

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128914.D
 Acq On : 21 Jun 2022 23:22
 Operator : CG\JU
 Sample : N3373-10DL 10X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-13EDL

Quant Time: Jun 22 01:57:07 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)

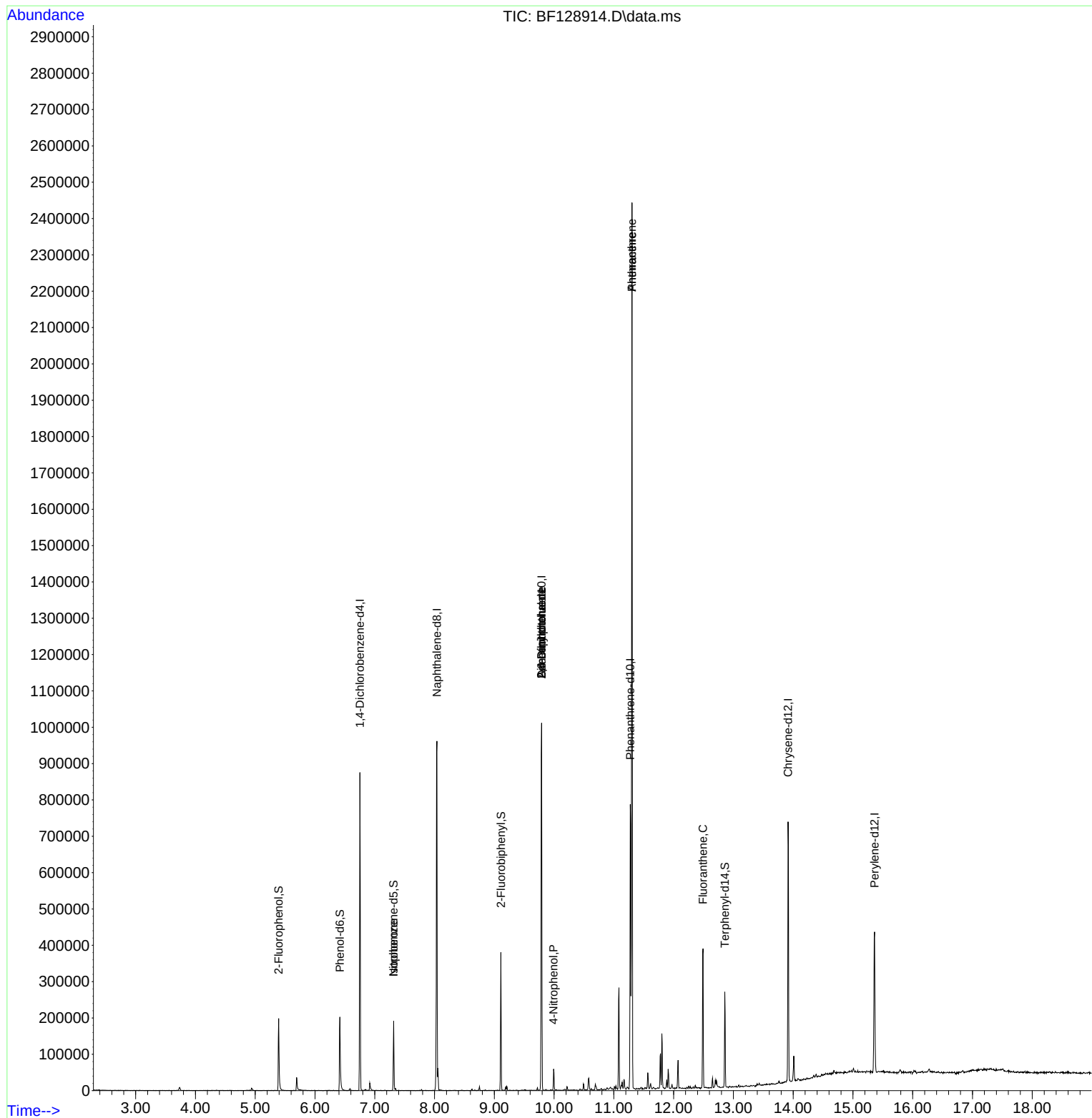
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	110618	20.00	ng	0.00
21) Naphthalene-d8	8.039	136	403353	20.00	ng	# 0.00
39) Acenaphthene-d10	9.792	164	197703	20.00	ng	0.00
64) Phenanthrene-d10	11.274	188	303509	20.00	ng	0.00
76) Chrysene-d12	13.915	240	248483	20.00	ng	#-0.01
86) Perylene-d12	15.362	264	174593	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	50447	7.26	ng	0.00
7) Phenol-d6	6.416	99	68571	8.09	ng	0.00
23) Nitrobenzene-d5	7.316	82	48306	5.58	ng	-0.01
42) 2,4,6-Tribromophenol	10.580	330	2472	1.06	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	95533	6.77	ng	0.00
79) Terphenyl-d14	12.857	244	82476	5.77	ng	-0.01
Target Compounds						Qvalue
25) Isophorone	7.316	82	48305	3.67	ng	# 65
50) Dimethylphthalate	9.792	163	36359	2.69	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	25169	9.42	ng	# 25
56) 4-Nitrophenol	9.992	139	8438	4.02	ng	# 8
57) 2,4-Dinitrotoluene	9.792	165	25169	7.06	ng	# 21
71) Phenanthrene	11.304	178	811395	53.30	ng	99
72) Anthracene	11.304	178	811395	53.85	ng	100
75) Fluoranthene	12.492	202	154213	9.69	ng	96

