

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
 Data File : BF123967.D
 Acq On : 17 May 2021 17:12
 Operator : JU/CG
 Sample : M2413-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 124035

Quant Time: May 17 17:39:01 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)

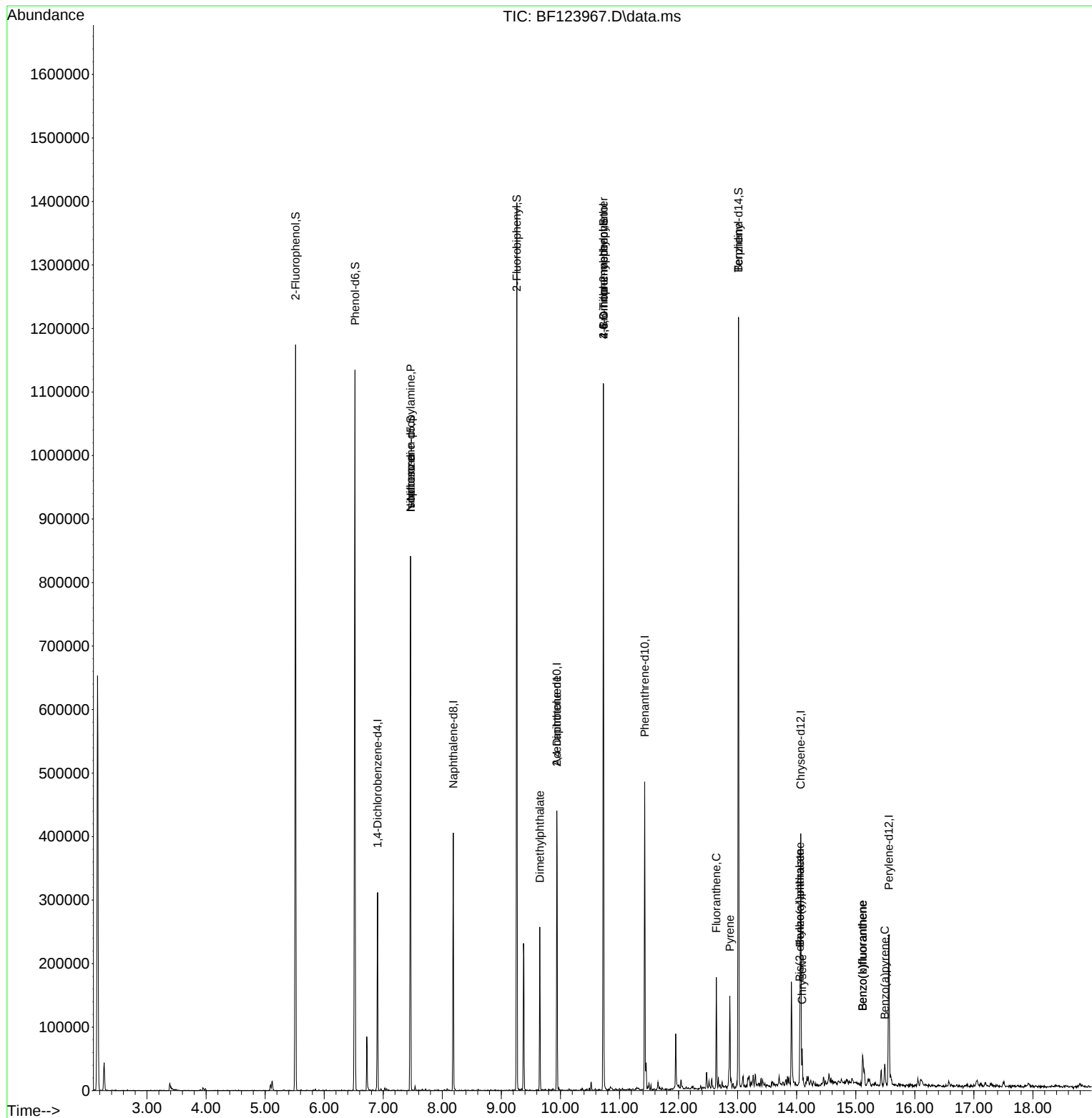
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	34708	20.00	ng	0.00
21) Naphthalene-d8	8.186	136	137281	20.00	ng	0.00
39) Acenaphthene-d10	9.939	164	77276	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	146994	20.00	ng	0.00
76) Chrysene-d12	14.068	240	105360	20.00	ng	0.00
86) Perylene-d12	15.562	264	102016	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	237459	96.06	ng	0.00
7) Phenol-d6	6.522	99	304262	94.88	ng	0.00
23) Nitrobenzene-d5	7.463	82	216844	68.06	ng	0.00
42) 2,4,6-Tribromophenol	10.727	330	96491	103.96	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	350861	55.87	ng	0.00
79) Terphenyl-d14	13.015	244	327691	47.11	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	31656	14.61	ng	# 70
25) Isophorone	7.463	82	216900	35.39	ng	# 69
50) Dimethylphthalate	9.651	163	77225	12.52	ng	98
57) 2,4-Dinitrotoluene	9.939	165	9595	6.27	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.727	198	310	5.73	ng	# 30
67) 4-Bromophenyl-phenylether	10.727	248	6820	3.53	ng	# 1
75) Fluoranthene	12.639	202	55673	5.77	ng	99
77) Benzidine	13.015	184	5833	2.29	ng	98
78) Pyrene	12.868	202	51478	5.50	ng	95
81) Benzo(a)anthracene	14.057	228	23974	3.15	ng	93
83) Chrysene	14.092	228	19470	2.66	ng	99
84) Bis(2-ethylhexyl)phtha...	14.051	149	10561	2.04	ng	# 96
88) Benzo(b)fluoranthene	15.115	252	31315	3.97	ng	# 87
89) Benzo(k)fluoranthene	15.115	252	31315	4.35	ng	# 88
90) Benzo(a)pyrene	15.492	252	13696	2.01	ng	95

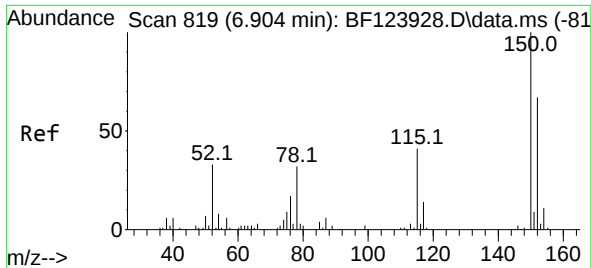
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051721\
Data File : BF123967.D
Acq On : 17 May 2021 17:12
Operator : JU/CG
Sample : M2413-01
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
124035

Quant Time: May 17 17:39:01 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

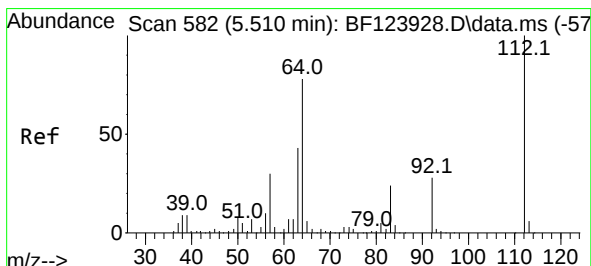
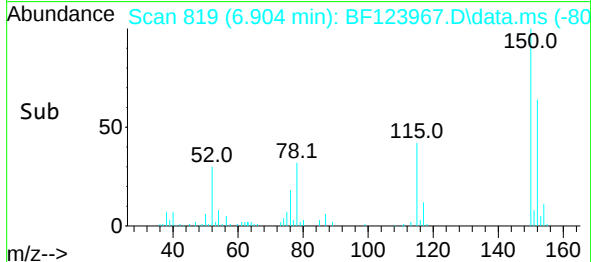
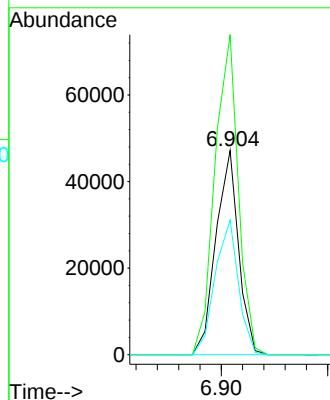
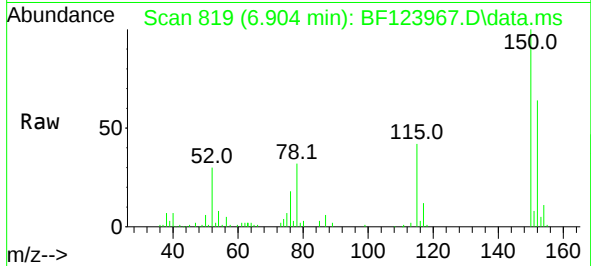




