

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127239.D
 Acq On : 08 Mar 2022 00:21
 Operator : CG\JU
 Sample : N1802-02
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 342

Quant Time: Mar 08 01:55:39 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF021622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Mar 05 02:16:58 2022
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

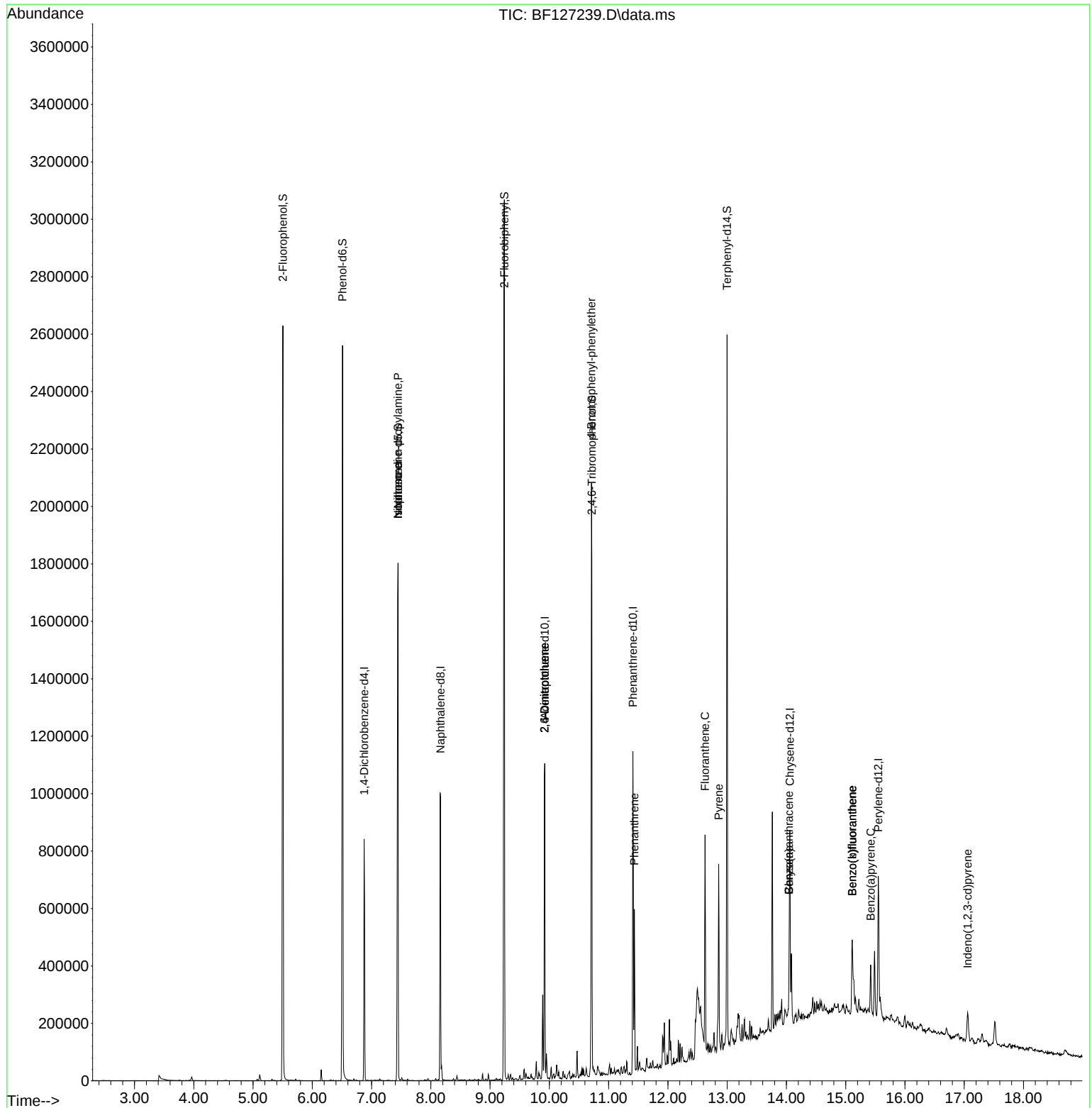
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	108337	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	449751	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	221517	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	356494	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	172503	20.000	ng	# 0.00
86) Perylene-d12	15.551	264	196559	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	656200	93.616	ng	0.00
7) Phenol-d6	6.510	99	875804	92.596	ng	0.00
23) Nitrobenzene-d5	7.445	82	610762	61.296	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	256450	100.550	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	960693	63.846	ng	0.00
79) Terphenyl-d14	12.998	244	787384	67.099	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.445	70	82834	13.591	ng	# 77
25) Isophorone	7.445	82	608916	36.931	ng	# 69
51) 2,6-Dinitrotoluene	9.916	165	29399	9.126	ng	# 21
57) 2,4-Dinitrotoluene	9.916	165	29399	6.750	ng	# 15
67) 4-Bromophenyl-phenylether	10.710	248	14782	3.711	ng	# 1
71) Phenanthrene	11.433	178	174188	8.730	ng	99
75) Fluoranthene	12.628	202	243722	12.864	ng	95
78) Pyrene	12.857	202	230932	15.409	ng	98
81) Benzo(a)anthracene	14.045	228	94293	8.108	ng	96
83) Chrysene	14.045	228	94293	8.622	ng	98
87) Indeno(1,2,3-cd)pyrene	17.057	276	64044	4.969	ng	# 85
88) Benzo(b)fluoranthene	15.110	252	180773	13.693	ng	# 95
89) Benzo(k)fluoranthene	15.110	252	180773	14.197	ng	# 96
90) Benzo(a)pyrene	15.421	252	71361	6.920	ng	98

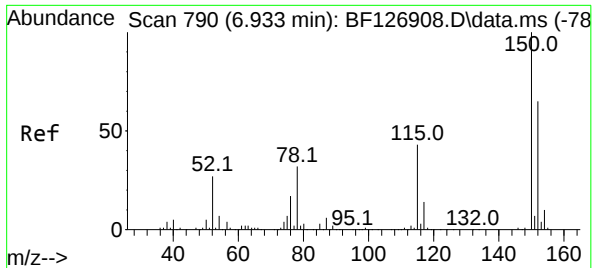
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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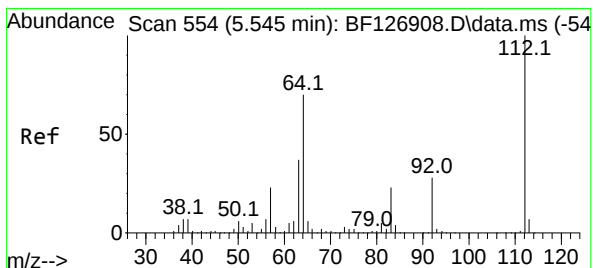
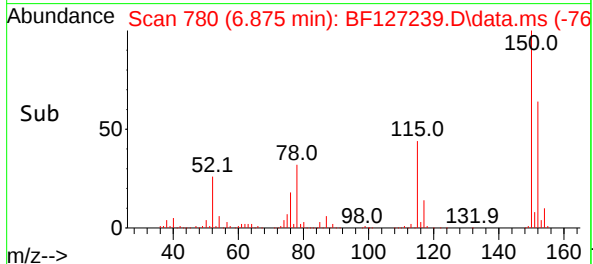
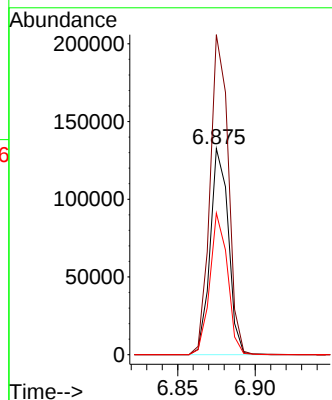
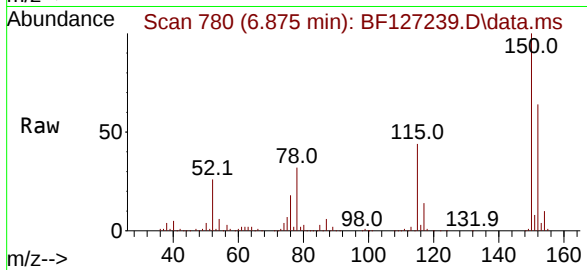




