

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062122\
 Data File : BF128913.D
 Acq On : 21 Jun 2022 22:53
 Operator : CG\JU
 Sample : N3373-09DL 10X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SC-13SDL

Quant Time: Jun 22 01:56:44 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)

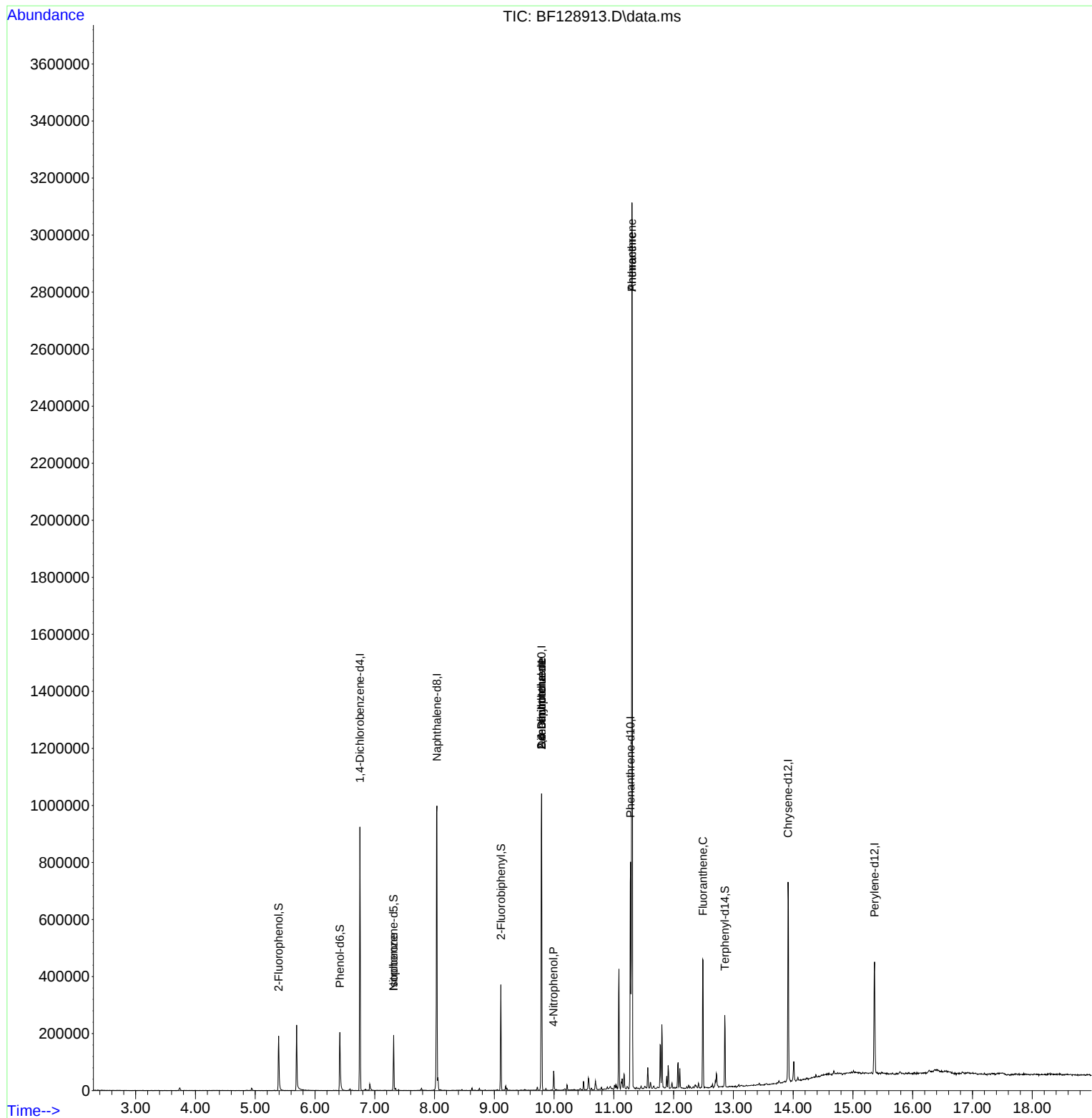
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	114941	20.00	ng	0.00
21) Naphthalene-d8	8.039	136	418457	20.00	ng	# 0.00
39) Acenaphthene-d10	9.792	164	202314	20.00	ng	0.00
64) Phenanthrene-d10	11.280	188	308230	20.00	ng	# 0.00
76) Chrysene-d12	13.916	240	243771	20.00	ng	#-0.01
86) Perylene-d12	15.363	264	170333	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	48966	6.79	ng	0.00
7) Phenol-d6	6.416	99	68334	7.76	ng	0.00
23) Nitrobenzene-d5	7.316	82	48595	5.41	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	1712	0.72	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	96490	6.68	ng	0.00
79) Terphenyl-d14	12.857	244	79579	5.67	ng	-0.01
Target Compounds						
						Qvalue
25) Isophorone	7.316	82	48470	3.55	ng	# 65
50) Dimethylphthalate	9.792	163	38293	2.77	ng	# 1
51) 2,6-Dinitrotoluene	9.792	165	26743	9.78	ng	# 25
56) 4-Nitrophenol	9.992	139	9618	4.47	ng	# 9
57) 2,4-Dinitrotoluene	9.792	165	26743	7.33	ng	# 21
71) Phenanthrene	11.304	178	1117202	72.26	ng	99
72) Anthracene	11.304	178	1117202	73.01	ng	99
75) Fluoranthene	12.492	202	185243	11.46	ng	95

