

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128919.D
 Acq On : 22 Jun 2022 01:46
 Operator : CG\JU
 Sample : N3422-01 10X
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-12

Quant Time: Jun 22 04:01:16 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:02:29 2022
 Response via : Initial Calibration

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

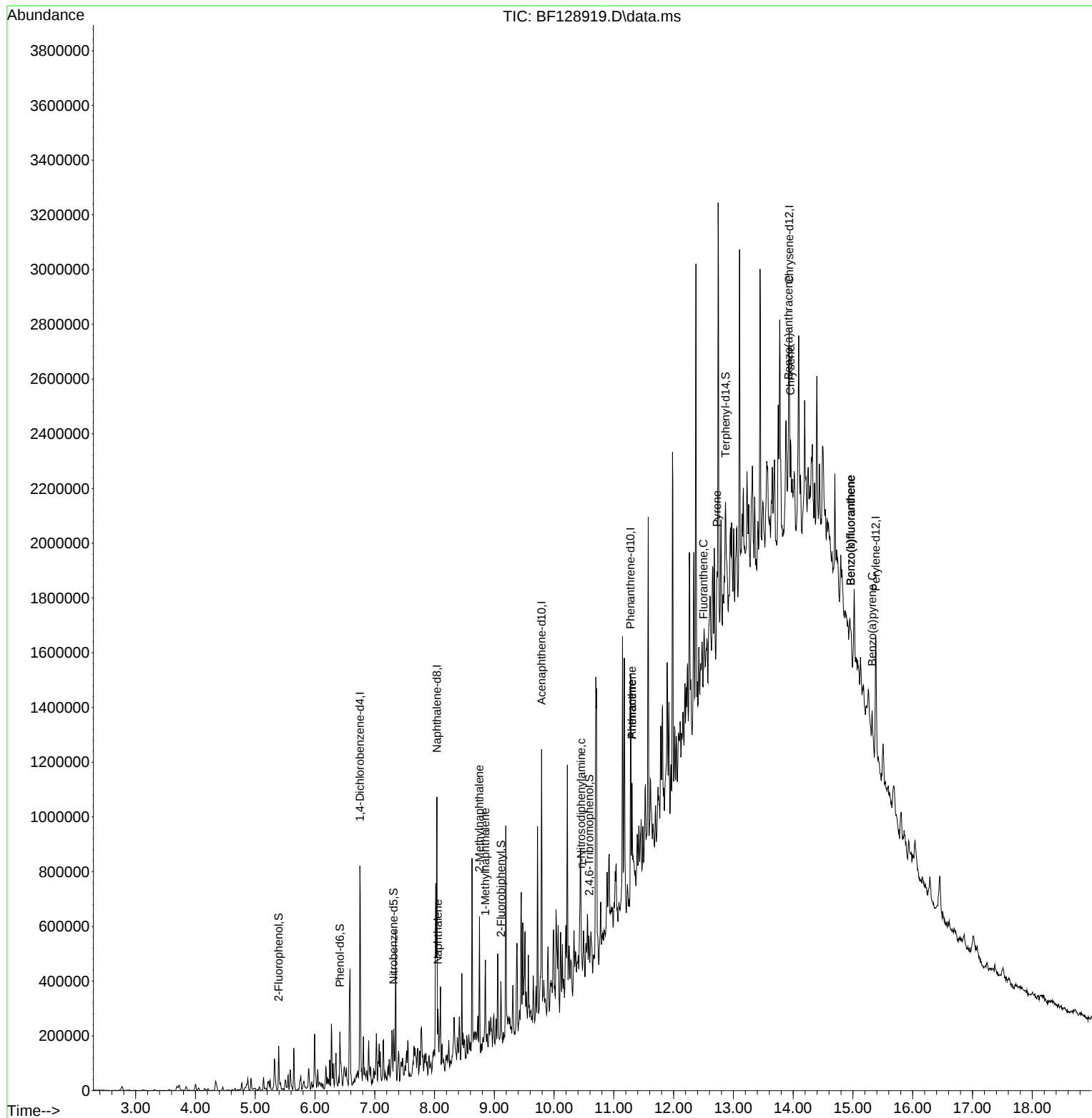
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	102855	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	353455	20.000	ng	0.00
39) Acenaphthene-d10	9.792	164	165393	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	266599	20.000	ng	0.00
76) Chrysene-d12	13.933	240	187929	20.000	ng	0.00
86) Perylene-d12	15.380	264	141013	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.392	112	40894	6.333	ng	0.00
7) Phenol-d6	6.416	99	47923	6.080	ng	0.00
23) Nitrobenzene-d5	7.316	82	33584	4.424	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	8891	4.550	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	59668	5.054	ng	0.00
79) Terphenyl-d14	12.868	244	55274	5.111	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.057	128	53910	2.972	ng	95
37) 2-Methylnaphthalene	8.751	142	102476	8.882	ng	98
38) 1-Methylnaphthalene	8.851	142	73512	6.595	ng	100
66) n-Nitrosodiphenylamine	10.451	169	24232	2.957	ng	# 58
71) Phenanthrene	11.304	178	122689	9.175	ng	96
72) Anthracene	11.304	178	122689	9.270	ng	95
75) Fluoranthene	12.498	202	31444	2.250	ng	77
78) Pyrene	12.727	202	116416	8.326	ng	# 95
81) Benzo(a)anthracene	13.921	228	50368	4.300	ng	# 71
83) Chrysene	13.957	228	76176	6.821	ng	# 76
88) Benzo(b)fluoranthene	14.962	252	23669	2.627	ng	# 6
89) Benzo(k)fluoranthene	14.962	252	23669	2.792	ng	# 6
90) Benzo(a)pyrene	15.321	252	19558	2.762	ng	# 27

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
Data File : BF128919.D
Acq On : 22 Jun 2022 01:46
Operator : CG\JU
Sample : N3422-01 10X
Misc :
ALS Vial : 20 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-12

Quant Time: Jun 22 04:01:16 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 22 01:02:29 2022
Response via : Initial Calibration

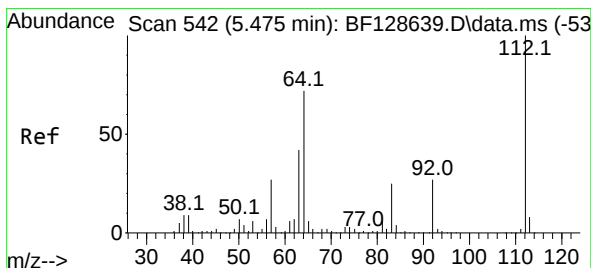
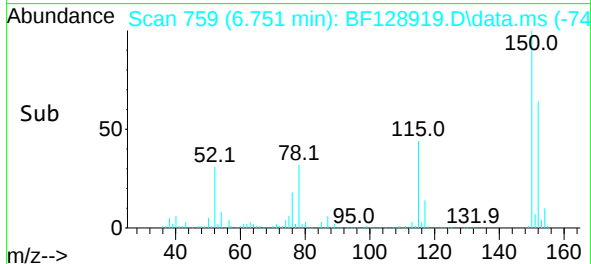
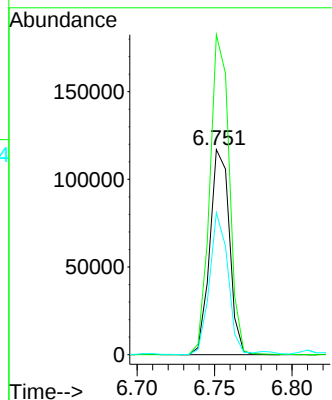
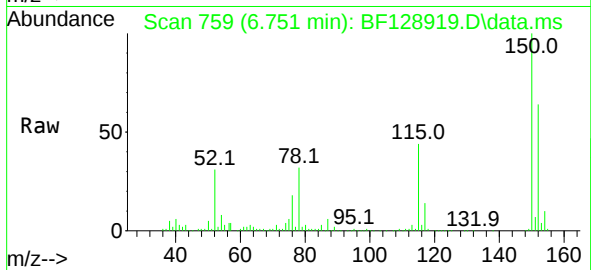