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

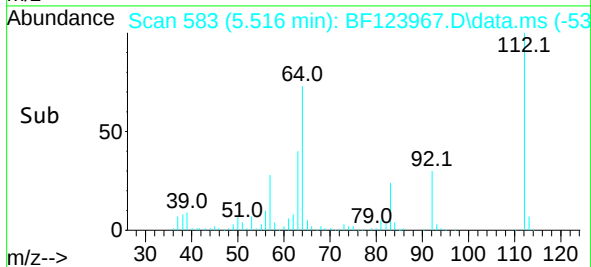
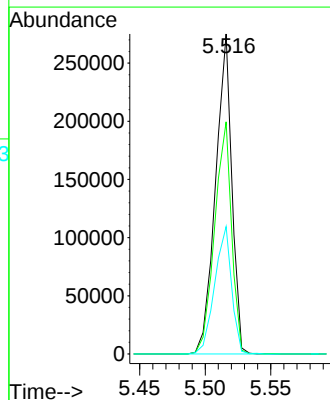
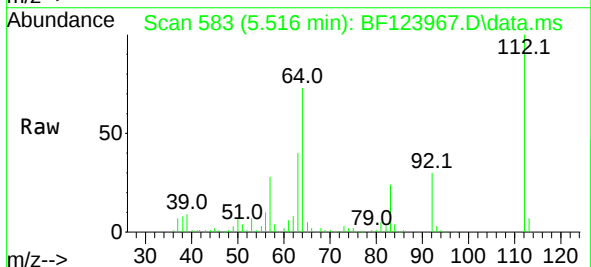
Instrument :
BNA_F
ClientSampleId :
124035

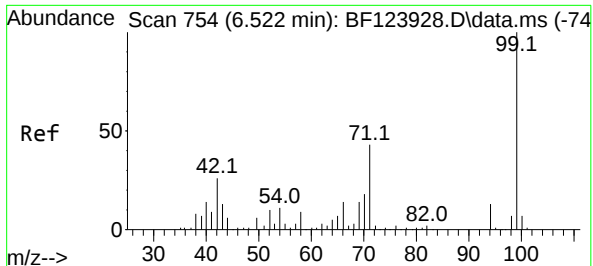
Tgt Ion:152 Resp: 34708
Ion Ratio Lower Upper
152 100
150 156.8 127.0 190.6
115 66.0 54.3 81.5



#5
2-Fluorophenol
Concen: 96.06 ng
RT: 5.516 min Scan# 583
Delta R.T. 0.006 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

Tgt Ion:112 Resp: 237459
Ion Ratio Lower Upper
112 100
64 72.5 61.4 92.0
63 39.8 33.0 49.4

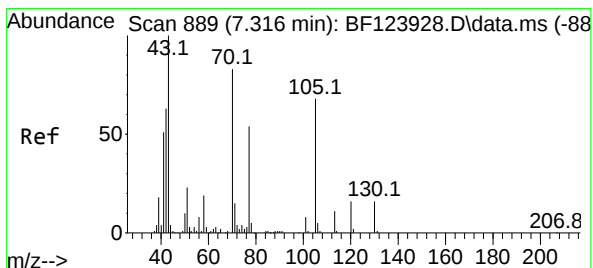
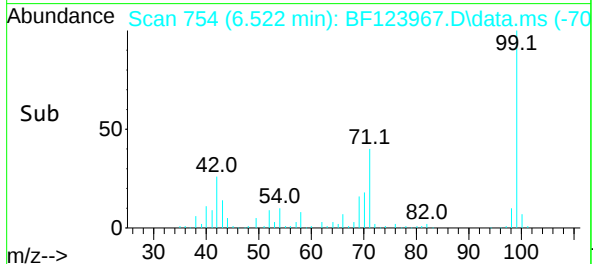
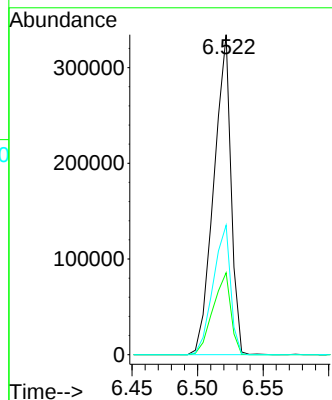
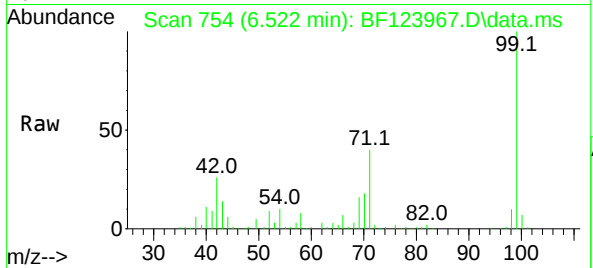




#7
Phenol-d6
Concen: 94.88 ng
RT: 6.522 min Scan# 754
Delta R.T. -0.000 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

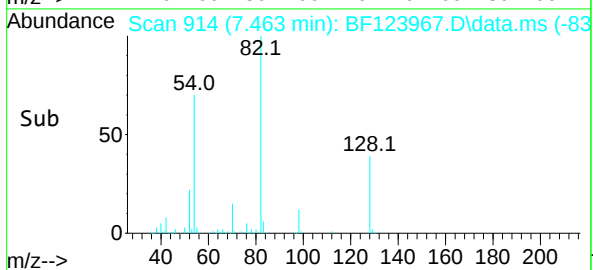
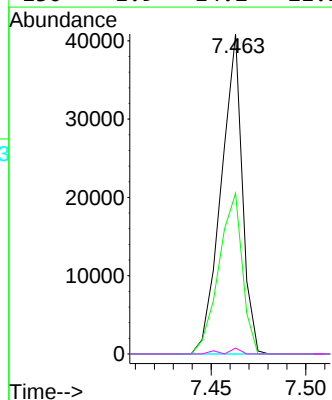
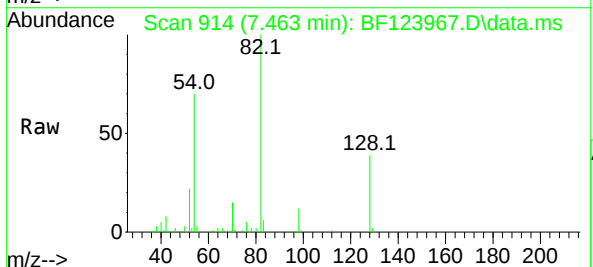
Instrument :
BNA_F
ClientSampleId :
124035

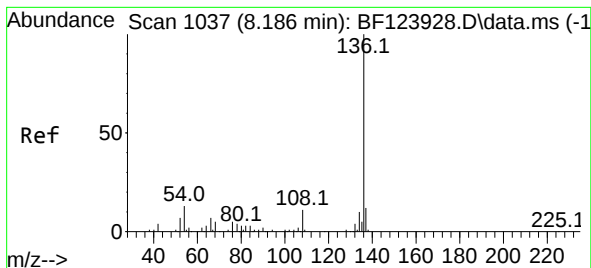
Tgt Ion: 99 Resp: 304262
Ion Ratio Lower Upper
99 100
42 25.6 19.8 29.8
71 40.4 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.61 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

Tgt Ion: 70 Resp: 31656
Ion Ratio Lower Upper
70 100
42 50.2 60.1 90.1#
101 0.0 7.4 11.2#
130 1.9 14.2 21.2#



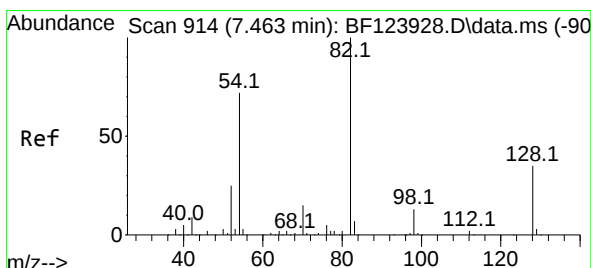
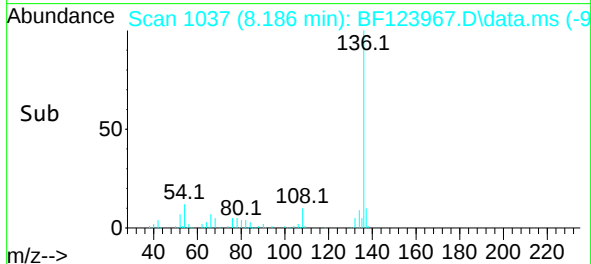
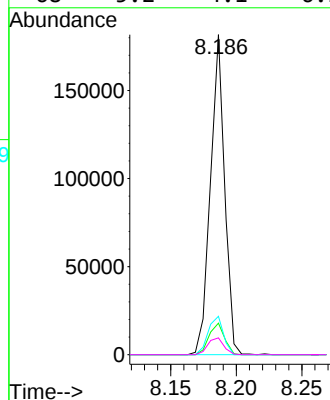
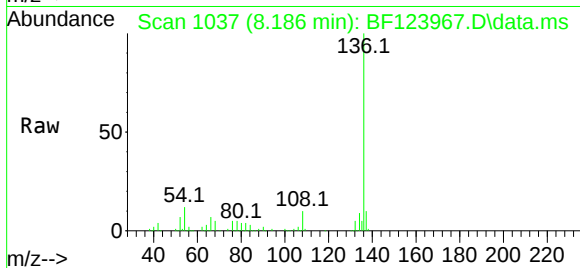


