

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
 Data File : BF123965.D
 Acq On : 17 May 2021 16:07
 Operator : JU/CG
 Sample : M2383-08DL 20X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 KTW-02DL

Quant Time: May 17 16:33:25 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)

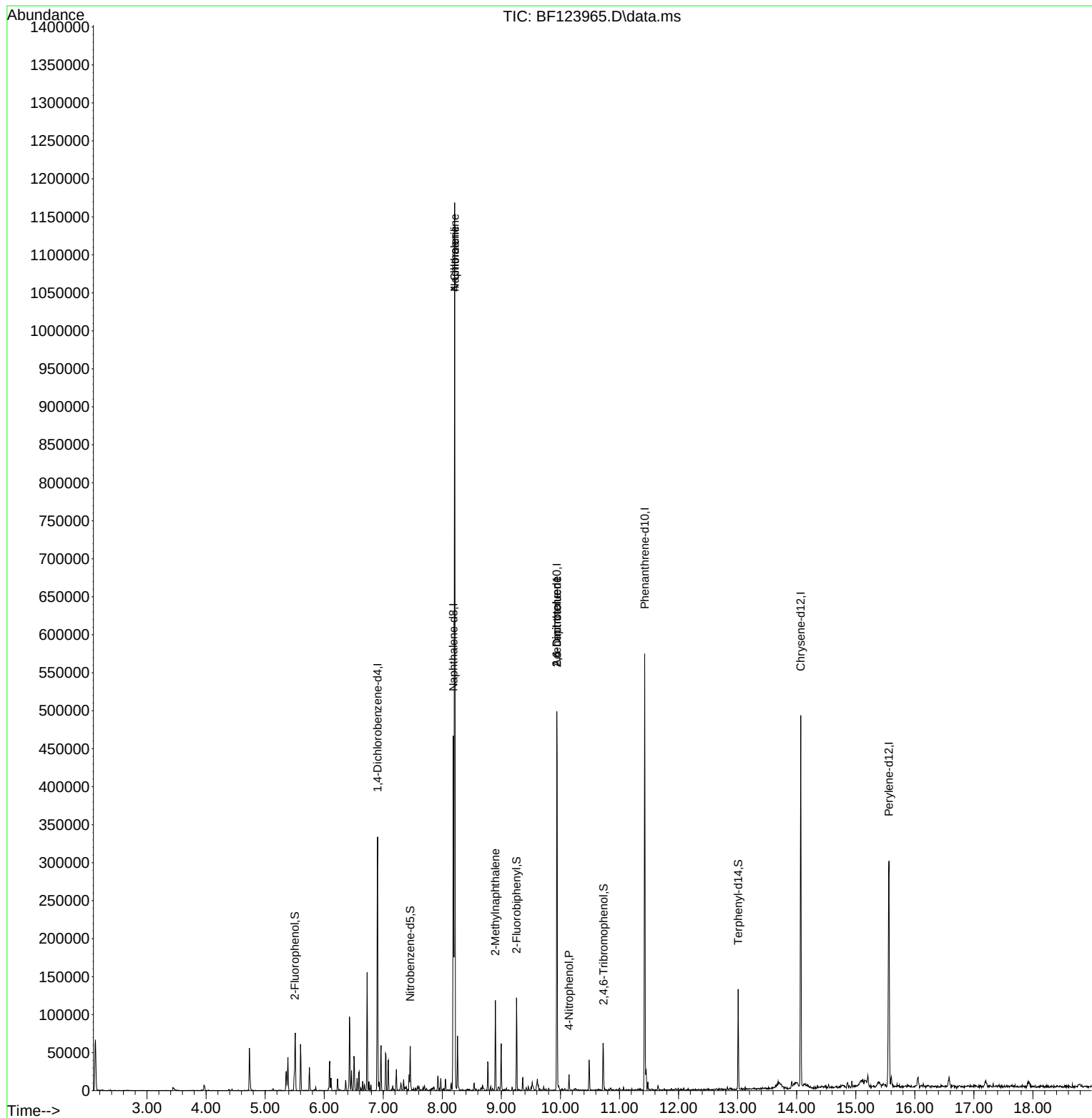
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	39522	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	155752	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	90935	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	174144	20.00	ng	0.00
76) Chrysene-d12	14.068	240	150627	20.00	ng	0.00
86) Perylene-d12	15.562	264	129895	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	5641	2.00	ng	0.00
7) Phenol-d6	6.510	99	4046	1.11	ng	-0.01
23) Nitrobenzene-d5	7.457	82	13234	3.66	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	6448	5.90	ng	0.00
45) 2-Fluorobiphenyl	9.257	172	28290	3.83	ng	0.00
79) Terphenyl-d14	13.010	244	33253	3.34	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.210	128	386059	41.88	ng	100
33) 4-Chloroaniline	8.210	127	52017	14.82	ng	# 31
37) 2-Methylnaphthalene	8.898	142	22465	3.60	ng	84
51) 2,6-Dinitrotoluene	9.939	165	11329	7.72	ng	# 14
56) 4-Nitrophenol	10.145	139	2958	2.45	ng	# 1
57) 2,4-Dinitrotoluene	9.939	165	11329	6.29	ng	# 20

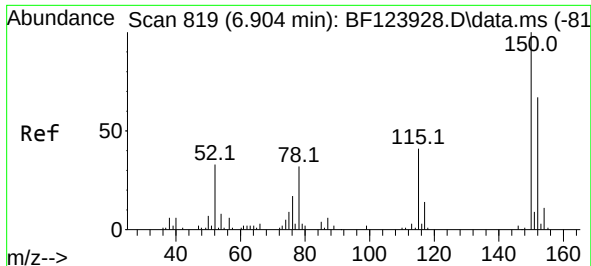
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
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Quant Time: May 17 16:33:25 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