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

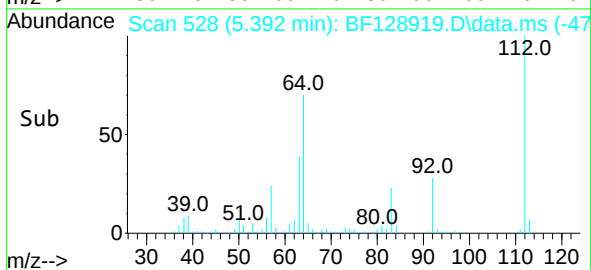
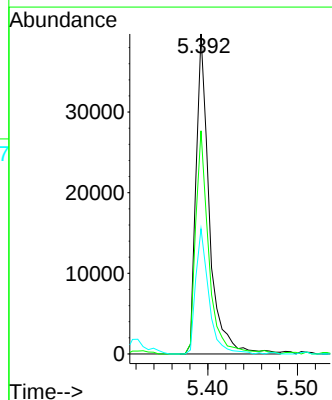
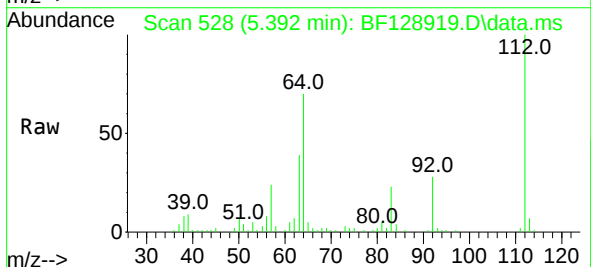
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-12

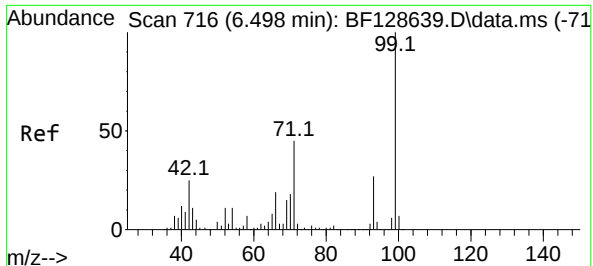
Tgt Ion:152 Resp: 102855
Ion Ratio Lower Upper
152 100
150 156.0 123.7 185.5
115 69.2 49.9 74.9



#5
2-Fluorophenol
Concen: 6.333 ng
RT: 5.392 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

Tgt Ion:112 Resp: 40894
Ion Ratio Lower Upper
112 100
64 69.7 53.3 79.9
63 39.1 28.0 42.0

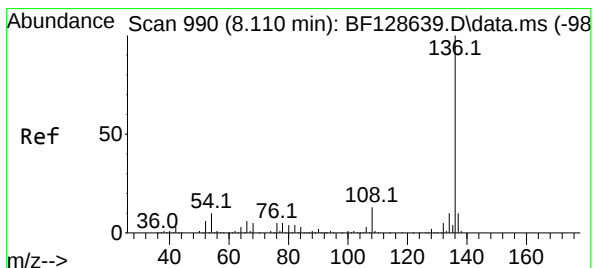
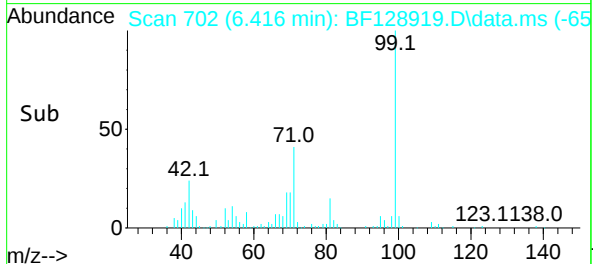
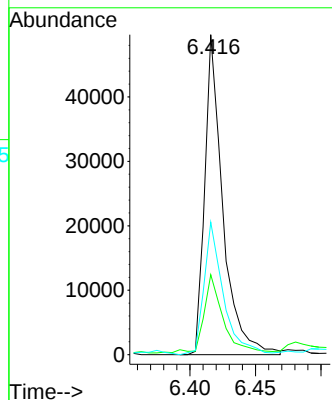
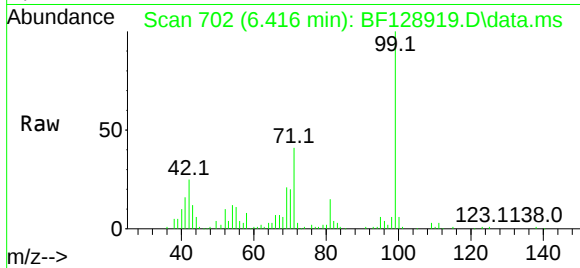




#7
Phenol-d6
Concen: 6.080 ng
RT: 6.416 min Scan# 702
Delta R.T. -0.000 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

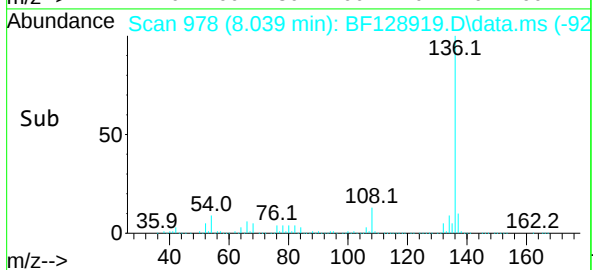
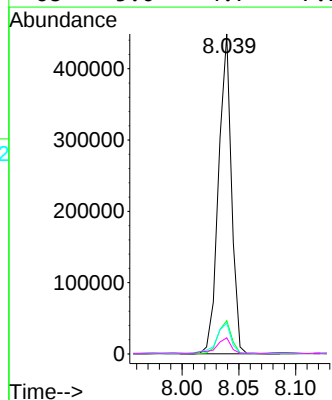
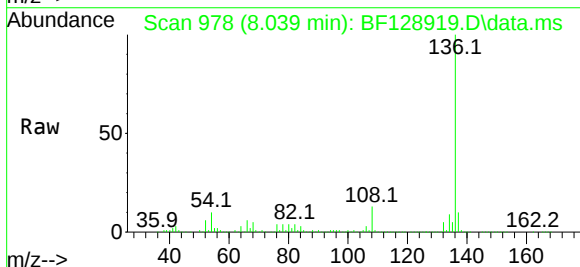
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-12

Tgt Ion:	99	Resp:	47923
Ion	Ratio	Lower	Upper
99	100		
42	25.0	17.3	25.9
71	41.4	28.9	43.3



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.039 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

Tgt Ion:	136	Resp:	353455
Ion	Ratio	Lower	Upper
136	100		
137	10.4	8.8	13.2
54	9.6	7.5	11.3
68	5.0	4.7	7.1





#23

Nitrobenzene-d5

Concen: 4.424 ng

RT: 7.316 min Scan# 81

Delta R.T. -0.012 min

Lab File: BF128919.D

Acq: 22 Jun 2022 01:46

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-12

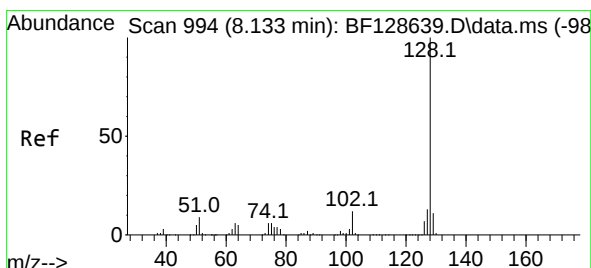
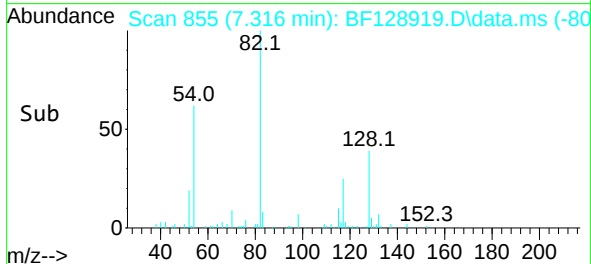
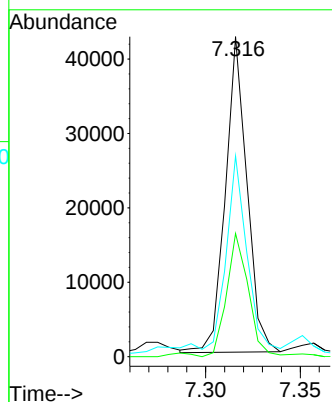
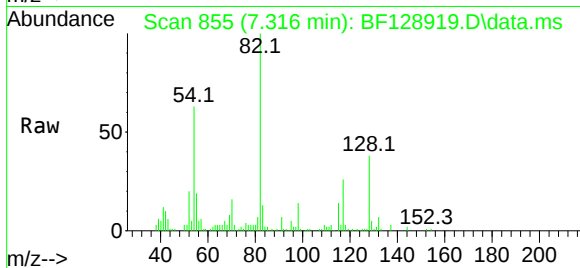
Tgt Ion: 82 Resp: 33584

