

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF061522\
 Data File : BF128825.D
 Acq On : 15 Jun 2022 14:34
 Operator : CG\JU
 Sample : N3340-03
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 CS-3

Quant Time: Jun 15 15:35:31 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jun 14 14:53:53 2022
 Response via : Initial Calibration

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

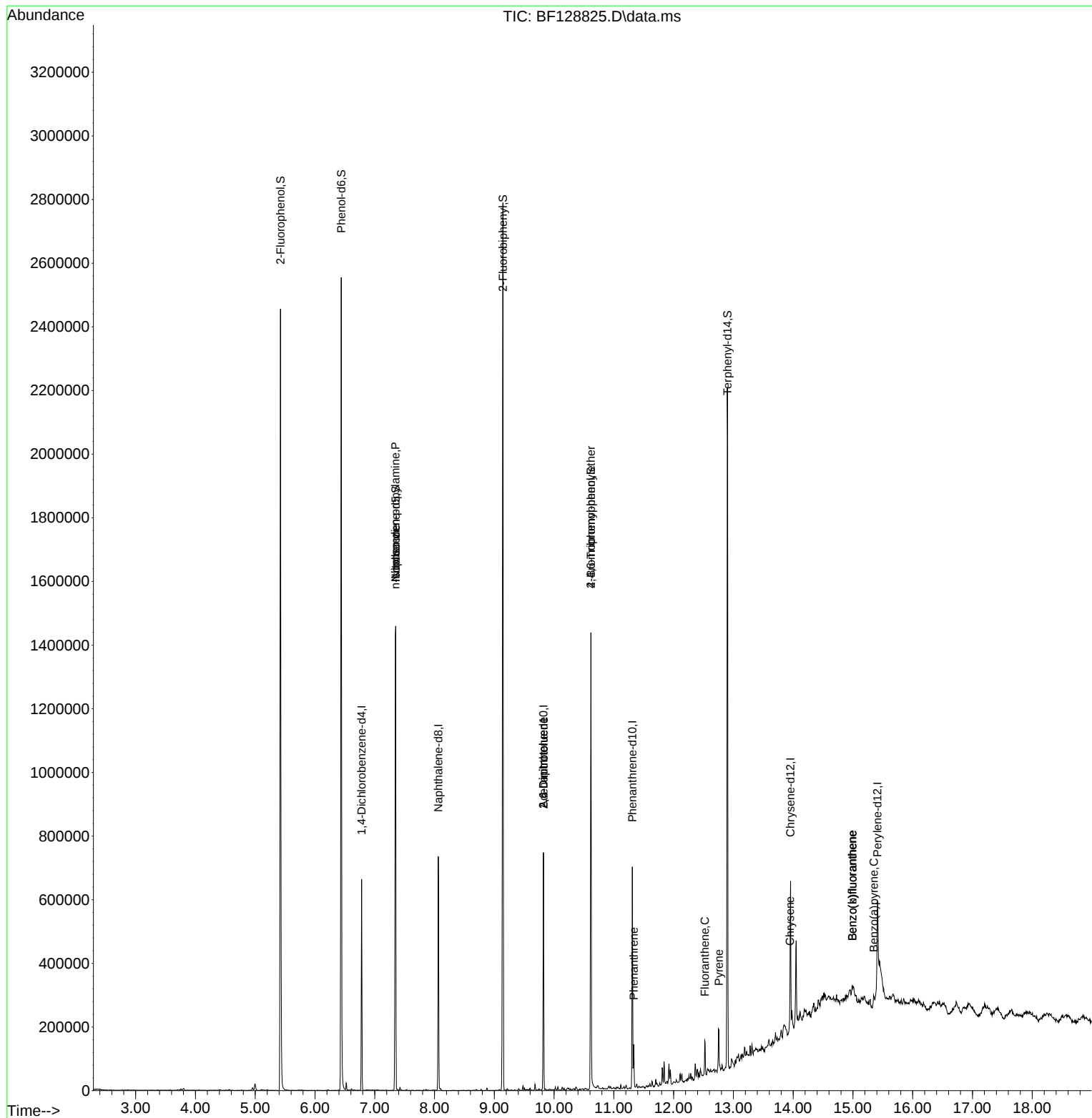
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.781	152	80088	20.000	ng	0.00
21) Naphthalene-d8	8.063	136	287927	20.000	ng	# 0.00
39) Acenaphthene-d10	9.822	164	134297	20.000	ng	0.00
64) Phenanthrene-d10	11.310	188	228036	20.000	ng	# 0.00
76) Chrysene-d12	13.957	240	151324	20.000	ng	# 0.00
86) Perylene-d12	15.409	264	120097	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.422	112	561705	111.715	ng	0.00
7) Phenol-d6	6.439	99	721054	117.482	ng	0.00
23) Nitrobenzene-d5	7.351	82	485521	78.510	ng	0.00
42) 2,4,6-Tribromophenol	10.616	330	163256	102.885	ng	0.00
45) 2-Fluorobiphenyl	9.145	172	809427	84.428	ng	0.00
79) Terphenyl-d14	12.904	244	769862	88.402	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.345	70	68901	18.055	ng	# 77
25) Isophorone	7.351	82	485515	51.692	ng	# 65
51) 2,6-Dinitrotoluene	9.822	165	17369	9.573	ng	# 26
57) 2,4-Dinitrotoluene	9.822	165	17369	7.174	ng	# 22
67) 4-Bromophenyl-phenylether	10.616	248	10475	4.119	ng	# 1
71) Phenanthrene	11.333	178	42477	3.714	ng	98
75) Fluoranthene	12.521	202	40611	3.397	ng	96
78) Pyrene	12.757	202	58119	5.162	ng	99
83) Chrysene	13.945	228	18861	2.097	ng	96
88) Benzo(b)fluoranthene	14.992	252	23767	3.097	ng	# 91
89) Benzo(k)fluoranthene	14.992	252	23767	3.292	ng	# 92
90) Benzo(a)pyrene	15.351	252	14137	2.344	ng	# 81

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

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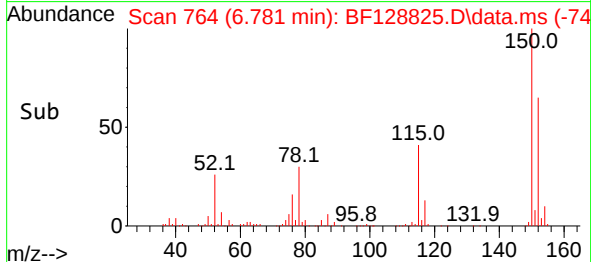
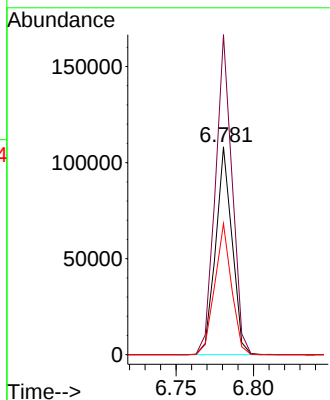
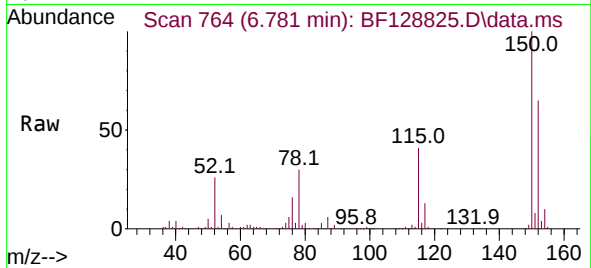




