

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)

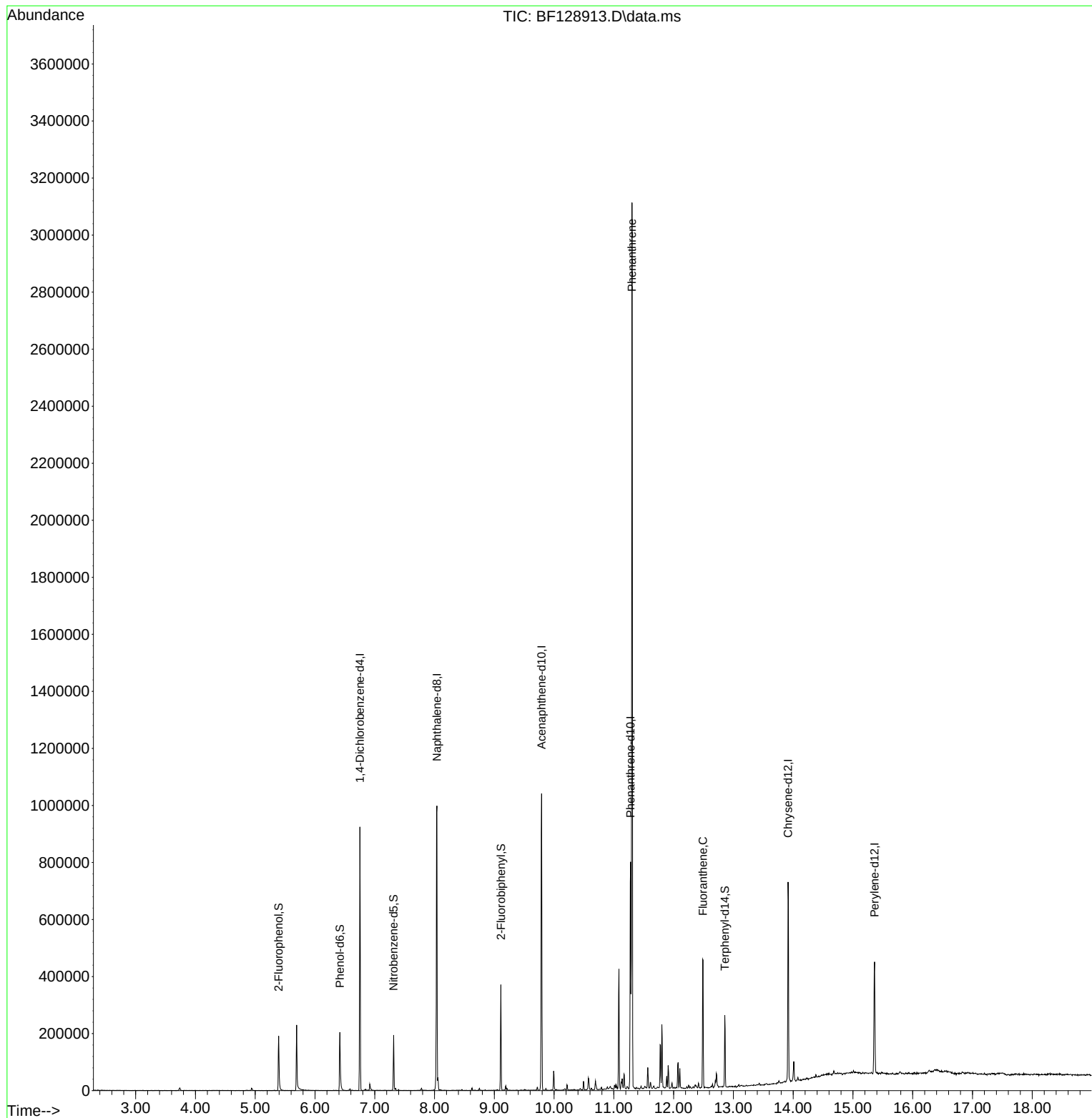
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.751	152	114941	20.000	ng	0.00
21) Naphthalene-d8	8.039	136	418457	20.000	ng	# 0.00
39) Acenaphthene-d10	9.792	164	202314	20.000	ng	0.00
64) Phenanthrene-d10	11.280	188	308230	20.000	ng	# 0.00
76) Chrysene-d12	13.916	240	243771	20.000	ng	#-0.01
86) Perylene-d12	15.363	264	170333	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.393	112	48966	6.786	ng	0.00
7) Phenol-d6	6.416	99	68334	7.758	ng	0.00
23) Nitrobenzene-d5	7.316	82	48595	5.407	ng	-0.01
42) 2,4,6-Tribromophenol	10.586	330	1712	0.716	ng	0.00
45) 2-Fluorobiphenyl	9.110	172	96490	6.681	ng	0.00
79) Terphenyl-d14	12.857	244	79579	5.673	ng	-0.01
Target Compounds						
						Qvalue
71) Phenanthrene	11.304	178	1117202	72.263	ng	99
75) Fluoranthene	12.492	202	185243	11.463	ng	95

