

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF030722\
 Data File : BF127237.D
 Acq On : 07 Mar 2022 23:22
 Operator : CG\JU
 Sample : N1806-05
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DUM-24

Quant Time: Mar 08 00:04:33 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)

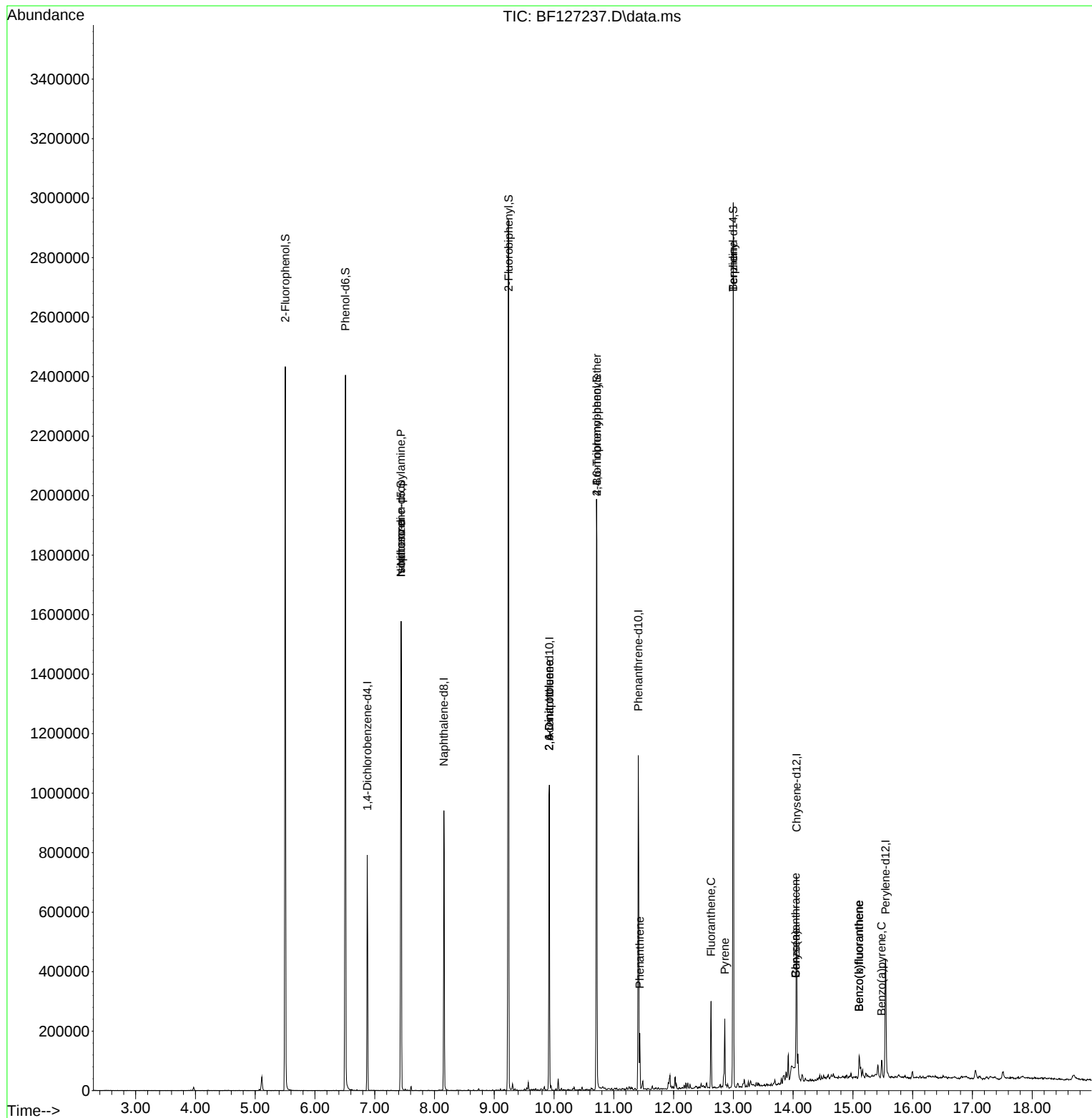
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	98159	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	401274	20.000	ng	# 0.00
39) Acenaphthene-d10	9.922	164	211013	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	373087	20.000	ng	# 0.00
76) Chrysene-d12	14.057	240	185952	20.000	ng	# 0.00
86) Perylene-d12	15.545	264	174245	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	593293	93.418	ng	0.00
7) Phenol-d6	6.510	99	773641	90.276	ng	0.00
23) Nitrobenzene-d5	7.440	82	547216	61.554	ng	-0.01
42) 2,4,6-Tribromophenol	10.716	330	252953	104.116	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	914524	63.803	ng	0.00
79) Terphenyl-d14	12.998	244	941524	74.432	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.440	70	74295	13.454	ng	# 75
25) Isophorone	7.440	82	547302	37.204	ng	# 69
51) 2,6-Dinitrotoluene	9.916	165	27225	8.872	ng	# 21
57) 2,4-Dinitrotoluene	9.916	165	27225	6.562	ng	# 15
67) 4-Bromophenyl-phenylether	10.716	248	14451	3.467	ng	# 1
71) Phenanthrene	11.433	178	57489	2.753	ng	96
75) Fluoranthene	12.627	202	97732	4.929	ng	94
77) Benzidine	12.998	184	13564	2.684	ng	# 95
78) Pyrene	12.857	202	81361	5.036	ng	99
81) Benzo(a)anthracene	14.045	228	30150	2.405	ng	97
83) Chrysene	14.045	228	30150	2.558	ng	99
88) Benzo(b)fluoranthene	15.104	252	47773	4.082	ng	# 90
89) Benzo(k)fluoranthene	15.104	252	47773	4.232	ng	# 91
90) Benzo(a)pyrene	15.480	252	25849	2.828	ng	95

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

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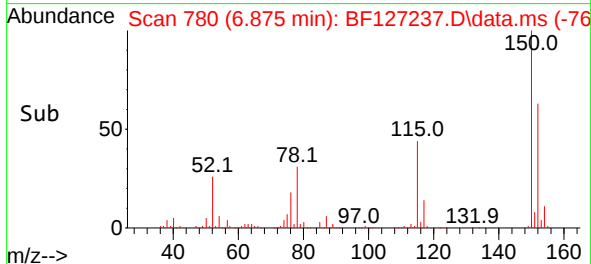
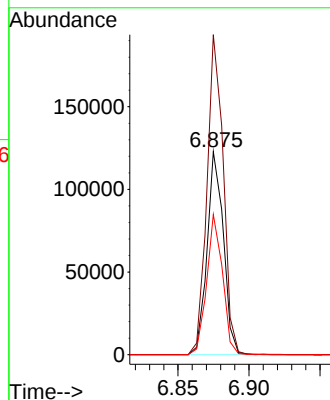
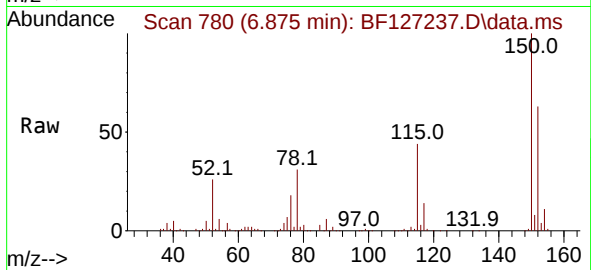




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 71
 Delta R.T. -0.006 min
 Lab File: BF127237.D
 Acq: 07 Mar 2022 23:22

