

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051521\
 Data File : BF123938.D
 Acq On : 15 May 2021 11:33
 Operator : JU/CG
 Sample : M2383-11
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KTW-03

Quant Time: May 16 05:18:09 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)

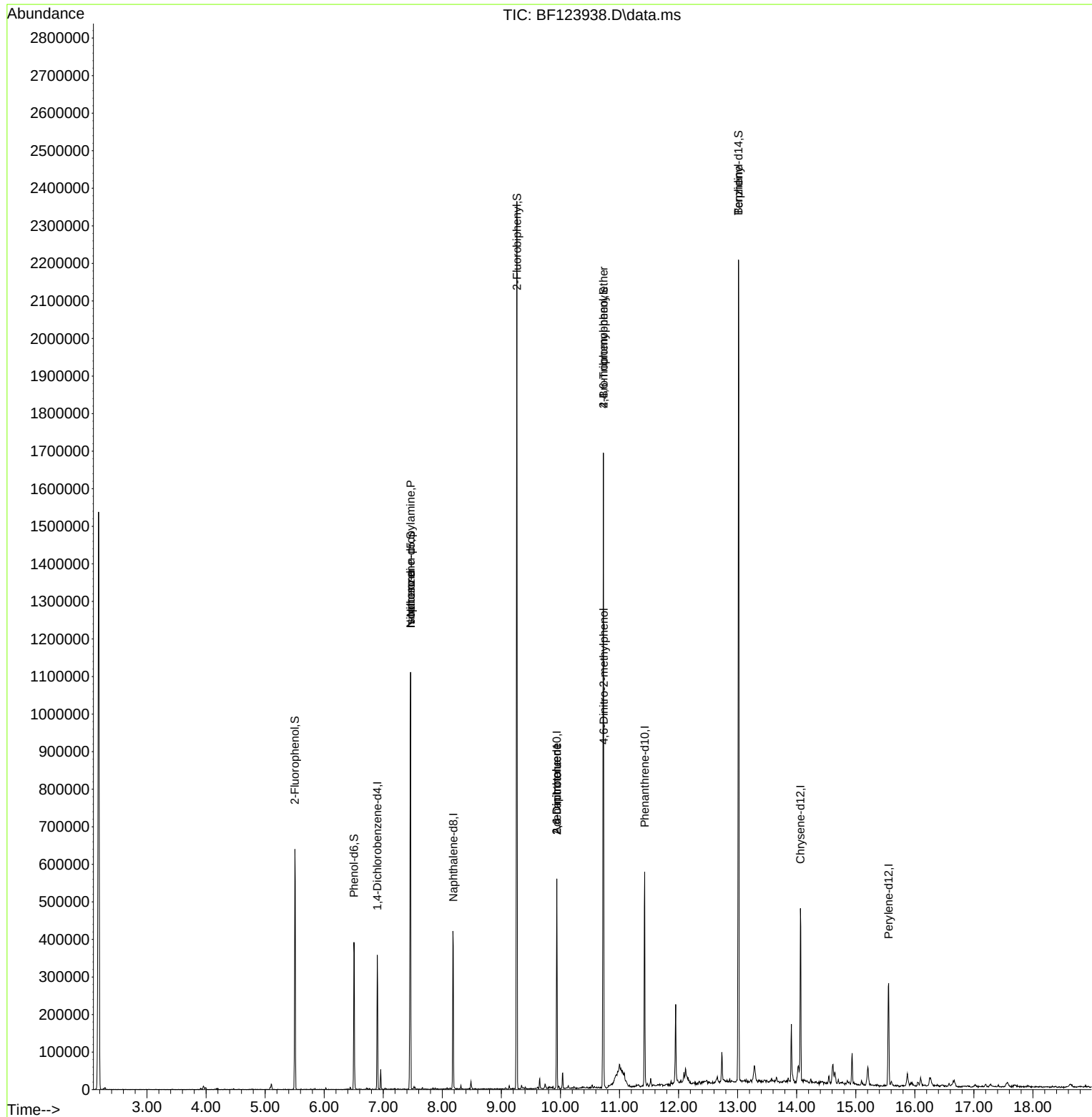
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.898	152	40821	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	163309	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	92506	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	181404	20.00	ng	0.00
76) Chrysene-d12	14.062	240	148849	20.00	ng	0.00
86) Perylene-d12	15.556	264	118585	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	137839	47.41	ng	0.00
7) Phenol-d6	6.504	99	101088	26.80	ng	-0.02
23) Nitrobenzene-d5	7.463	82	317424	83.75	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	161750	145.58	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	603661	80.30	ng	0.00
79) Terphenyl-d14	13.015	244	684611	69.66	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.463	70	46470	18.23	ng	Qvalue # 72
25) Isophorone	7.463	82	317251	43.51	ng	# 69
51) 2,6-Dinitrotoluene	9.939	165	11735	7.86	ng	# 11
57) 2,4-Dinitrotoluene	9.939	165	11735	6.41	ng	# 17
65) 4,6-Dinitro-2-methylph...	10.733	198	772	6.02	ng	94
67) 4-Bromophenyl-phenylether	10.727	248	11688	4.90	ng	# 1
77) Benzidine	13.015	184	11833	3.29	ng	98