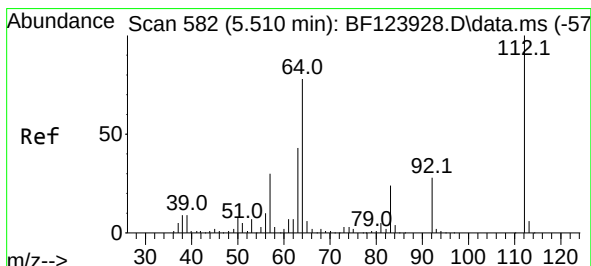
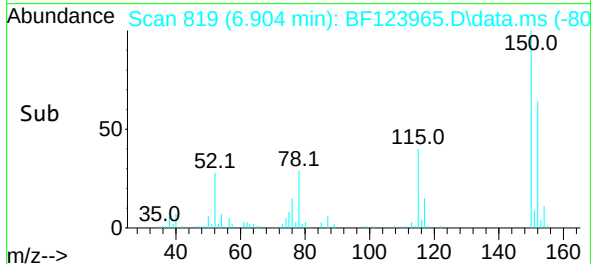
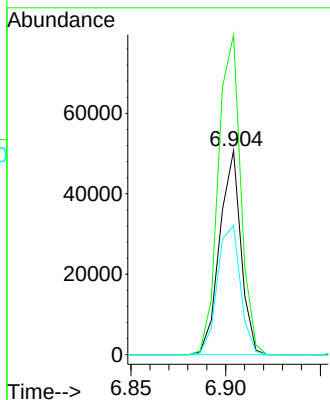
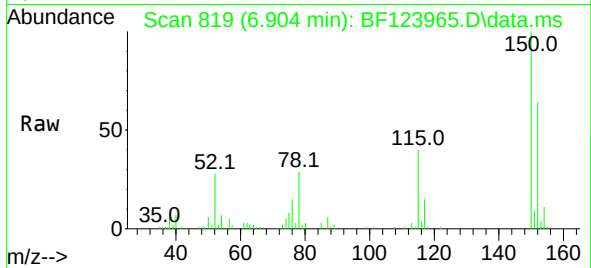




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123965.D
Acq: 17 May 2021 16:07

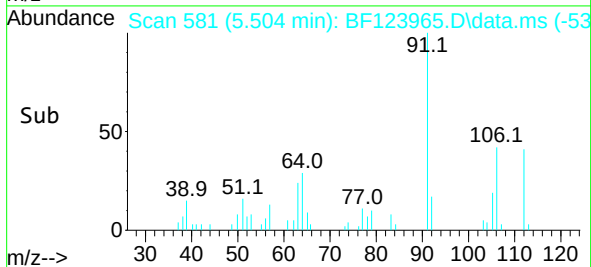
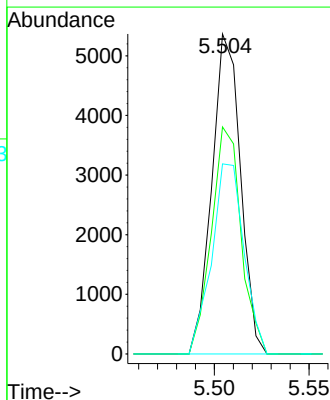
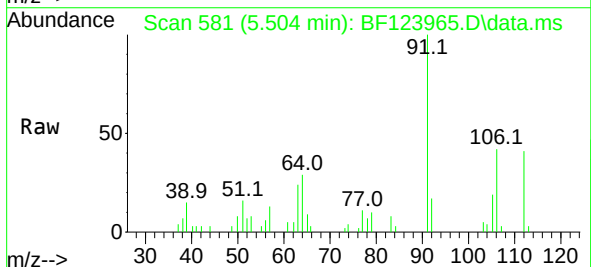
Instrument :
BNA_F
ClientSampleId :
KTW-02DL

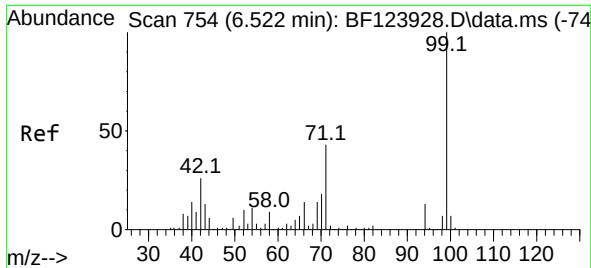
Tgt Ion:152 Resp: 39522
Ion Ratio Lower Upper
152 100
150 156.8 127.0 190.6
115 63.3 54.3 81.5



#5
2-Fluorophenol
Concen: 2.00 ng
RT: 5.504 min Scan# 581
Delta R.T. -0.006 min
Lab File: BF123965.D
Acq: 17 May 2021 16:07

Tgt Ion:112 Resp: 5641
Ion Ratio Lower Upper
112 100
64 71.0 61.4 92.0
63 59.4 33.0 49.4#

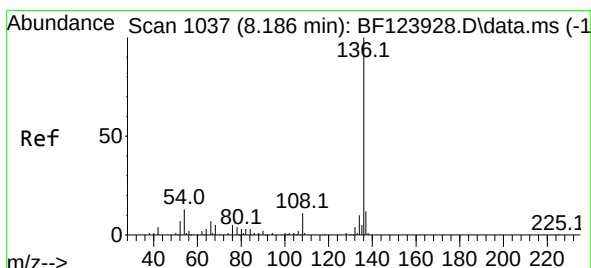
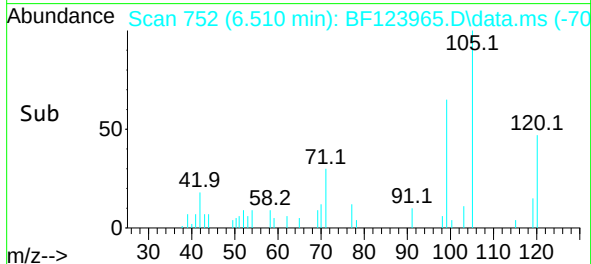
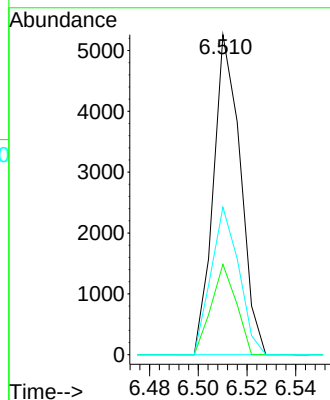
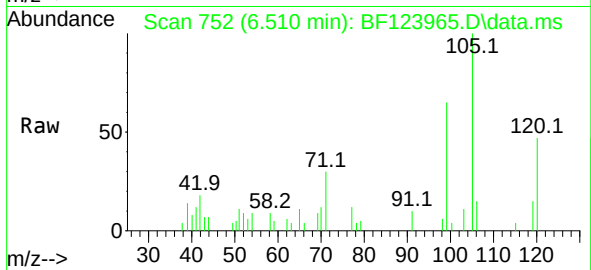




