

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091422\
 Data File : BF130261.D
 Acq On : 15 Sep 2022 02:36
 Operator : CG\JU
 Sample : N4551-01
 Misc :
 ALS Vial : 21 Sample Multiplier: 2

Instrument :
 BNA_F
 ClientSampleId :
 251032-1

Quant Time: Sep 15 03:03:12 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 14 14:55:51 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.675	152	214932	40.000	ng	0.00
21) Naphthalene-d8	7.957	136	839507	40.000	ng	0.00
39) Acenaphthene-d10	9.710	164	437759	40.000	ng	0.00
64) Phenanthrene-d10	11.186	188	716723	40.000	ng	0.00
76) Chrysene-d12	13.816	240	719342	40.000	ng	0.00
86) Perylene-d12	15.204	264	314209	40.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.275	112	446520	72.067	ng	0.00
7) Phenol-d6	6.298	99	367269	47.374	ng	-0.02
23) Nitrobenzene-d5	7.245	82	677877	82.505	ng	0.00
42) 2,4,6-Tribromophenol	10.492	330	308224	146.963	ng	0.00
45) 2-Fluorobiphenyl	9.034	172	1221914	81.293	ng	0.00
79) Terphenyl-d14	12.775	244	1978289	91.112	ng	0.00

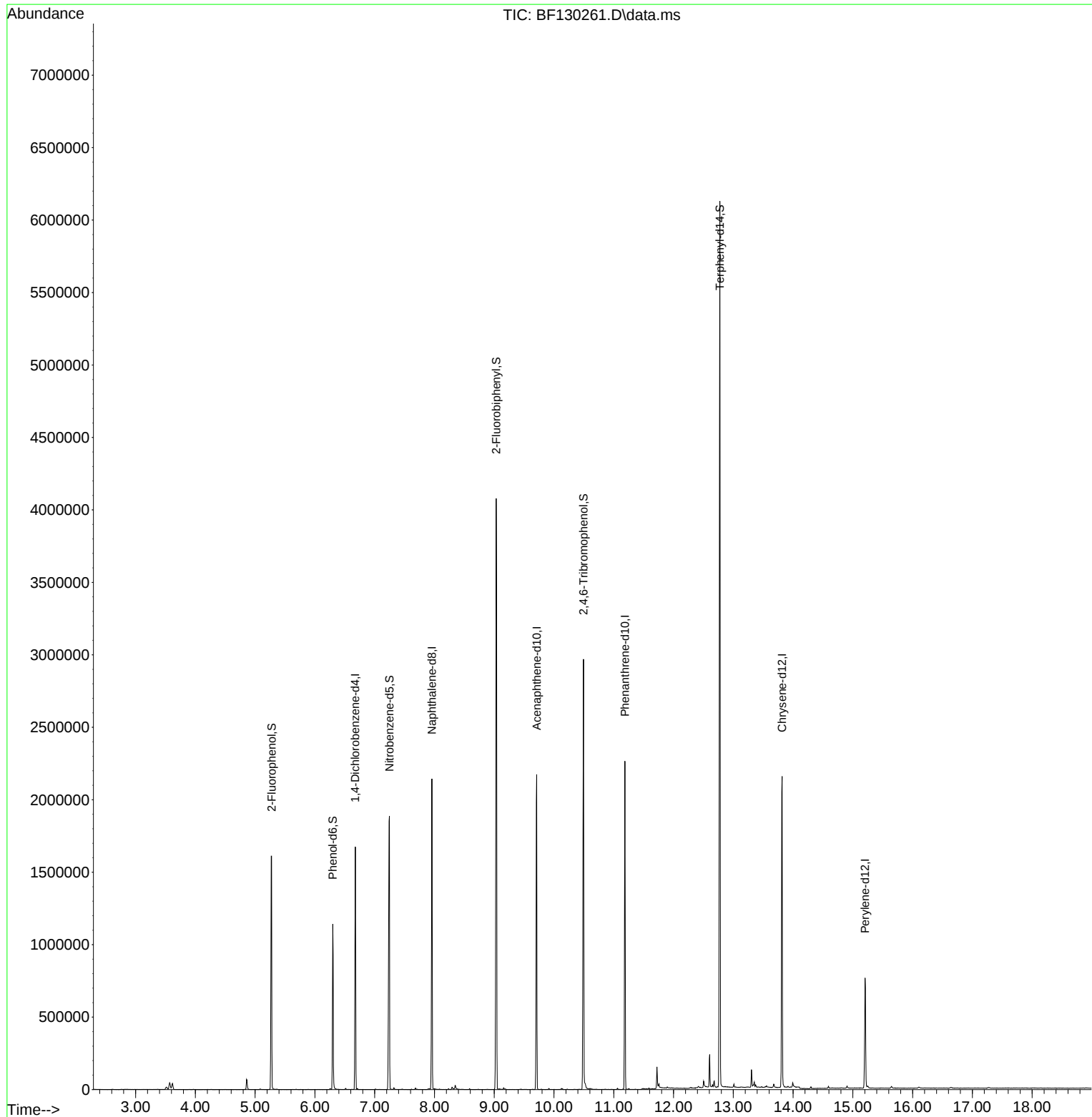
Target Compounds Qvalue

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

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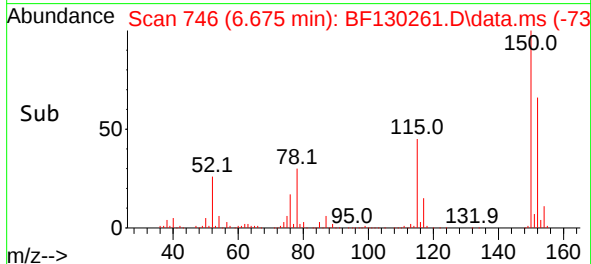
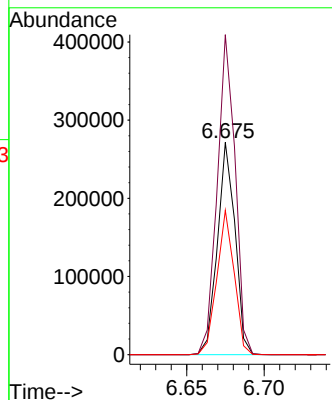
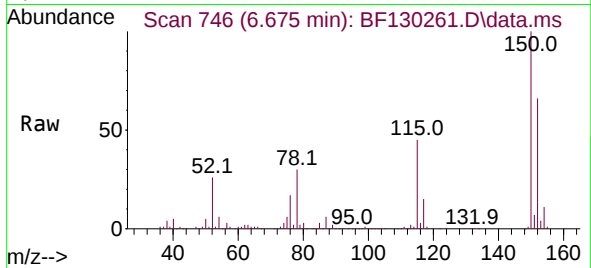




#1
 1,4-Dichlorobenzene-d4
 Concen: 40.000 ng
 RT: 6.675 min Scan# 74
 Delta R.T. -0.006 min
 Lab File: BF130261.D
 Acq: 15 Sep 2022 02:36