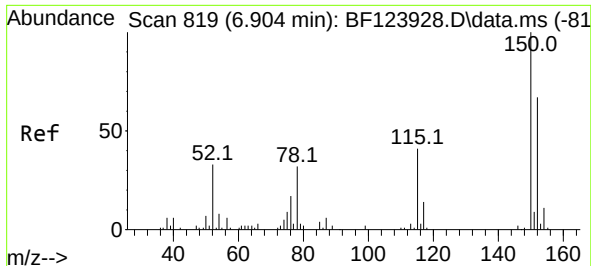
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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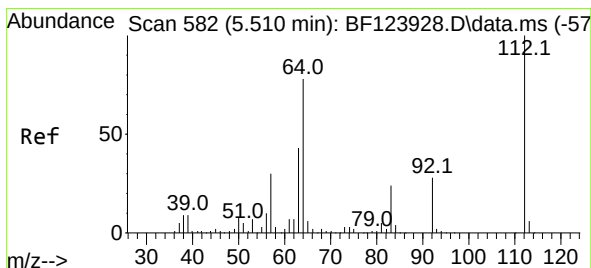
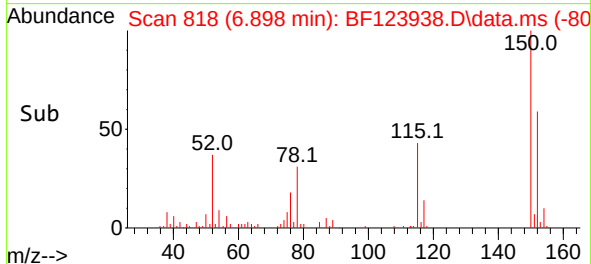
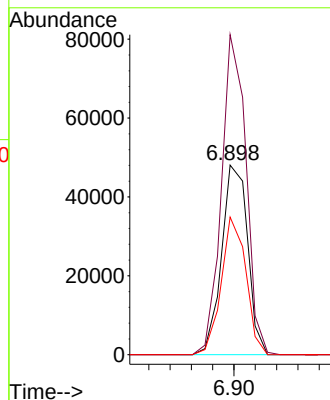
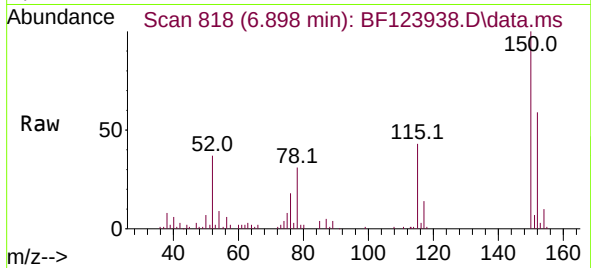




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.898 min Scan# 818
Delta R.T. -0.006 min
Lab File: BF123938.D
Acq: 15 May 2021 11:33

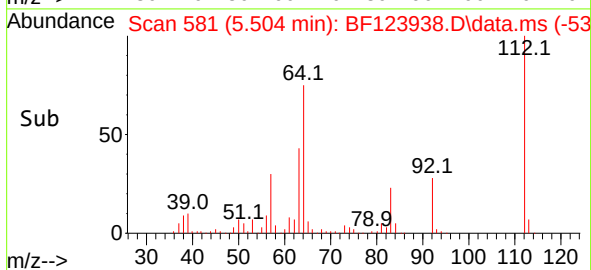
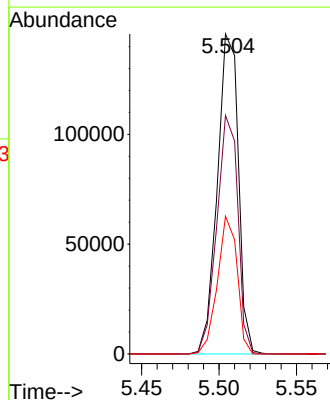
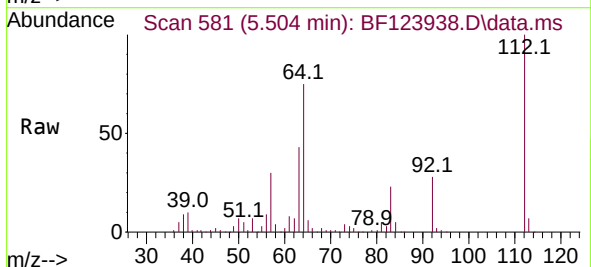
Instrument :
BNA_F
ClientSampleId :
KTW-03

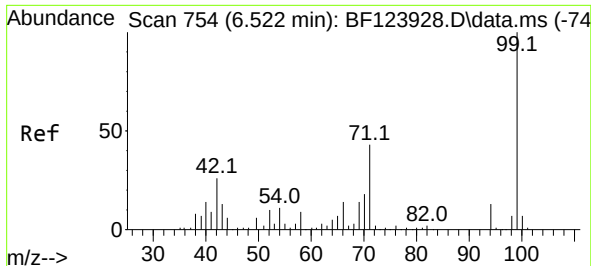
Tgt Ion:152 Resp: 40821
Ion Ratio Lower Upper
152 100
150 168.8 127.0 190.6
115 72.6 54.3 81.5



#5
2-Fluorophenol
Concen: 47.41 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF123938.D
Acq: 15 May 2021 11:33

Tgt Ion:112 Resp: 137839
Ion Ratio Lower Upper
112 100
64 74.5 61.4 92.0
63 43.1 33.0 49.4

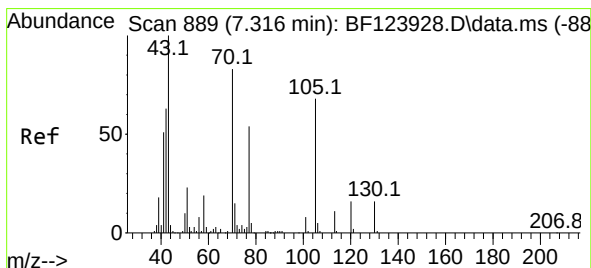
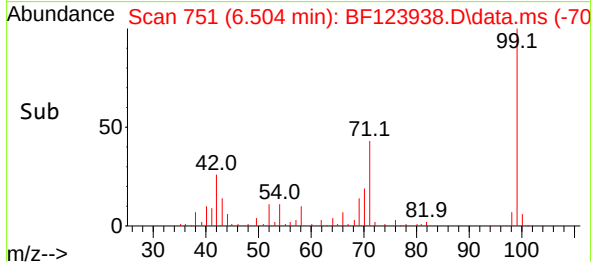
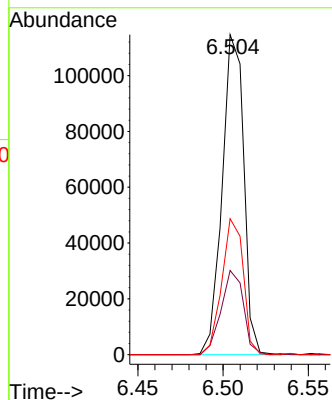
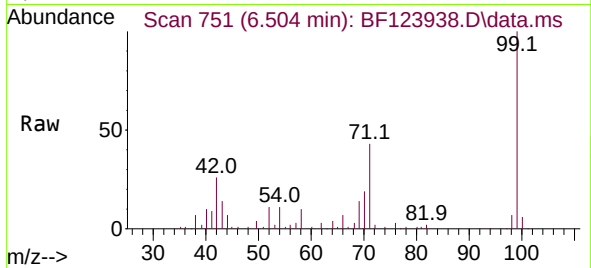




