

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF050521\
 Data File : BF123837.D
 Acq On : 5 May 2021 20:14
 Operator : JU/CG
 Sample : M2275-11
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CON-PLANT

Quant Time: May 06 00:51:27 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF042721.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 05 13:09:28 2021
 Response via : Initial Calibration

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

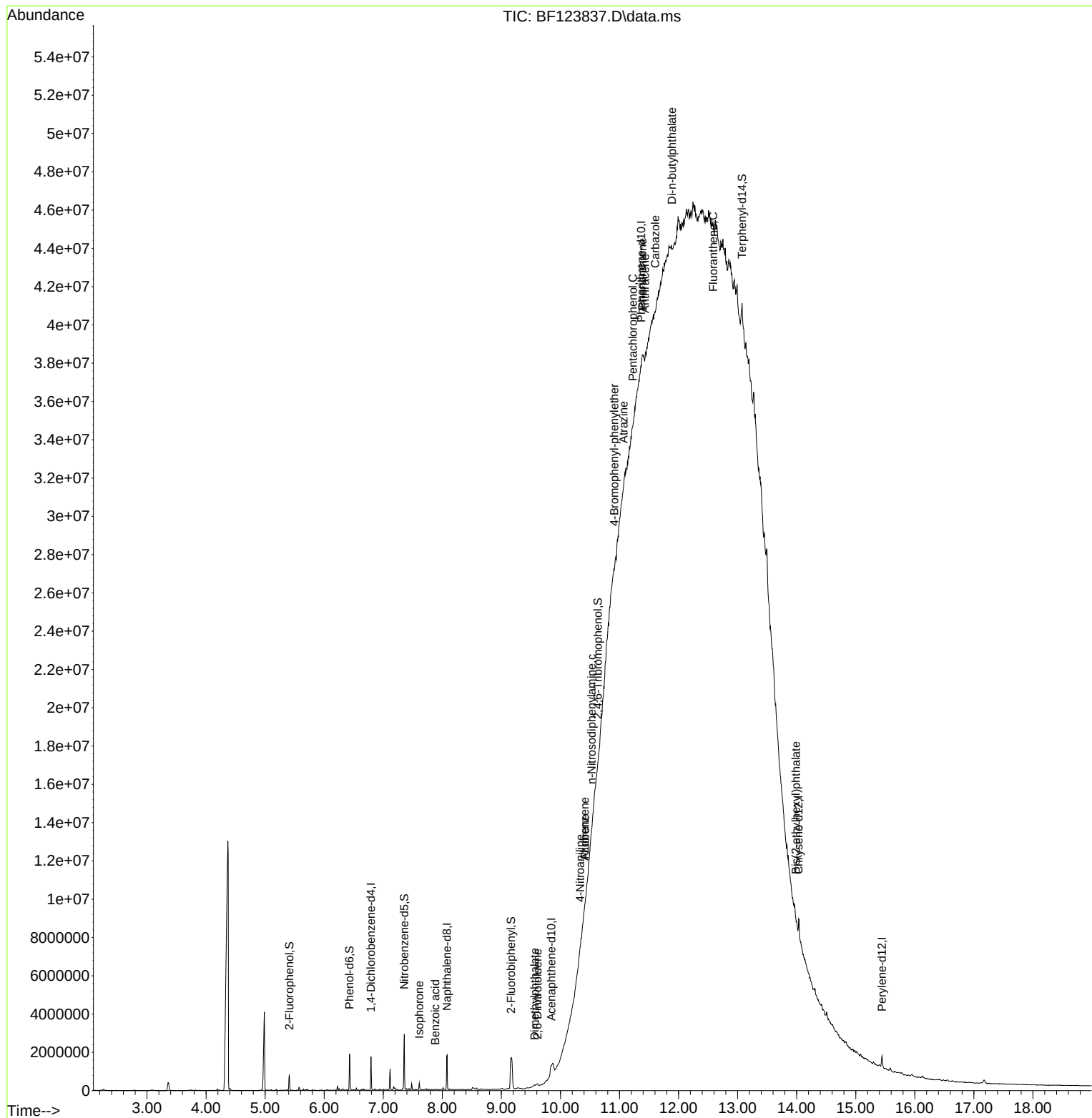
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.792	152	210823	20.00	ng	0.00
21) Naphthalene-d8	8.081	136	731864	20.00	ng	0.00
39) Acenaphthene-d10	9.845	164	141365	20.00	ng	0.00
64) Phenanthrene-d10	11.369	188	52896	20.00	ng	# 0.04
76) Chrysene-d12	14.033	240	306626	20.00	ng	# 0.06
86) Perylene-d12	15.445	264	271382	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.410	112	202473	15.22	ng	0.00
7) Phenol-d6	6.428	99	530983	28.97	ng	-0.01
23) Nitrobenzene-d5	7.357	82	786746	48.53	ng	0.00
42) 2,4,6-Tribromophenol	10.633	330	7847	4.46	ng	0.00
45) 2-Fluorobiphenyl	9.163	172	1272715	131.11	ng	0.00
79) Terphenyl-d14	13.074	244	508745	31.95	ng	0.16
Target Compounds						Qvalue
25) Isophorone	7.610	82	102919	3.39	ng	99
32) Benzoic acid	7.881	122	509	5.45	ng	# 73
50) Dimethylphthalate	9.563	163	53942	5.42	ng	99
51) 2,6-Dinitrotoluene	9.610	165	21984	9.55	ng	# 21
58) Fluorene	10.416	166	21555	2.16	ng	# 1
62) 4-Nitroaniline	10.333	138	7189	2.64	ng	95
63) Azobenzene	10.410	77	81271	6.67	ng	# 25
66) n-Nitrosodiphenylamine	10.528	169	14722	8.51	ng	# 12
67) 4-Bromophenyl-phenylether	10.910	248	9494	17.04	ng	# 1
69) Atrazine	11.069	200	5629	10.76	ng	# 1
70) Pentachlorophenol	11.227	266	3321	10.28	ng	# 1
71) Phenanthrene	11.386	178	8692	3.13	ng	# 1
72) Anthracene	11.433	178	14922	5.41	ng	# 1
73) Carbazole	11.604	167	7704	2.76	ng	# 1
74) Di-n-butylphthalate	11.886	149	76111	24.31	ng	# 33
75) Fluoranthene	12.586	202	13116	4.33	ng	# 1
84) Bis(2-ethylhexyl)phtha...	13.986	149	31681	2.51	ng	# 78

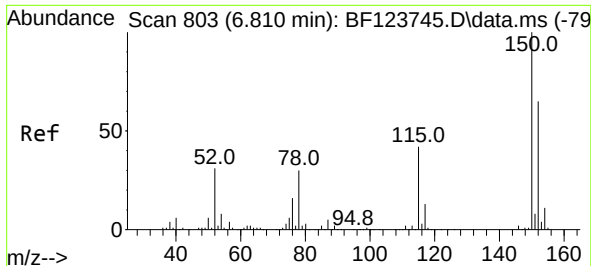
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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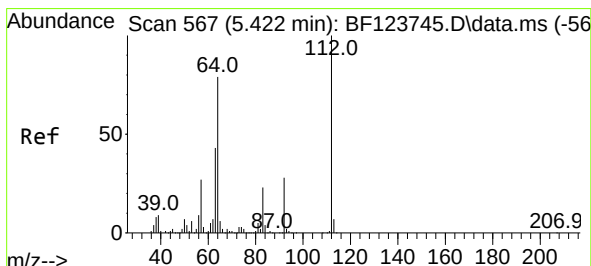
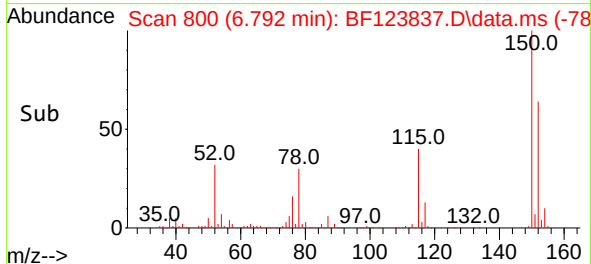
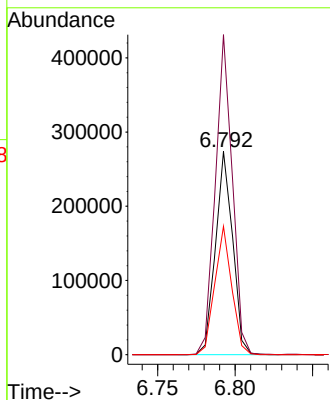
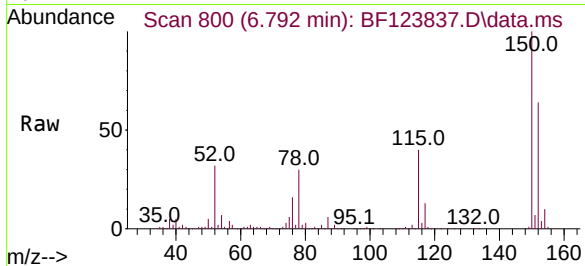




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.792 min Scan# 800
Delta R.T. -0.006 min
Lab File: BF123837.D
Acq: 5 May 2021 20:14