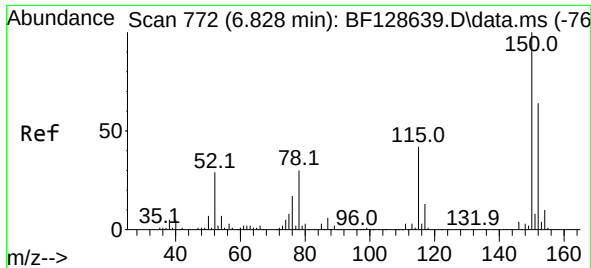
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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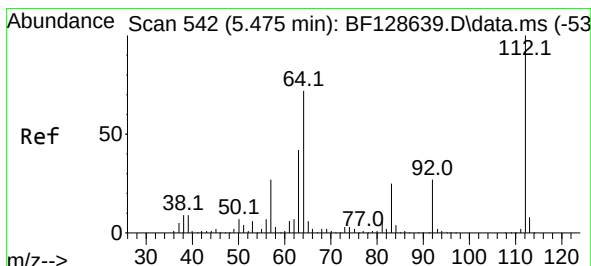
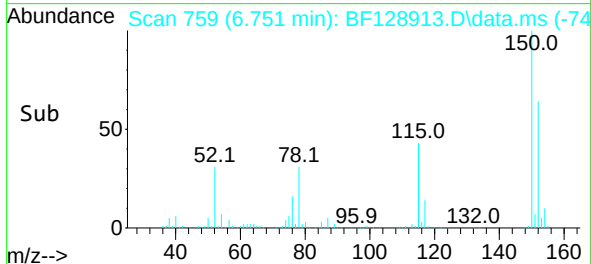
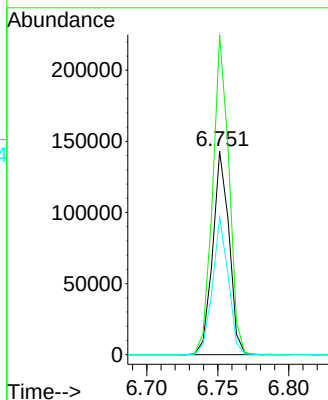
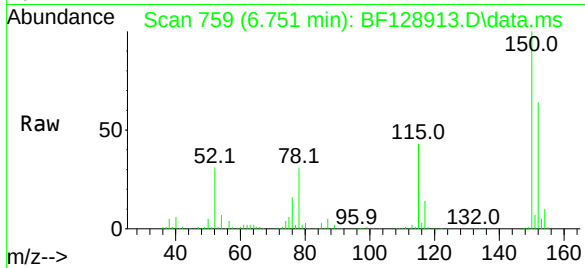




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.751 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

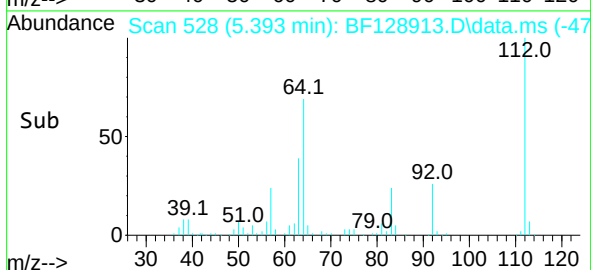
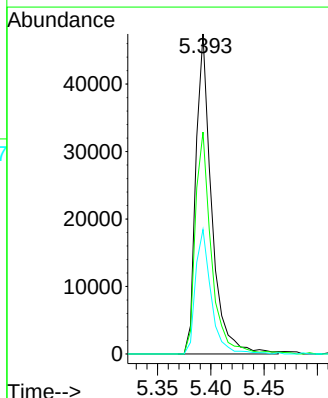
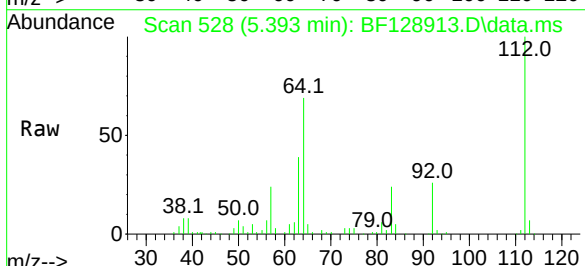
Instrument :
BNA_F
ClientSampleId :
SC-13SDL