#7
Phenol-d6
Concen: 26.80 ng
RT: 6.504 min Scan# 751
Delta R.T. -0.018 min
Lab File: BF123938.D
Acq: 15 May 2021 11:33

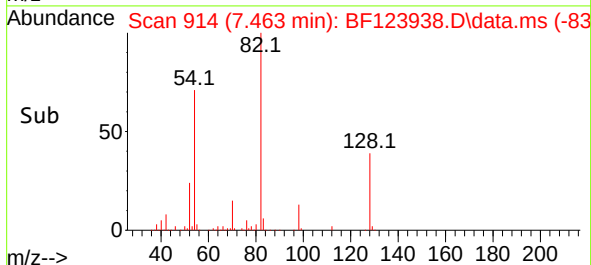
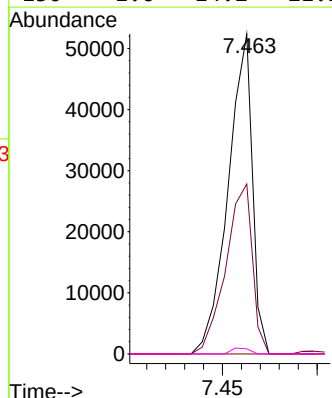
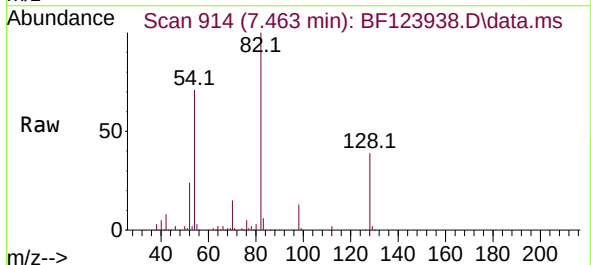
Instrument :
BNA_F
ClientSampleId :
KTW-03

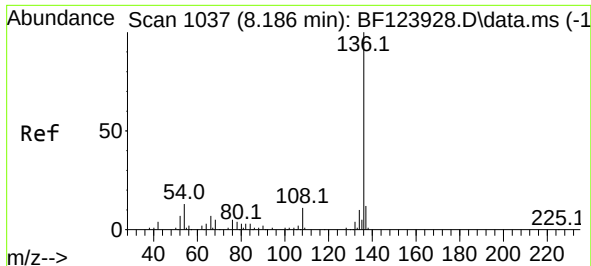
Tgt Ion: 99 Resp: 101088
Ion Ratio Lower Upper
99 100
42 26.3 19.8 29.8
71 42.5 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 18.23 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123938.D
Acq: 15 May 2021 11:33

Tgt Ion: 70 Resp: 46470
Ion Ratio Lower Upper
70 100
42 53.1 60.1 90.1#
101 0.0 7.4 11.2#
130 1.6 14.2 21.2#

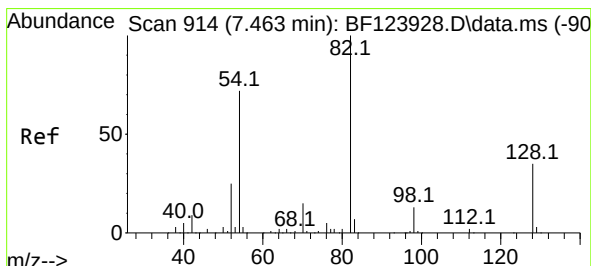
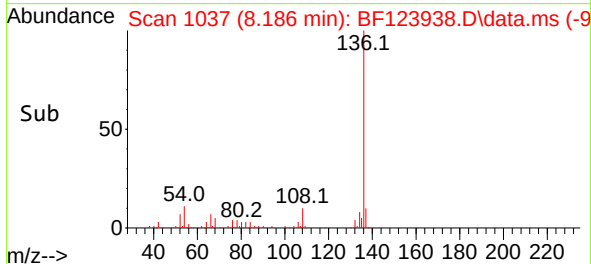
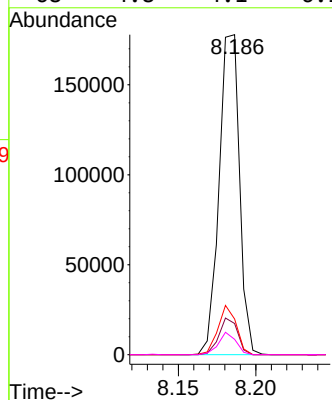
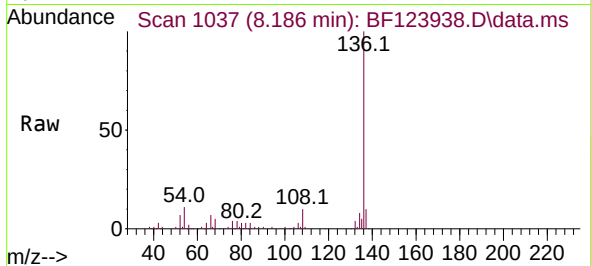




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123938.D
Acq: 15 May 2021 11:33