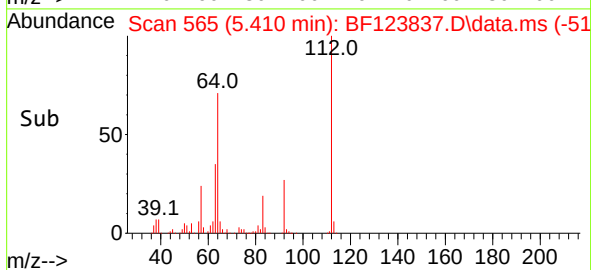
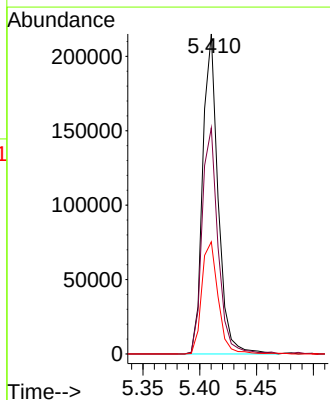
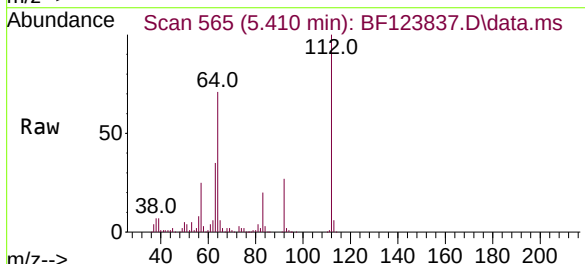
Instrument :
BNA_F
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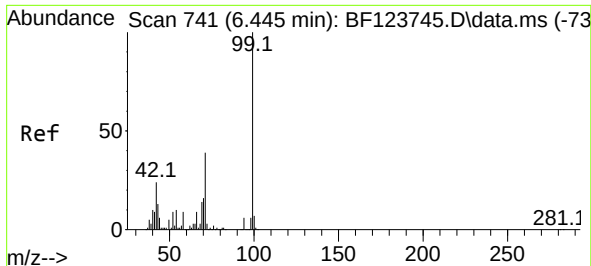
Tgt Ion:152 Resp: 210823
Ion Ratio Lower Upper
152 100
150 157.4 127.0 190.6
115 63.1 54.3 81.5



#5
2-Fluorophenol
Concen: 15.22 ng
RT: 5.410 min Scan# 565
Delta R.T. -0.000 min
Lab File: BF123837.D
Acq: 5 May 2021 20:14

Tgt Ion:112 Resp: 202473
Ion Ratio Lower Upper
112 100
64 70.6 61.4 92.0
63 35.0 33.0 49.4

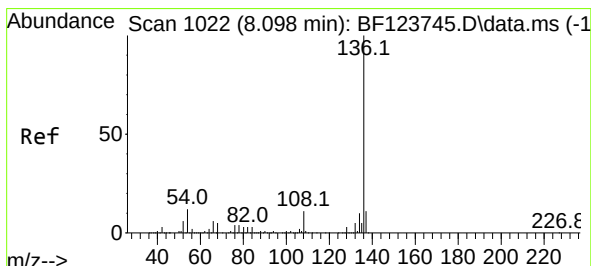
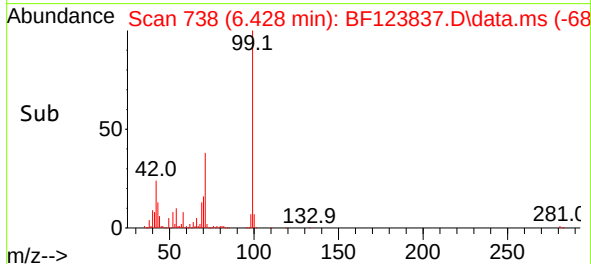
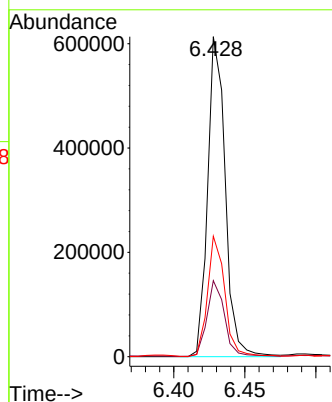
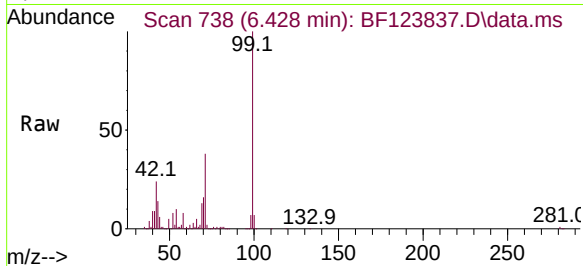




#7
Phenol-d6
Concen: 28.97 ng
RT: 6.428 min Scan# 738
Delta R.T. -0.012 min
Lab File: BF123837.D
Acq: 5 May 2021 20:14

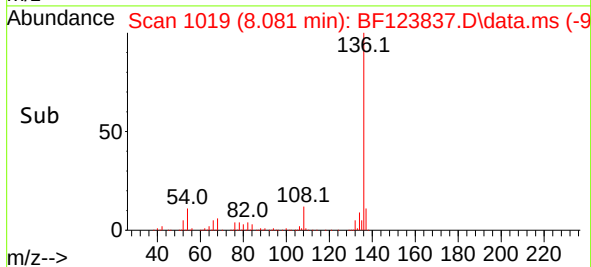
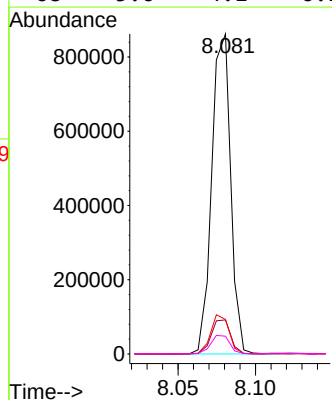
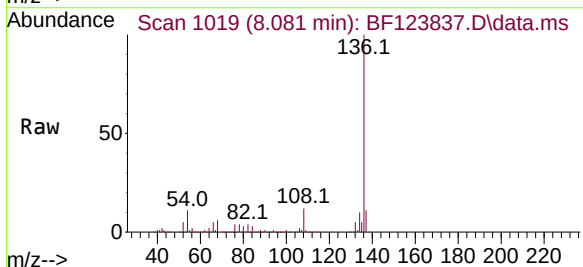
Instrument :
BNA_F
ClientSampleId :
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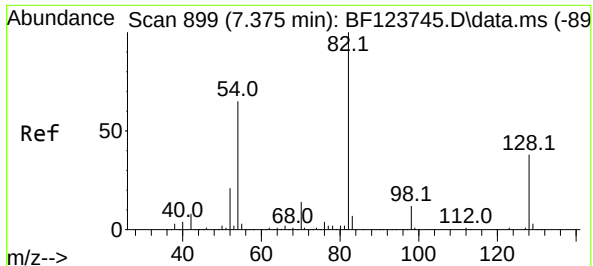
Tgt Ion: 99 Resp: 530983
Ion Ratio Lower Upper
99 100
42 23.7 19.8 29.8
71 37.7 31.1 46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.081 min Scan# 1019
Delta R.T. -0.000 min
Lab File: BF123837.D
Acq: 5 May 2021 20:14

Tgt Ion: 136 Resp: 731864
Ion Ratio Lower Upper
136 100
137 10.6 8.7 13.1
54 10.8 9.8 14.6
68 5.6 4.1 6.1





#23

Nitrobenzene-d5

Concen: 48.53 ng

RT: 7.357 min Scan# 896

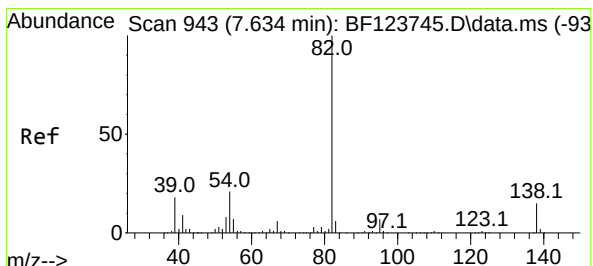
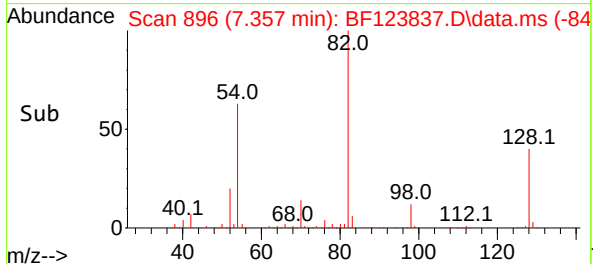
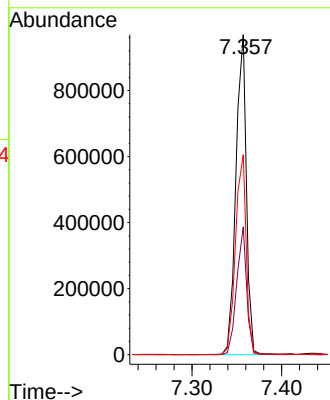
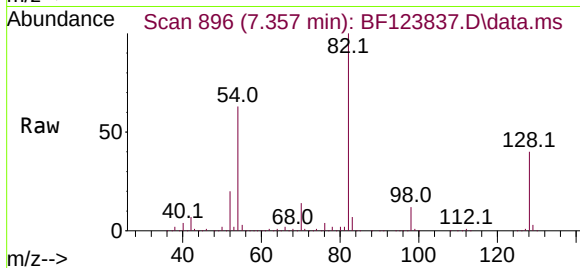
Delta R.T. -0.006 min