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127239.D
 Acq: 08 Mar 2022 00:21

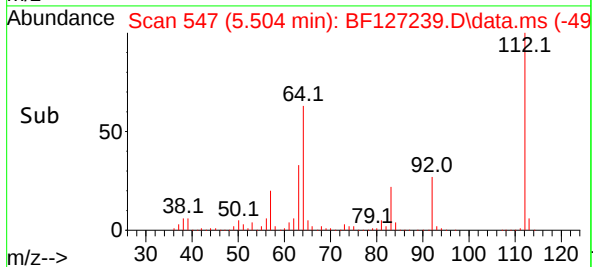
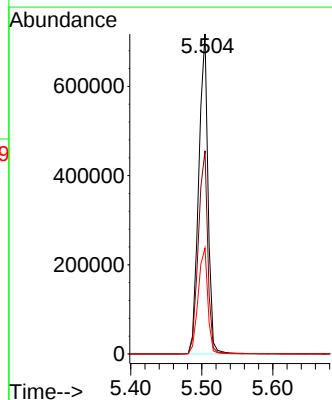
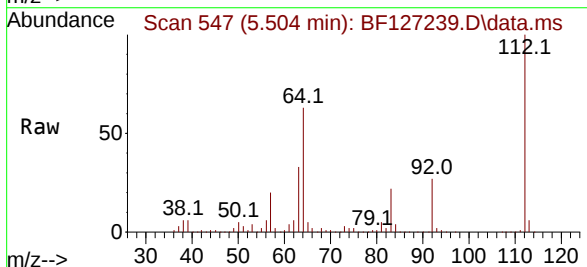
Instrument :
 BNA_F
 ClientSampleId :
 342

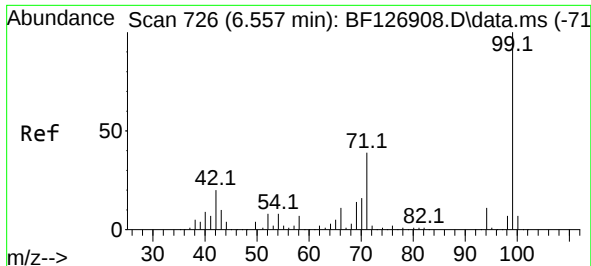
Tgt Ion:152 Resp: 108337
 Ion Ratio Lower Upper
 152 100
 150 155.3 128.1 192.1
 115 68.7 56.7 85.1



#5
 2-Fluorophenol
 Concen: 93.616 ng
 RT: 5.504 min Scan# 547
 Delta R.T. 0.006 min
 Lab File: BF127239.D
 Acq: 08 Mar 2022 00:21

Tgt Ion:112 Resp: 656200
 Ion Ratio Lower Upper
 112 100
 64 63.5 49.5 74.3
 63 33.1 23.9 35.9

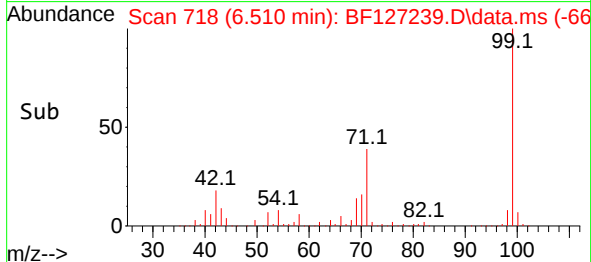
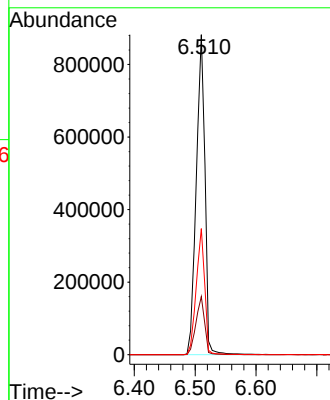
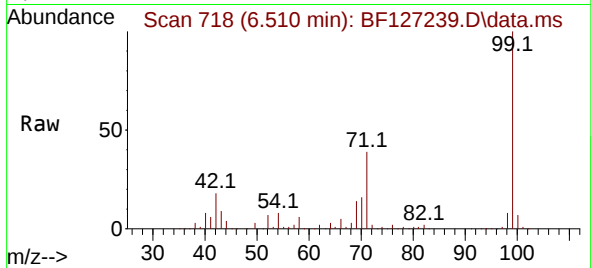




#7
Phenol-d6
Concen: 92.596 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

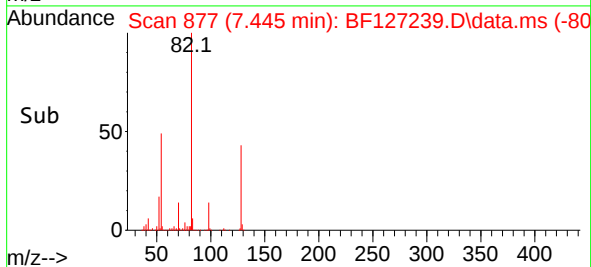
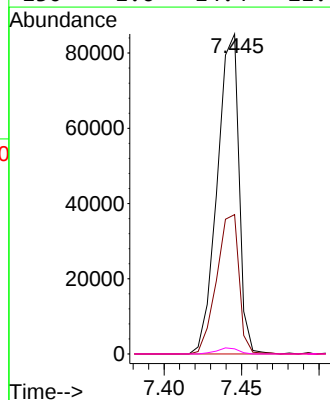
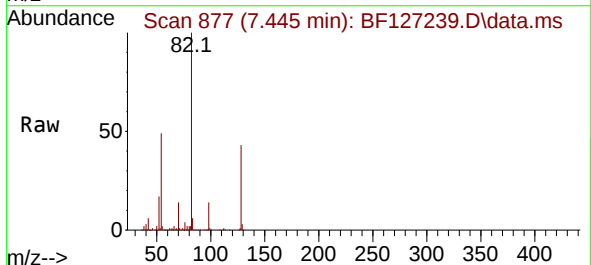
Instrument :
BNA_F
ClientSampleId :
342

Tgt Ion: 99 Resp: 875804
Ion Ratio Lower Upper
99 100
42 18.2 14.2 21.4
71 39.4 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.591 ng
RT: 7.445 min Scan# 877
Delta R.T. 0.153 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

Tgt Ion: 70 Resp: 82834
Ion Ratio Lower Upper
70 100
42 43.5 45.8 68.8#
101 0.0 6.9 10.3#
130 1.6 14.4 21.6#

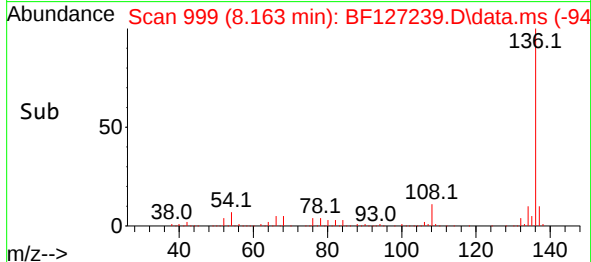
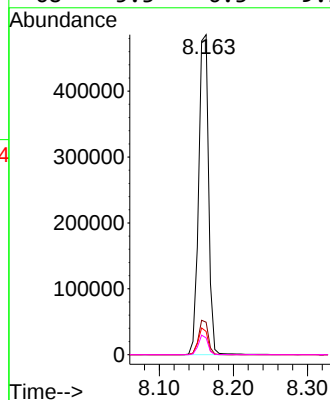
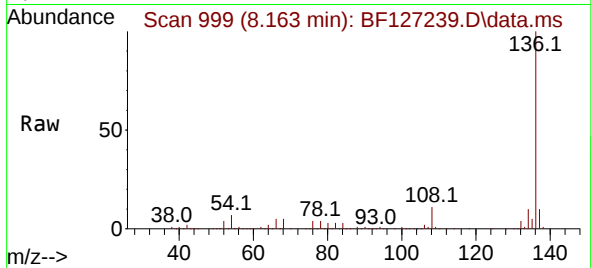