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.781 min Scan# 772
Delta R.T. -0.000 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

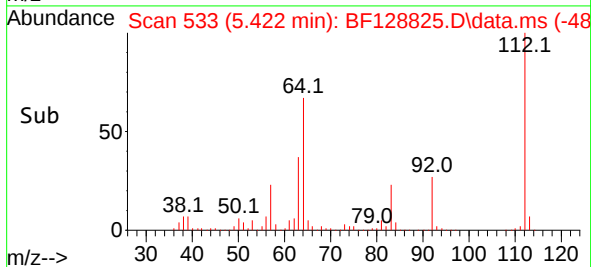
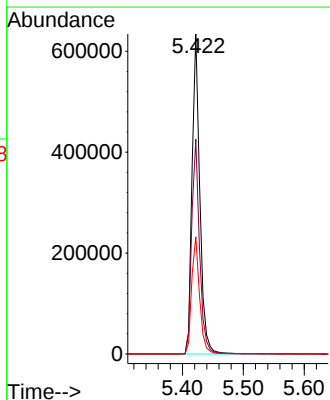
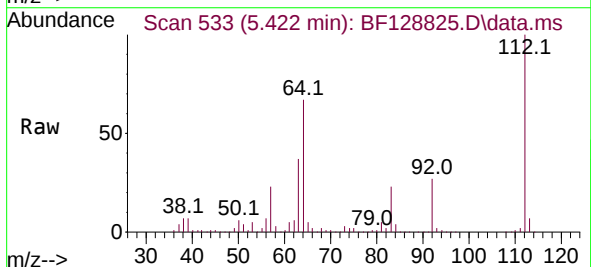
Instrument :
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CS-3

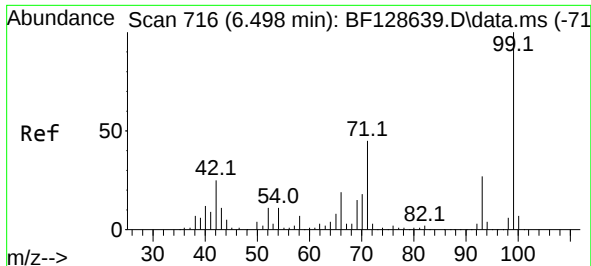
Tgt Ion:152 Resp: 80088
Ion Ratio Lower Upper
152 100
150 153.9 123.7 185.5
115 63.1 49.9 74.9



#5
2-Fluorophenol
Concen: 111.715 ng
RT: 5.422 min Scan# 533
Delta R.T. 0.006 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

Tgt Ion:112 Resp: 561705
Ion Ratio Lower Upper
112 100
64 67.1 53.3 79.9
63 36.6 28.0 42.0

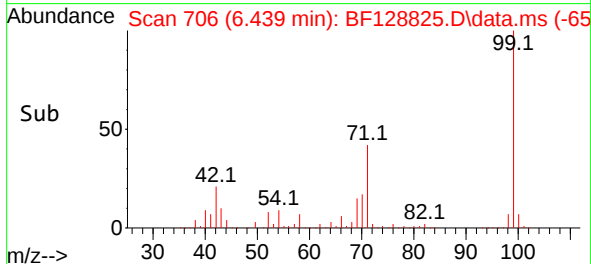
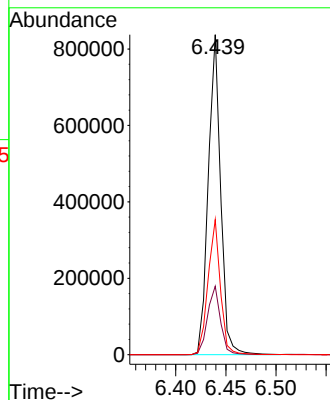
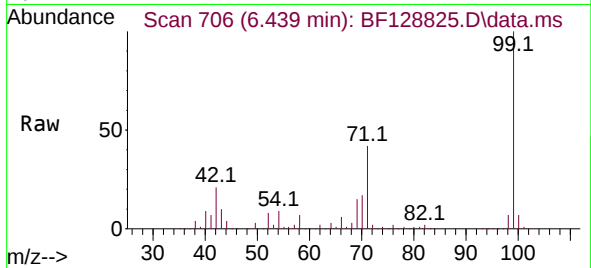




#7
Phenol-d6
Concen: 117.482 ng
RT: 6.439 min Scan# 706
Delta R.T. -0.000 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

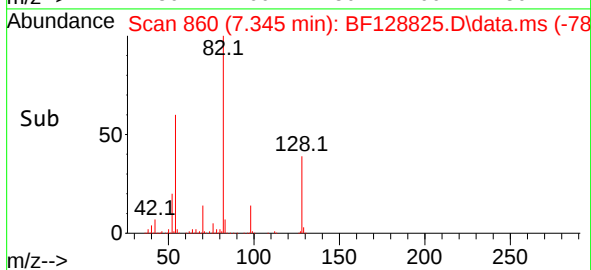
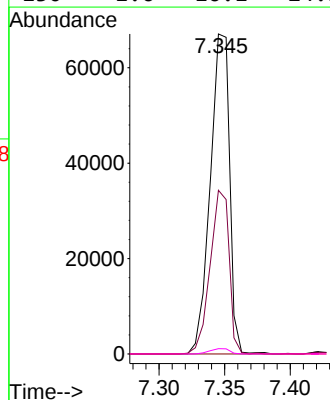
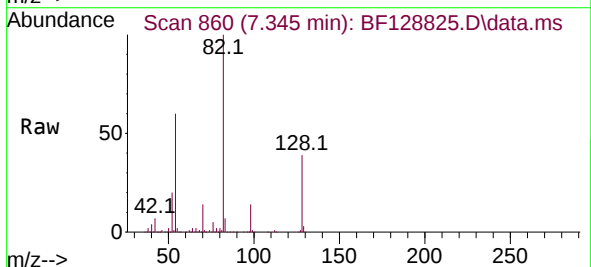
Instrument :
BNA_F
ClientSampleId :
CS-3

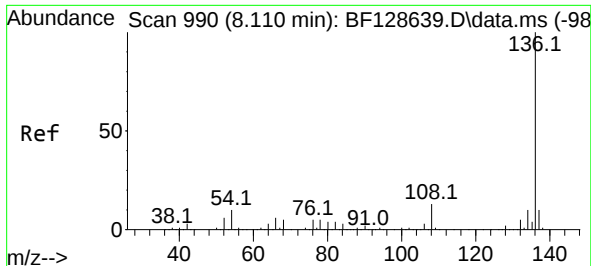
Tgt Ion: 99 Resp: 721054
Ion Ratio Lower Upper
99 100
42 21.4 17.3 25.9
71 42.2 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 18.055 ng
RT: 7.345 min Scan# 860
Delta R.T. 0.141 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

