

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF053122\
 Data File : BF128600.D
 Acq On : 31 May 2022 17:53
 Operator : CG\JU
 Sample : N3109-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BB-9

Quant Time: Jun 01 00:58:01 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF052622.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 27 01:51:59 2022
 Response via : Initial Calibration

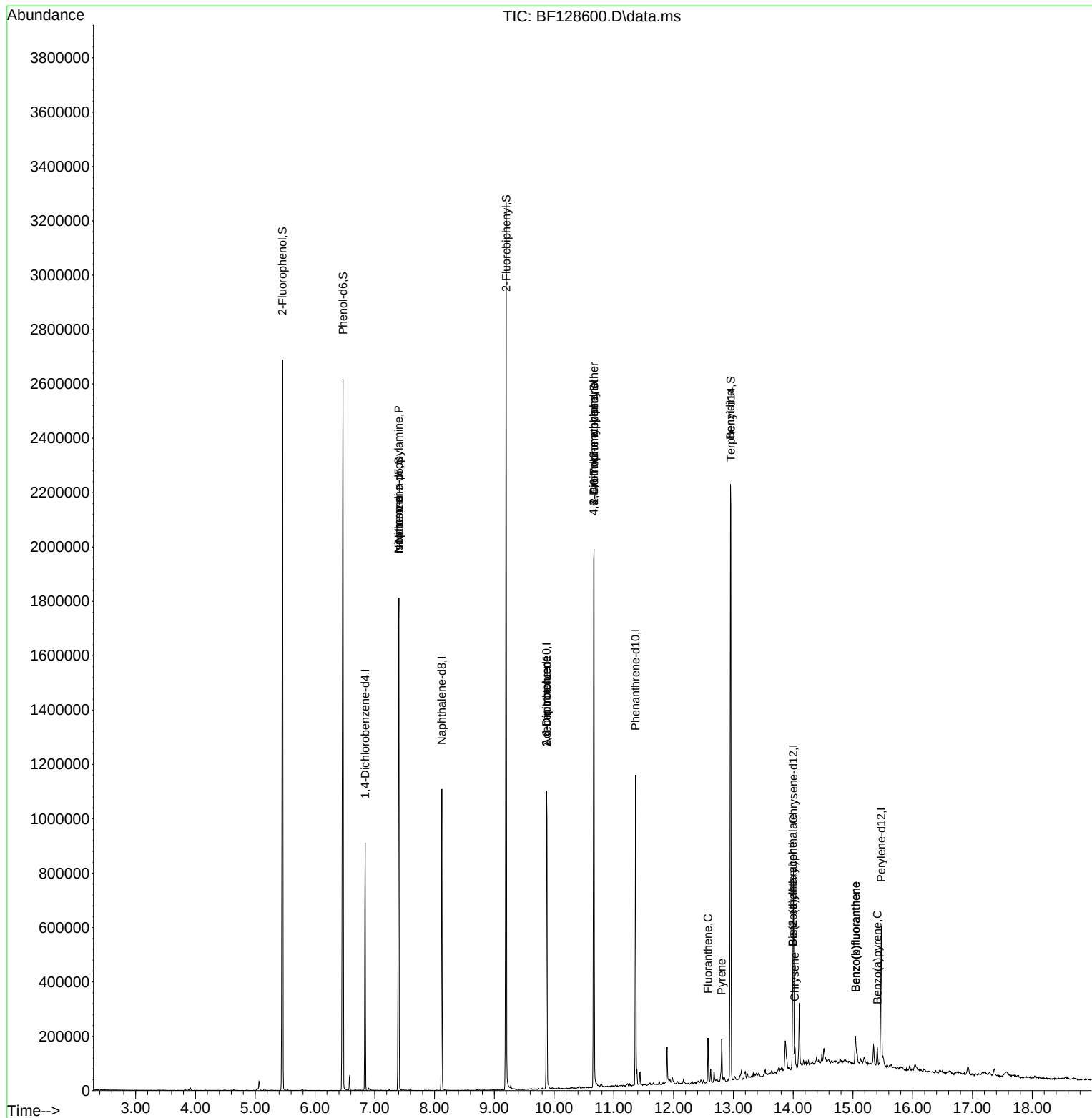
Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.840	152	112374	20.000	ng	0.00
21) Naphthalene-d8	8.122	136	429613	20.000	ng	# 0.00
39) Acenaphthene-d10	9.875	164	235209	20.000	ng	0.00
64) Phenanthrene-d10	11.363	188	401803	20.000	ng	0.00
76) Chrysene-d12	14.004	240	232437	20.000	ng	# 0.00
86) Perylene-d12	15.474	264	232007	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.457	112	644239	94.962	ng	0.00
7) Phenol-d6	6.469	99	821867	95.013	ng	0.00
23) Nitrobenzene-d5	7.404	82	593098	79.641	ng	0.00
42) 2,4,6-Tribromophenol	10.669	330	244580	109.246	ng	0.00
45) 2-Fluorobiphenyl	9.198	172	935789	64.637	ng	0.00
79) Terphenyl-d14	12.957	244	798615	66.379	ng	0.00
Target Compounds						
9) Benzaldehyde	6.469	77	1593	Below Cal		Qvalue # 1
19) n-Nitroso-di-n-propyla...	7.404	70	84513	15.935	ng	# 76
25) Isophorone	7.404	82	591174	43.032	ng	# 65
51) 2,6-Dinitrotoluene	9.875	165	29970	10.718	ng	# 26
57) 2,4-Dinitrotoluene	9.875	165	29970	8.959	ng	# 21
65) 4,6-Dinitro-2-methylph...	10.663	198	596	5.786	ng	# 1
67) 4-Bromophenyl-phenylether	10.669	248	16361	3.941	ng	# 1
75) Fluoranthene	12.574	202	59179	2.908	ng	96
77) Benzidine	12.951	184	12084	2.254	ng	# 92
78) Pyrene	12.804	202	59894	3.420	ng	98
81) Benzo(a)anthracene	13.992	228	28705	2.078	ng	99
83) Chrysene	14.027	228	34068	2.408	ng	97
84) Bis(2-ethylhexyl)phtha...	13.992	149	35847	4.013	ng	99
88) Benzo(b)fluoranthene	15.045	252	67468	4.675	ng	99
89) Benzo(k)fluoranthene	15.045	252	67468	5.045	ng	99
90) Benzo(a)pyrene	15.410	252	30740	2.655	ng	99

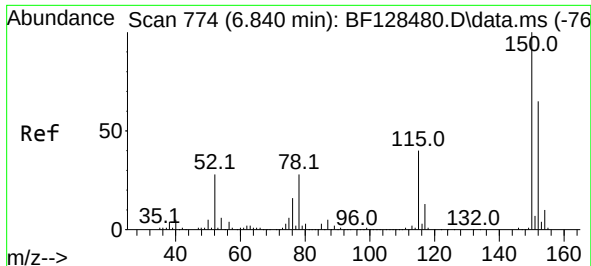
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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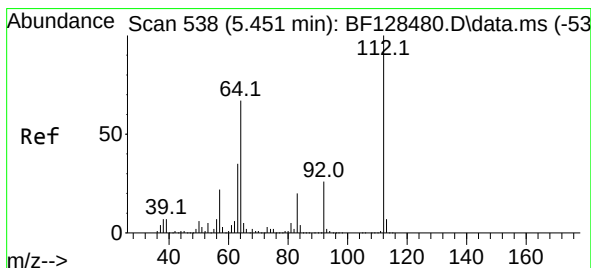
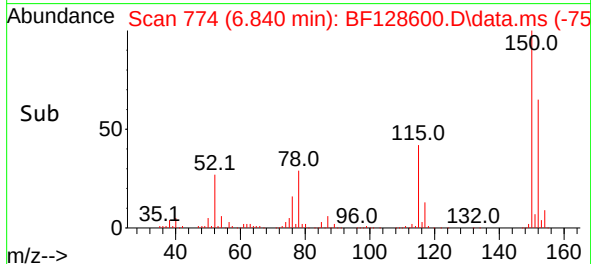
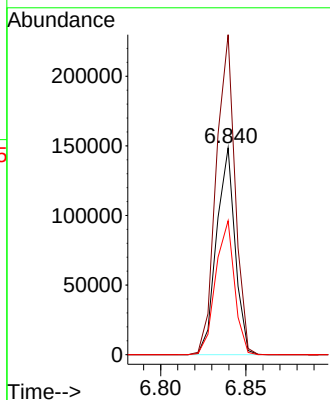
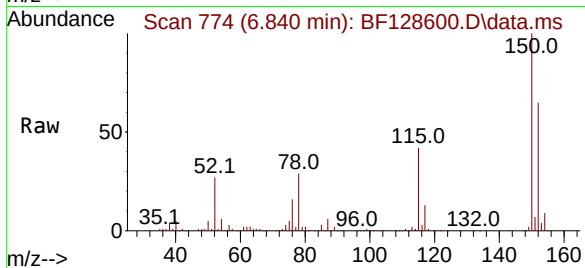