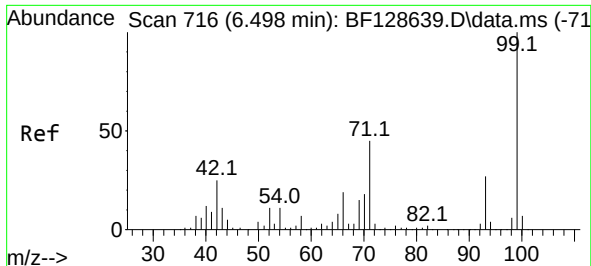
Tgt Ion:152 Resp: 114941
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 67.7 49.9 74.9



#5
2-Fluorophenol
Concen: 6.786 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

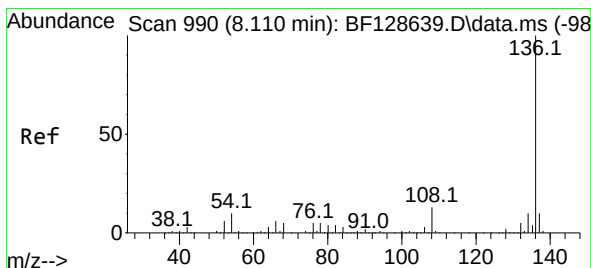
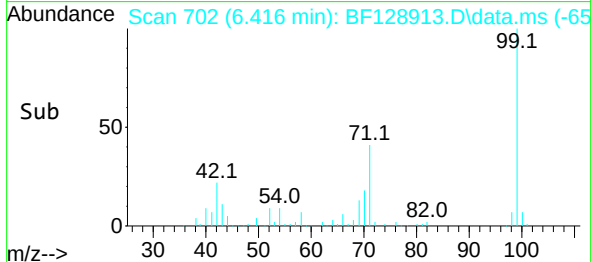
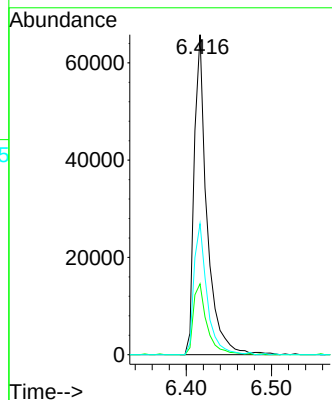
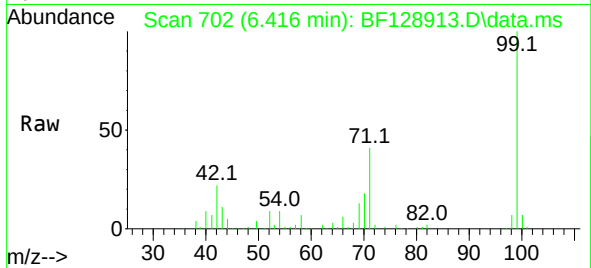




#7
Phenol-d6
Concen: 7.758 ng
RT: 6.416 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

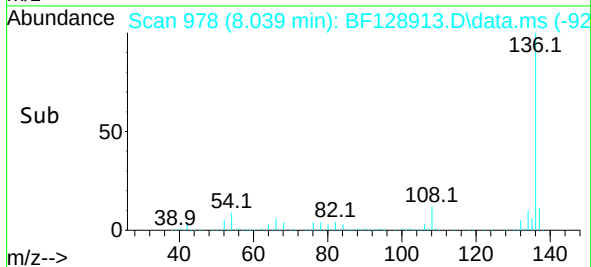
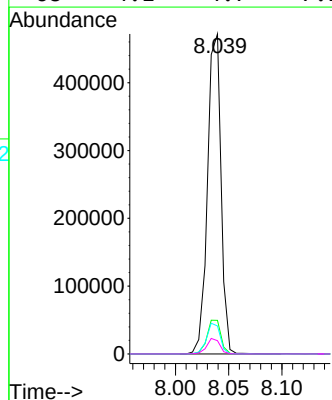
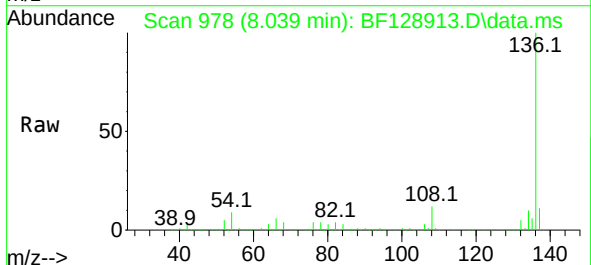
Instrument :
BNA_F
ClientSampleId :
SC-13SDL