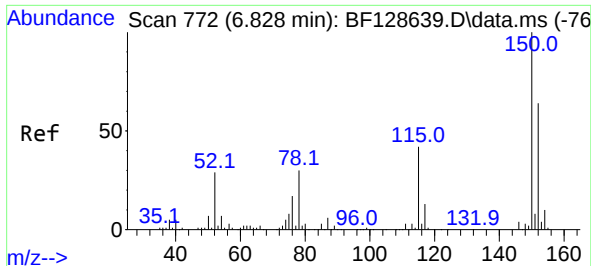
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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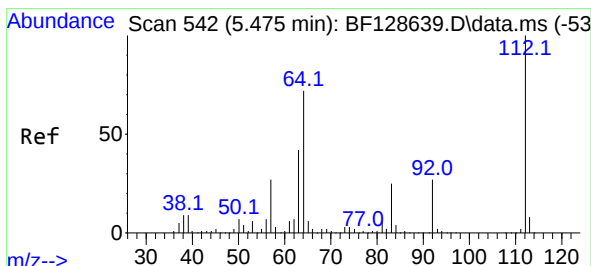
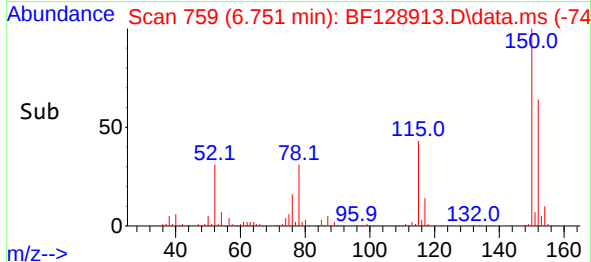
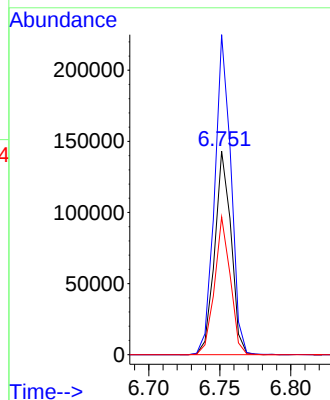
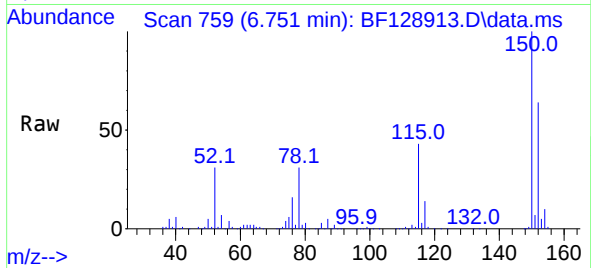




#1
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

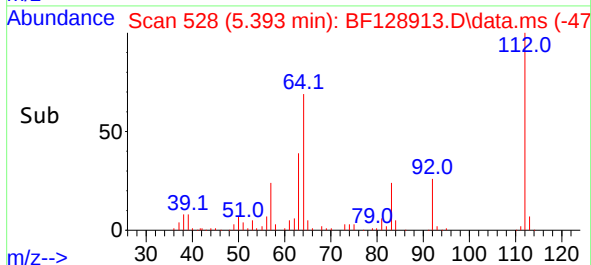
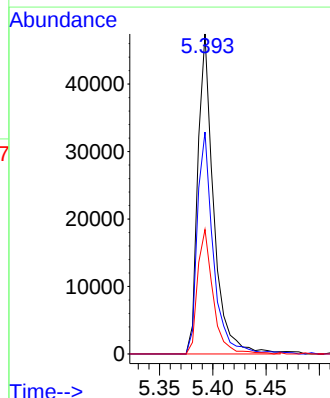
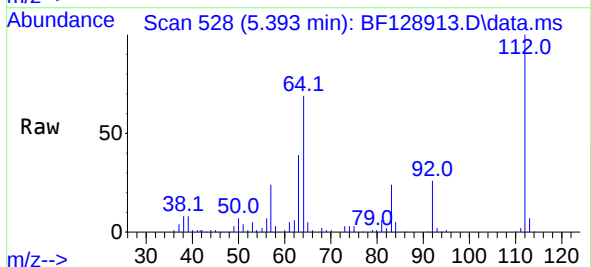
Instrument :
BNA_F
ClientSampleId :
SC-13SDL

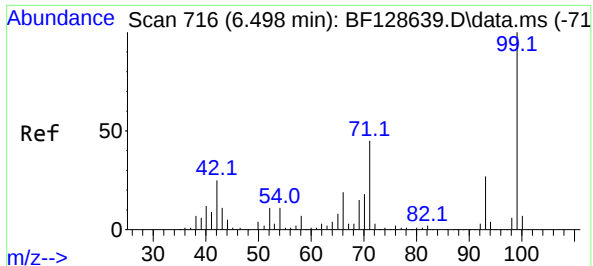
Tgt Ion:152 Resp: 114941
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 67.7 49.9 74.9



#5
2-Fluorophenol
Concen: 6.79 ng
RT: 5.393 min Scan# 528
Delta R.T. 0.006 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

Tgt Ion:112 Resp: 48966
Ion Ratio Lower Upper
112 100
64 69.4 53.3 79.9
63 38.9 28.0 42.0

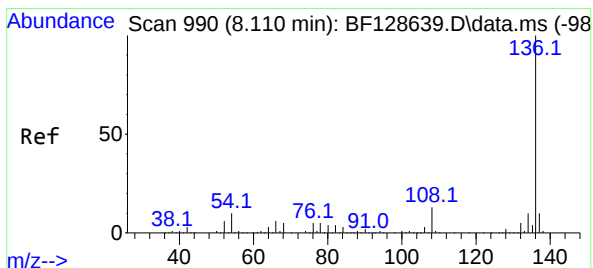
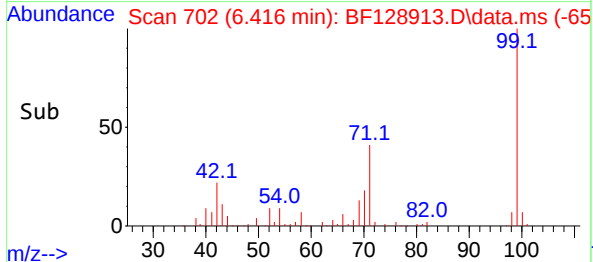
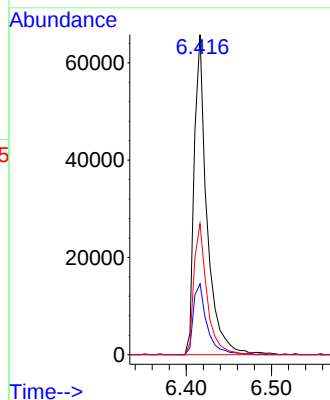
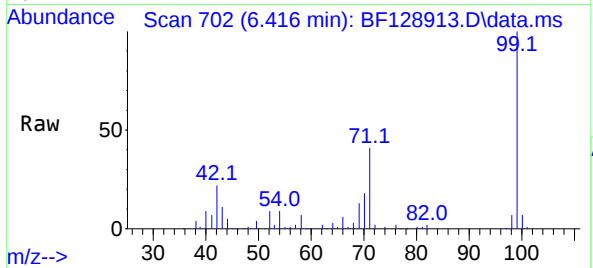




#7
Phenol-d6
Concen: 7.76 ng
RT: 6.416 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