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.840 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

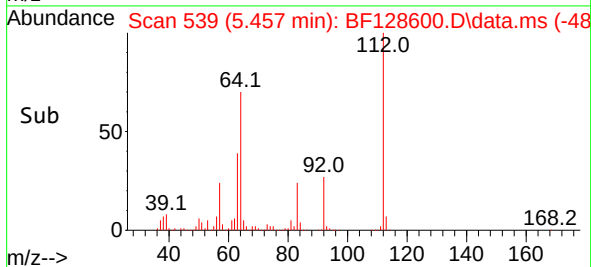
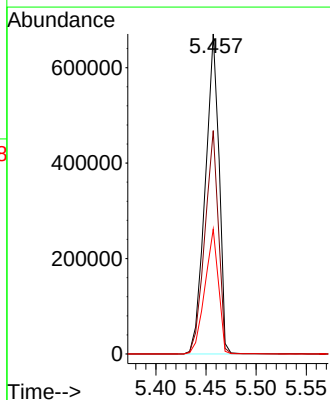
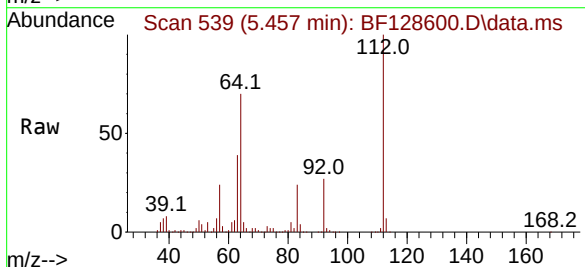
Instrument :
BNA_F
ClientSampleId :
BB-9

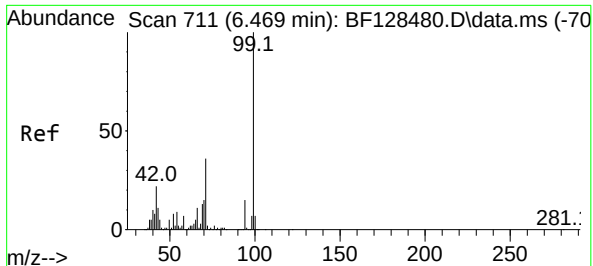
Tgt Ion:152 Resp: 112374
Ion Ratio Lower Upper
152 100
150 154.6 123.7 185.5
115 64.7 49.9 74.9



#5
2-Fluorophenol
Concen: 94.962 ng
RT: 5.457 min Scan# 539
Delta R.T. 0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

Tgt Ion:112 Resp: 644239
Ion Ratio Lower Upper
112 100
64 69.8 53.3 79.9
63 39.0 28.0 42.0

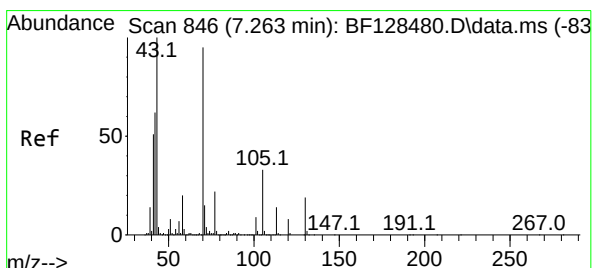
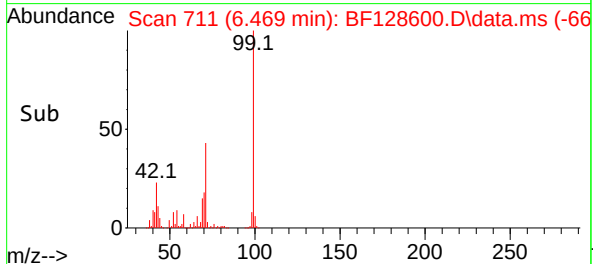
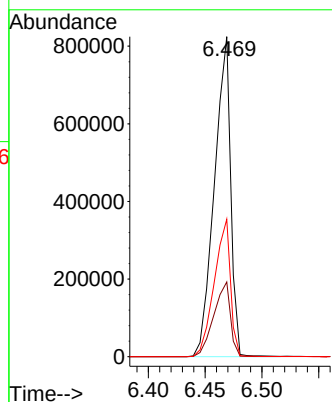
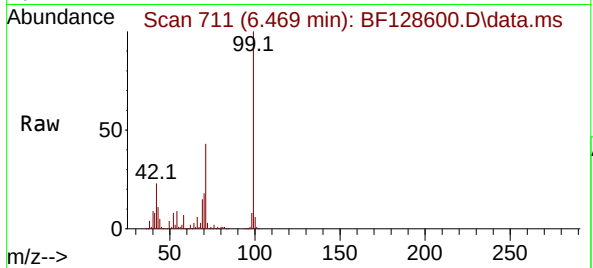




#7
Phenol-d6
Concen: 95.013 ng
RT: 6.469 min Scan# 711
Delta R.T. -0.000 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

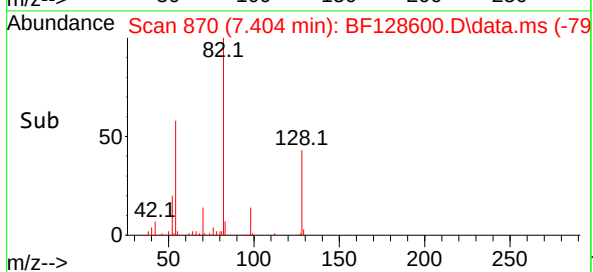
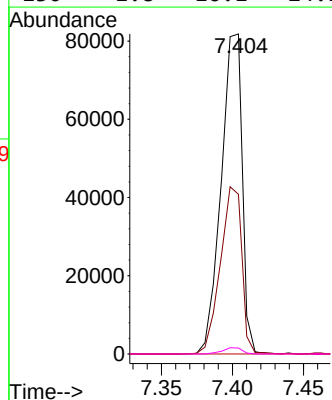
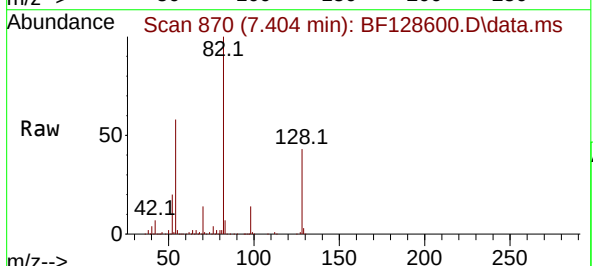
Instrument :
BNA_F
ClientSampleId :
BB-9

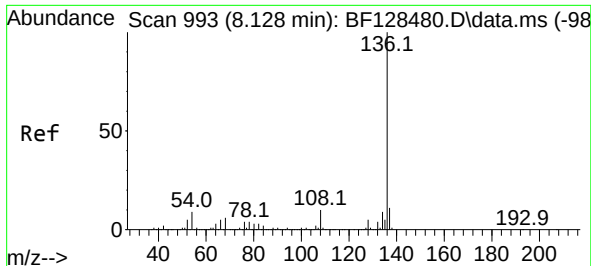
Tgt Ion: 99 Resp: 821867
Ion Ratio Lower Upper
99 100
42 23.4 17.3 25.9
71 42.9 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 15.935 ng
RT: 7.404 min Scan# 870
Delta R.T. 0.141 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

Tgt Ion: 70 Resp: 84513
Ion Ratio Lower Upper
70 100
42 49.9 52.3 78.5#
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#

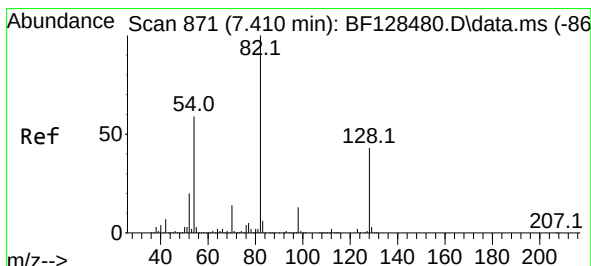
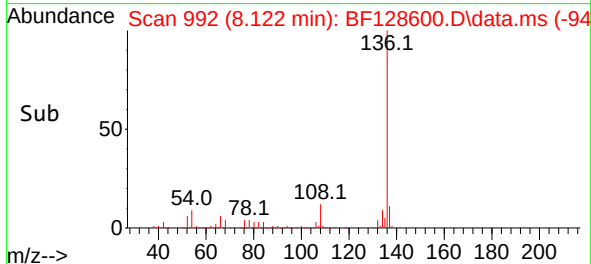
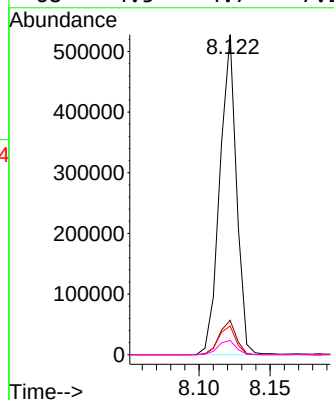
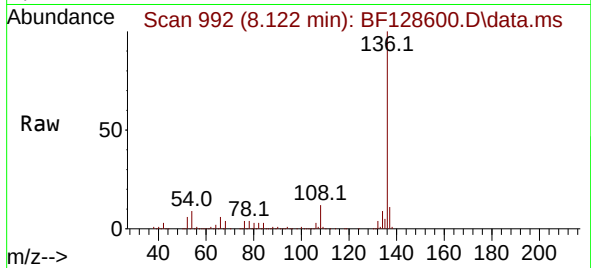