#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.186 min Scan# 1037
Delta R.T. 0.000 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

Instrument :
BNA_F
ClientSampleId :
124035

Tgt Ion:136 Resp: 137281

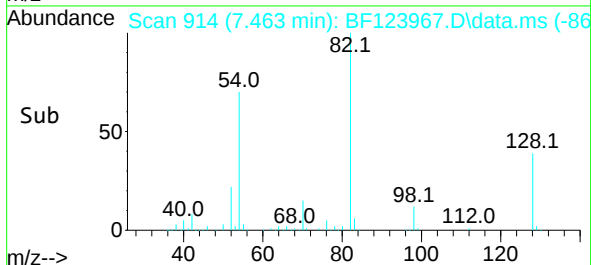
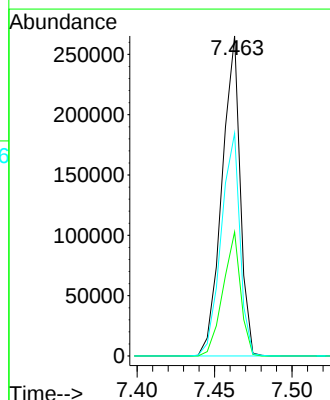
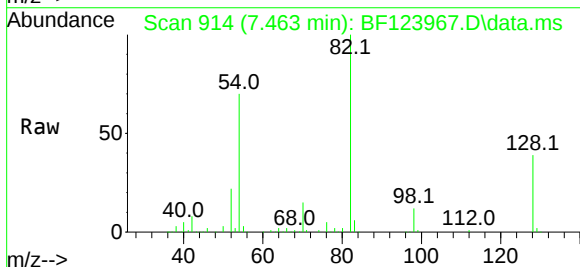
Ion	Ratio	Lower	Upper
136	100		
137	9.9	8.7	13.1
54	12.0	9.8	14.6
68	5.2	4.1	6.1

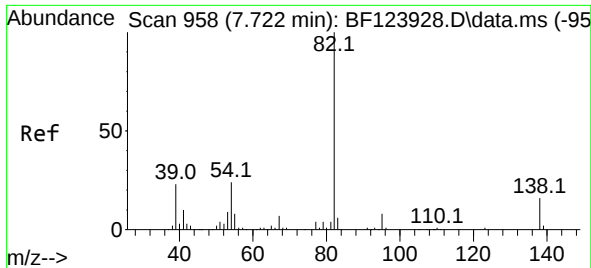


#23
Nitrobenzene-d5
Concen: 68.06 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.000 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

Tgt Ion: 82 Resp: 216844

Ion	Ratio	Lower	Upper
82	100		
128	38.8	29.4	44.2
54	69.6	54.1	81.1

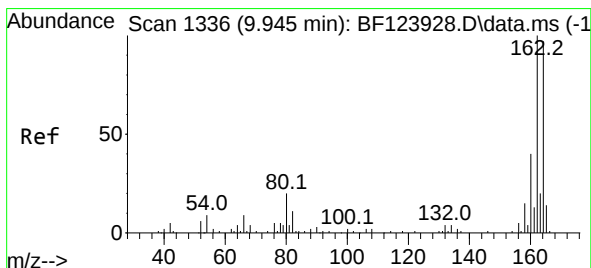
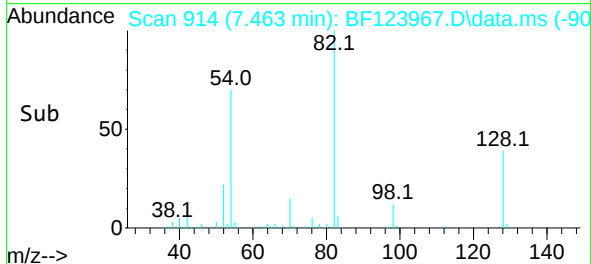
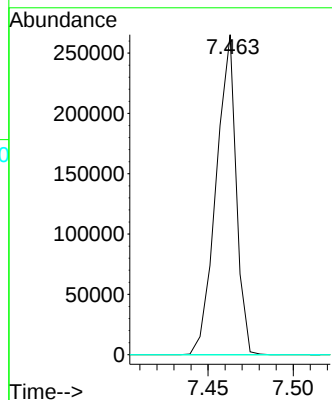
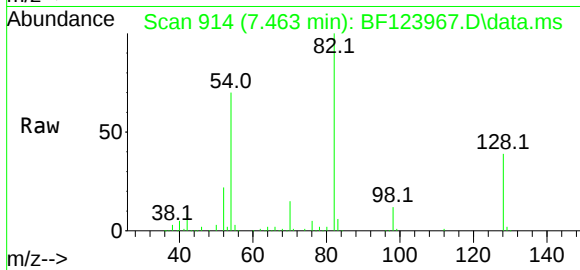




#25
Isophorone
Concen: 35.39 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

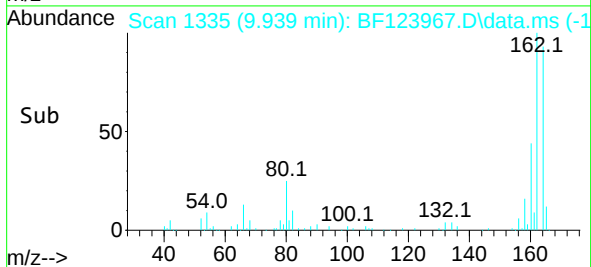
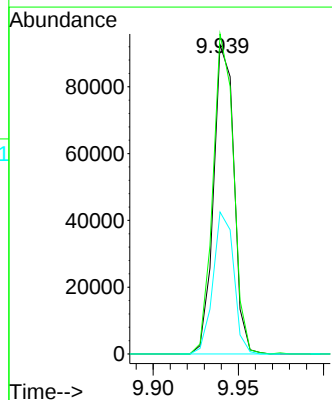
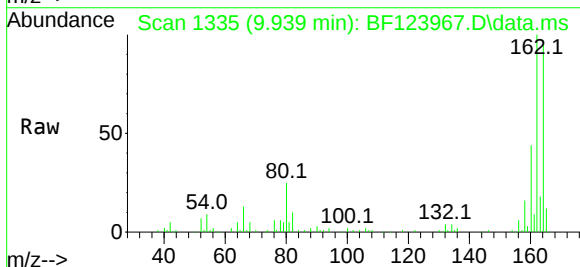
Instrument :
BNA_F
ClientSampleId :
124035

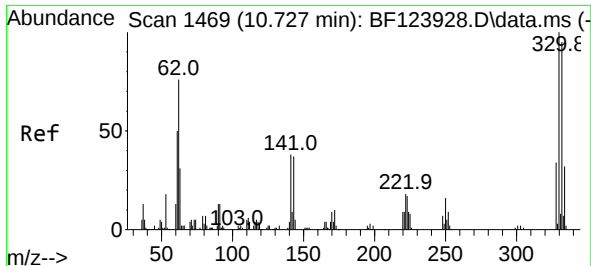
Tgt Ion: 82 Resp: 216900
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.006 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

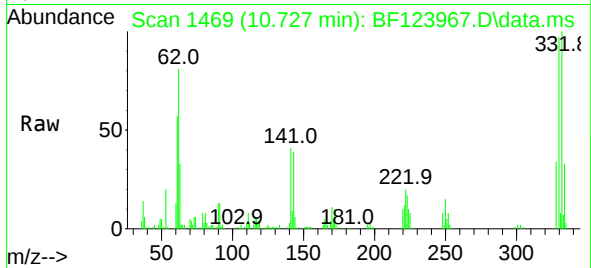
Tgt Ion: 164 Resp: 77276
Ion Ratio Lower Upper
164 100
162 103.5 80.7 121.1
160 45.9 37.3 55.9