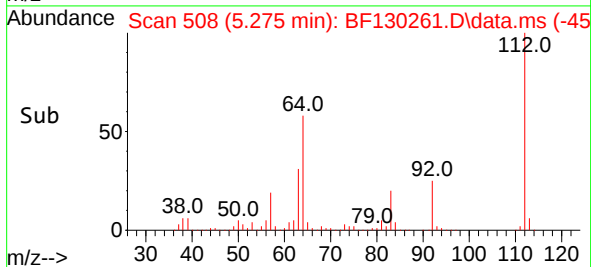
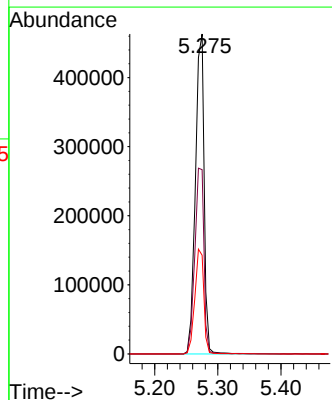
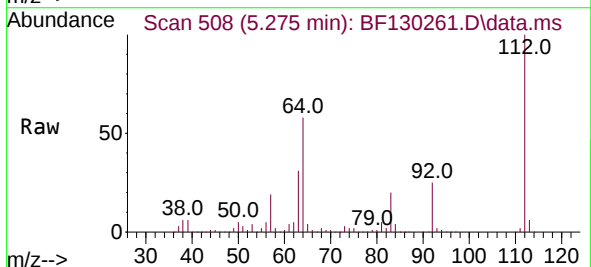
Instrument :
 BNA_F
 ClientSampleId :
 251032-1

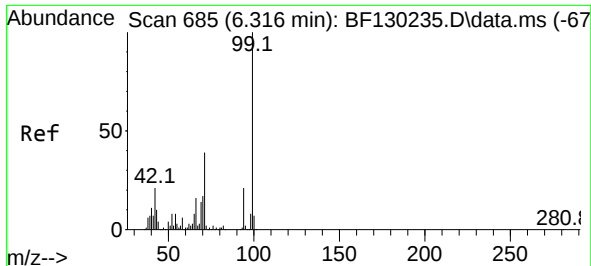
Tgt Ion:152 Resp: 214932
 Ion Ratio Lower Upper
 152 100
 150 150.8 122.8 184.2
 115 68.0 53.8 80.8



#5
 2-Fluorophenol
 Concen: 72.067 ng
 RT: 5.275 min Scan# 508
 Delta R.T. 0.000 min
 Lab File: BF130261.D
 Acq: 15 Sep 2022 02:36

Tgt Ion:112 Resp: 446520
 Ion Ratio Lower Upper
 112 100
 64 57.6 51.4 77.0
 63 30.8 28.8 43.2

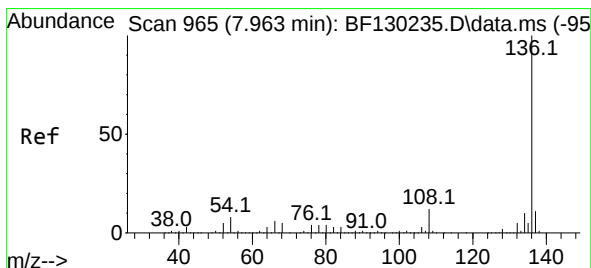
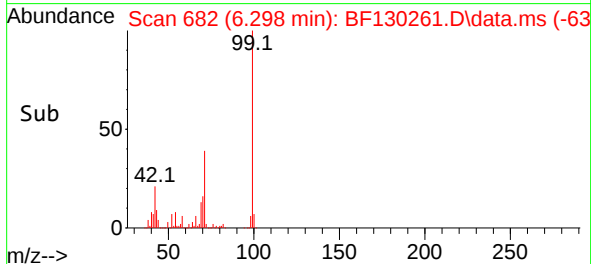
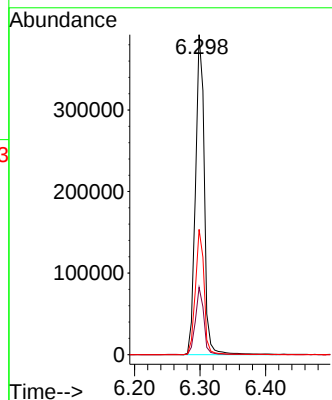
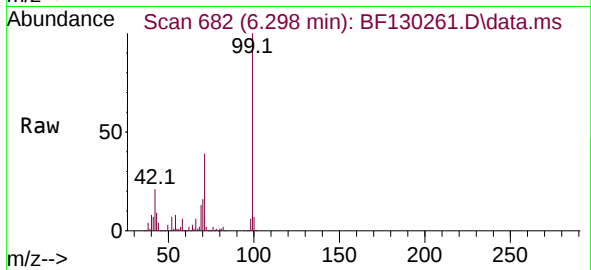