Tgt Ion: 70 Resp: 68901
Ion Ratio Lower Upper
70 100
42 51.2 52.3 78.5#
101 0.0 7.5 11.3#
130 1.6 16.1 24.1#

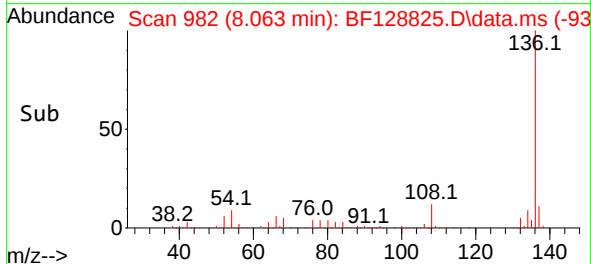
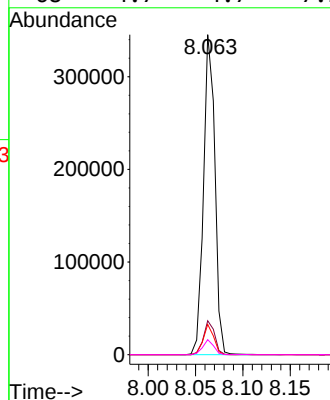
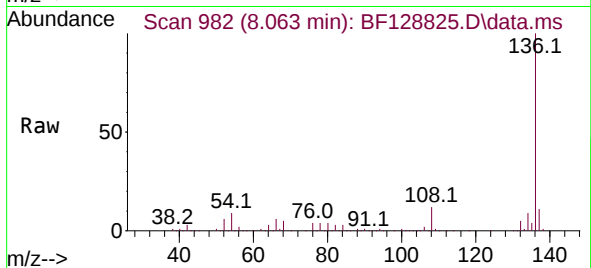




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.063 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

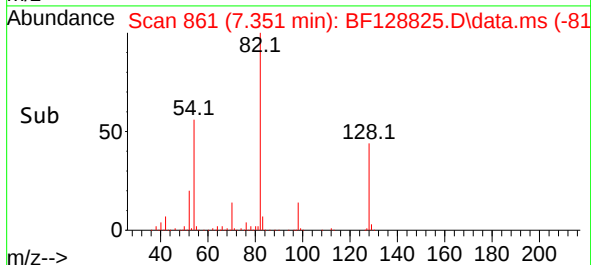
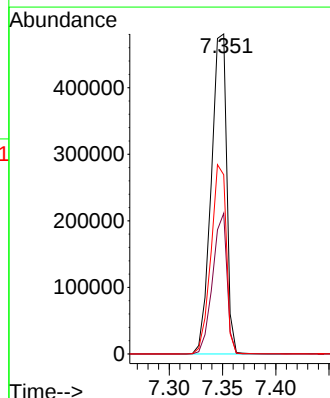
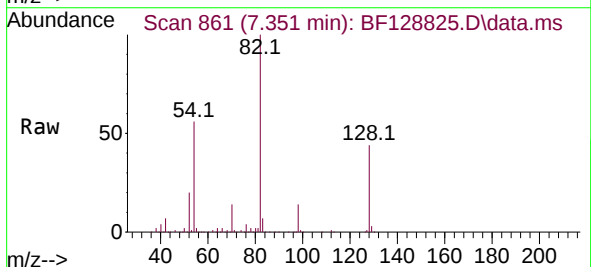
Instrument :
BNA_F
ClientSampleId :
CS-3

Tgt Ion:136 Resp: 287927
Ion Ratio Lower Upper
136 100
137 10.6 8.8 13.2
54 9.5 7.5 11.3
68 4.7 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 78.510 ng
RT: 7.351 min Scan# 861
Delta R.T. -0.000 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

Tgt Ion: 82 Resp: 485521
Ion Ratio Lower Upper
82 100
128 44.0 34.0 51.0
54 56.0 46.9 70.3

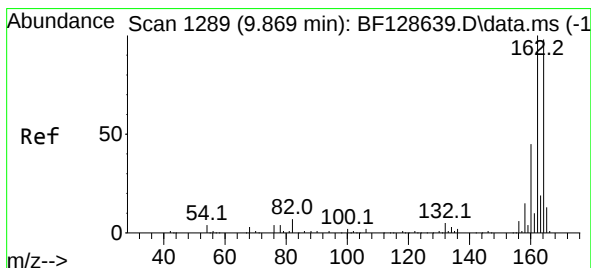
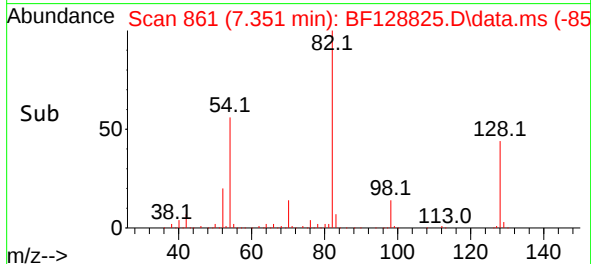
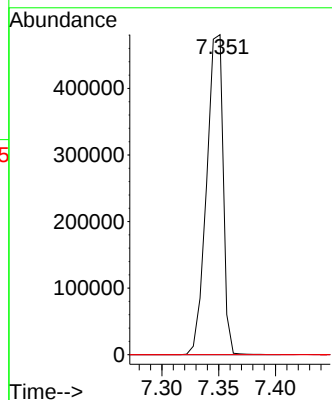
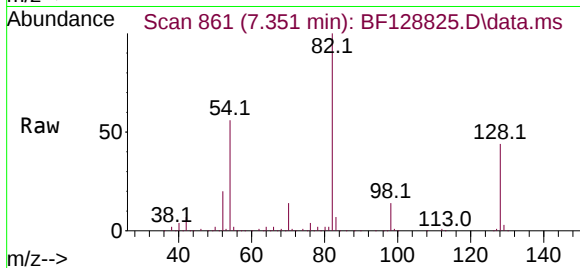




#25
Isophorone
Concen: 51.692 ng
RT: 7.351 min Scan# 80
Delta R.T. -0.259 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

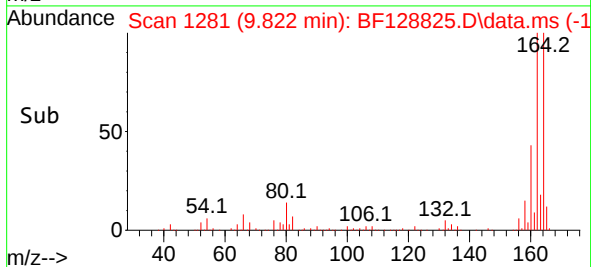
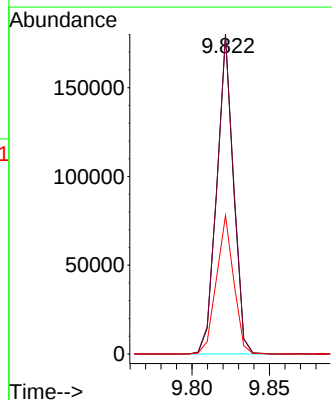
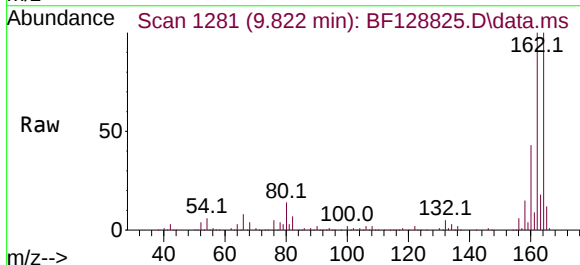
Instrument :
BNA_F
ClientSampleId :
CS-3

