

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
 Data File : BF123987.D
 Acq On : 19 May 2021 13:28
 Operator : JU/CG
 Sample : M2433-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 GPLD

Quant Time: May 19 13:59:09 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)

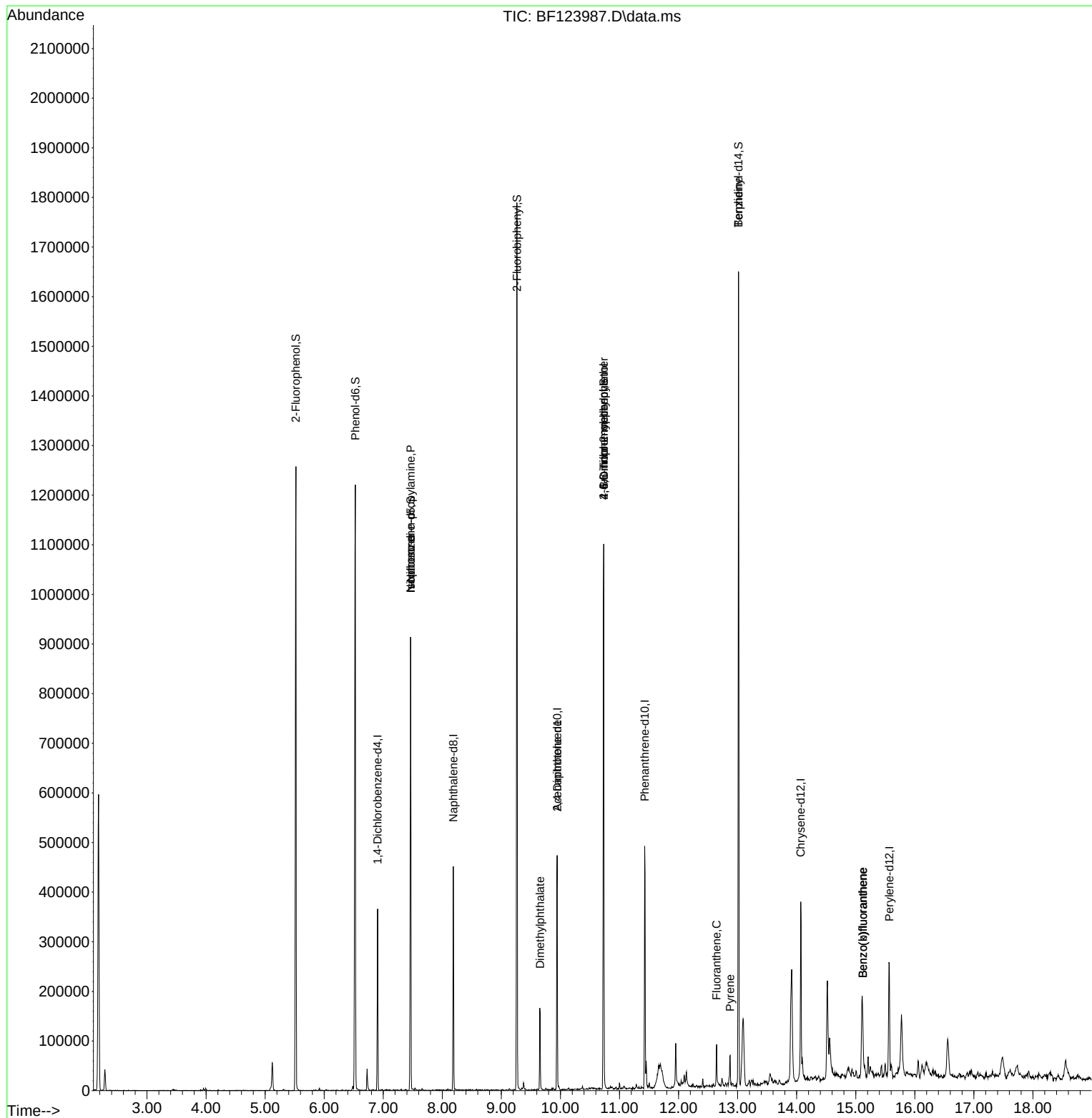
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.904	152	40167	20.00	ng	0.00
21) Naphthalene-d8	8.187	136	149848	20.00	ng	# 0.00
39) Acenaphthene-d10	9.945	164	87924	20.00	ng	0.00
64) Phenanthrene-d10	11.427	188	163464	20.00	ng	0.00
76) Chrysene-d12	14.068	240	101793	20.00	ng	# 0.00
86) Perylene-d12	15.568	264	100567	20.00	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	272338	95.20	ng	0.01
7) Phenol-d6	6.528	99	344478	92.82	ng	0.00
23) Nitrobenzene-d5	7.463	82	245443	70.57	ng	0.00
42) 2,4,6-Tribromophenol	10.733	330	111524	105.60	ng	0.00
45) 2-Fluorobiphenyl	9.263	172	442769	61.97	ng	0.00
79) Terphenyl-d14	13.016	244	453129	67.42	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.463	70	36198	14.43	ng	# 79
25) Isophorone	7.463	82	245439	36.69	ng	# 69
50) Dimethylphthalate	9.657	163	60280	8.59	ng	96
57) 2,4-Dinitrotoluene	9.945	165	11240	6.45	ng	# 18
65) 4,6-Dinitro-2-methylph...	10.733	198	269	5.66	ng	# 1
67) 4-Bromophenyl-phenylether	10.733	248	7448	3.47	ng	# 1
75) Fluoranthene	12.645	202	30627	2.86	ng	96
77) Benzidine	13.016	184	6536	2.66	ng	# 80
78) Pyrene	12.874	202	23687	2.62	ng	98
88) Benzo(b)fluoranthene	15.121	252	21078	2.71	ng	# 90
89) Benzo(k)fluoranthene	15.121	252	21078	2.97	ng	# 91

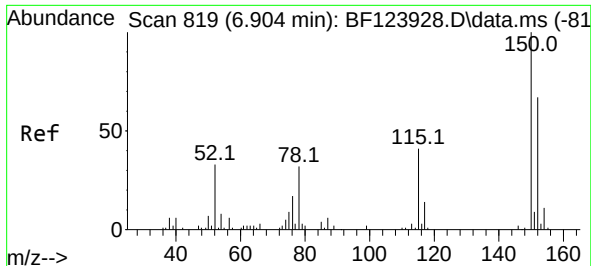
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF051921\
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Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri May 14 19:05:57 2021
Response via : Initial Calibration

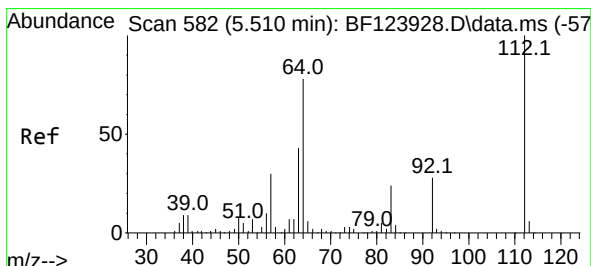
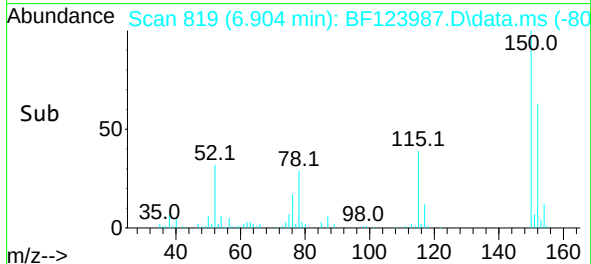
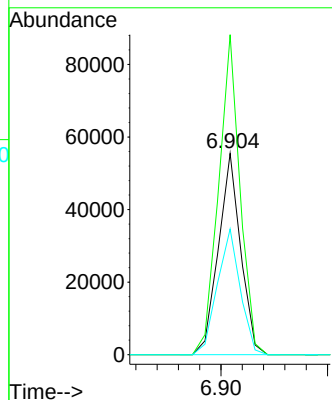
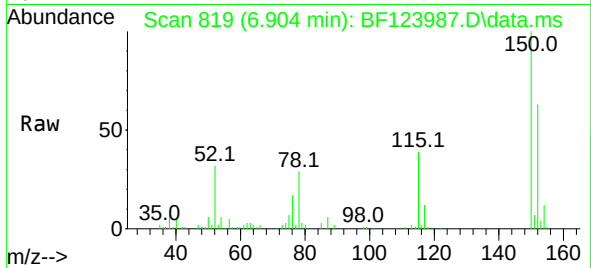




