

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
 Data File : BF123961.D
 Acq On : 17 May 2021 13:59
 Operator : JU/CG
 Sample : M2383-07DL 2X
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KTW-01DL

Quant Time: May 17 14:30:02 2021
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA_F\METHODS\8270-BF051421.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 14 19:05:57 2021
 Response via : Initial Calibration

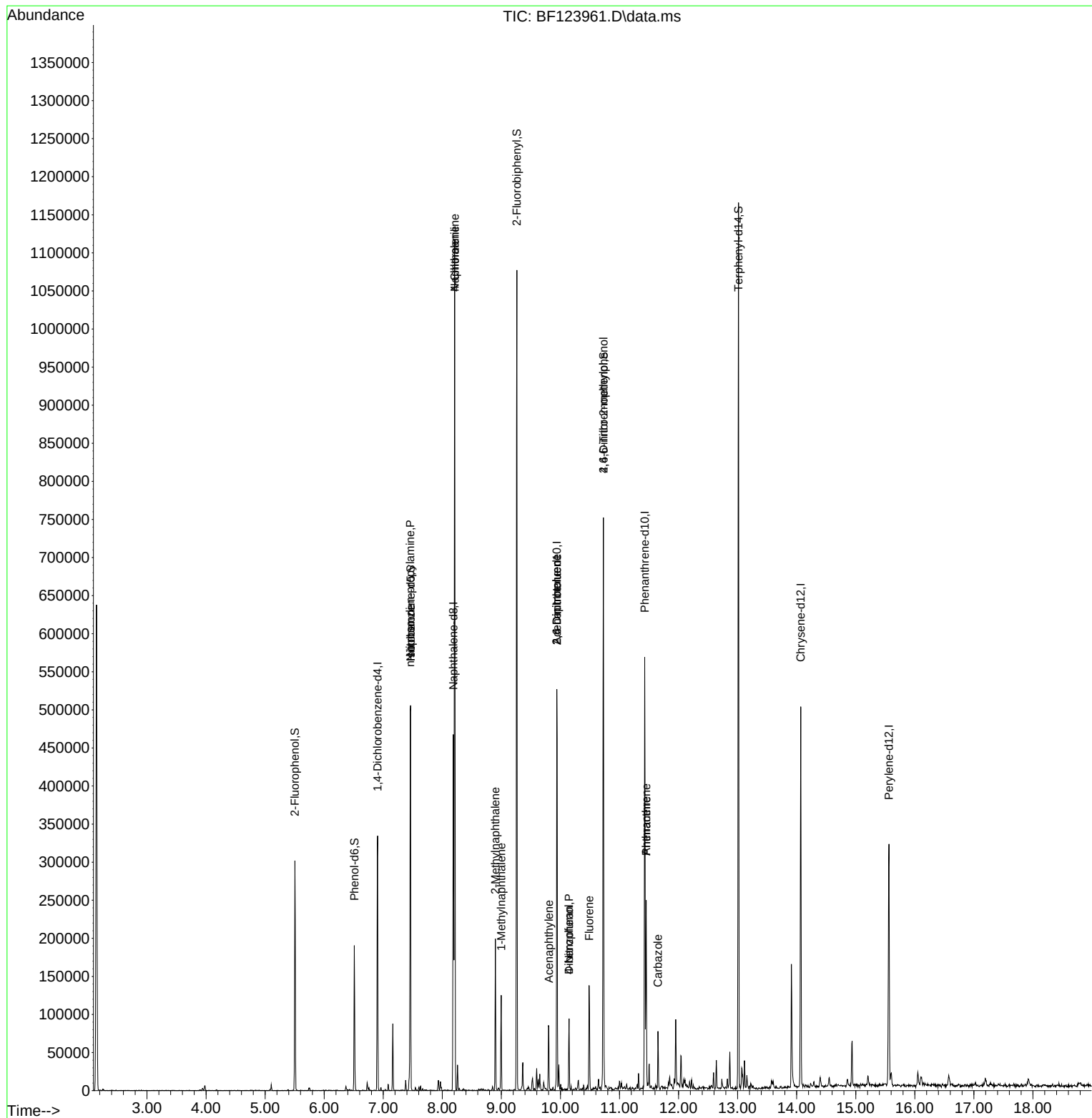
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	41738	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	166675	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	94817	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	182280	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	149379	20.00	ng	0.00
86) Perylene-d12	15.562	264	131586	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	58438	19.66	ng	0.00
7) Phenol-d6	6.510	99	42046	10.90	ng	-0.01
23) Nitrobenzene-d5	7.463	82	143513	37.10	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	68879	60.48	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	275196	35.72	ng	0.00
79) Terphenyl-d14	13.015	244	314003	31.84	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.457	70	19775	7.59	ng	# 79
25) Isophorone	7.463	82	143509	19.28	ng	# 69
31) Naphthalene	8.210	128	361848	36.68	ng	98
33) 4-Chloroaniline	8.210	127	54254	14.45	ng	# 33
37) 2-Methylnaphthalene	8.898	142	39748	5.95	ng	100
38) 1-Methylnaphthalene	8.998	142	24775	3.97	ng	96
49) Acenaphthylene	9.804	152	30467	3.11	ng	# 96
51) 2,6-Dinitrotoluene	9.939	165	12773	8.34	ng	# 11
55) Dibenzofuran	10.145	168	28960	3.01	ng	97
56) 4-Nitrophenol	10.145	139	11769	9.35	ng	# 1
57) 2,4-Dinitrotoluene	9.939	165	12773	6.80	ng	# 17
58) Fluorene	10.486	166	30536	4.21	ng	83
65) 4,6-Dinitro-2-methylph...	10.727	198	106	5.52	ng	# 1
71) Phenanthrene	11.451	178	72480	6.27	ng	98
72) Anthracene	11.451	178	72480	6.19	ng	98
73) Carbazole	11.651	167	23284	2.27	ng	# 93

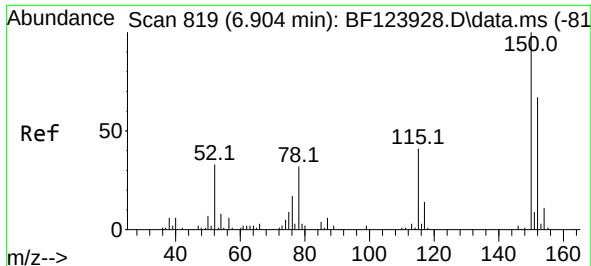
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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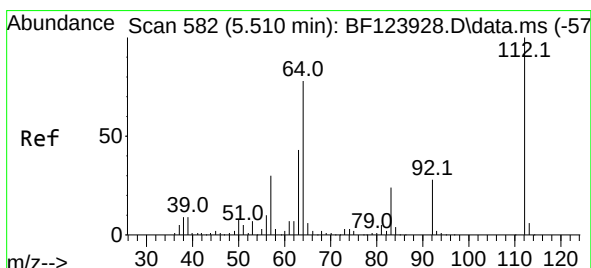
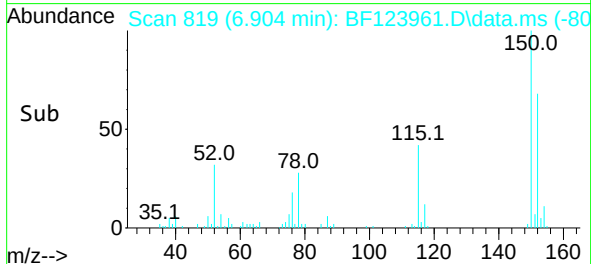
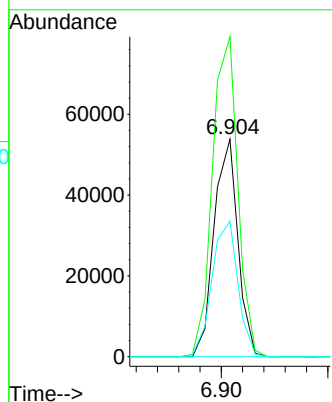
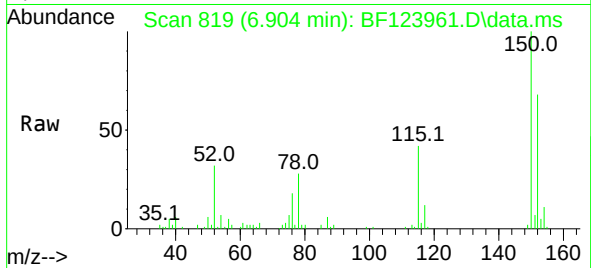