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 91
Delta R.T. 0.000 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

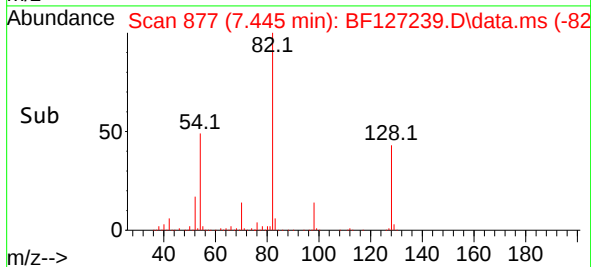
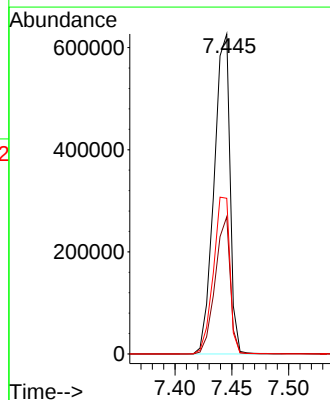
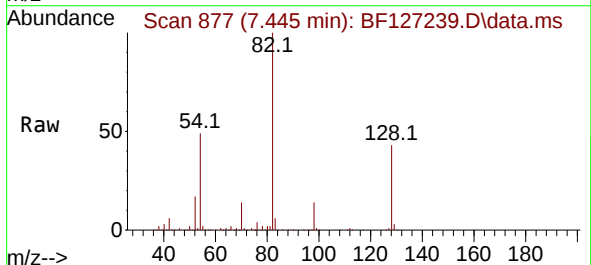
Instrument :
BNA_F
ClientSampleId :
342

Tgt Ion:136 Resp: 449751
Ion Ratio Lower Upper
136 100
137 10.2 8.6 13.0
54 7.2 7.8 11.6#
68 5.3 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 61.296 ng
RT: 7.445 min Scan# 877
Delta R.T. -0.006 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

Tgt Ion: 82 Resp: 610762
Ion Ratio Lower Upper
82 100
128 42.9 32.7 49.1
54 48.6 41.7 62.5

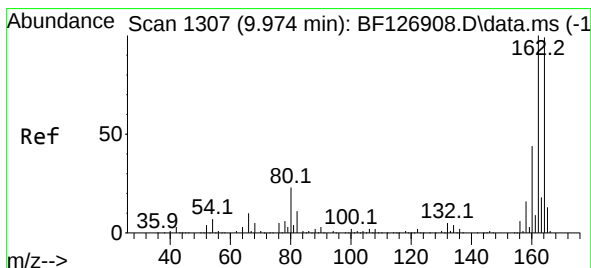
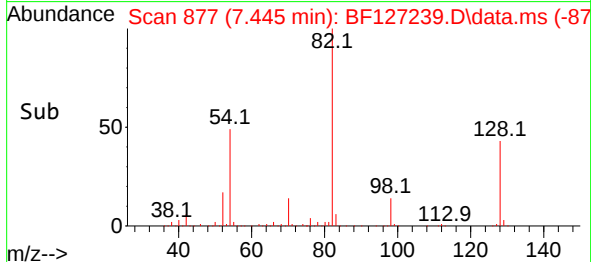
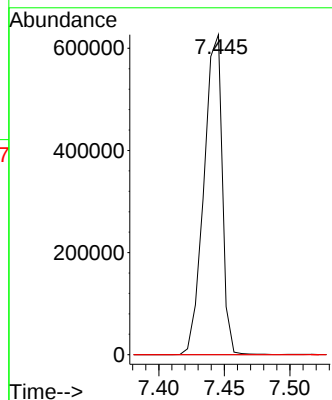
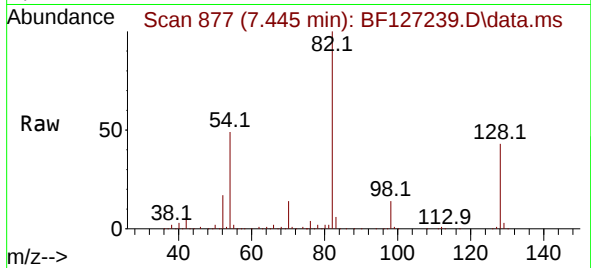




#25
Isophorone
Concen: 36.931 ng
RT: 7.445 min Scan# 81
Delta R.T. -0.259 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

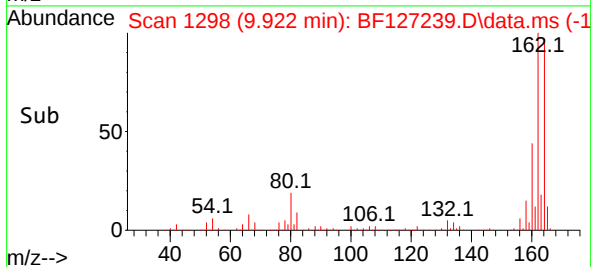
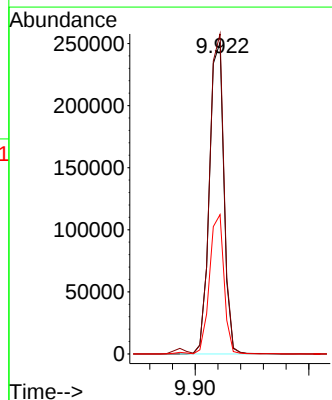
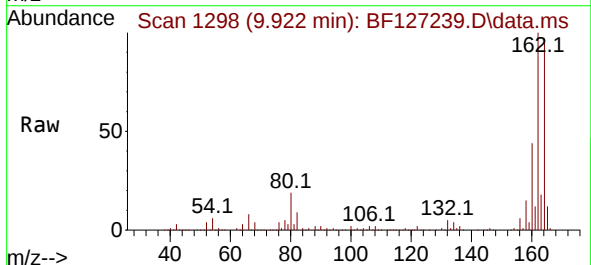
Instrument :
BNA_F
ClientSampleId :
342

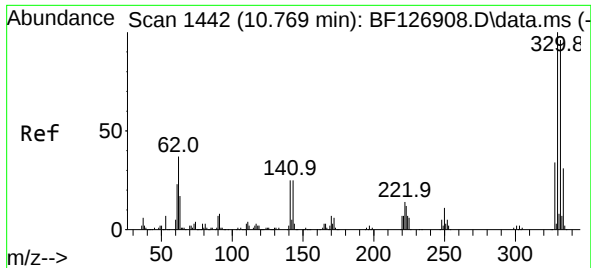
Tgt Ion: 82 Resp: 608916
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

Tgt Ion: 164 Resp: 221517
Ion Ratio Lower Upper
164 100
162 102.7 81.4 122.0
160 44.8 36.6 54.8

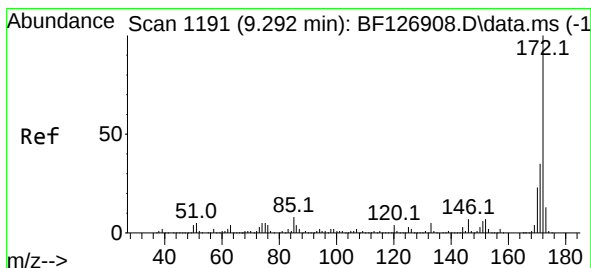
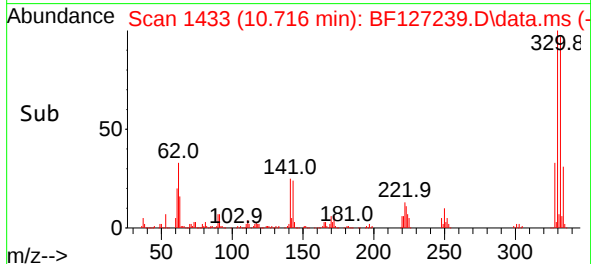
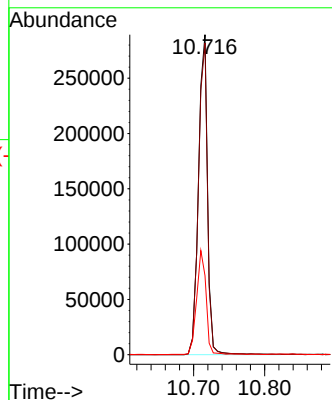
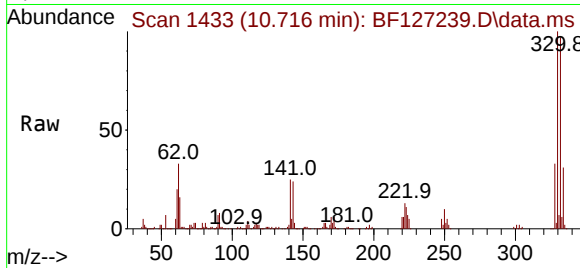