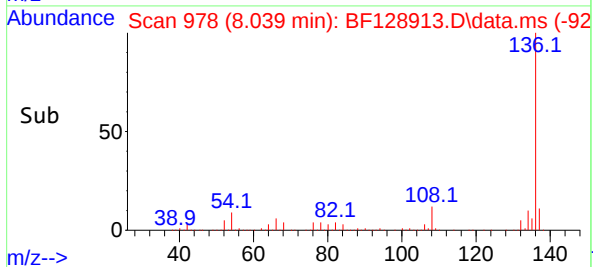
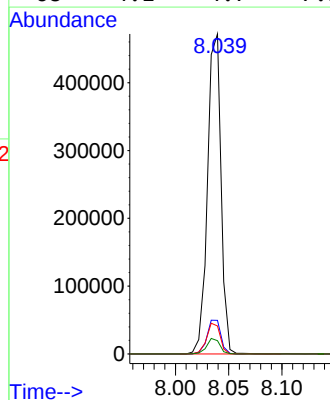
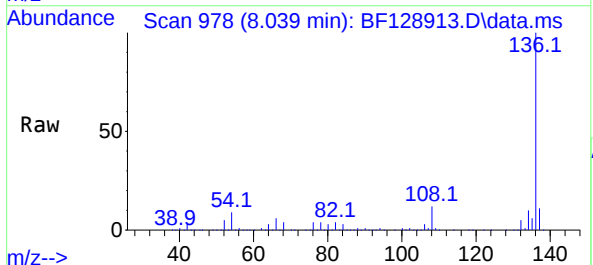
Instrument :
BNA_F
ClientSampleId :
SC-13SDL

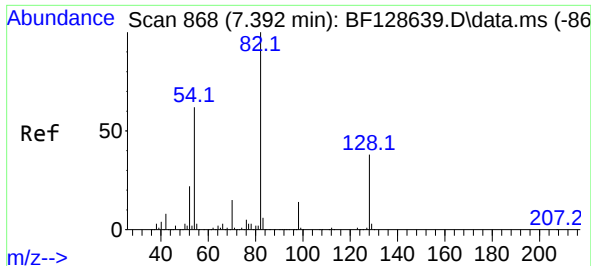
Tgt Ion: 99 Resp: 68334
Ion Ratio Lower Upper
99 100
42 22.2 17.3 25.9
71 40.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.039 min Scan# 978
Delta R.T. 0.000 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

Tgt Ion: 136 Resp: 418457
Ion Ratio Lower Upper
136 100
137 10.5 8.8 13.2
54 8.8 7.5 11.3
68 4.1 4.7 7.1#

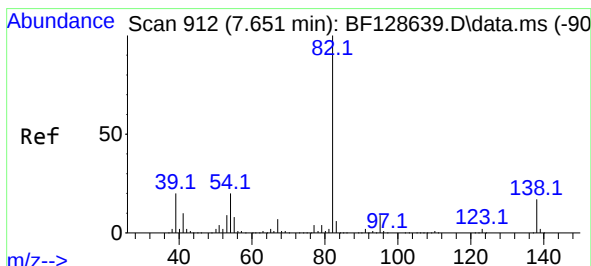
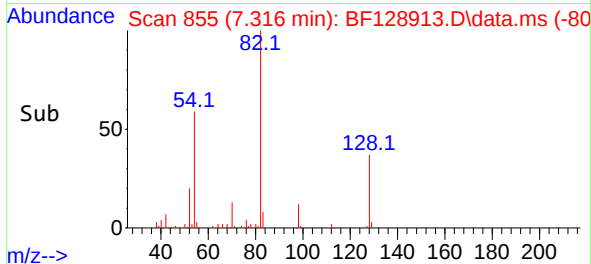
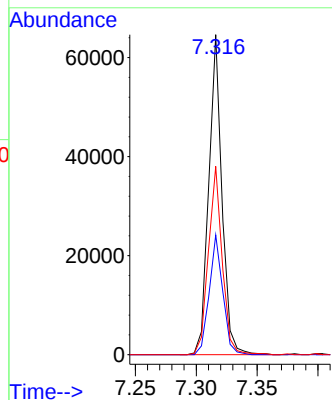
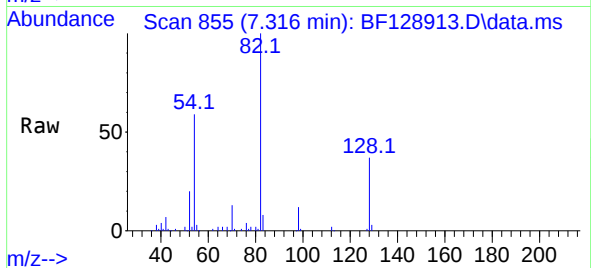




#23
Nitrobenzene-d5
Concen: 5.41 ng
RT: 7.316 min Scan# 81
Delta R.T. -0.012 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

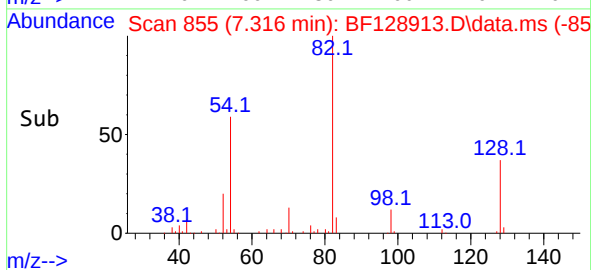
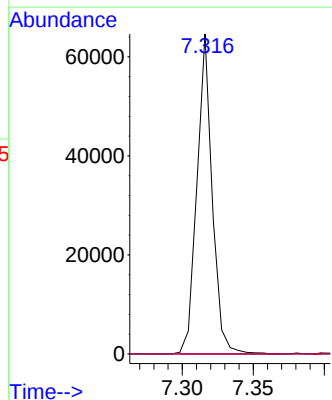
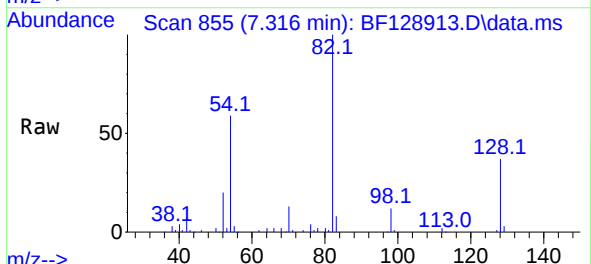
Instrument :
BNA_F
ClientSampleId :
SC-13SDL