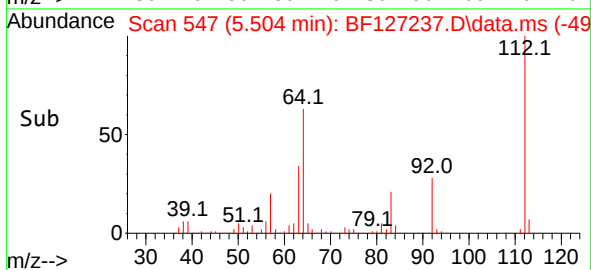
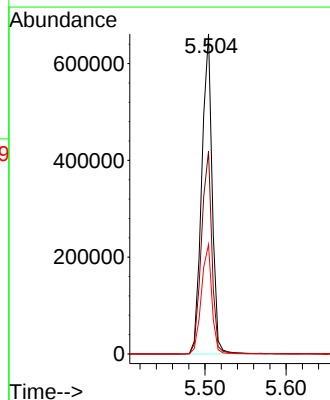
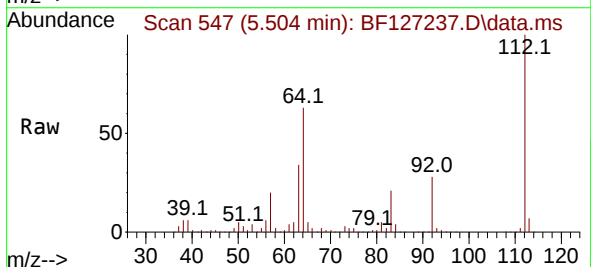
Instrument :
 BNA_F
 ClientSampleId :
 DUM-24

Tgt Ion:152 Resp: 98159
 Ion Ratio Lower Upper
 152 100
 150 157.7 128.1 192.1
 115 69.1 56.7 85.1



#5
 2-Fluorophenol
 Concen: 93.418 ng
 RT: 5.504 min Scan# 547
 Delta R.T. 0.006 min
 Lab File: BF127237.D
 Acq: 07 Mar 2022 23:22

Tgt Ion:112 Resp: 593293
 Ion Ratio Lower Upper
 112 100
 64 63.3 49.5 74.3
 63 34.2 23.9 35.9

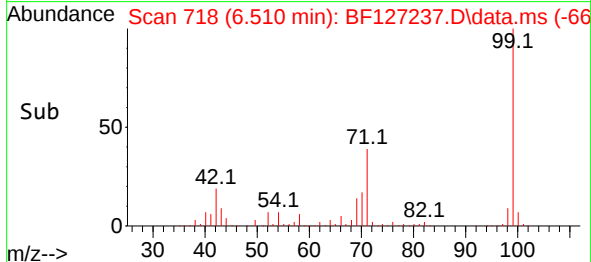
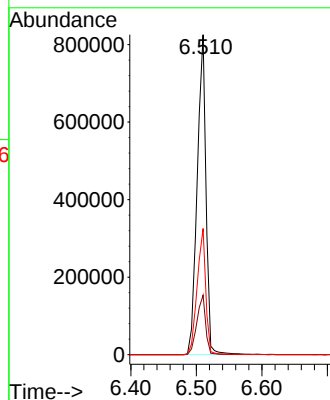
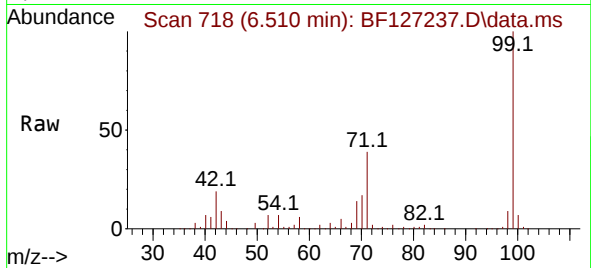




#7
Phenol-d6
Concen: 90.276 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

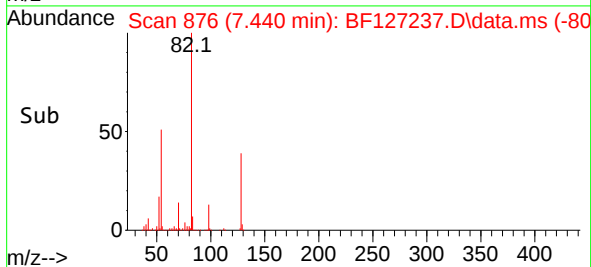
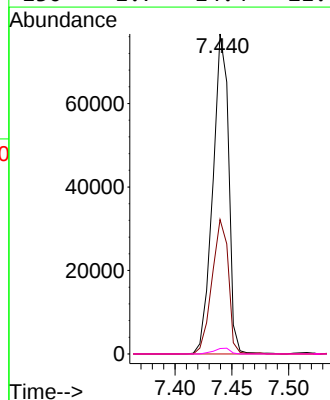
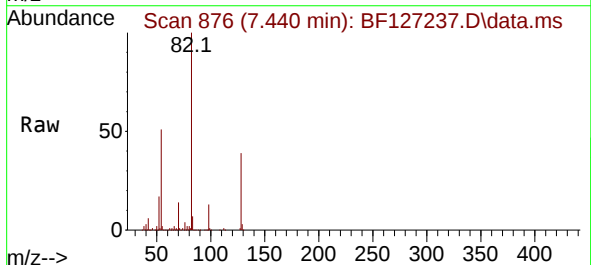
Instrument :
BNA_F
ClientSampleId :
DUM-24

Tgt Ion: 99 Resp: 773641
Ion Ratio Lower Upper
99 100
42 18.6 14.2 21.4
71 39.4 24.3 36.5#



#19
n-Nitroso-di-n-propylamine
Concen: 13.454 ng
RT: 7.440 min Scan# 876
Delta R.T. 0.147 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

Tgt Ion: 70 Resp: 74295
Ion Ratio Lower Upper
70 100
42 42.0 45.8 68.8#
101 0.0 6.9 10.3#
130 1.7 14.4 21.6#

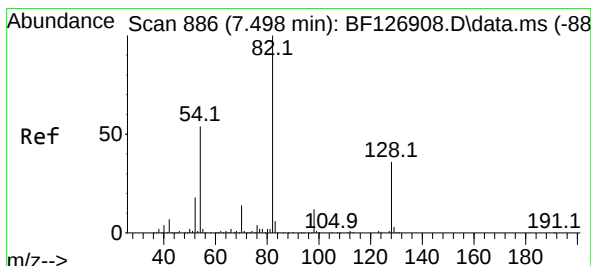
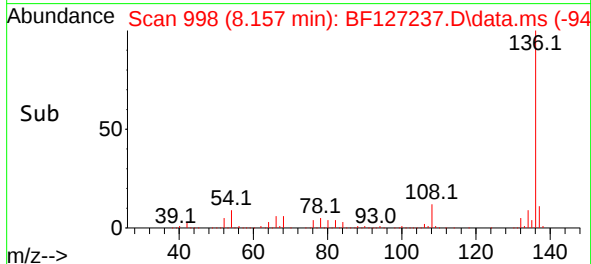
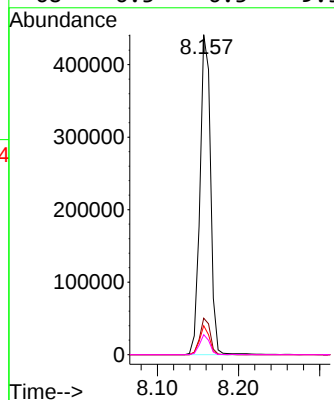
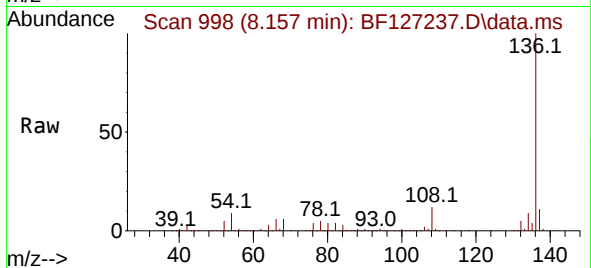