#7
Phenol-d6
Concen: 1.11 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF123965.D
Acq: 17 May 2021 16:07

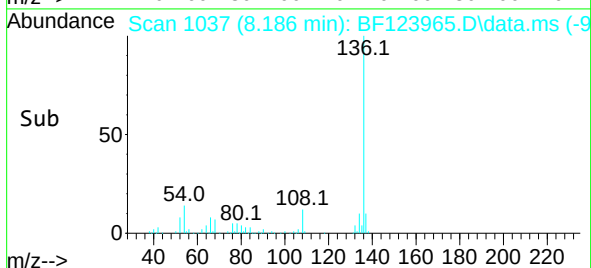
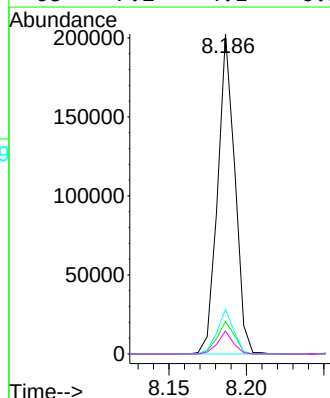
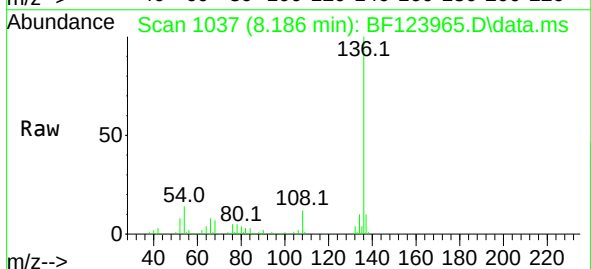
Instrument :
BNA_F
ClientSampleId :
KTW-02DL

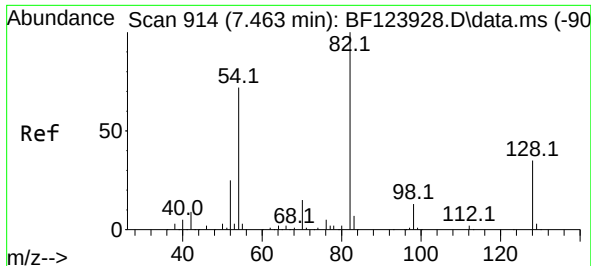
Tgt Ion:	99	Resp:	4046
Ion	Ratio	Lower	Upper
99	100		
42	28.3	19.8	29.8
71	46.1	31.1	46.7



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123965.D
Acq: 17 May 2021 16:07

Tgt Ion:	136	Resp:	155752
Ion	Ratio	Lower	Upper
136	100		
137	10.1	8.7	13.1
54	14.0	9.8	14.6
68	7.2	4.1	6.1





#23

Nitrobenzene-d5

Concen: 3.66 ng

RT: 7.457 min Scan# 913

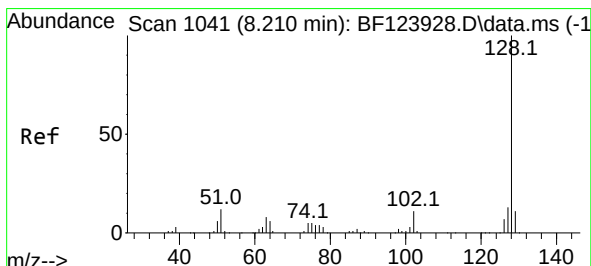
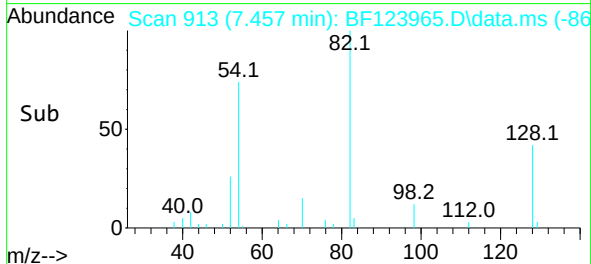
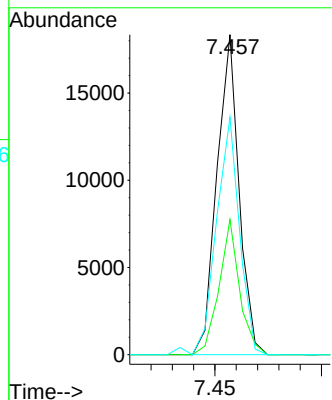
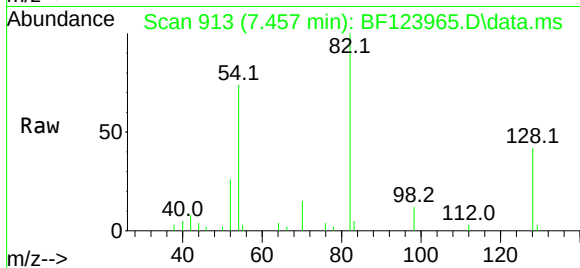
Delta R.T. -0.006 min