Ion Ratio Lower Upper

82 100

128 38.5 34.0 51.0

54 62.7 46.9 70.3



#31

Naphthalene

Concen: 2.972 ng

RT: 8.057 min Scan# 981

Delta R.T. -0.006 min

Lab File: BF128919.D

Acq: 22 Jun 2022 01:46

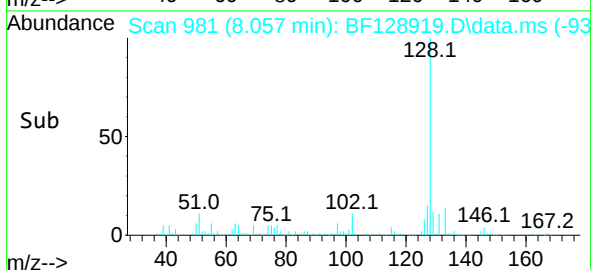
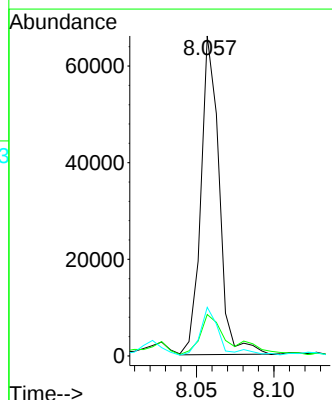
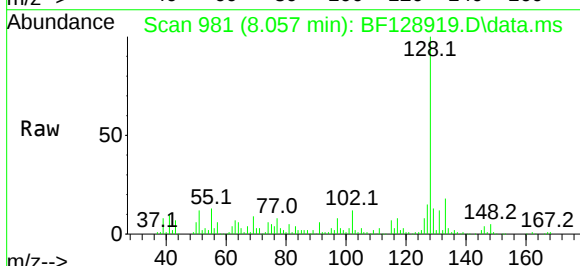
Tgt Ion: 128 Resp: 53910

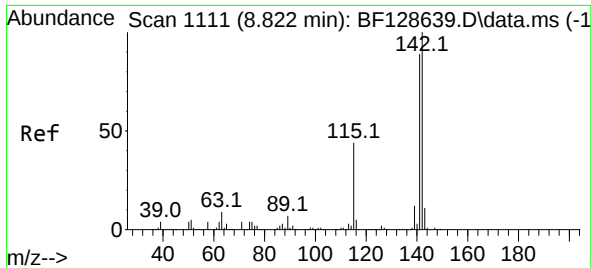
Ion Ratio Lower Upper

128 100

129 12.9 9.2 13.8

127 15.2 10.5 15.7





#37

2-Methylnaphthalene

Concen: 8.882 ng

RT: 8.751 min Scan# 1109

Delta R.T. -0.000 min

Lab File: BF128919.D

Acq: 22 Jun 2022 01:46

Instrument :

BNA_F

ClientSampleId :

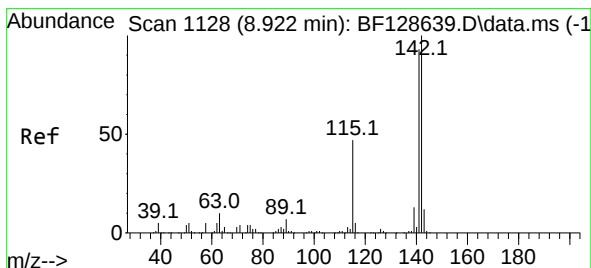
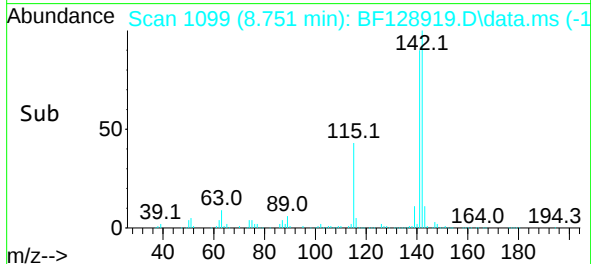
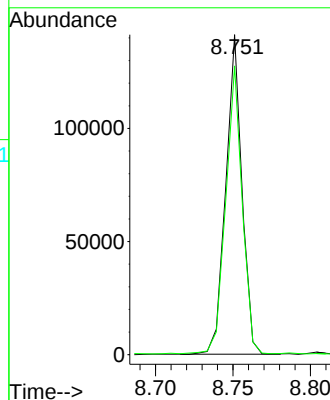
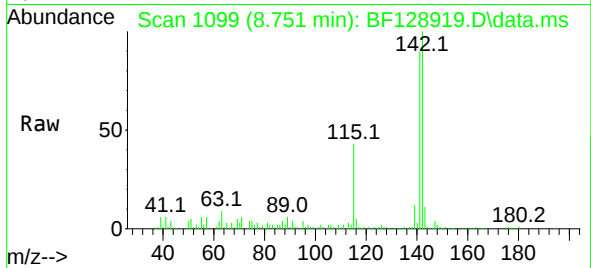
WC-14A-1A-12

Tgt Ion:142 Resp: 102476

Ion Ratio Lower Upper

142 100

141 90.2 71.0 106.4



#38

1-Methylnaphthalene

Concen: 6.595 ng

RT: 8.851 min Scan# 1116

Delta R.T. -0.000 min

Lab File: BF128919.D

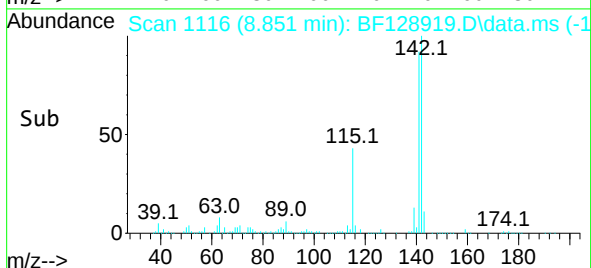
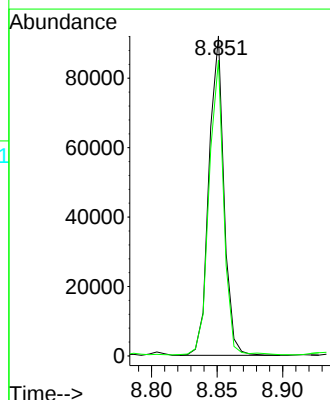
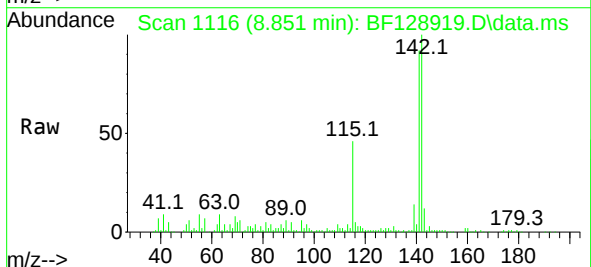
Acq: 22 Jun 2022 01:46

