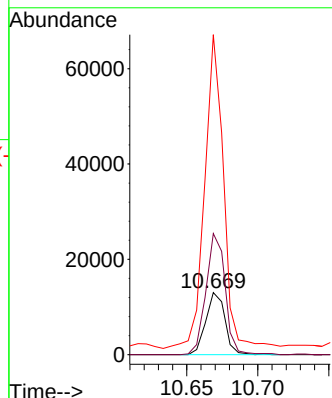
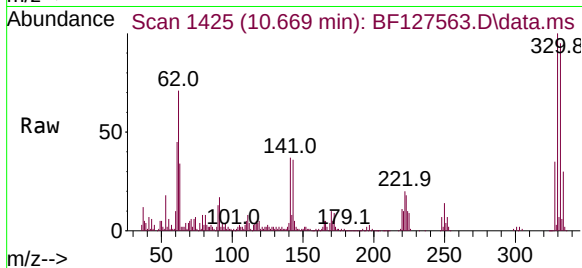
Tgt Ion:248 Resp: 12219

Ion Ratio Lower Upper

248 100

250 195.0 76.6 115.0#

141 515.2 52.2 78.2#



#70

Pentachlorophenol

Concen: 7.534 ng

RT: 11.186 min Scan# 1513

Delta R.T. 0.012 min

Lab File: BF127563.D

Acq: 29 Mar 2022 14:10

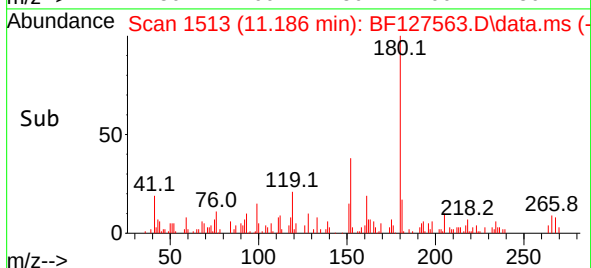
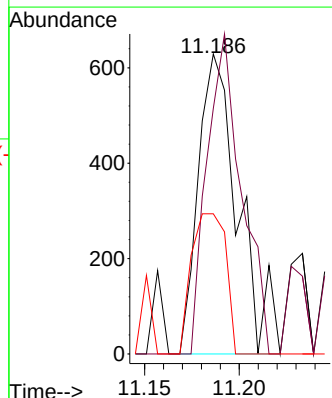
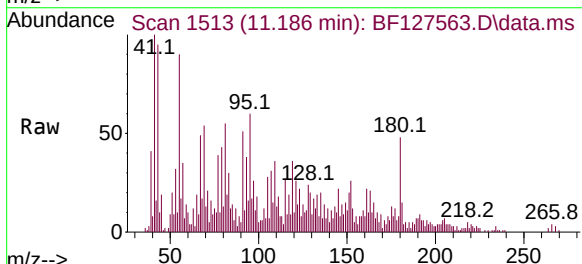
Tgt Ion:266 Resp: 922