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

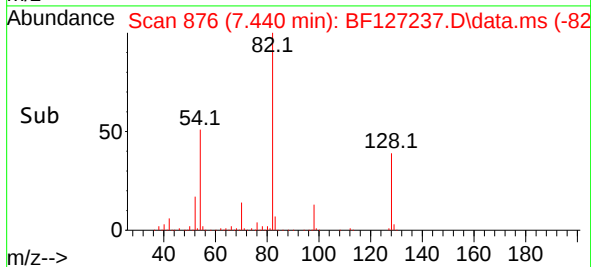
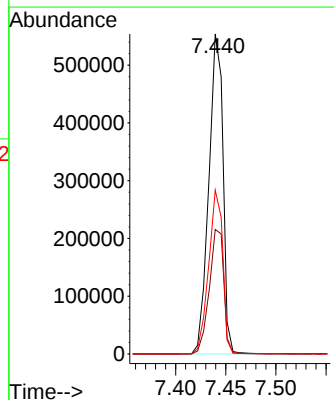
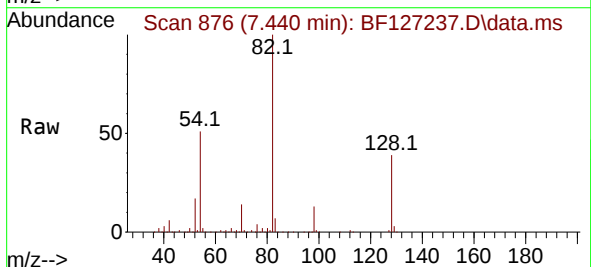
Instrument :
BNA_F
ClientSampleId :
DUM-24

Tgt Ion:136 Resp: 401274
Ion Ratio Lower Upper
136 100
137 11.4 8.6 13.0
54 9.1 7.8 11.6
68 6.3 6.3 9.5#



#23
Nitrobenzene-d5
Concen: 61.554 ng
RT: 7.440 min Scan# 876
Delta R.T. -0.012 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

Tgt Ion: 82 Resp: 547216
Ion Ratio Lower Upper
82 100
128 38.9 32.7 49.1
54 51.2 41.7 62.5

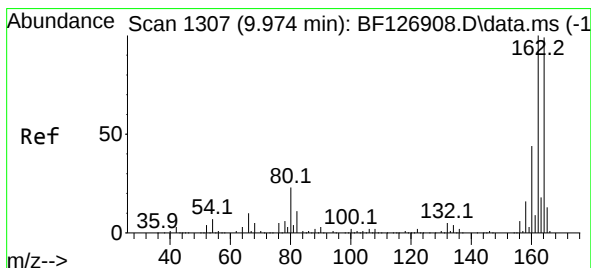
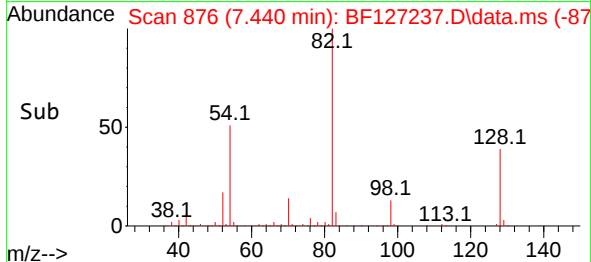
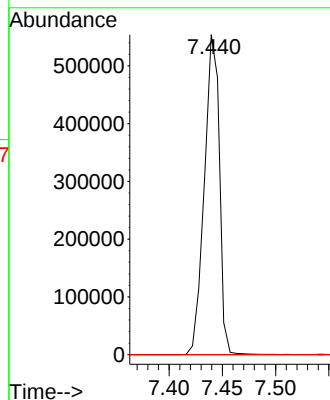
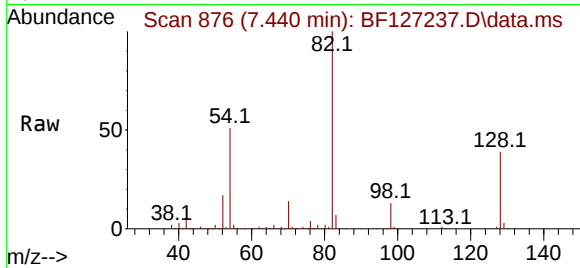




#25
Isophorone
Concen: 37.204 ng
RT: 7.440 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

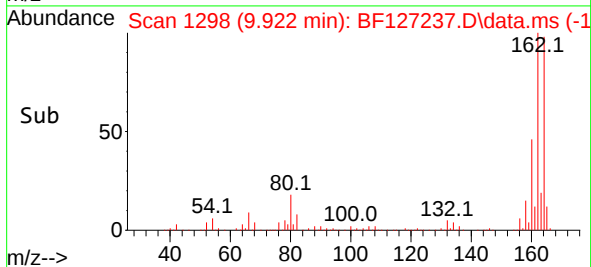
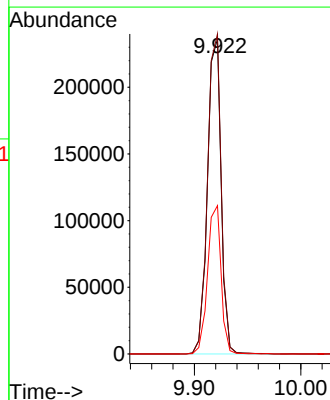
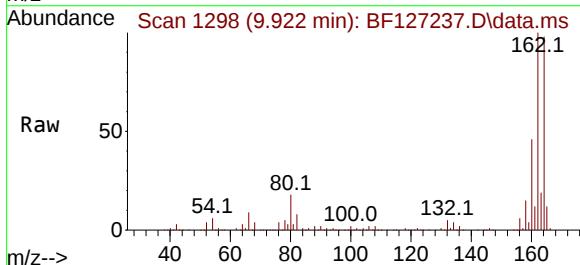
Instrument :
BNA_F
ClientSampleId :
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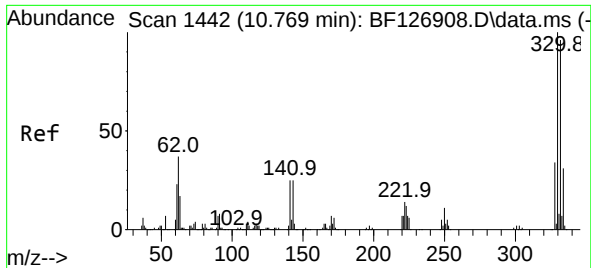
Tgt Ion: 82 Resp: 547302
Ion Ratio Lower Upper
82 100
95 0.0 5.0 7.4#
138 0.0 12.3 18.5#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1298
Delta R.T. 0.000 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

Tgt Ion:164 Resp: 211013
Ion Ratio Lower Upper
164 100
162 101.6 81.4 122.0
160 47.1 36.6 54.8

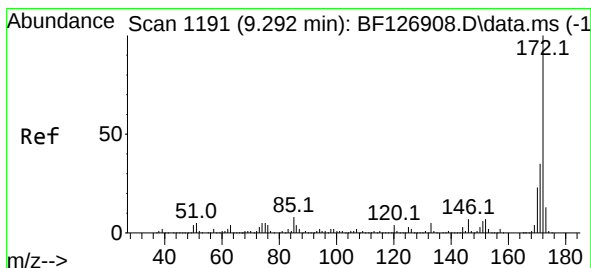
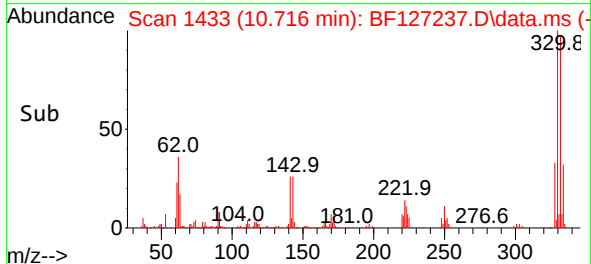
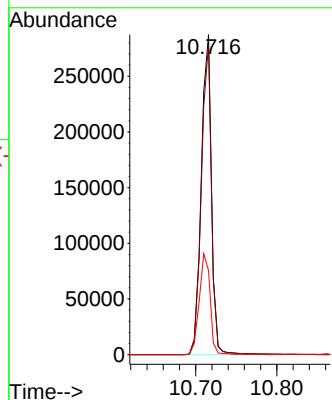
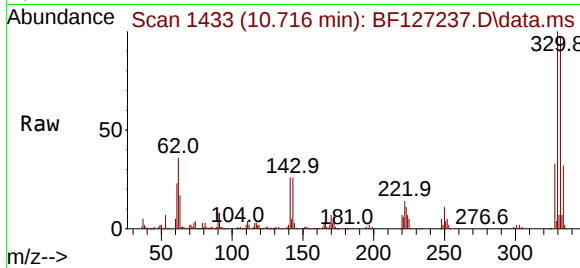