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.904 min Scan# 819
Delta R.T. 0.000 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

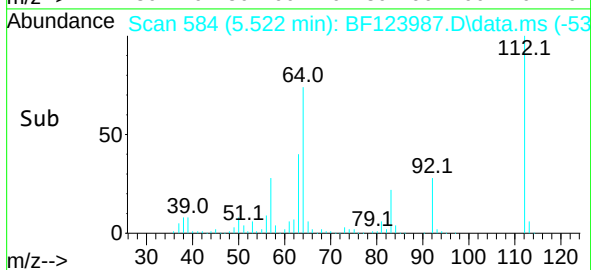
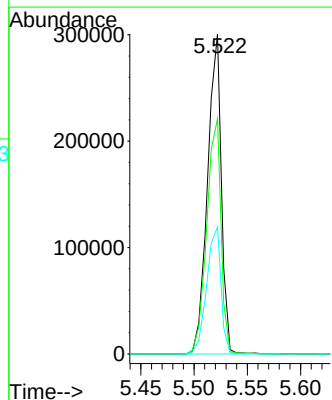
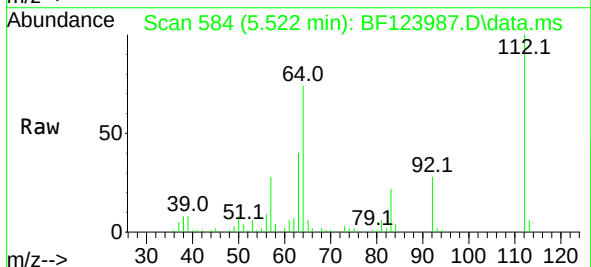
Instrument :
BNA_F
ClientSampleId :
GPLD

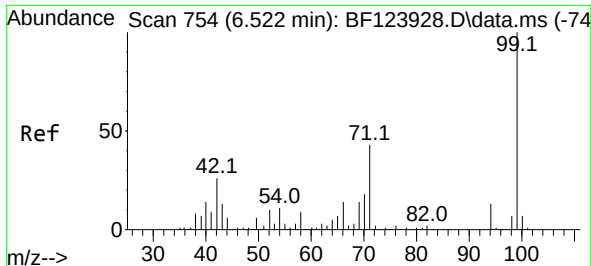
Tgt Ion:152 Resp: 40167
Ion Ratio Lower Upper
152 100
150 159.0 127.0 190.6
115 62.5 54.3 81.5



#5
2-Fluorophenol
Concen: 95.20 ng
RT: 5.522 min Scan# 584
Delta R.T. 0.012 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

Tgt Ion:112 Resp: 272338
Ion Ratio Lower Upper
112 100
64 73.5 61.4 92.0
63 39.7 33.0 49.4

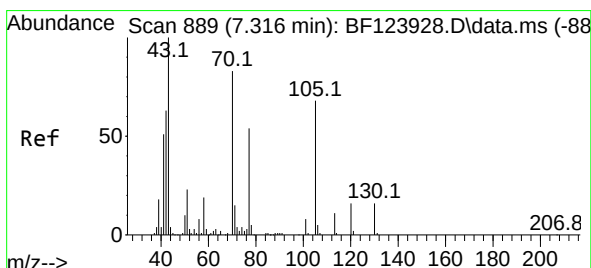
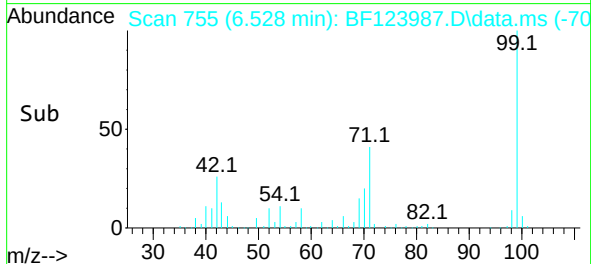
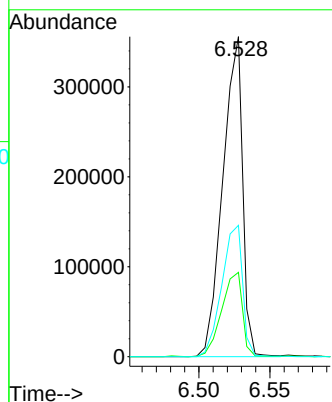
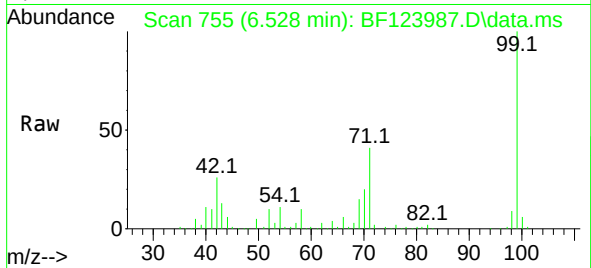




#7
Phenol-d6
Concen: 92.82 ng
RT: 6.528 min Scan# 755
Delta R.T. 0.006 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

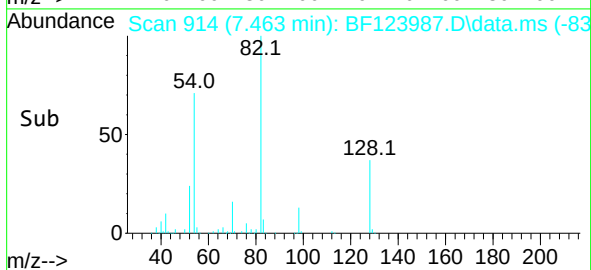
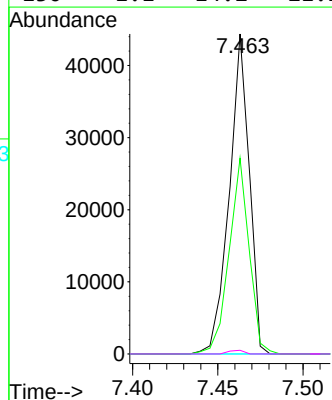
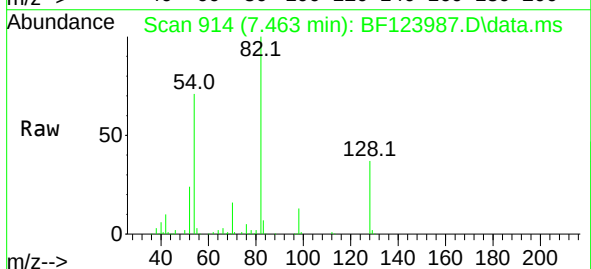
Instrument :
BNA_F
ClientSampleId :
GPLD