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

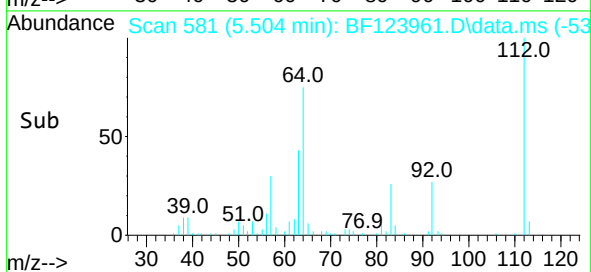
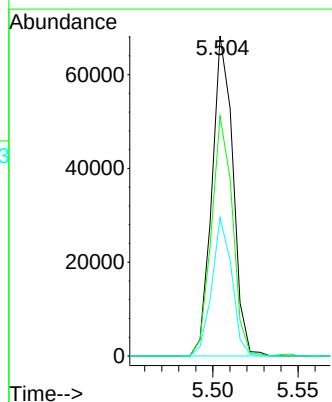
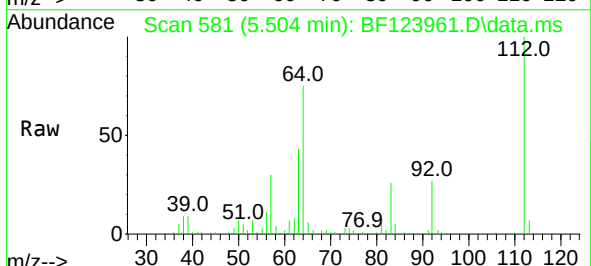
Instrument :
BNA_F
ClientSampleId :
KTW-01DL

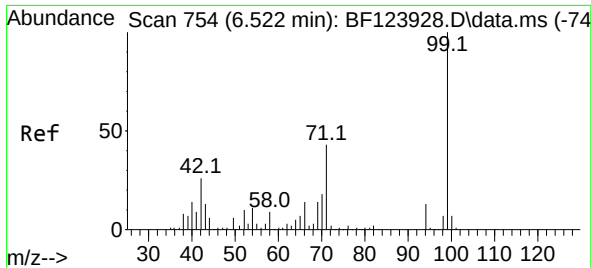
Tgt Ion:152 Resp: 41738
Ion Ratio Lower Upper
152 100
150 147.2 127.0 190.6
115 62.3 54.3 81.5



#5
2-Fluorophenol
Concen: 19.66 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

Tgt Ion:112 Resp: 58438
Ion Ratio Lower Upper
112 100
64 74.9 61.4 92.0
63 43.3 33.0 49.4

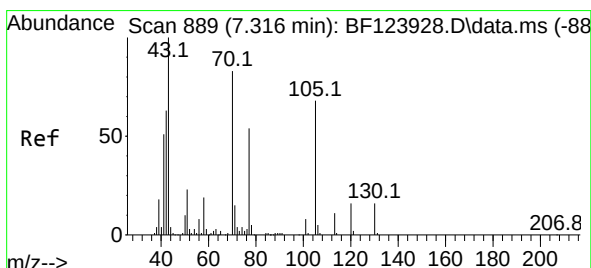
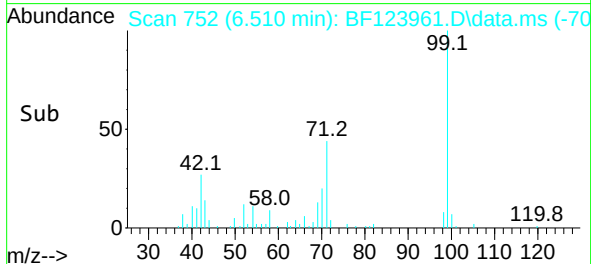
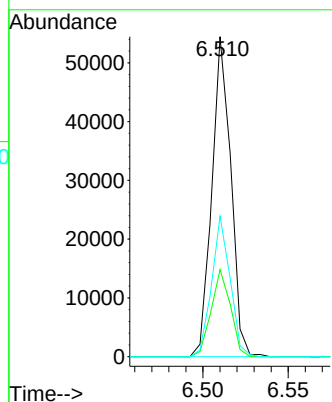
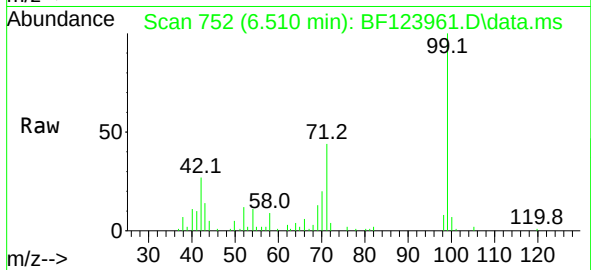




#7
Phenol-d6
Concen: 10.90 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

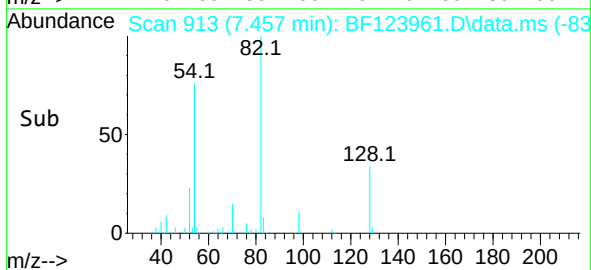
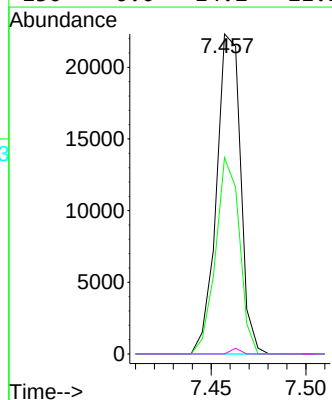
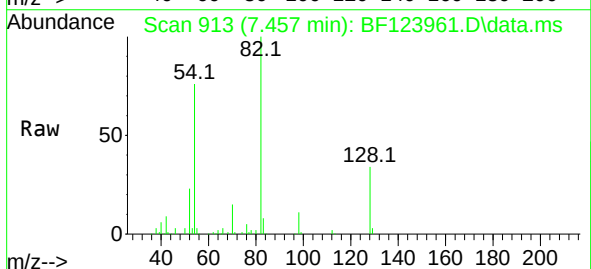
Instrument :
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ClientSampleId :
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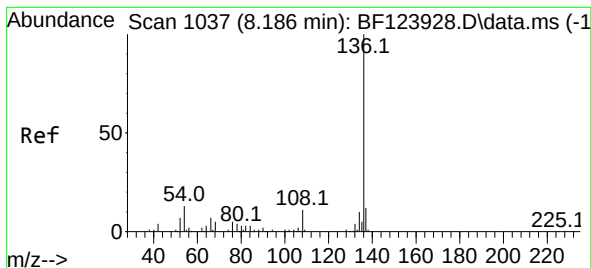
Tgt Ion:	99	Resp:	42046
Ion	Ratio	Lower	Upper
99	100		
42	27.2	19.8	29.8
71	43.9	31.1	46.7



#19
n-Nitroso-di-n-propylamine
Concen: 7.59 ng
RT: 7.457 min Scan# 913
Delta R.T. 0.141 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

Tgt Ion:	70	Resp:	19775
Ion	Ratio	Lower	Upper
70	100		
42	61.4	60.1	90.1
101	0.0	7.4	11.2#
130	0.0	14.2	21.2#

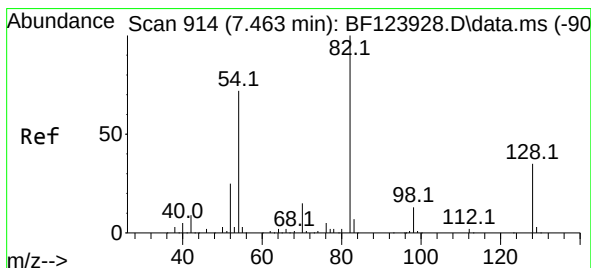
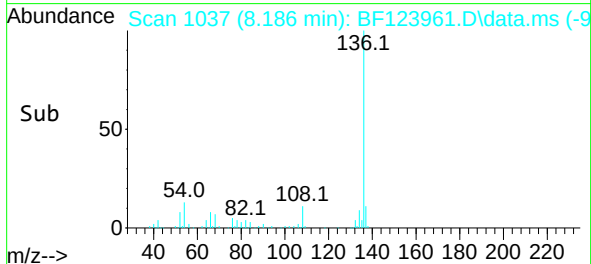
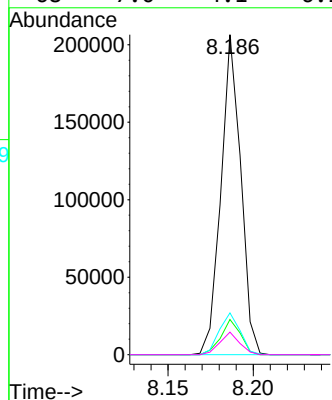
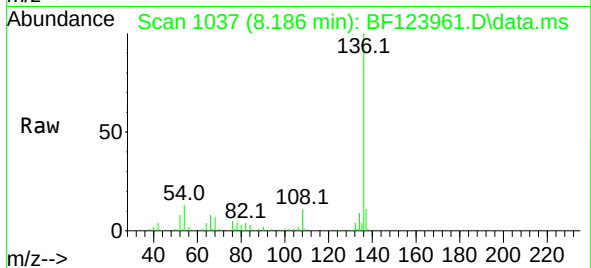