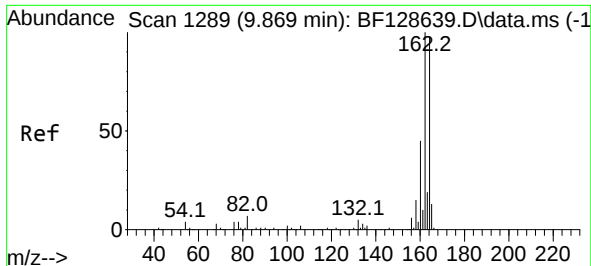
Tgt Ion:142 Resp: 73512

Ion Ratio Lower Upper

142 100

141 92.4 74.2 111.4





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1

Delta R.T. -0.000 min

Lab File: BF128919.D

Acq: 22 Jun 2022 01:46

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-12

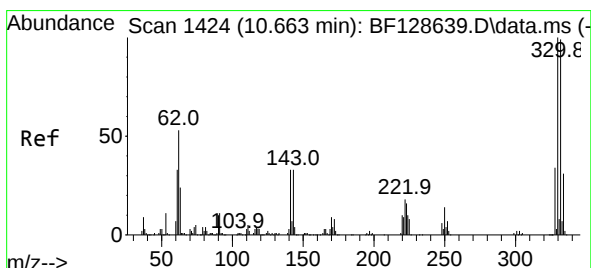
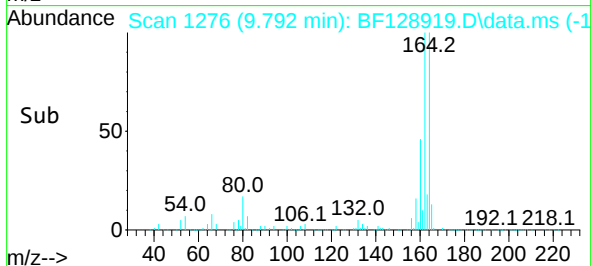
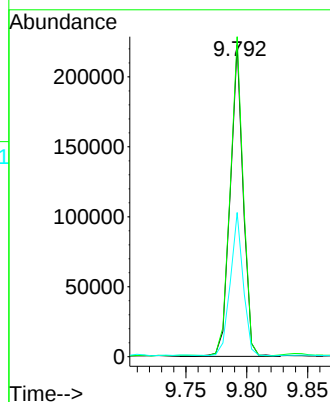
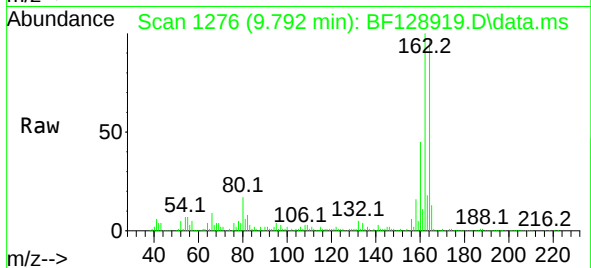
Tgt Ion:164 Resp: 165393

Ion Ratio Lower Upper

164 100

162 102.6 79.5 119.3

160 46.2 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 4.550 ng

RT: 10.586 min Scan# 1411

Delta R.T. -0.000 min

Lab File: BF128919.D

Acq: 22 Jun 2022 01:46

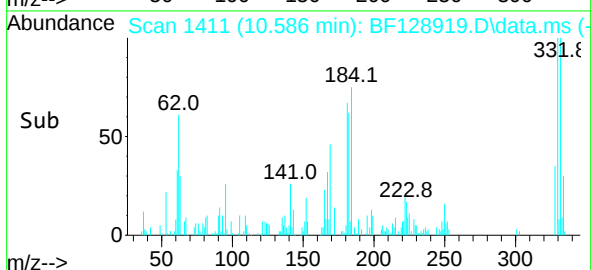
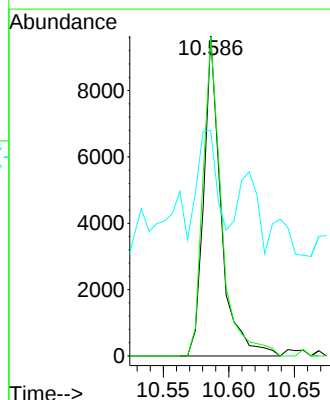
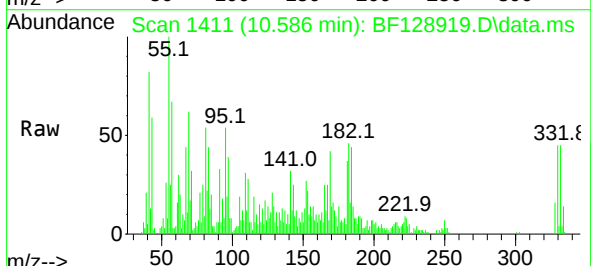
Tgt Ion:330 Resp: 8891

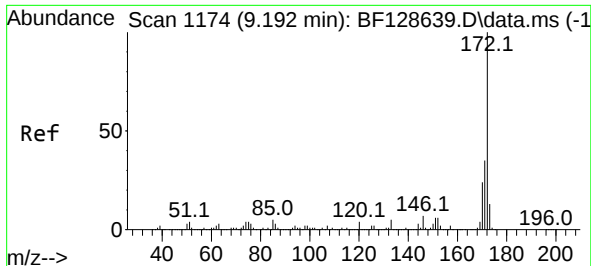
Ion Ratio Lower Upper

330 100

332 107.0 76.8 115.2

141 65.1 28.0 42.0#





#45

2-Fluorobiphenyl

Concen: 5.054 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF128919.D

Acq: 22 Jun 2022 01:46

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-12

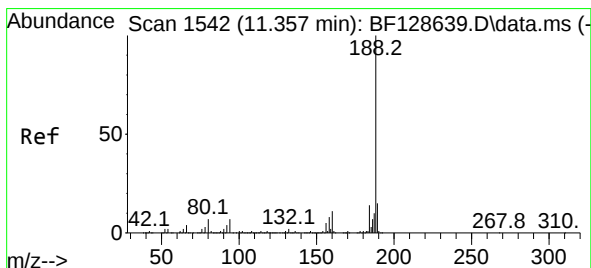
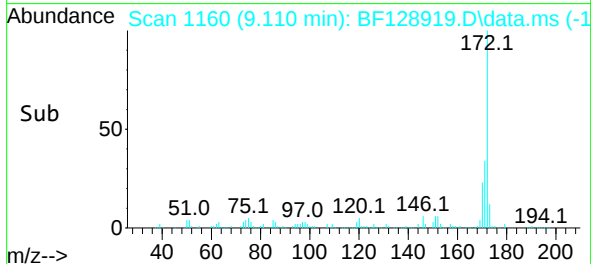
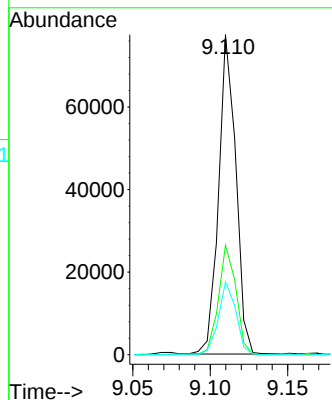
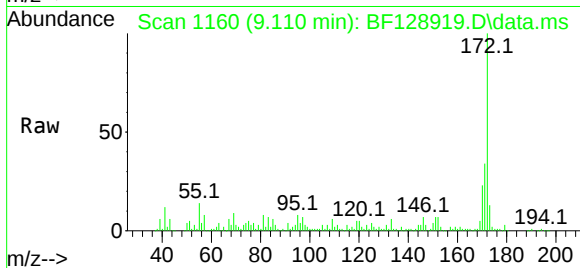
Tgt Ion:172 Resp: 59668