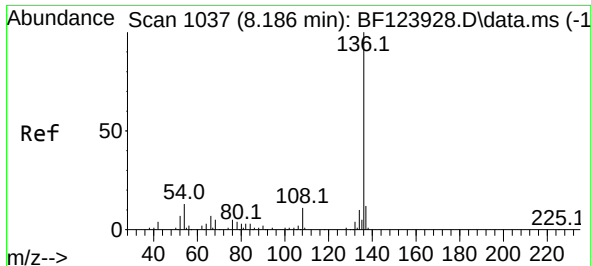
Tgt Ion: 99 Resp: 344478
Ion Ratio Lower Upper
99 100
42 26.4 19.8 29.8
71 41.0 31.1 46.7



#19
n-Nitroso-di-n-propylamine
Concen: 14.43 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.147 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

Tgt Ion: 70 Resp: 36198
Ion Ratio Lower Upper
70 100
42 61.2 60.1 90.1
101 0.0 7.4 11.2#
130 1.1 14.2 21.2#

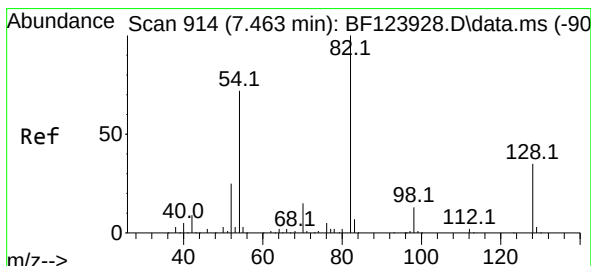
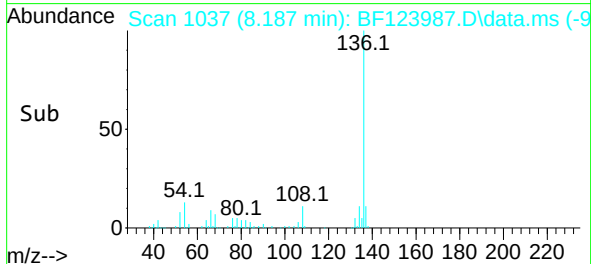
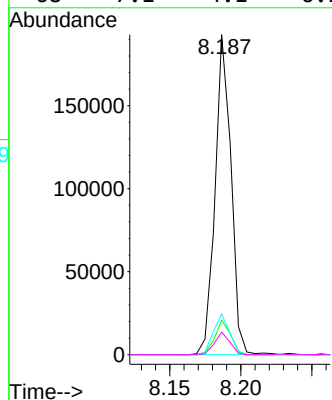
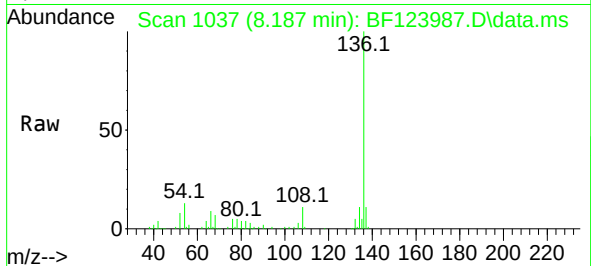




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.187 min Scan# 1037
Delta R.T. 0.001 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

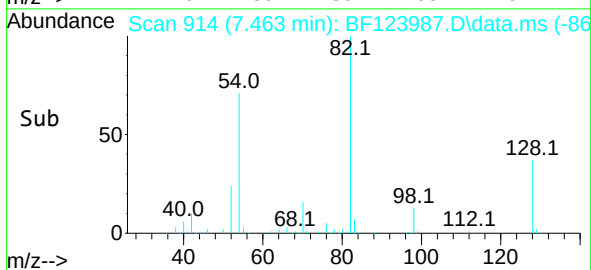
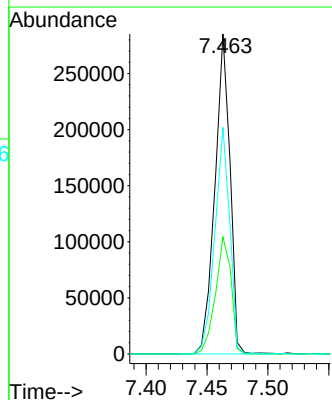
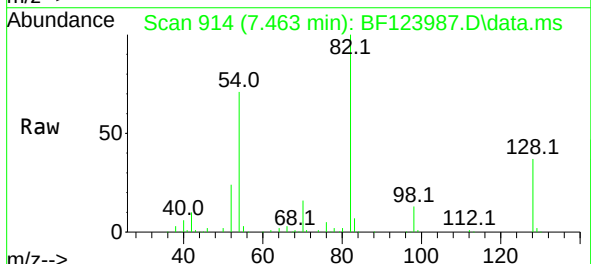
Instrument :
BNA_F
ClientSampleId :
GPLD

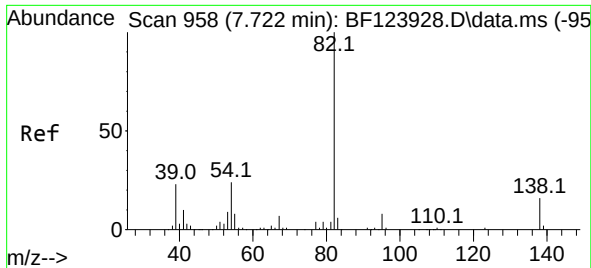
Tgt Ion:136 Resp: 149848
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 12.7 9.8 14.6
68 7.1 4.1 6.1#



#23
Nitrobenzene-d5
Concen: 70.57 ng
RT: 7.463 min Scan# 914
Delta R.T. 0.000 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

Tgt Ion: 82 Resp: 245443
Ion Ratio Lower Upper
82 100
128 36.5 29.4 44.2
54 70.8 54.1 81.1

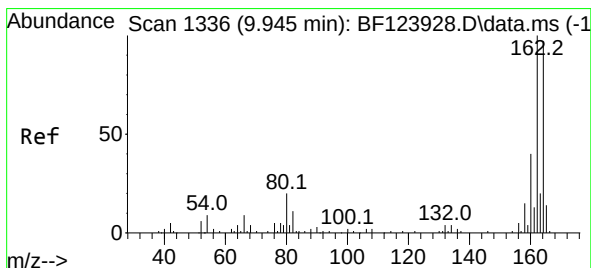
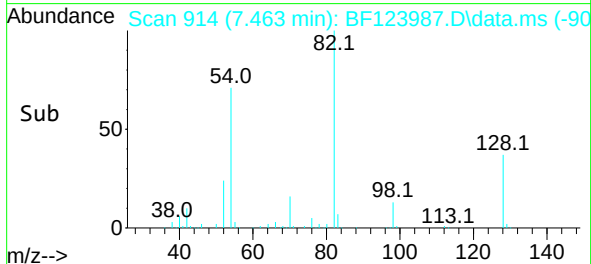
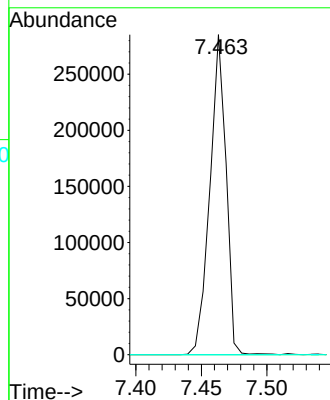
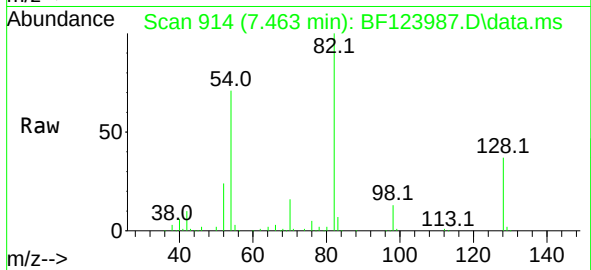