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

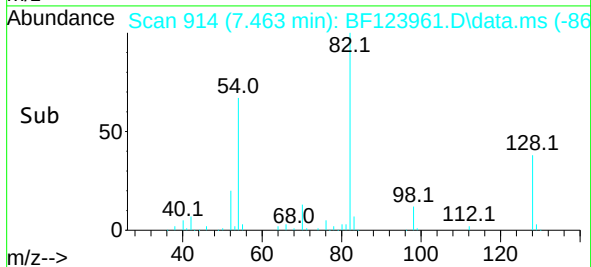
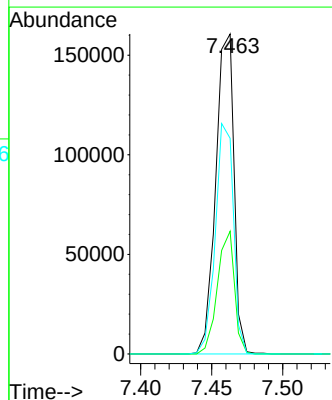
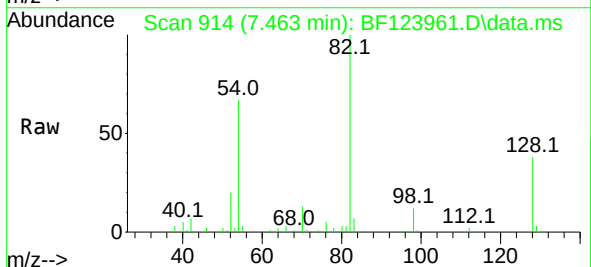
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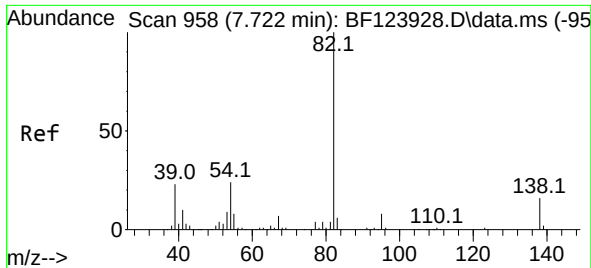
Tgt Ion:	136	Resp:	166675
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	13.0	9.8	14.6
68	7.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 37.10 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF123961.D
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Tgt Ion:	82	Resp:	143513
Ion	Ratio	Lower	Upper
82	100		
128	38.4	29.4	44.2
54	67.4	54.1	81.1

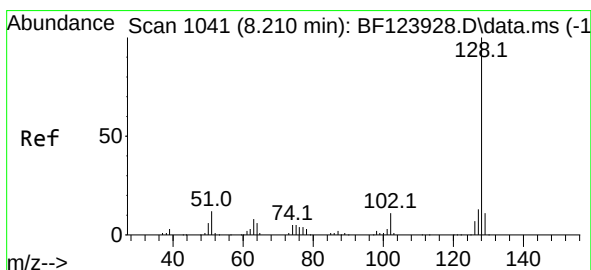
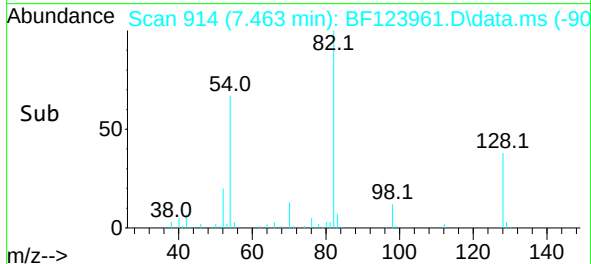
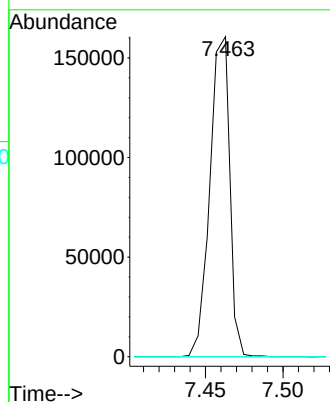
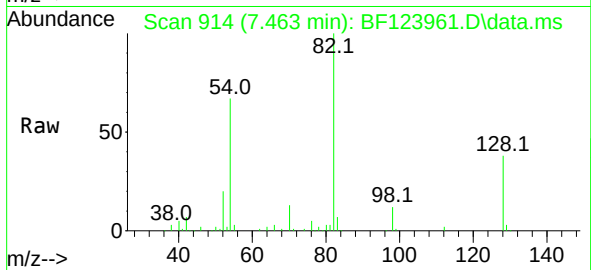




#25
Isophorone
Concen: 19.28 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

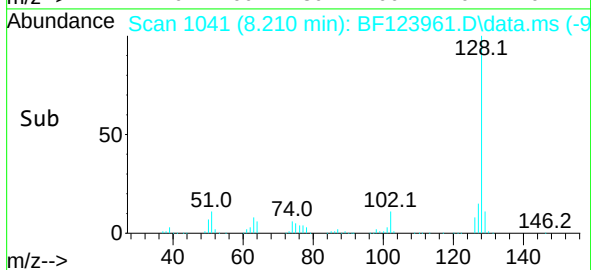
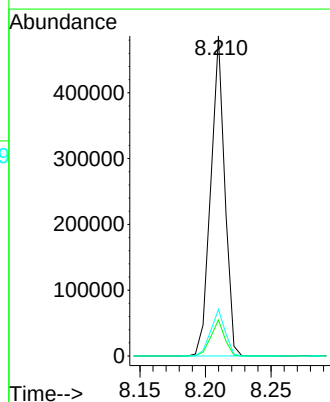
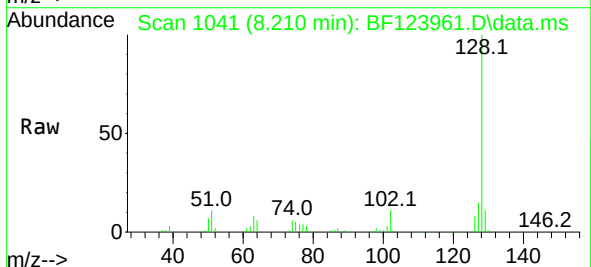
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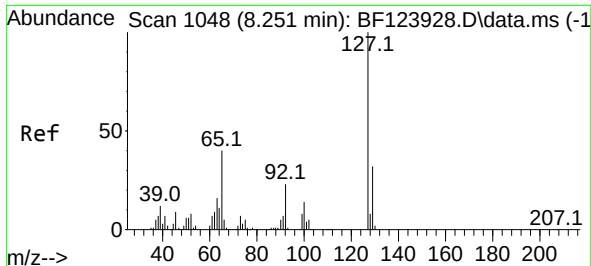
Tgt Ion: 82 Resp: 143509
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#31
Naphthalene
Concen: 36.68 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.000 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

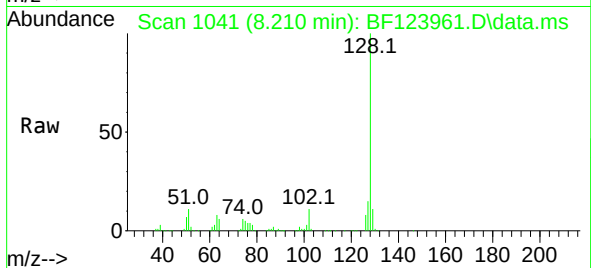
Tgt Ion: 128 Resp: 361848
Ion Ratio Lower Upper
128 100
129 11.2 8.9 13.3
127 14.6 10.8 16.2