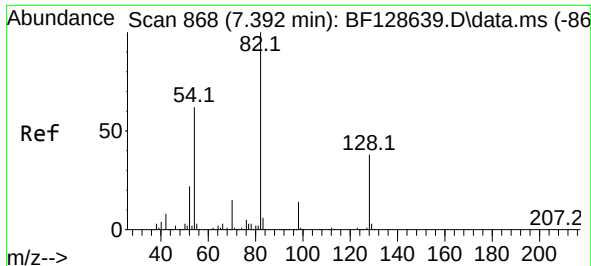
Tgt Ion: 99 Resp: 68334
Ion Ratio Lower Upper
99 100
42 22.2 17.3 25.9
71 40.9 28.9 43.3



#21
Naphthalene-d8
Concen: 20.000 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: 5.407 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

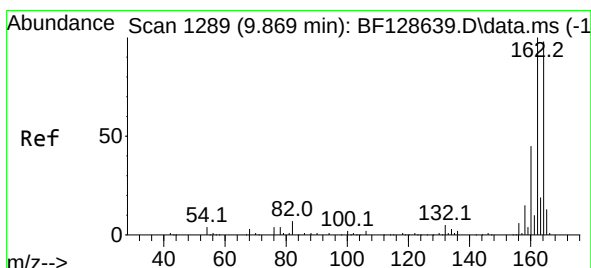
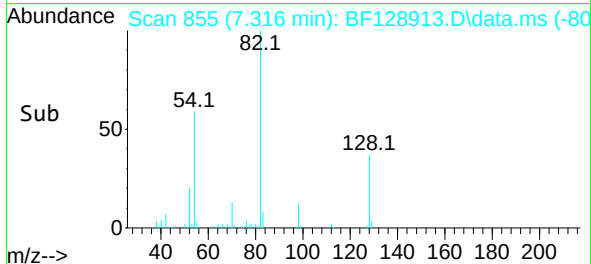
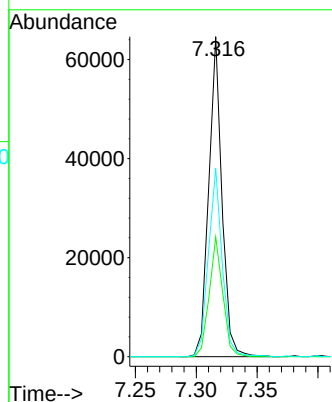
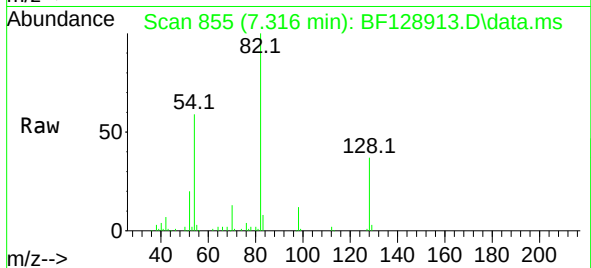
Tgt Ion: 82 Resp: 48595

Ion Ratio Lower Upper

82 100

128 37.4 34.0 51.0

54 58.8 46.9 70.3



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.792 min Scan# 1276

Delta R.T. 0.000 min

Lab File: BF128913.D

Acq: 21 Jun 2022 22:53

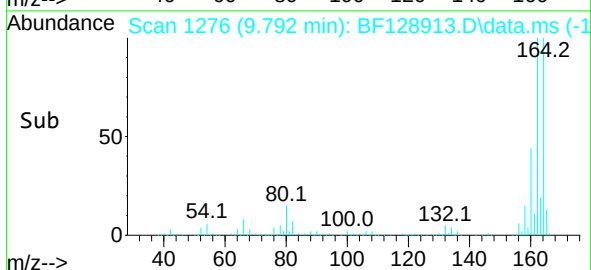
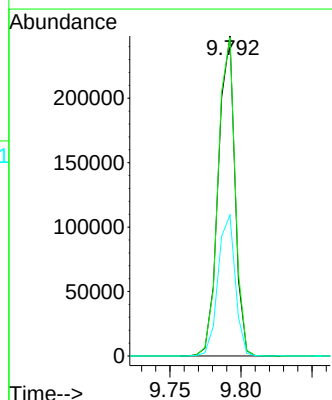
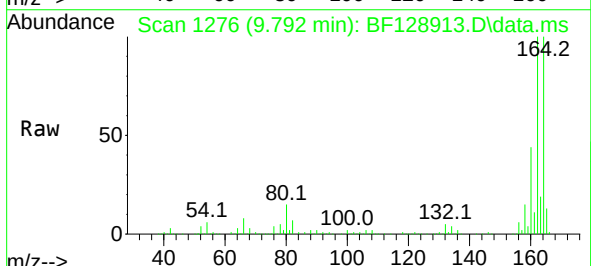
Tgt Ion: 164 Resp: 202314