Ion Ratio Lower Upper

172 100

171 34.3 28.8 43.2

170 22.7 19.8 29.8



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.280 min Scan# 1529

Delta R.T. -0.000 min

Lab File: BF128919.D

Acq: 22 Jun 2022 01:46

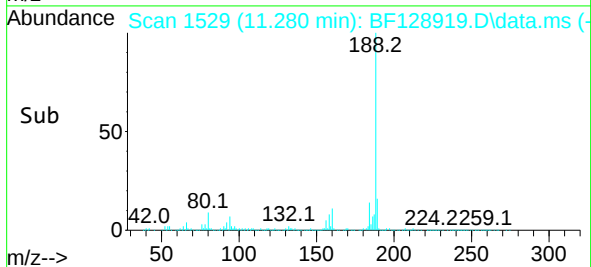
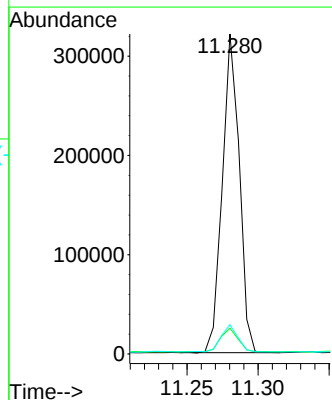
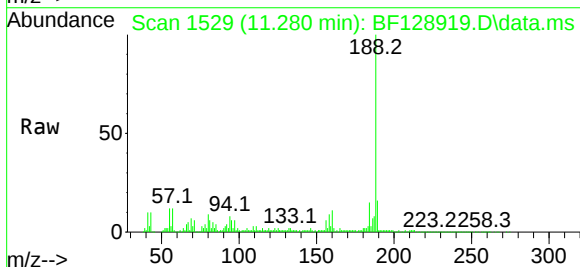
Tgt Ion:188 Resp: 266599

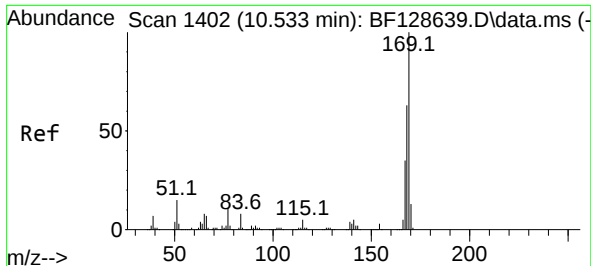
Ion Ratio Lower Upper

188 100

94 8.1 7.0 10.6

80 9.2 7.6 11.4

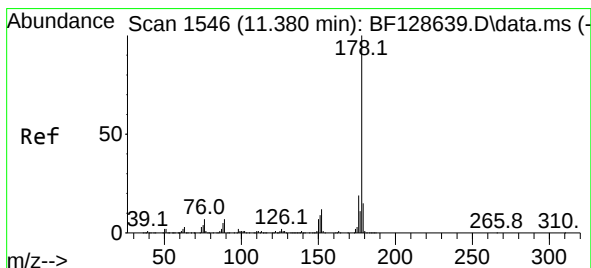
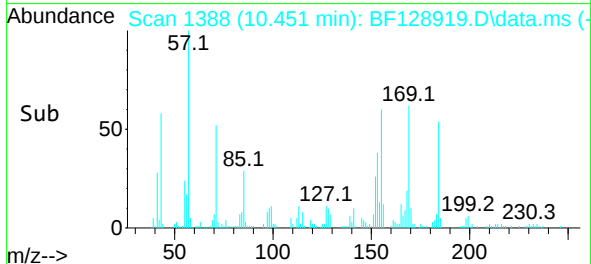
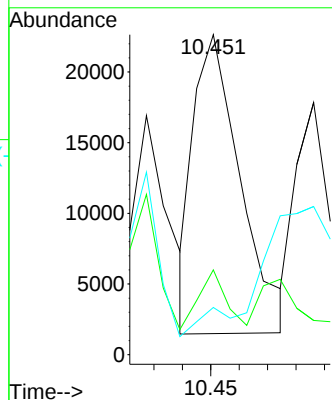
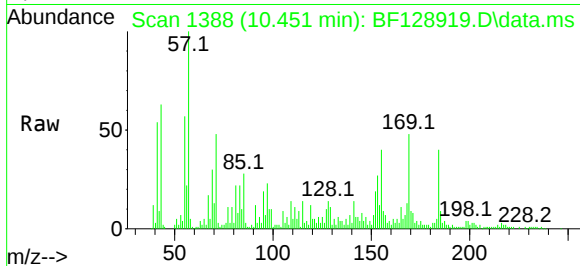




#66
n-Nitrosodiphenylamine
Concen: 2.957 ng
RT: 10.451 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

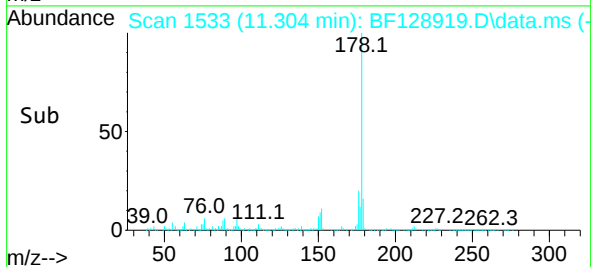
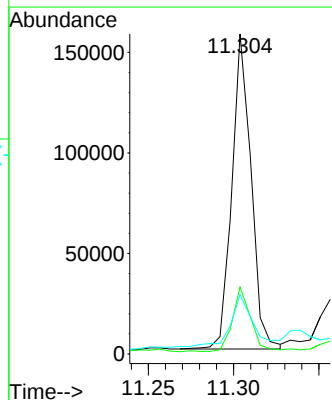
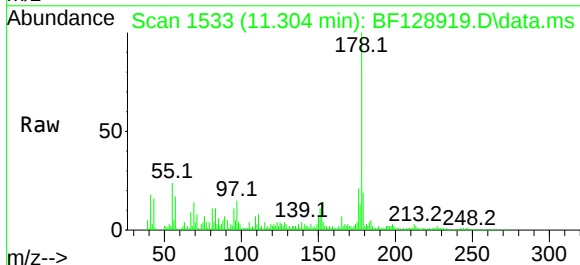
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-12

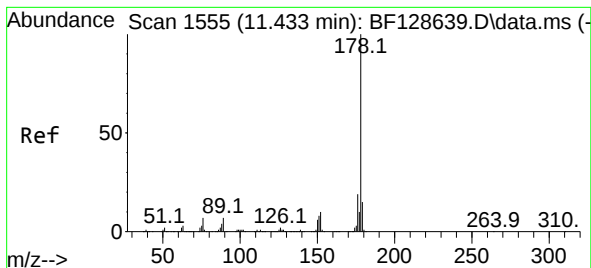
Tgt Ion:169 Resp: 24232
Ion Ratio Lower Upper
169 100
168 26.5 50.1 75.1#
167 14.8 27.9 41.9#



#71
Phenanthrene
Concen: 9.175 ng
RT: 11.304 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

Tgt Ion:178 Resp: 122689
Ion Ratio Lower Upper
178 100
176 20.9 16.0 24.0
179 18.5 12.6 19.0





#72

Anthracene

Concen: 9.270 ng

RT: 11.304 min Scan# 1

Delta R.T. -0.053 min

Lab File: BF128919.D

Acq: 22 Jun 2022 01:46

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-12

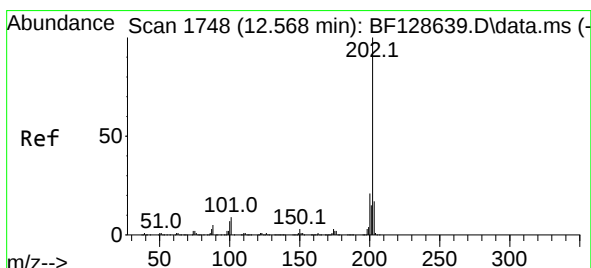
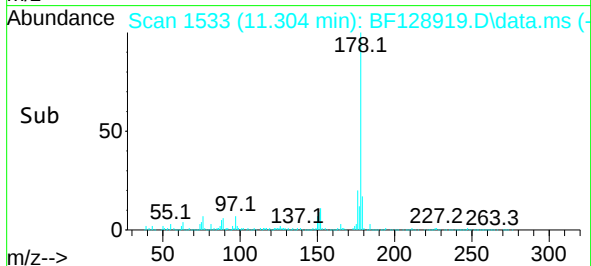
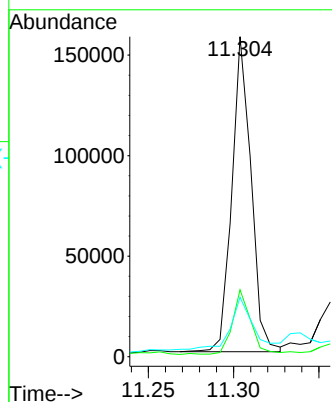
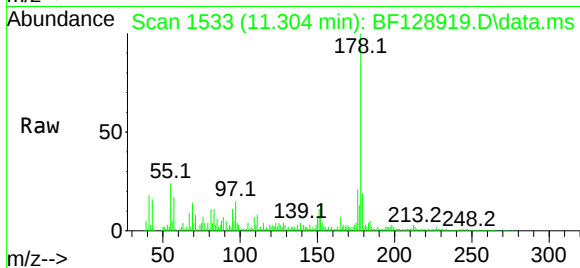
Tgt Ion:178 Resp: 122689