Tgt Ion: 82 Resp: 485515
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: 9.822 min Scan# 1281
Delta R.T. -0.006 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

Tgt Ion:164 Resp: 134297
Ion Ratio Lower Upper
164 100
162 99.5 79.5 119.3
160 43.3 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 102.885 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.006 min

Lab File: BF128825.D

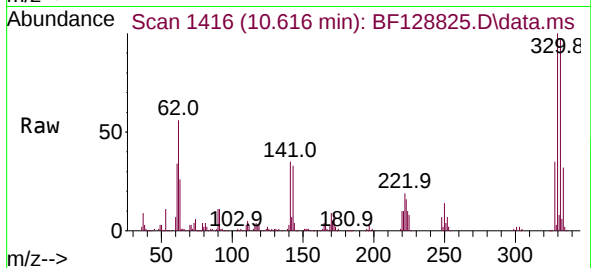
Acq: 15 Jun 2022 14:34

Instrument :

BNA_F

ClientSampleId :

CS-3



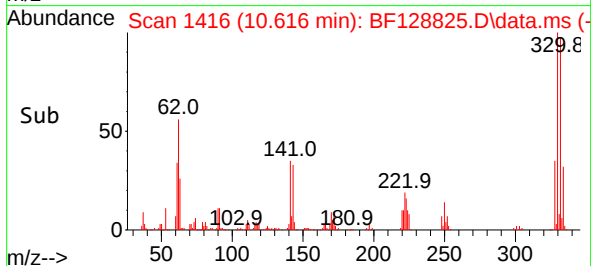
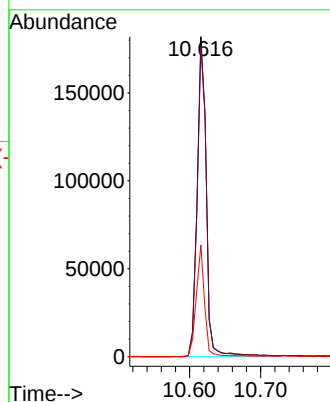
Tgt Ion:330 Resp: 163256

Ion Ratio Lower Upper

330 100

332 98.1 76.8 115.2

141 32.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 84.428 ng

RT: 9.145 min Scan# 1166

Delta R.T. -0.000 min

Lab File: BF128825.D

Acq: 15 Jun 2022 14:34

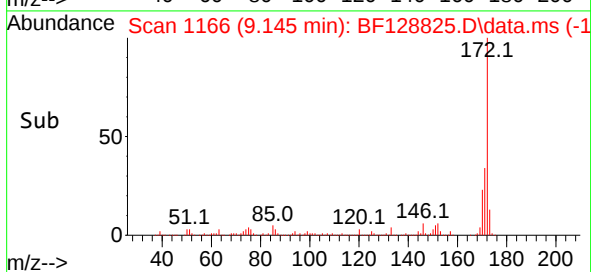
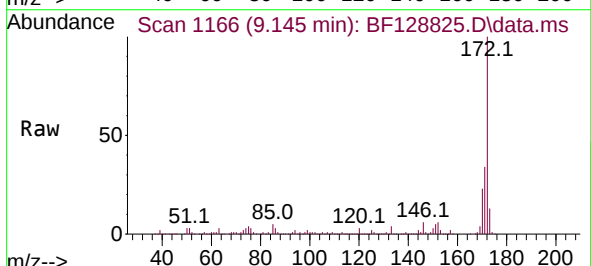
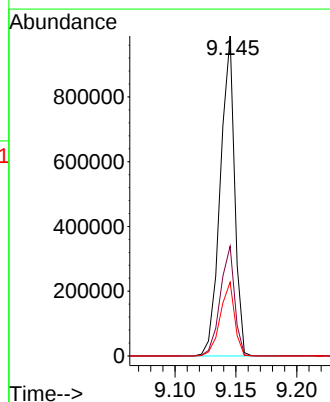
Tgt Ion:172 Resp: 809427

Ion Ratio Lower Upper

172 100

171 34.3 28.8 43.2

170 23.0 19.8 29.8

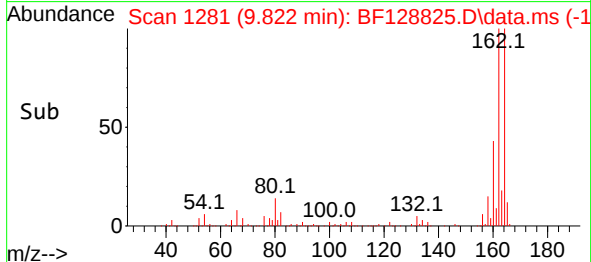
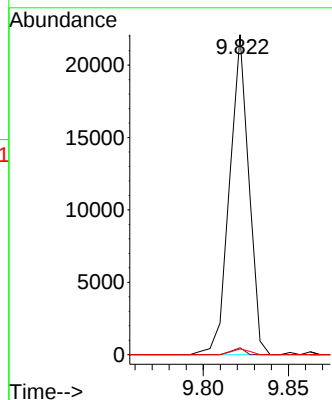
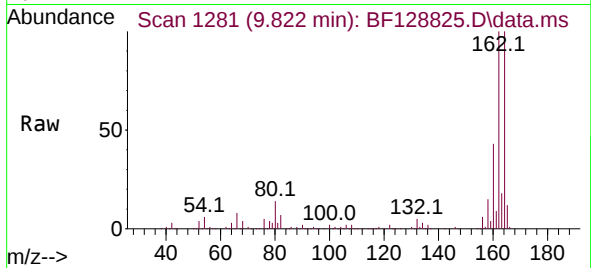




#51
2,6-Dinitrotoluene
Concen: 9.573 ng
RT: 9.822 min Scan# 1281
Delta R.T. 0.206 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

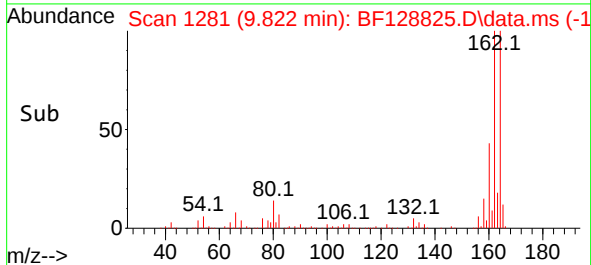
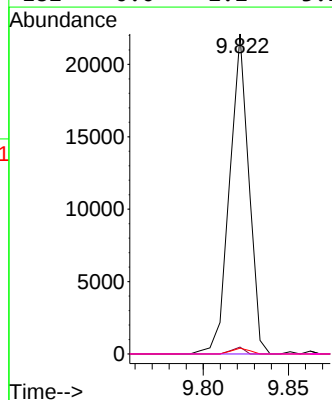
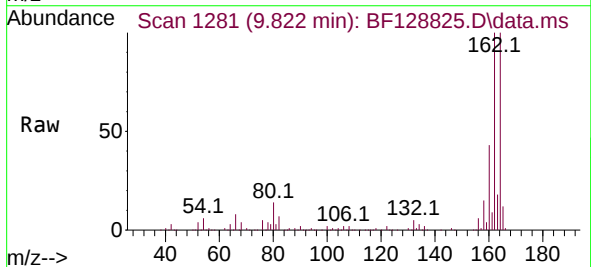
Instrument :
BNA_F
ClientSampleId :
CS-3