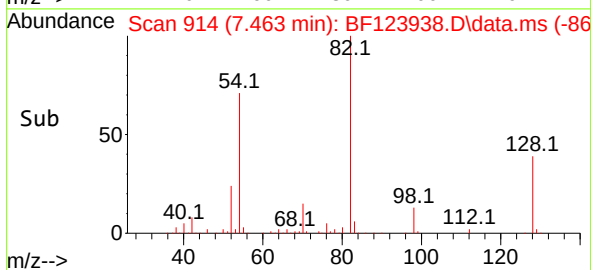
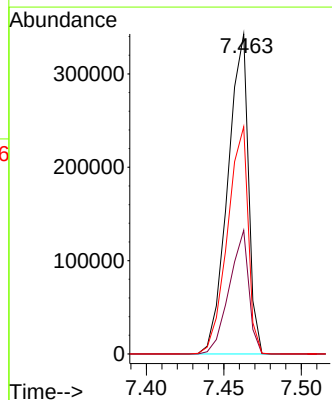
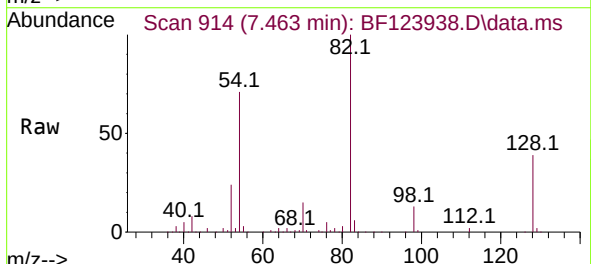
Instrument :
BNA_F
ClientSampled :
KTW-03

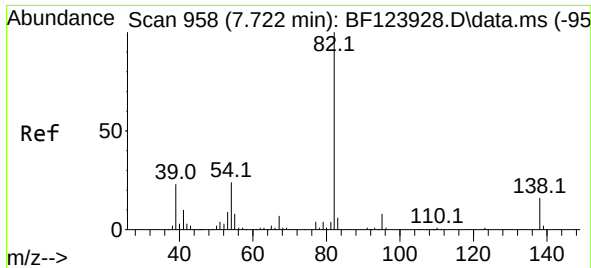
Tgt Ion:	136	Resp:	163309
Ion	Ratio	Lower	Upper
136	100		
137	9.8	8.7	13.1
54	11.2	9.8	14.6
68	4.8	4.1	6.1



#23
Nitrobenzene-d5
Concen: 83.75 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF123938.D
Acq: 15 May 2021 11:33

Tgt Ion:	82	Resp:	317424
Ion	Ratio	Lower	Upper
82	100		
128	38.6	29.4	44.2
54	71.0	54.1	81.1

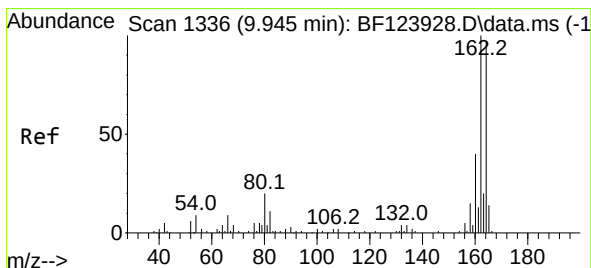
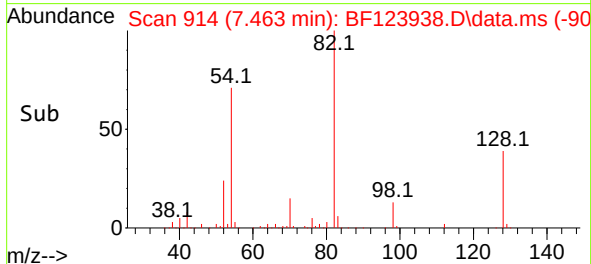
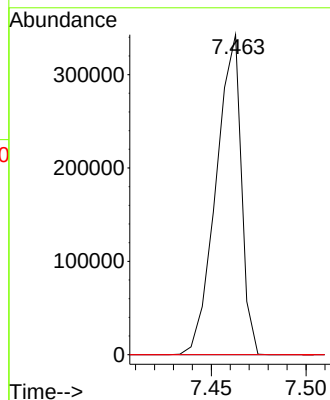
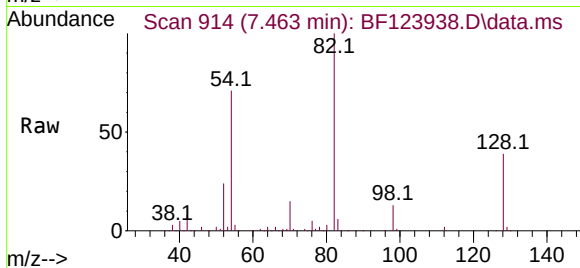




#25
Isophorone
Concen: 43.51 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123938.D
Acq: 15 May 2021 11:33

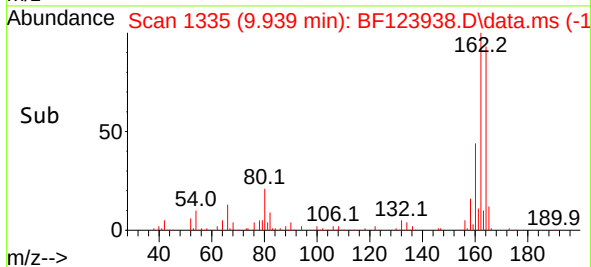
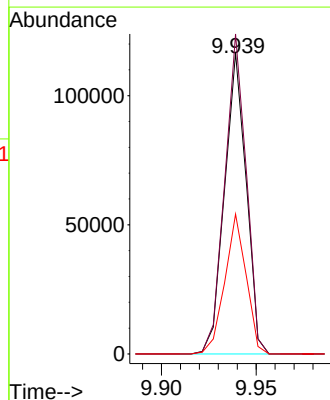
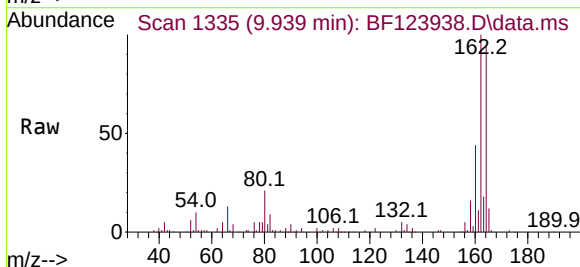
Instrument :
BNA_F
ClientSampleId :
KTW-03

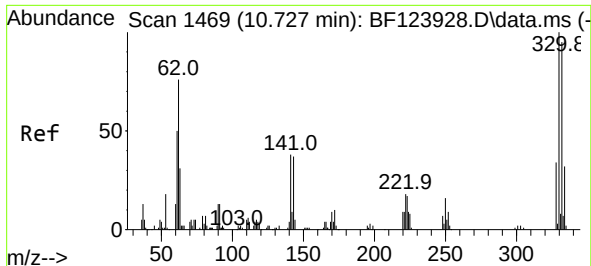
Tgt Ion: 82 Resp: 317251
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123938.D
Acq: 15 May 2021 11:33