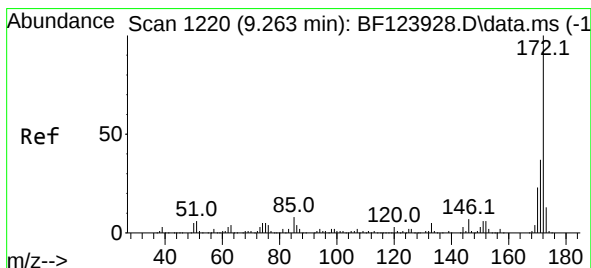
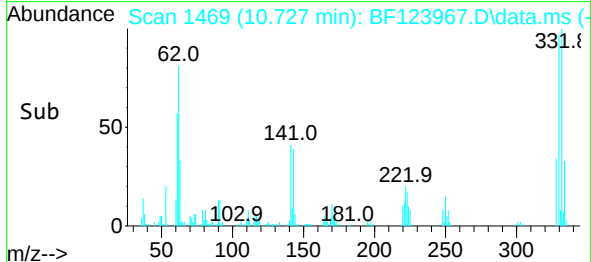
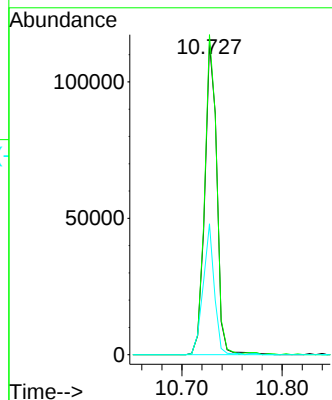


#42
2,4,6-Tribromophenol
Concen: 103.96 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.000 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

Instrument :
BNA_F
ClientSampled :
124035

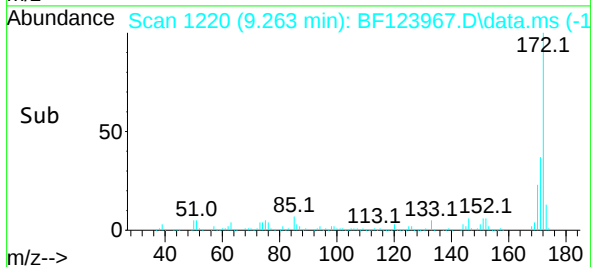
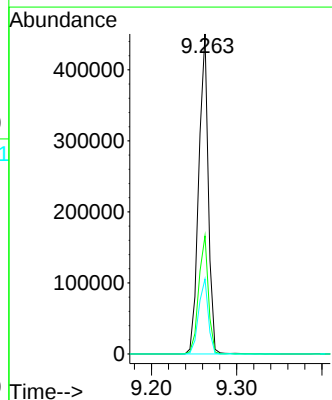
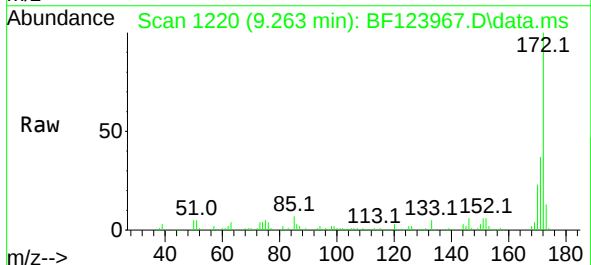


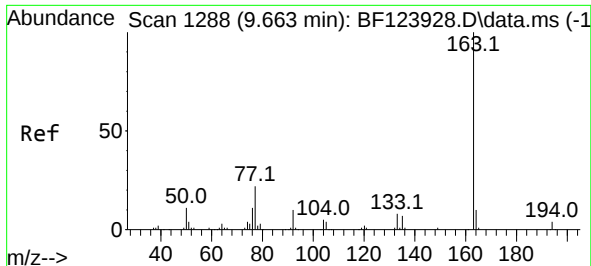
Tgt Ion: 330 Resp: 96491
Ion Ratio Lower Upper
330 100
332 100.9 77.1 115.7
141 38.8 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 55.87 ng
RT: 9.263 min Scan# 1220
Delta R.T. -0.000 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

Tgt Ion: 172 Resp: 350861
Ion Ratio Lower Upper
172 100
171 36.9 28.1 42.1
170 23.5 19.2 28.8

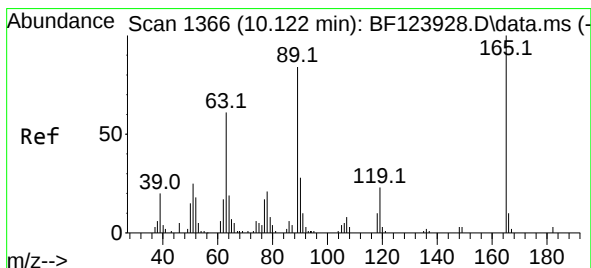
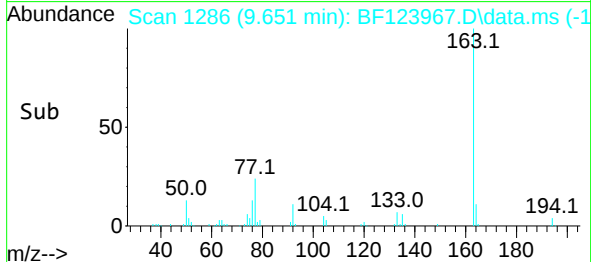
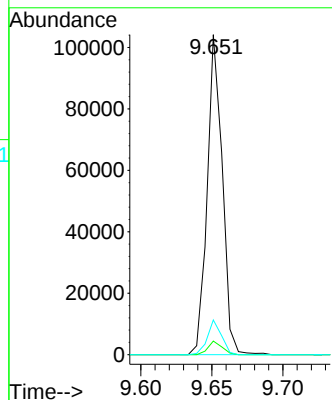
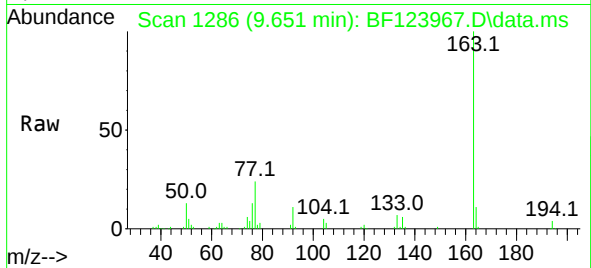




#50
Dimethylphthalate
Concen: 12.52 ng
RT: 9.651 min Scan# 1286
Delta R.T. -0.012 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

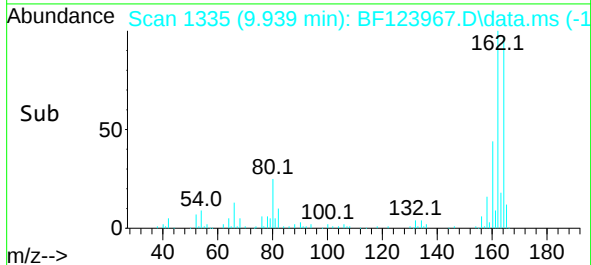
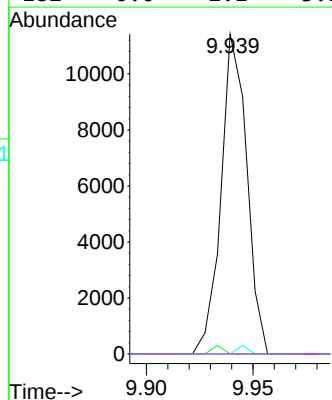
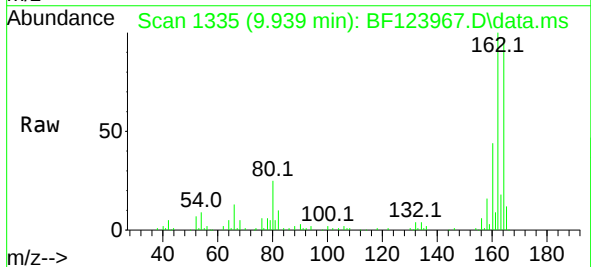
Instrument :
BNA_F
ClientSampled :
124035

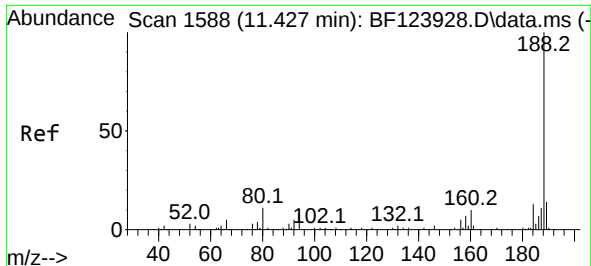
Tgt Ion:163 Resp: 77225
Ion Ratio Lower Upper
163 100
194 4.3 3.1 4.7
164 10.8 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 6.27 ng
RT: 9.939 min Scan# 1335
Delta R.T. -0.182 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

Tgt Ion:165 Resp: 9595
Ion Ratio Lower Upper
165 100
63 0.0 43.5 65.3#
89 0.0 67.7 101.5#
182 0.0 2.1 3.1#