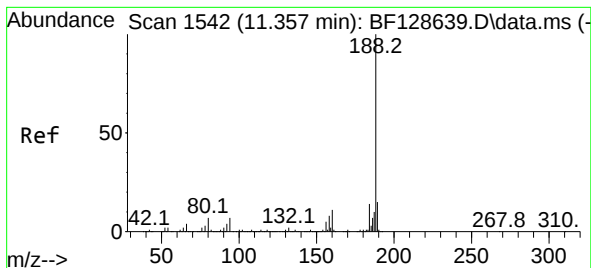
Tgt Ion:165 Resp: 17369
Ion Ratio Lower Upper
165 100
63 2.2 44.9 67.3#
89 1.8 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.174 ng
RT: 9.822 min Scan# 1281
Delta R.T. -0.200 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

Tgt Ion:165 Resp: 17369
Ion Ratio Lower Upper
165 100
63 2.2 39.8 59.6#
89 1.8 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.310 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128825.D

Acq: 15 Jun 2022 14:34

Instrument :

BNA_F

ClientSampleId :

CS-3

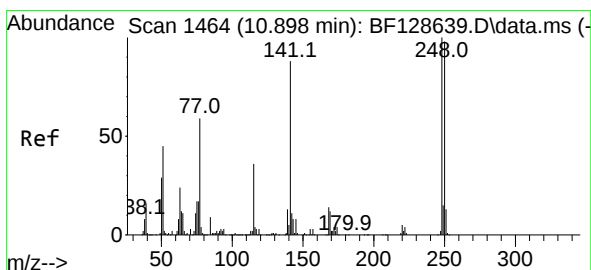
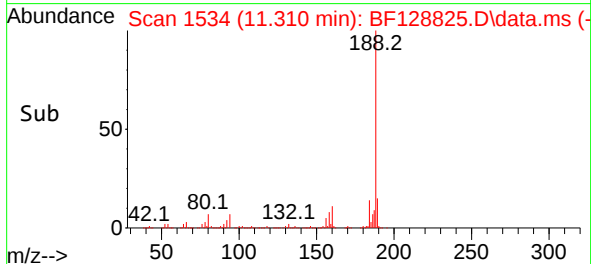
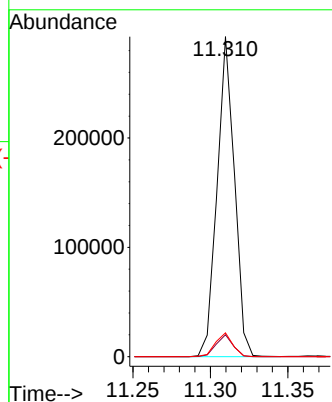
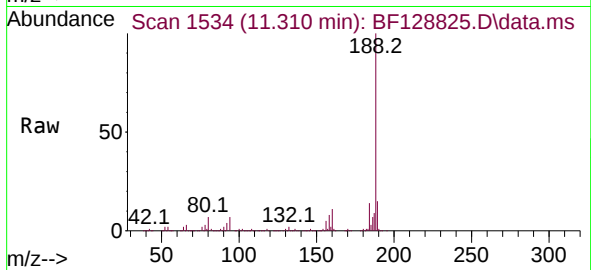
Tgt Ion:188 Resp: 228036

Ion Ratio Lower Upper

188 100

94 6.9 7.0 10.6#

80 7.4 7.6 11.4#



#67

4-Bromophenyl-phenylether

Concen: 4.119 ng

RT: 10.616 min Scan# 1416

Delta R.T. -0.241 min

Lab File: BF128825.D

Acq: 15 Jun 2022 14:34

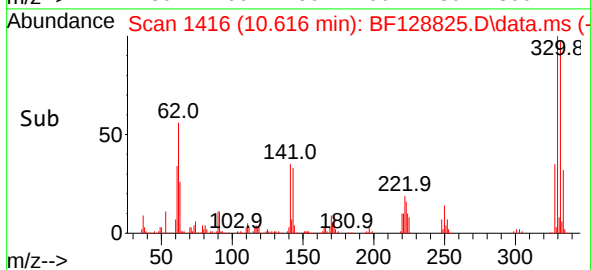
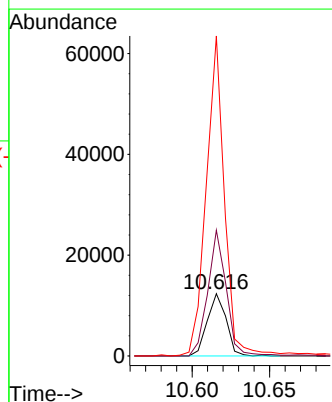
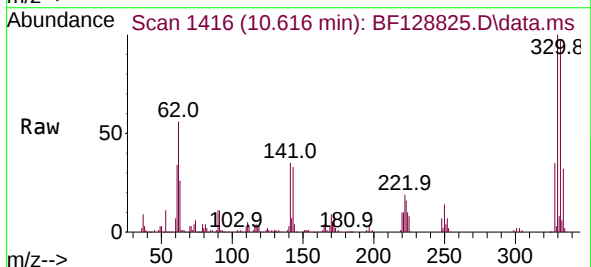
Tgt Ion:248 Resp: 10475