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.122 min Scan# 993
Delta R.T. -0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

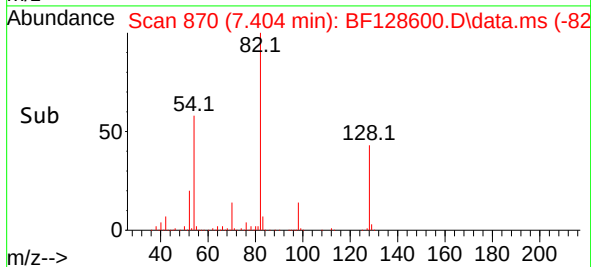
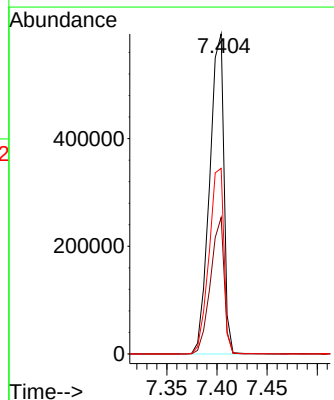
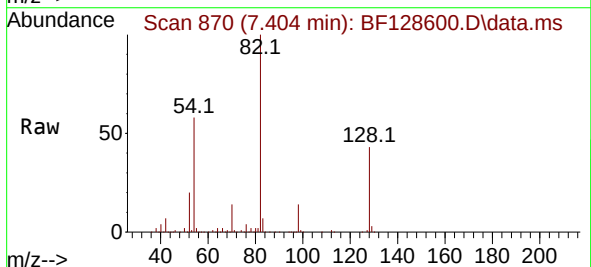
Instrument :
BNA_F
ClientSampleId :
BB-9

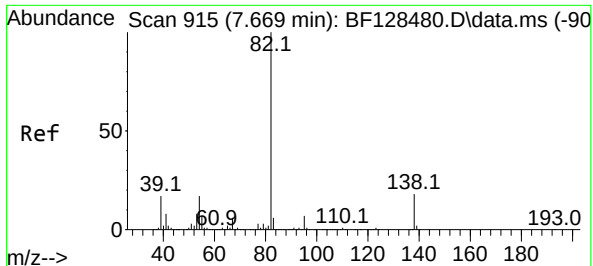
Tgt Ion:136 Resp: 429613
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.0 7.5 11.3
68 4.5 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 79.641 ng
RT: 7.404 min Scan# 870
Delta R.T. -0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

Tgt Ion: 82 Resp: 593098
Ion Ratio Lower Upper
82 100
128 42.7 34.0 51.0
54 58.0 46.9 70.3

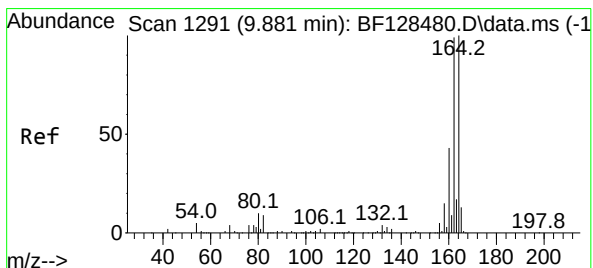
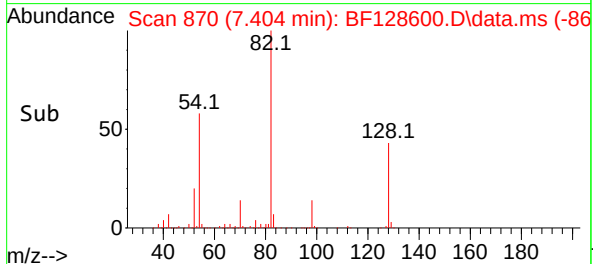
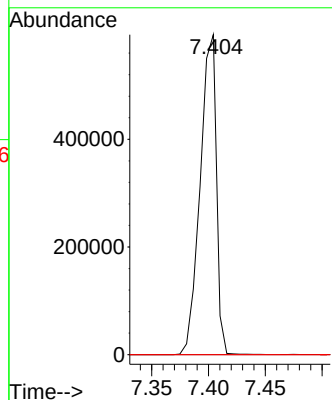
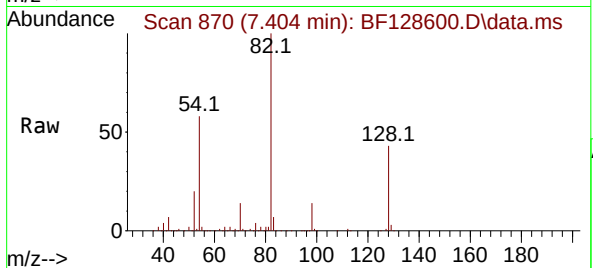




#25
Isophorone
Concen: 43.032 ng
RT: 7.404 min Scan# 81
Delta R.T. -0.265 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

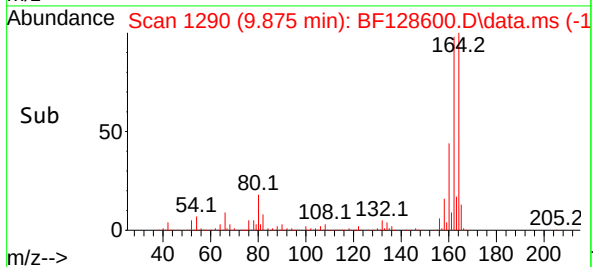
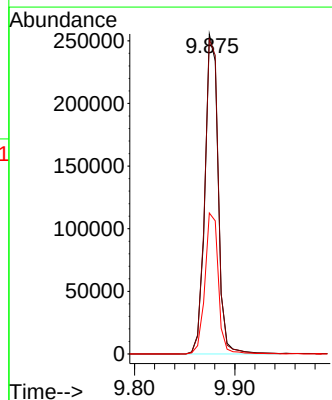
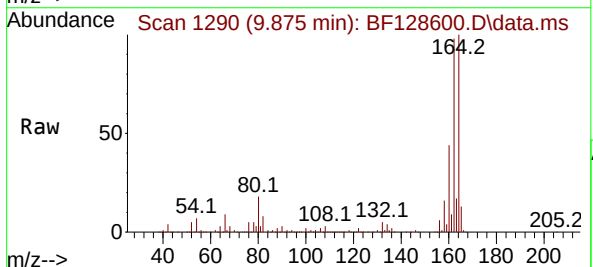
Instrument :
BNA_F
ClientSampleId :
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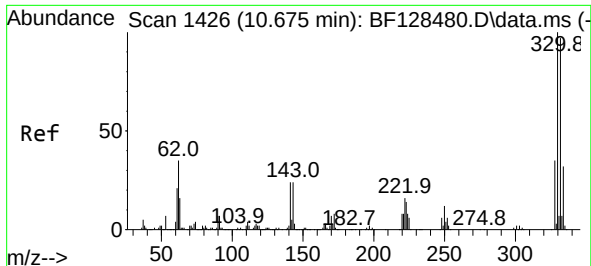
Tgt Ion: 82 Resp: 591174
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

Tgt Ion:164 Resp: 235209
Ion Ratio Lower Upper
164 100
162 98.3 79.5 119.3
160 44.1 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 109.246 ng

RT: 10.669 min Scan# 1426

Delta R.T. -0.006 min

Lab File: BF128600.D

Acq: 31 May 2022 17:53

Instrument :

BNA_F

ClientSampleId :