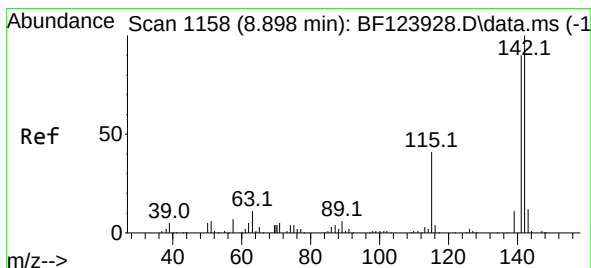
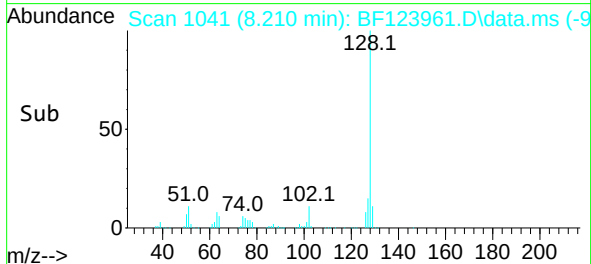
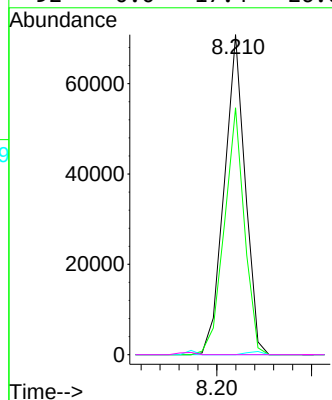


#33
4-Chloroaniline
Concen: 14.45 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.041 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

Instrument :
BNA_F
ClientSampleId :
KTW-01DL

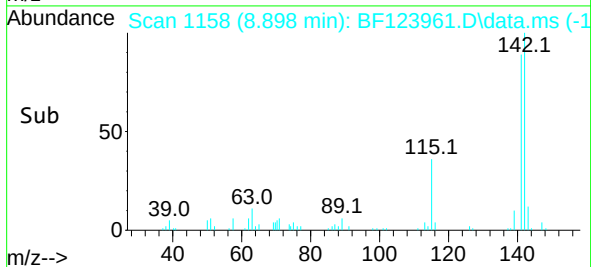
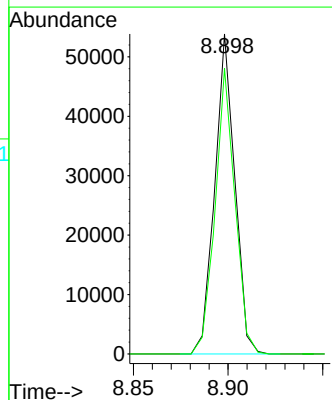
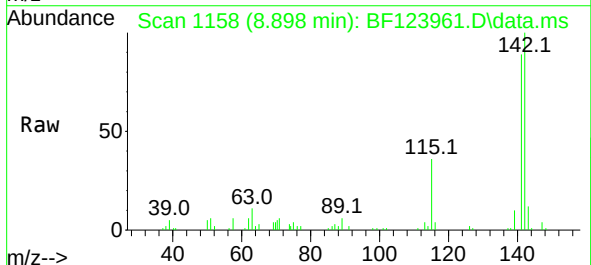


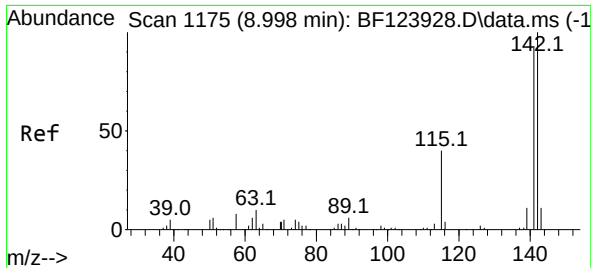
Tgt Ion:127 Resp: 54254
Ion Ratio Lower Upper
127 100
129 77.2 25.7 38.5#
65 0.0 34.5 51.7#
92 0.0 17.4 26.0#



#37
2-Methylnaphthalene
Concen: 5.95 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

Tgt Ion:142 Resp: 39748
Ion Ratio Lower Upper
142 100
141 89.2 71.8 107.6

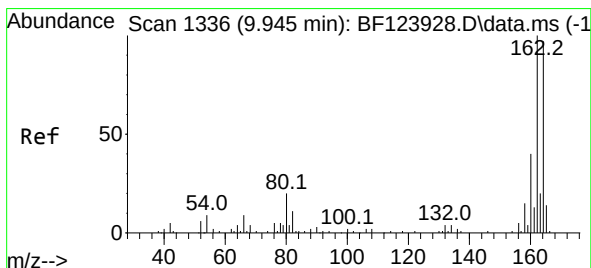
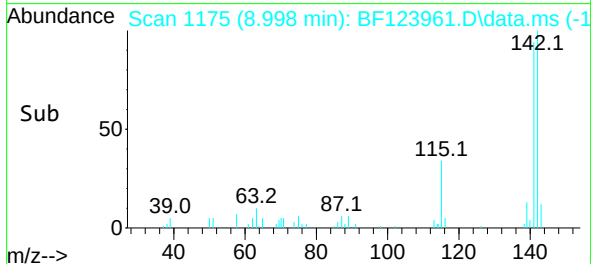
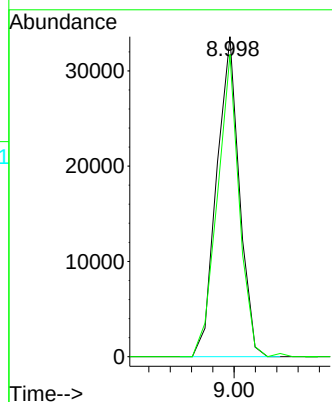
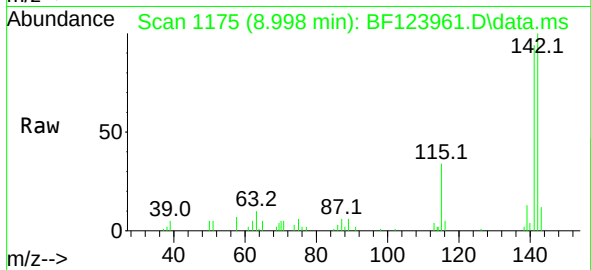




#38
1-Methylnaphthalene
Concen: 3.97 ng
RT: 8.998 min Scan# 1175
Delta R.T. -0.000 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

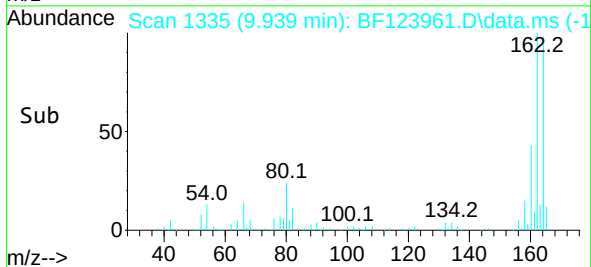
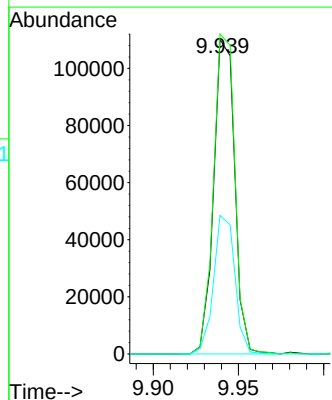
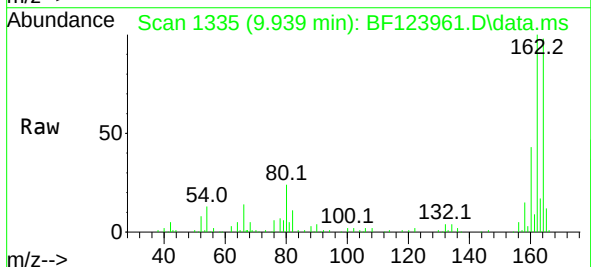
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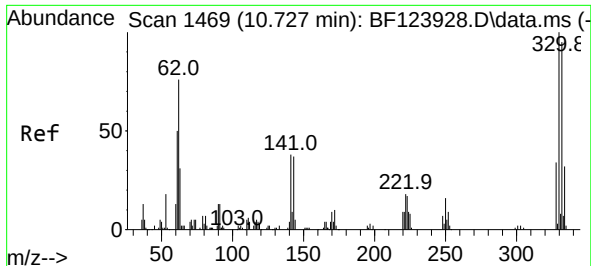
Tgt Ion:142 Resp: 24775
Ion Ratio Lower Upper
142 100
141 94.4 72.8 109.2



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

Tgt Ion:164 Resp: 94817
Ion Ratio Lower Upper
164 100
162 101.8 80.7 121.1
160 44.1 37.3 55.9