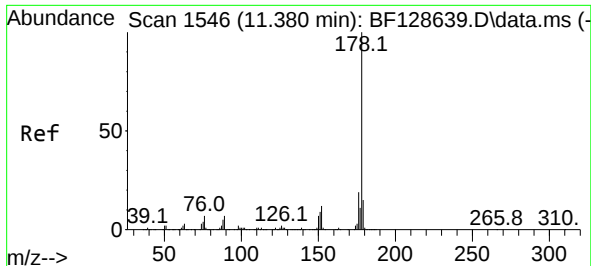
Ion Ratio Lower Upper

248 100

250 202.0 80.6 120.8#

141 513.6 58.9 88.3#

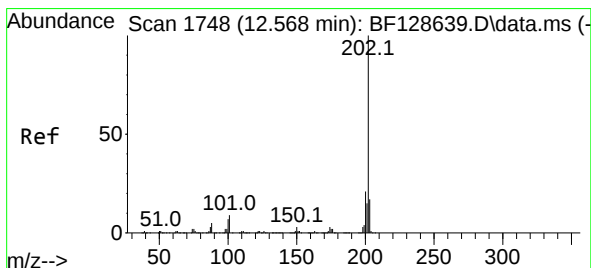
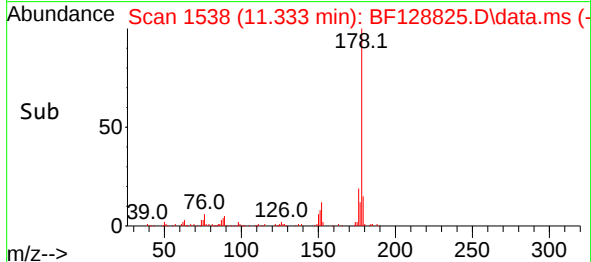
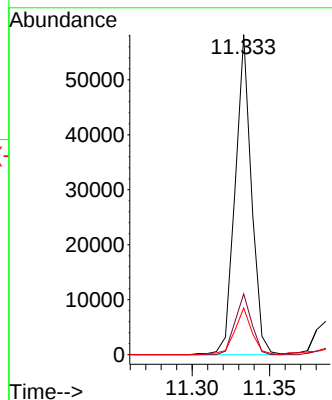
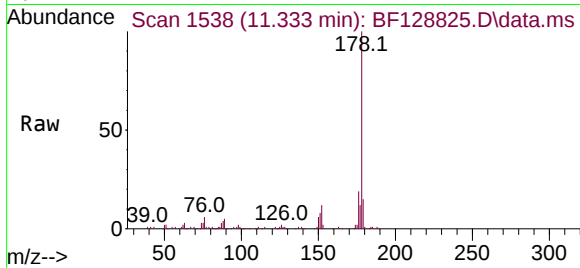




#71
Phenanthrene
Concen: 3.714 ng
RT: 11.333 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

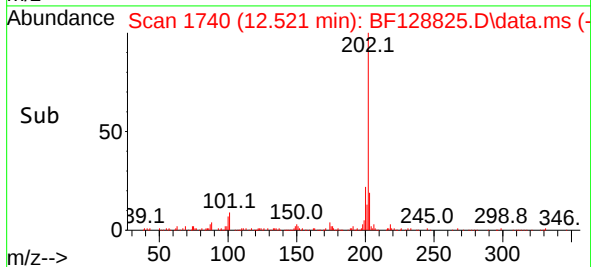
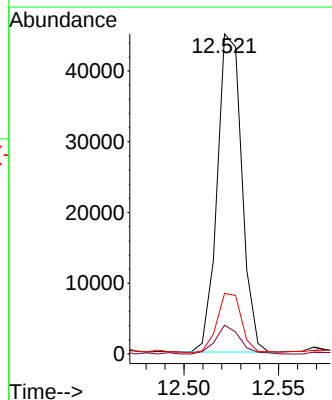
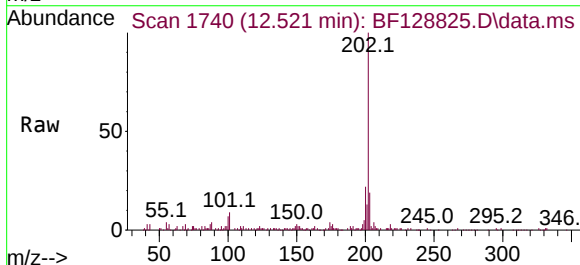
Instrument :
BNA_F
ClientSampleId :
CS-3

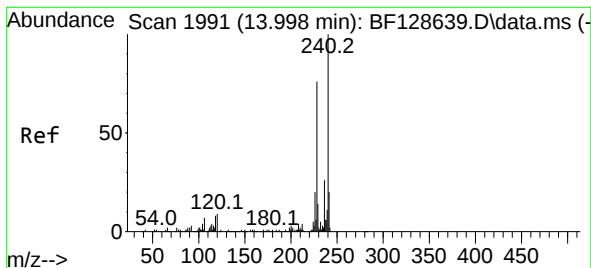
Tgt Ion:178 Resp: 42477
Ion Ratio Lower Upper
178 100
176 19.0 16.0 24.0
179 14.6 12.6 19.0



#75
Fluoranthene
Concen: 3.397 ng
RT: 12.521 min Scan# 1740
Delta R.T. -0.006 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

Tgt Ion:202 Resp: 40611
Ion Ratio Lower Upper
202 100
101 9.0 0.0 31.4
203 18.9 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.957 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BF128825.D

Acq: 15 Jun 2022 14:34

Instrument :

BNA_F

ClientSampleId :

CS-3

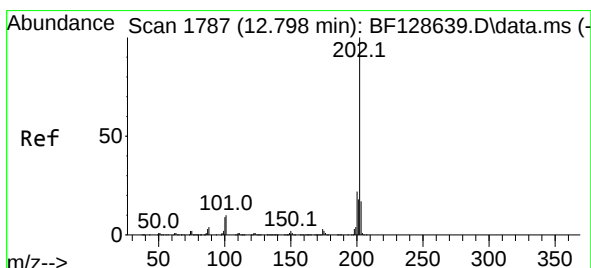
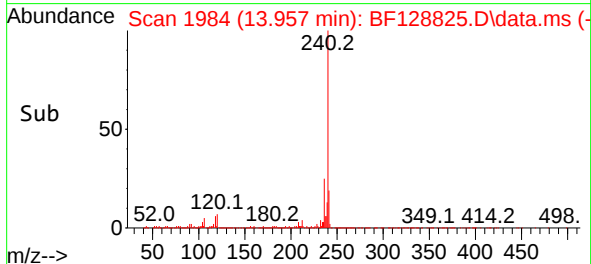
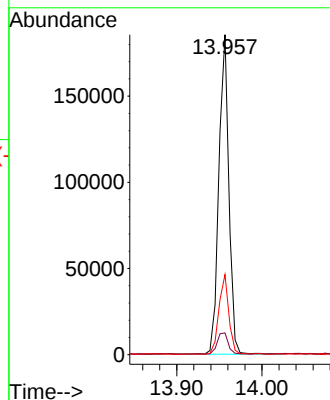
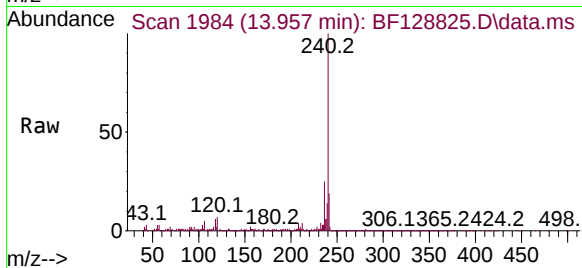
Tgt Ion:240 Resp: 151324

