

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)

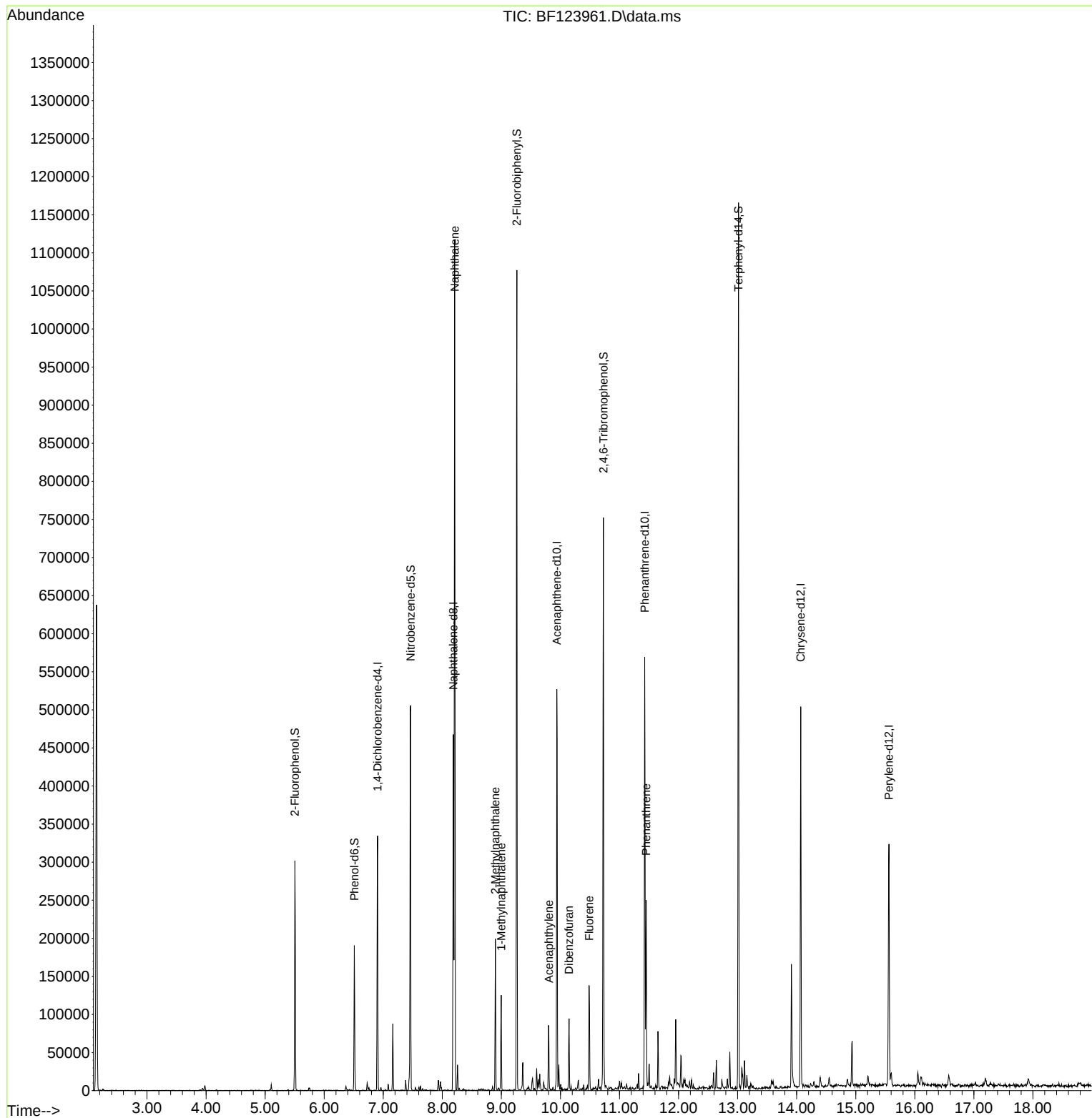
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	41738	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	166675	20.00	ng	# 0.00
39) Acenaphthene-d10	9.939	164	94817	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	182280	20.00	ng	# 0.00
76) Chrysene-d12	14.068	240	149379	20.00	ng	0.00
86) Perylene-d12	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						
						Qvalue
31) Naphthalene	8.210	128	361848	36.68	ng	98
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
55) Dibenzofuran	10.145	168	28960	3.01	ng	97
58) Fluorene	10.486	166	30536	4.21	ng	83
71) Phenanthrene	11.451	178	72480	6.27	ng	98

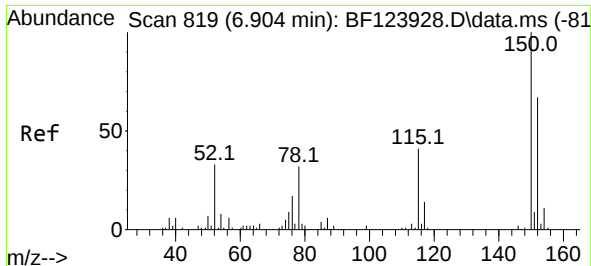
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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