#25
Isophorone
Concen: 36.69 ng
RT: 7.463 min Scan# 914
Delta R.T. -0.259 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

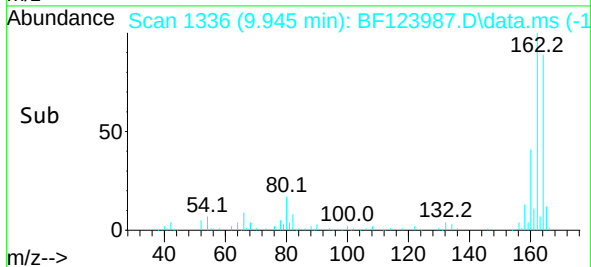
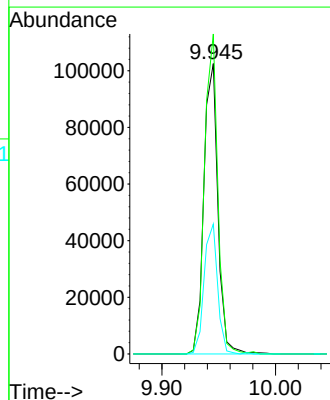
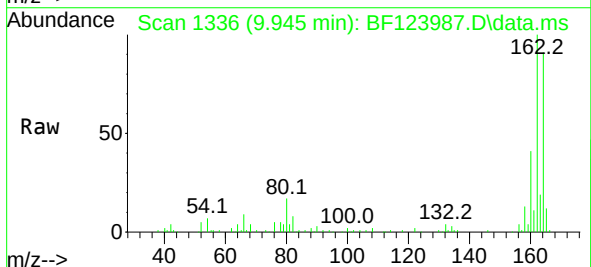
Instrument :
BNA_F
ClientSampleId :
GPLD

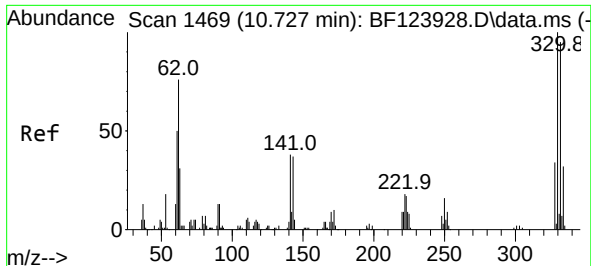
Tgt Ion: 82 Resp: 245439
Ion Ratio Lower Upper
82 100
95 0.0 5.8 8.6#
138 0.0 11.8 17.8#



#39
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.945 min Scan# 1336
Delta R.T. 0.000 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

Tgt Ion: 164 Resp: 87924
Ion Ratio Lower Upper
164 100
162 110.2 80.7 121.1
160 44.7 37.3 55.9

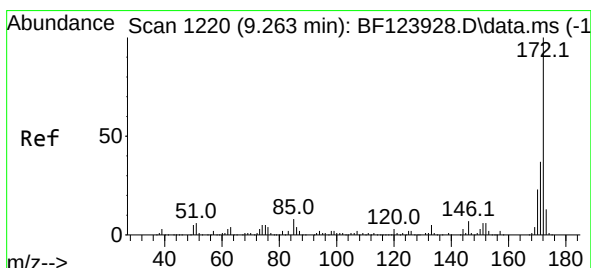
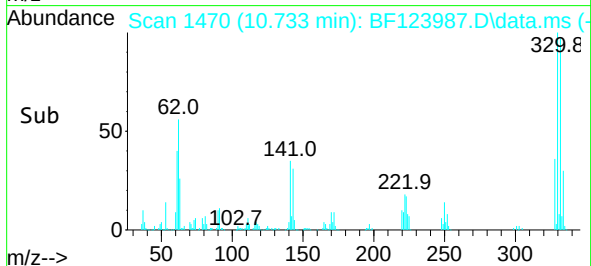
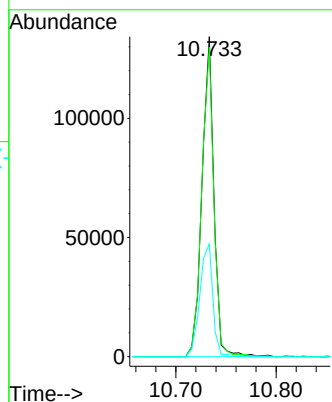
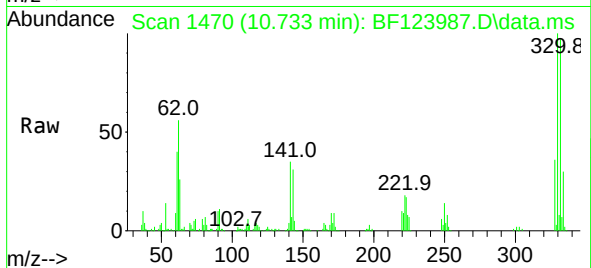




#42
2,4,6-Tribromophenol
Concen: 105.60 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.006 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

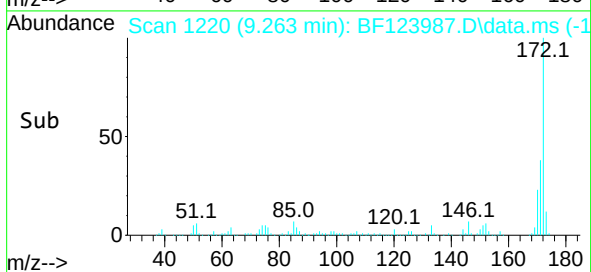
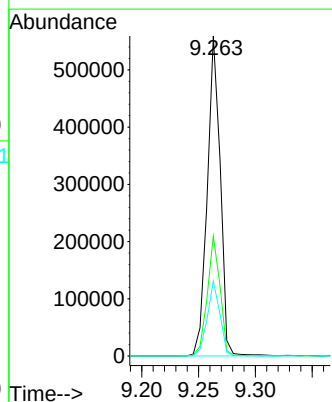
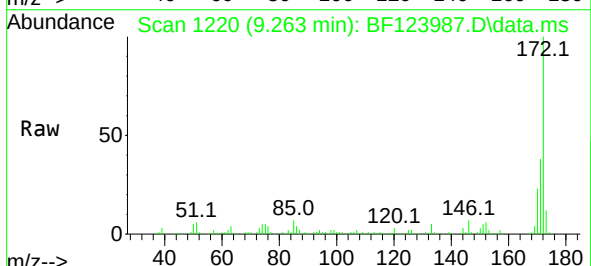
Instrument :
BNA_F
ClientSampleId :
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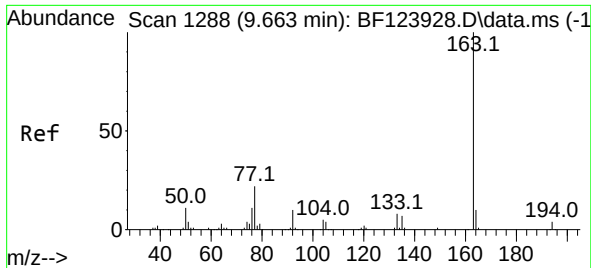
Tgt Ion: 330 Resp: 111524
Ion Ratio Lower Upper
330 100
332 98.2 77.1 115.7
141 38.5 27.9 41.9



#45
2-Fluorobiphenyl
Concen: 61.97 ng
RT: 9.263 min Scan# 1220
Delta R.T. 0.000 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

Tgt Ion: 172 Resp: 442769
Ion Ratio Lower Upper
172 100
171 37.5 28.1 42.1
170 23.4 19.2 28.8