Ion Ratio Lower Upper

240 100

120 6.8 8.9 13.3#

236 25.0 20.8 31.2



#78

Pyrene

Concen: 5.162 ng

RT: 12.757 min Scan# 1780

Delta R.T. -0.000 min

Lab File: BF128825.D

Acq: 15 Jun 2022 14:34

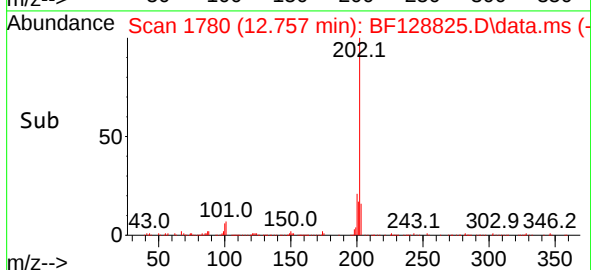
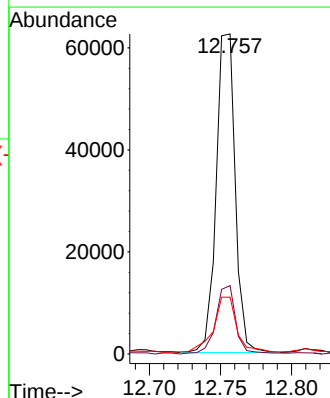
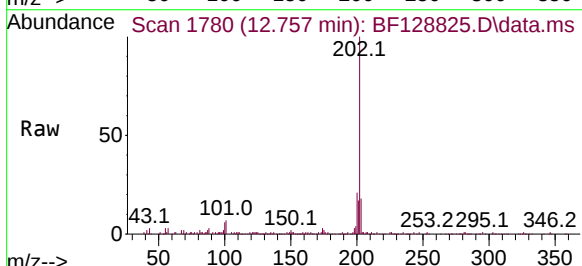
Tgt Ion:202 Resp: 58119

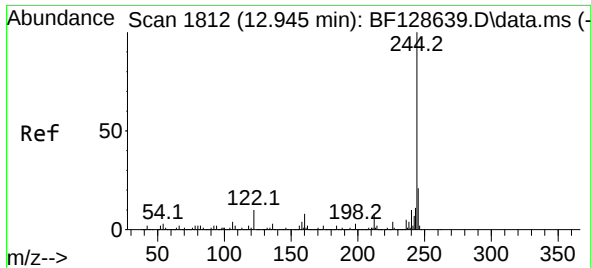
Ion Ratio Lower Upper

202 100

200 21.3 17.7 26.5

203 17.8 14.6 21.8

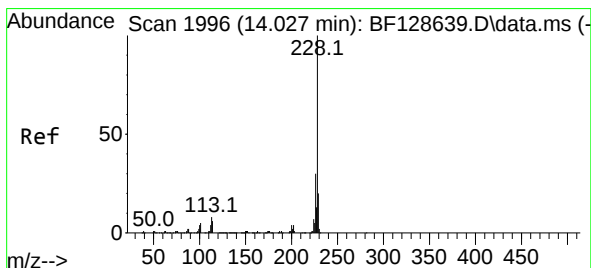
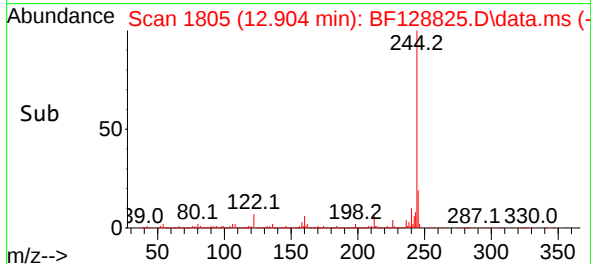
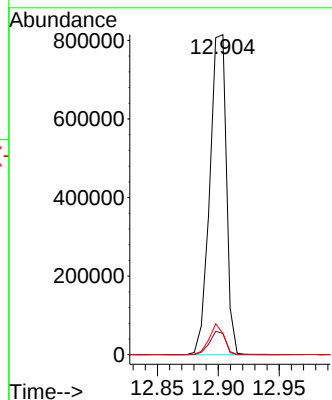
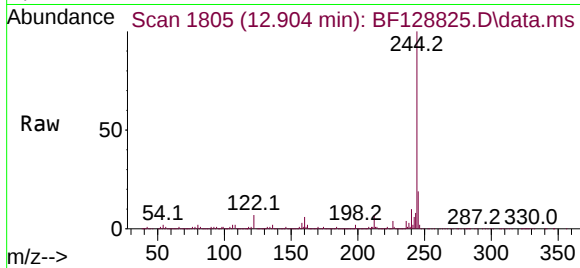




#79
 Terphenyl-d14
 Concen: 88.402 ng
 RT: 12.904 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128825.D
 Acq: 15 Jun 2022 14:34

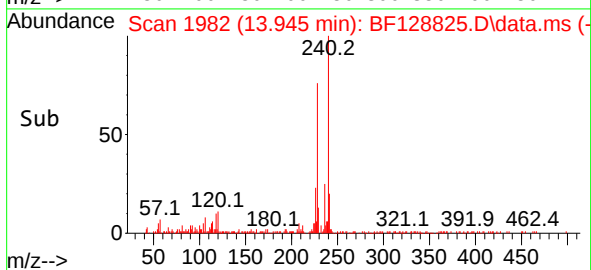
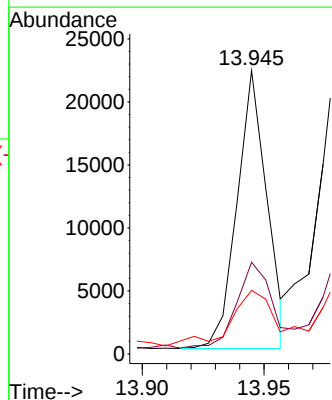
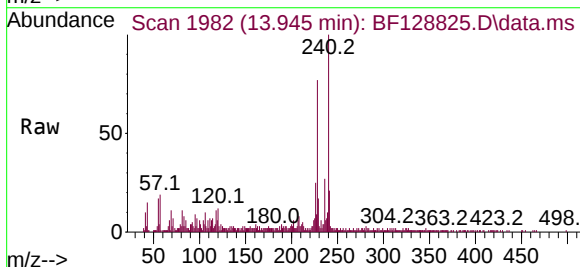
Instrument :
 BNA_F
 ClientSampleId :
 CS-3

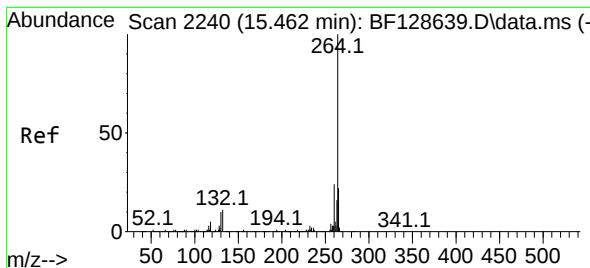
Tgt Ion:244 Resp: 769862
 Ion Ratio Lower Upper
 244 100
 212 6.6 6.1 9.1
 122 6.6 8.8 13.2#



#83
 Chrysene
 Concen: 2.097 ng
 RT: 13.945 min Scan# 1982
 Delta R.T. -0.047 min
 Lab File: BF128825.D
 Acq: 15 Jun 2022 14:34

Tgt Ion:228 Resp: 18861
 Ion Ratio Lower Upper
 228 100
 226 32.3 24.3 36.5
 229 22.4 15.9 23.9





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.409 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF128825.D

Acq: 15 Jun 2022 14:34

Instrument :

BNA_F

ClientSampleId :