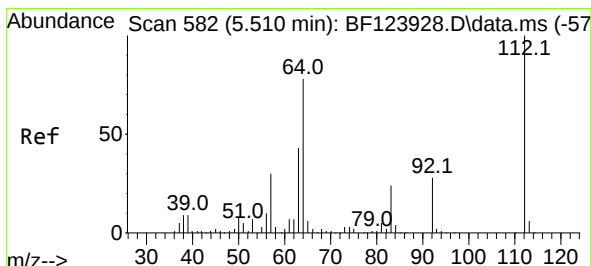
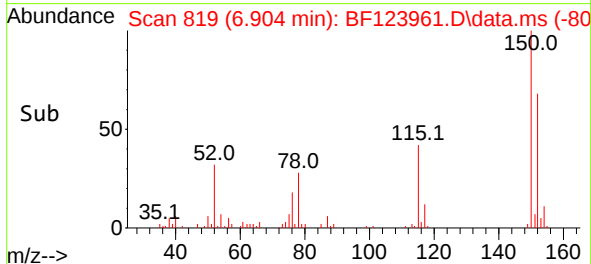
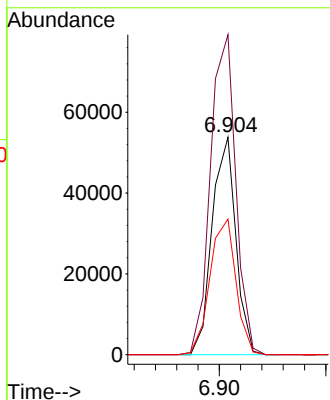
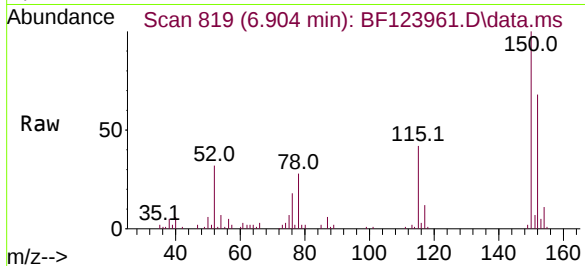




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

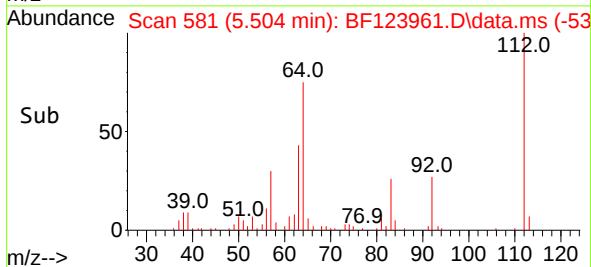
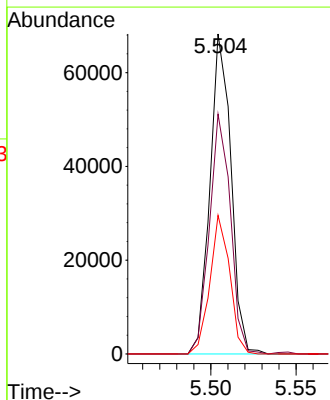
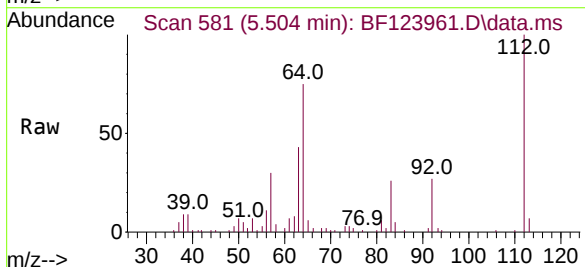
Instrument :
BNA_F
ClientSampleId :
KTW-01DL

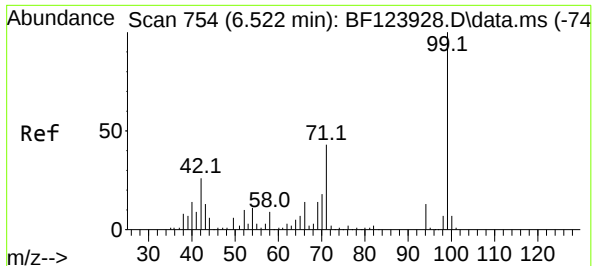
Tgt Ion:152 Resp: 41738
Ion Ratio Lower Upper
152 100
150 147.2 127.0 190.6
115 62.3 54.3 81.5



#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

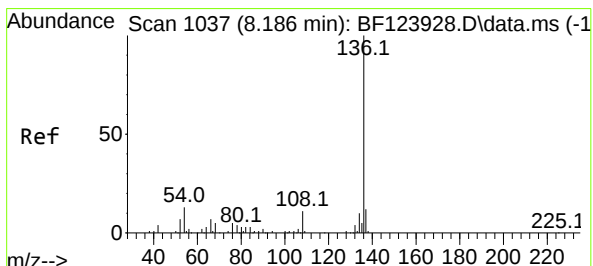
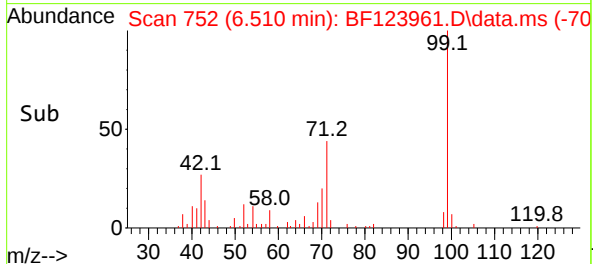
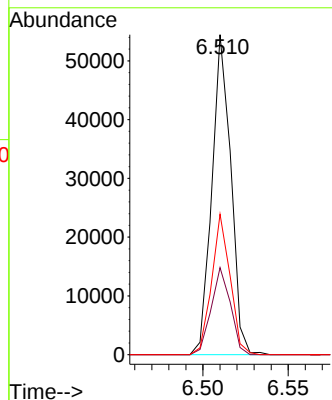
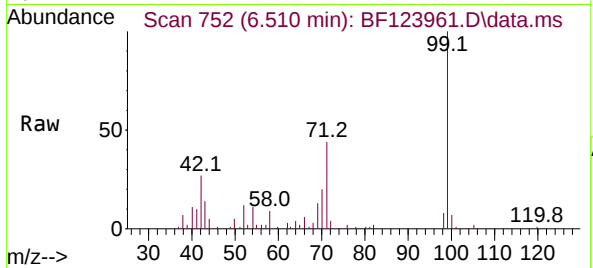