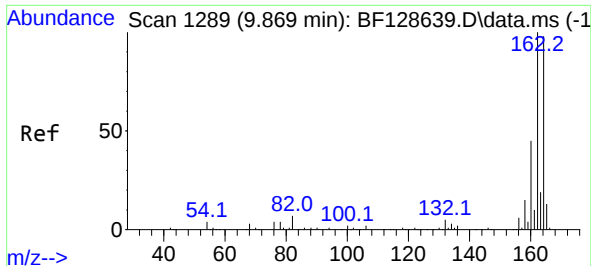
Tgt Ion: 82 Resp: 48595
Ion Ratio Lower Upper
82 100
128 37.4 34.0 51.0
54 58.8 46.9 70.3



#25
Isophorone
Concen: 3.55 ng
RT: 7.316 min Scan# 855
Delta R.T. -0.271 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

Tgt Ion: 82 Resp: 48470
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: BF128913.D

Acq: 21 Jun 2022 22:53

Instrument :

BNA_F

ClientSampleId :

SC-13SDL

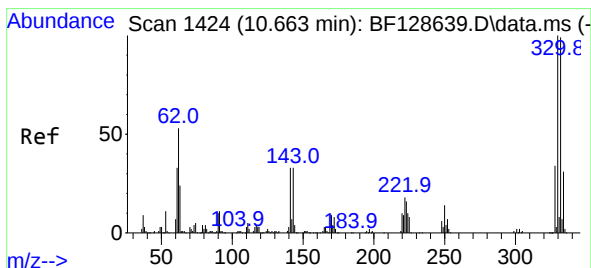
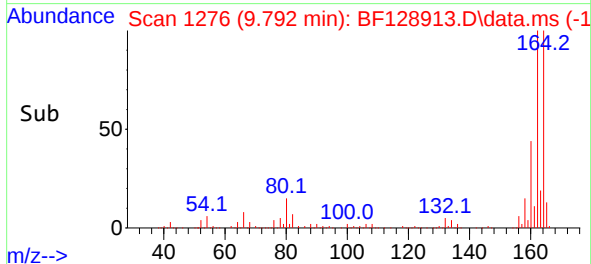
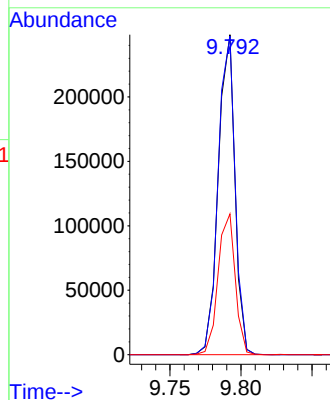
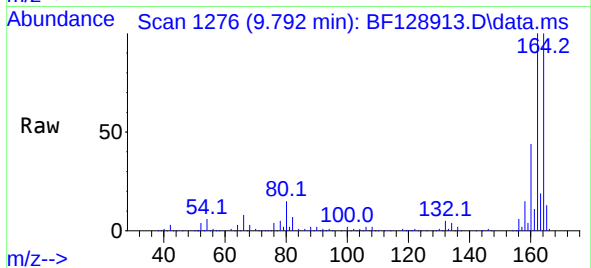
Tgt Ion:164 Resp: 202314

Ion Ratio Lower Upper

164 100

162 99.6 79.5 119.3

160 44.0 34.2 51.4



#42

2,4,6-Tribromophenol

Concen: 0.72 ng

RT: 10.586 min Scan# 1411

Delta R.T. 0.000 min

Lab File: BF128913.D

Acq: 21 Jun 2022 22:53

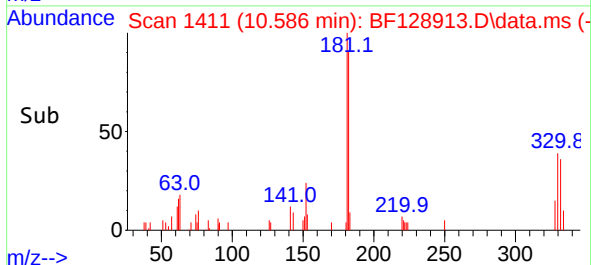
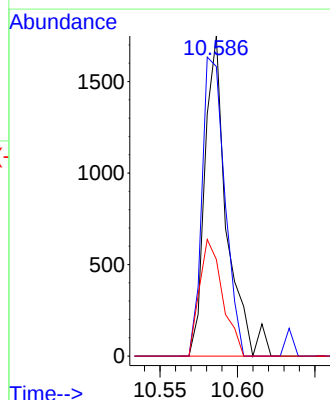
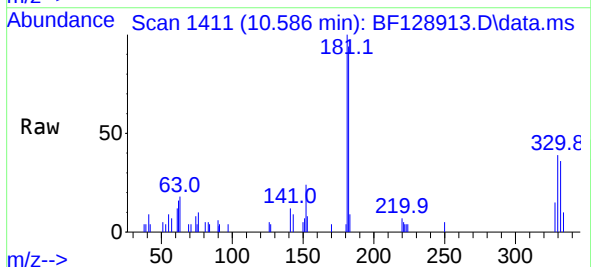
Tgt Ion:330 Resp: 1712

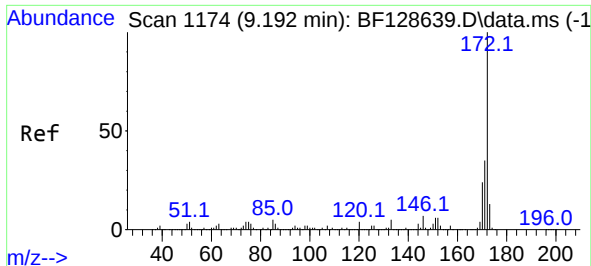
Ion Ratio Lower Upper

330 100

332 97.2 76.8 115.2

141 38.7 28.0 42.0





#45

2-Fluorobiphenyl

Concen: 6.68 ng

RT: 9.110 min Scan# 1160

Delta R.T. -0.006 min

Lab File: BF128913.D

Acq: 21 Jun 2022 22:53

Instrument :

BNA_F

ClientSampleId :