#42
2,4,6-Tribromophenol
Concen: 104.116 ng
RT: 10.716 min Scan# 1442
Delta R.T. 0.000 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

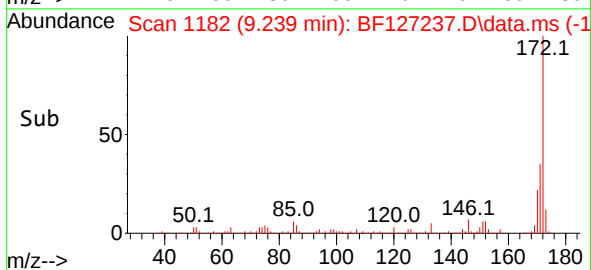
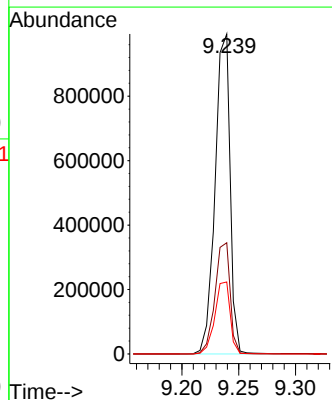
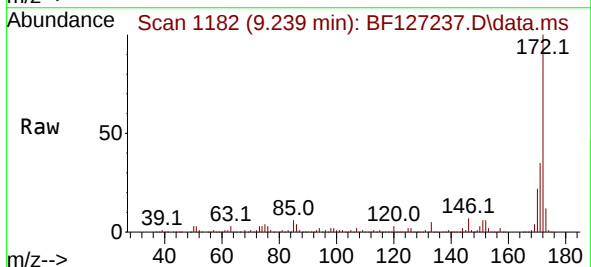
Instrument :
BNA_F
ClientSampleId :
DUM-24

Tgt Ion:330 Resp: 252953
Ion Ratio Lower Upper
330 100
332 95.8 76.0 114.0
141 33.6 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 63.803 ng
RT: 9.239 min Scan# 1182
Delta R.T. 0.000 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

Tgt Ion:172 Resp: 914524
Ion Ratio Lower Upper
172 100
171 34.8 28.3 42.5
170 22.5 19.0 28.6

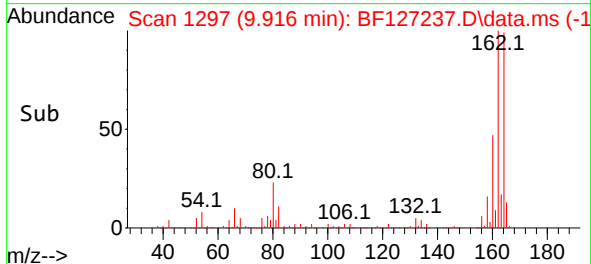
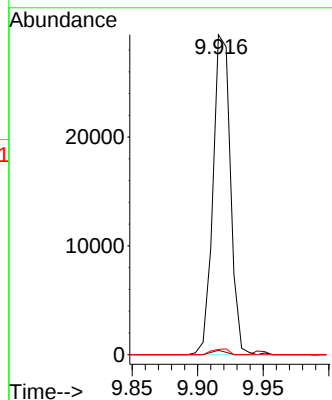
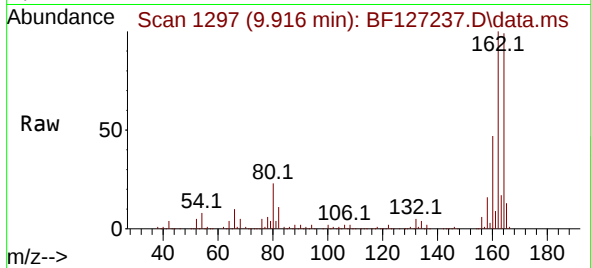




#51
2,6-Dinitrotoluene
Concen: 8.872 ng
RT: 9.916 min Scan# 1297
Delta R.T. 0.206 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

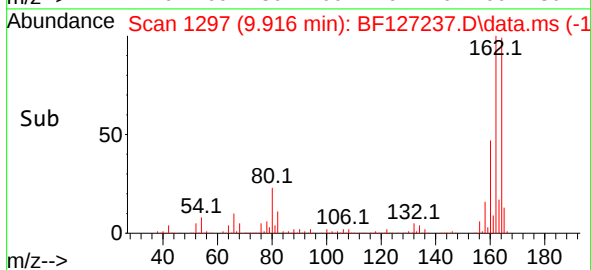
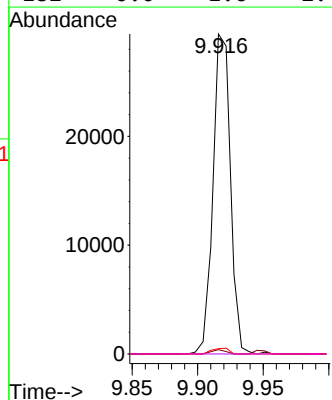
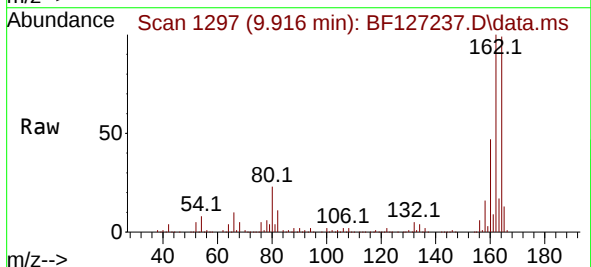
Instrument :
BNA_F
ClientSampleId :
DUM-24

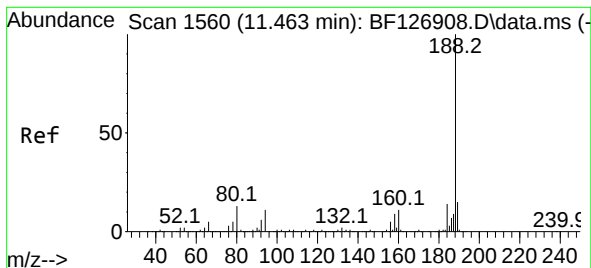
Tgt Ion:165 Resp: 27225
Ion Ratio Lower Upper
165 100
63 1.3 48.4 72.6#
89 1.6 50.5 75.7#



#57
2,4-Dinitrotoluene
Concen: 6.562 ng
RT: 9.916 min Scan# 1297
Delta R.T. -0.200 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

Tgt Ion:165 Resp: 27225
Ion Ratio Lower Upper
165 100
63 1.3 43.0 64.6#
89 1.6 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: BF127237.D

Acq: 07 Mar 2022 23:22

Instrument :

BNA_F

ClientSampleId :