#7
Phenol-d6
Concen: 10.90 ng
RT: 6.510 min Scan# 752
Delta R.T. -0.012 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

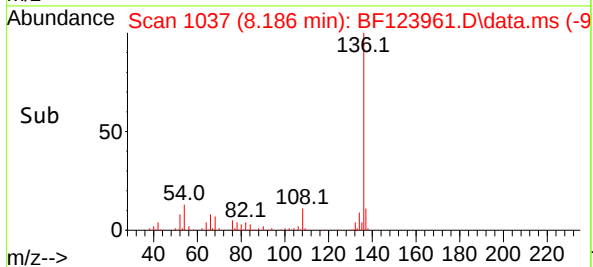
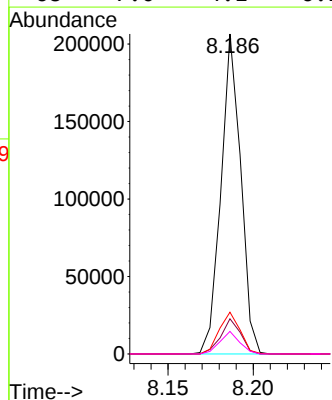
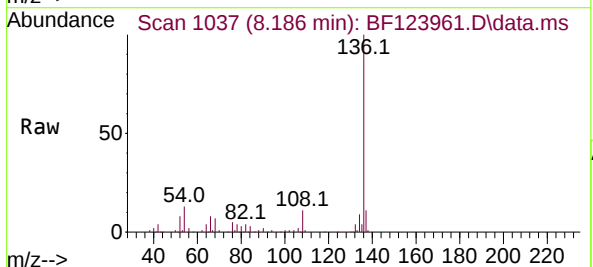
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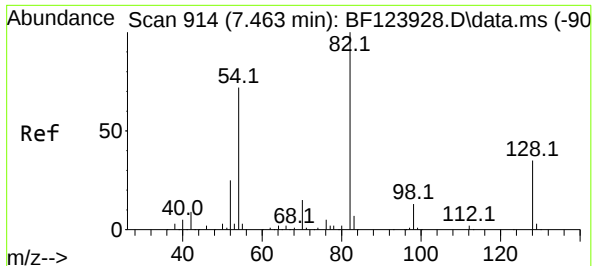
Tgt Ion:	99	Resp:	42046
Ion	Ratio	Lower	Upper
99	100		
42	27.2	19.8	29.8
71	43.9	31.1	46.7



#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

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

Acq: 17 May 2021 13:59

Tgt Ion: 82 Resp: 143513

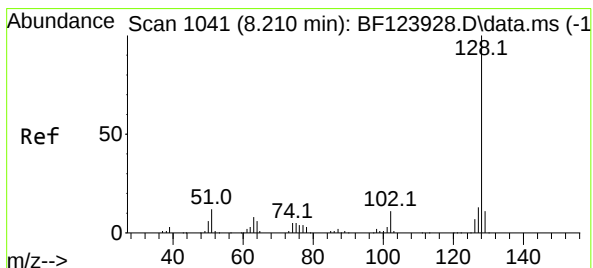
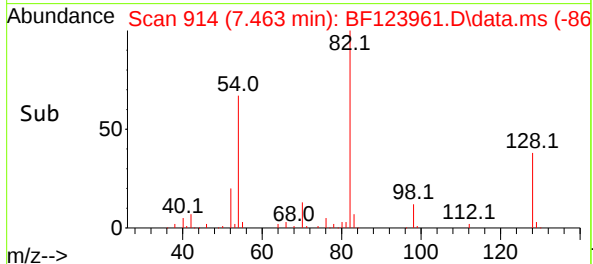
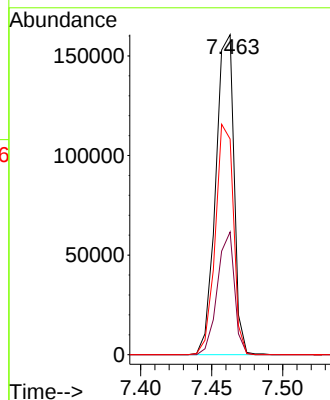
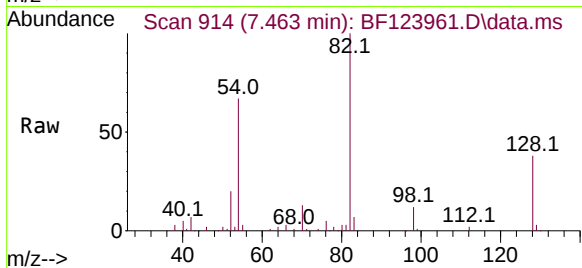
Ion	Ratio	Lower	Upper
82	100		
128	38.4	29.4	44.2
54	67.4	54.1	81.1

Instrument :

BNA_F

ClientSampleId :