SC-13SDL

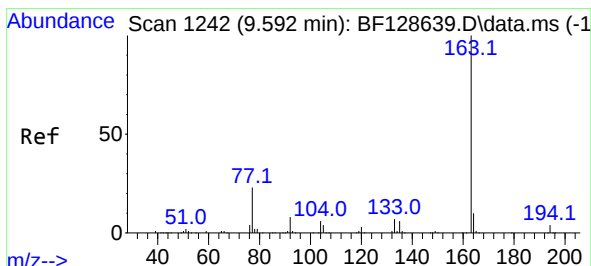
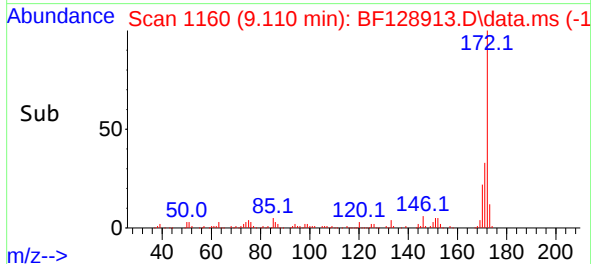
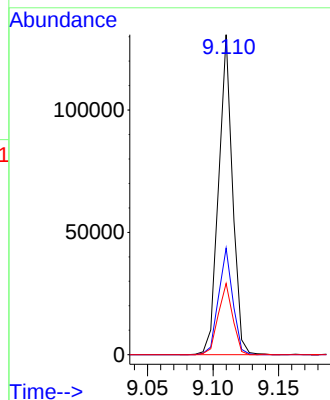
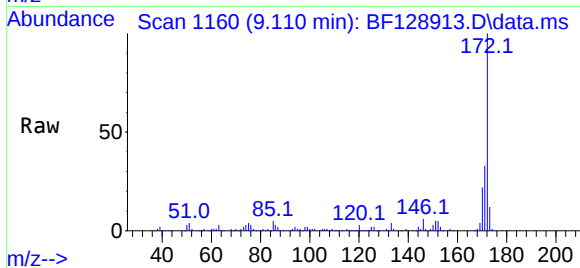
Tgt Ion:172 Resp: 96490

Ion Ratio Lower Upper

172 100

171 33.3 28.8 43.2

170 22.3 19.8 29.8



#50

Dimethylphthalate

Concen: 2.77 ng

RT: 9.792 min Scan# 1276

Delta R.T. 0.271 min

Lab File: BF128913.D

Acq: 21 Jun 2022 22:53

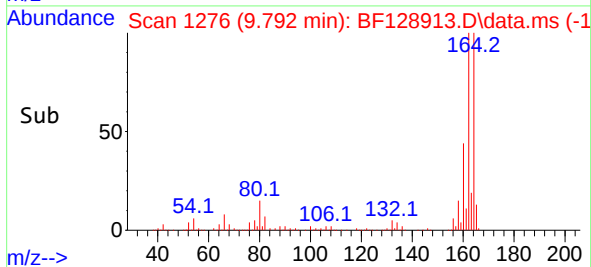
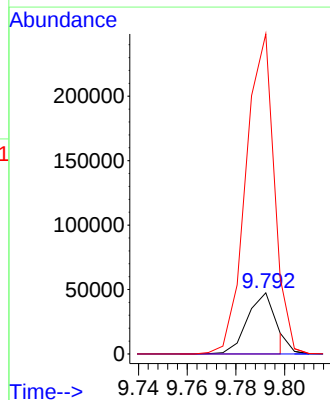
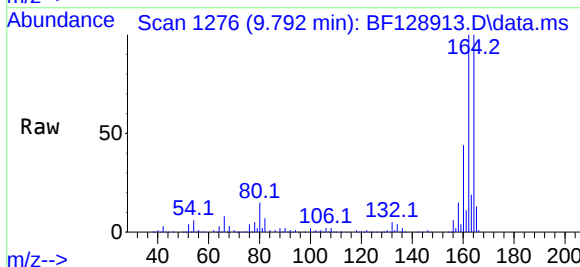
Tgt Ion:163 Resp: 38293

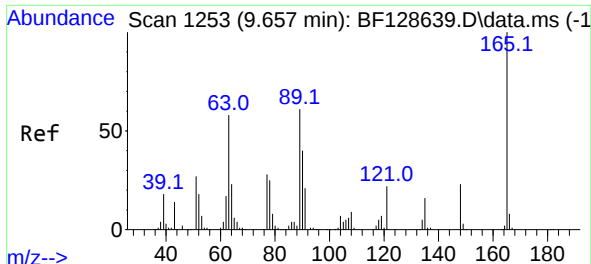
Ion Ratio Lower Upper

163 100

194 0.0 3.2 4.8#

164 523.6 8.2 12.2#

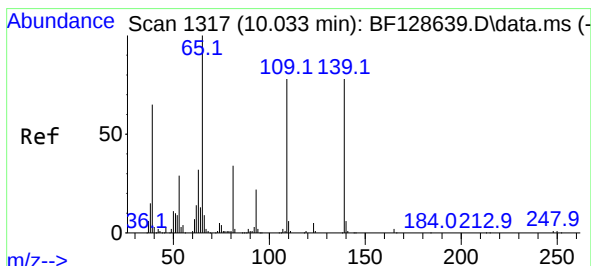
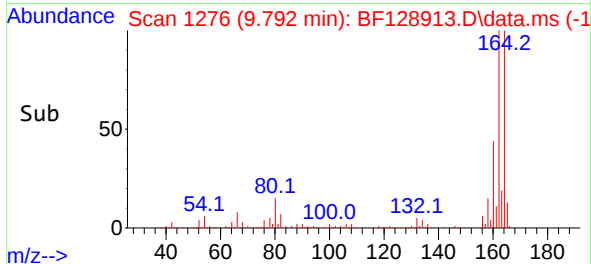
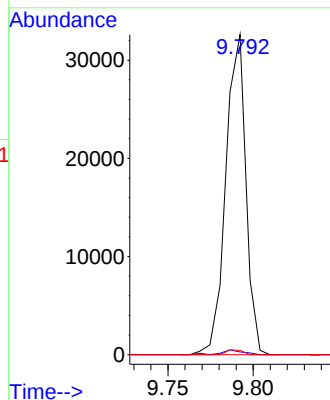
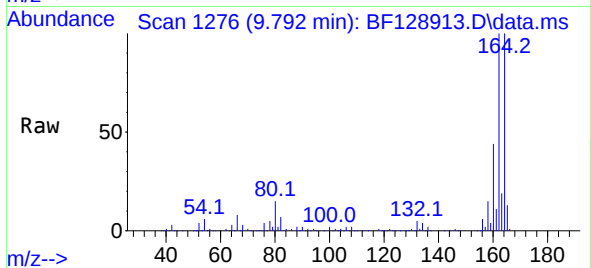




#51
2,6-Dinitrotoluene
Concen: 9.78 ng
RT: 9.792 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