#42
 2,4,6-Tribromophenol
 Concen: 100.550 ng
 RT: 10.716 min Scan# 1442
 Delta R.T. 0.000 min
 Lab File: BF127239.D
 Acq: 08 Mar 2022 00:21

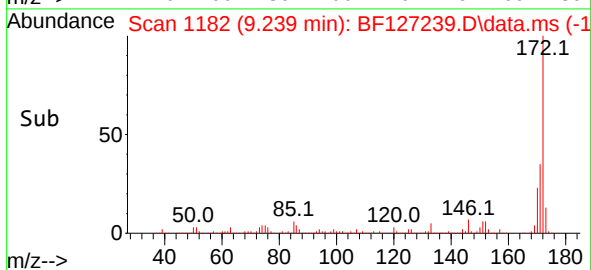
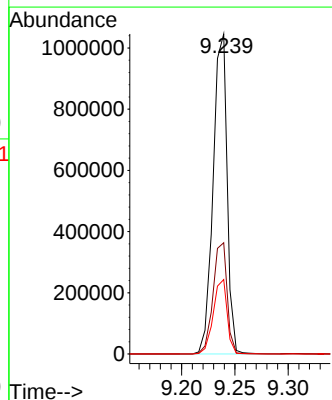
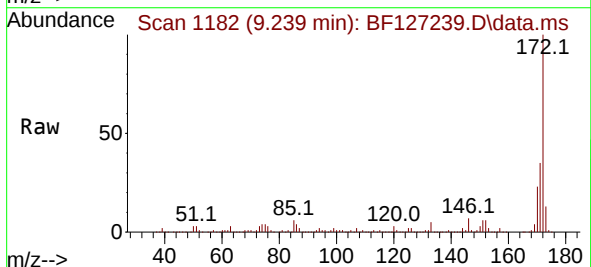
Instrument :
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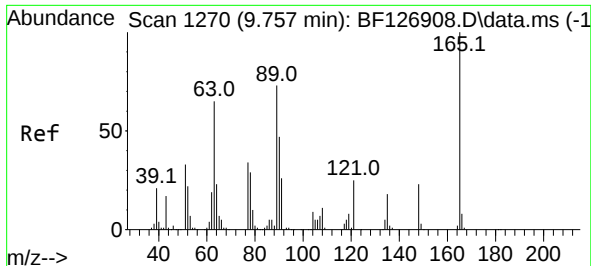
Tgt Ion:330 Resp: 256450
 Ion Ratio Lower Upper
 330 100
 332 97.3 76.0 114.0
 141 34.3 30.1 45.1



#45
 2-Fluorobiphenyl
 Concen: 63.846 ng
 RT: 9.239 min Scan# 1182
 Delta R.T. 0.000 min
 Lab File: BF127239.D
 Acq: 08 Mar 2022 00:21

Tgt Ion:172 Resp: 960693
 Ion Ratio Lower Upper
 172 100
 171 34.8 28.3 42.5
 170 23.2 19.0 28.6

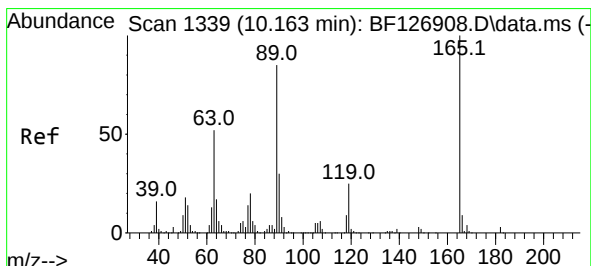
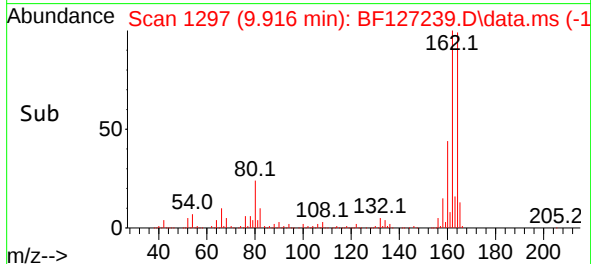
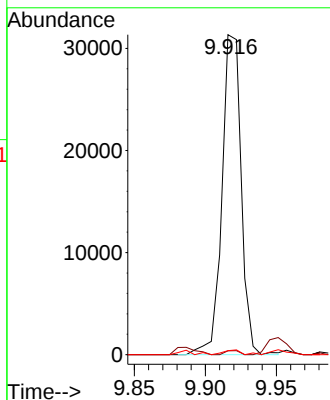
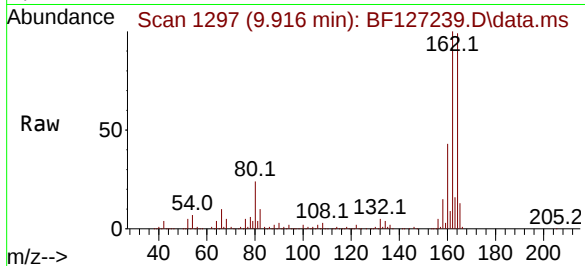




#51
2,6-Dinitrotoluene
Concen: 9.126 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.206 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

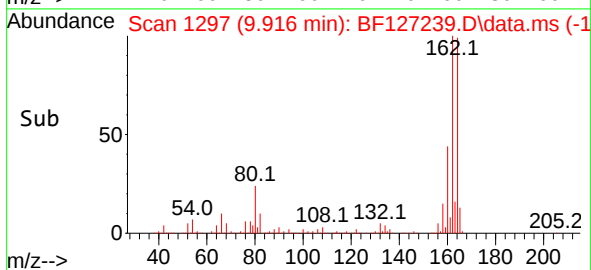
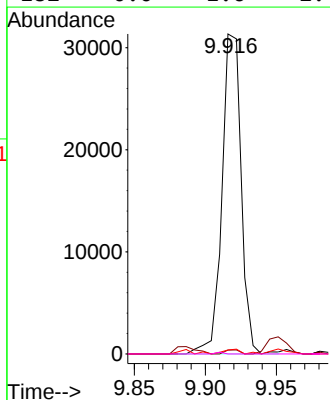
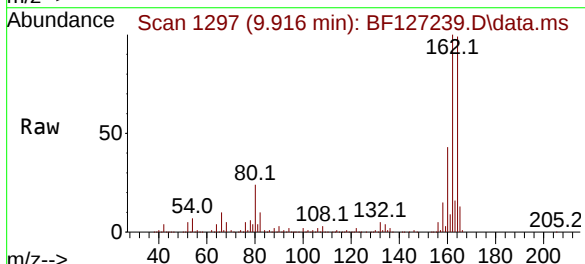
Instrument :
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ClientSampleId :
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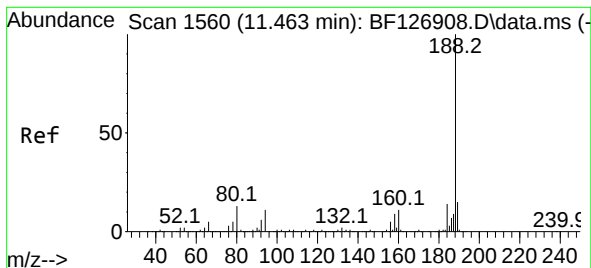
Tgt Ion:165 Resp: 29399
Ion Ratio Lower Upper
165 100
63 1.2 48.4 72.6#
89 1.3 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.750 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.200 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