Lab File: BF123965.D

Acq: 17 May 2021 16:07

Tgt Ion: 82 Resp: 13234

Ion	Ratio	Lower	Upper
82	100		
128	42.2	29.4	44.2
54	74.2	54.1	81.1



#31

Naphthalene

Concen: 41.88 ng

RT: 8.210 min Scan# 1041

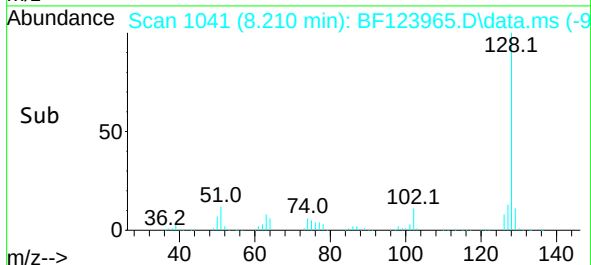
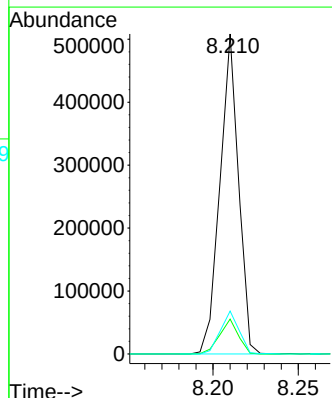
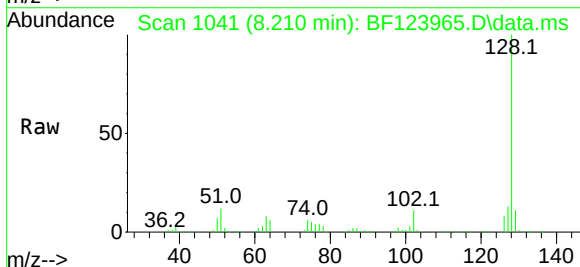
Delta R.T. 0.000 min

Lab File: BF123965.D

Acq: 17 May 2021 16:07

Tgt Ion: 128 Resp: 386059

Ion	Ratio	Lower	Upper
128	100		
129	10.9	8.9	13.3
127	13.4	10.8	16.2

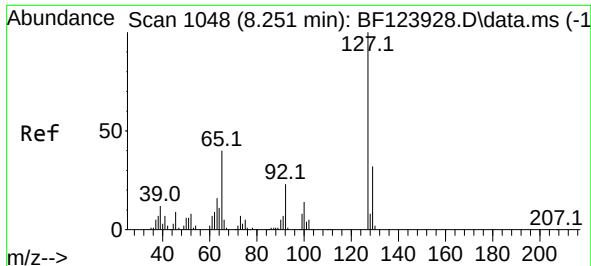


Instrument :

BNA_F

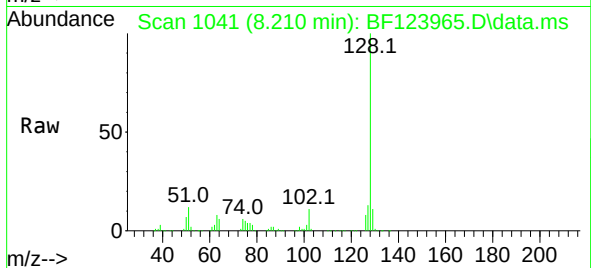
ClientSampleId :

KTW-02DL

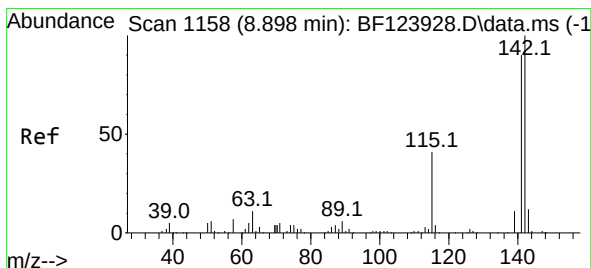
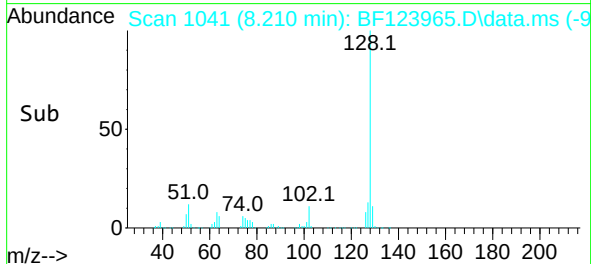
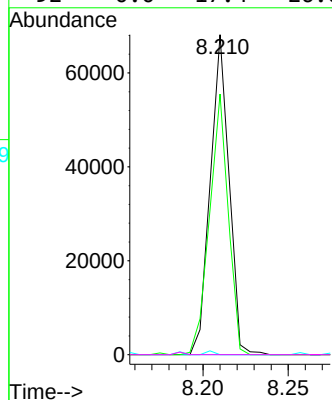


#33
4-Chloroaniline
Concen: 14.82 ng
RT: 8.210 min Scan# 1041
Delta R.T. -0.041 min
Lab File: BF123965.D
Acq: 17 May 2021 16:07

Instrument :
BNA_F
ClientSampleId :
KTW-02DL

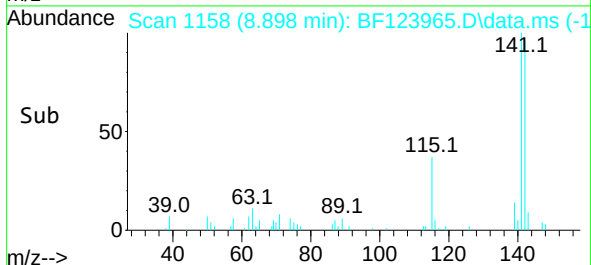
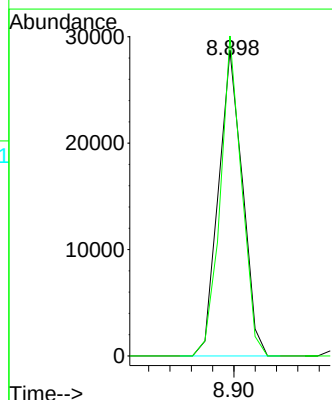
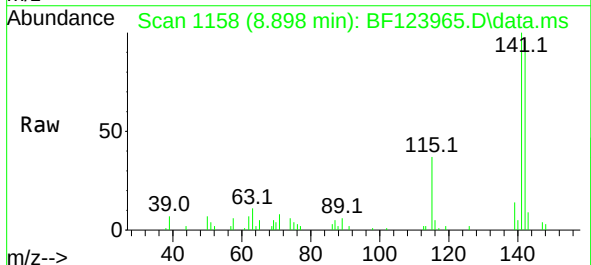