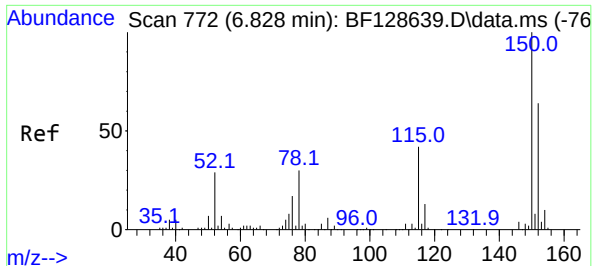
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
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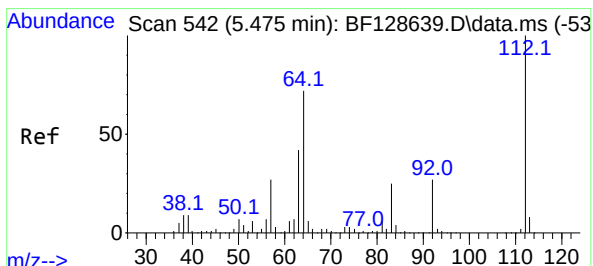
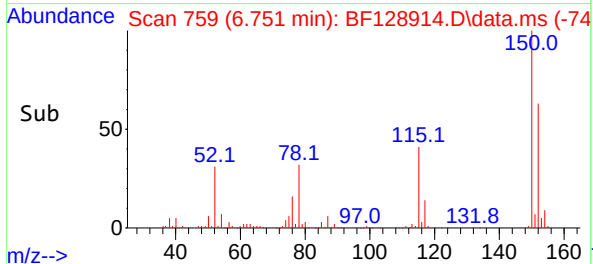
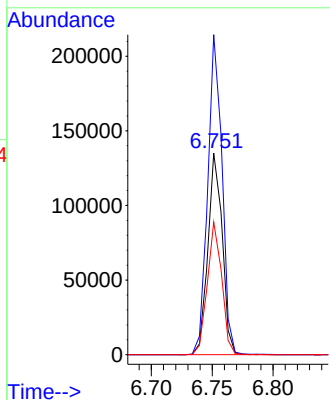
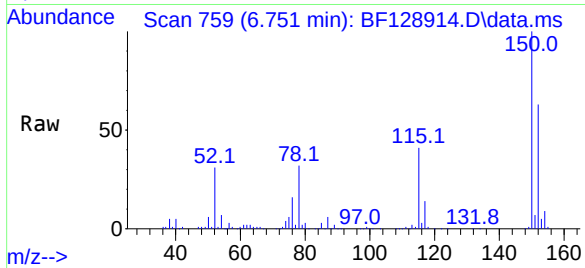




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128914.D
Acq: 21 Jun 2022 23:22

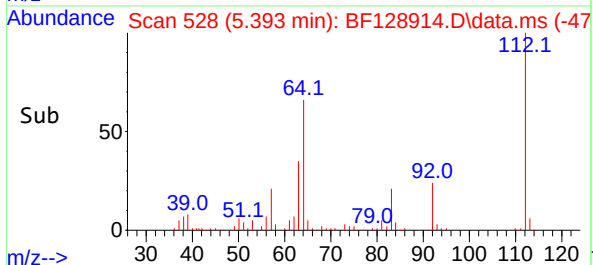
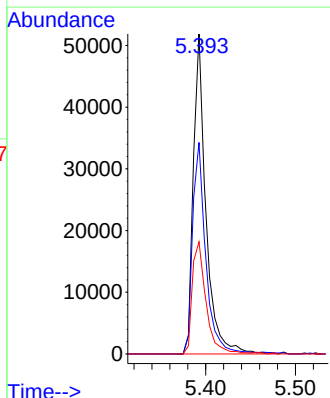
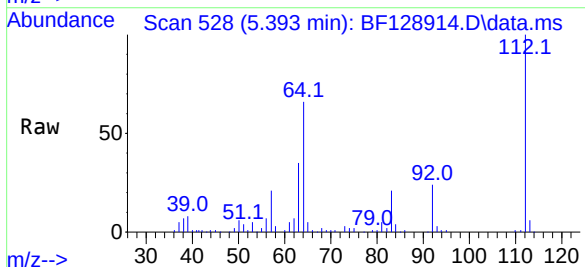
Instrument :
BNA_F
ClientSampleId :
SC-13EDL

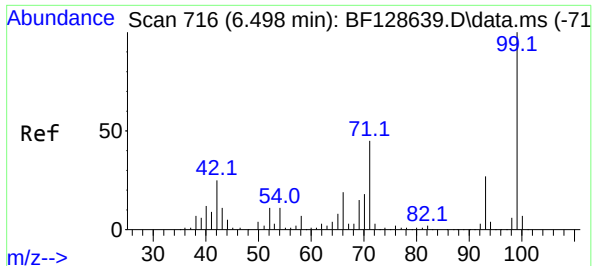
Tgt Ion:152 Resp: 110618
Ion Ratio Lower Upper
152 100
150 158.7 123.7 185.5
115 65.7 49.9 74.9



#5
2-Fluorophenol
Concen: 7.26 ng
RT: 5.393 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF128914.D
Acq: 21 Jun 2022 23:22

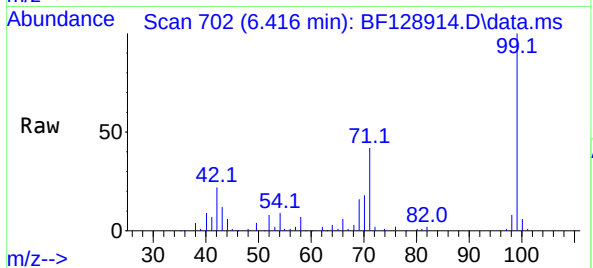
Tgt Ion:112 Resp: 50447
Ion Ratio Lower Upper
112 100
64 66.1 53.3 79.9
63 35.0 28.0 42.0



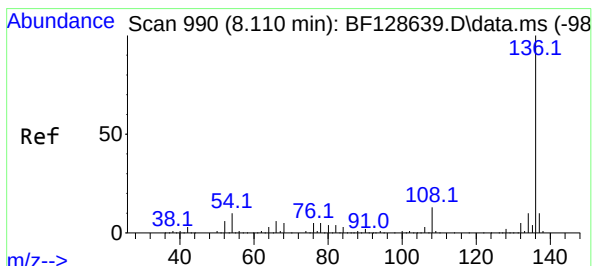
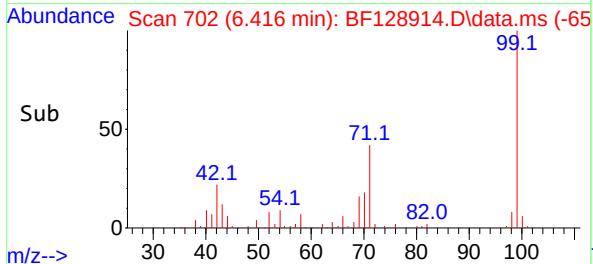
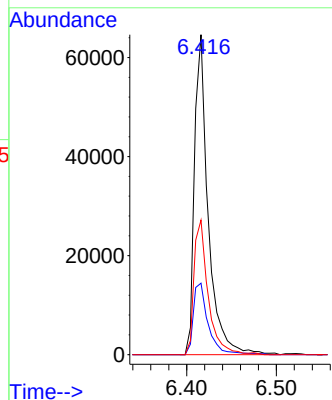


#7
Phenol-d6
Concen: 8.09 ng
RT: 6.416 min Scan# 70
Delta R.T. -0.000 min
Lab File: BF128914.D
Acq: 21 Jun 2022 23:22