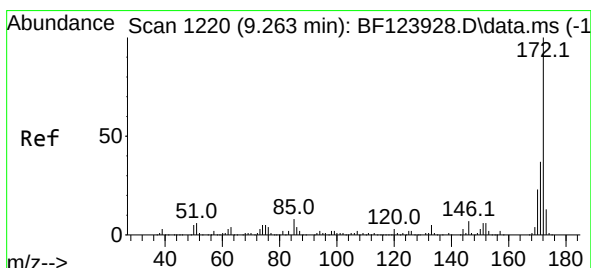
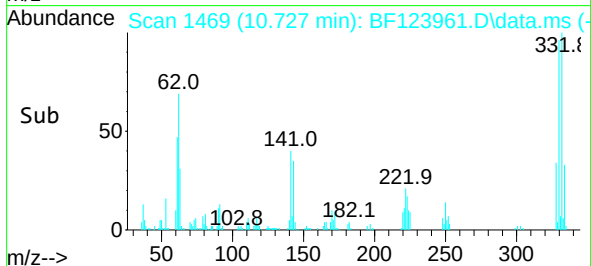
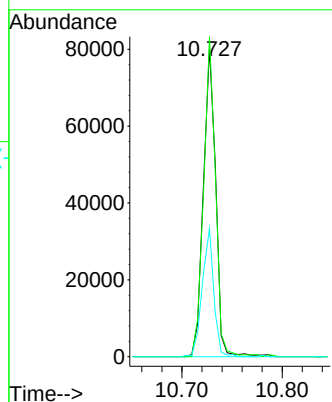
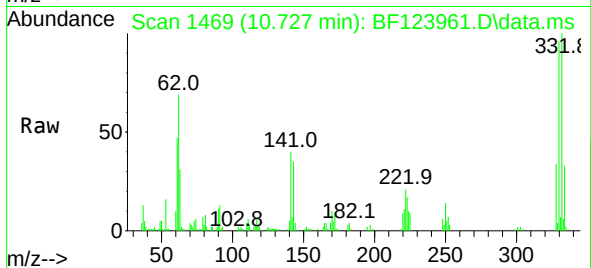




#42
2,4,6-Tribromophenol
Concen: 60.48 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

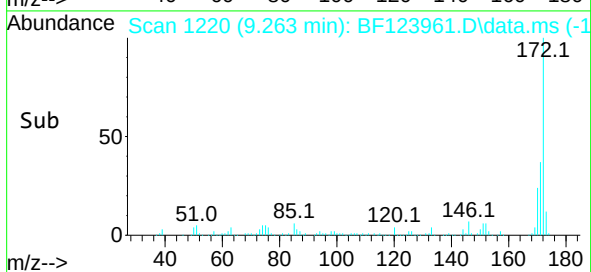
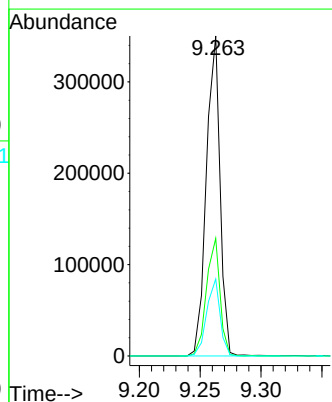
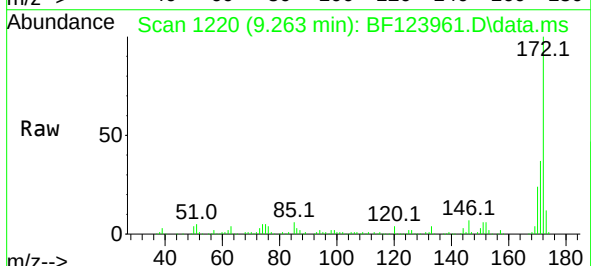
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ClientSampleID :
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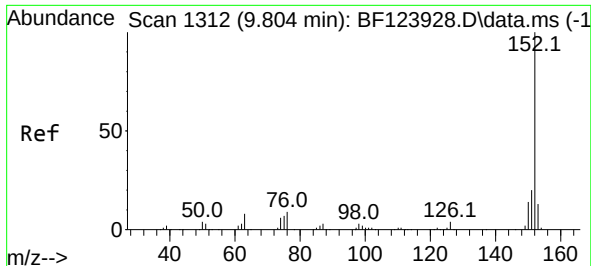
Tgt Ion: 330 Resp: 68879
Ion Ratio Lower Upper
330 100
332 99.9 77.1 115.7
141 38.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 35.72 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

Tgt Ion: 172 Resp: 275196
Ion Ratio Lower Upper
172 100
171 36.8 28.1 42.1
170 24.1 19.2 28.8





#49

Acenaphthylene

Concen: 3.11 ng

RT: 9.804 min Scan# 1312

Delta R.T. -0.000 min

Lab File: BF123961.D

Acq: 17 May 2021 13:59

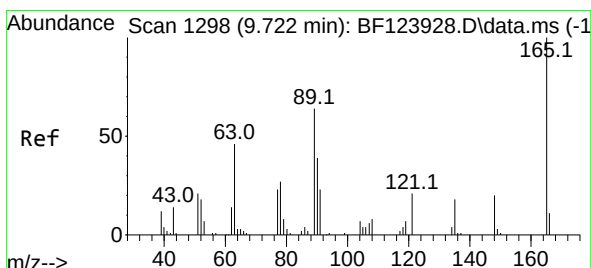
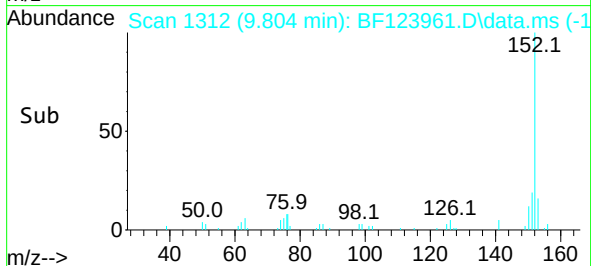
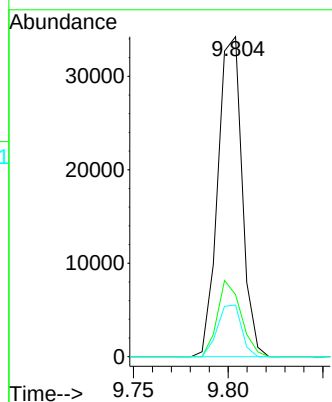
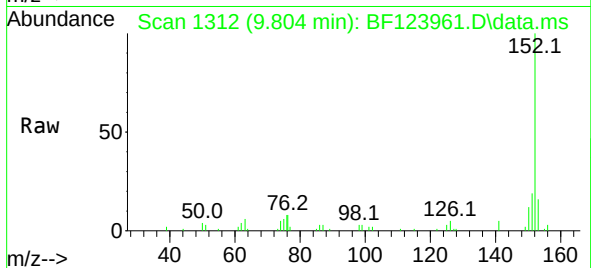
Tgt Ion:	152	Resp:	30467
Ion Ratio	Lower	Upper	
152	100		
151	19.4	16.0	24.0
153	16.1	10.4	15.6#

Instrument :

BNA_F

ClientSampleId :

KTW-01DL



#51

2,6-Dinitrotoluene

Concen: 8.34 ng

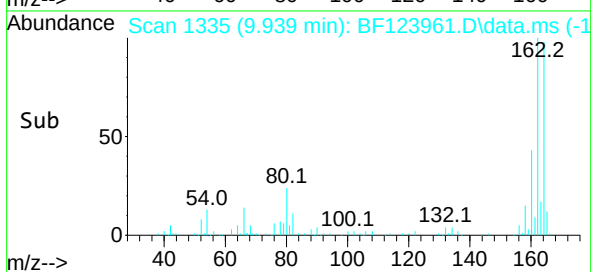
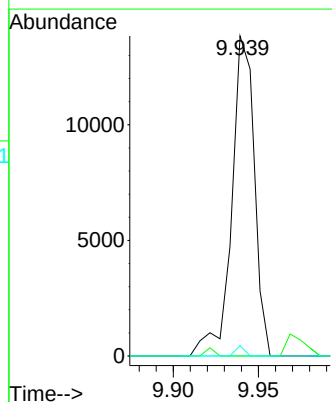
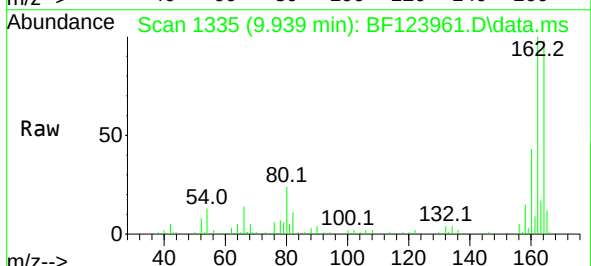
RT: 9.939 min Scan# 1335

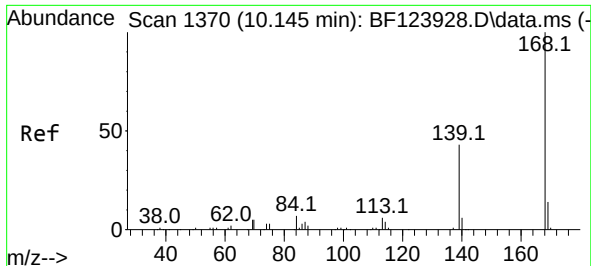
Delta R.T. 0.218 min

Lab File: BF123961.D

Acq: 17 May 2021 13:59

Tgt Ion:	165	Resp:	12773
Ion Ratio	Lower	Upper	
165	100		
63	0.0	67.7	101.5#
89	3.2	58.8	88.2#