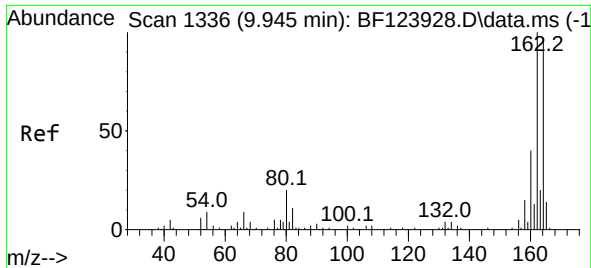
Tgt Ion:127 Resp: 52017
Ion Ratio Lower Upper
127 100
129 81.5 25.7 38.5#
65 0.0 34.5 51.7#
92 0.0 17.4 26.0#



#37
2-Methylnaphthalene
Concen: 3.60 ng
RT: 8.898 min Scan# 1158
Delta R.T. 0.000 min
Lab File: BF123965.D
Acq: 17 May 2021 16:07

Tgt Ion:142 Resp: 22465
Ion Ratio Lower Upper
142 100
141 104.6 71.8 107.6

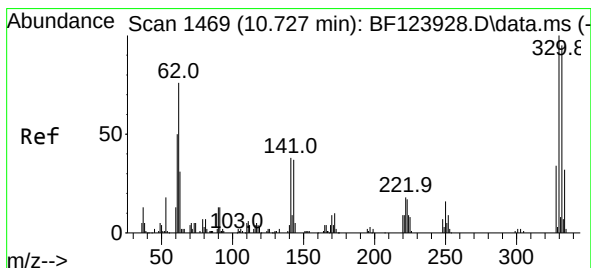
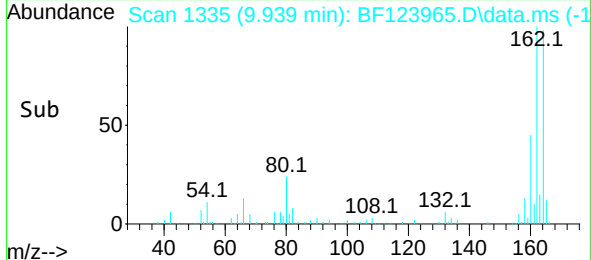
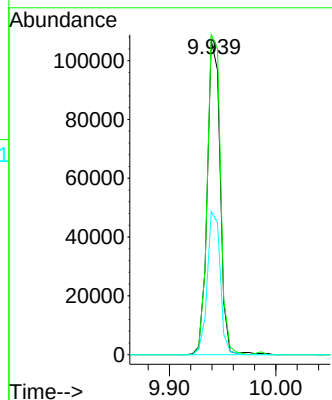
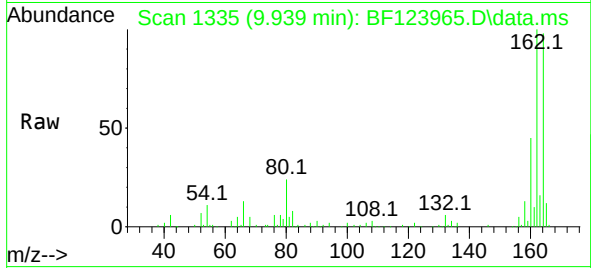




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123965.D
Acq: 17 May 2021 16:07

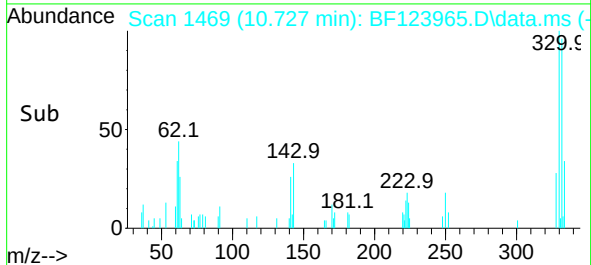
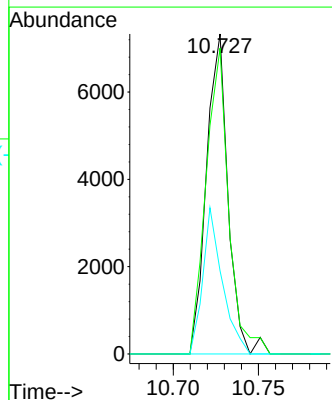
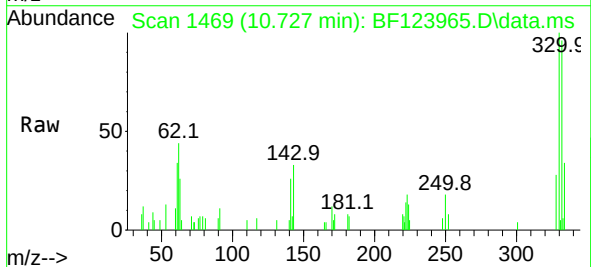
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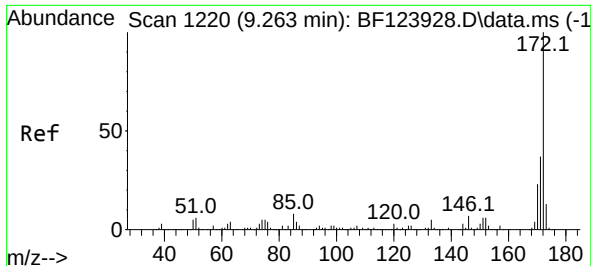
Tgt Ion:164 Resp: 90935
Ion Ratio Lower Upper
164 100
162 101.8 80.7 121.1
160 45.4 37.3 55.9