Instrument :
BNA_F
ClientSampleId :
SC-13EDL

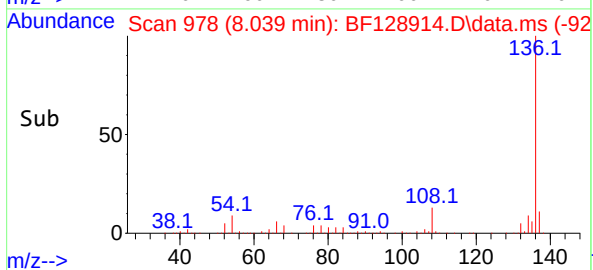
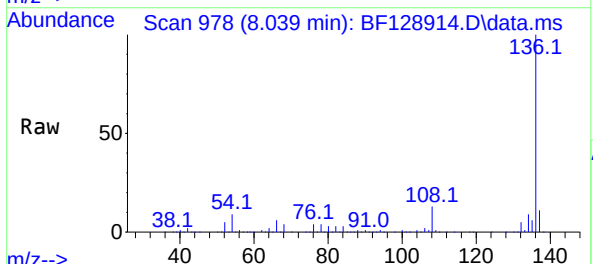
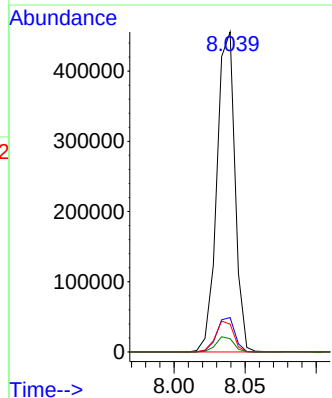


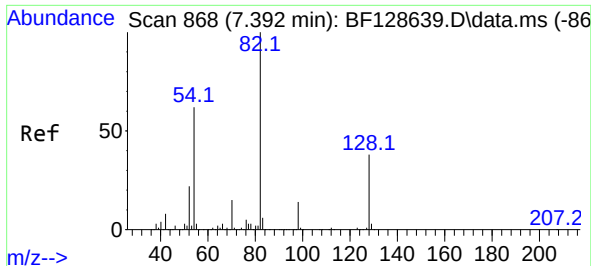
Tgt Ion: 99 Resp: 68571
Ion Ratio Lower Upper
99 100
42 22.4 17.3 25.9
71 42.1 28.9 43.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.039 min Scan# 978
Delta R.T. -0.000 min
Lab File: BF128914.D
Acq: 21 Jun 2022 23:22

Tgt Ion: 136 Resp: 403353
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 8.7 7.5 11.3
68 4.2 4.7 7.1#





#23

Nitrobenzene-d5

Concen: 5.58 ng

RT: 7.316 min Scan# 855

Delta R.T. -0.012 min

Lab File: BF128914.D

Acq: 21 Jun 2022 23:22

Instrument :

BNA_F

ClientSampleId :

SC-13EDL

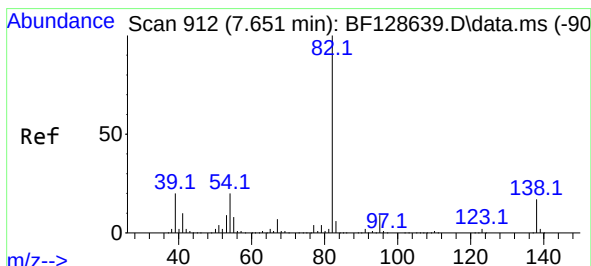
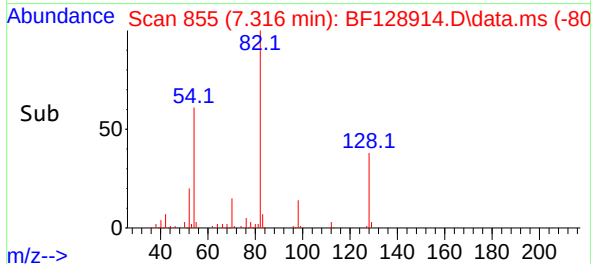
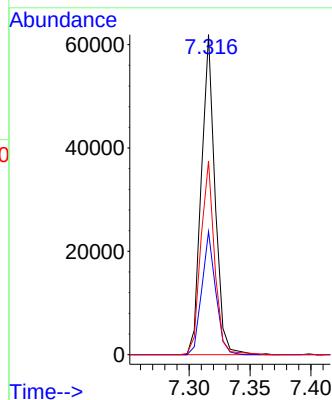
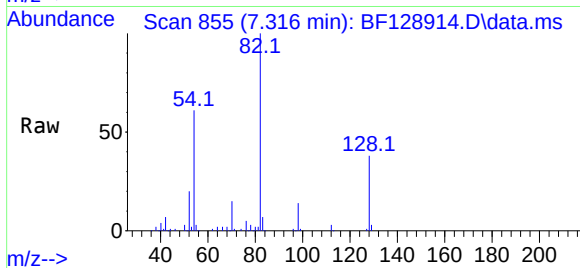
Tgt Ion: 82 Resp: 48306

Ion Ratio Lower Upper

82 100

128 38.4 34.0 51.0

54 60.5 46.9 70.3



#25

Isophorone

Concen: 3.67 ng

RT: 7.316 min Scan# 855

Delta R.T. -0.271 min

Lab File: BF128914.D

Acq: 21 Jun 2022 23:22

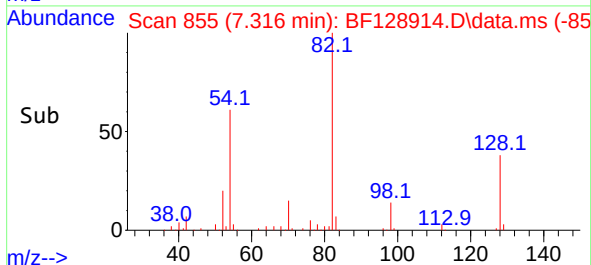
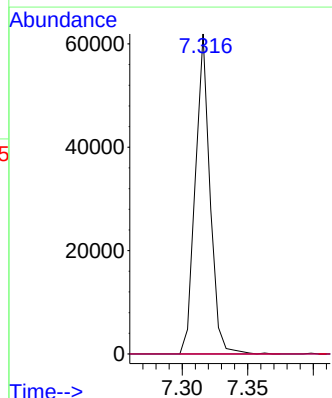
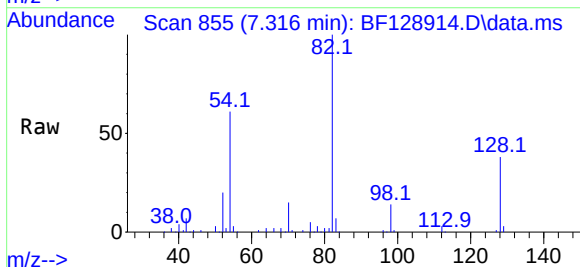
Tgt Ion: 82 Resp: 48305