Tgt Ion:165 Resp: 29399
Ion Ratio Lower Upper
165 100
63 1.2 43.0 64.6#
89 1.3 71.0 106.4#
182 0.0 1.6 2.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF127239.D

Acq: 08 Mar 2022 00:21

Instrument :

BNA_F

ClientSampleId :

342

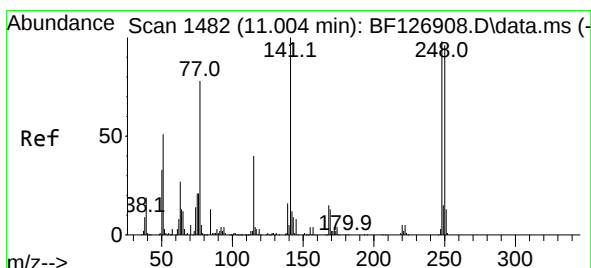
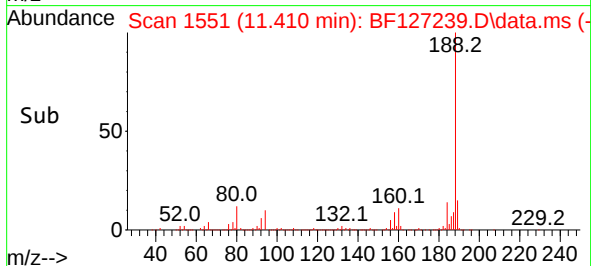
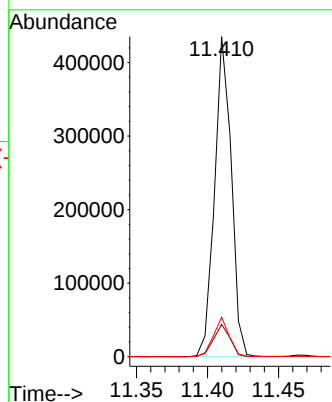
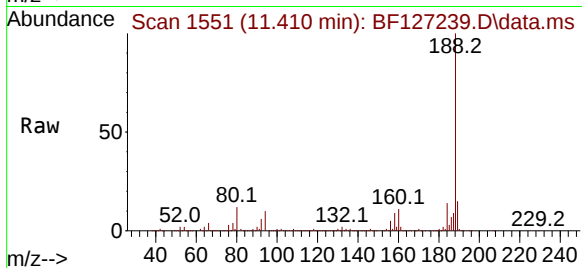
Tgt Ion:188 Resp: 356494

Ion Ratio Lower Upper

188 100

94 10.0 10.1 15.1#

80 12.4 11.8 17.6



#67

4-Bromophenyl-phenylether

Concen: 3.711 ng

RT: 10.710 min Scan# 1432

Delta R.T. -0.247 min

Lab File: BF127239.D

Acq: 08 Mar 2022 00:21

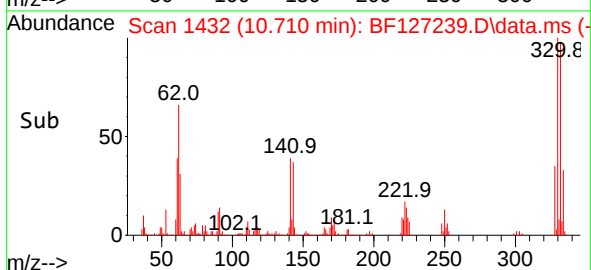
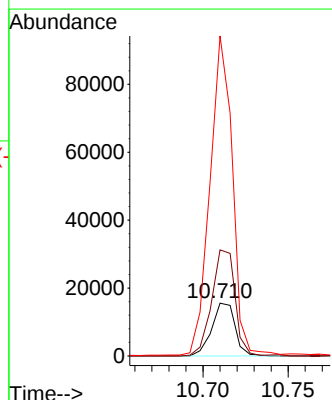
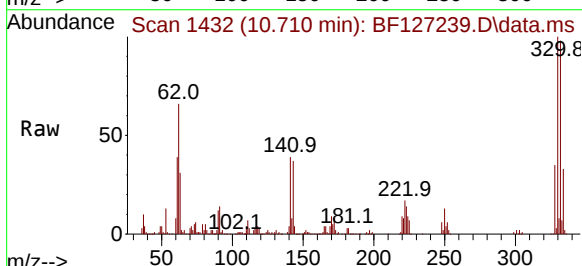
Tgt Ion:248 Resp: 14782

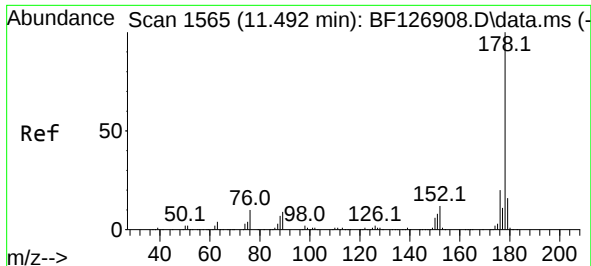
Ion Ratio Lower Upper

248 100

250 201.1 76.2 114.4#

141 606.4 66.2 99.4#

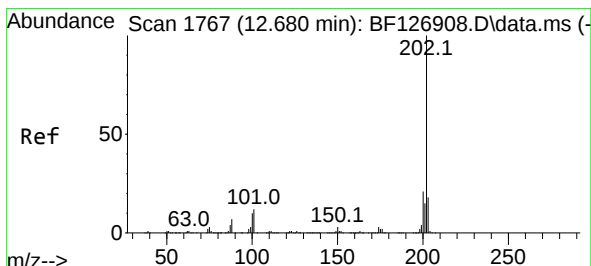
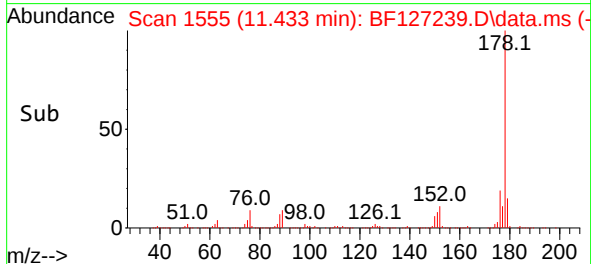
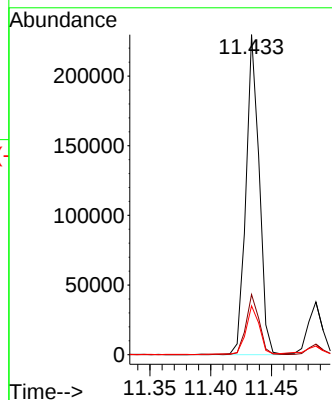
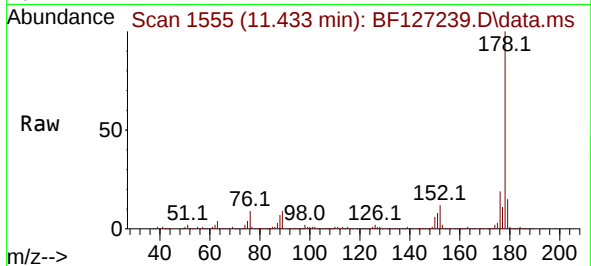




#71
Phenanthrene
Concen: 8.730 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