BB-9

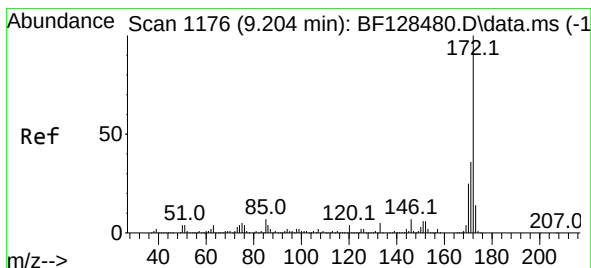
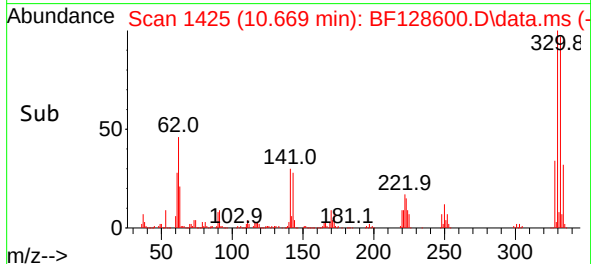
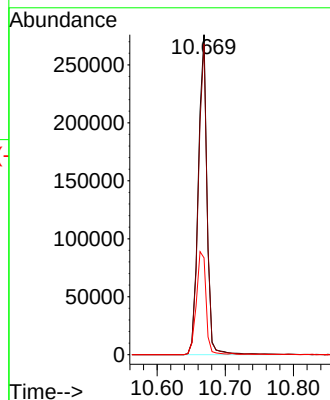
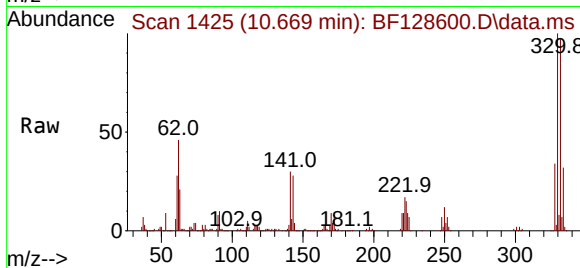
Tgt Ion:330 Resp: 244580

Ion Ratio Lower Upper

330 100

332 96.7 76.8 115.2

141 35.9 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 64.637 ng

RT: 9.198 min Scan# 1175

Delta R.T. -0.006 min

Lab File: BF128600.D

Acq: 31 May 2022 17:53

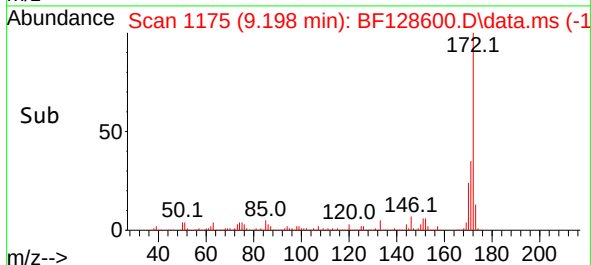
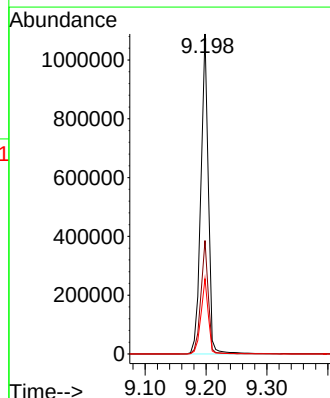
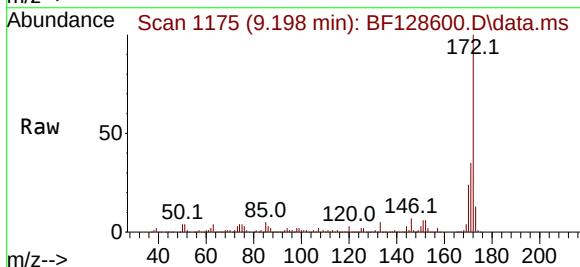
Tgt Ion:172 Resp: 935789

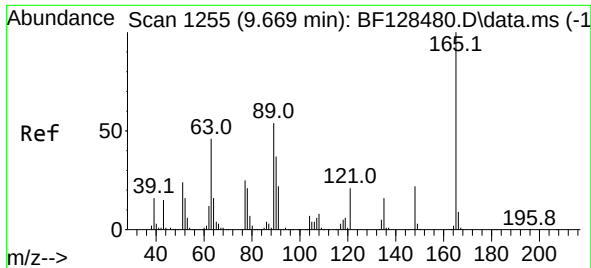
Ion Ratio Lower Upper

172 100

171 35.5 28.8 43.2

170 23.6 19.8 29.8

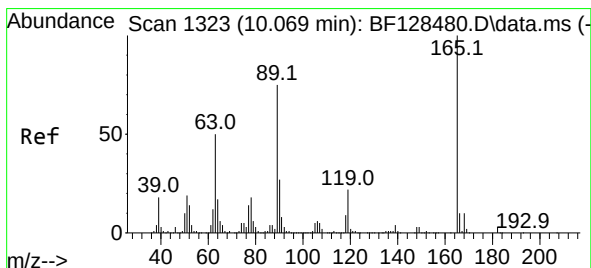
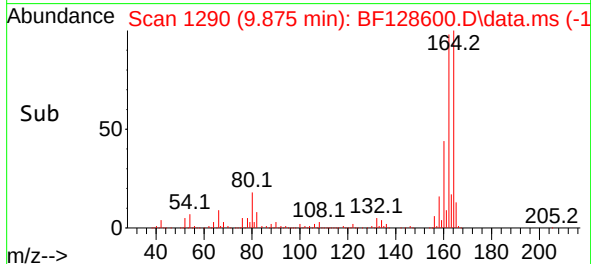
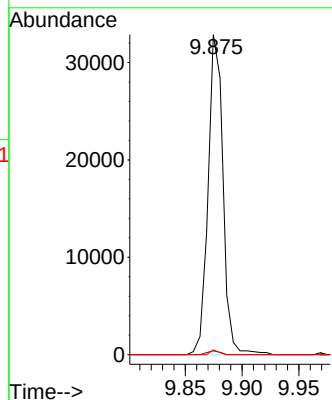
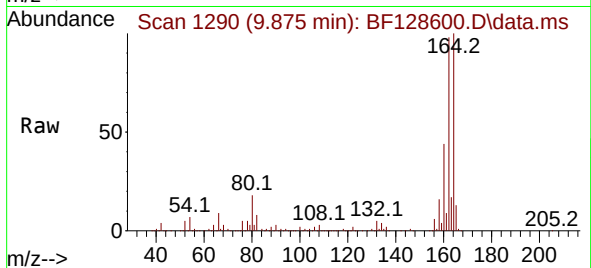




#51
2,6-Dinitrotoluene
Concen: 10.718 ng
RT: 9.875 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

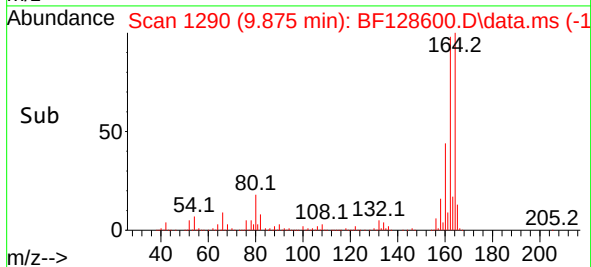
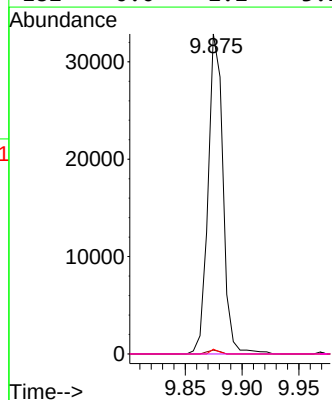
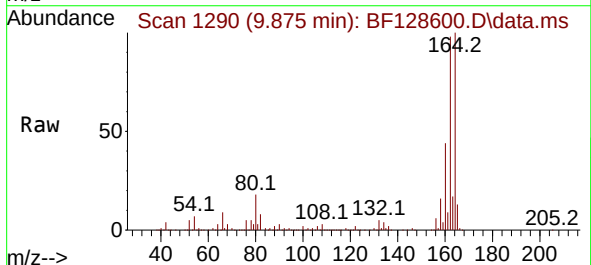
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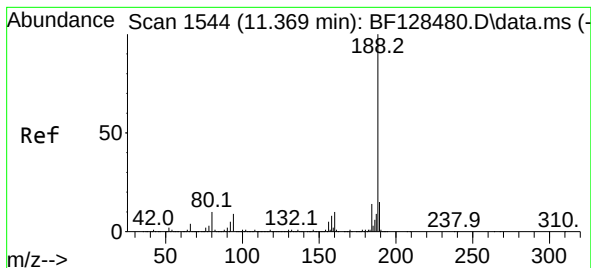
Tgt Ion:165 Resp: 29970
Ion Ratio Lower Upper
165 100
63 1.2 44.9 67.3#
89 1.5 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 8.959 ng
RT: 9.875 min Scan# 1290
Delta R.T. -0.194 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