Tgt Ion:164 Resp: 92506
Ion Ratio Lower Upper
164 100
162 106.2 80.7 121.1
160 46.4 37.3 55.9

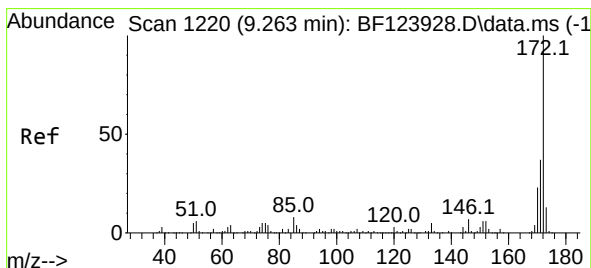
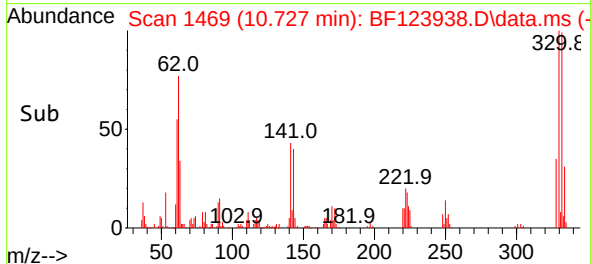
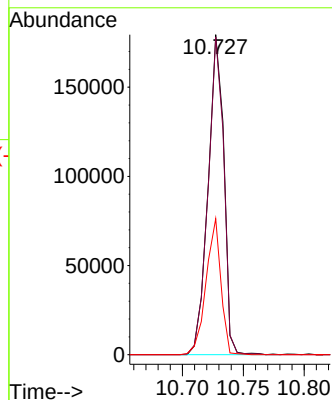
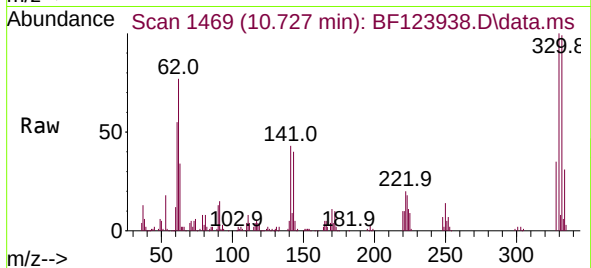




#42
2,4,6-Tribromophenol
Concen: 145.58 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF123938.D
Acq: 15 May 2021 11:33

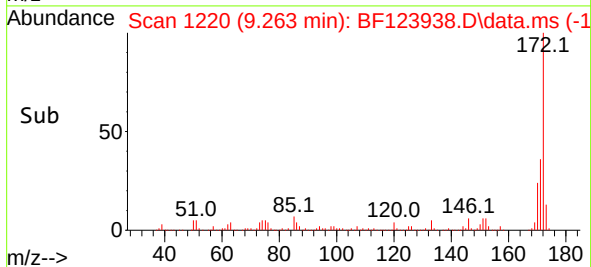
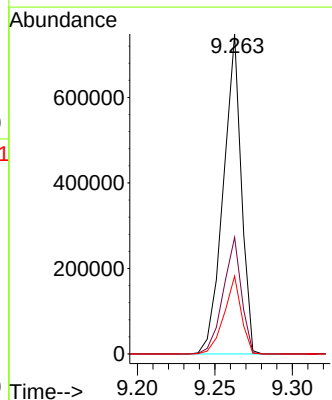
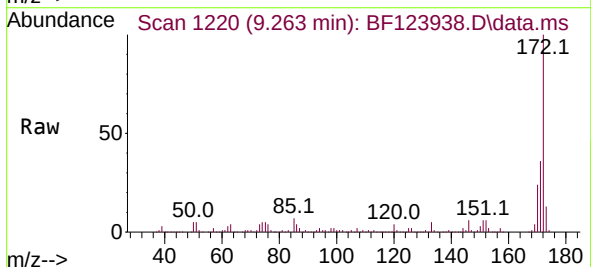
Instrument :
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ClientSampleId :
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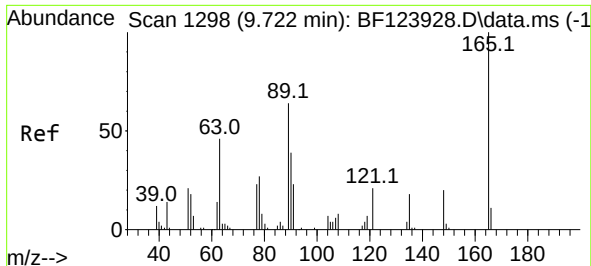
Tgt Ion:330 Resp: 161750
Ion Ratio Lower Upper
330 100
332 98.7 77.1 115.7
141 39.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 80.30 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123938.D
Acq: 15 May 2021 11:33

Tgt Ion:172 Resp: 603661
Ion Ratio Lower Upper
172 100
171 36.5 28.1 42.1
170 24.4 19.2 28.8

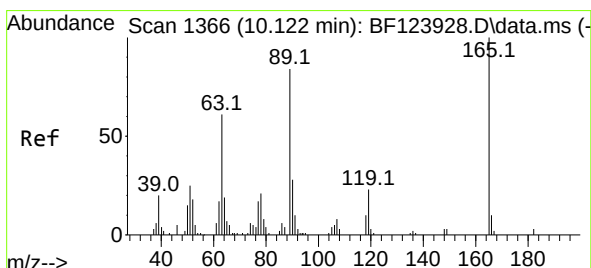
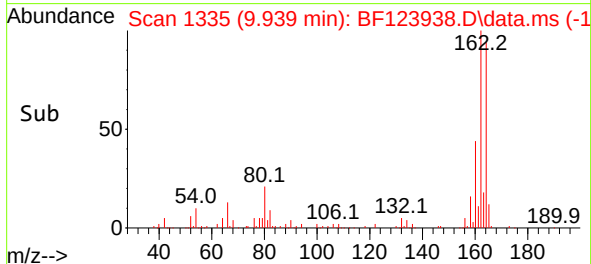
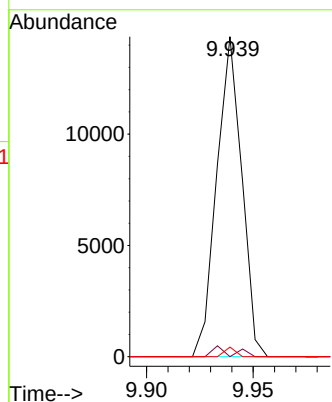
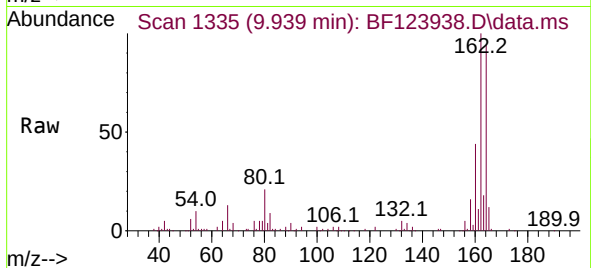