DUM-24

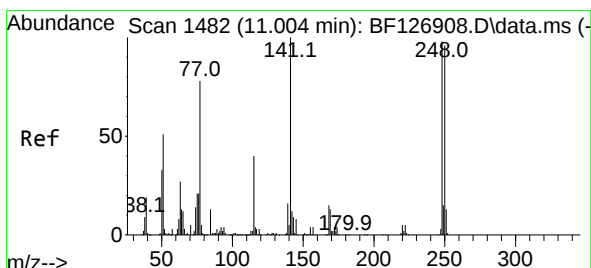
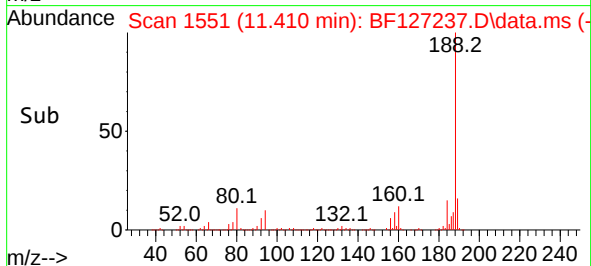
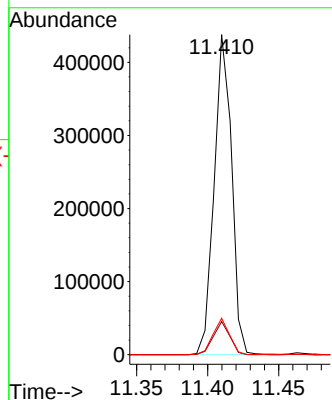
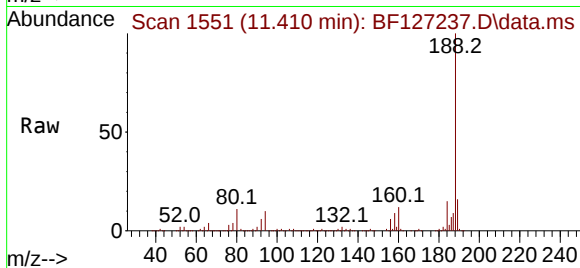
Tgt Ion:188 Resp: 373087

Ion Ratio Lower Upper

188 100

94 10.4 10.1 15.1

80 11.4 11.8 17.6#



#67

4-Bromophenyl-phenylether

Concen: 3.467 ng

RT: 10.716 min Scan# 1433

Delta R.T. -0.241 min

Lab File: BF127237.D

Acq: 07 Mar 2022 23:22

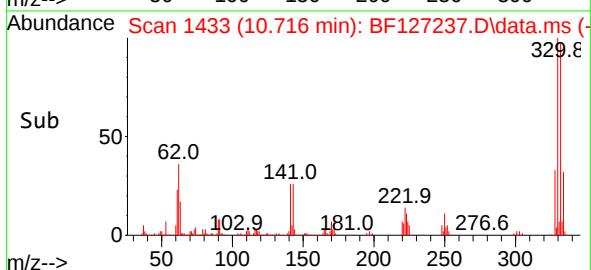
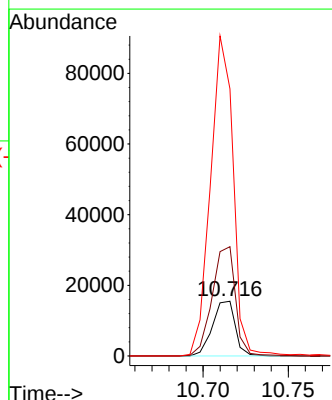
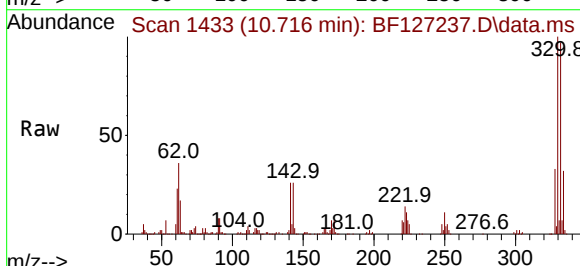
Tgt Ion:248 Resp: 14451

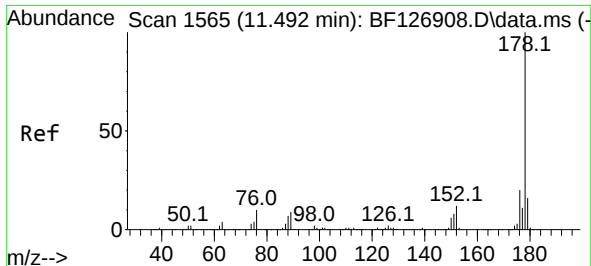
Ion Ratio Lower Upper

248 100

250 199.9 76.2 114.4#

141 488.4 66.2 99.4#

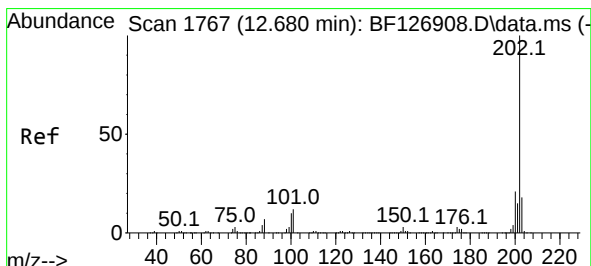
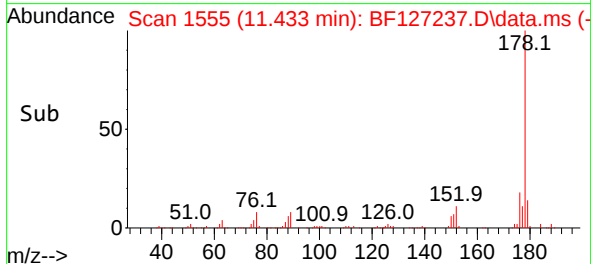
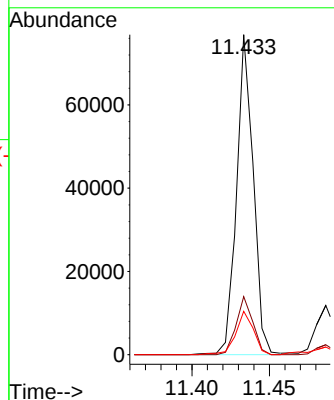
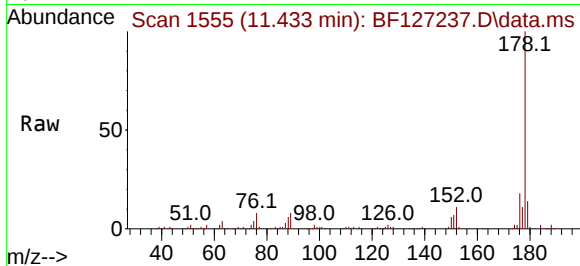




#71
Phenanthrene
Concen: 2.753 ng
RT: 11.433 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

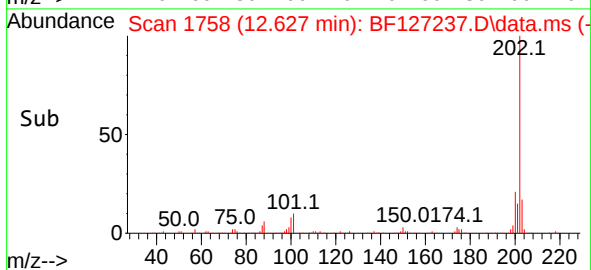
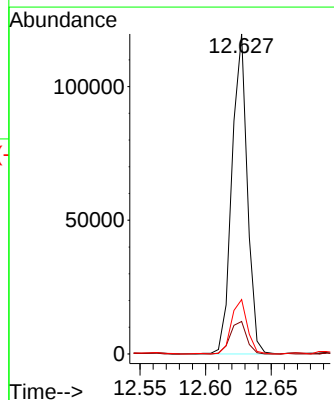
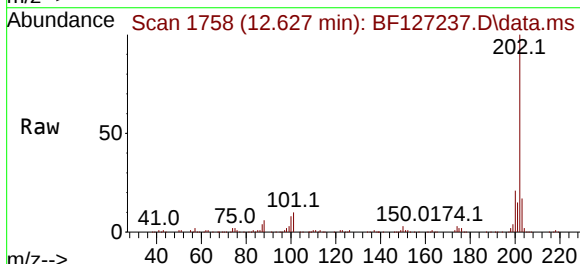
Instrument :
BNA_F
ClientSampleId :
DUM-24