KTW-01DL



#31

Naphthalene

Concen: 36.68 ng

RT: 8.210 min Scan# 1041

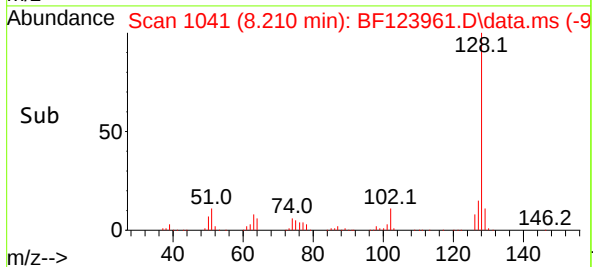
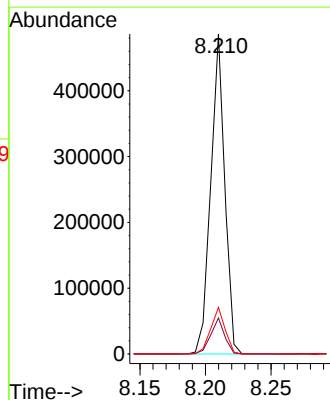
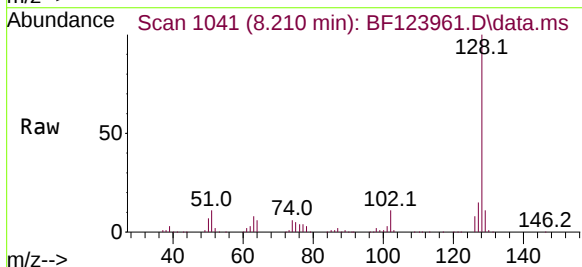
Delta R.T. -0.000 min

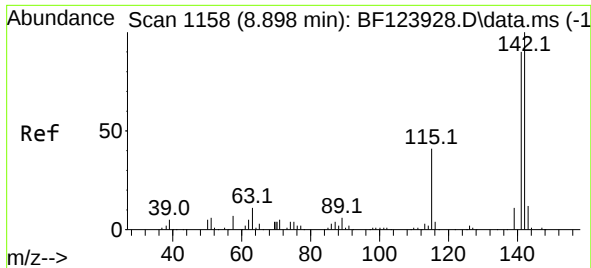
Lab File: BF123961.D

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

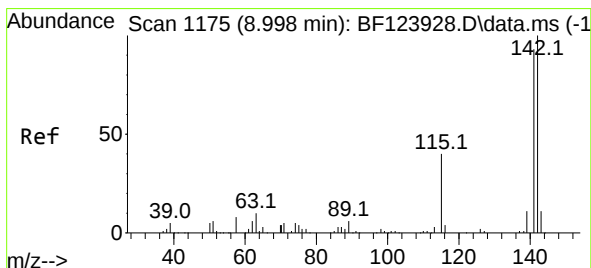
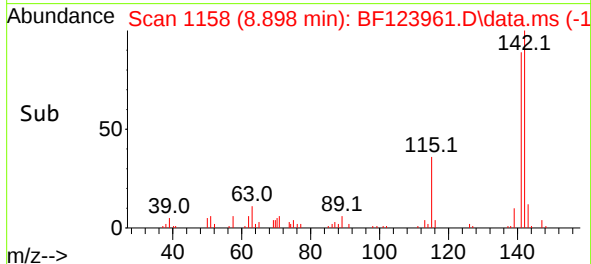
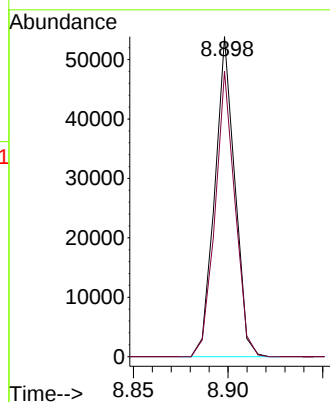
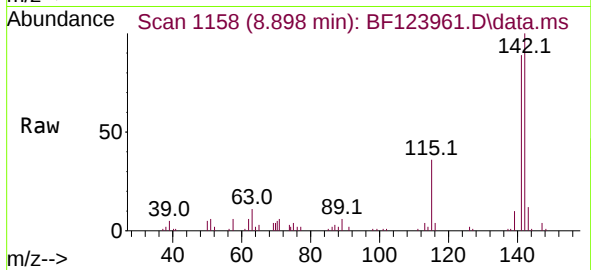




#37
2-Methylnaphthalene
Concen: 5.95 ng
RT: 8.898 min Scan# 1158
Delta R.T. -0.000 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

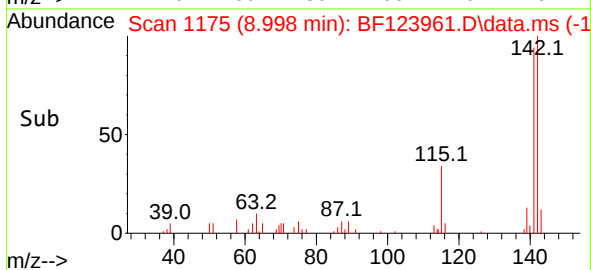
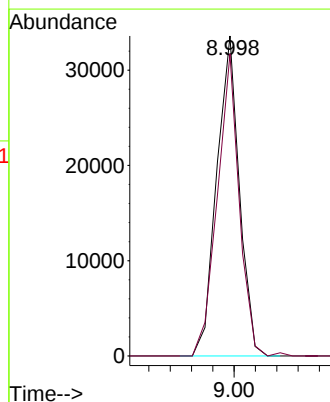
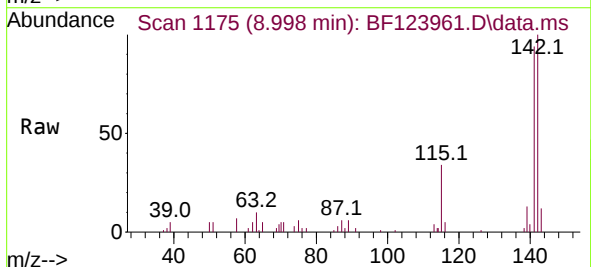
Instrument :
BNA_F
ClientSampleID :
KTW-01DL

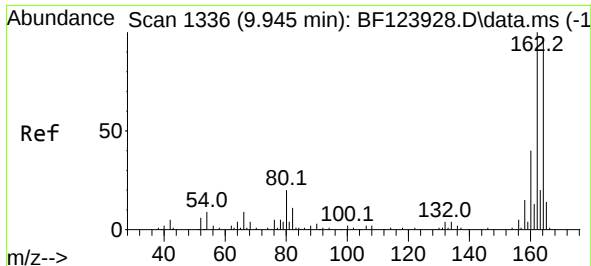
Tgt Ion:142 Resp: 39748
Ion Ratio Lower Upper
142 100
141 89.2 71.8 107.6