#51
2,6-Dinitrotoluene
Concen: 7.86 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.218 min
Lab File: BF123938.D
Acq: 15 May 2021 11:33

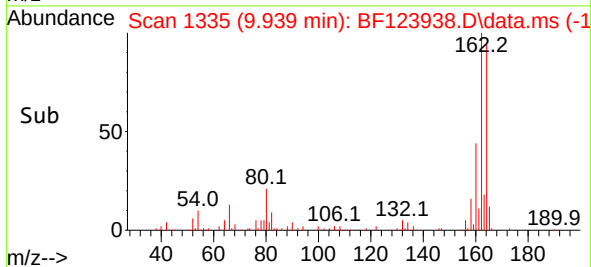
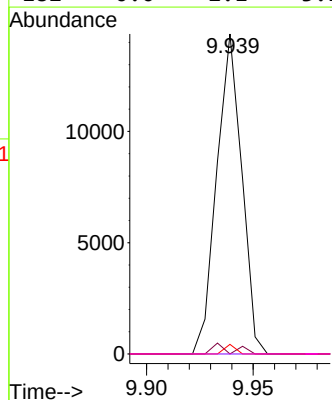
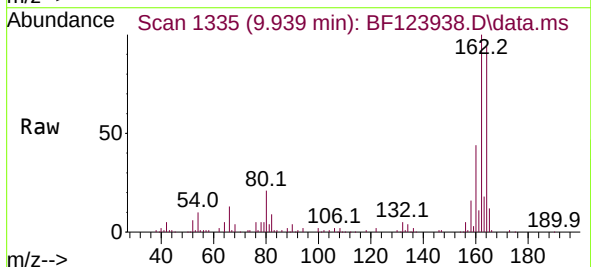
Instrument :
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KTW-03

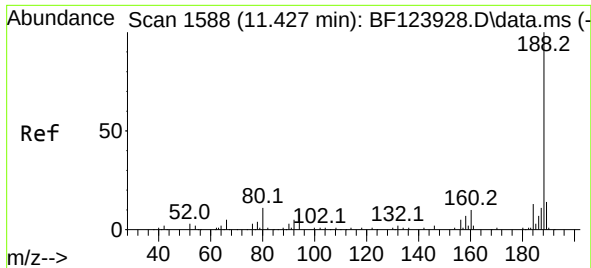
Tgt Ion:165 Resp: 11735
Ion Ratio Lower Upper
165 100
63 0.0 67.7 101.5#
89 3.0 58.8 88.2#



#57
2,4-Dinitrotoluene
Concen: 6.41 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.182 min
Lab File: BF123938.D
Acq: 15 May 2021 11:33

Tgt Ion:165 Resp: 11735
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 3.0 67.7 101.5#
182 0.0 2.1 3.1#

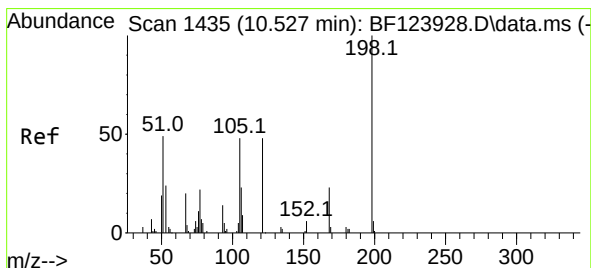
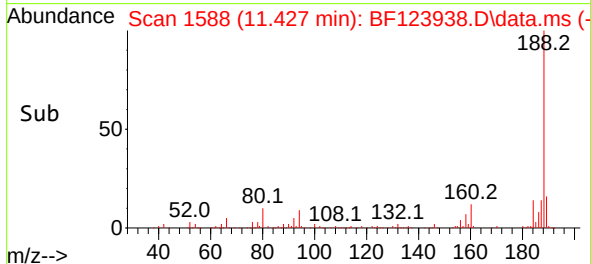
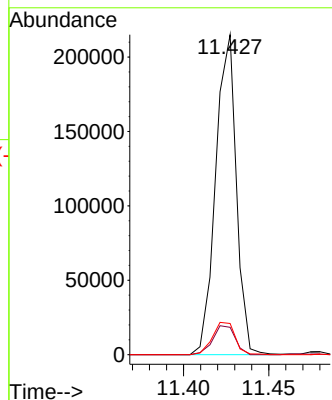
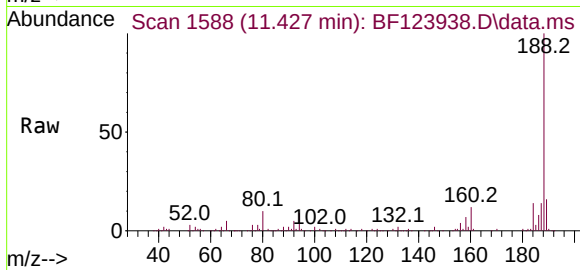




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123938.D
Acq: 15 May 2021 11:33