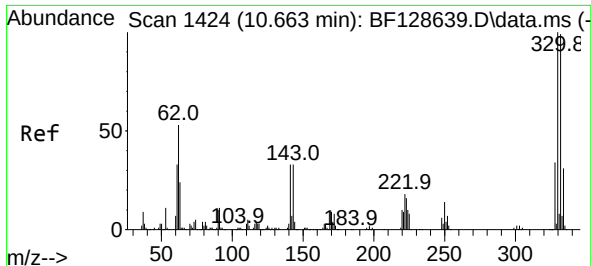
Ion Ratio Lower Upper

164 100

162 99.6 79.5 119.3

160 44.0 34.2 51.4

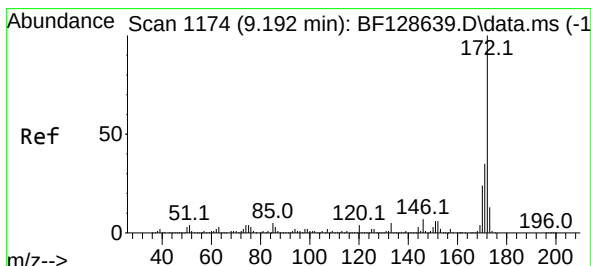
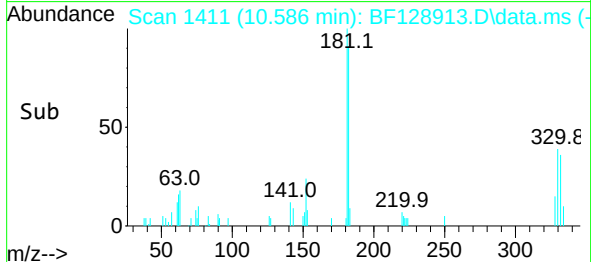
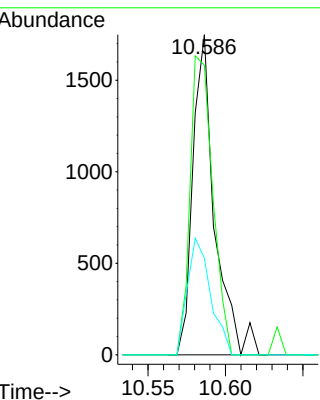
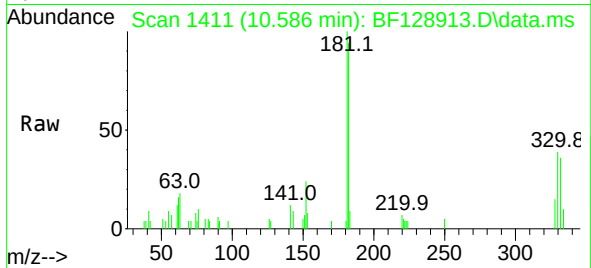




#42
2,4,6-Tribromophenol
Concen: 0.716 ng
RT: 10.586 min Scan# 1424
Delta R.T. 0.000 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