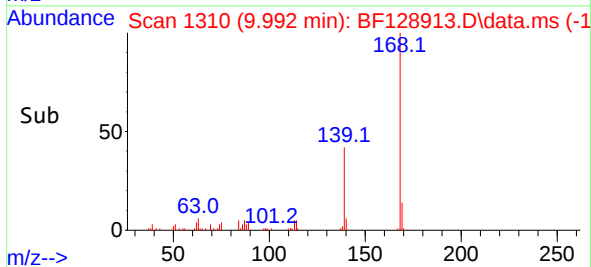
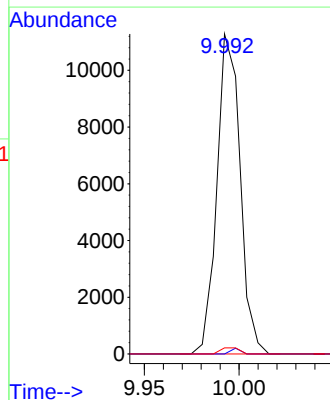
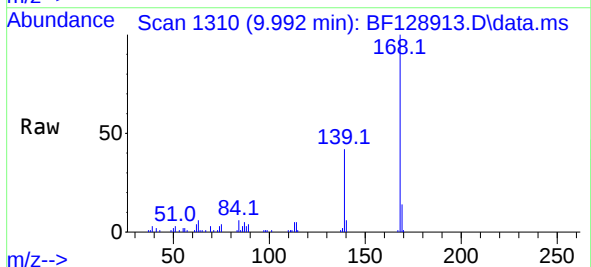
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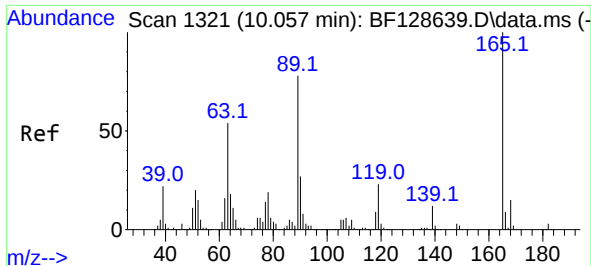
Tgt Ion:165 Resp: 26743
Ion Ratio Lower Upper
165 100
63 0.8 44.9 67.3#
89 1.4 43.6 65.4#



#56
4-Nitrophenol
Concen: 4.47 ng
RT: 9.992 min Scan# 1310
Delta R.T. 0.041 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

Tgt Ion:139 Resp: 9618
Ion Ratio Lower Upper
139 100
109 0.0 50.7 90.7#
65 1.9 74.5 114.5#

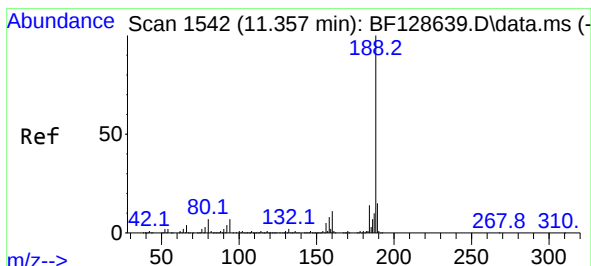
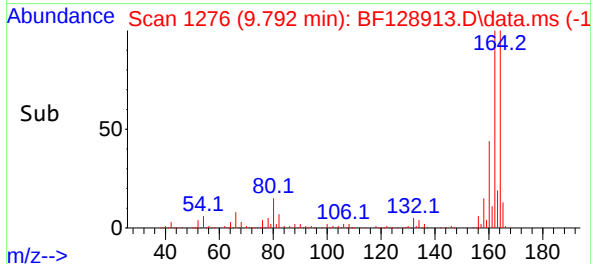
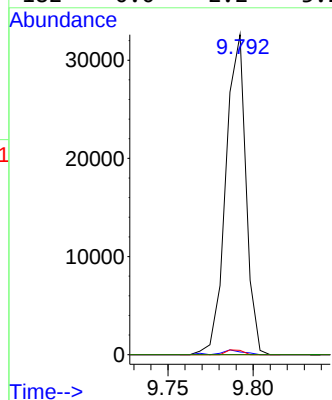
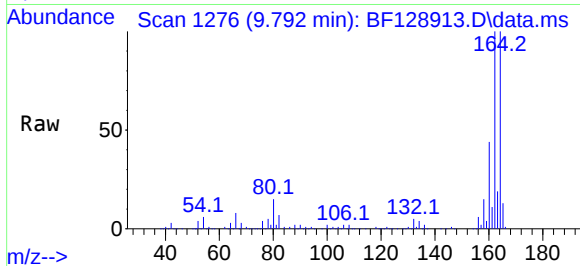




#57
2,4-Dinitrotoluene
Concen: 7.33 ng
RT: 9.792 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

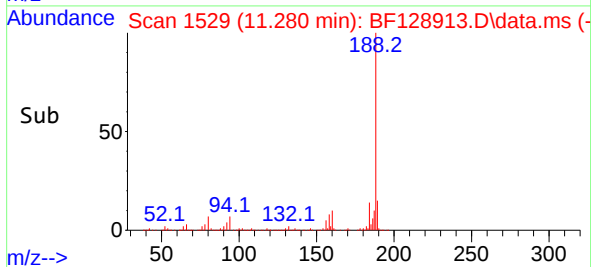
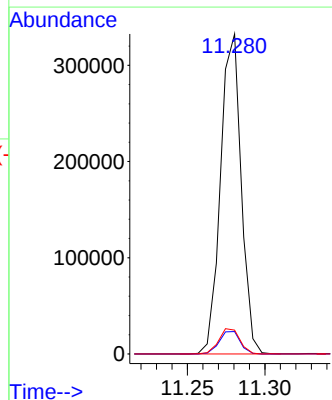
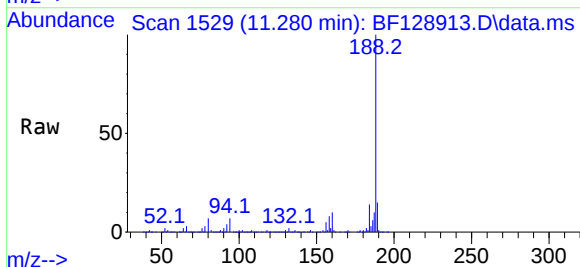
Instrument :
BNA_F
ClientSampleId :
SC-13SDL