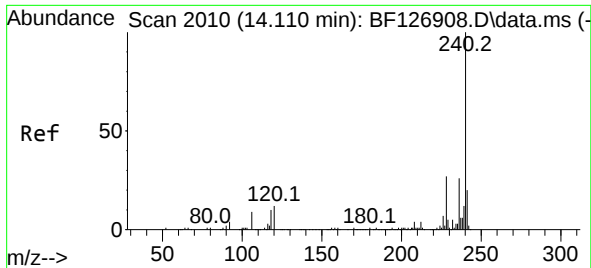
Tgt Ion:178 Resp: 57489
Ion Ratio Lower Upper
178 100
176 18.1 15.7 23.5
179 13.6 12.3 18.5



#75
Fluoranthene
Concen: 4.929 ng
RT: 12.627 min Scan# 1758
Delta R.T. -0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

Tgt Ion:202 Resp: 97732
Ion Ratio Lower Upper
202 100
101 10.1 0.0 35.7
203 17.0 0.0 37.1

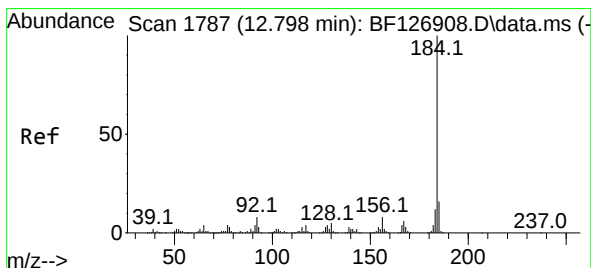
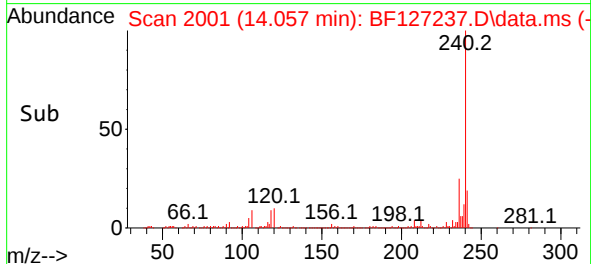
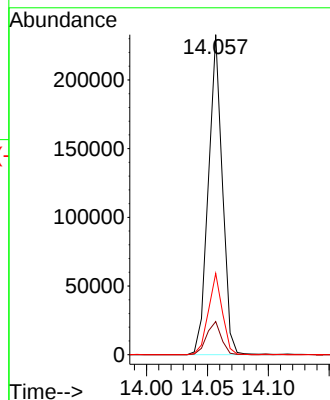
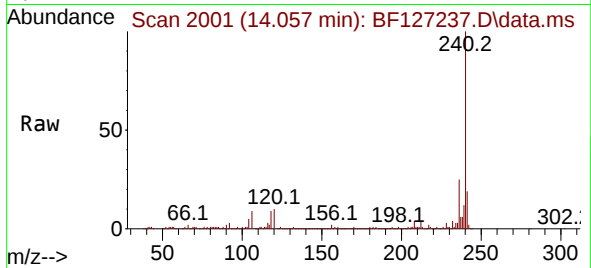




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 20
Delta R.T. -0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

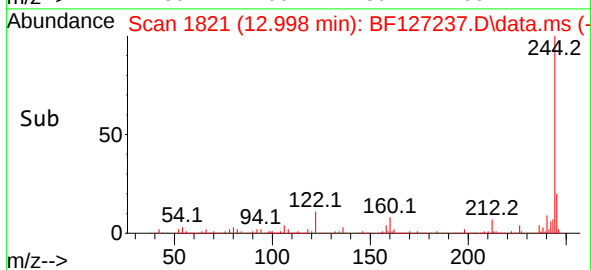
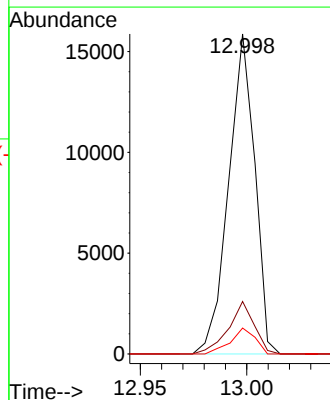
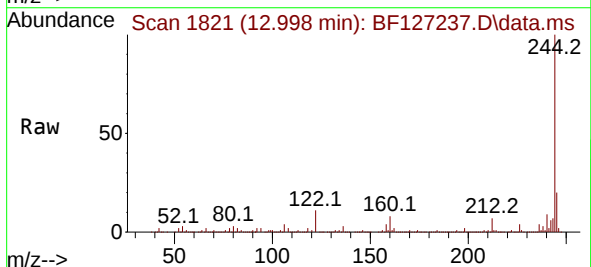
Instrument :
BNA_F
ClientSampleId :
DUM-24

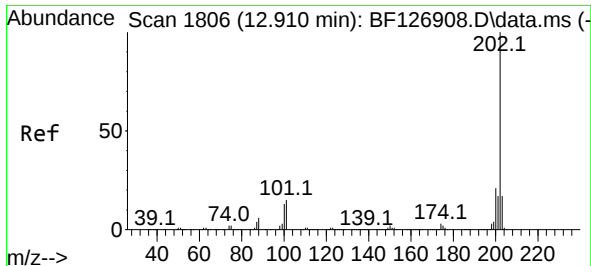
Tgt Ion:240 Resp: 185952
Ion Ratio Lower Upper
240 100
120 10.4 14.4 21.6#
236 25.4 20.5 30.7



#77
Benzidine
Concen: 2.684 ng
RT: 12.998 min Scan# 1821
Delta R.T. 0.247 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

Tgt Ion:184 Resp: 13564
Ion Ratio Lower Upper
184 100
185 16.4 11.8 17.8
183 8.1 8.2 12.2#

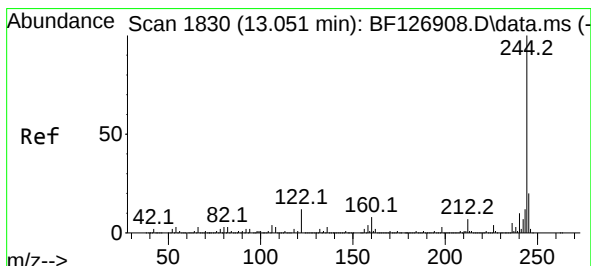
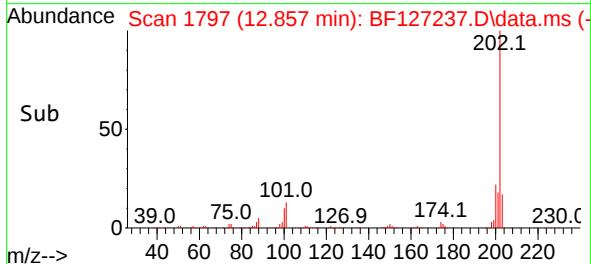
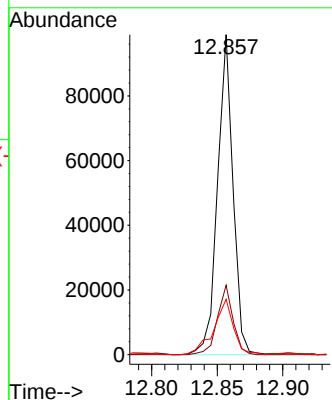
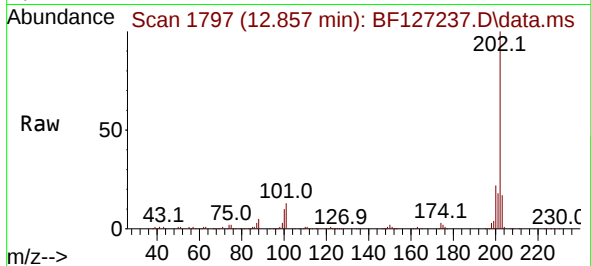