#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

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

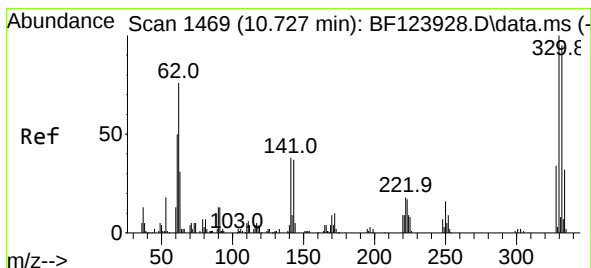
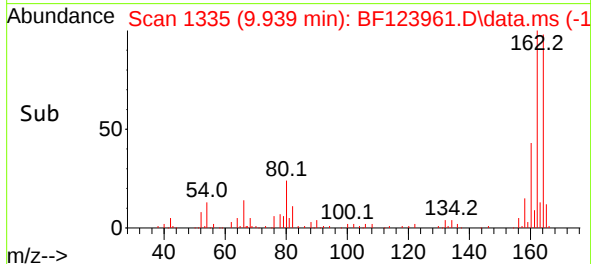
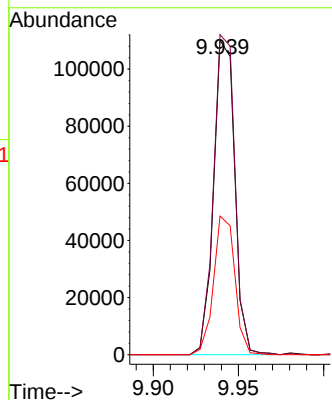
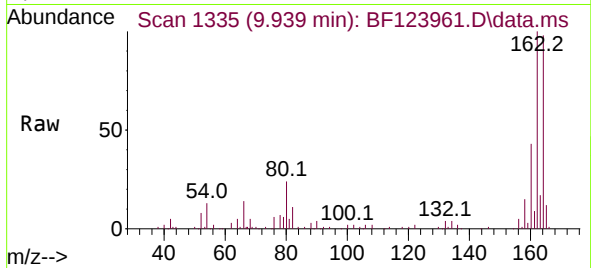




#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

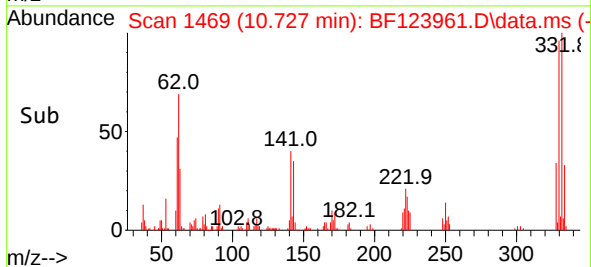
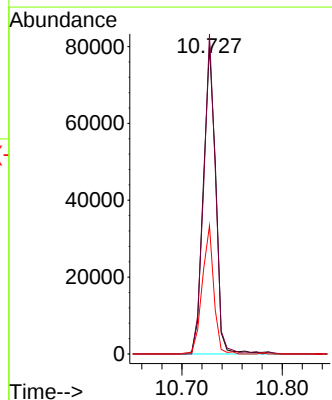
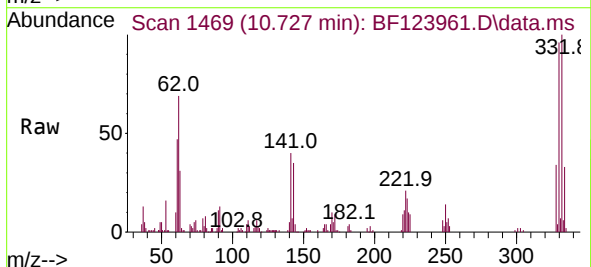
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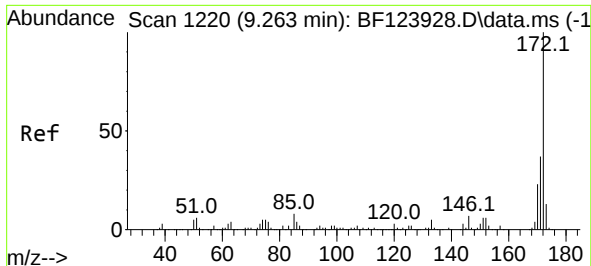
Tgt Ion:164 Resp: 94817
Ion Ratio Lower Upper
164 100
162 101.8 80.7 121.1
160 44.1 37.3 55.9