Lab File: BF123837.D

Acq: 5 May 2021 20:14

Tgt Ion: 82 Resp: 786746

Ion	Ratio	Lower	Upper
82	100		
128	40.0	29.4	44.2
54	62.5	54.1	81.1



#25

Isophorone

Concen: 3.39 ng

RT: 7.610 min Scan# 939

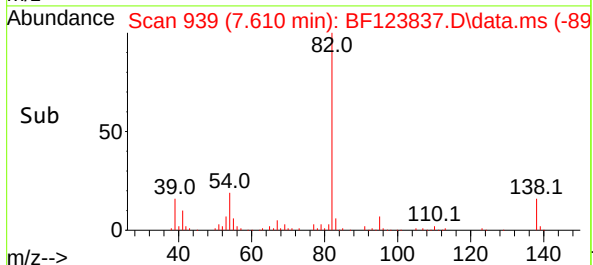
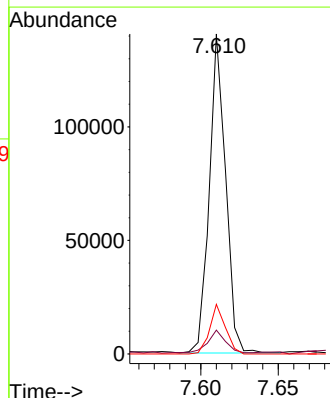
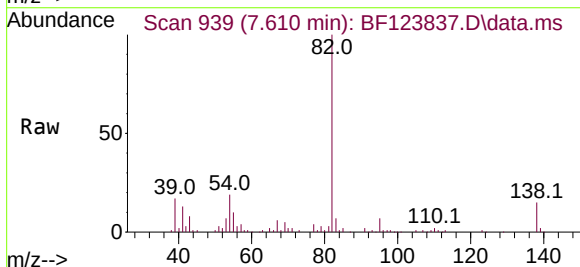
Delta R.T. -0.012 min

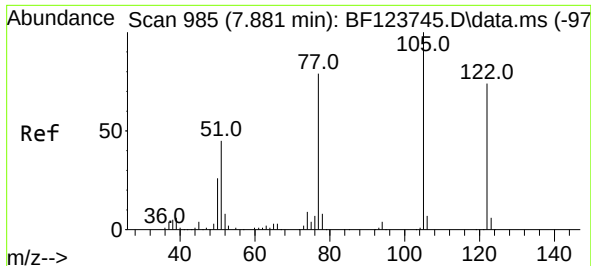
Lab File: BF123837.D

Acq: 5 May 2021 20:14

Tgt Ion: 82 Resp: 102919

Ion	Ratio	Lower	Upper
82	100		
95	7.5	5.8	8.6
138	15.5	11.8	17.8

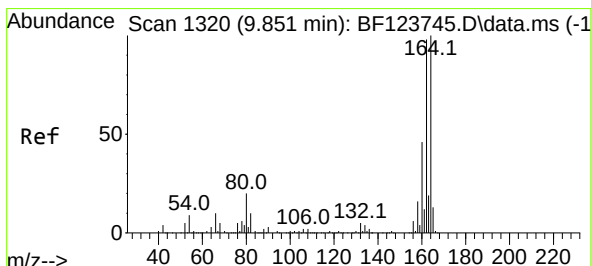
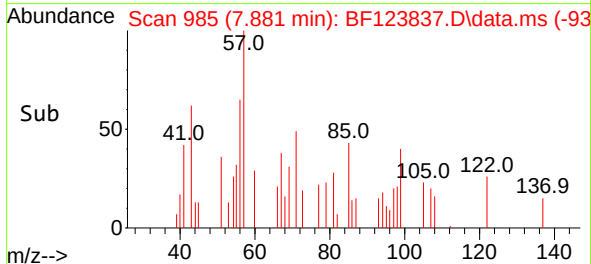
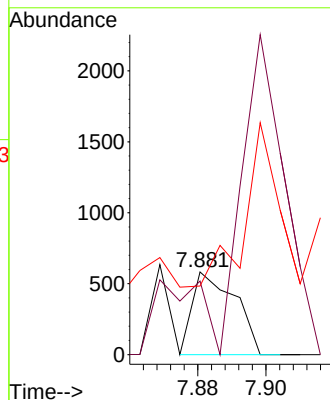
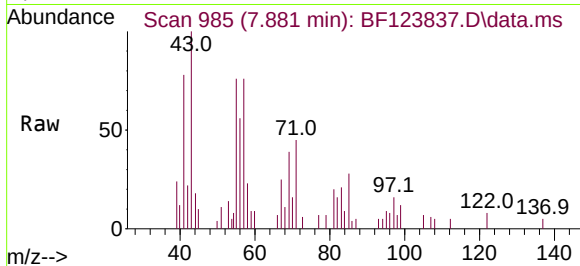




#32
Benzoic acid
Concen: 5.45 ng
RT: 7.881 min Scan# 985
Delta R.T. 0.006 min
Lab File: BF123837.D
Acq: 5 May 2021 20:14

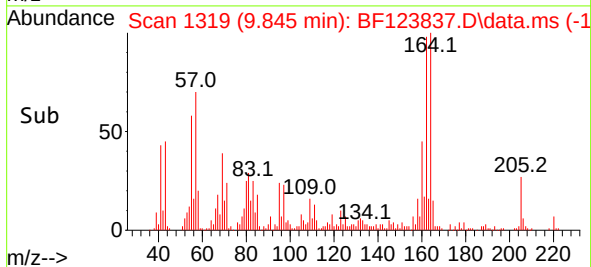
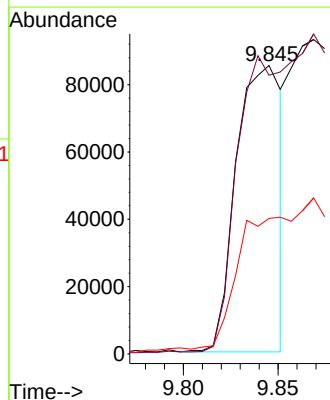
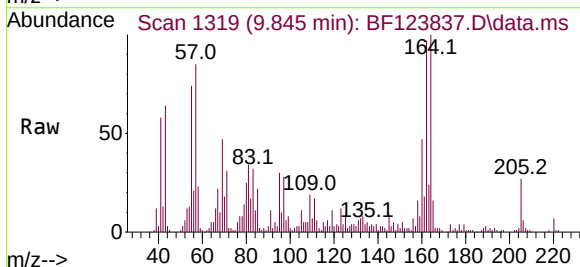
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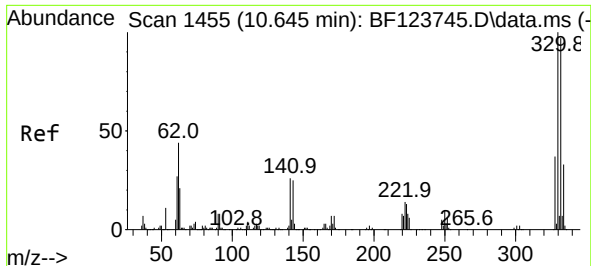
Tgt Ion:122 Resp: 509
Ion Ratio Lower Upper
122 100
105 88.9 107.8 147.8#
77 82.8 81.6 121.6



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.845 min Scan# 1319
Delta R.T. 0.006 min
Lab File: BF123837.D
Acq: 5 May 2021 20:14

Tgt Ion:164 Resp: 141365
Ion Ratio Lower Upper
164 100
162 96.6 80.7 121.1
160 47.0 37.3 55.9

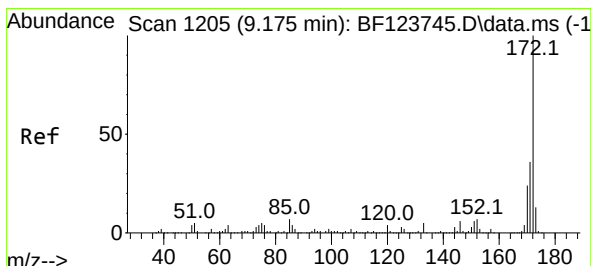
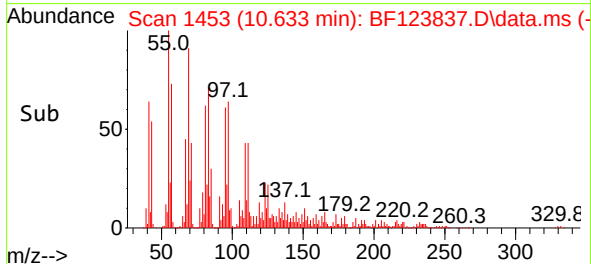
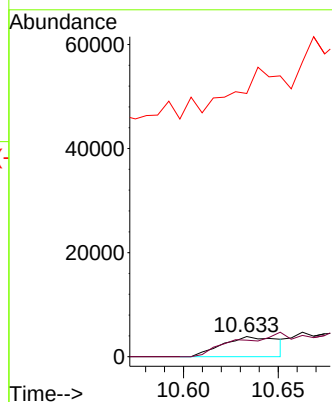
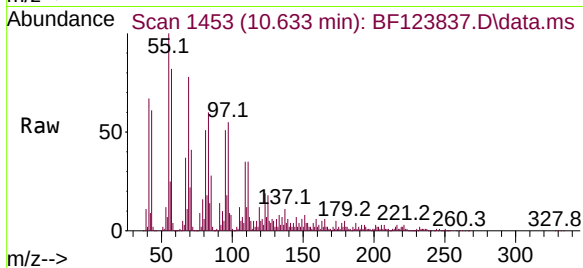




#42
2,4,6-Tribromophenol
Concen: 4.46 ng
RT: 10.633 min Scan# 1453
Delta R.T. -0.000 min
Lab File: BF123837.D
Acq: 5 May 2021 20:14