CS-3

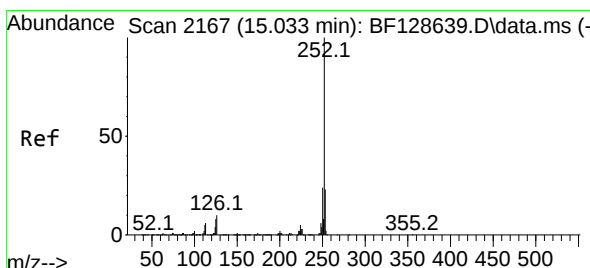
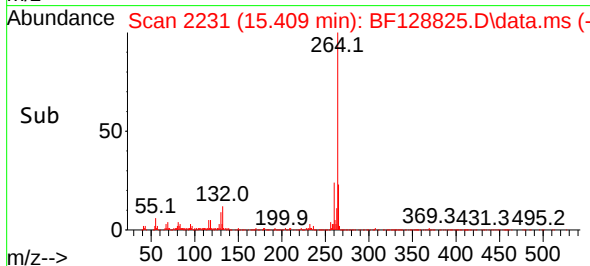
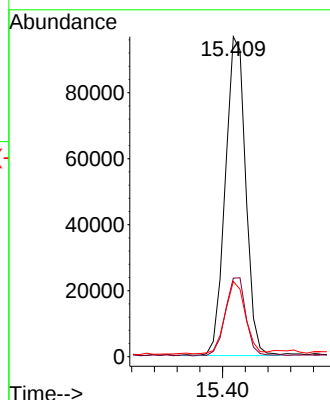
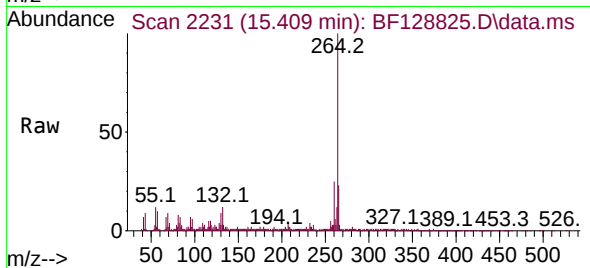
Tgt Ion:264 Resp: 120097

Ion Ratio Lower Upper

264 100

260 24.5 18.4 27.6

265 23.5 17.2 25.8



#88

Benzo(b)fluoranthene

Concen: 3.097 ng

RT: 14.992 min Scan# 2160

Delta R.T. -0.000 min

Lab File: BF128825.D

Acq: 15 Jun 2022 14:34

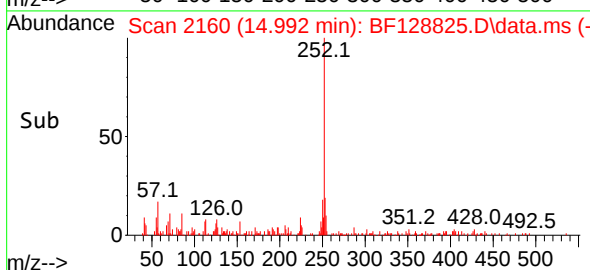
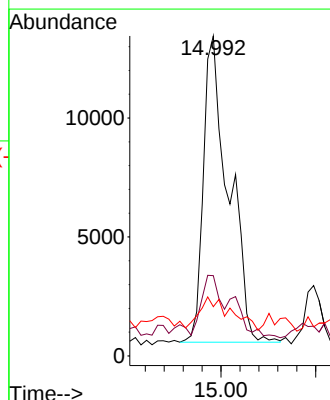
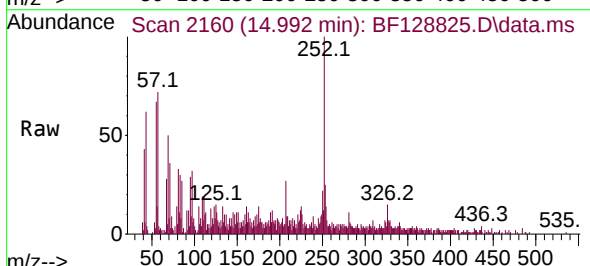
Tgt Ion:252 Resp: 23767

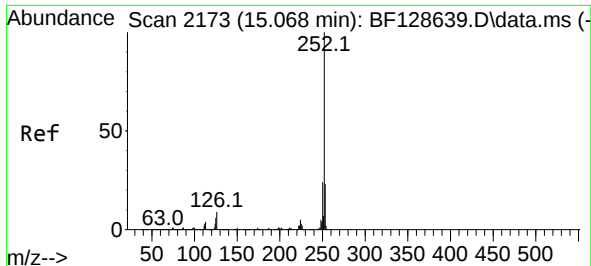
Ion Ratio Lower Upper

252 100

253 25.1 17.7 26.5

125 15.4 8.0 12.0#

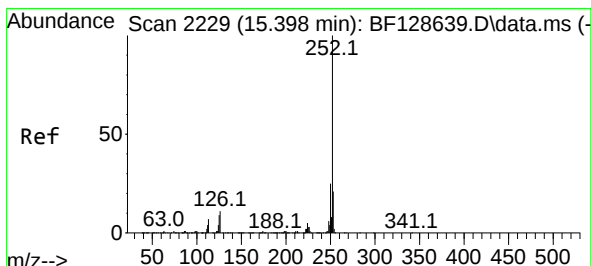
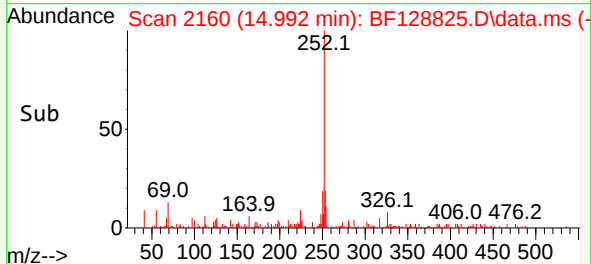
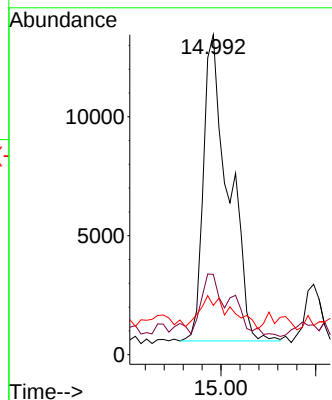
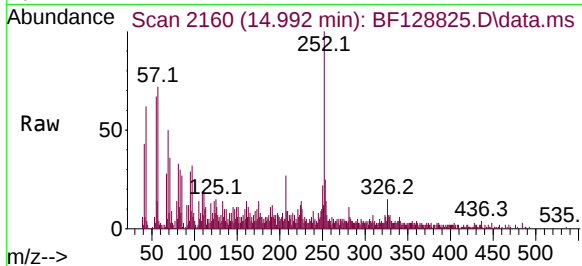




#89
Benzo(k)fluoranthene
Concen: 3.292 ng
RT: 14.992 min Scan# 2173
Delta R.T. -0.035 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

Instrument :
BNA_F
ClientSampleId :
CS-3

Tgt Ion:252 Resp: 23767
Ion Ratio Lower Upper
252 100
253 25.1 17.8 26.6
125 15.4 8.3 12.5#



#90
Benzo(a)pyrene
Concen: 2.344 ng
RT: 15.351 min Scan# 2221
Delta R.T. -0.006 min
Lab File: BF128825.D
Acq: 15 Jun 2022 14:34

Tgt Ion:252 Resp: 14137
Ion Ratio Lower Upper
252 100
253 29.2 17.0 25.6#
125 20.4 8.8 13.2#