#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

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

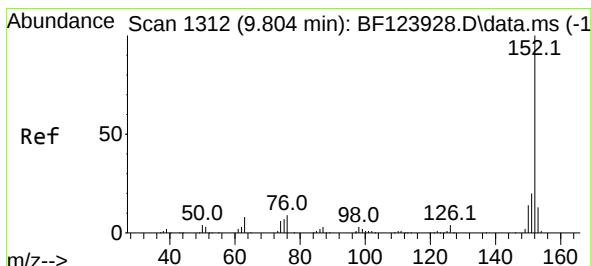
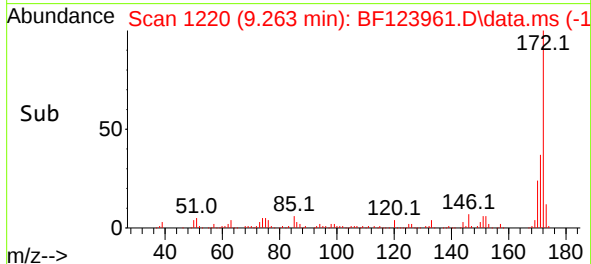
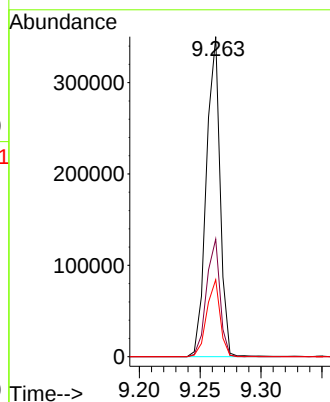
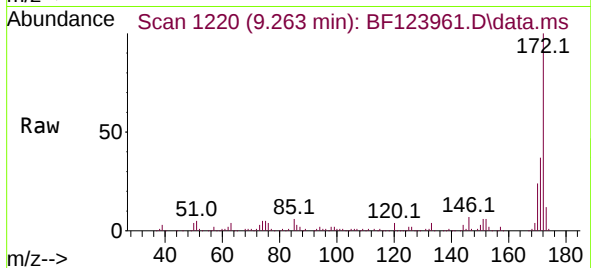




#45
2-Fluorobiphenyl
Concen: 35.72 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

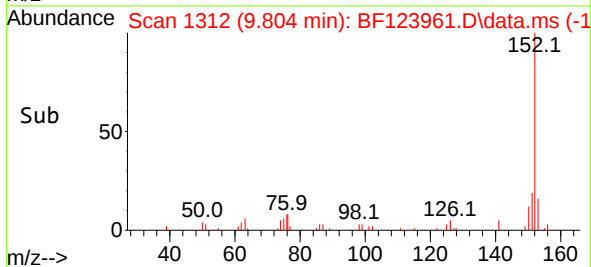
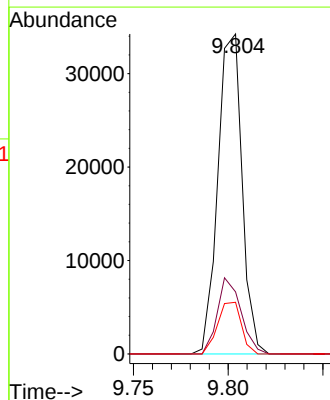
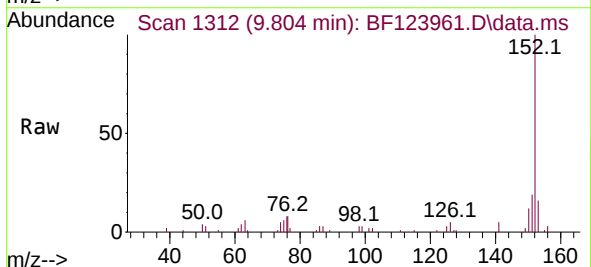
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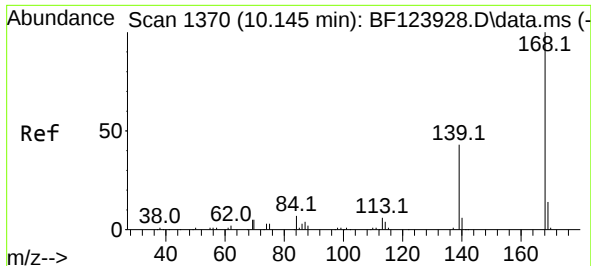
Tgt Ion:	172	Resp:	275196
Ion Ratio	Lower	Upper	
172	100		
171	36.8	28.1	42.1
170	24.1	19.2	28.8



#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#

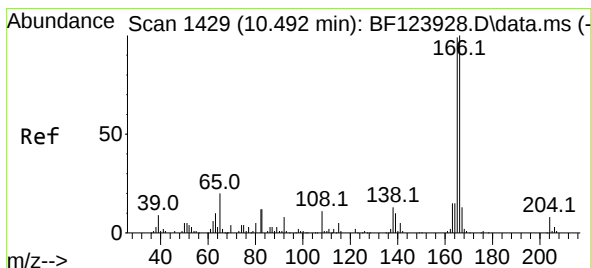
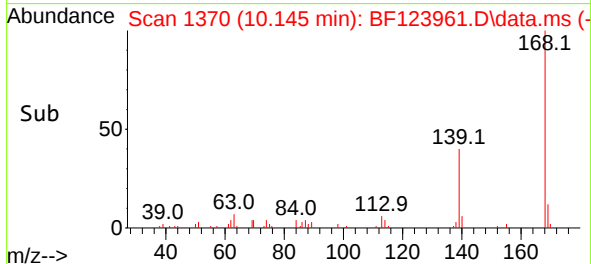
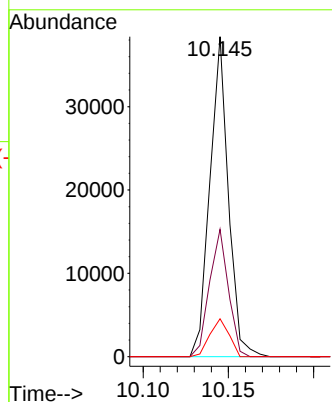
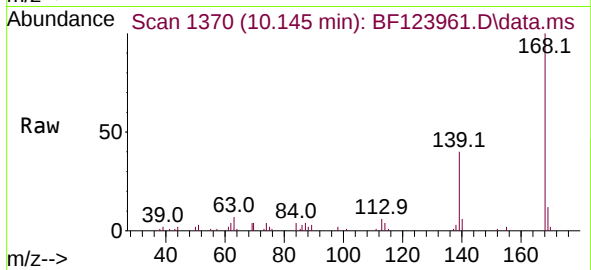




#55
Dibenzofuran
Concen: 3.01 ng
RT: 10.145 min Scan# 1370
Delta R.T. -0.000 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