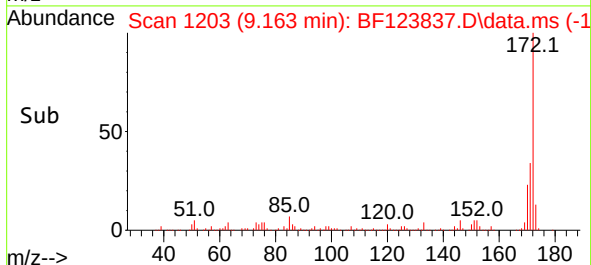
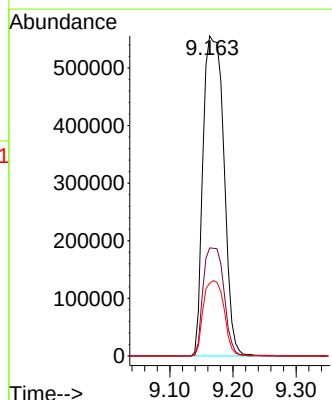
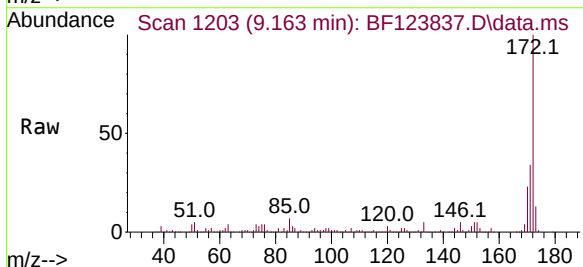
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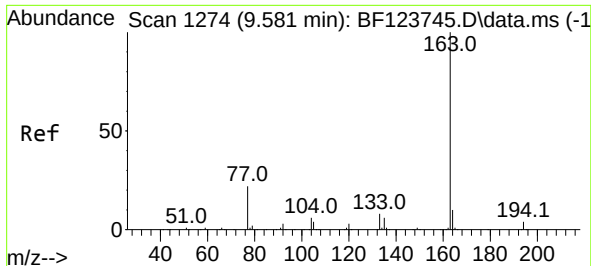
Tgt Ion: 330 Resp: 7847
Ion Ratio Lower Upper
330 100
332 0.0 77.1 115.7#
141 0.0 27.9 41.9#



#45
2-Fluorobiphenyl
Concen: 131.11 ng
RT: 9.163 min Scan# 1203
Delta R.T. -0.000 min
Lab File: BF123837.D
Acq: 5 May 2021 20:14

Tgt Ion: 172 Resp: 1272715
Ion Ratio Lower Upper
172 100
171 33.7 28.1 42.1
170 22.7 19.2 28.8

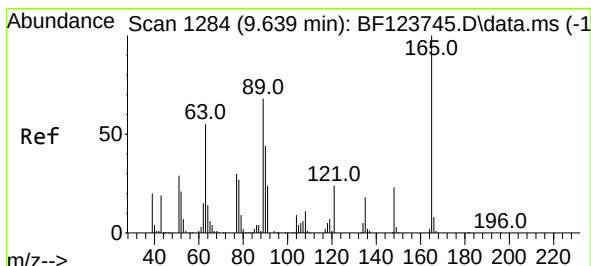
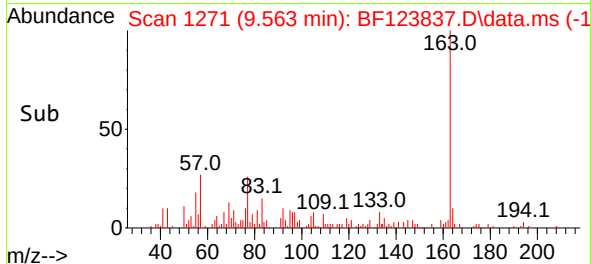
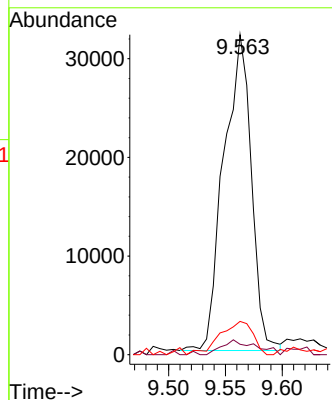
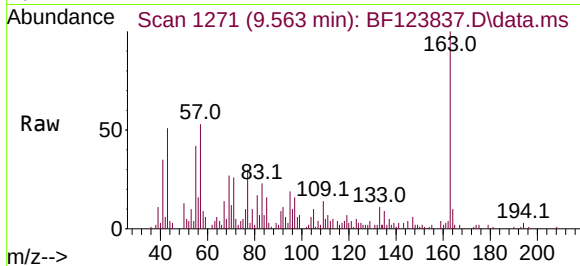




#50
Dimethylphthalate
Concen: 5.42 ng
RT: 9.563 min Scan# 1271
Delta R.T. -0.000 min
Lab File: BF123837.D
Acq: 5 May 2021 20:14

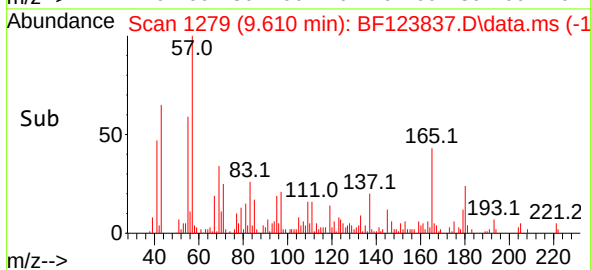
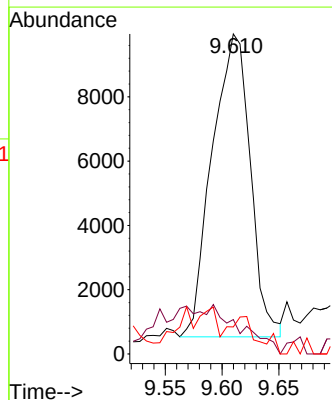
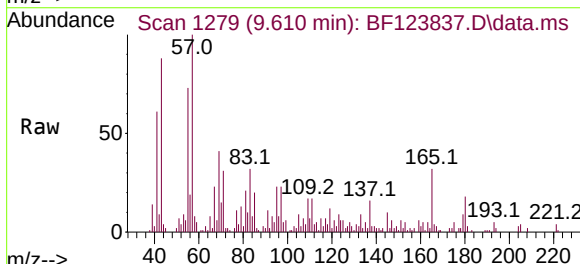
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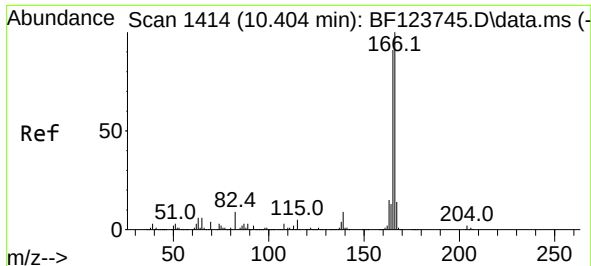
Tgt Ion:163 Resp: 53942
Ion Ratio Lower Upper
163 100
194 3.3 3.1 4.7
164 10.4 8.2 12.2



#51
2,6-Dinitrotoluene
Concen: 9.55 ng
RT: 9.610 min Scan# 1279
Delta R.T. -0.018 min
Lab File: BF123837.D
Acq: 5 May 2021 20:14

Tgt Ion:165 Resp: 21984
Ion Ratio Lower Upper
165 100
63 10.7 67.7 101.5#
89 8.4 58.8 88.2#

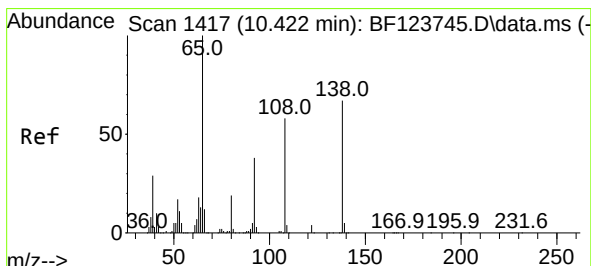
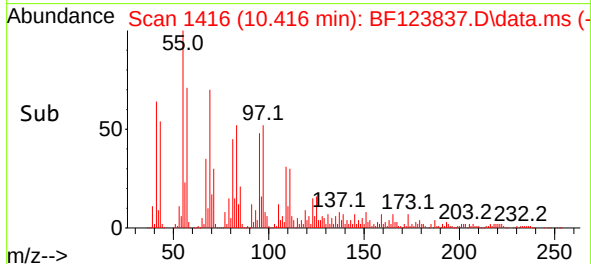
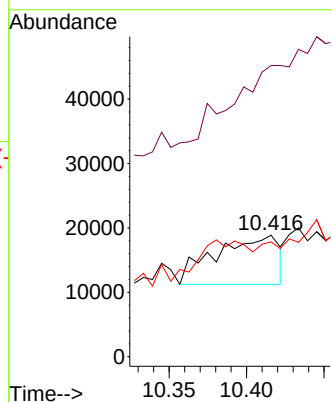
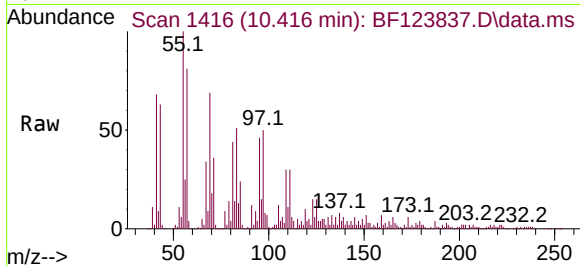