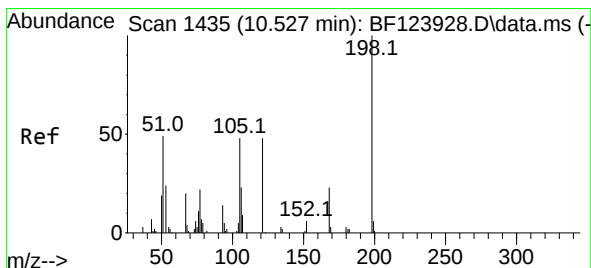
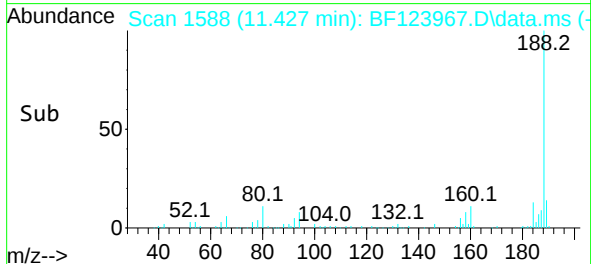
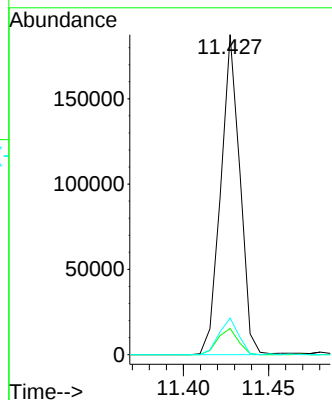
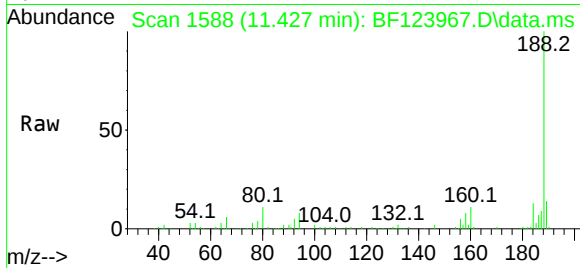




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

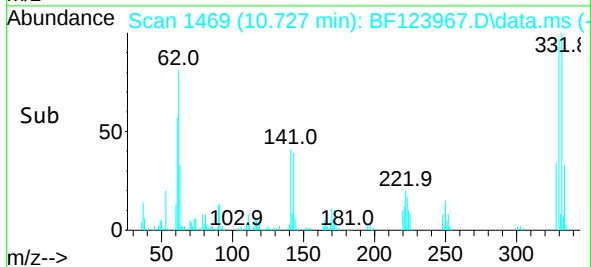
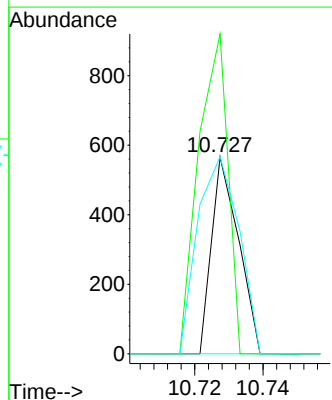
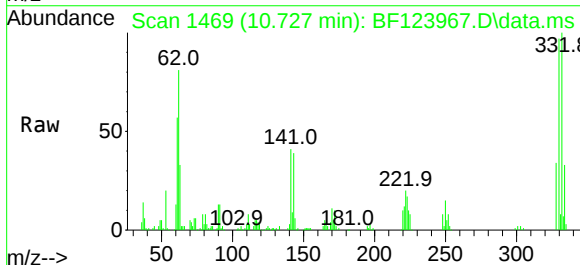
Instrument :
BNA_F
ClientSampled :
124035

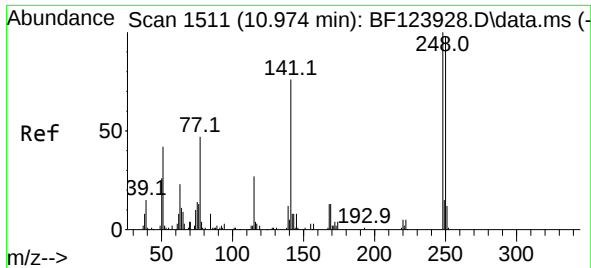
Tgt Ion:188 Resp: 146994
Ion Ratio Lower Upper
188 100
94 8.2 6.9 10.3
80 11.5 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.73 ng
RT: 10.727 min Scan# 1469
Delta R.T. 0.200 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

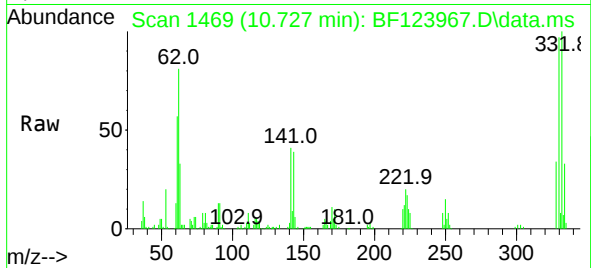
Tgt Ion:198 Resp: 310
Ion Ratio Lower Upper
198 100
51 162.5 64.8 104.8#
105 100.2 42.6 82.6#



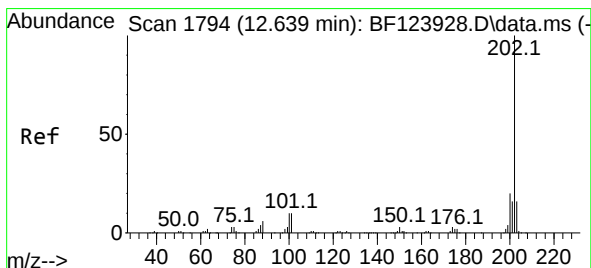
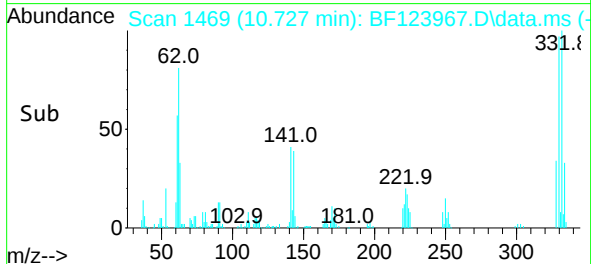
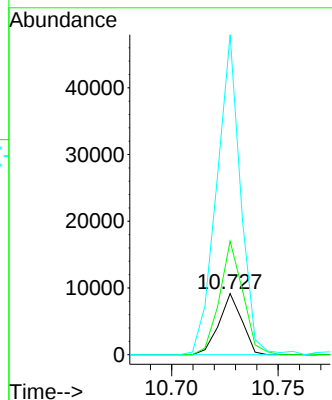


#67
4-Bromophenyl-phenylether
Concen: 3.53 ng
RT: 10.727 min Scan# 1469
Delta R.T. -0.247 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

Instrument :
BNA_F
ClientSampleId :
124035

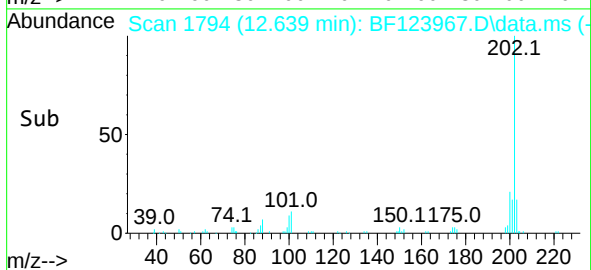
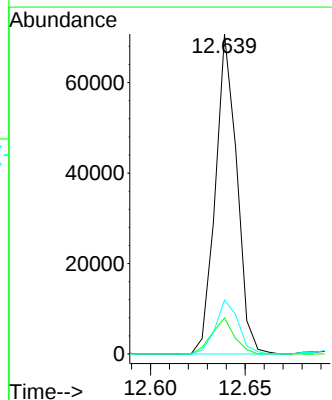
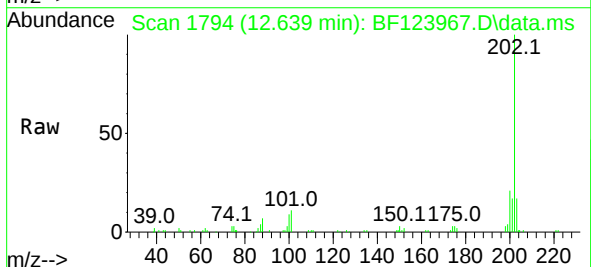