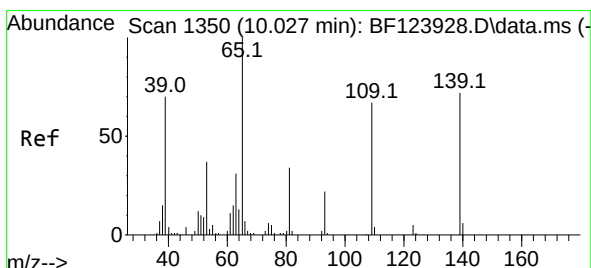
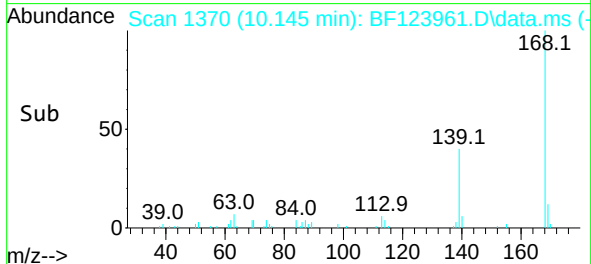
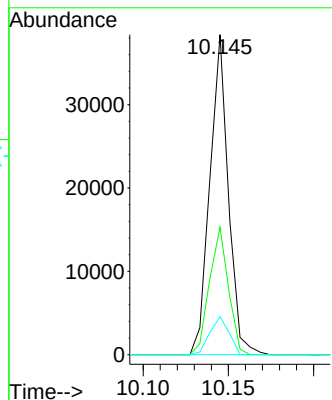
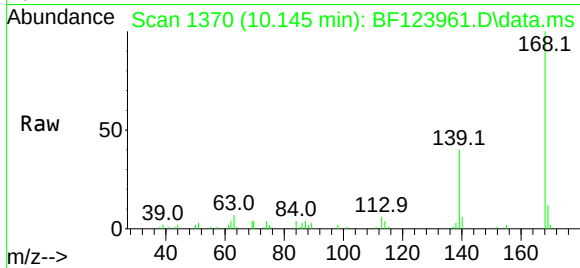




#55
Dibenzofuran
Concen: 3.01 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

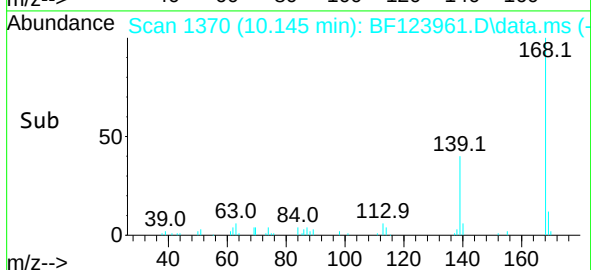
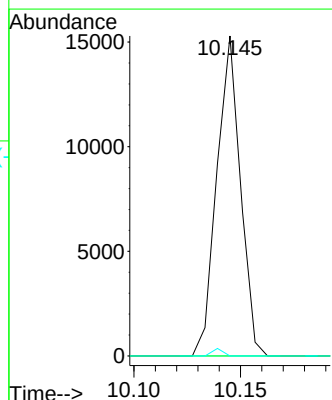
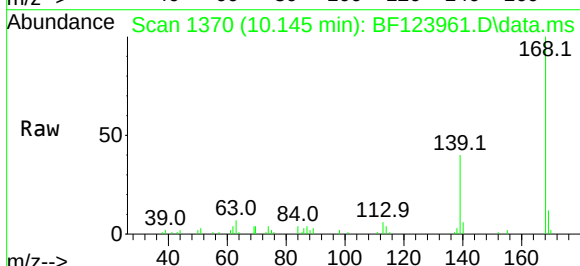
Instrument :
BNA_F
ClientSampleID :
KTW-01DL

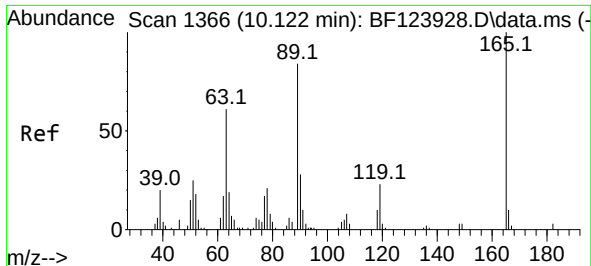
Tgt Ion:168 Resp: 28960
Ion Ratio Lower Upper
168 100
139 39.8 33.2 49.8
169 11.9 10.8 16.2



#56
4-Nitrophenol
Concen: 9.35 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.118 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

Tgt Ion:139 Resp: 11769
Ion Ratio Lower Upper
139 100
109 0.0 63.2 103.2#
65 0.0 110.0 150.0#

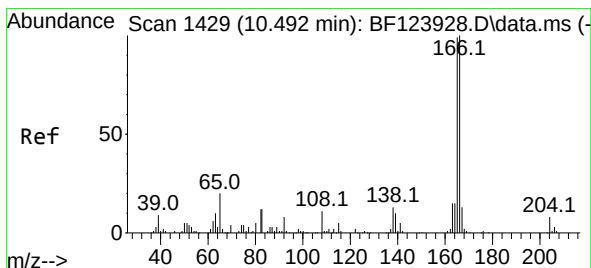
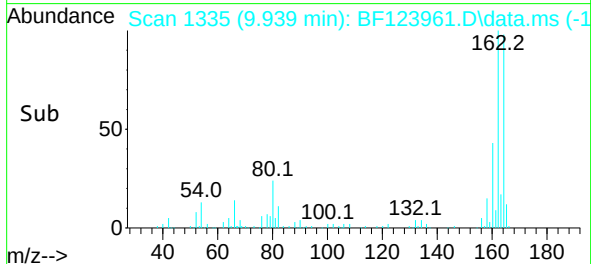
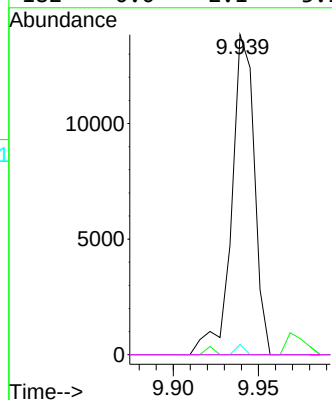
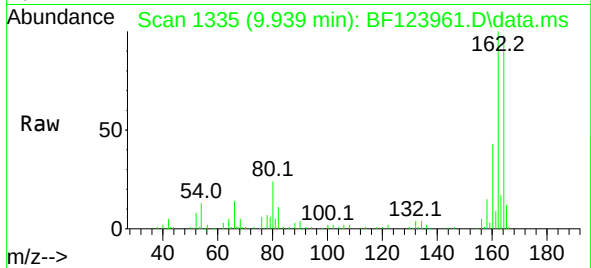




#57
2,4-Dinitrotoluene
Concen: 6.80 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.182 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

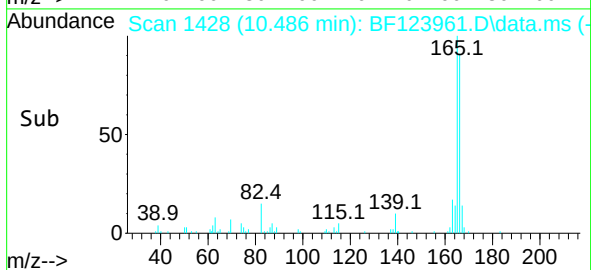
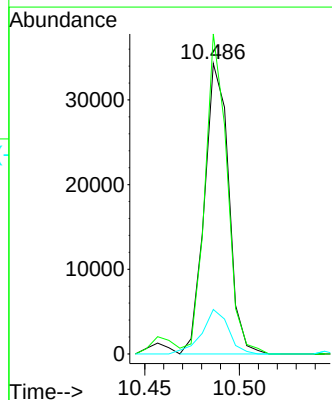
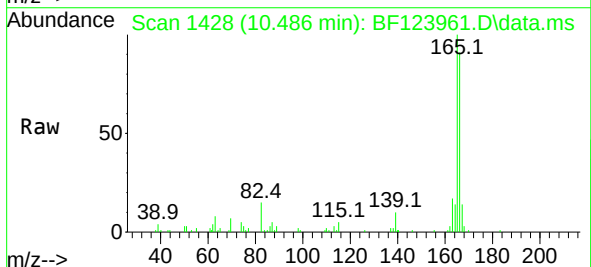
Instrument :
BNA_F
ClientSampled :
KTW-01DL