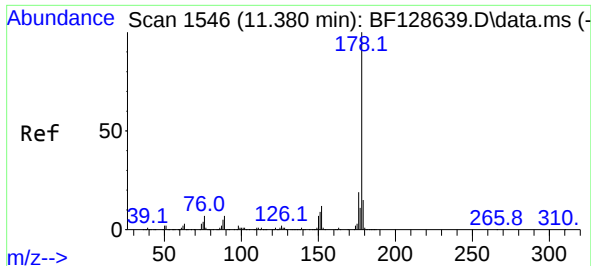
Tgt Ion:165 Resp: 26743
Ion Ratio Lower Upper
165 100
63 0.8 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#



#64
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.280 min Scan# 1529
Delta R.T. 0.000 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

Tgt Ion:188 Resp: 308230
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6#
80 7.5 7.6 11.4#

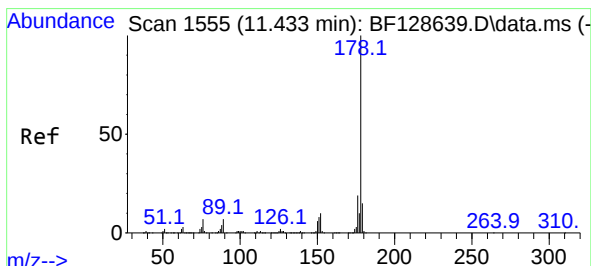
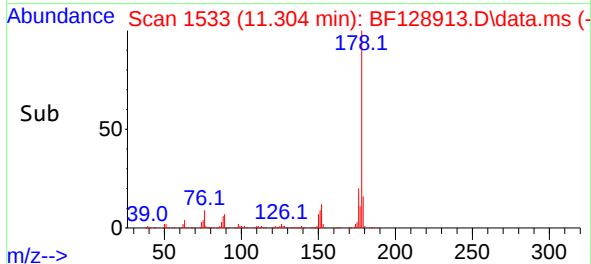
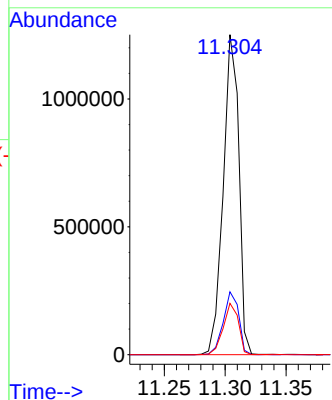
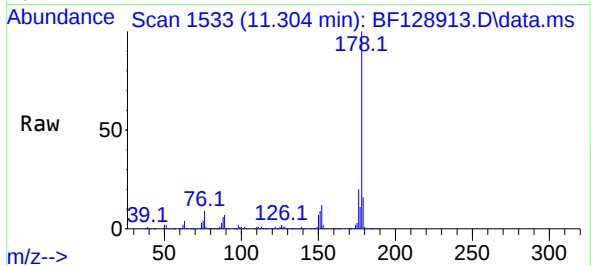




#71
Phenanthrene
Concen: 72.26 ng
RT: 11.304 min Scan# 1533
Delta R.T. -0.006 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

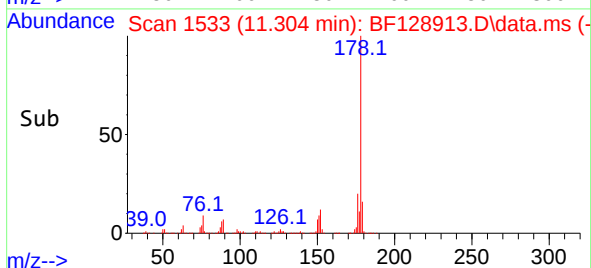
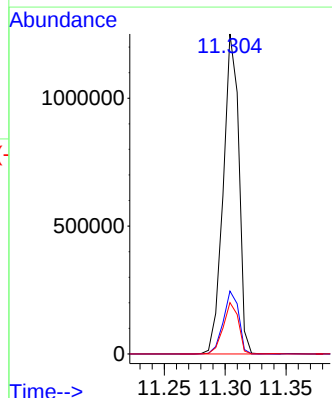
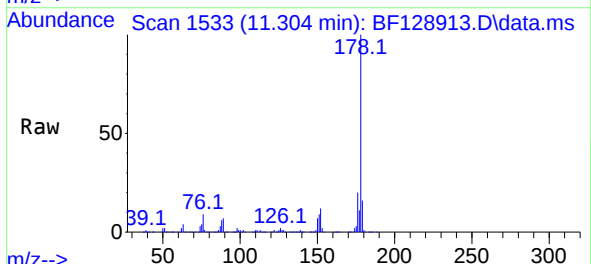
Instrument :
BNA_F
ClientSampleId :
SC-13SDL

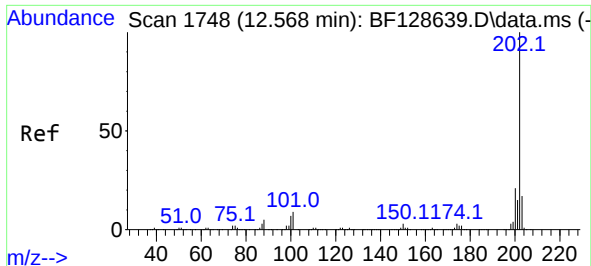
Tgt Ion:178 Resp: 1117202
Ion Ratio Lower Upper
178 100
176 19.6 16.0 24.0
179 16.0 12.6 19.0



#72
Anthracene
Concen: 73.01 ng
RT: 11.304 min Scan# 1533
Delta R.T. -0.053 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

Tgt Ion:178 Resp: 1117202
Ion Ratio Lower Upper
178 100
176 19.6 15.4 23.2
179 16.0 12.6 19.0