#42
2,4,6-Tribromophenol
Concen: 5.90 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.000 min
Lab File: BF123965.D
Acq: 17 May 2021 16:07

Tgt Ion:330 Resp: 6448
Ion Ratio Lower Upper
330 100
332 100.6 77.1 115.7
141 41.4 27.9 41.9

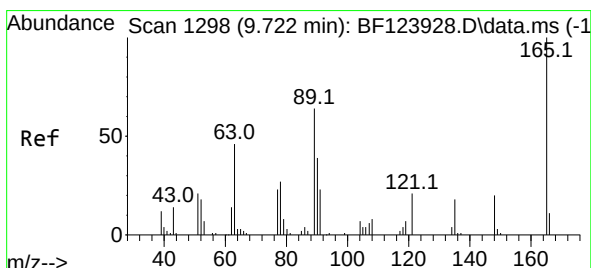
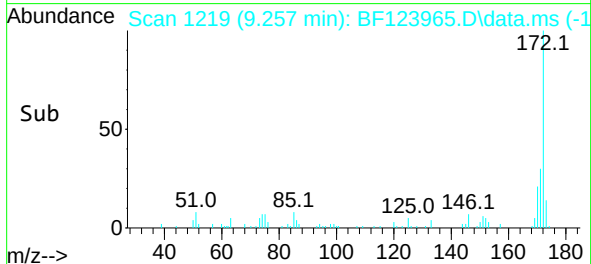
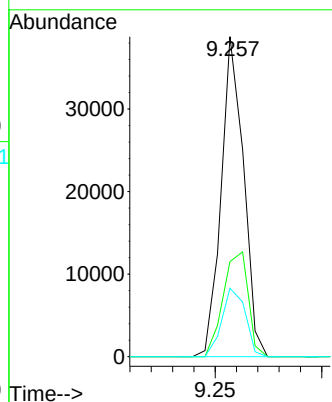
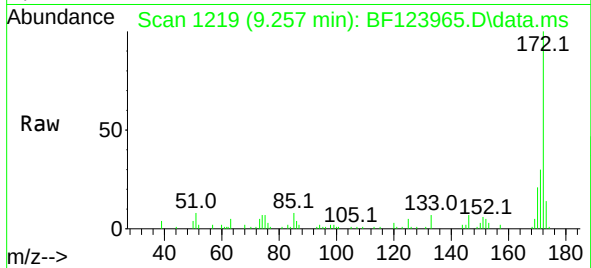




#45
2-Fluorobiphenyl
Concen: 3.83 ng
RT: 9.257 min Scan# 1219
Delta R.T. -0.006 min
Lab File: BF123965.D
Acq: 17 May 2021 16:07

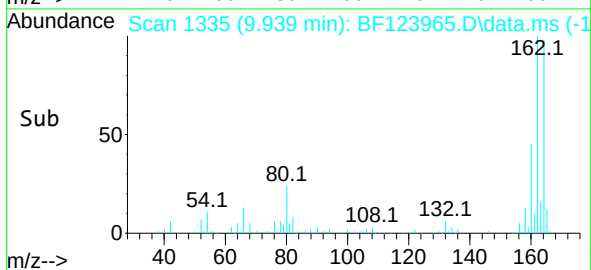
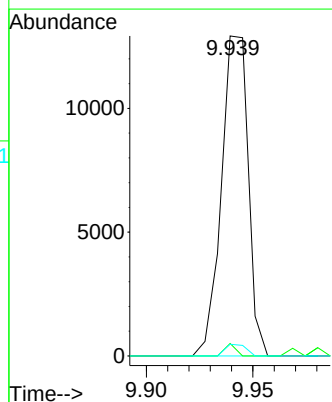
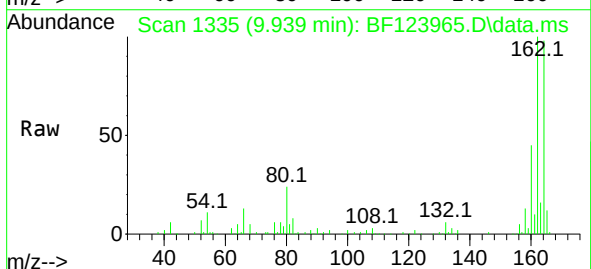
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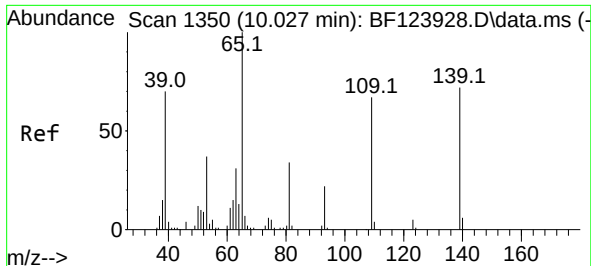
Tgt Ion:172 Resp: 28290
Ion Ratio Lower Upper
172 100
171 29.7 28.1 42.1
170 21.4 19.2 28.8



#51
2,6-Dinitrotoluene
Concen: 7.72 ng
RT: 9.939 min Scan# 1335
Delta R.T. 0.218 min
Lab File: BF123965.D
Acq: 17 May 2021 16:07

Tgt Ion:165 Resp: 11329
Ion Ratio Lower Upper
165 100
63 3.9 67.7 101.5#
89 3.6 58.8 88.2#