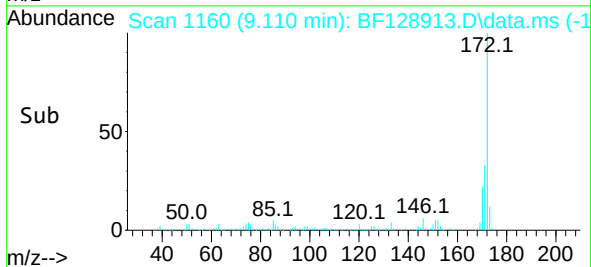
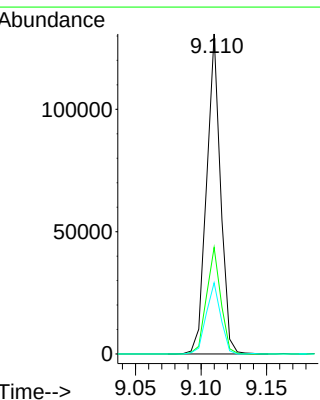
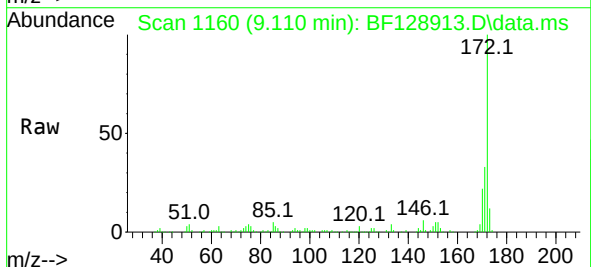
Instrument :
BNA_F
ClientSampleId :
SC-13SDL

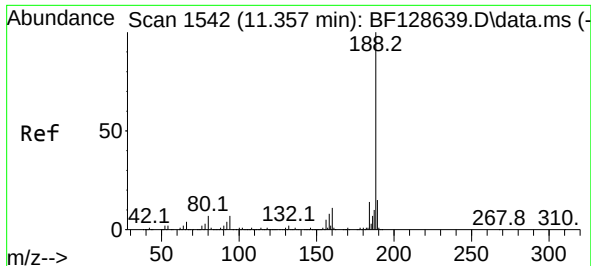
Tgt Ion:330 Resp: 1712
Ion Ratio Lower Upper
330 100
332 97.2 76.8 115.2
141 38.7 28.0 42.0



#45
2-Fluorobiphenyl
Concen: 6.681 ng
RT: 9.110 min Scan# 1160
Delta R.T. -0.006 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

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

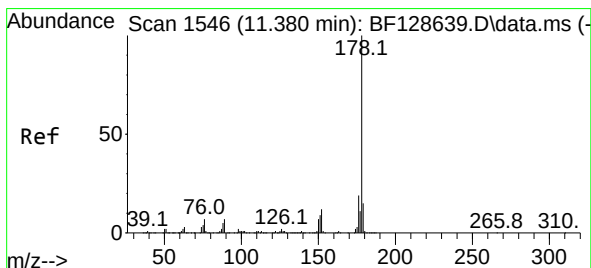
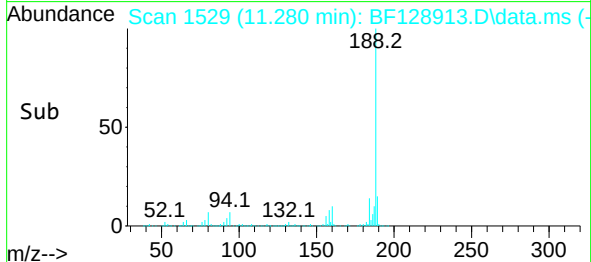
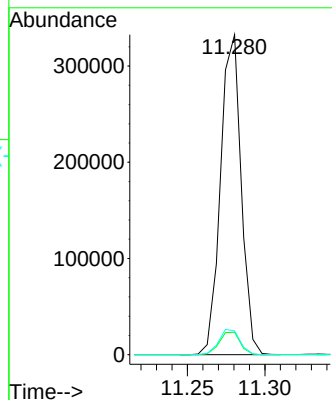
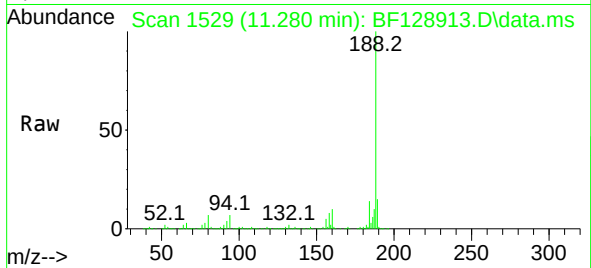




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.280 min Scan# 1532
Delta R.T. 0.000 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