Tgt Ion:165 Resp: 29970
Ion Ratio Lower Upper
165 100
63 1.2 39.8 59.6#
89 1.5 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.363 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128600.D

Acq: 31 May 2022 17:53

Instrument :

BNA_F

ClientSampleId :

BB-9

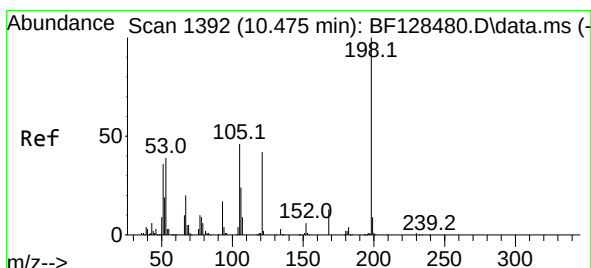
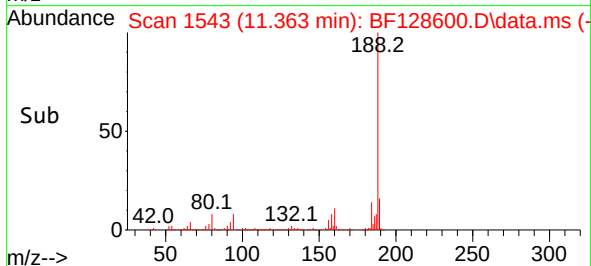
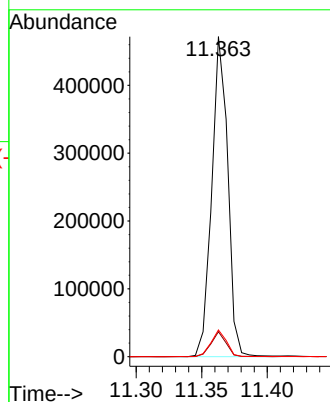
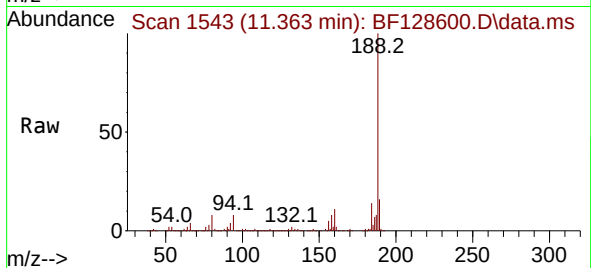
Tgt Ion:188 Resp: 401803

Ion Ratio Lower Upper

188 100

94 7.8 7.0 10.6

80 8.4 7.6 11.4



#65

4,6-Dinitro-2-methylphenol

Concen: 5.786 ng

RT: 10.663 min Scan# 1424

Delta R.T. 0.188 min

Lab File: BF128600.D

Acq: 31 May 2022 17:53

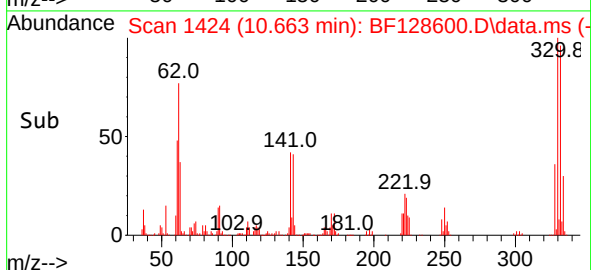
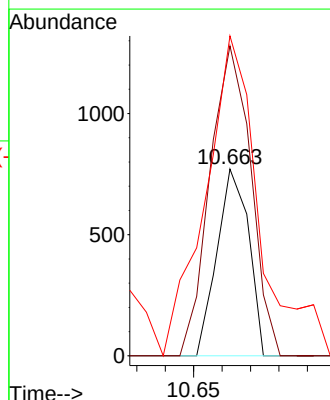
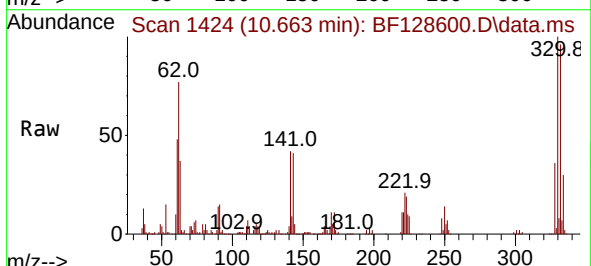
Tgt Ion:198 Resp: 596

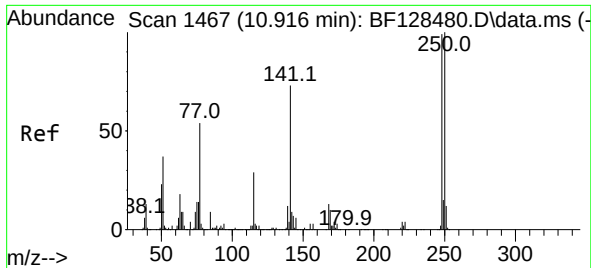
Ion Ratio Lower Upper

198 100

51 165.9 37.6 77.6#

105 171.2 27.0 67.0#

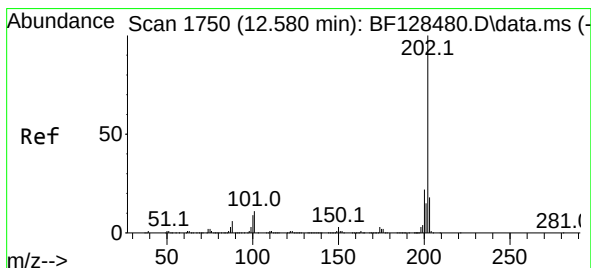
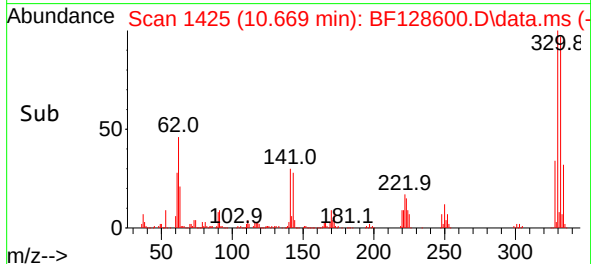
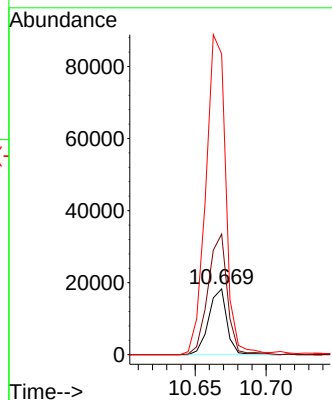
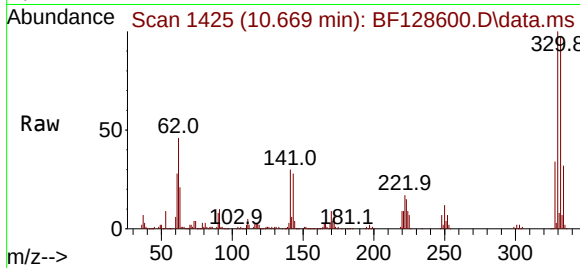




#67
4-Bromophenyl-phenylether
Concen: 3.941 ng
RT: 10.669 min Scan# 1467
Delta R.T. -0.247 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

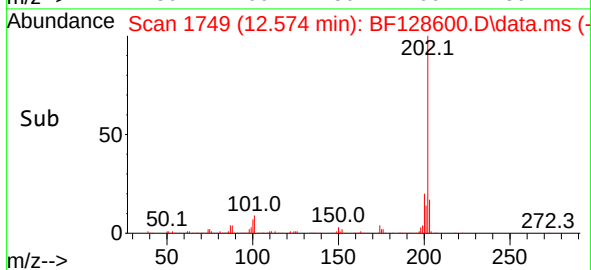
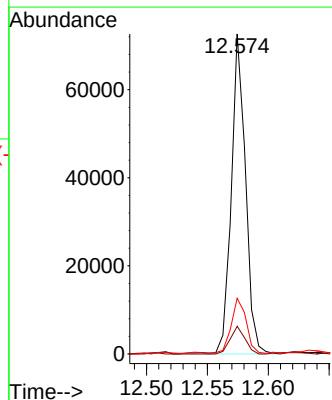
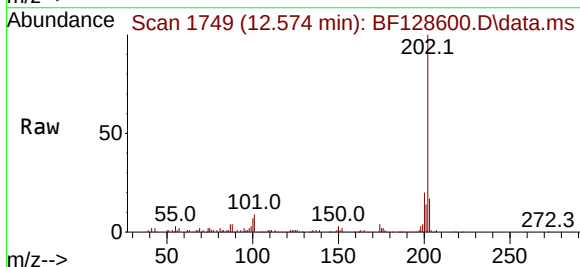
Instrument :
BNA_F
ClientSampleId :
BB-9