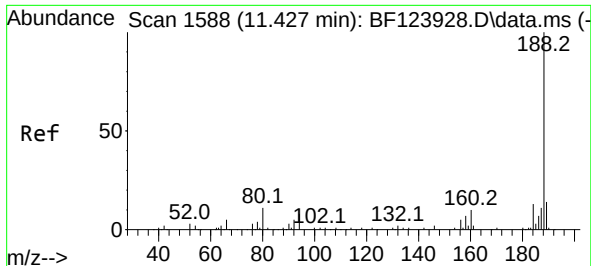
Tgt Ion:	165	Resp:	12773
Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	3.2	67.7	101.5#
182	0.0	2.1	3.1#



#58
Fluorene
Concen: 4.21 ng
RT: 10.486 min Scan# 1428
Delta R.T. -0.006 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

Tgt Ion:	166	Resp:	30536
Ion	Ratio	Lower	Upper
166	100		
165	110.2	73.5	110.3
167	15.3	10.7	16.1

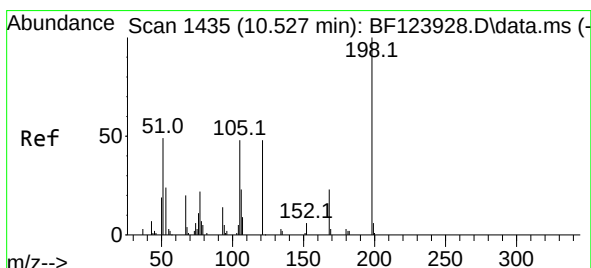
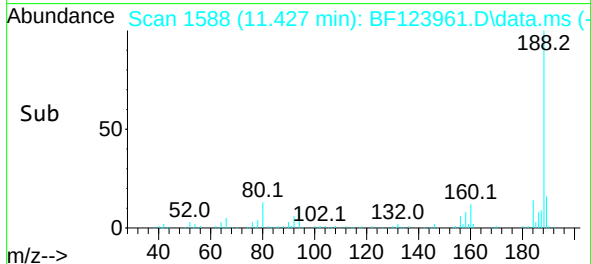
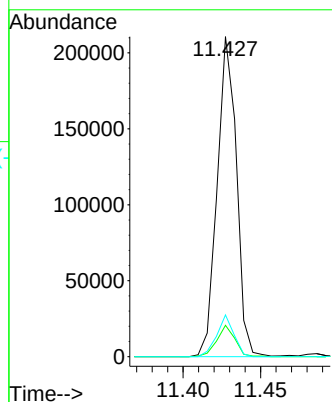
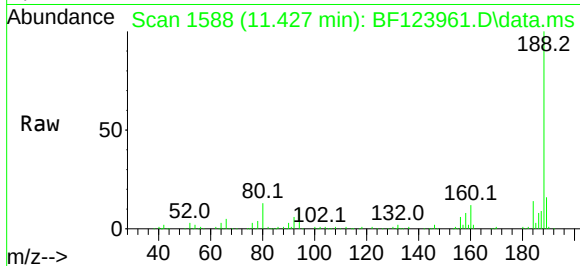




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

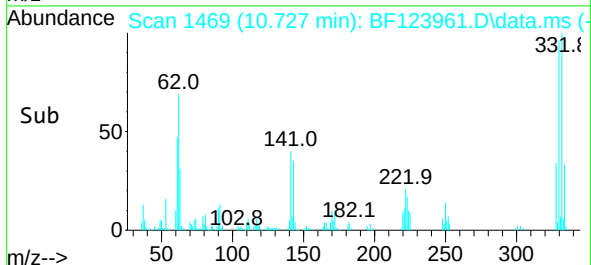
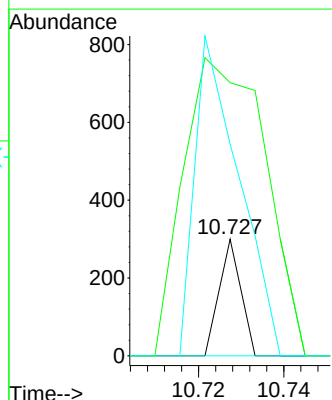
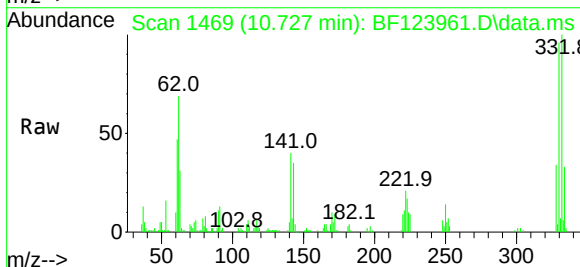
Instrument :
BNA_F
ClientSampleID :
KTW-01DL

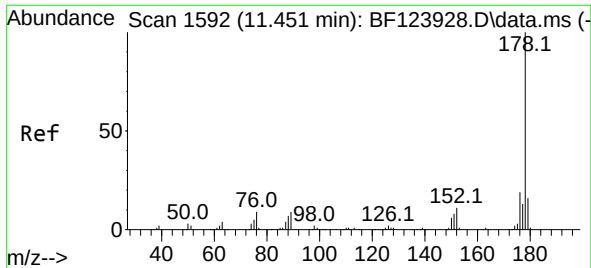
Tgt Ion:188 Resp: 182280
Ion Ratio Lower Upper
188 100
94 9.8 6.9 10.3
80 13.1 8.2 12.2#



#65
4,6-Dinitro-2-methylphenol
Concen: 5.52 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.200 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

Tgt Ion:198 Resp: 106
Ion Ratio Lower Upper
198 100
51 234.0 64.8 104.8#
105 181.3 42.6 82.6#

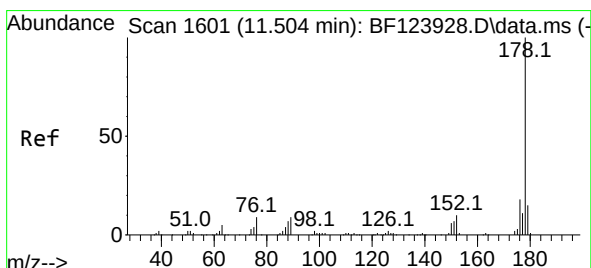
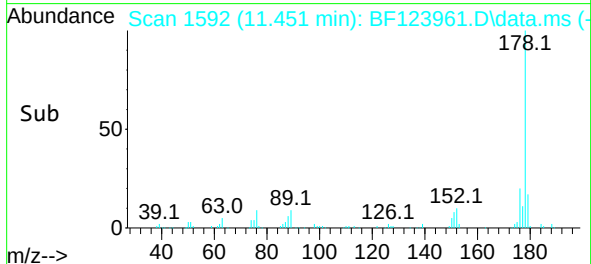
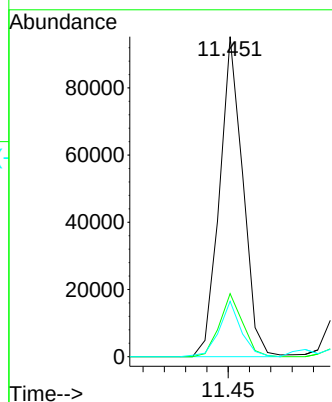
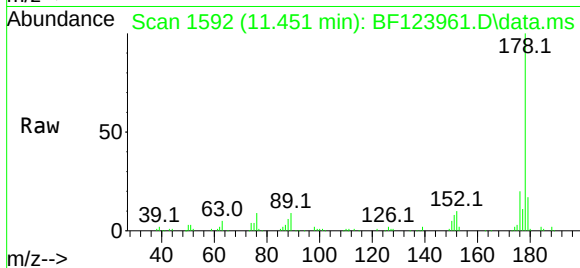




#71
Phenanthrene
Concen: 6.27 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.000 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

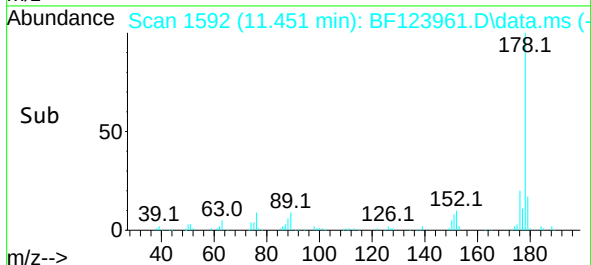
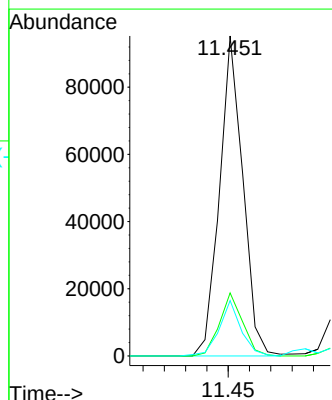
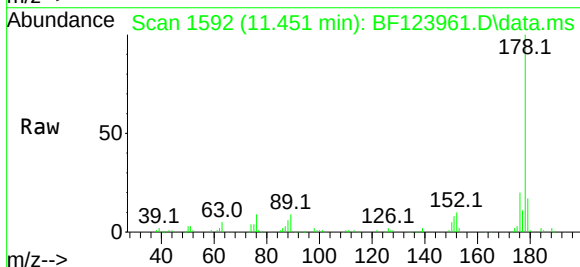
Instrument :
BNA_F
ClientSampleId :
KTW-01DL