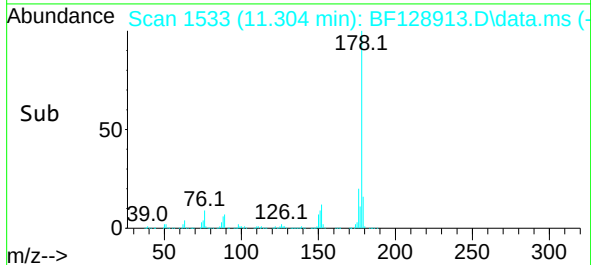
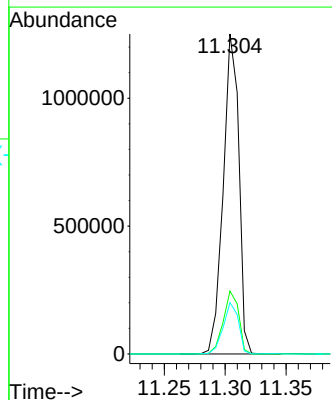
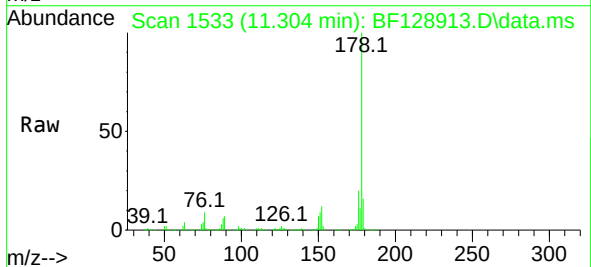
Instrument :
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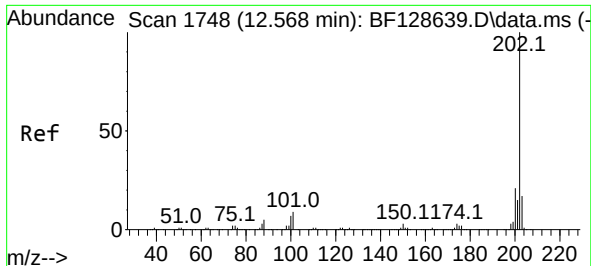
Tgt Ion:188 Resp: 308230
Ion Ratio Lower Upper
188 100
94 7.0 7.0 10.6#
80 7.5 7.6 11.4#



#71
Phenanthrene
Concen: 72.263 ng
RT: 11.304 min Scan# 1533
Delta R.T. -0.006 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 16.0 24.0
179 16.0 12.6 19.0

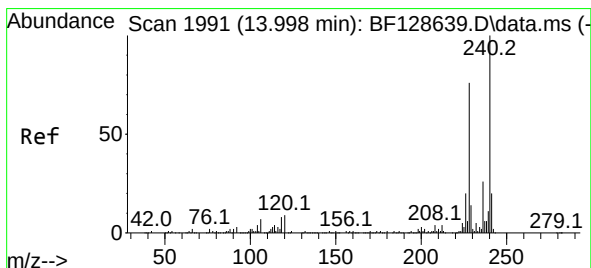
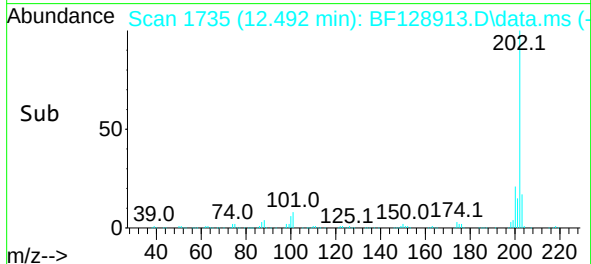
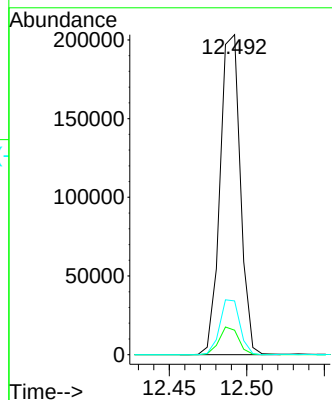
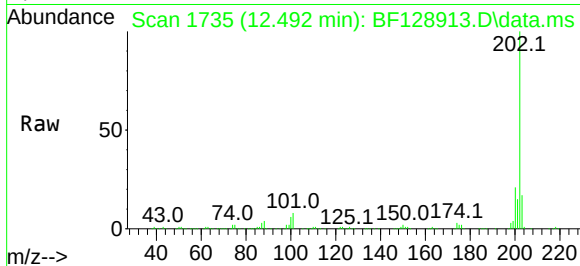




#75
Fluoranthene
Concen: 11.463 ng
RT: 12.492 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