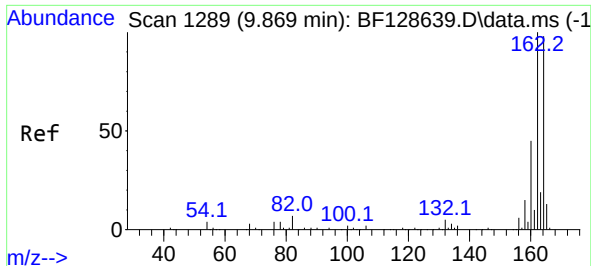
Ion Ratio Lower Upper

82 100

95 0.0 5.7 8.5#

138 0.0 14.2 21.2#





#39

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.792 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF128914.D

Acq: 21 Jun 2022 23:22

Instrument :

BNA_F

ClientSampleId :

SC-13EDL

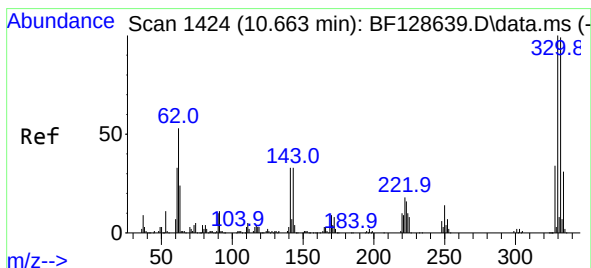
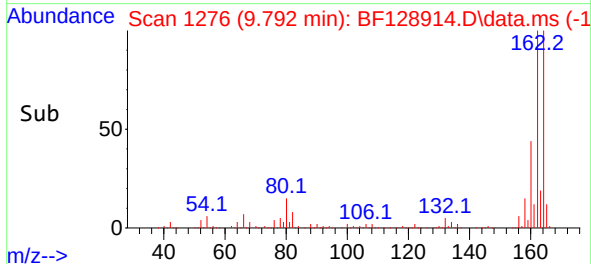
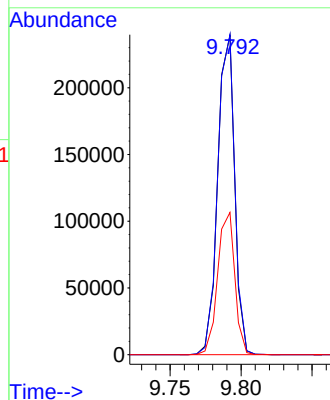
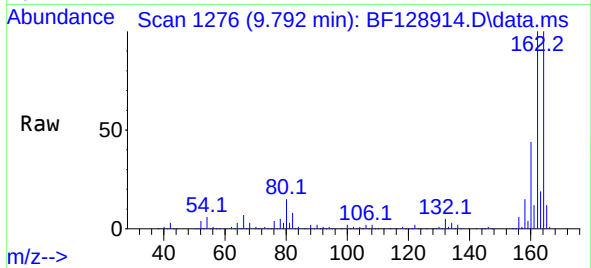
Tgt Ion:164 Resp: 197703

Ion Ratio Lower Upper

164 100

162 100.3 79.5 119.3

160 44.6 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 1.06 ng

RT: 10.580 min Scan# 1410

Delta R.T. -0.006 min

Lab File: BF128914.D

Acq: 21 Jun 2022 23:22

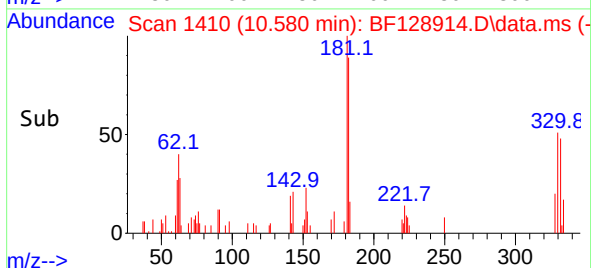
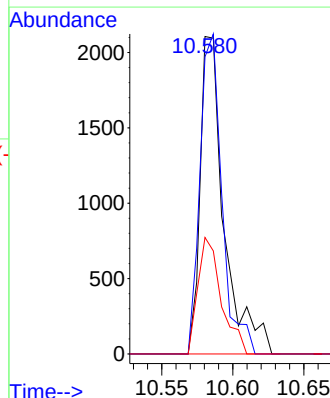
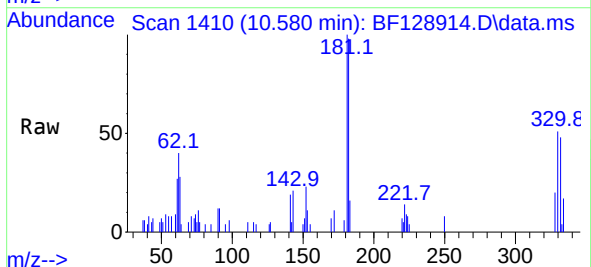
Tgt Ion:330 Resp: 2472