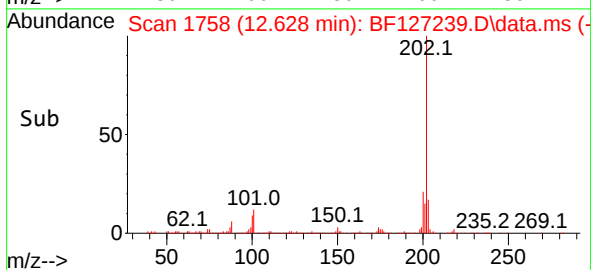
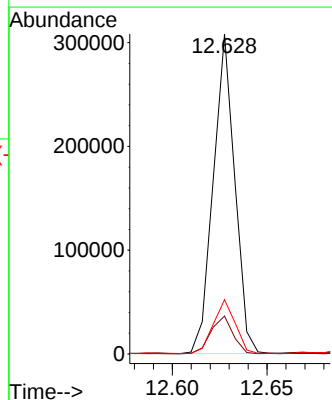
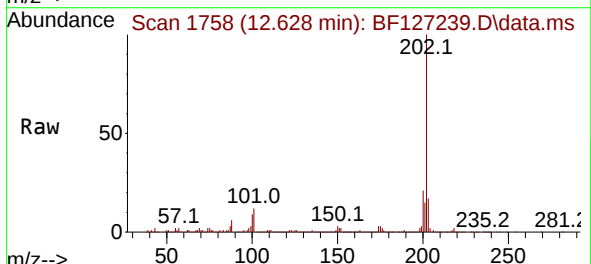
Instrument :
BNA_F
ClientSampleId :
342

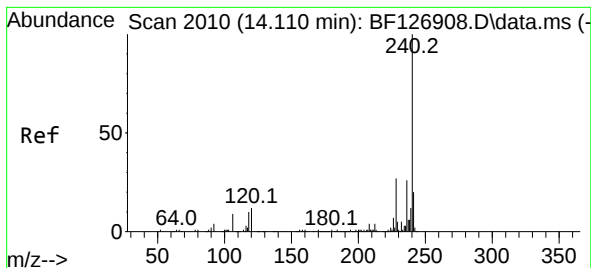
Tgt Ion:178 Resp: 174188
Ion Ratio Lower Upper
178 100
176 18.8 15.7 23.5
179 15.3 12.3 18.5



#75
Fluoranthene
Concen: 12.864 ng
RT: 12.628 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

Tgt Ion:202 Resp: 243722
Ion Ratio Lower Upper
202 100
101 11.8 0.0 35.7
203 16.9 0.0 37.1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.057 min Scan# 2010

Delta R.T. -0.006 min

Lab File: BF127239.D

Acq: 08 Mar 2022 00:21

Instrument :

BNA_F

ClientSampleId :

342

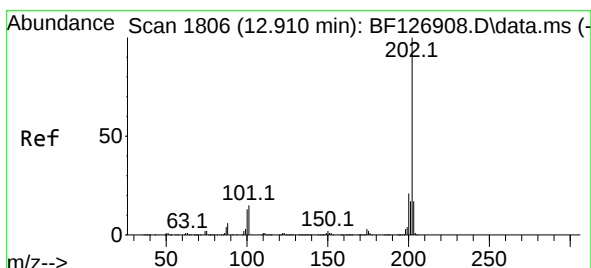
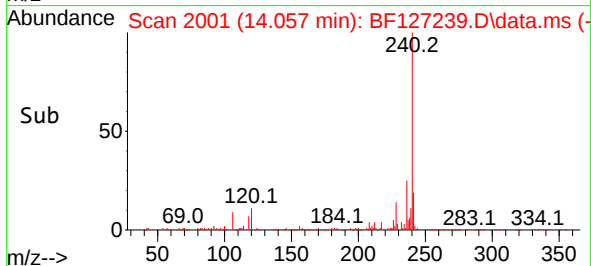
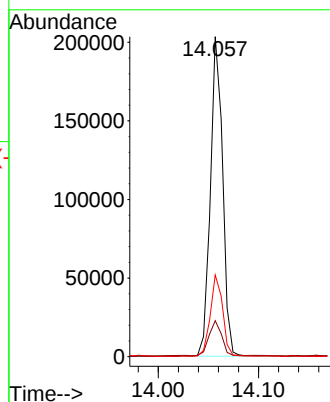
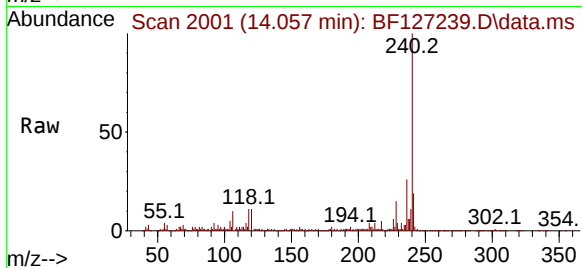
Tgt Ion:240 Resp: 172503

Ion Ratio Lower Upper

240 100

120 11.2 14.4 21.6#

236 25.6 20.5 30.7



#78

Pyrene

Concen: 15.409 ng

RT: 12.857 min Scan# 1797

Delta R.T. -0.006 min

Lab File: BF127239.D

Acq: 08 Mar 2022 00:21

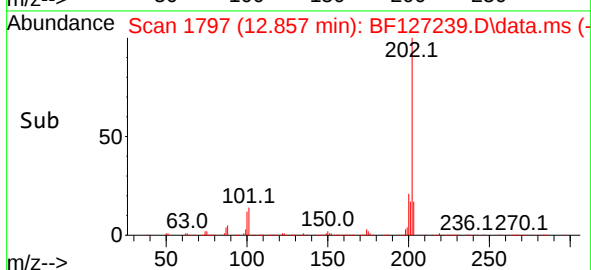
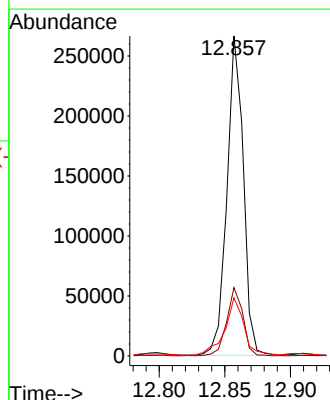
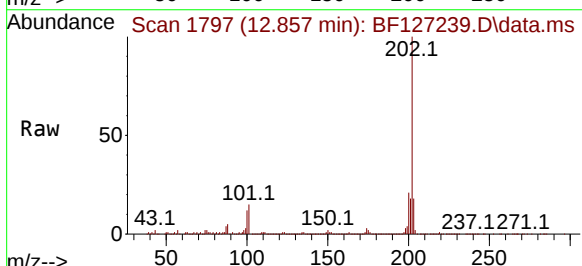
Tgt Ion:202 Resp: 230932

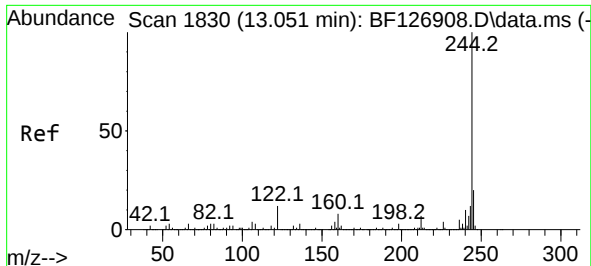
Ion Ratio Lower Upper

202 100

200 21.3 16.6 24.8

203 18.2 13.8 20.8

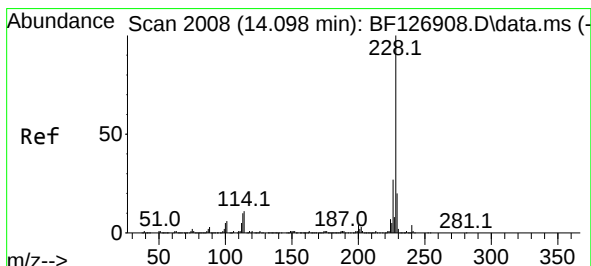
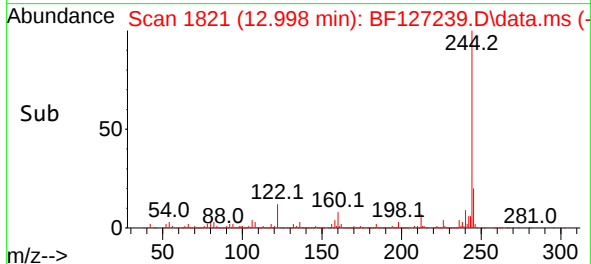
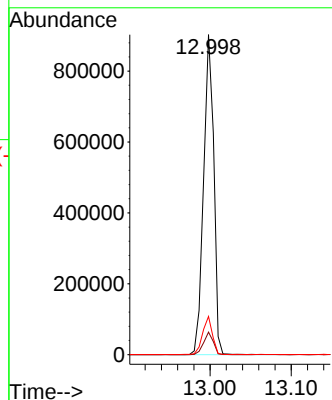
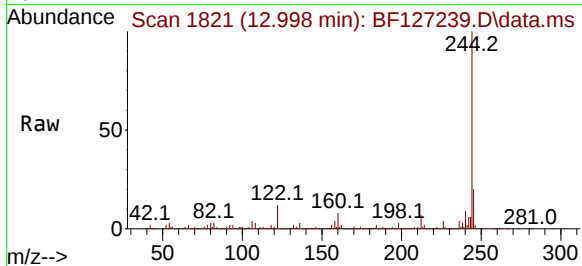