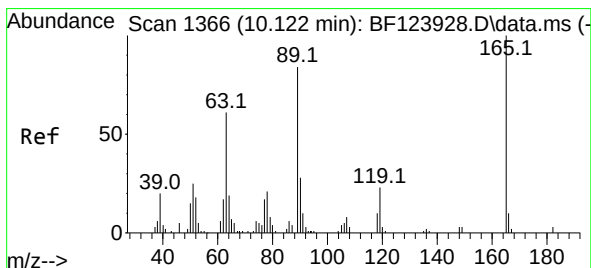
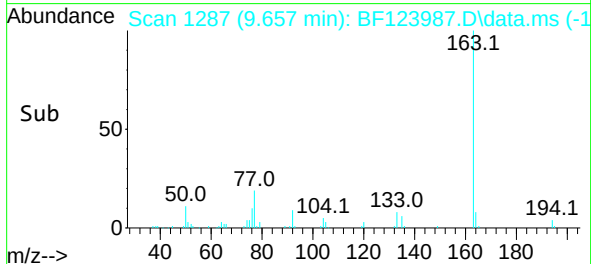
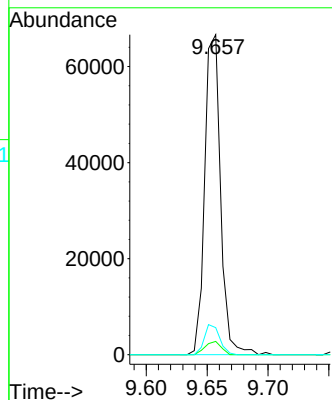
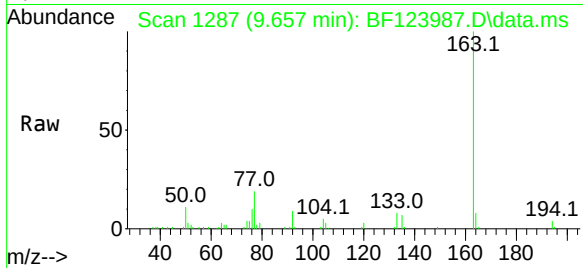




#50
Dimethylphthalate
Concen: 8.59 ng
RT: 9.657 min Scan# 1287
Delta R.T. -0.006 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

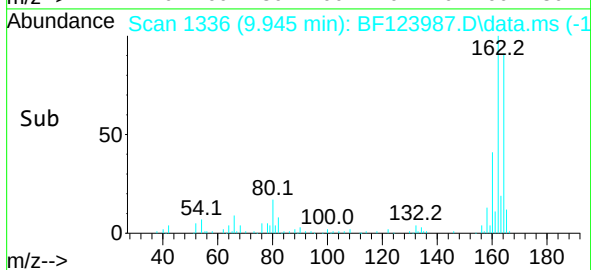
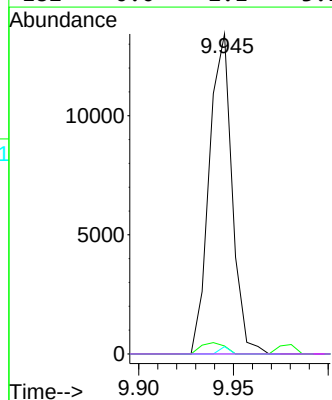
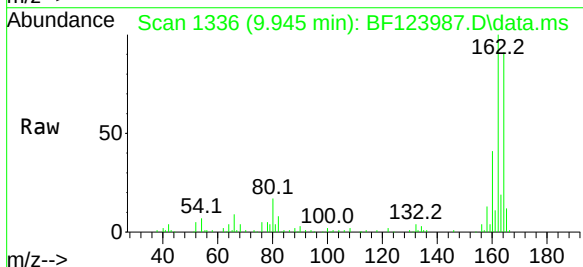
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BNA_F
ClientSampled :
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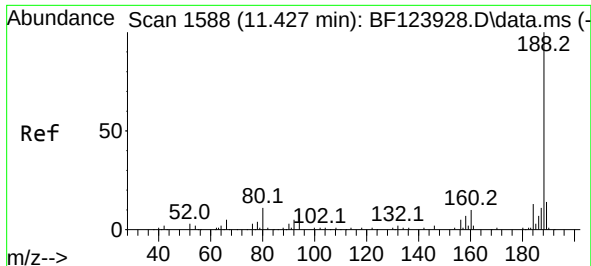
Tgt Ion:163 Resp: 60280
Ion Ratio Lower Upper
163 100
194 4.1 3.1 4.7
164 8.4 8.2 12.2



#57
2,4-Dinitrotoluene
Concen: 6.45 ng
RT: 9.945 min Scan# 1336
Delta R.T. -0.176 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

Tgt Ion:165 Resp: 11240
Ion Ratio Lower Upper
165 100
63 2.5 43.5 65.3#
89 2.3 67.7 101.5#
182 0.0 2.1 3.1#

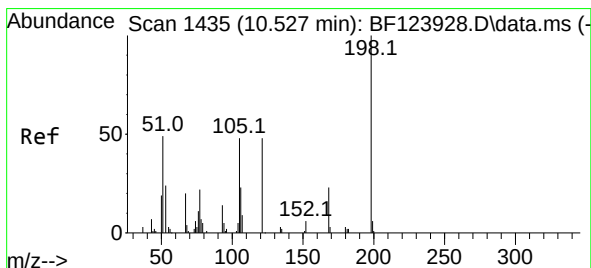
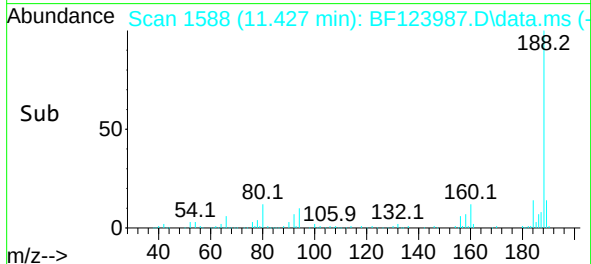
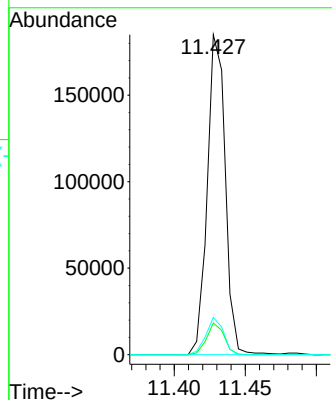
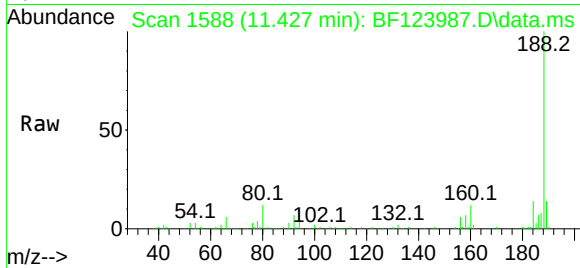




#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.427 min Scan# 1588
Delta R.T. 0.000 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

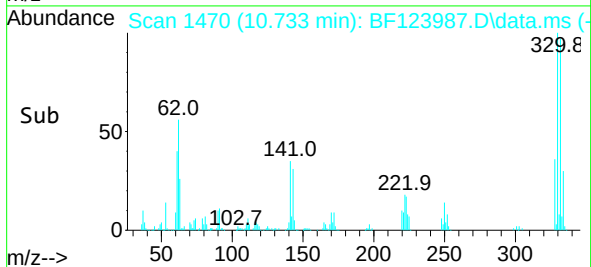
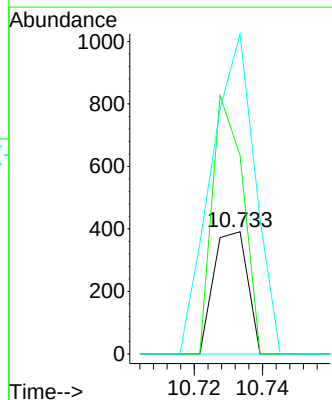
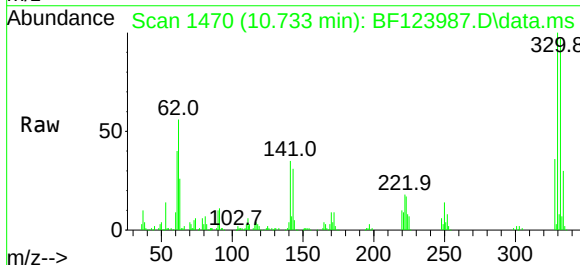
Instrument :
BNA_F
ClientSampleId :
GPLD