#78
Pyrene
Concen: 5.036 ng
RT: 12.857 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

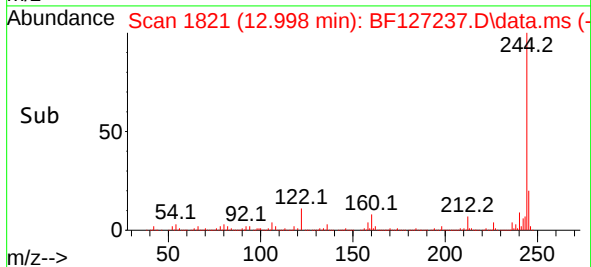
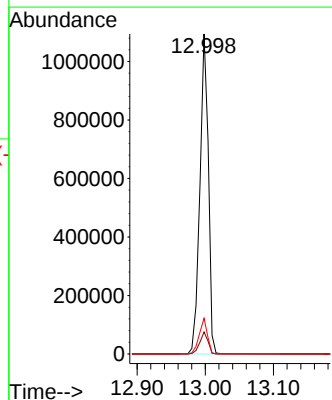
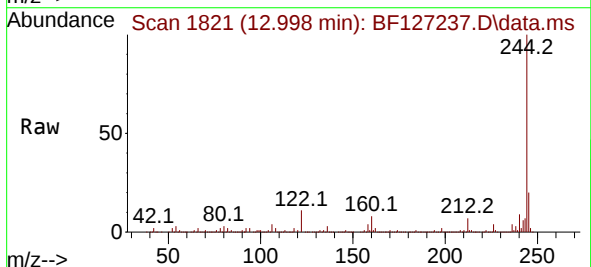
Instrument :
BNA_F
ClientSampleId :
DUM-24

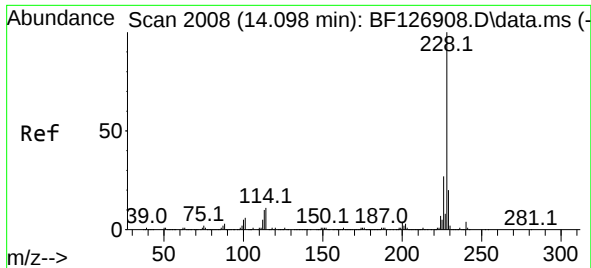
Tgt Ion:202 Resp: 81361
Ion Ratio Lower Upper
202 100
200 21.7 16.6 24.8
203 17.3 13.8 20.8



#79
Terphenyl-d14
Concen: 74.432 ng
RT: 12.998 min Scan# 1821
Delta R.T. 0.000 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

Tgt Ion:244 Resp: 941524
Ion Ratio Lower Upper
244 100
212 6.8 5.0 7.4
122 11.1 13.3 19.9#

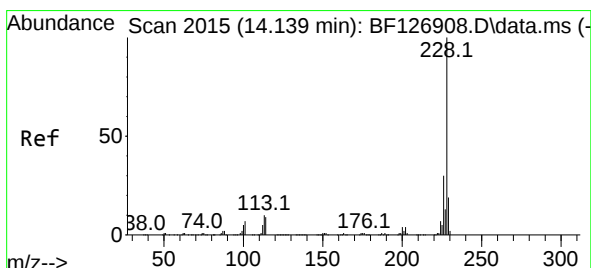
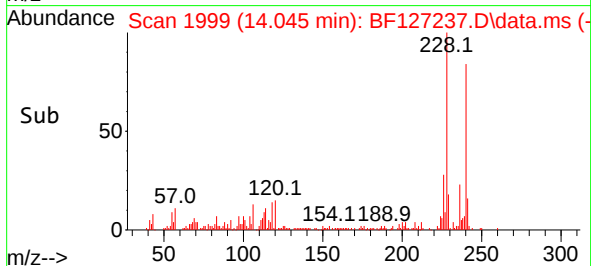
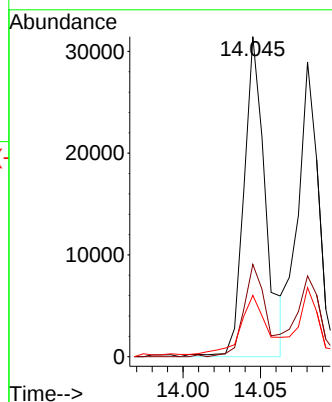
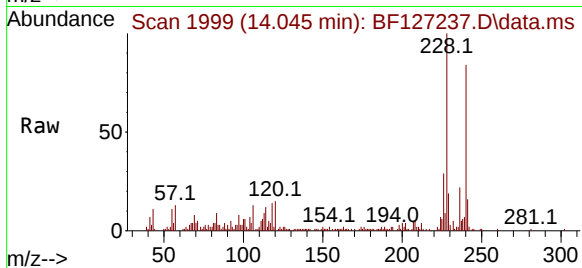




#81
Benzo(a)anthracene
Concen: 2.405 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

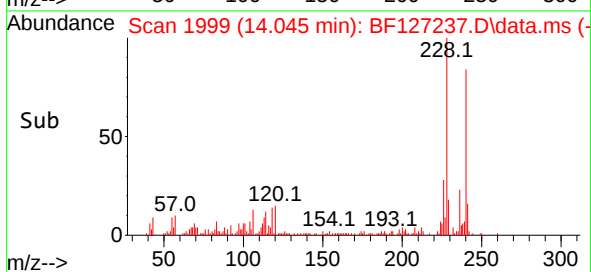
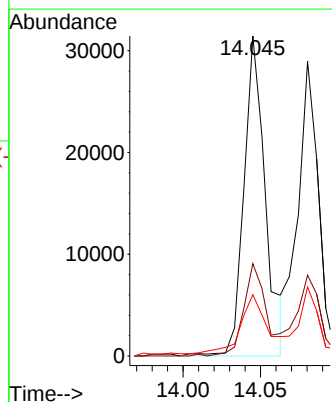
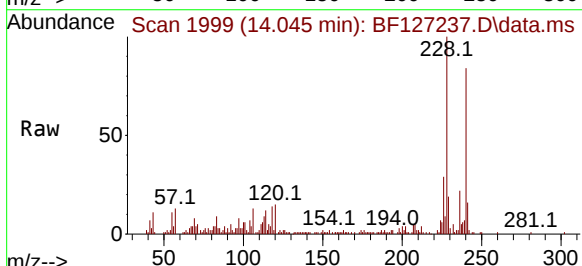
Instrument :
BNA_F
ClientSampleId :
DUM-24

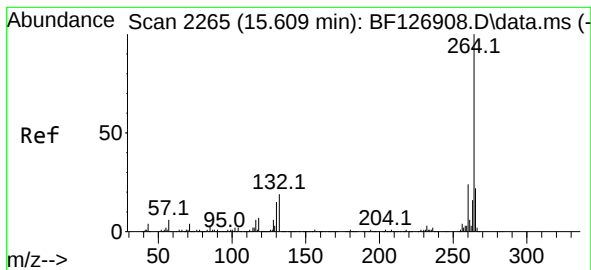
Tgt Ion:228 Resp: 30150
Ion Ratio Lower Upper
228 100
226 28.8 21.4 32.0
229 19.1 15.4 23.2



#83
Chrysene
Concen: 2.558 ng
RT: 14.045 min Scan# 1999
Delta R.T. -0.041 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

Tgt Ion:228 Resp: 30150
Ion Ratio Lower Upper
228 100
226 28.8 23.7 35.5
229 19.1 15.5 23.3