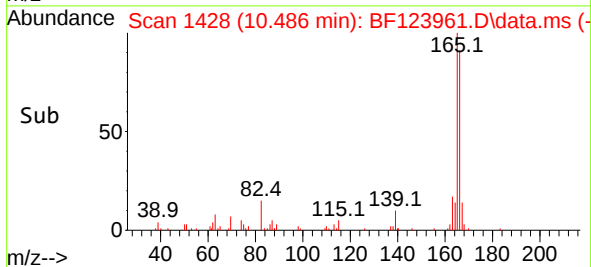
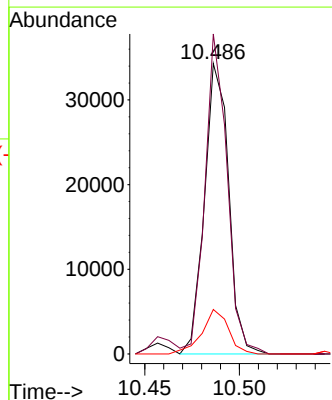
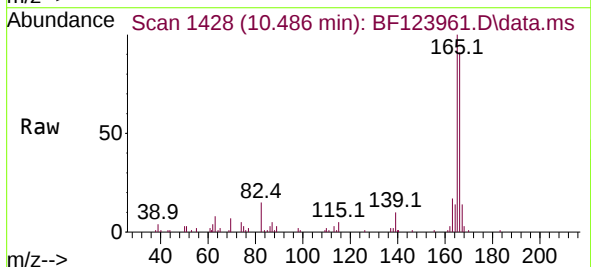
Instrument :
BNA_F
ClientSampleID :
KTW-01DL

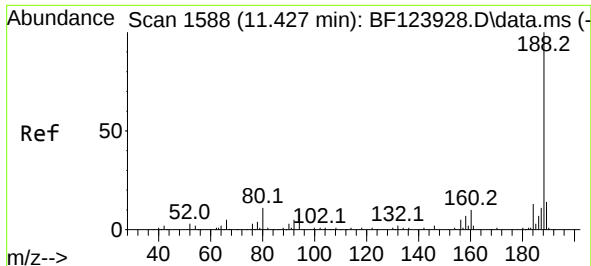
Tgt Ion:168 Resp: 28960
Ion Ratio Lower Upper
168 100
139 39.8 33.2 49.8
169 11.9 10.8 16.2



#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

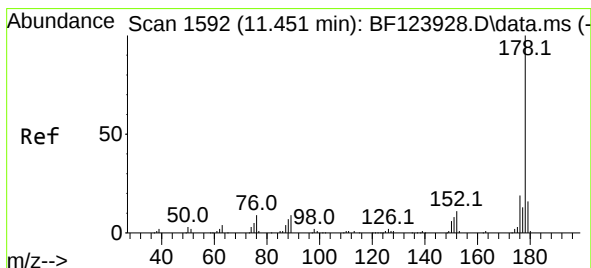
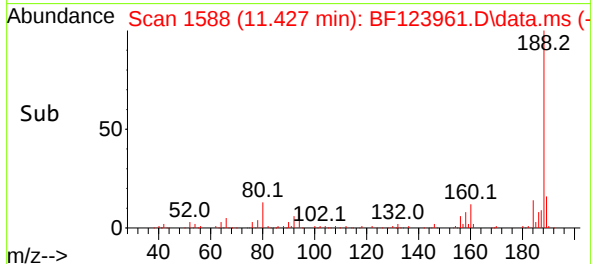
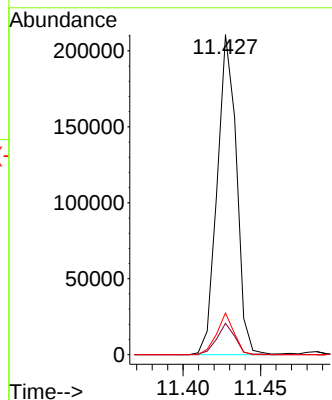
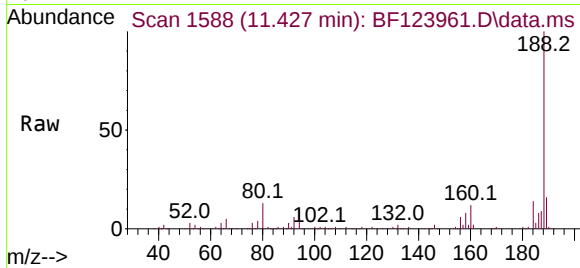




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

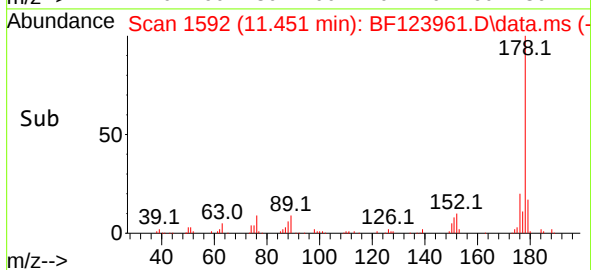
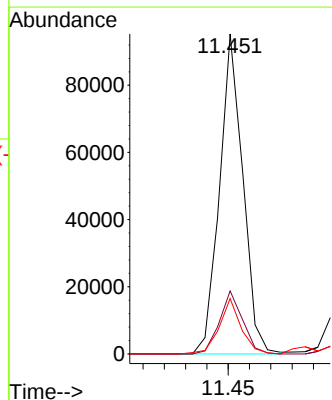
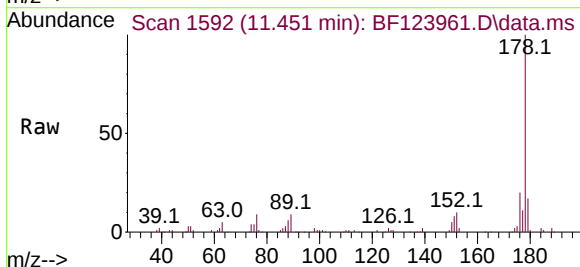
Instrument :
BNA_F
ClientSampleId :
KTW-01DL