#58
Fluorene
Concen: 2.16 ng
RT: 10.416 min Scan# 1416
Delta R.T. 0.023 min
Lab File: BF123837.D
Acq: 5 May 2021 20:14

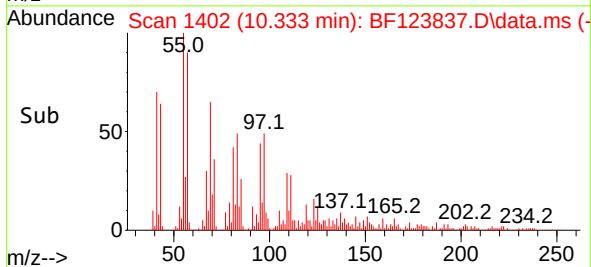
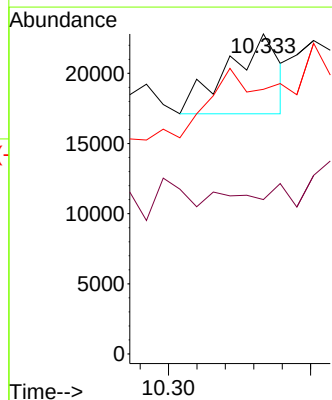
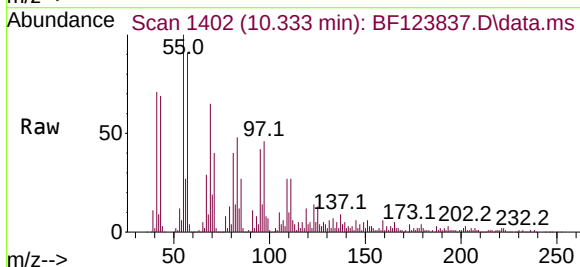
Instrument :
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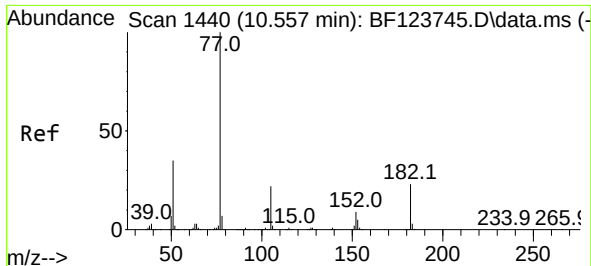
Tgt Ion:166 Resp: 21555
Ion Ratio Lower Upper
166 100
165 239.8 73.5 110.3#
167 94.7 10.7 16.1#



#62
4-Nitroaniline
Concen: 2.64 ng
RT: 10.333 min Scan# 1402
Delta R.T. -0.077 min
Lab File: BF123837.D
Acq: 5 May 2021 20:14

Tgt Ion:138 Resp: 7189
Ion Ratio Lower Upper
138 100
92 48.2 35.8 75.8
108 82.7 63.6 103.6



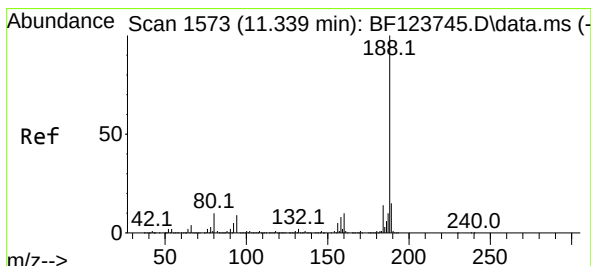
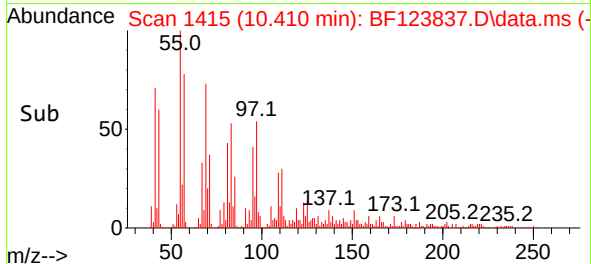
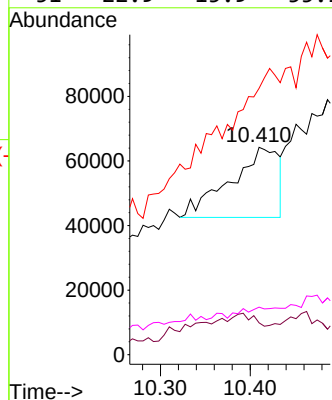
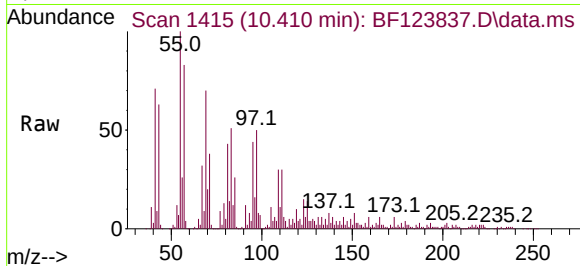


#63
Azobenzene
Concen: 6.67 ng
RT: 10.410 min Scan# 1415
Delta R.T. -0.129 min
Lab File: BF123837.D
Acq: 5 May 2021 20:14

Instrument :
BNA_F
ClientSampleId :
CON-PLANT

Tgt Ion: 77 Resp: 81271

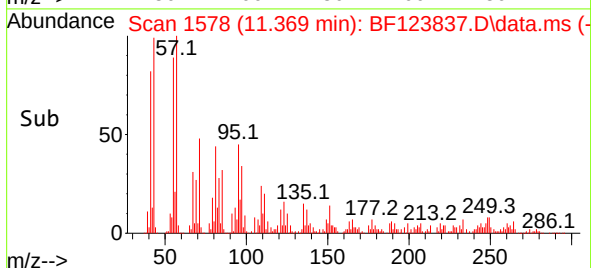
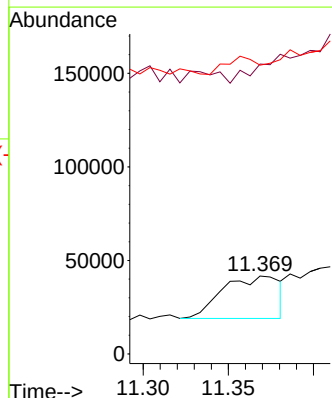
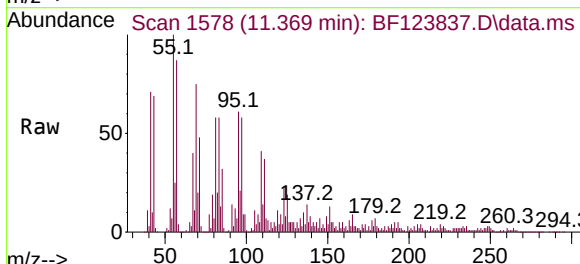
Ion	Ratio	Lower	Upper
77	100		
182	15.3	1.7	41.7
105	128.4	1.7	41.7#
51	22.9	15.9	55.9

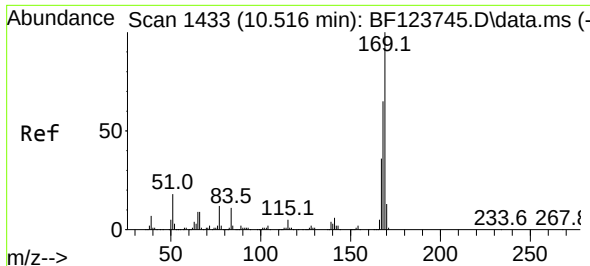


#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.369 min Scan# 1578
Delta R.T. 0.041 min
Lab File: BF123837.D
Acq: 5 May 2021 20:14

Tgt Ion: 188 Resp: 52896

Ion	Ratio	Lower	Upper
188	100		
94	372.0	6.9	10.3#
80	370.6	8.2	12.2#

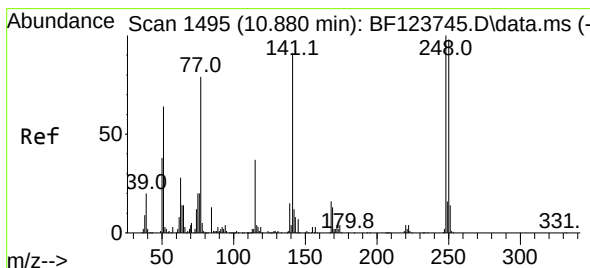
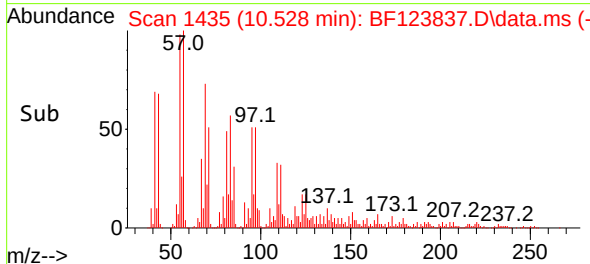
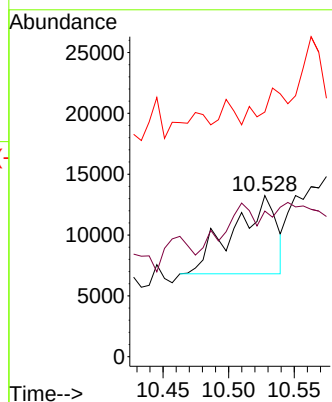
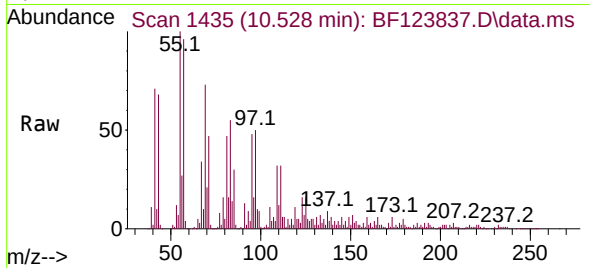