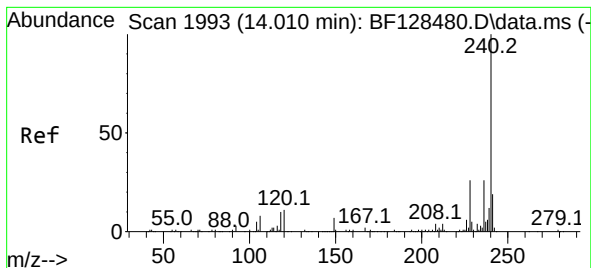
Tgt Ion:248 Resp: 16361
Ion Ratio Lower Upper
248 100
250 183.3 80.6 120.8#
141 457.1 58.9 88.3#



#75
Fluoranthene
Concen: 2.908 ng
RT: 12.574 min Scan# 1749
Delta R.T. -0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

Tgt Ion:202 Resp: 59179
Ion Ratio Lower Upper
202 100
101 8.7 0.0 31.4
203 17.4 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.004 min Scan# 1813

Delta R.T. -0.006 min

Lab File: BF128600.D

Acq: 31 May 2022 17:53

Instrument :

BNA_F

ClientSampleId :

BB-9

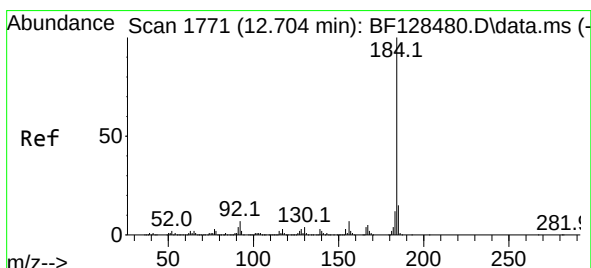
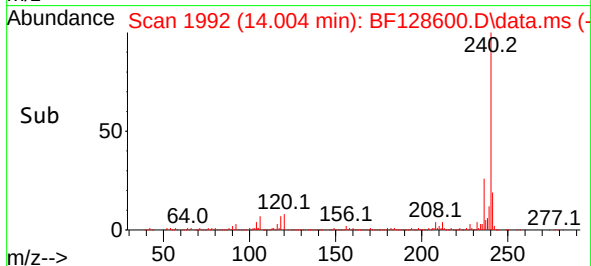
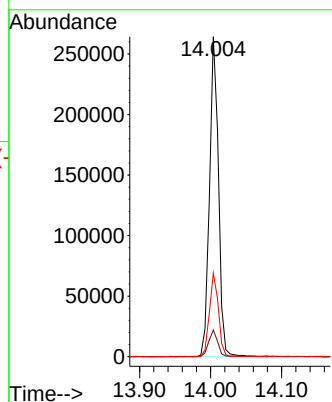
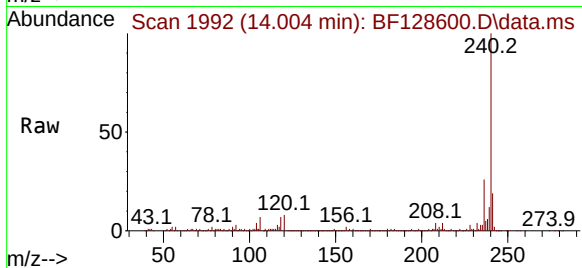
Tgt Ion:240 Resp: 232437

Ion Ratio Lower Upper

240 100

120 8.3 8.9 13.3#

236 26.1 20.8 31.2



#77

Benidine

Concen: 2.254 ng

RT: 12.951 min Scan# 1813

Delta R.T. 0.247 min

Lab File: BF128600.D

Acq: 31 May 2022 17:53

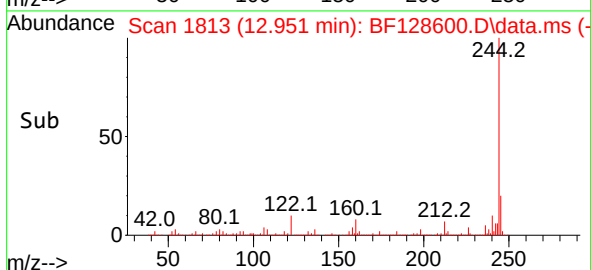
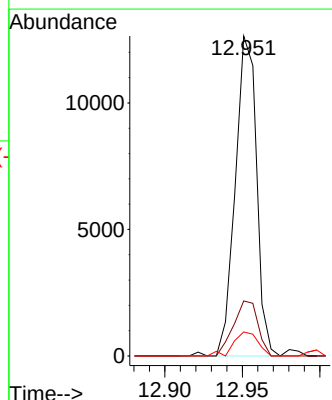
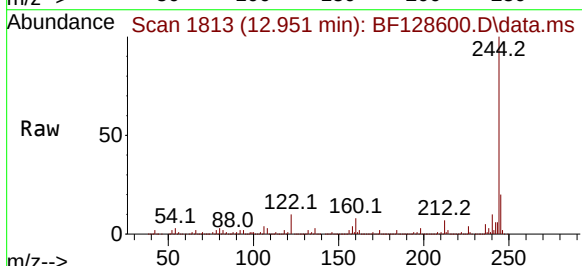
Tgt Ion:184 Resp: 12084

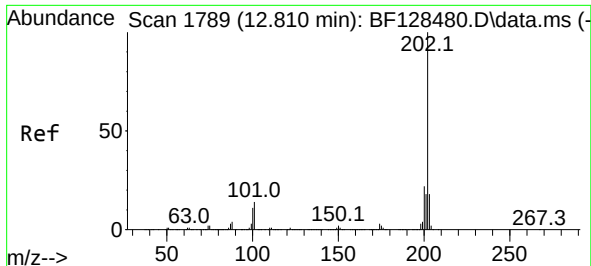
Ion Ratio Lower Upper

184 100

185 17.2 11.9 17.9

183 7.5 9.3 13.9#

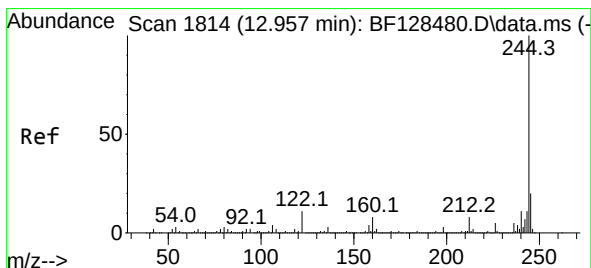
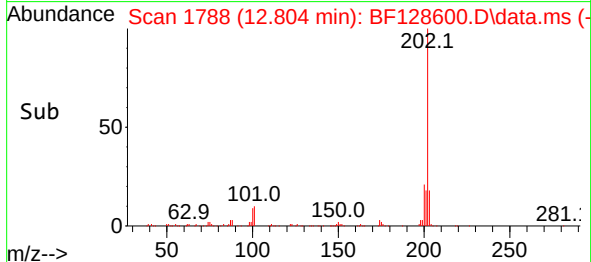
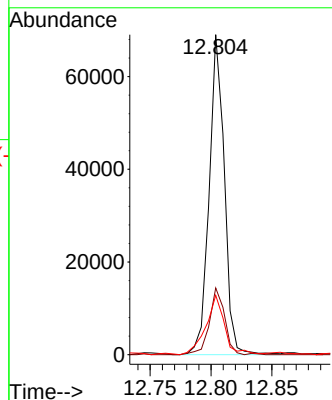
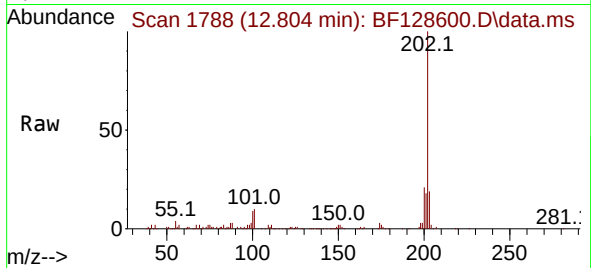




#78
Pyrene
Concen: 3.420 ng
RT: 12.804 min Scan# 1789
Delta R.T. -0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