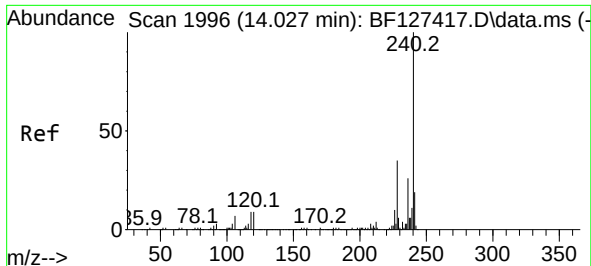
Ion Ratio Lower Upper

266 100

268 81.9 50.4 75.6#

264 46.7 48.5 72.7#

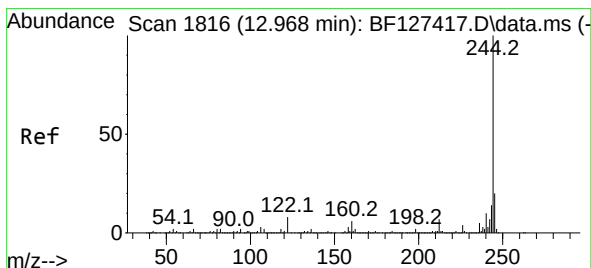
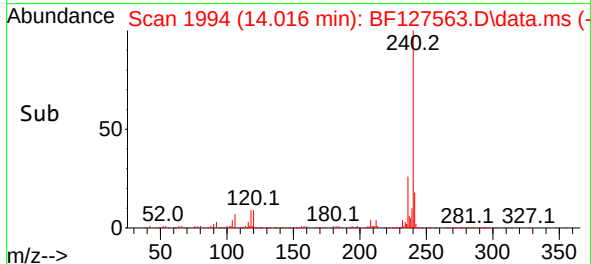
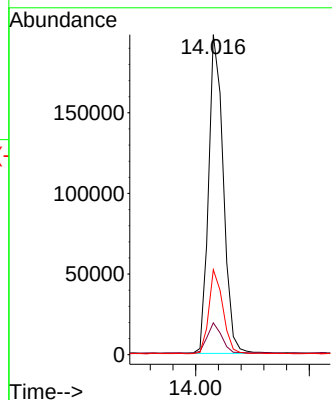
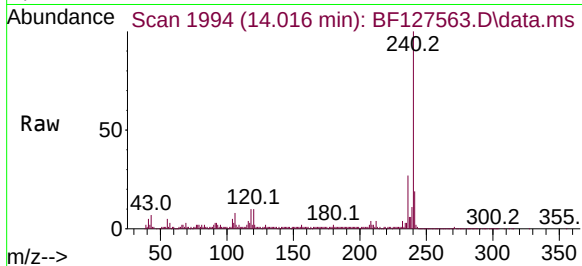




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.016 min Scan# 1994
Delta R.T. 0.000 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

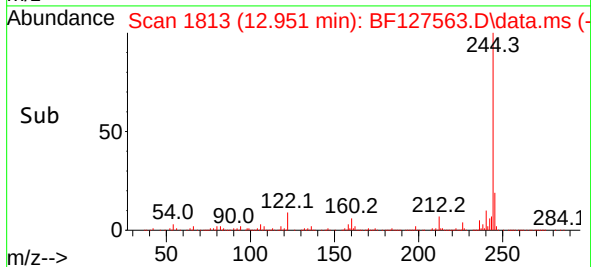
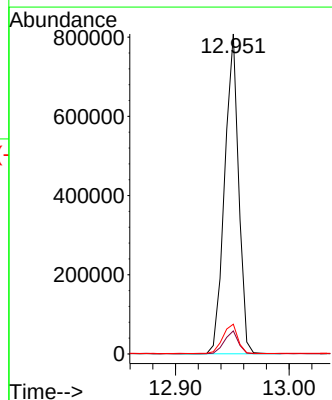
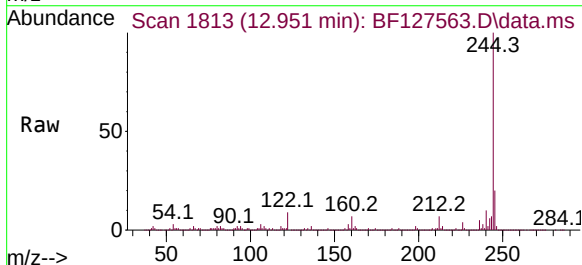
Instrument :
BNA_F
ClientSampleId :
MW-5

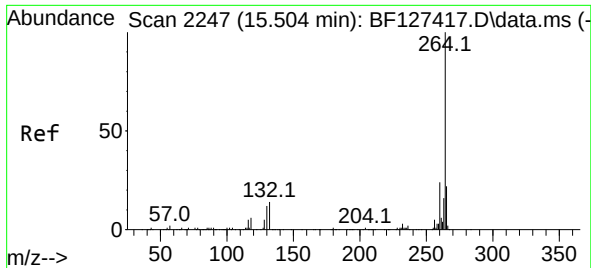
Tgt Ion:240 Resp: 177590
Ion Ratio Lower Upper
240 100
120 9.9 7.1 10.7
236 26.6 20.7 31.1



#79
Terphenyl-d14
Concen: 63.885 ng
RT: 12.951 min Scan# 1813
Delta R.T. 0.000 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

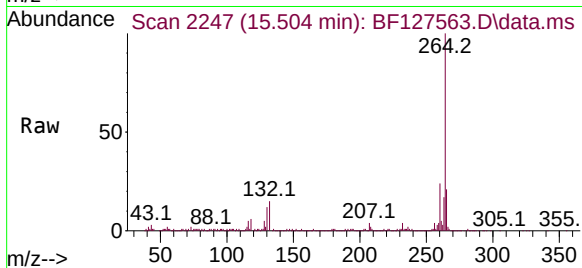
Tgt Ion:244 Resp: 693053
Ion Ratio Lower Upper
244 100
212 7.2 5.7 8.5
122 9.3 6.2 9.2#





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.504 min Scan# 21
Delta R.T. 0.012 min
Lab File: BF127563.D
Acq: 29 Mar 2022 14:10

Instrument :
BNA_F
ClientSampleId :
MW-5



Tgt Ion:264 Resp: 195421

Ion	Ratio	Lower	Upper
264	100		
260	23.7	19.1	28.7
265	20.9	17.4	26.2