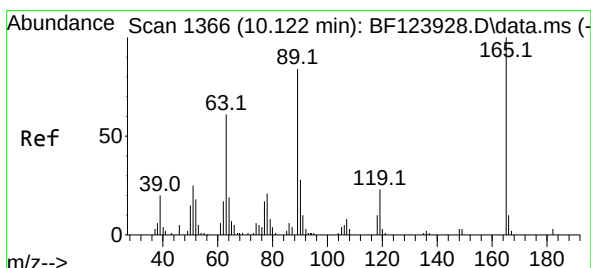
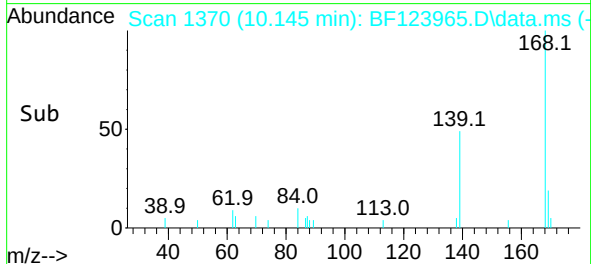
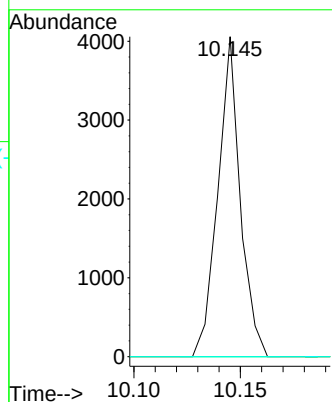
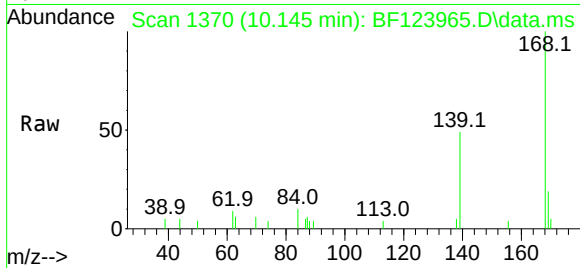




#56
4-Nitrophenol
Concen: 2.45 ng
RT: 10.145 min Scan# 1370
Delta R.T. 0.118 min
Lab File: BF123965.D
Acq: 17 May 2021 16:07

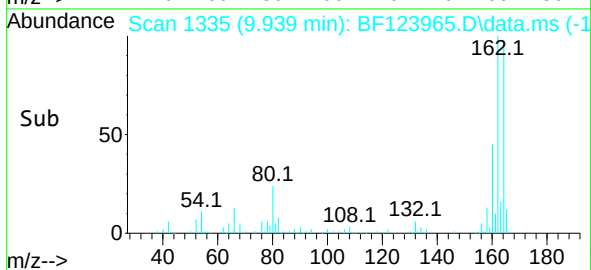
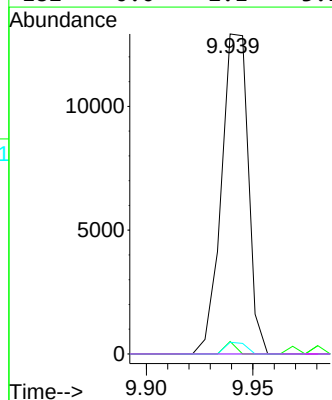
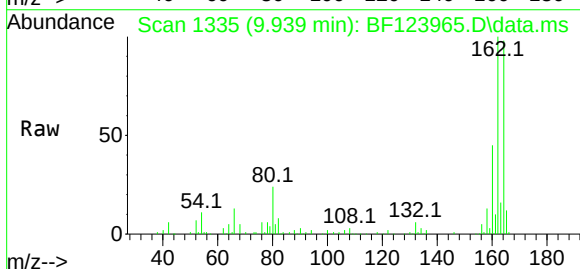
Instrument :
BNA_F
ClientSampled :
KTW-02DL

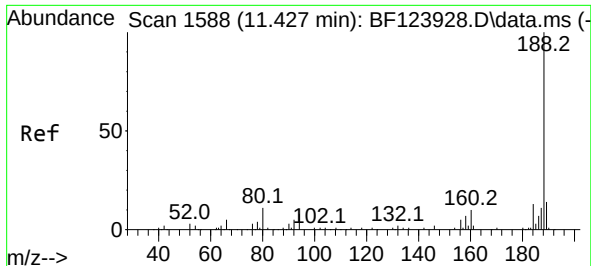
Tgt Ion:139 Resp: 2958
Ion Ratio Lower Upper
139 100
109 0.0 63.2 103.2#
65 0.0 110.0 150.0#



#57
2,4-Dinitrotoluene
Concen: 6.29 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.182 min
Lab File: BF123965.D
Acq: 17 May 2021 16:07

Tgt Ion:165 Resp: 11329
Ion Ratio Lower Upper
165 100
63 3.9 43.5 65.3#
89 3.6 67.7 101.5#
182 0.0 2.1 3.1#

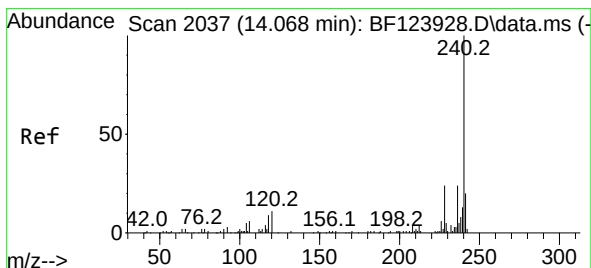
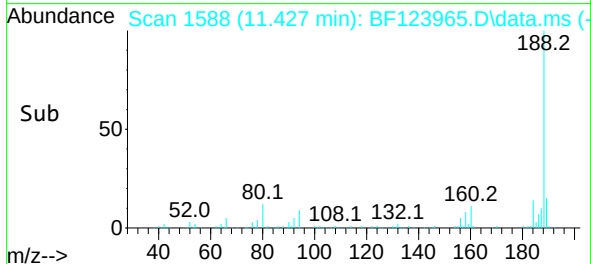
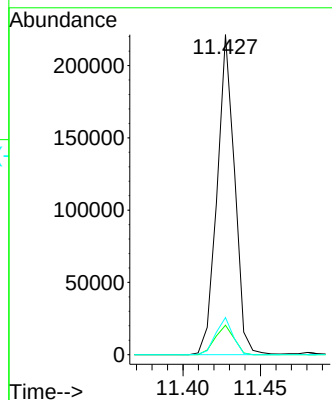
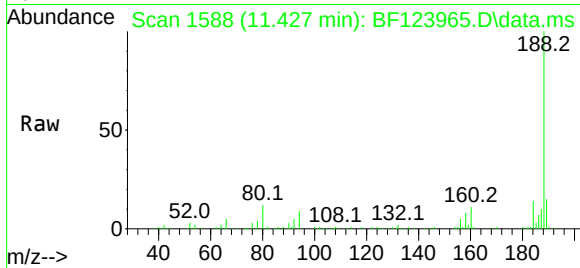