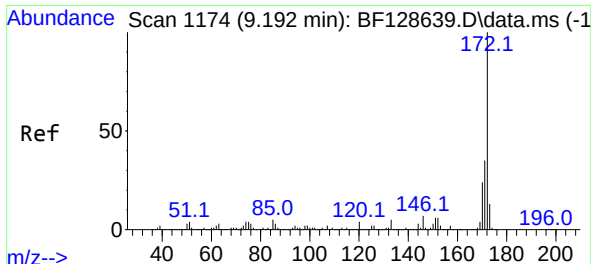
Ion Ratio Lower Upper

330 100

332 92.7 76.8 115.2

141 35.8 28.0 42.0

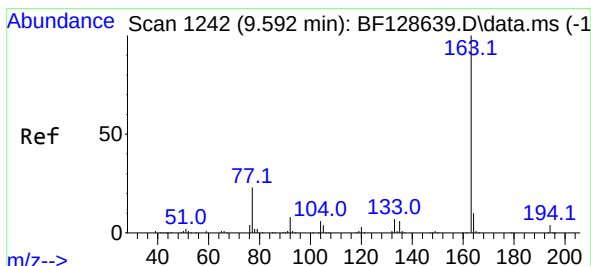
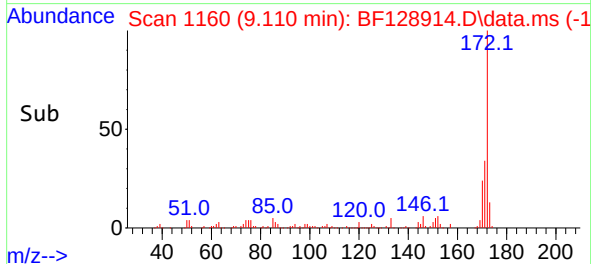
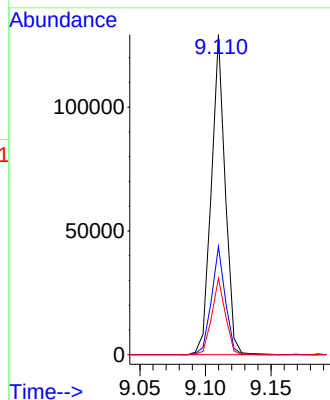
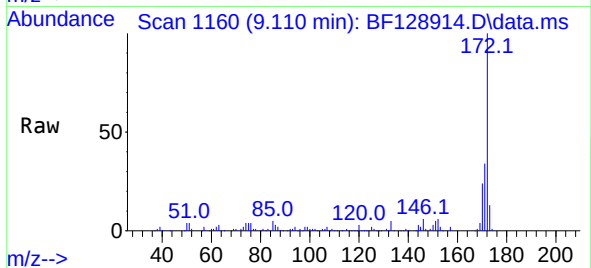




#45
2-Fluorobiphenyl
Concen: 6.77 ng
RT: 9.110 min Scan# 1174
Delta R.T. -0.006 min
Lab File: BF128914.D
Acq: 21 Jun 2022 23:22

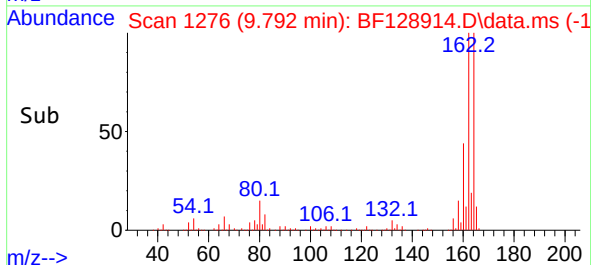
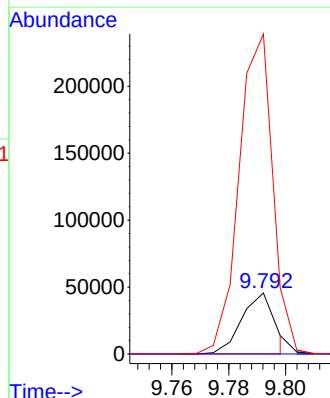
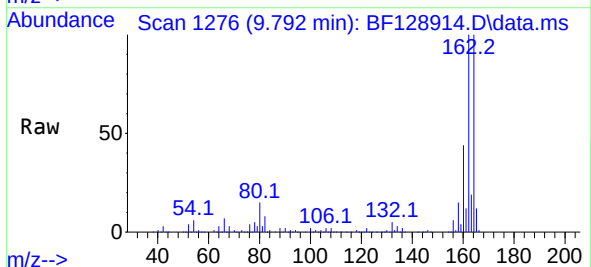
Instrument :
BNA_F
ClientSampleId :
SC-13EDL

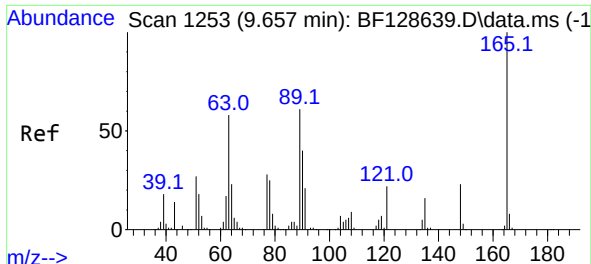
Tgt Ion:172 Resp: 95533
Ion Ratio Lower Upper
172 100
171 33.8 28.8 43.2
170 23.9 19.8 29.8



#50
Dimethylphthalate
Concen: 2.69 ng
RT: 9.792 min Scan# 1276
Delta R.T. 0.271 min
Lab File: BF128914.D
Acq: 21 Jun 2022 23:22

Tgt Ion:163 Resp: 36359
Ion Ratio Lower Upper
163 100
194 0.0 3.2 4.8#
164 525.2 8.2 12.2#

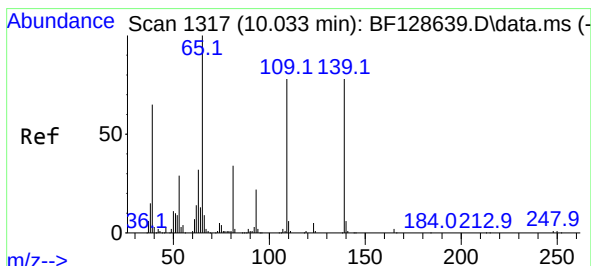
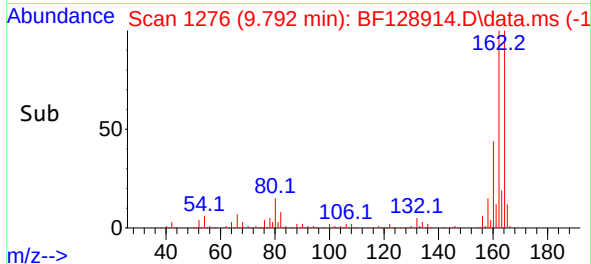
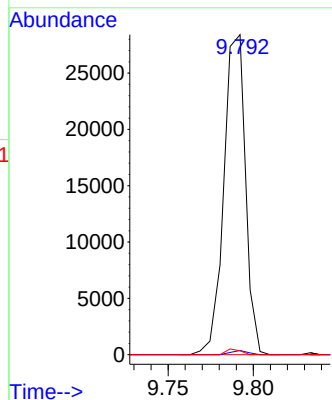
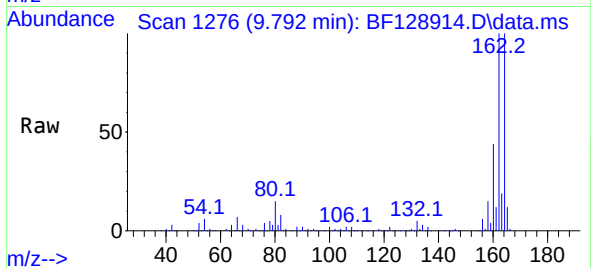




#51
2,6-Dinitrotoluene
Concen: 9.42 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128914.D
Acq: 21 Jun 2022 23:22