Ion Ratio Lower Upper

178 100

176 20.9 15.4 23.2

179 18.5 12.6 19.0



#75

Fluoranthene

Concen: 2.250 ng

RT: 12.498 min Scan# 1736

Delta R.T. -0.000 min

Lab File: BF128919.D

Acq: 22 Jun 2022 01:46

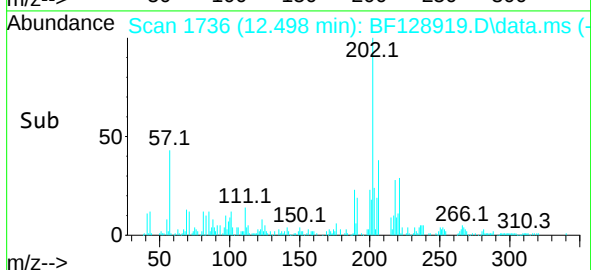
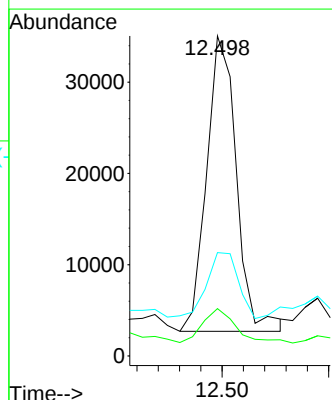
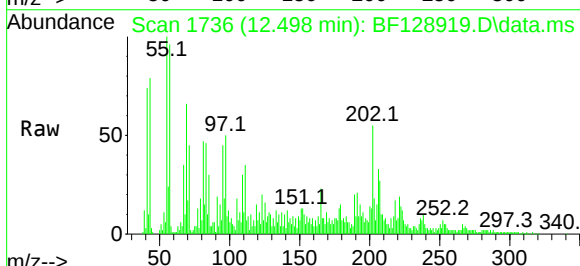
Tgt Ion:202 Resp: 31444

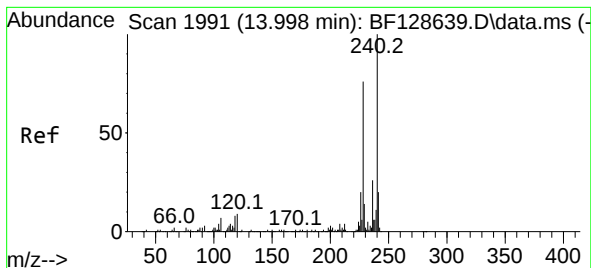
Ion Ratio Lower Upper

202 100

101 14.8 0.0 31.4

203 32.3 0.0 38.0





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.933 min Scan# 1991

Delta R.T. 0.006 min

Lab File: BF128919.D

Acq: 22 Jun 2022 01:46

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-12

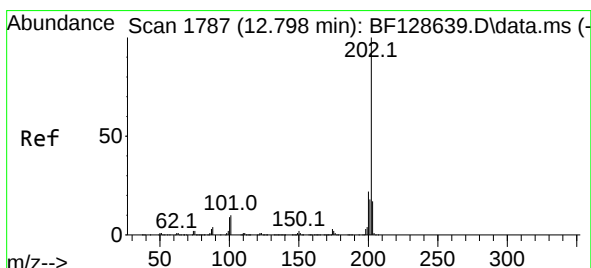
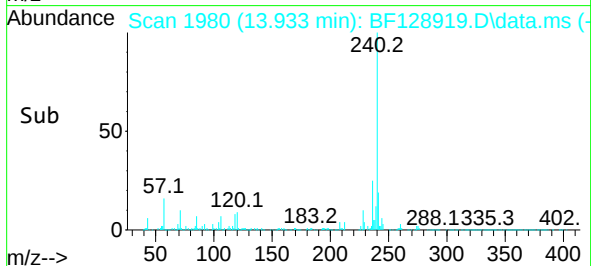
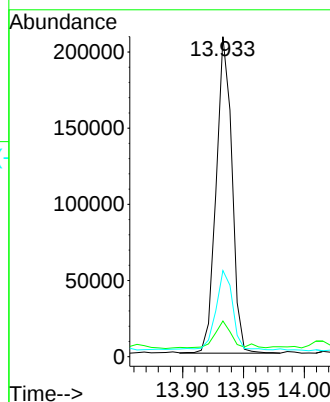
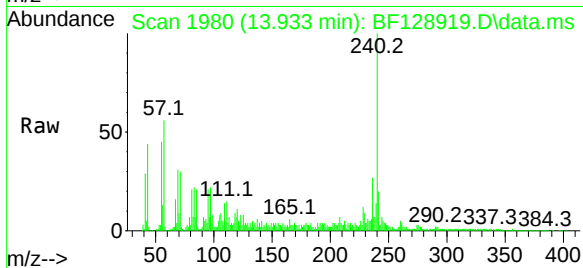
Tgt Ion:240 Resp: 187929

Ion Ratio Lower Upper

240 100

120 11.2 8.9 13.3

236 26.9 20.8 31.2



#78

Pyrene

Concen: 8.326 ng

RT: 12.727 min Scan# 1775

Delta R.T. -0.000 min

Lab File: BF128919.D

Acq: 22 Jun 2022 01:46

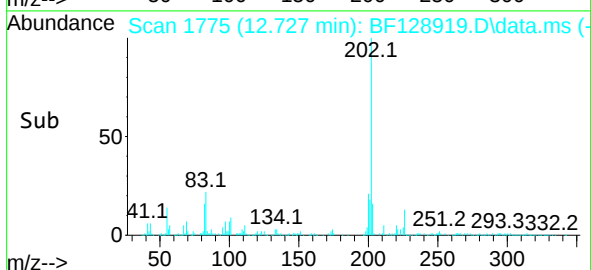
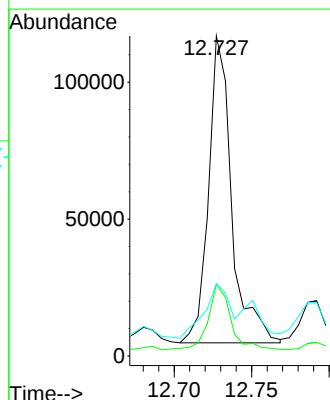
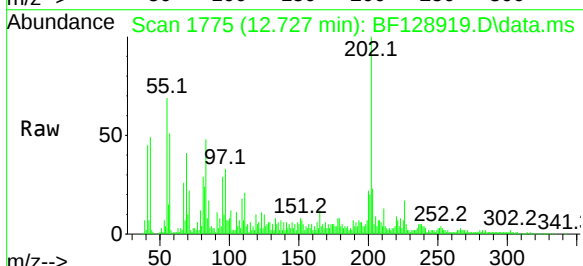
Tgt Ion:202 Resp: 116416