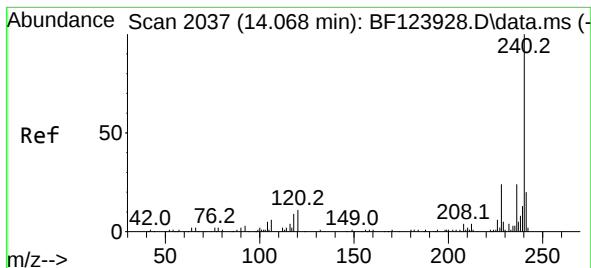
Tgt Ion:248 Resp: 6820
Ion Ratio Lower Upper
248 100
250 186.1 77.4 116.2#
141 524.0 63.7 95.5#



#75
Fluoranthene
Concen: 5.77 ng
RT: 12.639 min Scan# 1794
Delta R.T. -0.000 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

Tgt Ion:202 Resp: 55673
Ion Ratio Lower Upper
202 100
101 11.2 0.0 30.9
203 16.9 0.0 37.5

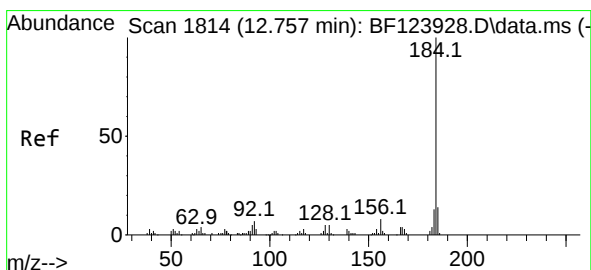
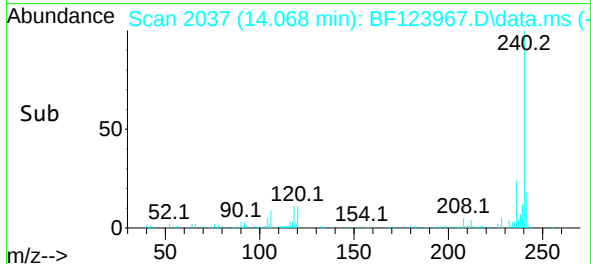
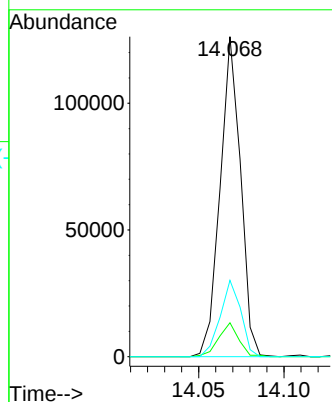
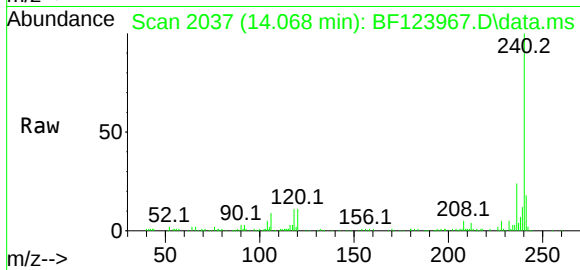




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. -0.000 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

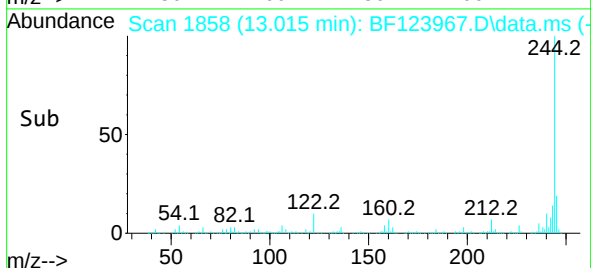
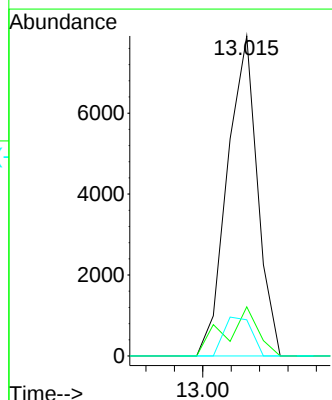
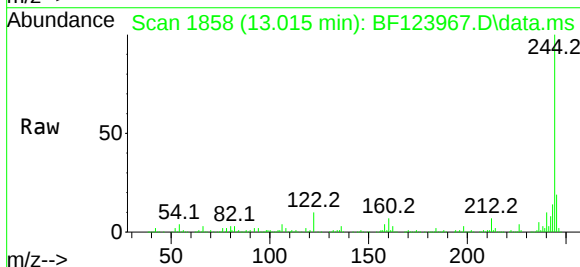
Instrument :
BNA_F
ClientSampleId :
124035

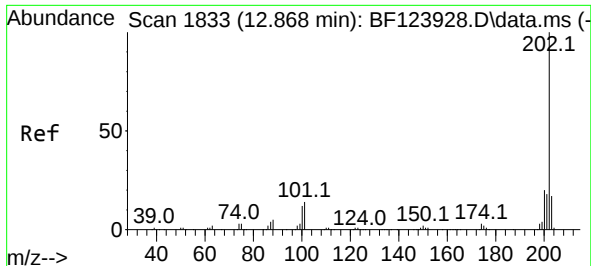
Tgt Ion:	240	Resp:	105360
Ion Ratio	Lower	Upper	
240	100		
120	10.6	7.2	10.8
236	23.9	19.0	28.4



#77
Benzidine
Concen: 2.29 ng
RT: 13.015 min Scan# 1858
Delta R.T. 0.259 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

Tgt Ion:	184	Resp:	5833
Ion Ratio	Lower	Upper	
184	100		
185	15.4	12.1	18.1
183	11.3	7.8	11.8

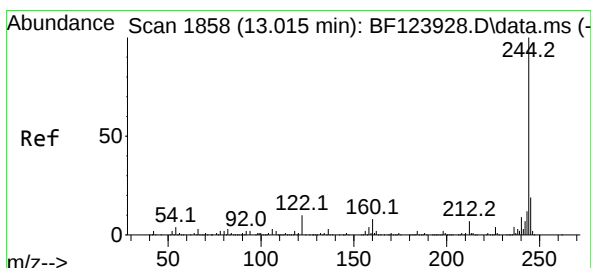
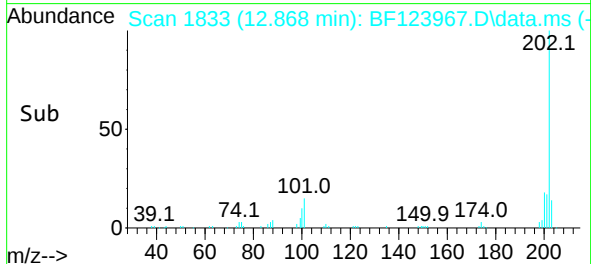
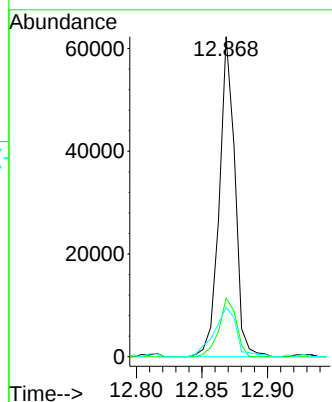
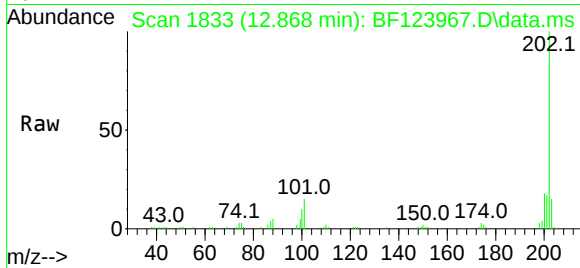




#78
Pyrene
Concen: 5.50 ng
RT: 12.868 min Scan# 1833
Delta R.T. -0.000 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

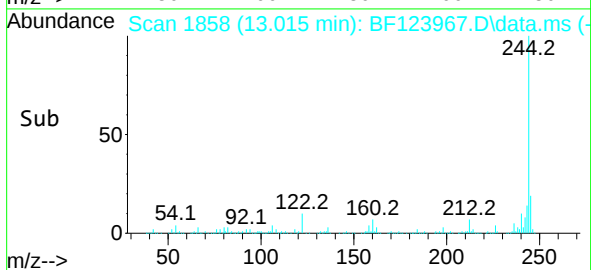
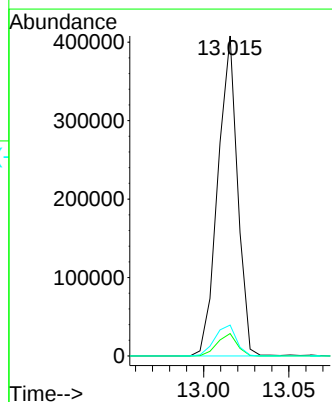
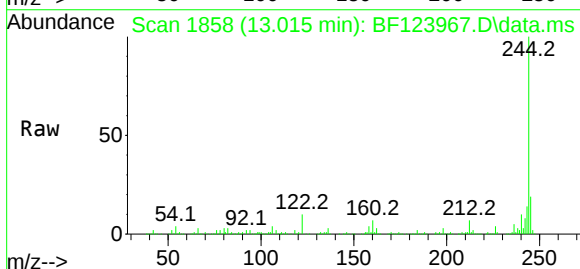
Instrument :
BNA_F
ClientSampleId :
124035