#7
Phenol-d6
Concen: 47.374 ng
RT: 6.298 min Scan# 681
Delta R.T. -0.017 min
Lab File: BF130261.D
Acq: 15 Sep 2022 02:36

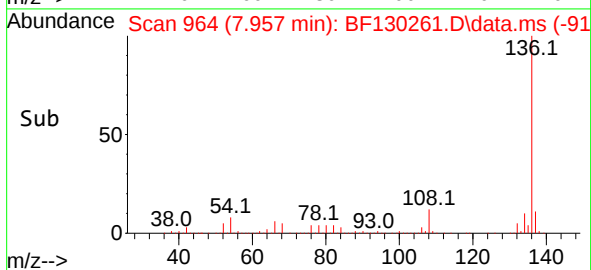
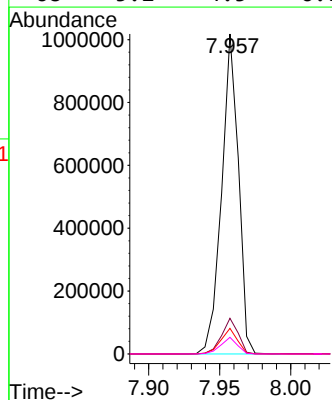
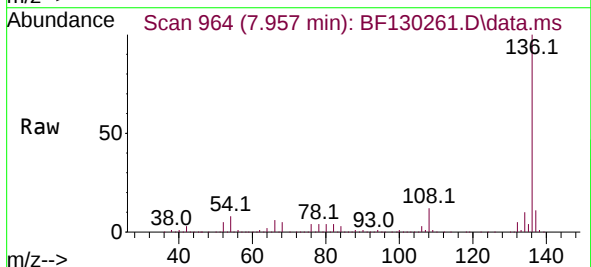
Instrument :
BNA_F
ClientSampleId :
251032-1

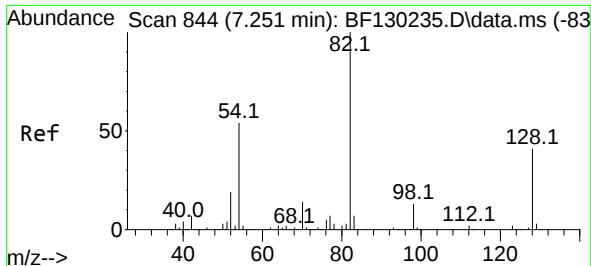
Tgt Ion: 99 Resp: 367269
Ion Ratio Lower Upper
99 100
42 21.0 17.0 25.6
71 39.1 32.3 48.5



#21
Naphthalene-d8
Concen: 40.000 ng
RT: 7.957 min Scan# 964
Delta R.T. -0.006 min
Lab File: BF130261.D
Acq: 15 Sep 2022 02:36

Tgt Ion: 136 Resp: 839507
Ion Ratio Lower Upper
136 100
137 11.1 9.1 13.7
54 8.0 7.1 10.7
68 5.2 4.5 6.7





#23

Nitrobenzene-d5

Concen: 82.505 ng

RT: 7.245 min Scan# 84

Delta R.T. -0.006 min

Lab File: BF130261.D

Acq: 15 Sep 2022 02:36

Instrument :

BNA_F

ClientSampleId :