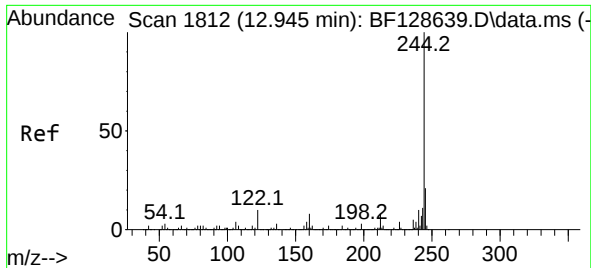
Ion Ratio Lower Upper

202 100

200 22.4 17.7 26.5

203 22.6 14.6 21.8#

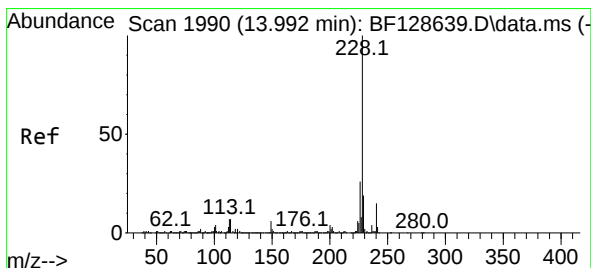
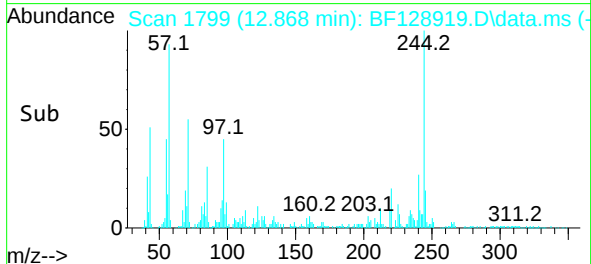
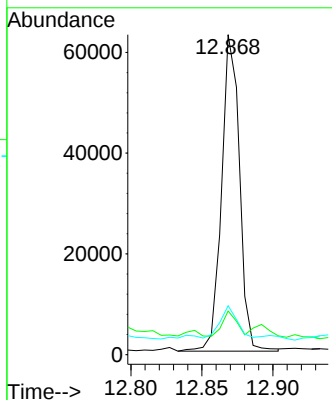
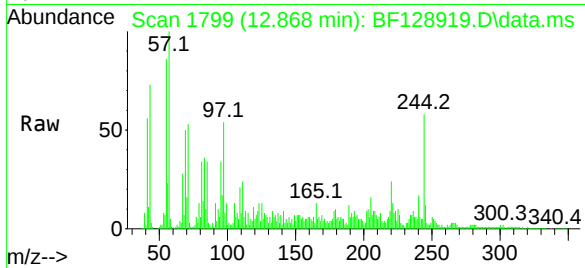




#79
 Terphenyl-d14
 Concen: 5.111 ng
 RT: 12.868 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128919.D
 Acq: 22 Jun 2022 01:46

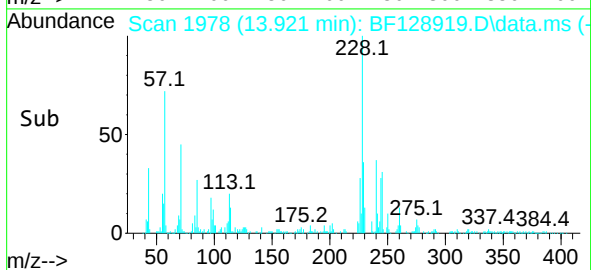
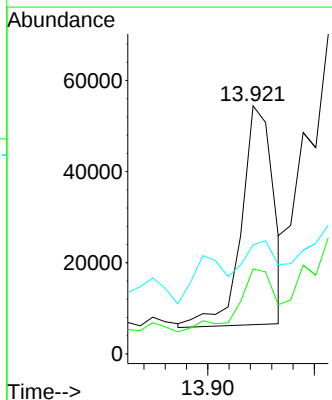
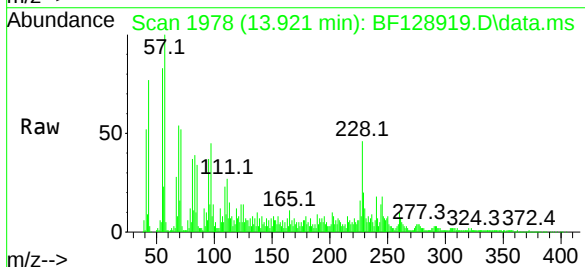
Instrument :
 BNA_F
 ClientSampleId :
 WC-14A-1A-12

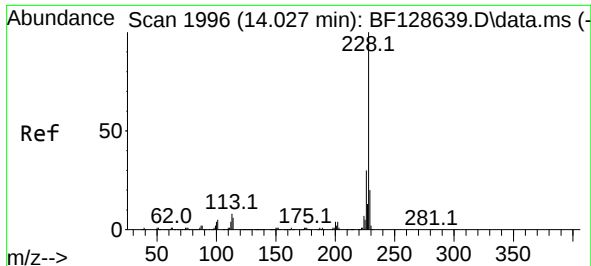
Tgt Ion:244 Resp: 55274
 Ion Ratio Lower Upper
 244 100
 212 13.6 6.1 9.1#
 122 15.3 8.8 13.2#



#81
 Benzo(a)anthracene
 Concen: 4.300 ng
 RT: 13.921 min Scan# 1978
 Delta R.T. 0.006 min
 Lab File: BF128919.D
 Acq: 22 Jun 2022 01:46

Tgt Ion:228 Resp: 50368
 Ion Ratio Lower Upper
 228 100
 226 34.3 22.1 33.1#
 229 43.9 15.8 23.8#

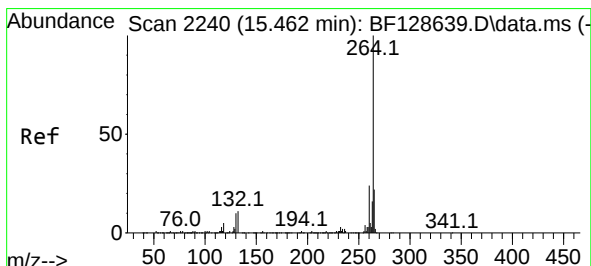
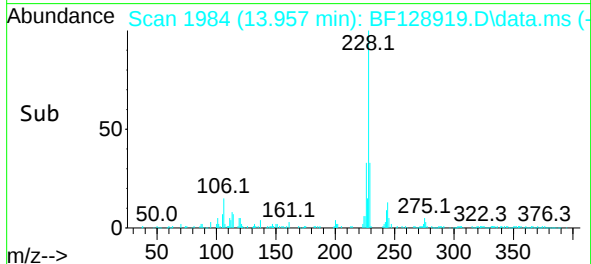
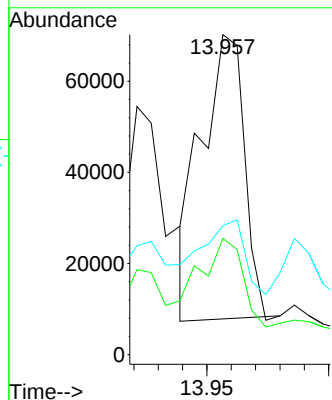
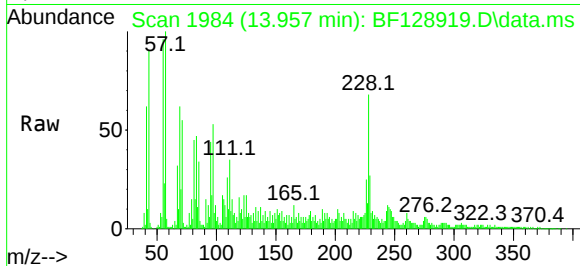




#83
Chrysene
Concen: 6.821 ng
RT: 13.957 min Scan# 1996
Delta R.T. 0.006 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