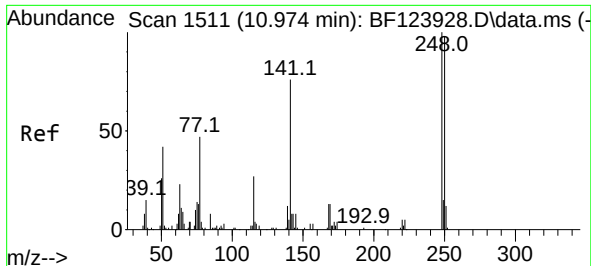
Tgt Ion:188 Resp: 163464
Ion Ratio Lower Upper
188 100
94 9.9 6.9 10.3
80 11.7 8.2 12.2



#65
4,6-Dinitro-2-methylphenol
Concen: 5.66 ng
RT: 10.733 min Scan# 1470
Delta R.T. 0.206 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

Tgt Ion:198 Resp: 269
Ion Ratio Lower Upper
198 100
51 162.7 64.8 104.8#
105 261.9 42.6 82.6#

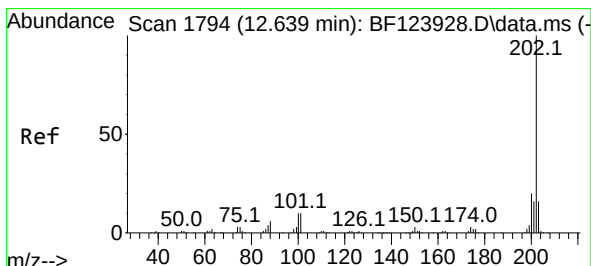
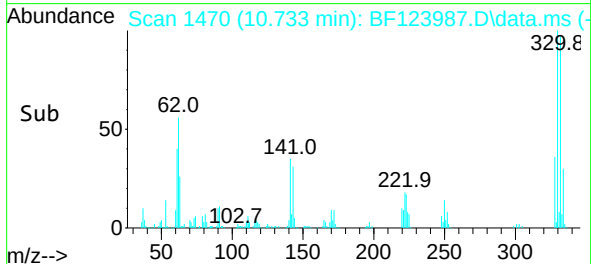
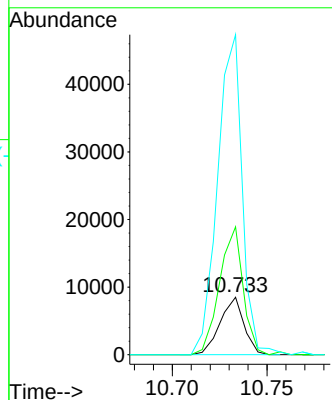
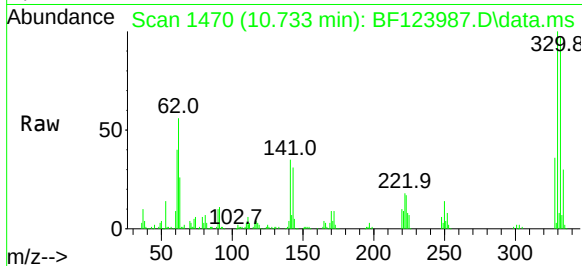




#67
4-Bromophenyl-phenylether
Concen: 3.47 ng
RT: 10.733 min Scan# 1470
Delta R.T. -0.241 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

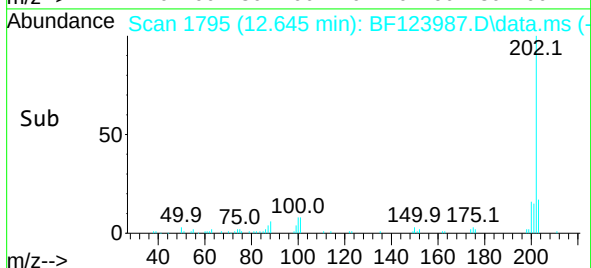
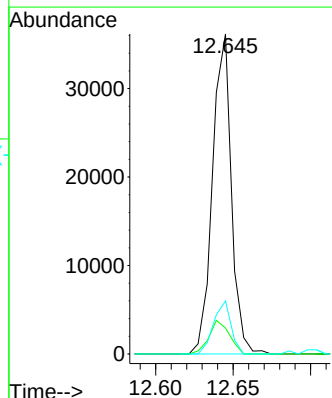
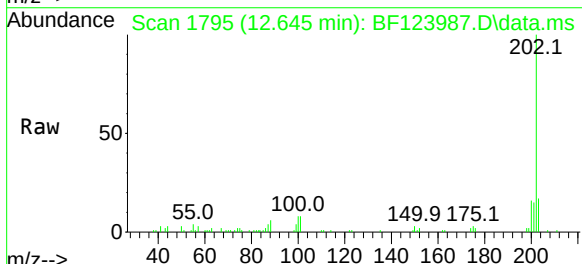
Instrument :
BNA_F
ClientSampled :
GPLD

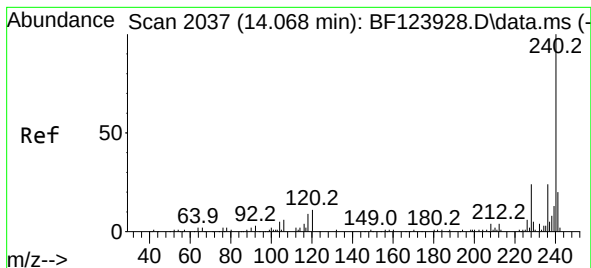
Tgt Ion:248 Resp: 7448
Ion Ratio Lower Upper
248 100
250 222.9 77.4 116.2#
141 557.8 63.7 95.5#



#75
Fluoranthene
Concen: 2.86 ng
RT: 12.645 min Scan# 1795
Delta R.T. 0.006 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

Tgt Ion:202 Resp: 30627
Ion Ratio Lower Upper
202 100
101 8.1 0.0 30.9
203 16.5 0.0 37.5

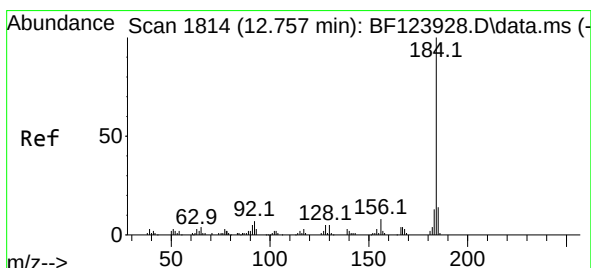
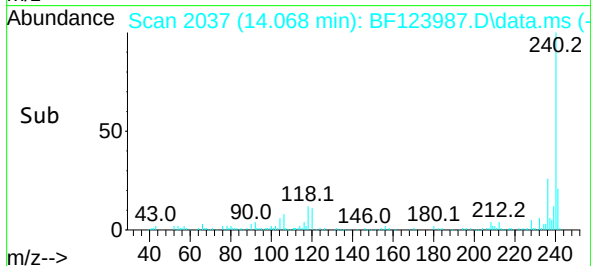
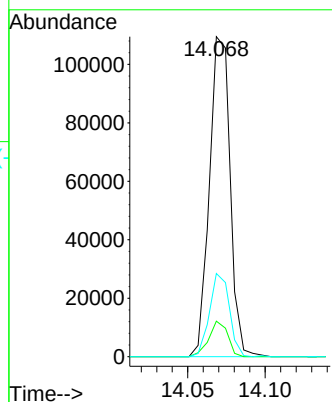
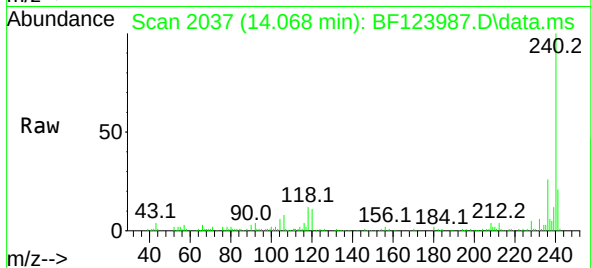