#66
n-Nitrosodiphenylamine
Concen: 8.51 ng
RT: 10.528 min Scan# 1435
Delta R.T. 0.023 min
Lab File: BF123837.D
Acq: 5 May 2021 20:14

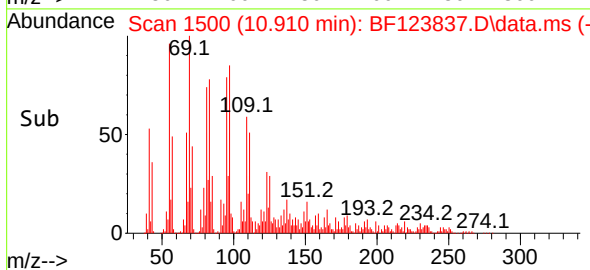
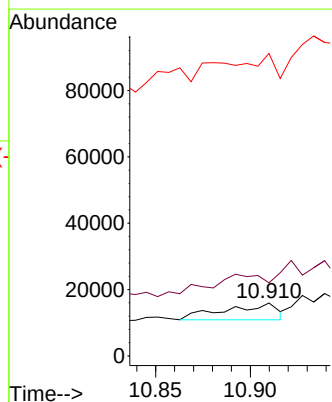
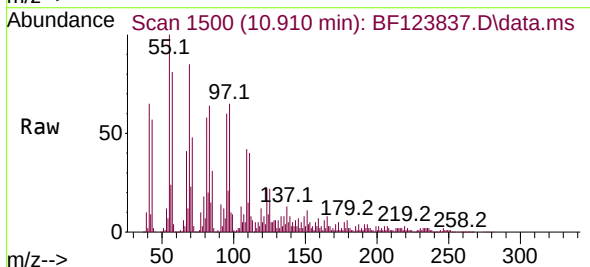
Instrument :
BNA_F
ClientSampleId :
CON-PLANT

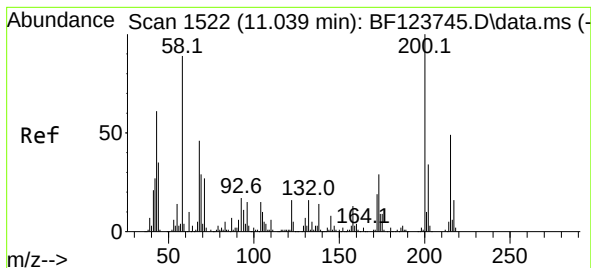
Tgt Ion:169 Resp: 14722
Ion Ratio Lower Upper
169 100
168 90.4 53.3 79.9#
167 151.8 29.9 44.9#



#67
4-Bromophenyl-phenylether
Concen: 17.04 ng
RT: 10.910 min Scan# 1500
Delta R.T. 0.035 min
Lab File: BF123837.D
Acq: 5 May 2021 20:14

Tgt Ion:248 Resp: 9494
Ion Ratio Lower Upper
248 100
250 138.1 77.4 116.2#
141 571.5 63.7 95.5#





#69

Atrazine

Concen: 10.76 ng

RT: 11.069 min Scan# 1527

Delta R.T. 0.035 min

Lab File: BF123837.D

Acq: 5 May 2021 20:14

Tgt Ion:200 Resp: 5629

Ion Ratio Lower Upper

200 100

173 342.4 6.9 46.9#

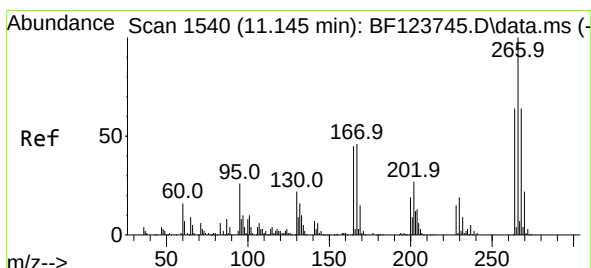
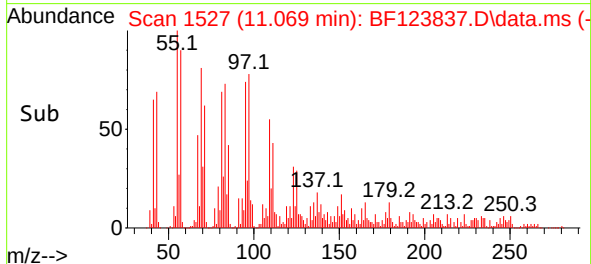
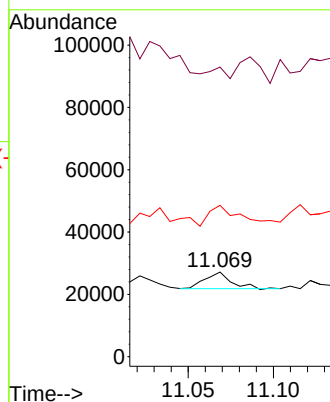
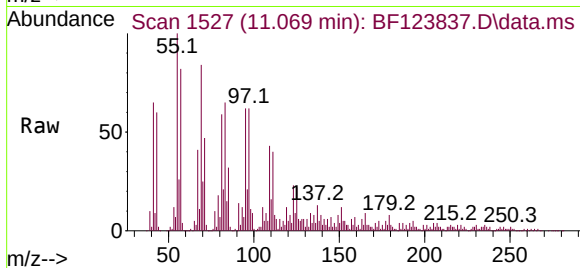
215 178.9 26.5 66.5#

Instrument :

BNA_F

ClientSampleId :

CON-PLANT



#70

Pentachlorophenol

Concen: 10.28 ng

RT: 11.227 min Scan# 1554

Delta R.T. 0.094 min

Lab File: BF123837.D

Acq: 5 May 2021 20:14

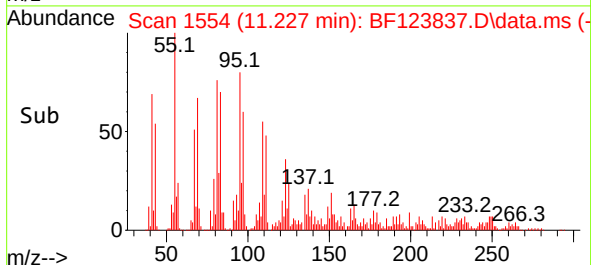
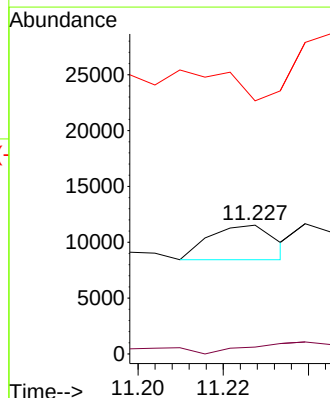
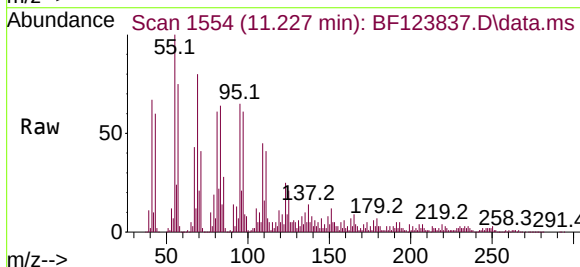
Tgt Ion:266 Resp: 3321

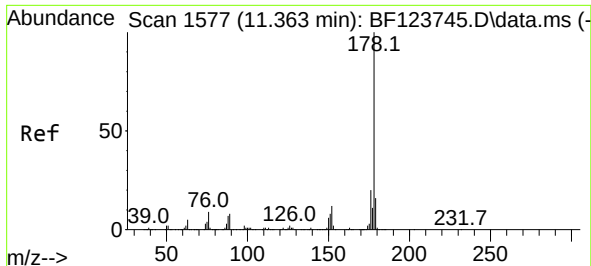
Ion Ratio Lower Upper

266 100

268 5.4 51.6 77.4#

264 196.5 52.6 78.8#

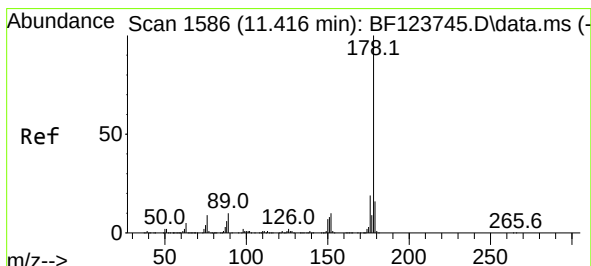
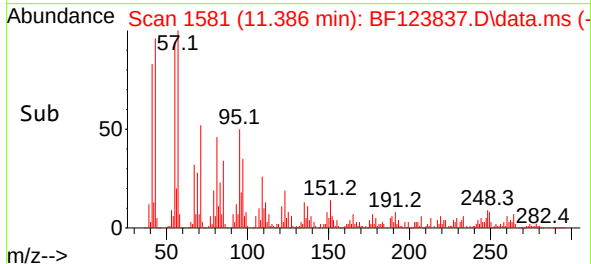
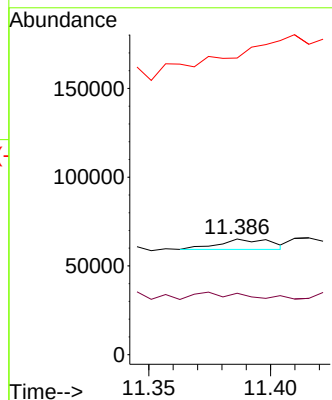
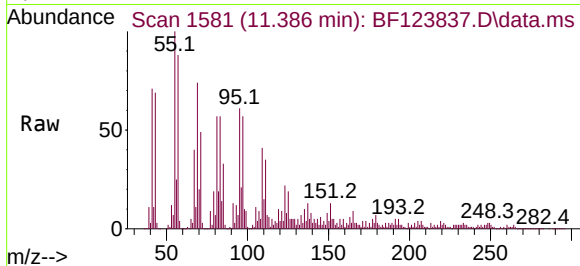