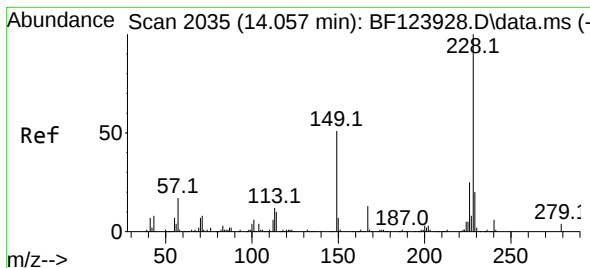
Tgt Ion:202	Resp:	51478
Ion Ratio	Lower	Upper
202	100	
200	18.3	16.1 24.1
203	15.4	14.8 22.2



#79
Terphenyl-d14
Concen: 47.11 ng
RT: 13.015 min Scan# 1858
Delta R.T. -0.000 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

Tgt Ion:244	Resp:	327691
Ion Ratio	Lower	Upper
244	100	
212	7.0	5.7 8.5
122	9.7	9.7 14.5

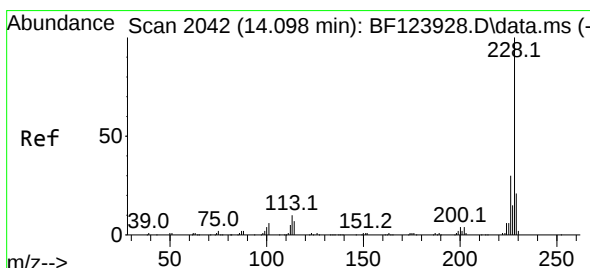
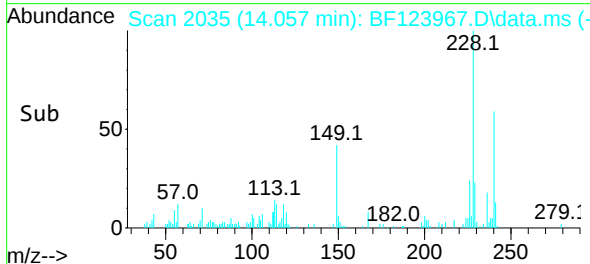
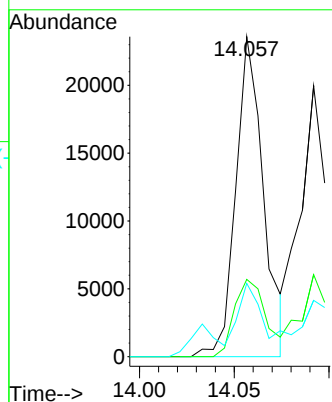
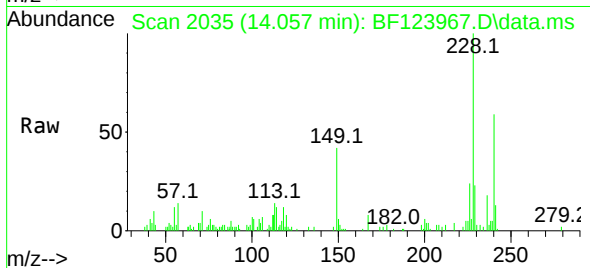




#81
Benzo(a)anthracene
Concen: 3.15 ng
RT: 14.057 min Scan# 2035
Delta R.T. -0.000 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

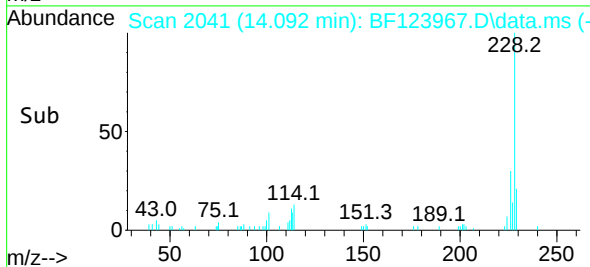
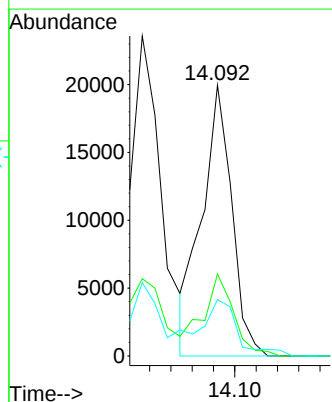
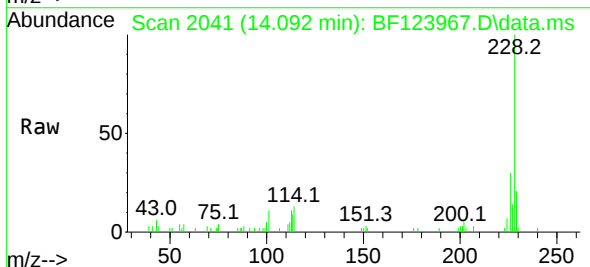
Instrument :
BNA_F
ClientSampled :
124035

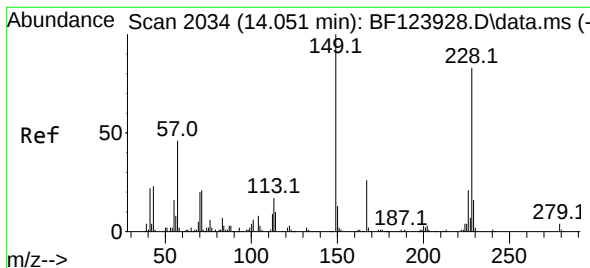
Tgt Ion:228 Resp: 23974
Ion Ratio Lower Upper
228 100
226 24.1 22.4 33.6
229 22.9 16.0 24.0



#83
Chrysene
Concen: 2.66 ng
RT: 14.092 min Scan# 2041
Delta R.T. -0.006 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

Tgt Ion:228 Resp: 19470
Ion Ratio Lower Upper
228 100
226 30.3 24.3 36.5
229 20.8 16.2 24.2

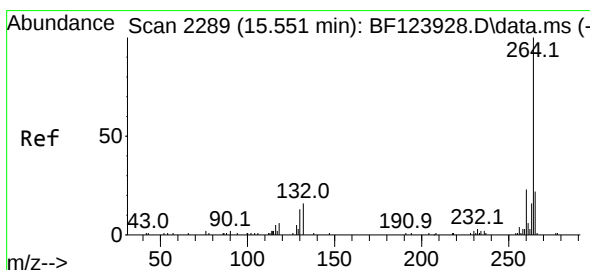
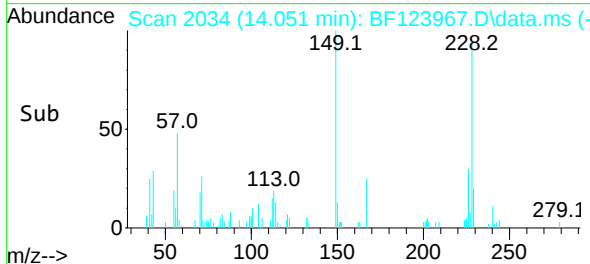
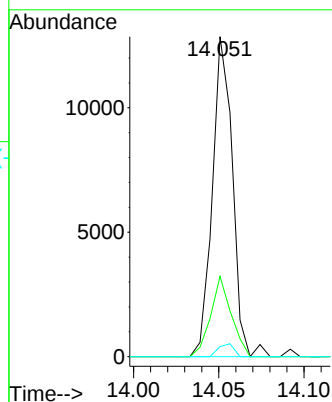
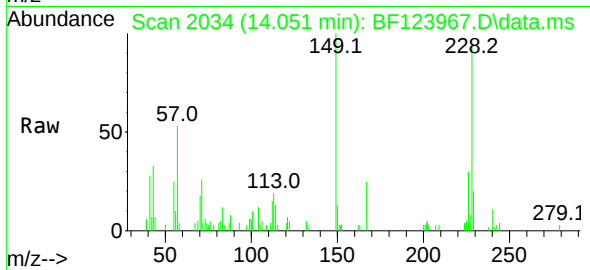




#84
Bis(2-ethylhexyl)phthalate
Concen: 2.04 ng
RT: 14.051 min Scan# 2034
Delta R.T. -0.000 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