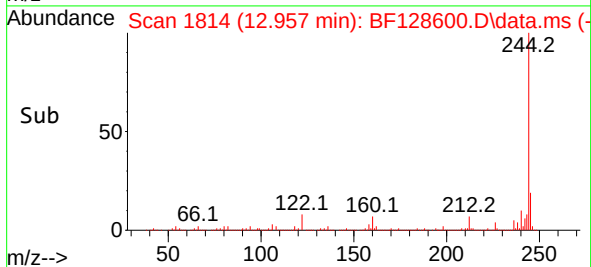
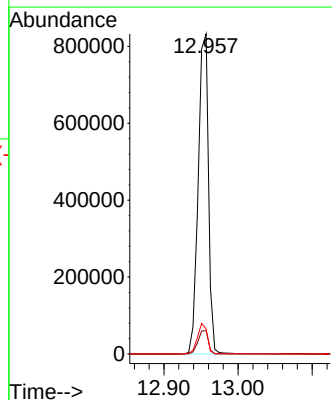
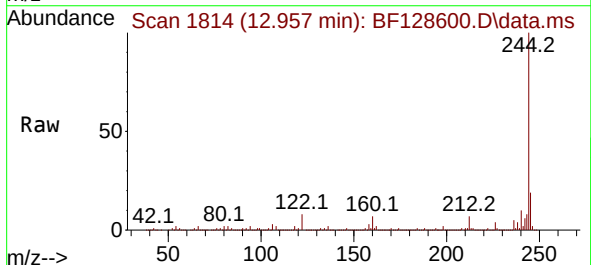
Instrument :
BNA_F
ClientSampleId :
BB-9

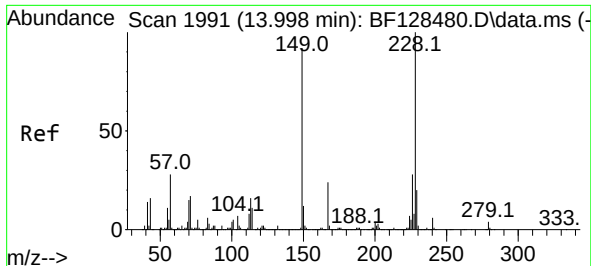
Tgt Ion:202 Resp: 59894
Ion Ratio Lower Upper
202 100
200 20.8 17.7 26.5
203 18.5 14.6 21.8



#79
Terphenyl-d14
Concen: 66.379 ng
RT: 12.957 min Scan# 1814
Delta R.T. -0.000 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

Tgt Ion:244 Resp: 798615
Ion Ratio Lower Upper
244 100
212 7.3 6.1 9.1
122 7.8 8.8 13.2#

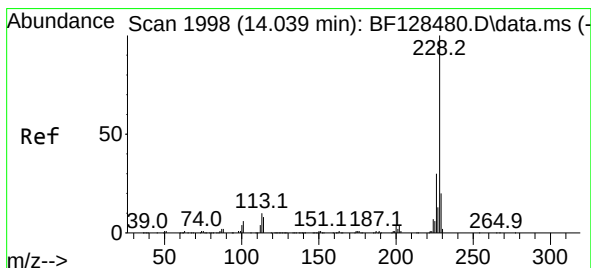
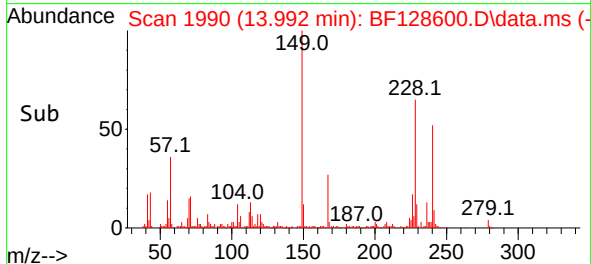
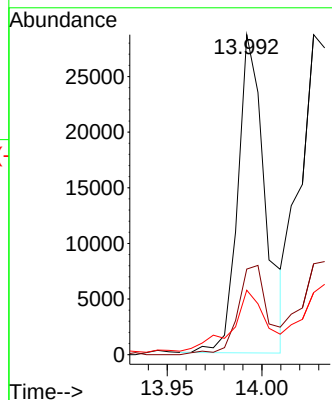
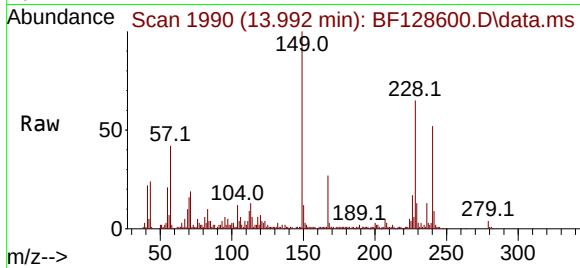




#81
Benzo(a)anthracene
Concen: 2.078 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

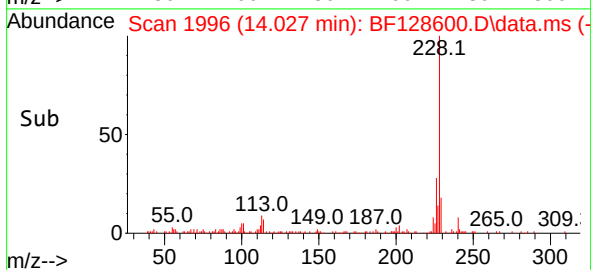
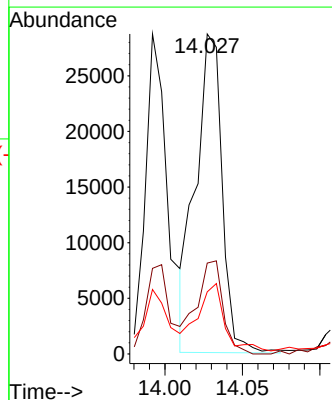
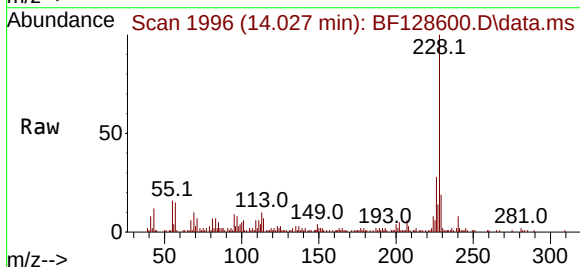
Instrument :
BNA_F
ClientSampleId :
BB-9

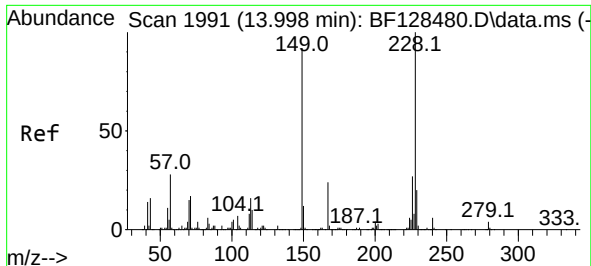
Tgt Ion:228 Resp: 28705
Ion Ratio Lower Upper
228 100
226 26.8 22.1 33.1
229 20.2 15.8 23.8



#83
Chrysene
Concen: 2.408 ng
RT: 14.027 min Scan# 1996
Delta R.T. -0.012 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

Tgt Ion:228 Resp: 34068
Ion Ratio Lower Upper
228 100
226 28.4 24.3 36.5
229 19.4 15.9 23.9

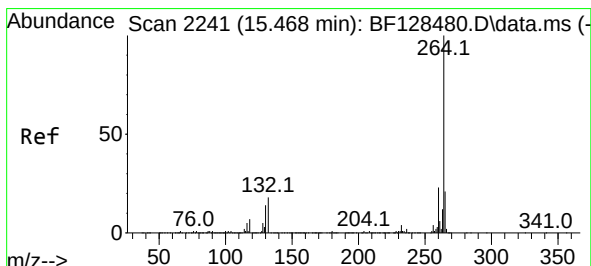
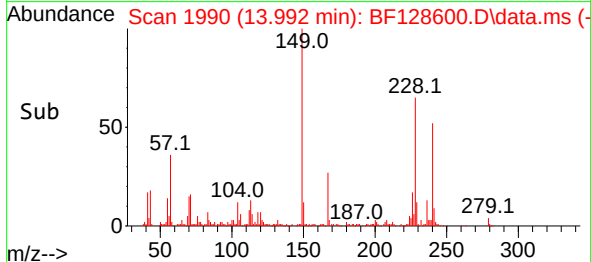
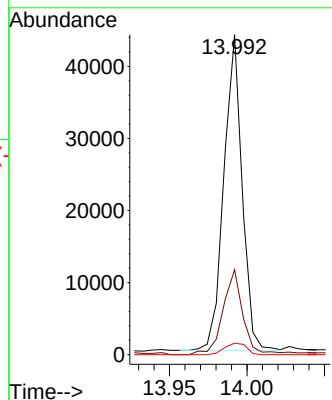
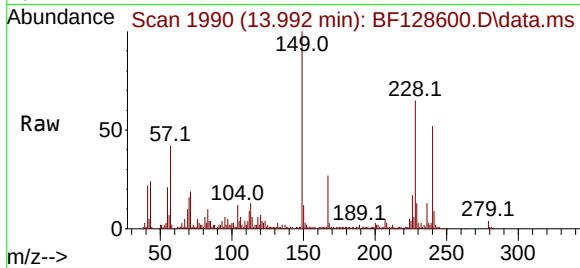