#71
Phenanthrene
Concen: 3.13 ng
RT: 11.386 min Scan# 1581
Delta R.T. 0.035 min
Lab File: BF123837.D
Acq: 5 May 2021 20:14

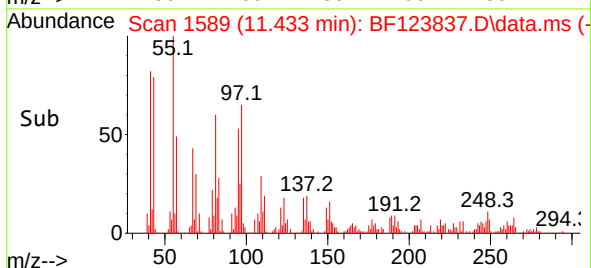
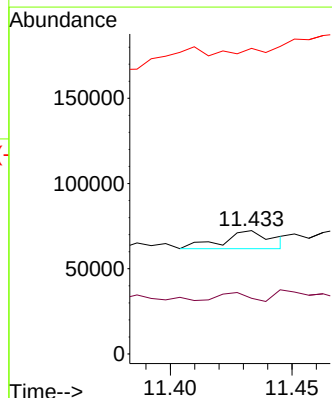
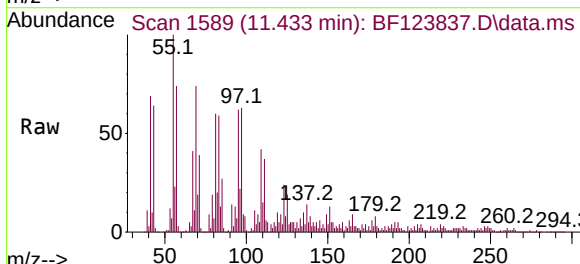
Instrument :
BNA_F
ClientSampleId :
CON-PLANT

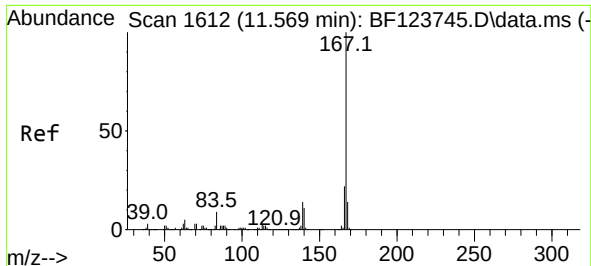
Tgt Ion:178 Resp: 8692
Ion Ratio Lower Upper
178 100
176 53.2 15.6 23.4#
179 256.5 12.5 18.7#



#72
Anthracene
Concen: 5.41 ng
RT: 11.433 min Scan# 1589
Delta R.T. 0.029 min
Lab File: BF123837.D
Acq: 5 May 2021 20:14

Tgt Ion:178 Resp: 14922
Ion Ratio Lower Upper
178 100
176 45.2 15.4 23.0#
179 247.7 12.6 18.8#

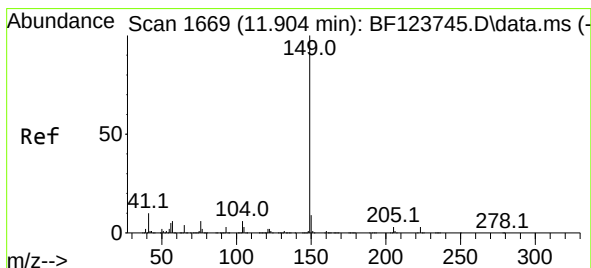
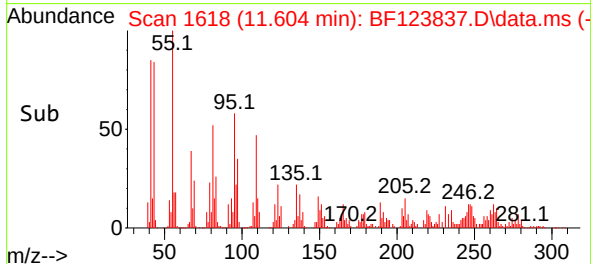
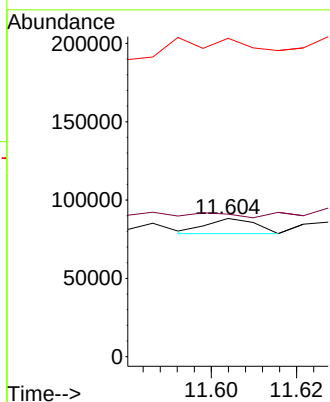
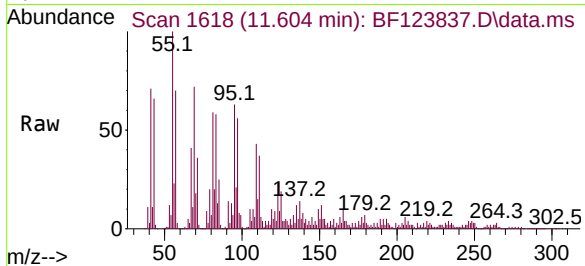




#73
 Carbazole
 Concen: 2.76 ng
 RT: 11.604 min Scan# 1618
 Delta R.T. 0.041 min
 Lab File: BF123837.D
 Acq: 5 May 2021 20:14

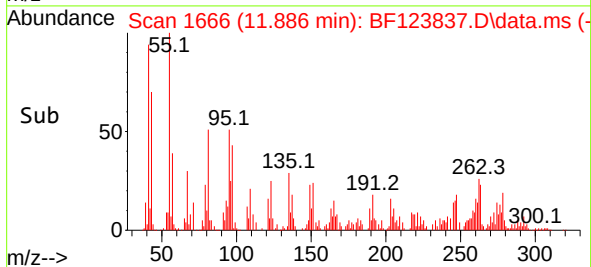
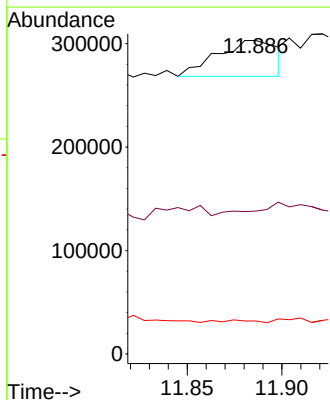
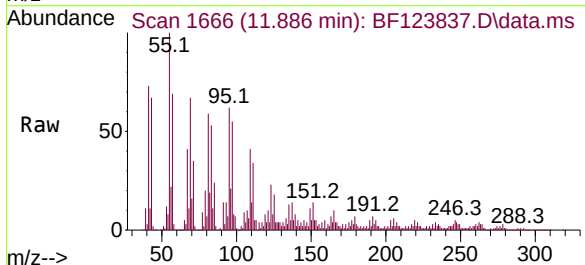
Instrument :
 BNA_F
 ClientSampleId :
 CON-PLANT

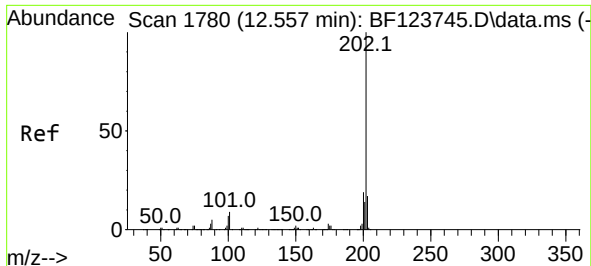
Tgt Ion:167 Resp: 7704
 Ion Ratio Lower Upper
 167 100
 166 103.1 17.0 25.6#
 139 230.4 10.4 15.6#



#74
 Di-n-butylphthalate
 Concen: 24.31 ng
 RT: 11.886 min Scan# 1666
 Delta R.T. -0.006 min
 Lab File: BF123837.D
 Acq: 5 May 2021 20:14

Tgt Ion:149 Resp: 76111
 Ion Ratio Lower Upper
 149 100
 150 45.6 7.8 11.8#
 104 10.5 4.6 6.8#