#76
Chrysene-d12
Concen: 20.00 ng
RT: 14.068 min Scan# 2037
Delta R.T. 0.000 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

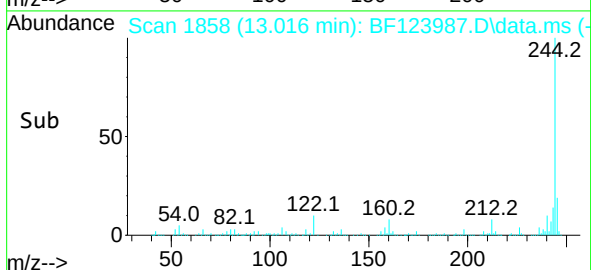
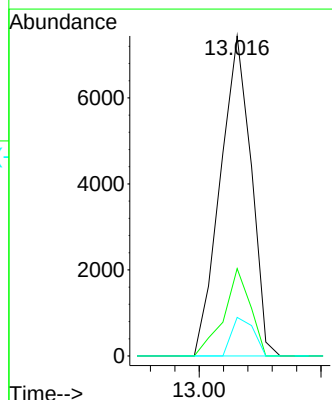
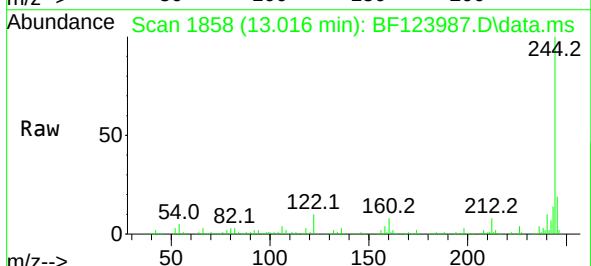
Instrument :
BNA_F
ClientSampleID :
GPLD

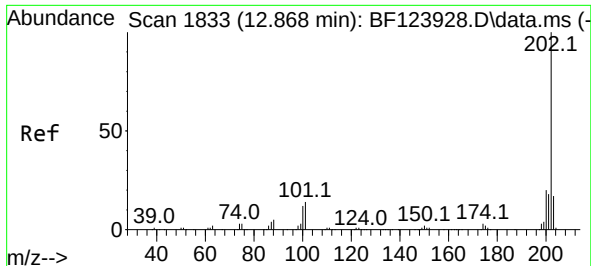
Tgt Ion:240 Resp: 101793
Ion Ratio Lower Upper
240 100
120 11.1 7.2 10.8#
236 26.0 19.0 28.4



#77
Benzidine
Concen: 2.66 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.259 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

Tgt Ion:184 Resp: 6536
Ion Ratio Lower Upper
184 100
185 27.3 12.1 18.1#
183 12.1 7.8 11.8#

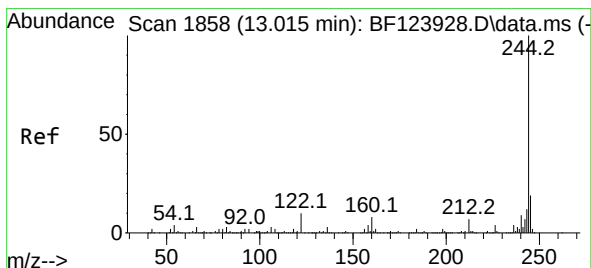
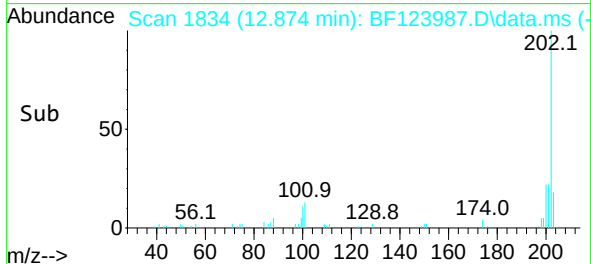
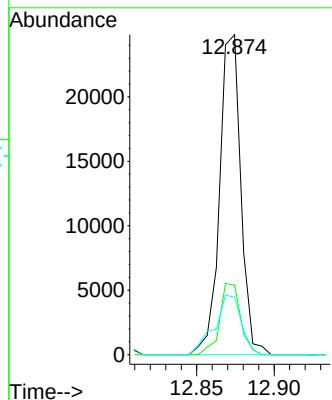
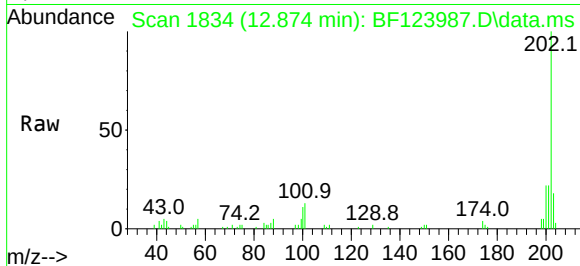




#78
Pyrene
Concen: 2.62 ng
RT: 12.874 min Scan# 1834
Delta R.T. 0.006 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

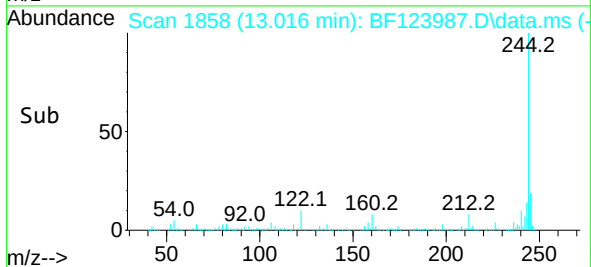
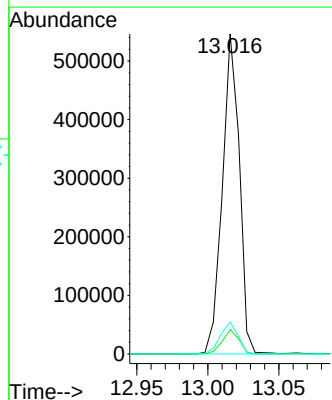
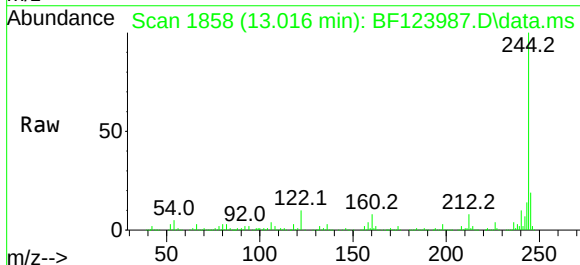
Instrument :
BNA_F
ClientSampled :
GPLD