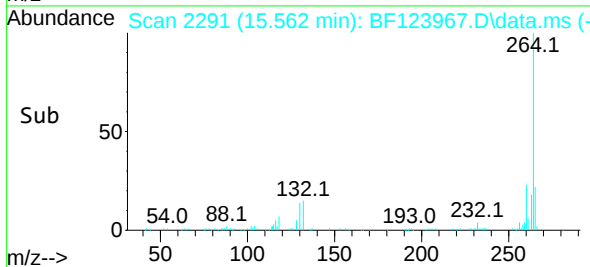
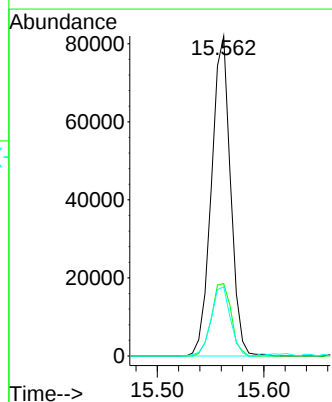
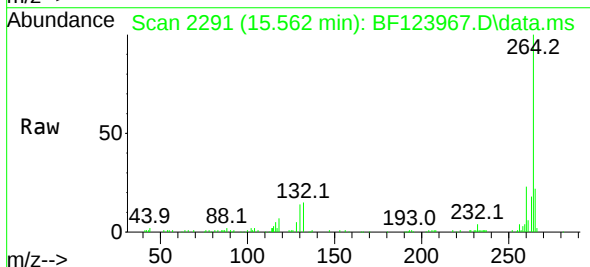
Instrument :
BNA_F
ClientSampled :
124035

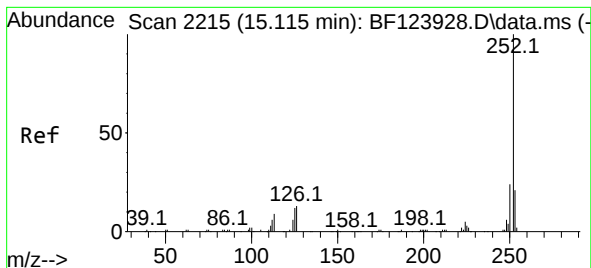
Tgt Ion:149 Resp: 10561
Ion Ratio Lower Upper
149 100
167 25.1 21.8 32.6
279 3.2 3.3 4.9#



#86
Perylene-d12
Concen: 20.00 ng
RT: 15.562 min Scan# 2291
Delta R.T. 0.012 min
Lab File: BF123967.D
Acq: 17 May 2021 17:12

Tgt Ion:264 Resp: 102016
Ion Ratio Lower Upper
264 100
260 22.6 18.7 28.1
265 21.6 17.8 26.8





#88

Benzo(b)fluoranthene

Concen: 3.97 ng

RT: 15.115 min Scan# 2215

Delta R.T. -0.000 min

Lab File: BF123967.D

Acq: 17 May 2021 17:12

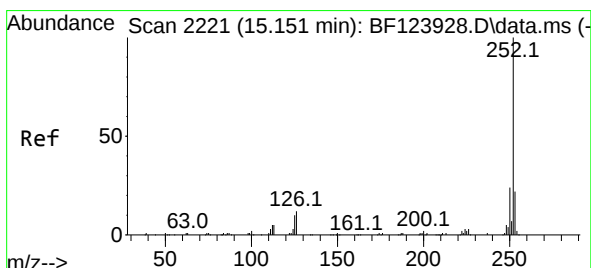
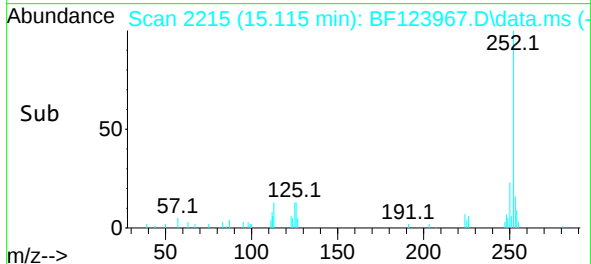
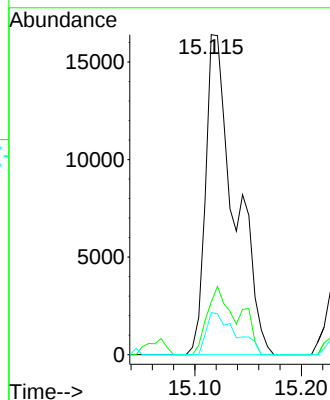
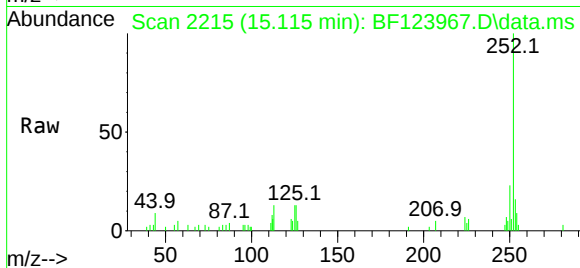
Tgt Ion:252	Resp:	31315
Ion Ratio	Lower	Upper
252	100	
253	16.5	18.1 27.1#
125	13.2	6.2 9.4#

Instrument :

BNA_F

ClientSampleId :

124035



#89

Benzo(k)fluoranthene

Concen: 4.35 ng

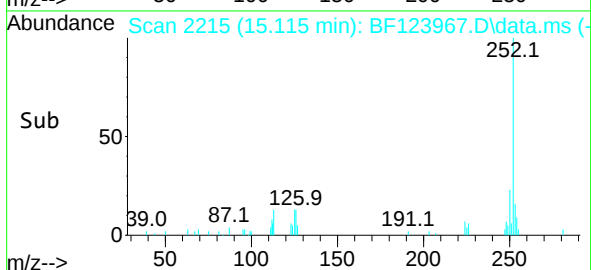
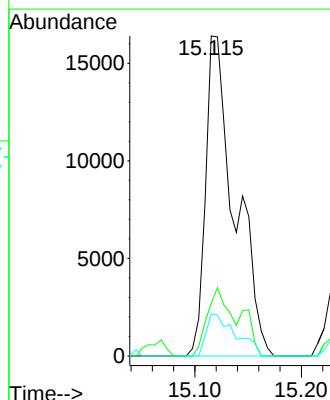
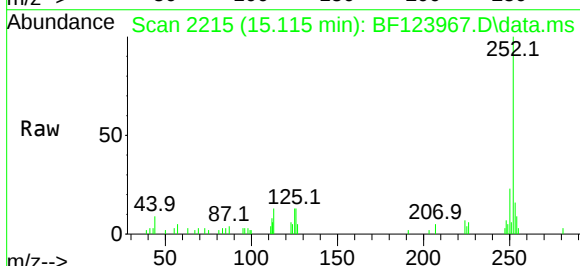
RT: 15.115 min Scan# 2215

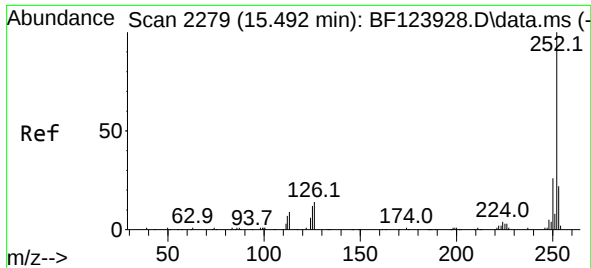
Delta R.T. -0.035 min

Lab File: BF123967.D

Acq: 17 May 2021 17:12

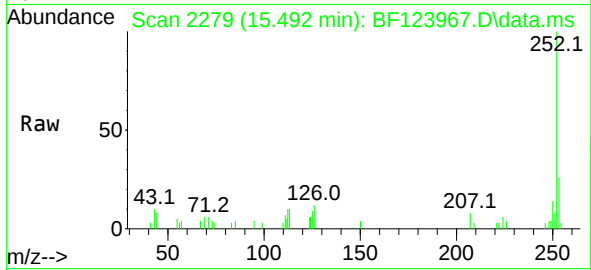
Tgt Ion:252	Resp:	31315
Ion Ratio	Lower	Upper
252	100	
253	16.5	17.9 26.9#
125	13.2	7.0 10.6#





#90
 Benzo(a)pyrene
 Concen: 2.01 ng
 RT: 15.492 min Scan# 2279
 Delta R.T. -0.000 min
 Lab File: BF123967.D
 Acq: 17 May 2021 17:12

Instrument :
 BNA_F
 ClientSampleId :
 124035



Tgt Ion:252 Resp: 13696
 Ion Ratio Lower Upper
 252 100
 253 26.3 18.4 27.6
 125 9.3 8.0 12.0