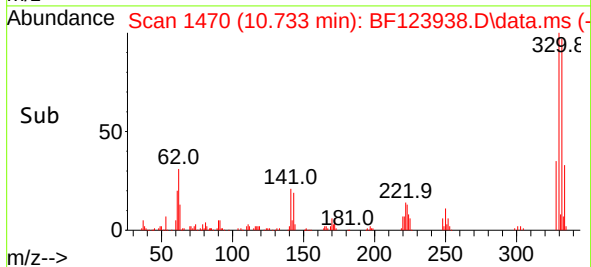
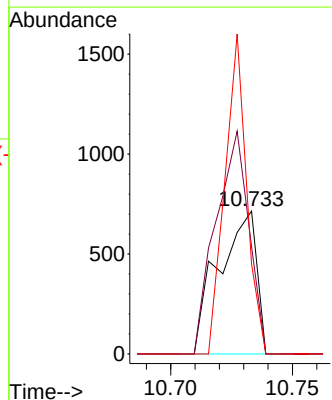
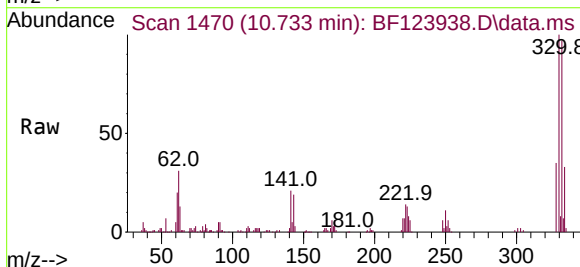
Instrument :
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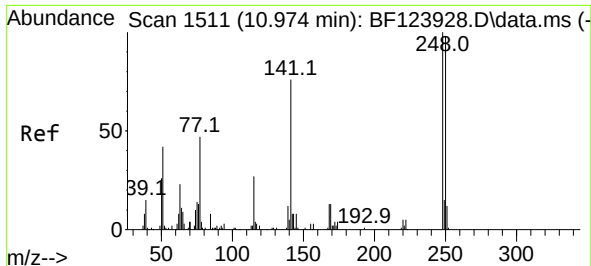
Tgt Ion:188 Resp: 181404
Ion Ratio Lower Upper
188 100
94 8.5 6.9 10.3
80 9.8 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 6.02 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.206 min
Lab File: BF123938.D
Acq: 15 May 2021 11:33

Tgt Ion:198 Resp: 772
Ion Ratio Lower Upper
198 100
51 75.1 64.8 104.8
105 62.9 42.6 82.6

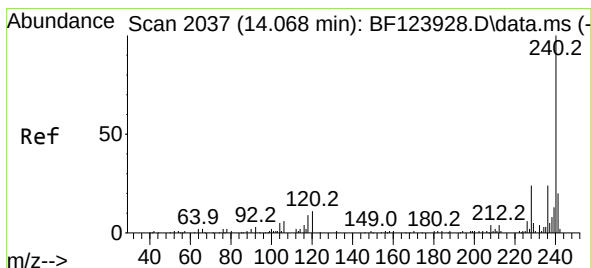
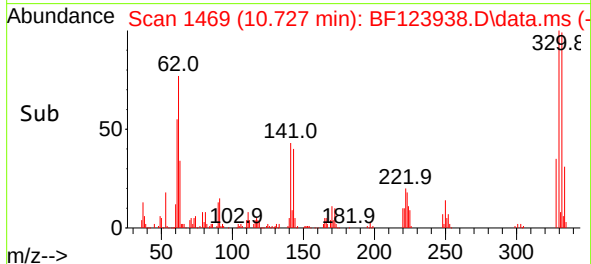
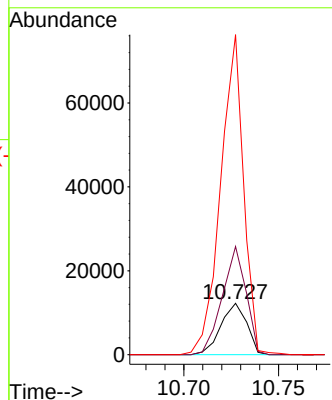
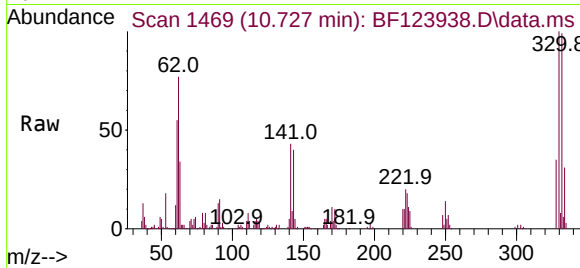




#67
4-Bromophenyl-phenylether
Concen: 4.90 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123938.D
Acq: 15 May 2021 11:33

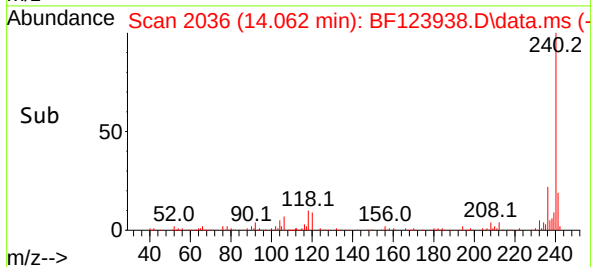
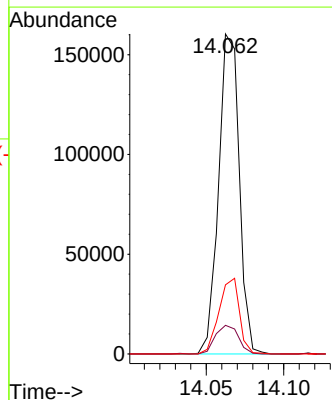
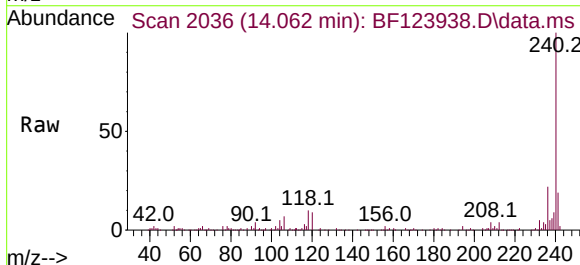
Instrument :
BNA_F
ClientSampled :
KTW-03