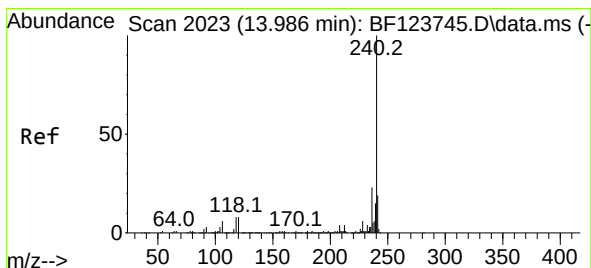
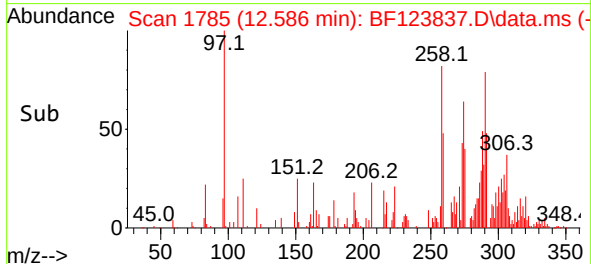
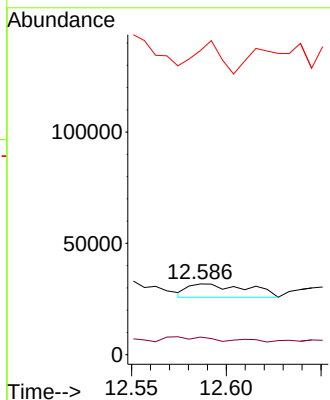
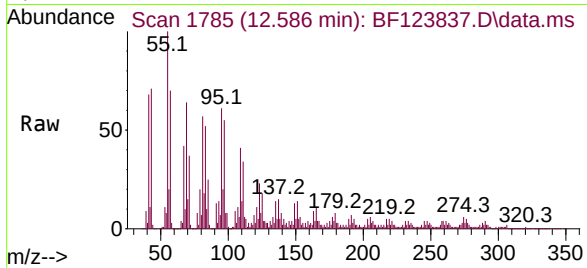




#75
Fluoranthene
Concen: 4.33 ng
RT: 12.586 min Scan# 1785
Delta R.T. 0.041 min
Lab File: BF123837.D
Acq: 5 May 2021 20:14

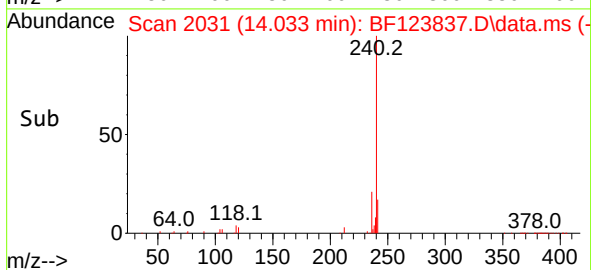
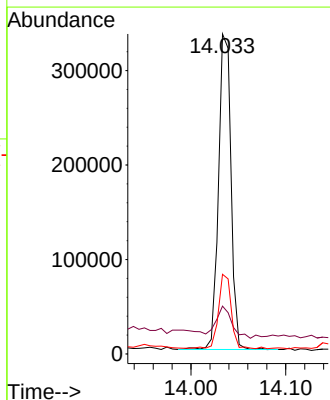
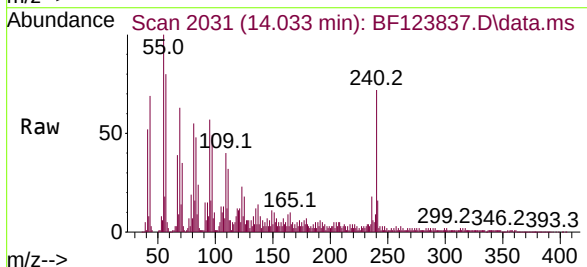
Instrument :
BNA_F
ClientSampleId :
CON-PLANT

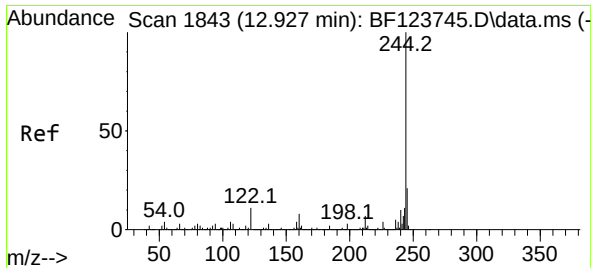
Tgt Ion:202 Resp: 13116
Ion Ratio Lower Upper
202 100
101 24.9 0.0 30.9
203 430.2 0.0 37.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.033 min Scan# 2031
Delta R.T. 0.059 min
Lab File: BF123837.D
Acq: 5 May 2021 20:14

Tgt Ion:240 Resp: 306626
Ion Ratio Lower Upper
240 100
120 14.9 7.2 10.8#
236 24.9 19.0 28.4

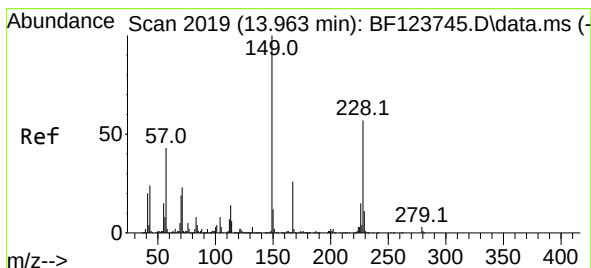
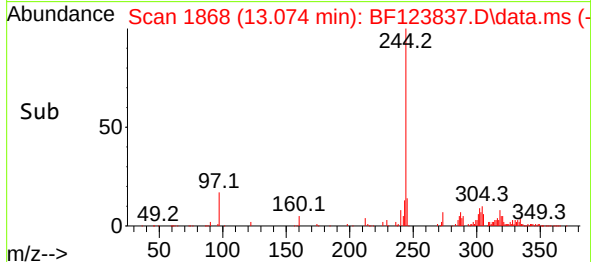
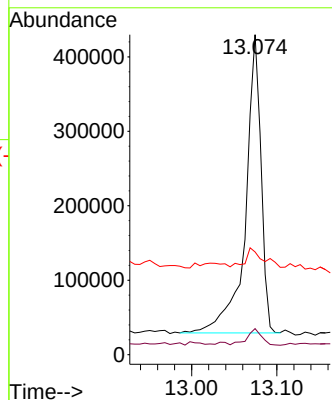
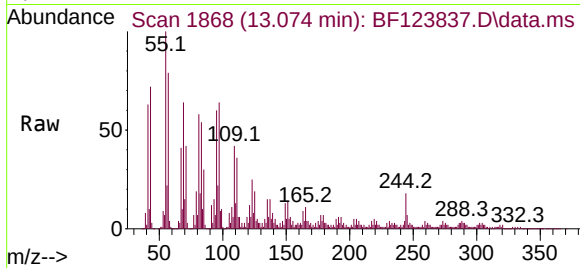




#79
 Terphenyl-d14
 Concen: 31.95 ng
 RT: 13.074 min Scan# 1868
 Delta R.T. 0.159 min
 Lab File: BF123837.D
 Acq: 5 May 2021 20:14

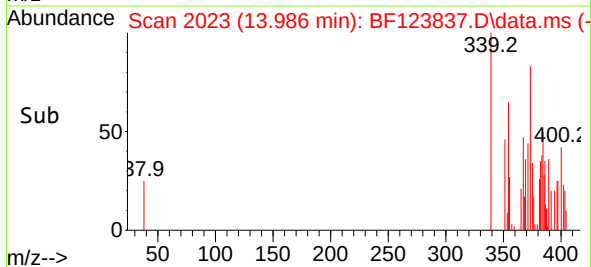
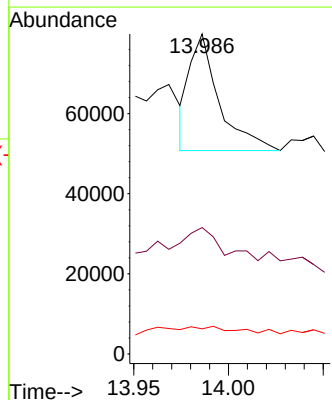
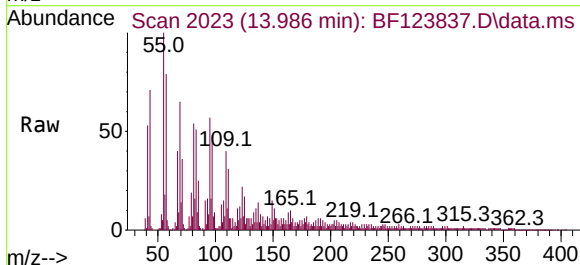
Instrument :
 BNA_F
 ClientSampleId :
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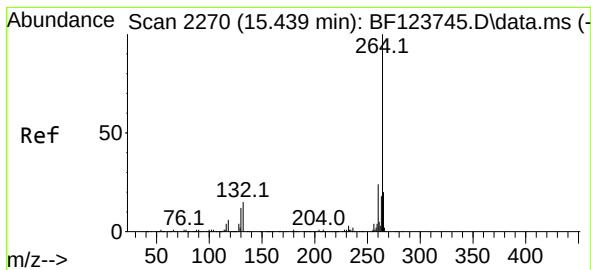
Tgt Ion:244 Resp: 508745
 Ion Ratio Lower Upper
 244 100
 212 8.1 5.7 8.5
 122 32.1 9.7 14.5#



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 2.51 ng
 RT: 13.986 min Scan# 2023
 Delta R.T. 0.029 min
 Lab File: BF123837.D
 Acq: 5 May 2021 20:14

Tgt Ion:149 Resp: 31681
 Ion Ratio Lower Upper
 149 100
 167 39.5 21.8 32.6#
 279 7.8 3.3 4.9#





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.445 min Scan# 2271
 Delta R.T. 0.018 min
 Lab File: BF123837.D
 Acq: 5 May 2021 20:14

Instrument :
 BNA_F
 ClientSampleId :
 CON-PLANT

Tgt Ion:264 Resp: 271382

Ion	Ratio	Lower	Upper
264	100		
260	24.2	18.7	28.1
265	20.3	17.8	26.8