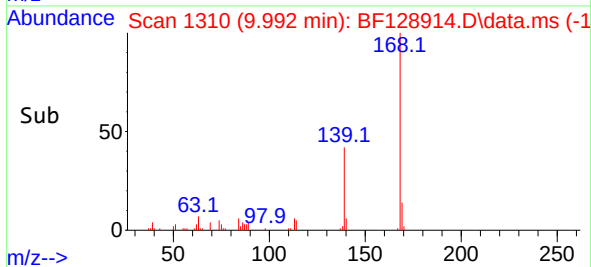
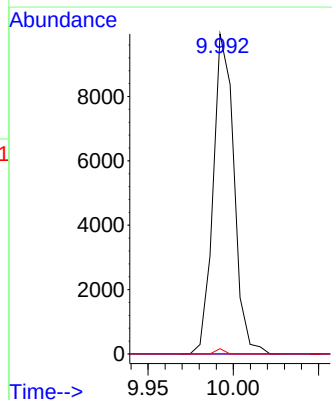
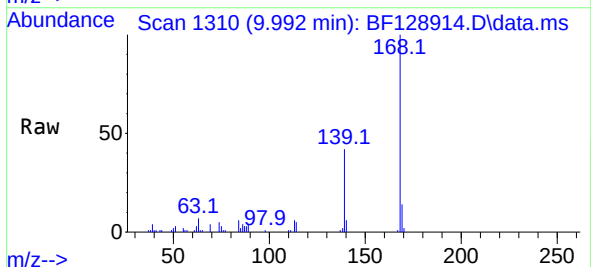
Instrument :
BNA_F
ClientSampleId :
SC-13EDL

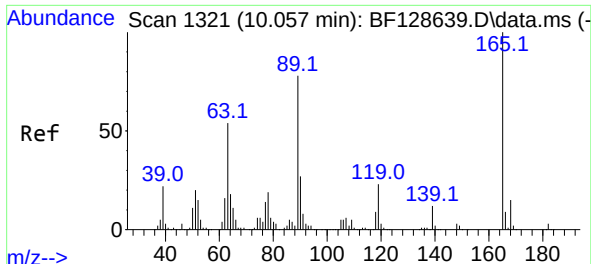
Tgt Ion:165 Resp: 25169
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.2 43.6 65.4#



#56
4-Nitrophenol
Concen: 4.02 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.041 min
Lab File: BF128914.D
Acq: 21 Jun 2022 23:22

Tgt Ion:139 Resp: 8438
Ion Ratio Lower Upper
139 100
109 0.0 50.7 90.7#
65 1.6 74.5 114.5#

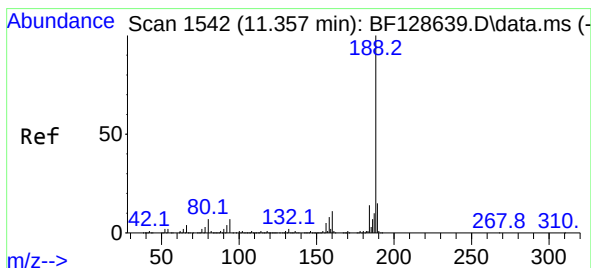
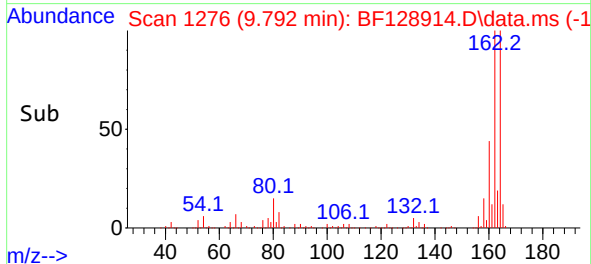
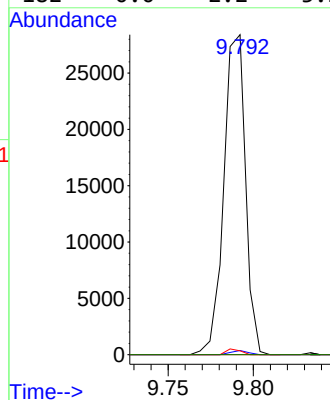
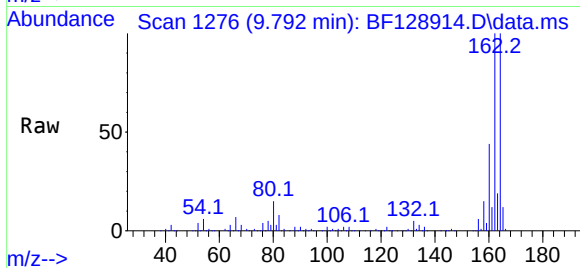




#57
2,4-Dinitrotoluene
Concen: 7.06 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128914.D
Acq: 21 Jun 2022 23:22

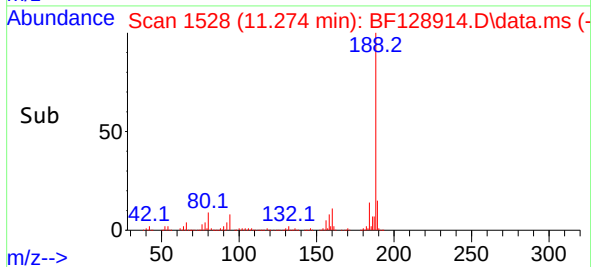
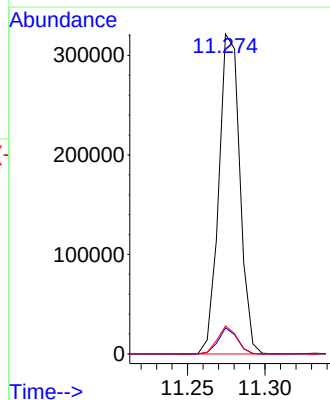
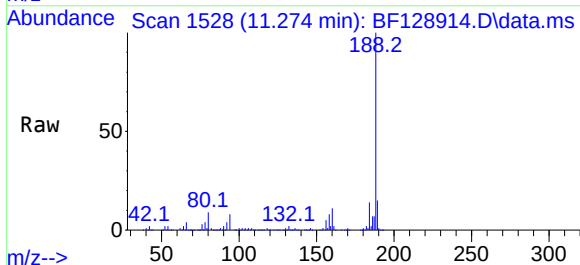
Instrument :
BNA_F
ClientSampleId :
SC-13EDL