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123965.D
Acq: 17 May 2021 16:07

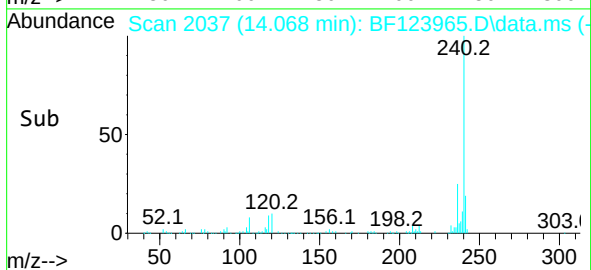
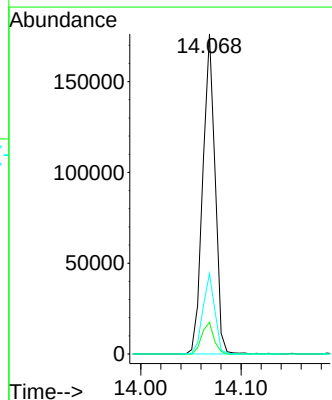
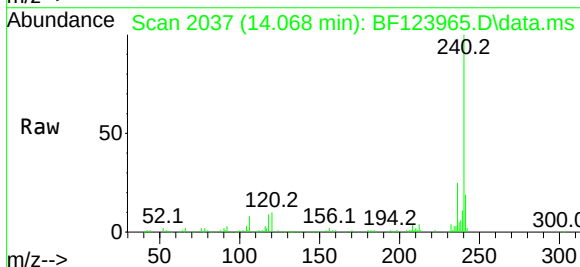
Instrument :
BNA_F
ClientSampleId :
KTW-02DL

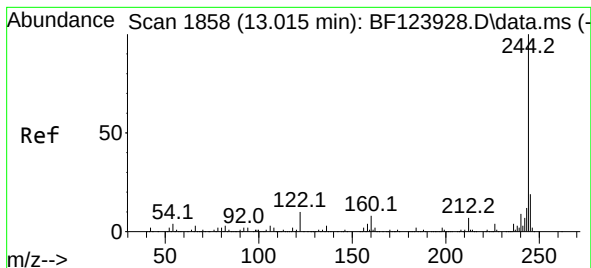
Tgt Ion:188 Resp: 174144
Ion Ratio Lower Upper
188 100
94 9.2 6.9 10.3
80 11.6 8.2 12.2



#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF123965.D
Acq: 17 May 2021 16:07

Tgt Ion:240 Resp: 150627
Ion Ratio Lower Upper
240 100
120 9.9 7.2 10.8
236 25.2 19.0 28.4





#79

Terphenyl-d14

Concen: 3.34 ng

RT: 13.010 min Scan# 1857

Delta R.T. -0.006 min

Lab File: BF123965.D

Acq: 17 May 2021 16:07

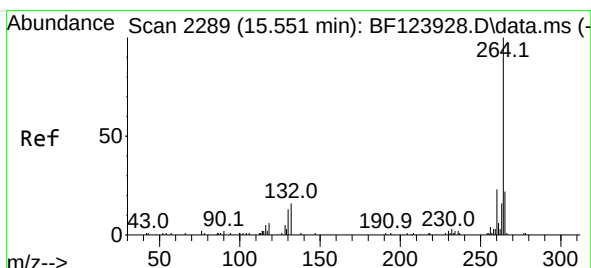
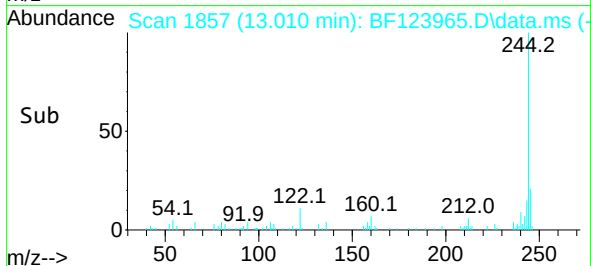
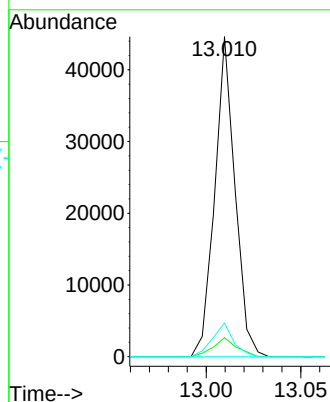
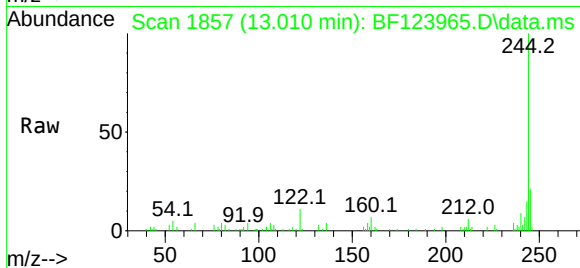
Tgt Ion:244 Resp: 33253

Ion Ratio Lower Upper

244 100

212 5.9 5.7 8.5

122 10.5 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: BF123965.D

Acq: 17 May 2021 16:07

Tgt Ion:264 Resp: 129895

Ion Ratio Lower Upper

264 100

260 23.4 18.7 28.1

265 22.1 17.8 26.8