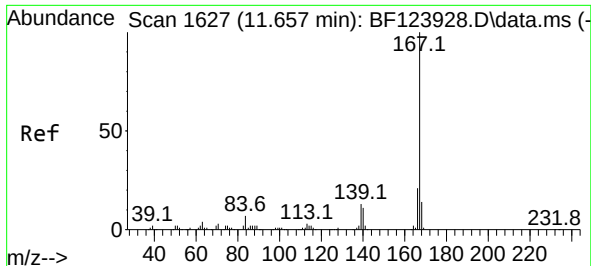
Tgt Ion:178 Resp: 72480
Ion Ratio Lower Upper
178 100
176 19.7 15.6 23.4
179 17.3 12.5 18.7



#72
Anthracene
Concen: 6.19 ng
RT: 11.451 min Scan# 1592
Delta R.T. -0.053 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

Tgt Ion:178 Resp: 72480
Ion Ratio Lower Upper
178 100
176 19.7 15.4 23.0
179 17.3 12.6 18.8

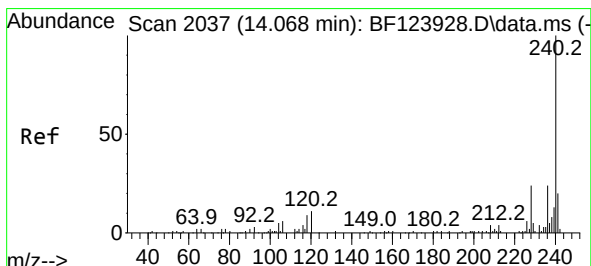
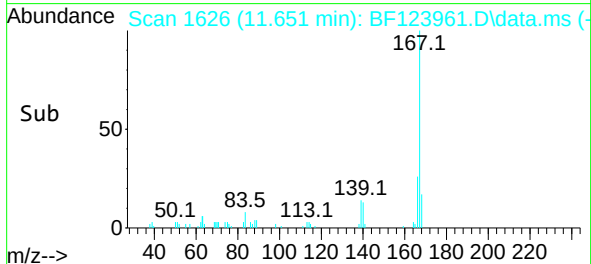
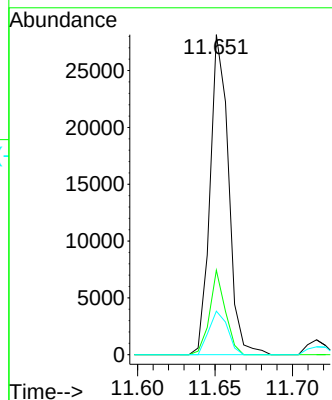
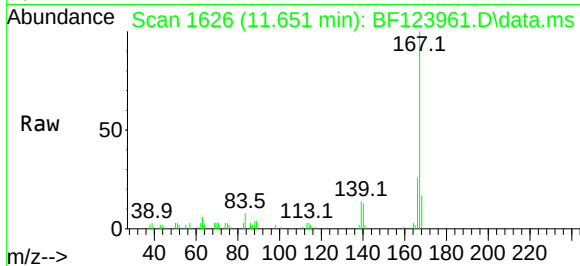




#73
Carbazole
Concen: 2.27 ng
RT: 11.651 min Scan# 1626
Delta R.T. -0.006 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

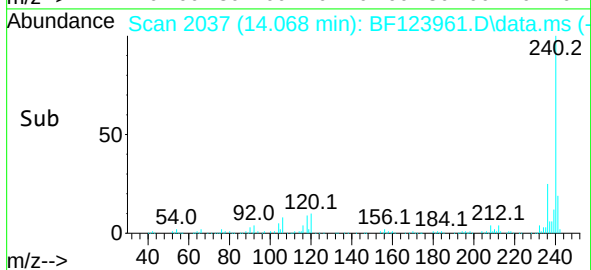
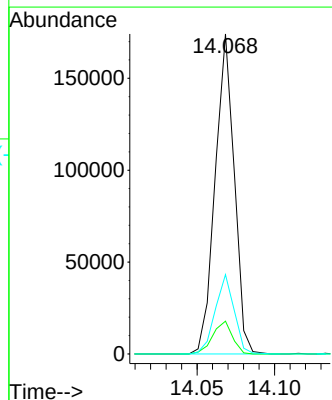
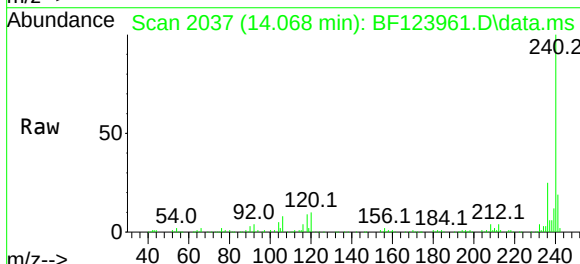
Instrument :
BNA_F
ClientSampleId :
KTW-01DL

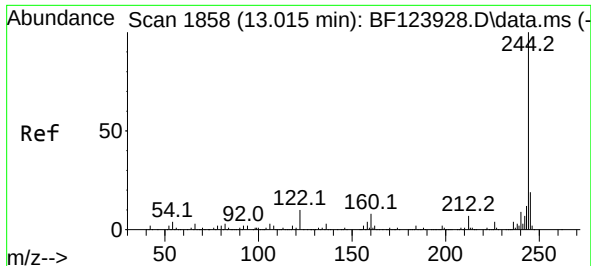
Tgt Ion:167 Resp: 23284
Ion Ratio Lower Upper
167 100
166 26.4 17.0 25.6#
139 13.6 10.4 15.6



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

Tgt Ion:240 Resp: 149379
Ion Ratio Lower Upper
240 100
120 10.2 7.2 10.8
236 24.8 19.0 28.4

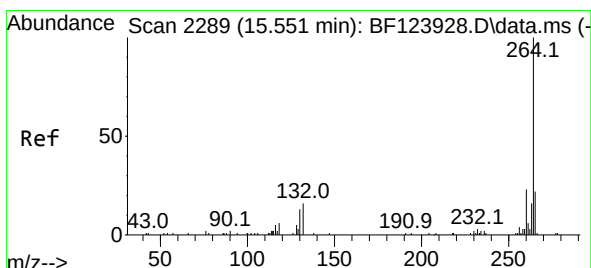
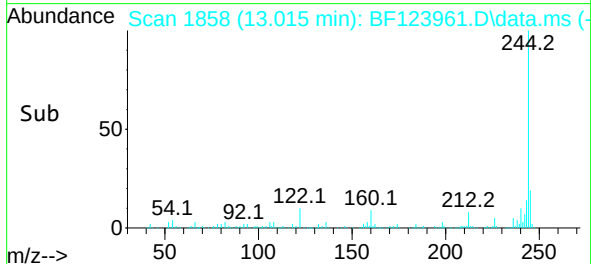
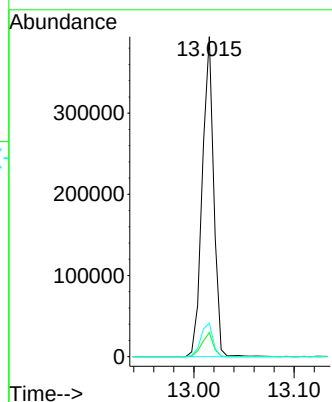
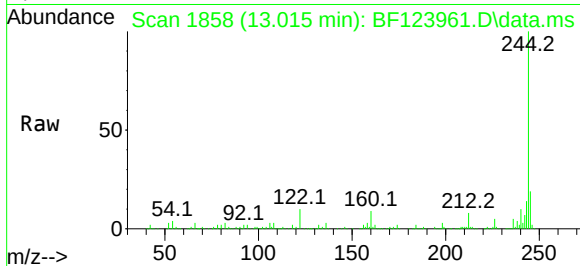




#79
Terphenyl-d14
Concen: 31.84 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

Instrument :
BNA_F
ClientSampleId :
KTW-01DL

Tgt Ion:244 Resp: 314003
Ion Ratio Lower Upper
244 100
212 7.5 5.7 8.5
122 10.4 9.7 14.5



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

Tgt Ion:264 Resp: 131586
Ion Ratio Lower Upper
264 100
260 23.0 18.7 28.1
265 20.3 17.8 26.8