#79
 Terphenyl-d14
 Concen: 67.099 ng
 RT: 12.998 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF127239.D
 Acq: 08 Mar 2022 00:21

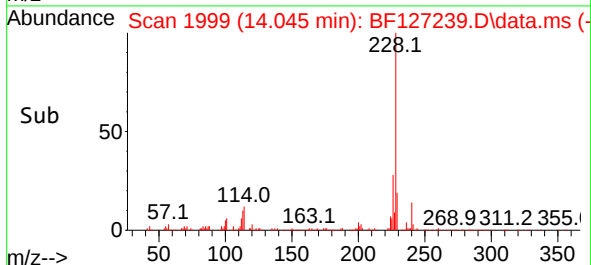
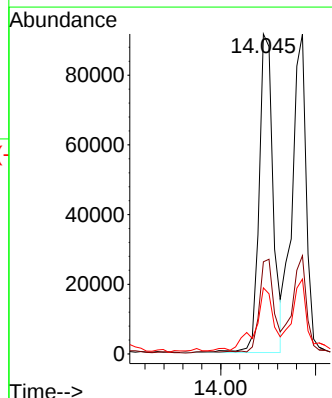
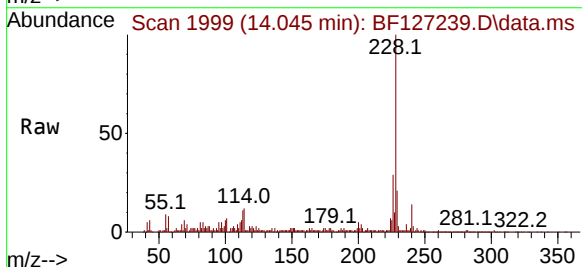
Instrument :
 BNA_F
 ClientSampleId :
 342

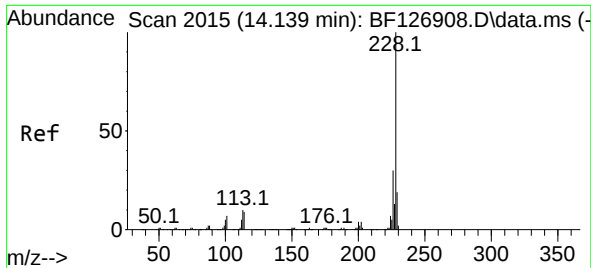
Tgt Ion:244 Resp: 787384
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.0 7.4
 122 11.9 13.3 19.9#



#81
 Benzo(a)anthracene
 Concen: 8.108 ng
 RT: 14.045 min Scan# 1999
 Delta R.T. -0.006 min
 Lab File: BF127239.D
 Acq: 08 Mar 2022 00:21

Tgt Ion:228 Resp: 94293
 Ion Ratio Lower Upper
 228 100
 226 28.8 21.4 32.0
 229 20.7 15.4 23.2

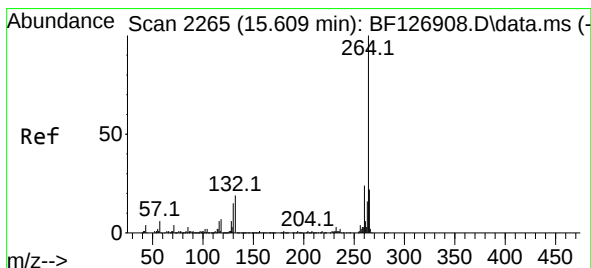
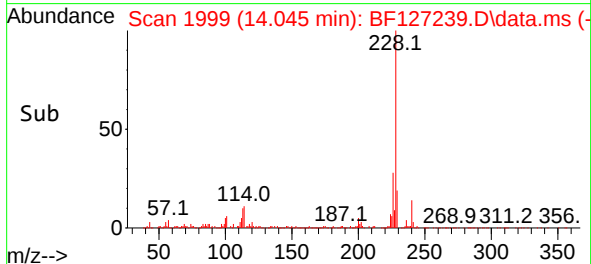
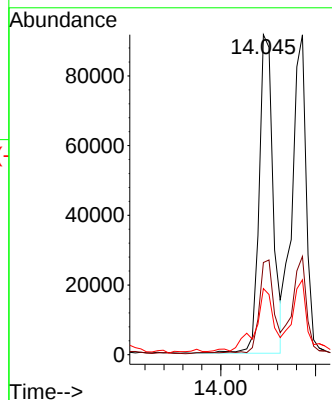
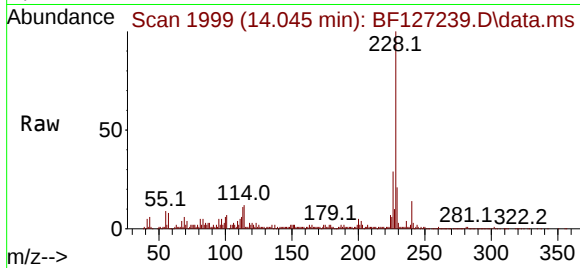




#83
Chrysene
Concen: 8.622 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.041 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

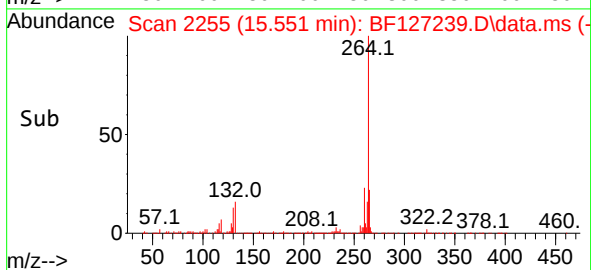
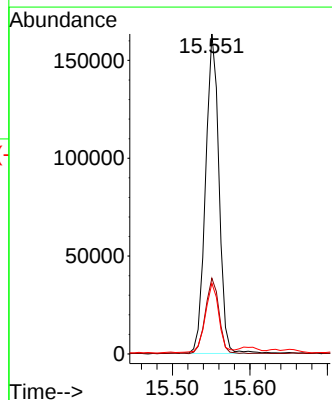
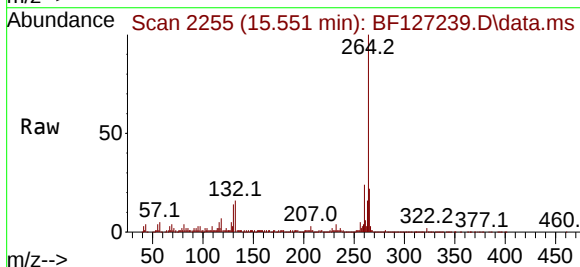
Instrument :
BNA_F
ClientSampleId :
342

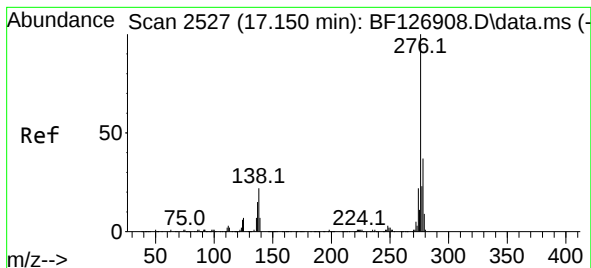
Tgt Ion:228 Resp: 94293
Ion Ratio Lower Upper
228 100
226 28.8 23.7 35.5
229 20.7 15.5 23.3