#84
Bis(2-ethylhexyl)phthalate
Concen: 4.013 ng
RT: 13.992 min Scan# 1990
Delta R.T. -0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

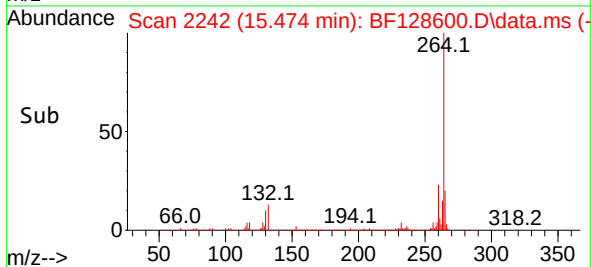
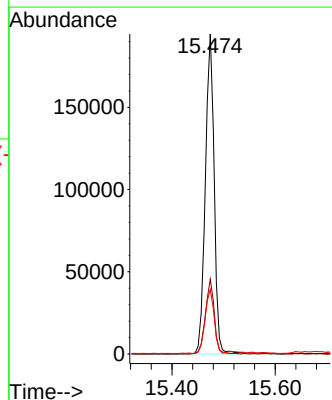
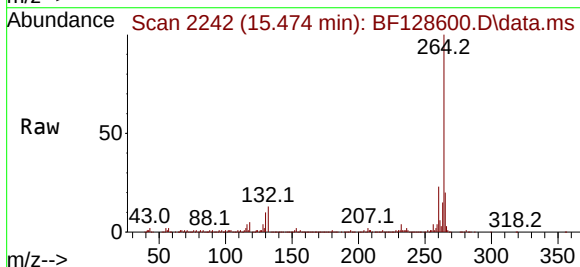
Instrument :
BNA_F
ClientSampleId :
BB-9

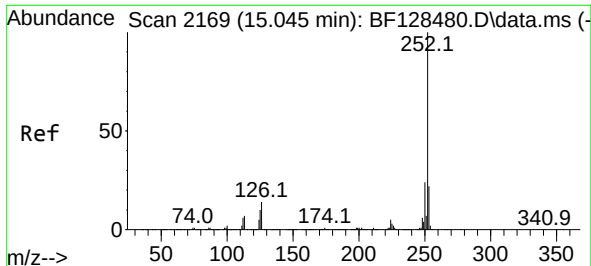
Tgt Ion:149 Resp: 35847
Ion Ratio Lower Upper
149 100
167 26.6 21.0 31.4
279 3.6 3.1 4.7



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.474 min Scan# 2242
Delta R.T. 0.006 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

Tgt Ion:264 Resp: 232007
Ion Ratio Lower Upper
264 100
260 23.4 18.4 27.6
265 20.2 17.2 25.8

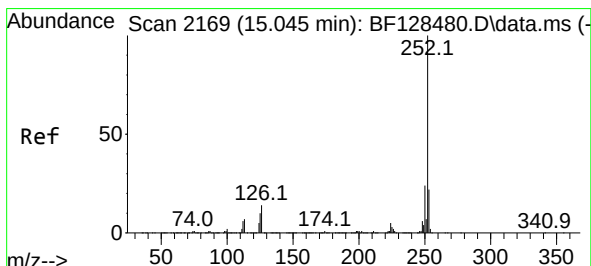
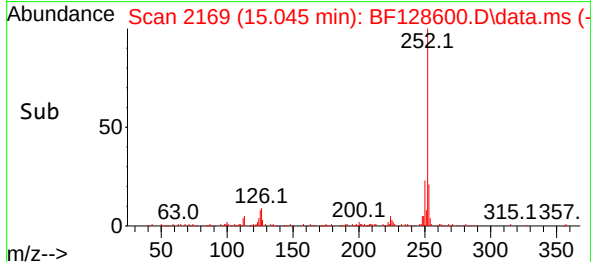
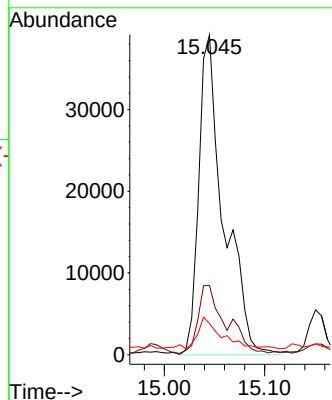
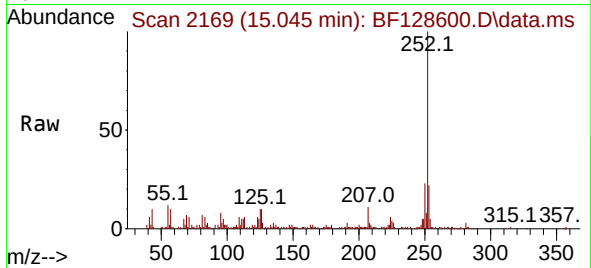




#88
Benzo(b)fluoranthene
Concen: 4.675 ng
RT: 15.045 min Scan# 2169
Delta R.T. -0.000 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

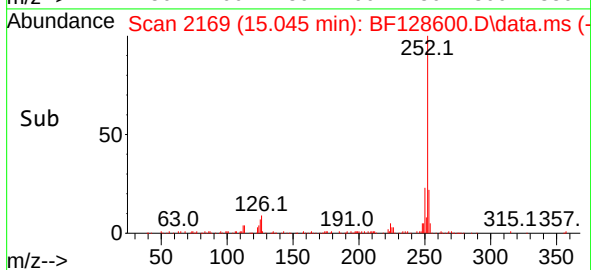
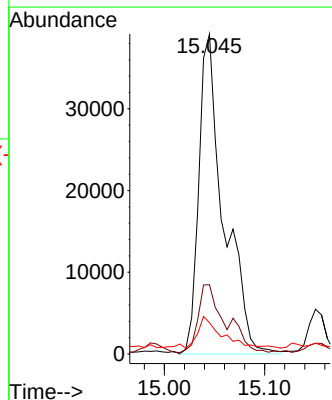
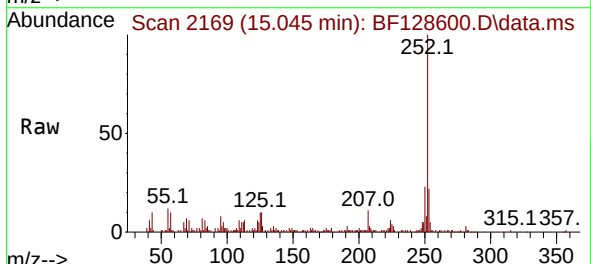
Instrument :
BNA_F
ClientSampleId :
BB-9

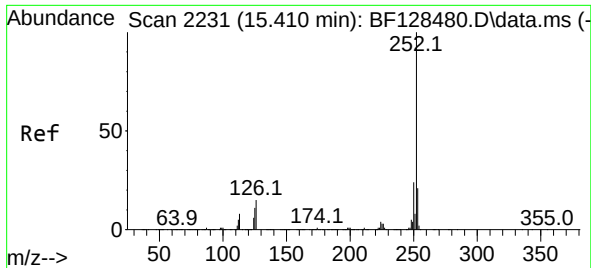
Tgt Ion:252 Resp: 67468
Ion Ratio Lower Upper
252 100
253 21.6 17.7 26.5
125 9.8 8.0 12.0



#89
Benzo(k)fluoranthene
Concen: 5.045 ng
RT: 15.045 min Scan# 2169
Delta R.T. -0.029 min
Lab File: BF128600.D
Acq: 31 May 2022 17:53

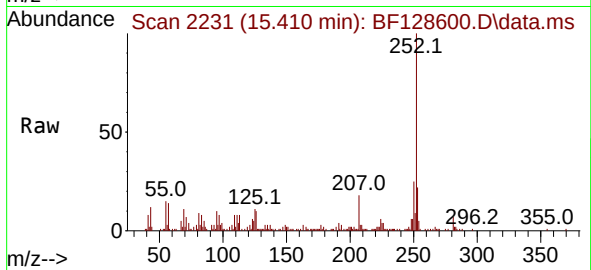
Tgt Ion:252 Resp: 67468
Ion Ratio Lower Upper
252 100
253 21.6 17.8 26.6
125 9.8 8.3 12.5





#90
 Benzo(a)pyrene
 Concen: 2.655 ng
 RT: 15.410 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF128600.D
 Acq: 31 May 2022 17:53

Instrument :
 BNA_F
 ClientSampleId :
 BB-9



Tgt Ion:252 Resp: 30740
 Ion Ratio Lower Upper
 252 100
 253 22.1 17.0 25.6
 125 10.9 8.8 13.2