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.545 min Scan# 2179

Delta R.T. 0.000 min

Lab File: BF127237.D

Acq: 07 Mar 2022 23:22

Instrument :

BNA_F

ClientSampleId :

DUM-24

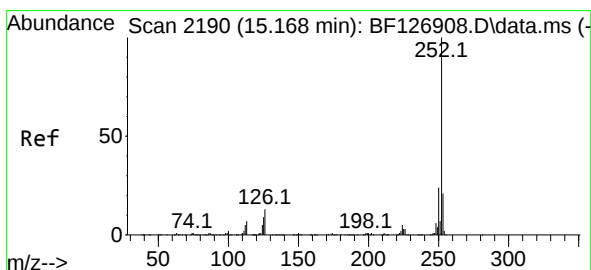
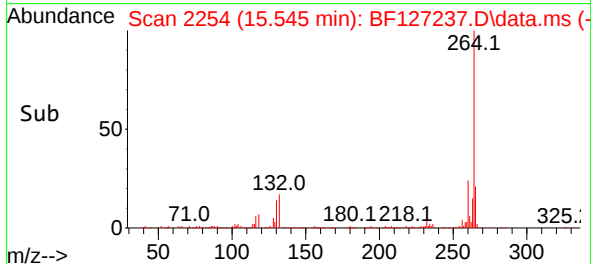
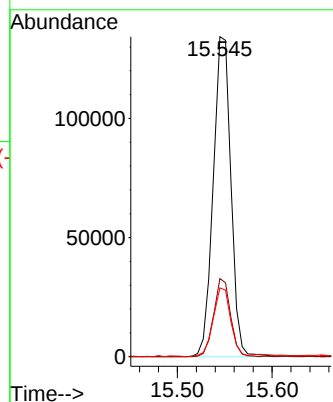
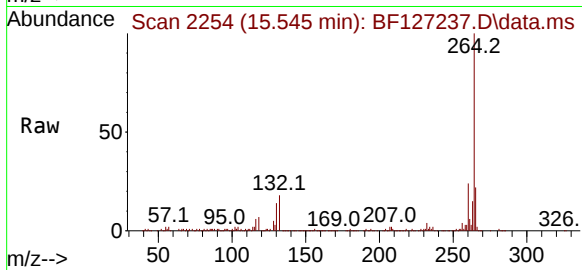
Tgt Ion:264 Resp: 174245

Ion Ratio Lower Upper

264 100

260 24.4 19.2 28.8

265 21.5 17.4 26.2



#88

Benzo(b)fluoranthene

Concen: 4.082 ng

RT: 15.104 min Scan# 2179

Delta R.T. -0.006 min

Lab File: BF127237.D

Acq: 07 Mar 2022 23:22

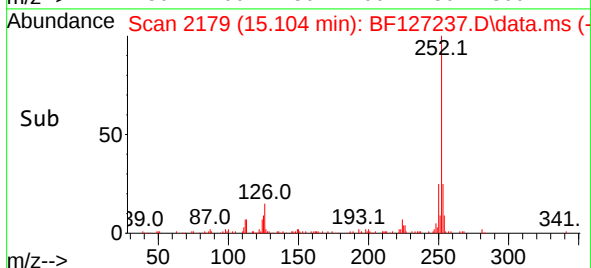
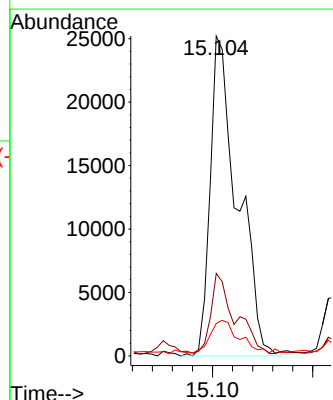
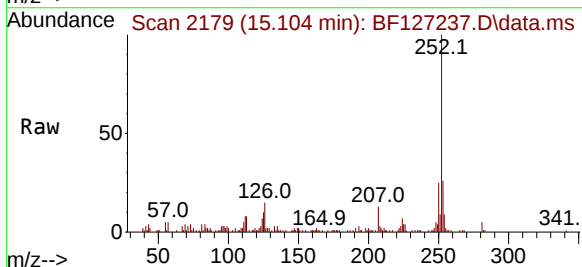
Tgt Ion:252 Resp: 47773

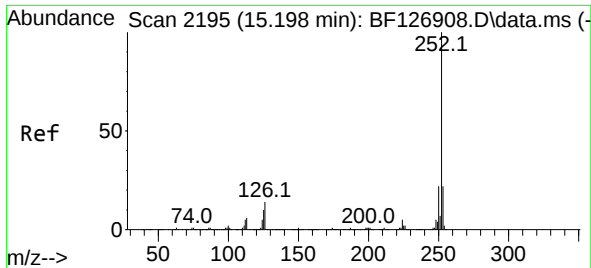
Ion Ratio Lower Upper

252 100

253 25.8 17.8 26.8

125 10.2 12.4 18.6#

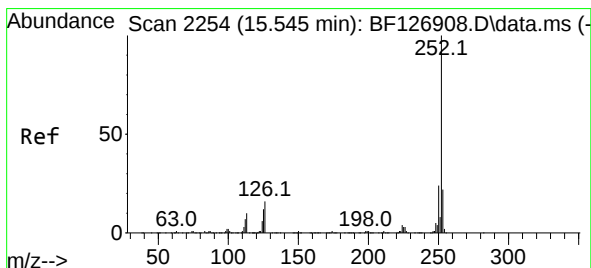
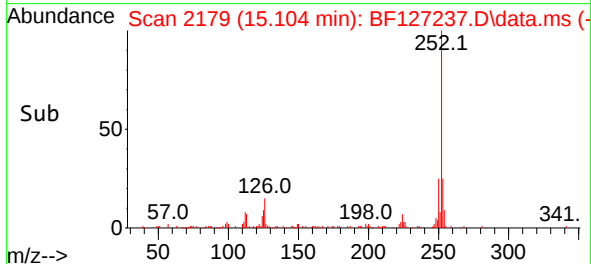
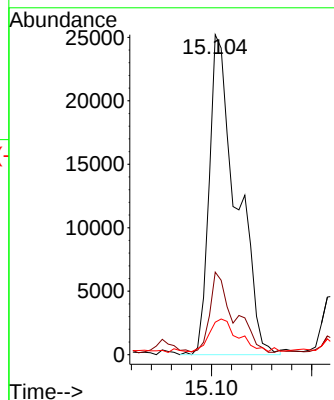
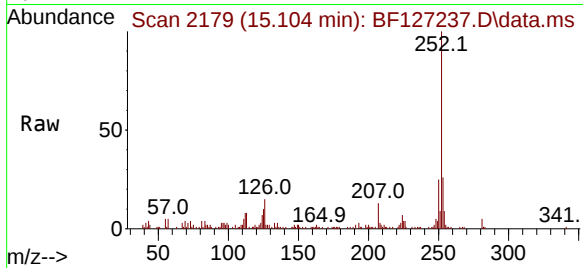




#89
Benzo(k)fluoranthene
Concen: 4.232 ng
RT: 15.104 min Scan# 2195
Delta R.T. -0.035 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

Instrument :
BNA_F
ClientSampleId :
DUM-24

Tgt Ion:252 Resp: 47773
Ion Ratio Lower Upper
252 100
253 25.8 17.5 26.3
125 10.2 11.8 17.6#



#90
Benzo(a)pyrene
Concen: 2.828 ng
RT: 15.480 min Scan# 2243
Delta R.T. -0.006 min
Lab File: BF127237.D
Acq: 07 Mar 2022 23:22

Tgt Ion:252 Resp: 25849
Ion Ratio Lower Upper
252 100
253 19.7 17.1 25.7
125 13.2 13.0 19.6