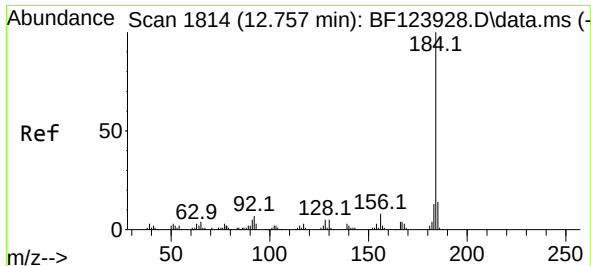
Tgt Ion:248 Resp: 11688
Ion Ratio Lower Upper
248 100
250 210.8 77.4 116.2#
141 623.2 63.7 95.5#



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.062 min Scan# 2036
Delta R.T. -0.006 min
Lab File: BF123938.D
Acq: 15 May 2021 11:33

Tgt Ion:240 Resp: 148849
Ion Ratio Lower Upper
240 100
120 9.0 7.2 10.8
236 21.6 19.0 28.4

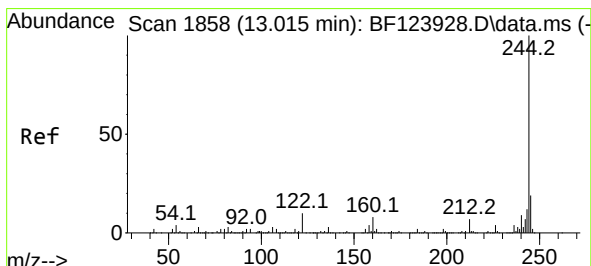
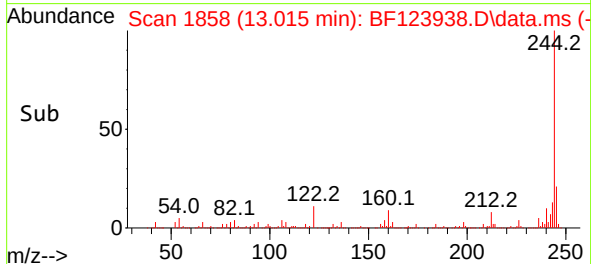
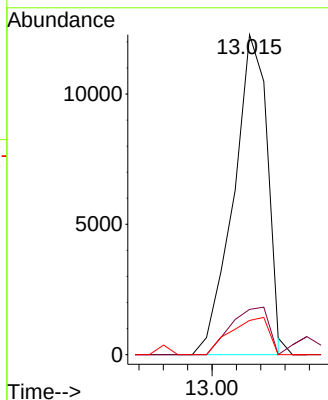
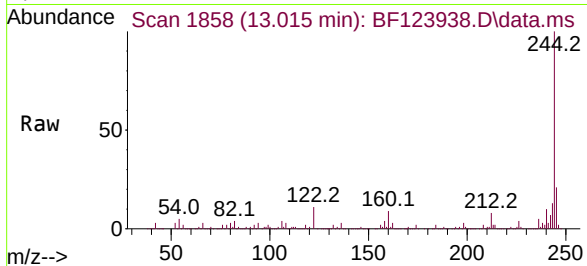




#77
Benzidine
Concen: 3.29 ng
RT: 13.015 min Scan# 1858
Delta R.T. 0.259 min
Lab File: BF123938.D
Acq: 15 May 2021 11:33

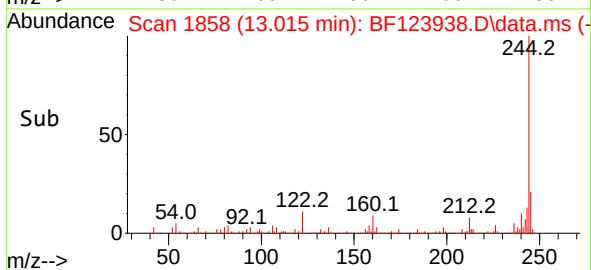
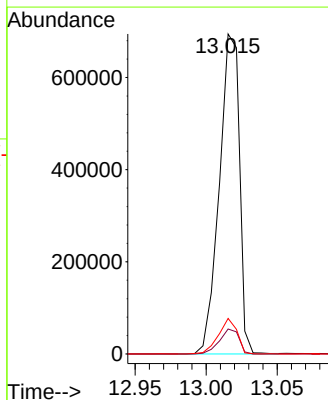
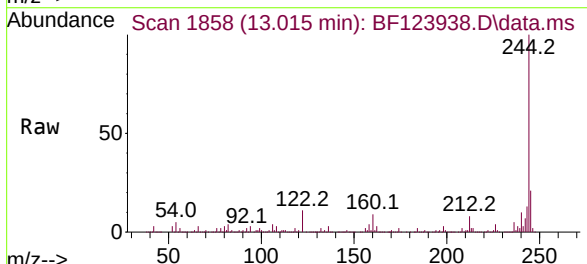
Instrument :
BNA_F
ClientSampled :
KTW-03

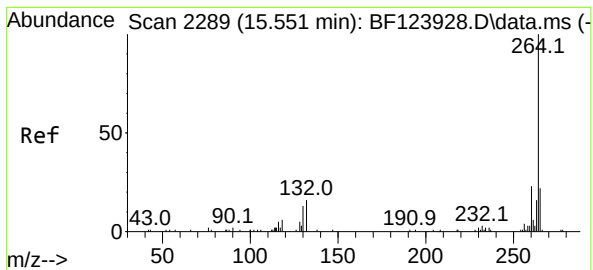
Tgt Ion:184 Resp: 11833
Ion Ratio Lower Upper
184 100
185 14.1 12.1 18.1
183 10.7 7.8 11.8



#79
Terphenyl-d14
Concen: 69.66 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BF123938.D
Acq: 15 May 2021 11:33

Tgt Ion:244 Resp: 684611
Ion Ratio Lower Upper
244 100
212 7.8 5.7 8.5
122 11.1 9.7 14.5





#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.556 min Scan# 2290
 Delta R.T. 0.006 min
 Lab File: BF123938.D
 Acq: 15 May 2021 11:33

Instrument :
 BNA_F
 ClientSampleId :
 KTW-03

Tgt Ion:264	Resp:	118585
Ion Ratio	Lower	Upper
264	100	
260	22.9	18.7 28.1
265	21.9	17.8 26.8