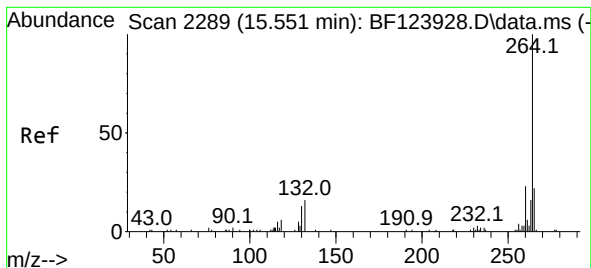
Tgt Ion:202 Resp: 23687
Ion Ratio Lower Upper
202 100
200 21.8 16.1 24.1
203 18.0 14.8 22.2



#79
Terphenyl-d14
Concen: 67.42 ng
RT: 13.016 min Scan# 1858
Delta R.T. 0.000 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

Tgt Ion:244 Resp: 453129
Ion Ratio Lower Upper
244 100
212 7.6 5.7 8.5
122 10.0 9.7 14.5

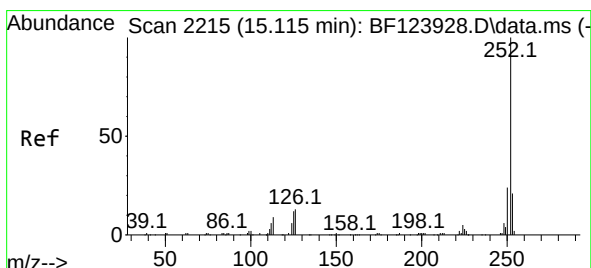
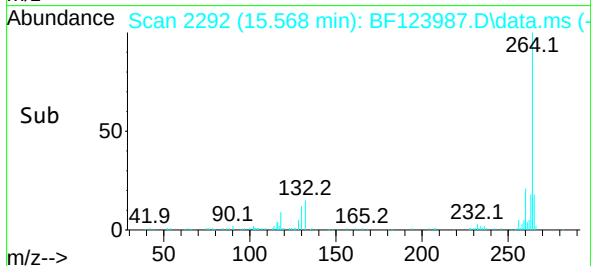
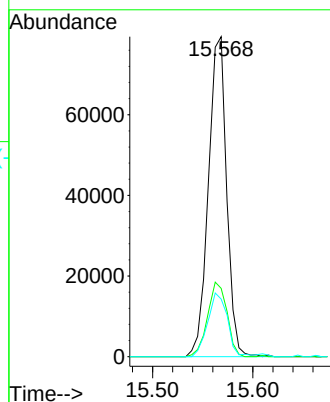
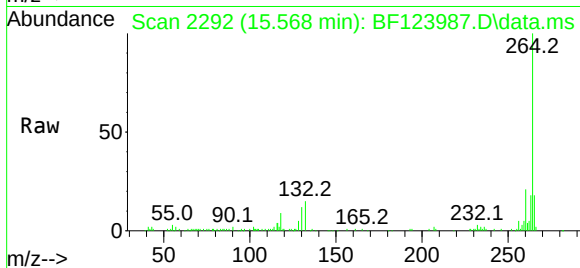




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.568 min Scan# 2292
Delta R.T. 0.018 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

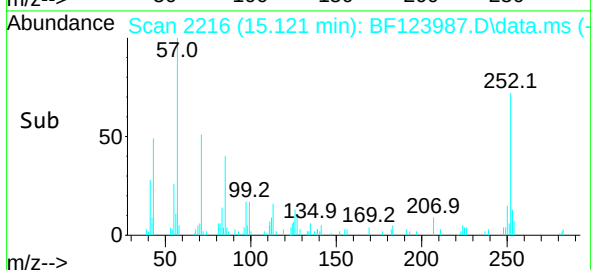
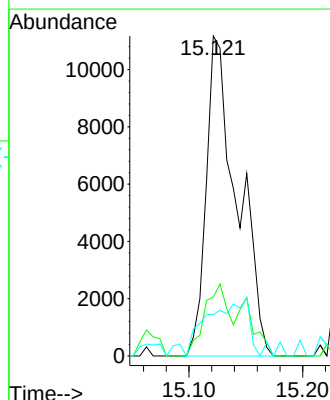
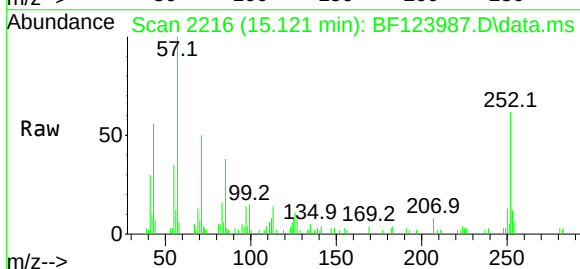
Instrument :
BNA_F
ClientSampleId :
GPLD

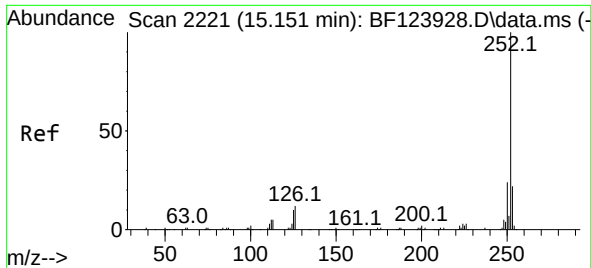
Tgt Ion:264 Resp: 100567
Ion Ratio Lower Upper
264 100
260 21.4 18.7 28.1
265 18.0 17.8 26.8



#88
Benzo(b)fluoranthene
Concen: 2.71 ng
RT: 15.121 min Scan# 2216
Delta R.T. 0.006 min
Lab File: BF123987.D
Acq: 19 May 2021 13:28

Tgt Ion:252 Resp: 21078
Ion Ratio Lower Upper
252 100
253 18.5 18.1 27.1
125 12.9 6.2 9.4#





#89

Benzo(k)fluoranthene

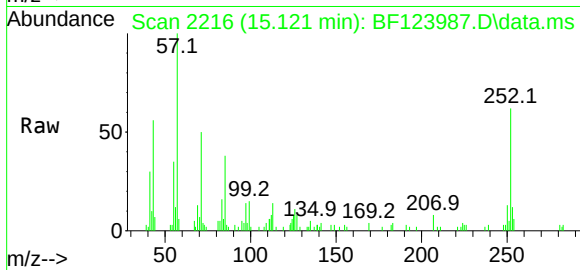
Concen: 2.97 ng

RT: 15.121 min Scan# 2216

Delta R.T. -0.029 min

Lab File: BF123987.D

Acq: 19 May 2021 13:28



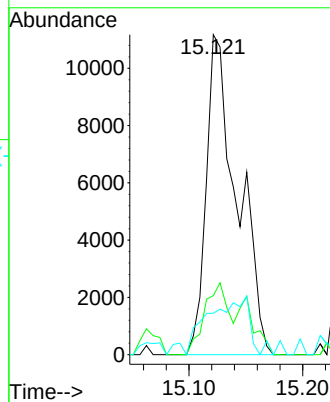
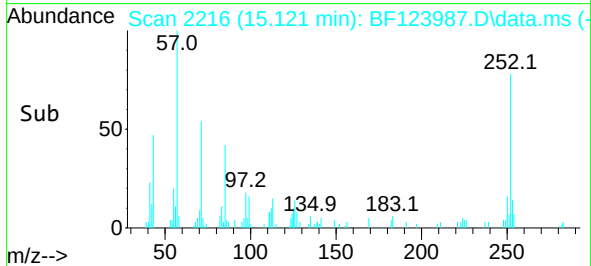
Tgt Ion: 252 Resp: 21078

Ion Ratio Lower Upper

252 100

253 18.5 17.9 26.9

125 12.9 7.0 10.6#



Instrument :

BNA_F

ClientSampleId :

GPLD