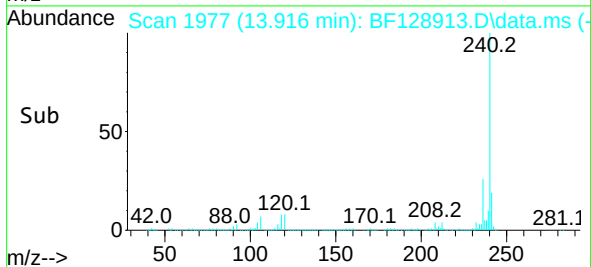
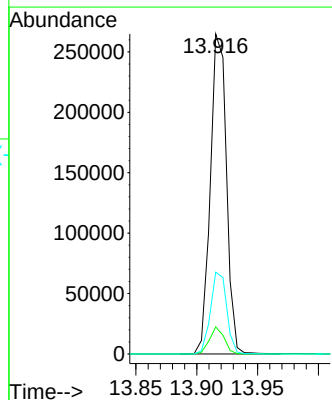
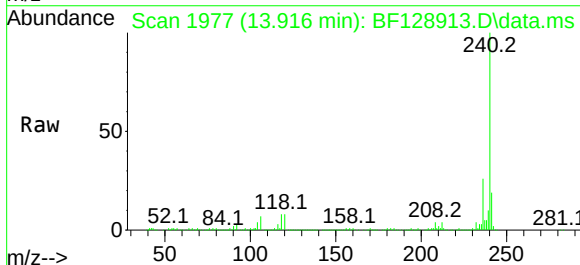
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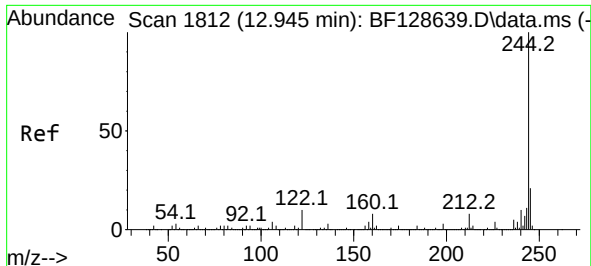
Tgt Ion:202 Resp: 185243
Ion Ratio Lower Upper
202 100
101 7.7 0.0 31.4
203 16.8 0.0 38.0



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.916 min Scan# 1977
Delta R.T. -0.012 min
Lab File: BF128913.D
Acq: 21 Jun 2022 22:53

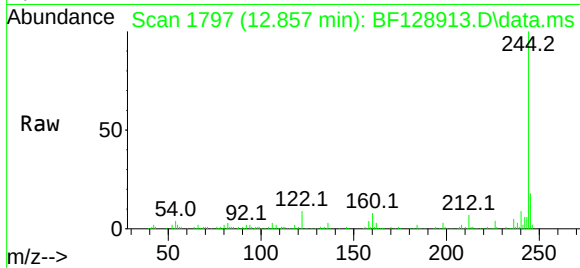
Tgt Ion:240 Resp: 243771
Ion Ratio Lower Upper
240 100
120 8.4 8.9 13.3#
236 25.6 20.8 31.2



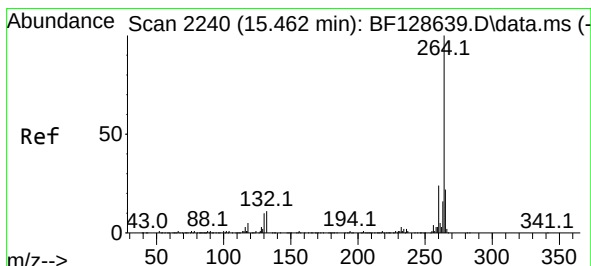
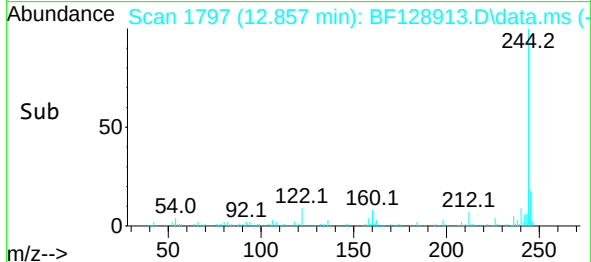
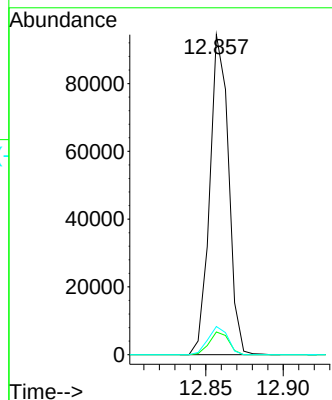


#79
 Terphenyl-d14
 Concen: 5.673 ng
 RT: 12.857 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF128913.D
 Acq: 21 Jun 2022 22:53

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: 20.000 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