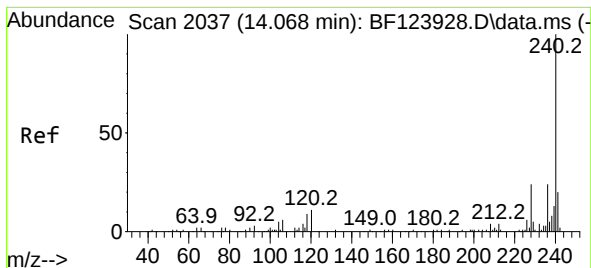
Tgt Ion:188 Resp: 182280
Ion Ratio Lower Upper
188 100
94 9.8 6.9 10.3
80 13.1 8.2 12.2#



#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

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

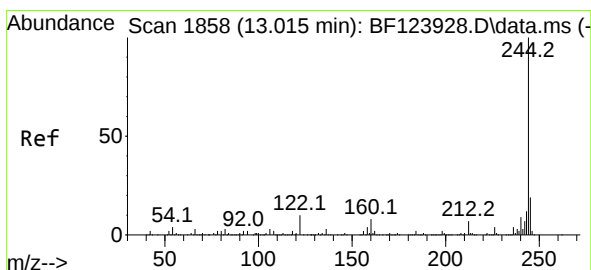
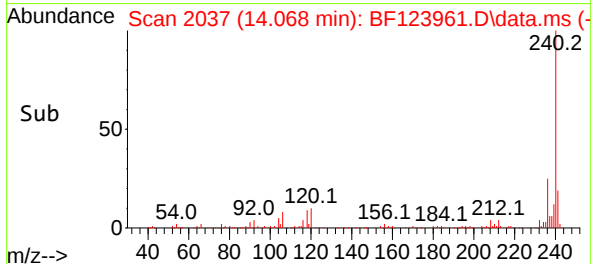
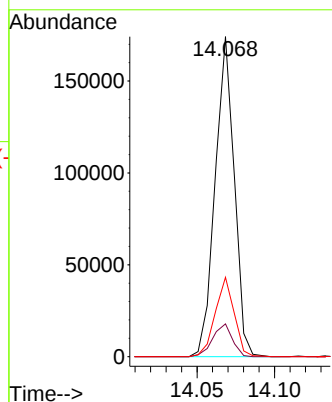
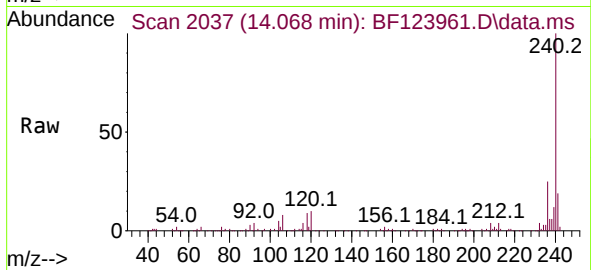




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF123961.D
Acq: 17 May 2021 13:59

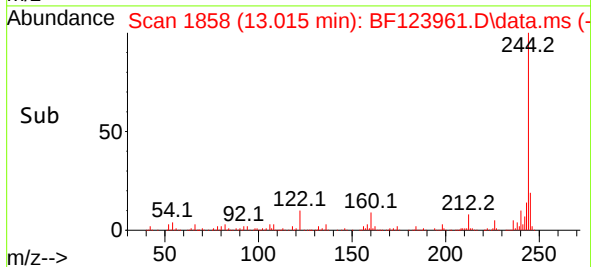
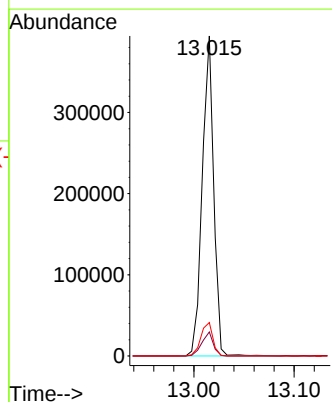
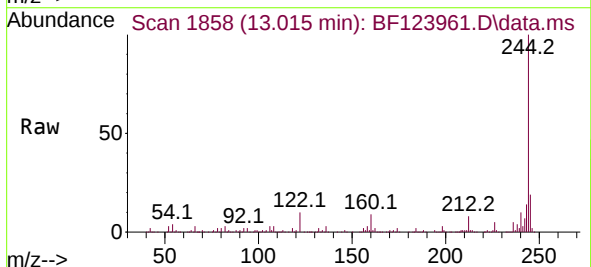
Instrument :
BNA_F
ClientSampleId :
KTW-01DL

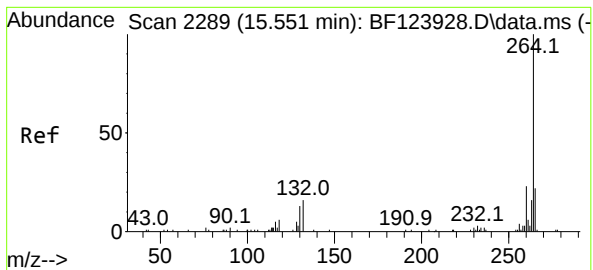
Tgt Ion:240 Resp: 149379
Ion Ratio Lower Upper
240 100
120 10.2 7.2 10.8
236 24.8 19.0 28.4



#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

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

Instrument :
 BNA_F
 ClientSampleId :
 KTW-01DL

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