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.551 min Scan# 2255
Delta R.T. 0.006 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

Tgt Ion:264 Resp: 196559
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 22.1 17.4 26.2





#87

Indeno(1,2,3-cd)pyrene

Concen: 4.969 ng

RT: 17.057 min Scan# 21

Delta R.T. 0.000 min

Lab File: BF127239.D

Acq: 08 Mar 2022 00:21

Instrument :

BNA_F

ClientSampleId :

342

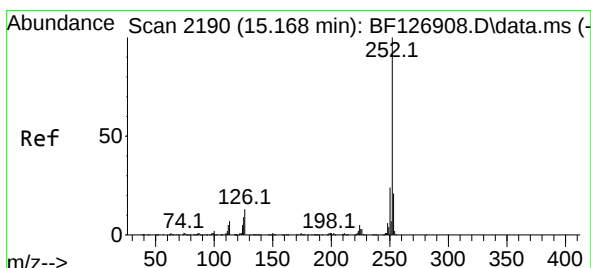
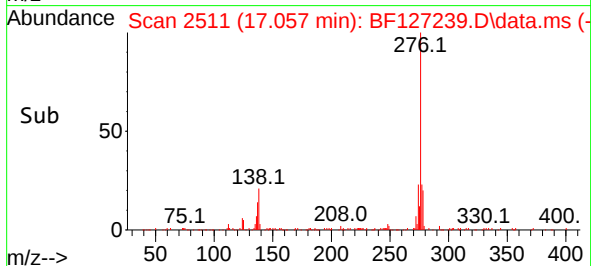
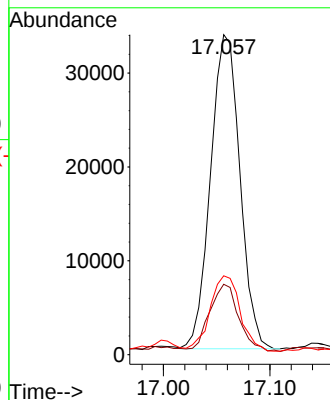
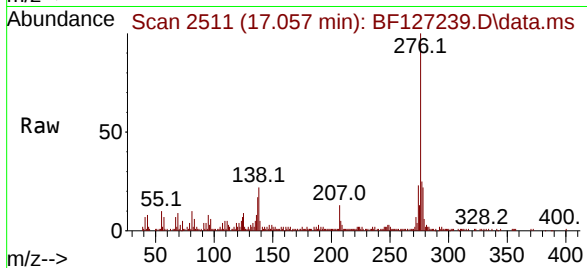
Tgt Ion:276 Resp: 64044

Ion Ratio Lower Upper

276 100

138 21.3 29.2 43.8#

277 24.6 19.8 29.8



#88

Benzo(b)fluoranthene

Concen: 13.693 ng

RT: 15.110 min Scan# 2180

Delta R.T. 0.000 min

Lab File: BF127239.D

Acq: 08 Mar 2022 00:21

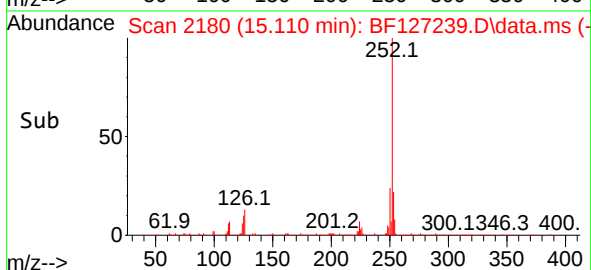
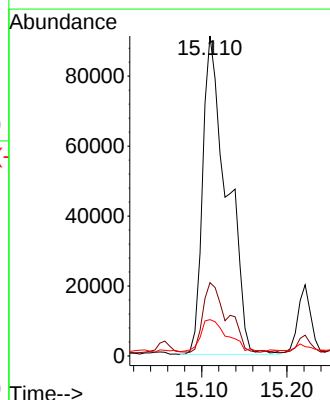
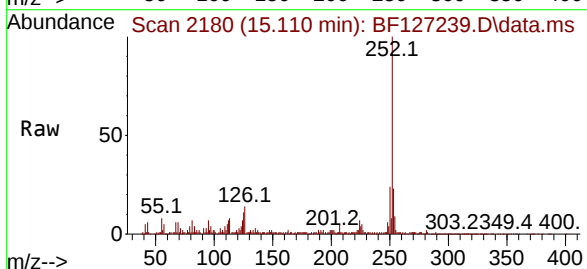
Tgt Ion:252 Resp: 180773

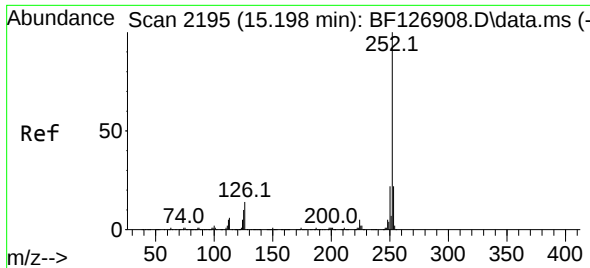
Ion Ratio Lower Upper

252 100

253 22.9 17.8 26.8

125 11.3 12.4 18.6#

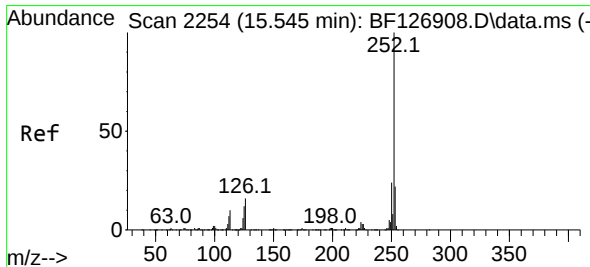
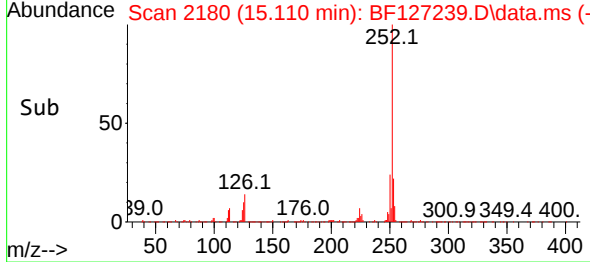
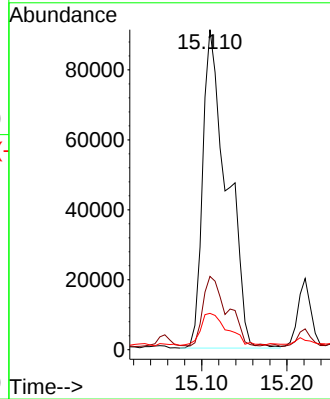
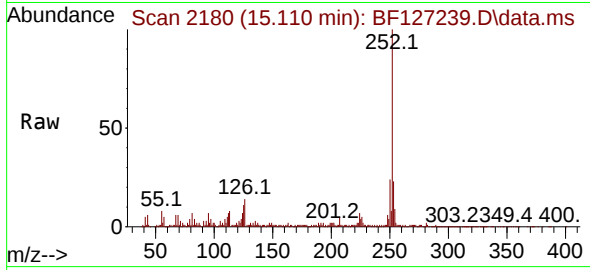




#89
Benzo(k)fluoranthene
Concen: 14.197 ng
RT: 15.110 min Scan# 2195
Delta R.T. -0.029 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

Instrument :
BNA_F
ClientSampleId :
342

Tgt Ion:252 Resp: 180773
Ion Ratio Lower Upper
252 100
253 22.9 17.5 26.3
125 11.3 11.8 17.6#



#90
Benzo(a)pyrene
Concen: 6.920 ng
RT: 15.421 min Scan# 2233
Delta R.T. -0.065 min
Lab File: BF127239.D
Acq: 08 Mar 2022 00:21

Tgt Ion:252 Resp: 71361
Ion Ratio Lower Upper
252 100
253 22.5 17.1 25.7
125 15.5 13.0 19.6