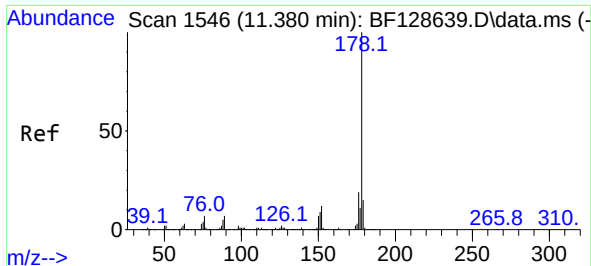
Tgt Ion:165 Resp: 25169
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.2 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.274 min Scan# 1528
Delta R.T. -0.006 min
Lab File: BF128914.D
Acq: 21 Jun 2022 23:22

Tgt Ion:188 Resp: 303509
Ion Ratio Lower Upper
188 100
94 8.2 7.0 10.6
80 8.7 7.6 11.4

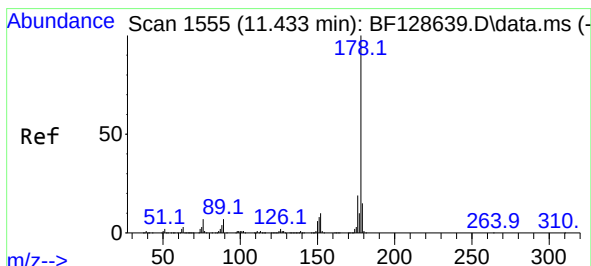
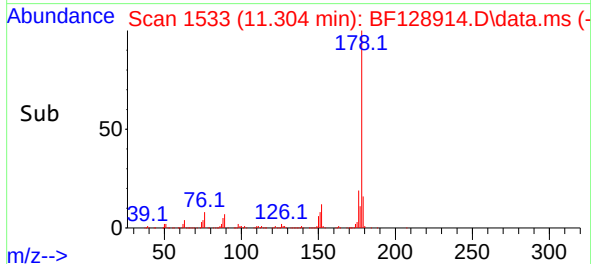
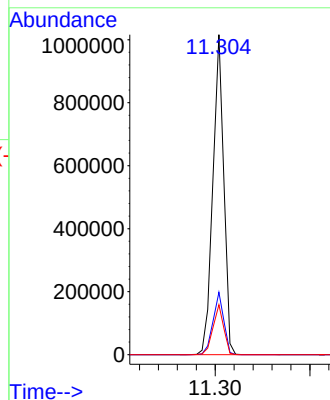
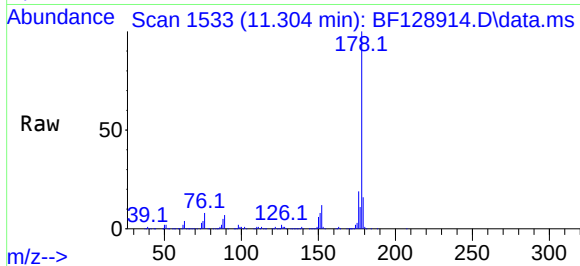




#71
Phenanthrene
Concen: 53.30 ng
RT: 11.304 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF128914.D
Acq: 21 Jun 2022 23:22

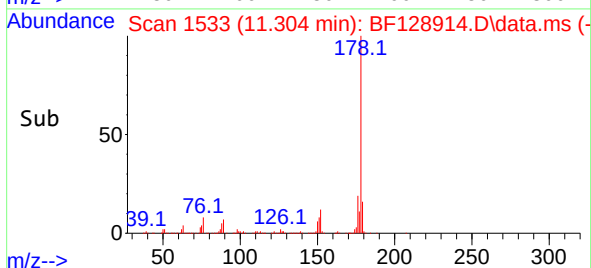
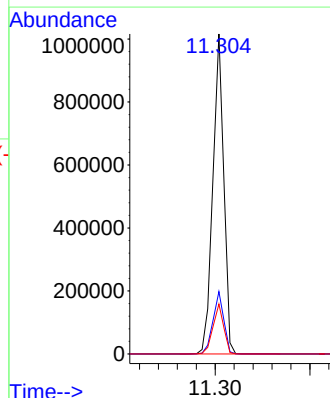
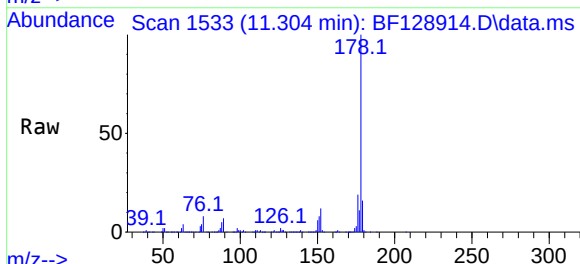
Instrument :
BNA_F
ClientSampleId :
SC-13EDL

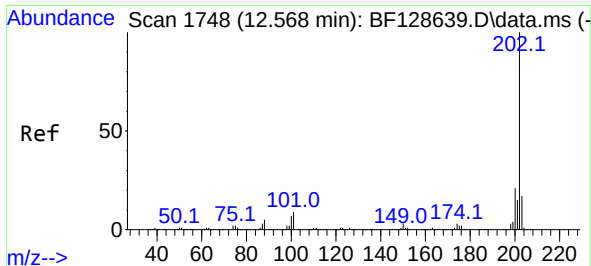
Tgt Ion:178 Resp: 811395
Ion Ratio Lower Upper
178 100
176 19.5 16.0 24.0
179 15.6 12.6 19.0



#72
Anthracene
Concen: 53.85 ng
RT: 11.304 min Scan# 1533
Delta R.T. -0.053 min
Lab File: BF128914.D
Acq: 21 Jun 2022 23:22

Tgt Ion:178 Resp: 811395
Ion Ratio Lower Upper
178 100
176 19.5 15.4 23.2
179 15.6 12.6 19.0