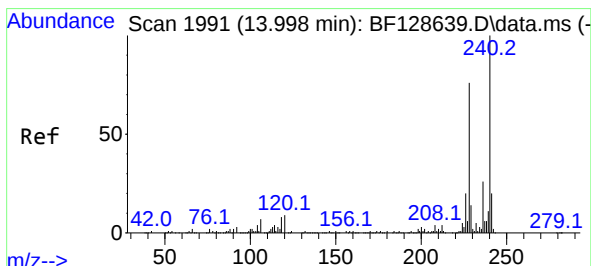
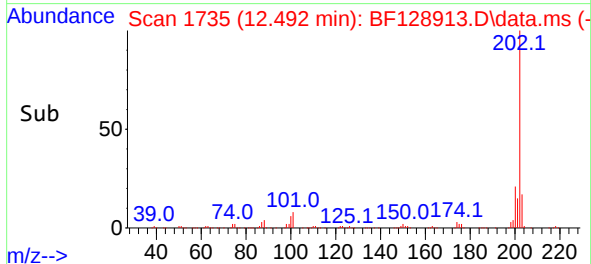
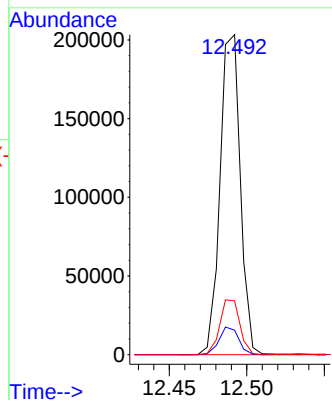
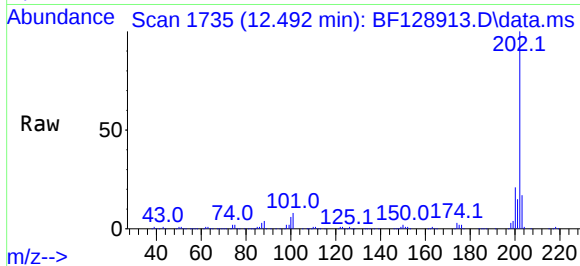




#75
Fluoranthene
Concen: 11.46 ng
RT: 12.492 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

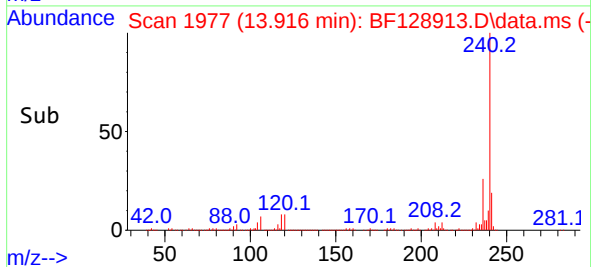
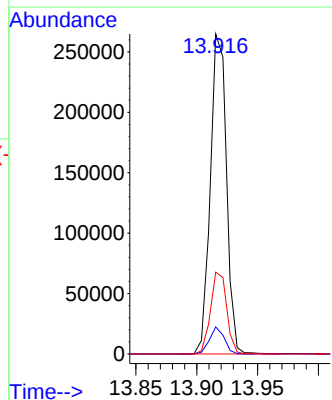
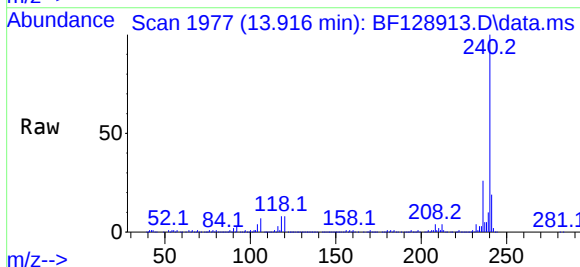
Instrument :
BNA_F
ClientSampleId :
SC-13SDL

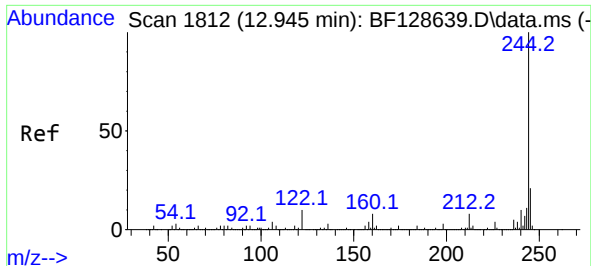
Tgt Ion:202 Resp: 185243
Ion Ratio Lower Upper
202 100
101 7.7 0.0 31.4
203 16.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.00 ng
RT: 13.916 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

Tgt Ion:240 Resp: 243771
Ion Ratio Lower Upper
240 100
120 8.4 8.9 13.3#
236 25.6 20.8 31.2

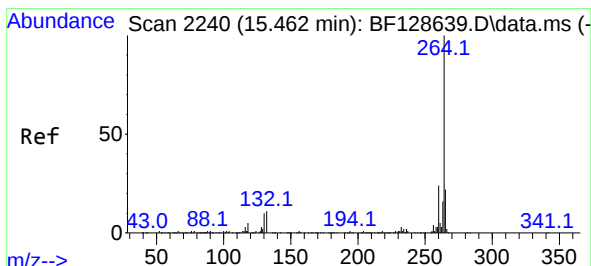
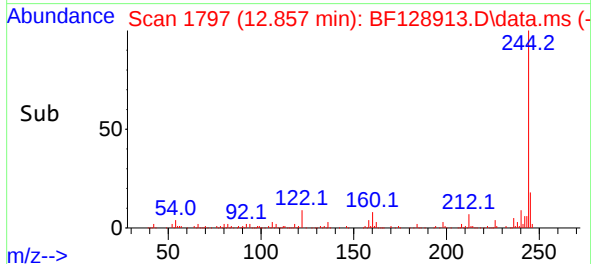
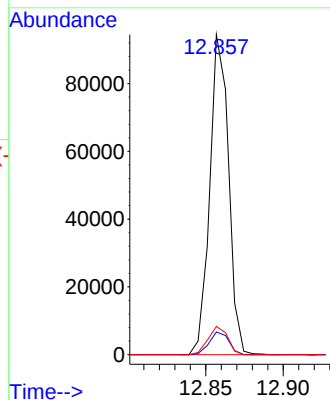
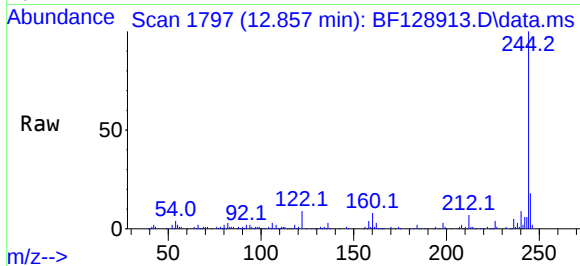




#79
 Terphenyl-d14
 Concen: 5.67 ng
 RT: 12.857 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128913.D
 Acq: 21 Jun 2022 22:53

Instrument :
 BNA_F
 ClientSampleId :
 SC-13SDL

Tgt Ion:244 Resp: 79579
 Ion Ratio Lower Upper
 244 100
 212 7.1 6.1 9.1
 122 8.8 8.8 13.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.363 min Scan# 2223
 Delta R.T. 0.000 min
 Lab File: BF128913.D
 Acq: 21 Jun 2022 22:53

Tgt Ion:264 Resp: 170333
 Ion Ratio Lower Upper
 264 100
 260 22.8 18.4 27.6
 265 22.5 17.2 25.8