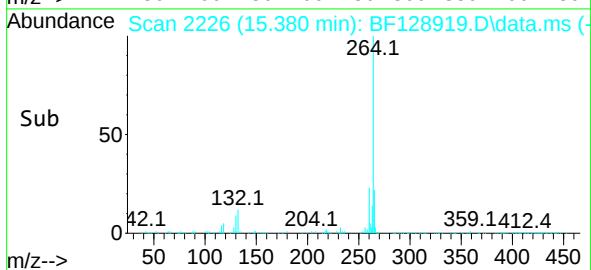
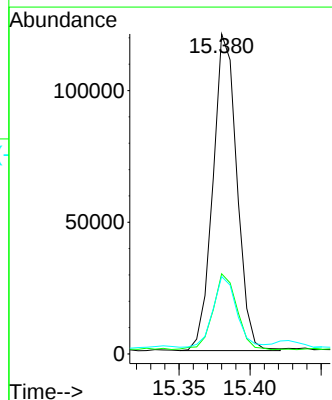
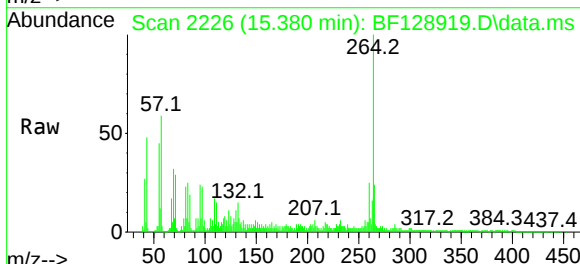
Instrument :
BNA_F
ClientSampleId :
WC-14A-1A-12

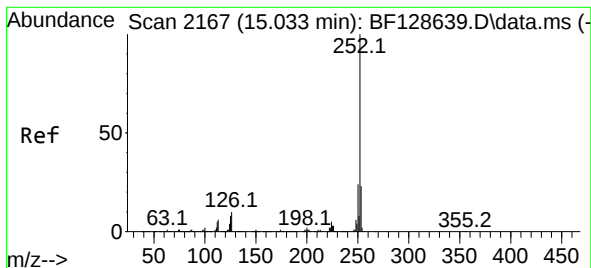
Tgt Ion:228 Resp: 76176
Ion Ratio Lower Upper
228 100
226 36.4 24.3 36.5
229 40.3 15.9 23.9#



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.380 min Scan# 2226
Delta R.T. 0.018 min
Lab File: BF128919.D
Acq: 22 Jun 2022 01:46

Tgt Ion:264 Resp: 141013
Ion Ratio Lower Upper
264 100
260 25.1 18.4 27.6
265 24.2 17.2 25.8





#88

Benzo(b)fluoranthene

Concen: 2.627 ng

RT: 14.962 min Scan# 2155

Delta R.T. 0.012 min

Lab File: BF128919.D

Acq: 22 Jun 2022 01:46

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-12

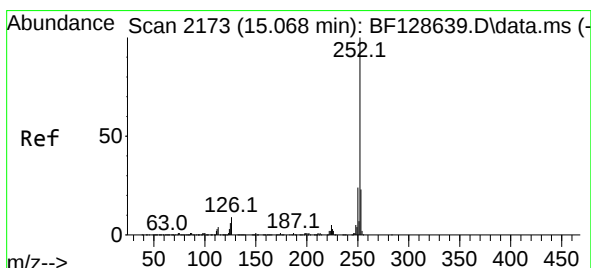
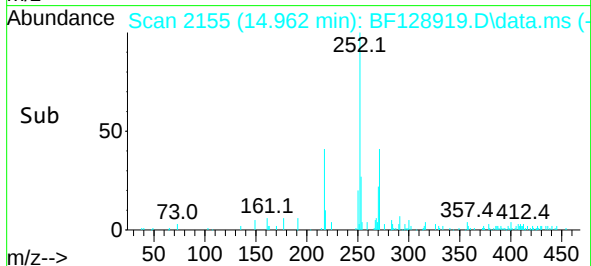
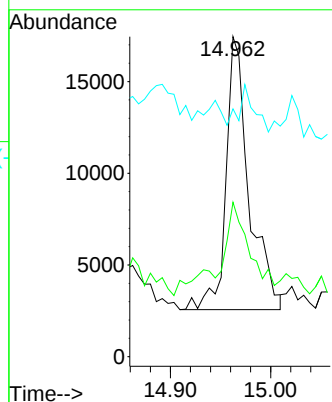
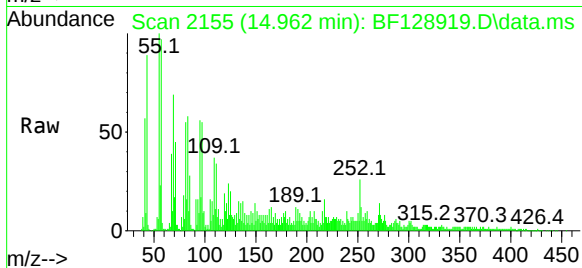
Tgt Ion:252 Resp: 23669

Ion Ratio Lower Upper

252 100

253 48.2 17.7 26.5#

125 77.5 8.0 12.0#



#89

Benzo(k)fluoranthene

Concen: 2.792 ng

RT: 14.962 min Scan# 2155

Delta R.T. -0.018 min

Lab File: BF128919.D

Acq: 22 Jun 2022 01:46

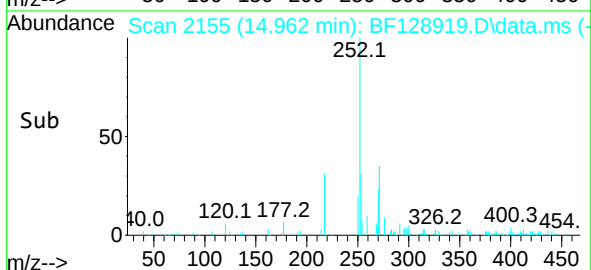
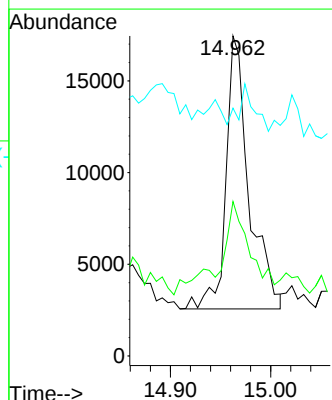
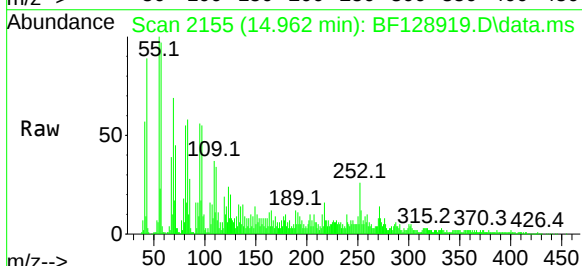
Tgt Ion:252 Resp: 23669

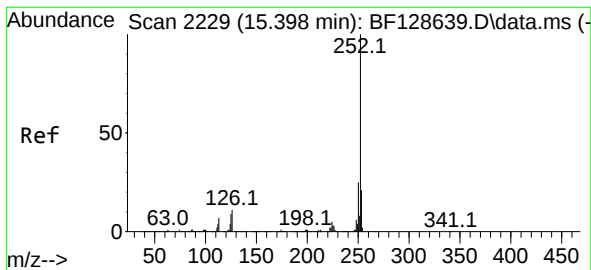
Ion Ratio Lower Upper

252 100

253 48.2 17.8 26.6#

125 77.5 8.3 12.5#





#90

Benzo(a)pyrene

Concen: 2.762 ng

RT: 15.321 min Scan# 21

Delta R.T. 0.018 min

Lab File: BF128919.D

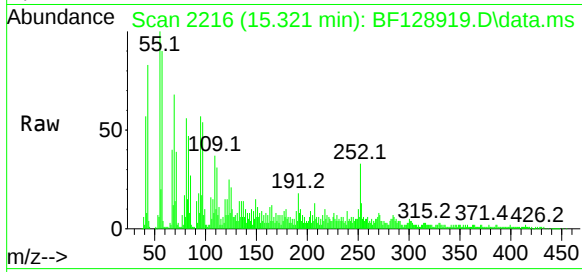
Acq: 22 Jun 2022 01:46

Instrument :

BNA_F

ClientSampleId :

WC-14A-1A-12



Tgt Ion:252 Resp: 19558

Ion Ratio Lower Upper

252 100

253 39.6 17.0 25.6#

125 64.0 8.8 13.2#