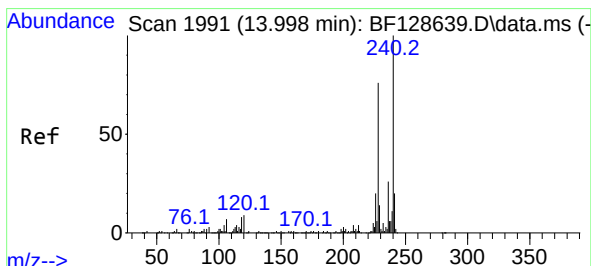
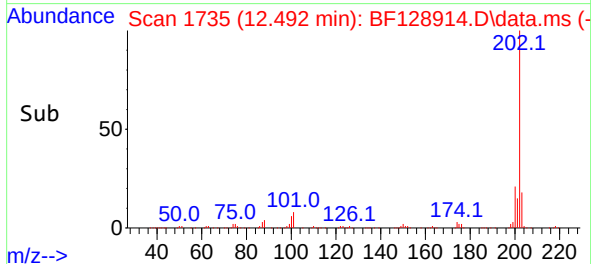
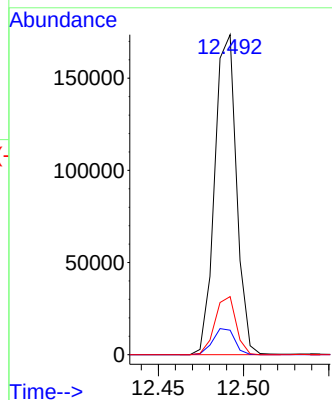
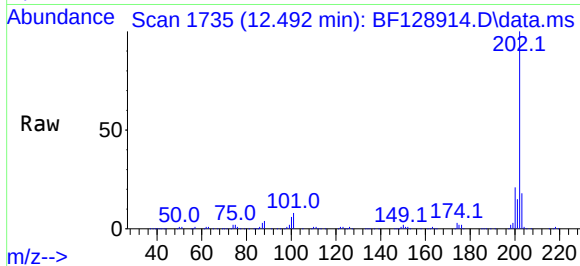




#75
Fluoranthene
Concen: 9.69 ng
RT: 12.492 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128914.D
Acq: 21 Jun 2022 23:22

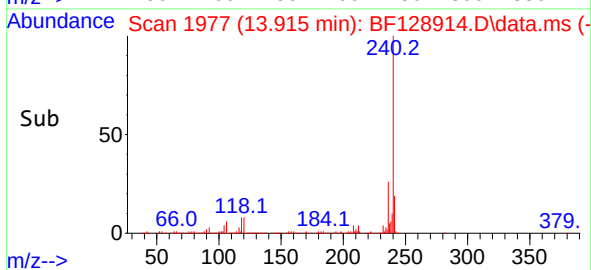
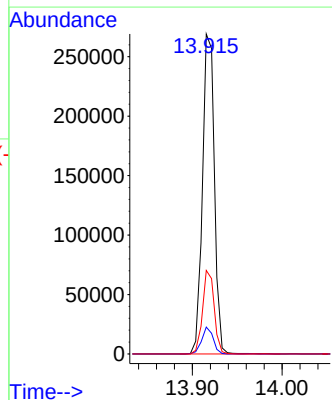
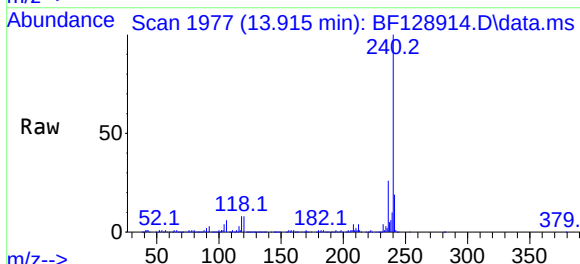
Instrument :
BNA_F
ClientSampleId :
SC-13EDL

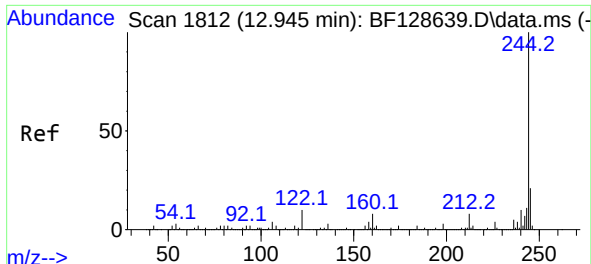
Tgt Ion:202 Resp: 154213
Ion Ratio Lower Upper
202 100
101 7.7 0.0 31.4
203 18.2 0.0 38.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.915 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BF128914.D
Acq: 21 Jun 2022 23:22

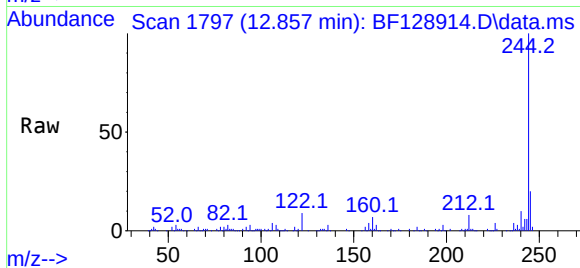
Tgt Ion:240 Resp: 248483
Ion Ratio Lower Upper
240 100
120 8.4 8.9 13.3#
236 26.1 20.8 31.2



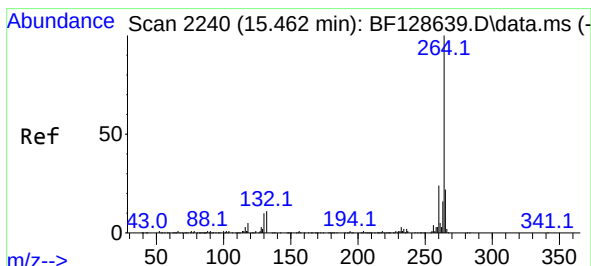
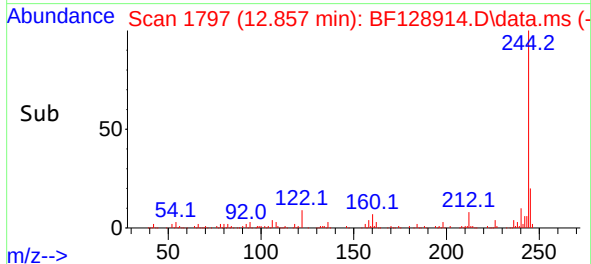
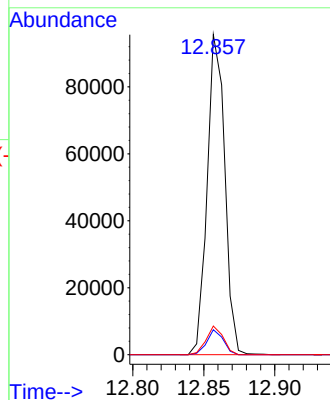


#79
 Terphenyl-d14
 Concen: 5.77 ng
 RT: 12.857 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128914.D
 Acq: 21 Jun 2022 23:22

Instrument :
 BNA_F
 ClientSampleId :
 SC-13EDL



Tgt Ion:244 Resp: 82476
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 8.9 8.8 13.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.362 min Scan# 2223
 Delta R.T. -0.000 min
 Lab File: BF128914.D
 Acq: 21 Jun 2022 23:22

Tgt Ion:264 Resp: 174593
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.4 27.6
 265 21.6 17.2 25.8