251032-1

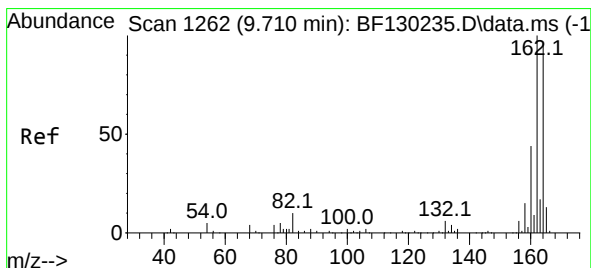
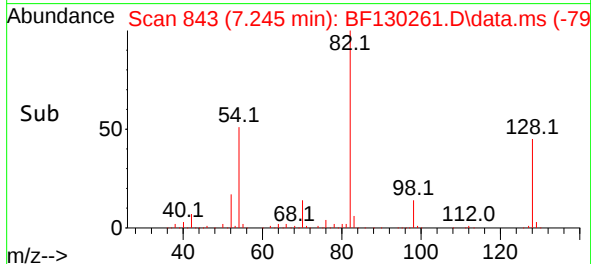
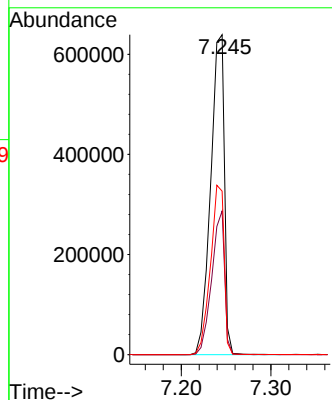
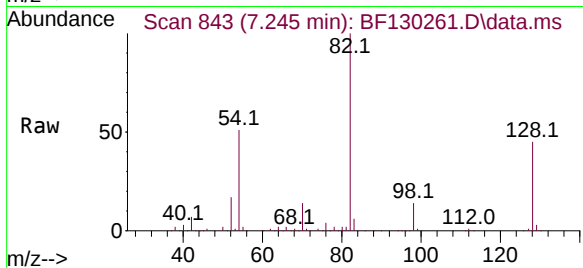
Tgt Ion: 82 Resp: 677877

Ion Ratio Lower Upper

82 100

128 44.9 32.6 49.0

54 51.1 43.8 65.6



#39

Acenaphthene-d10

Concen: 40.000 ng

RT: 9.710 min Scan# 1262

Delta R.T. 0.000 min

Lab File: BF130261.D

Acq: 15 Sep 2022 02:36

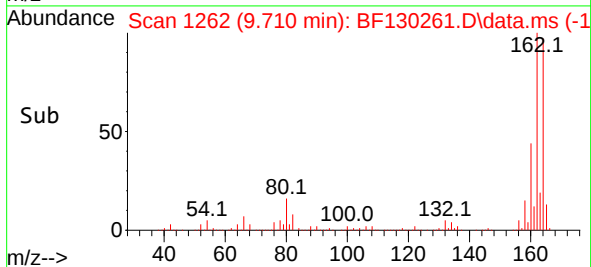
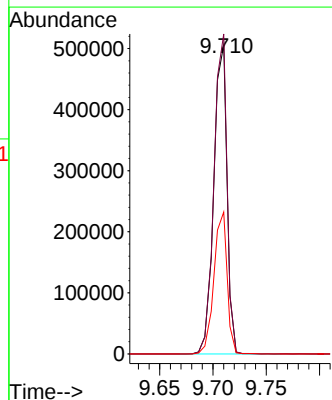
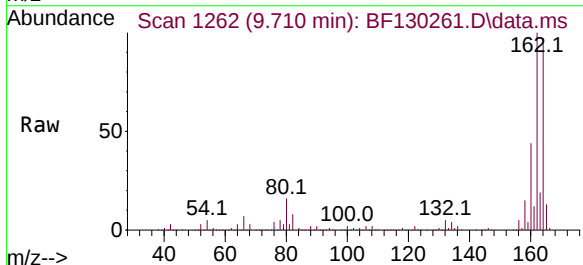
Tgt Ion:164 Resp: 437759

Ion Ratio Lower Upper

164 100

162 103.6 81.4 122.0

160 45.9 36.2 54.4

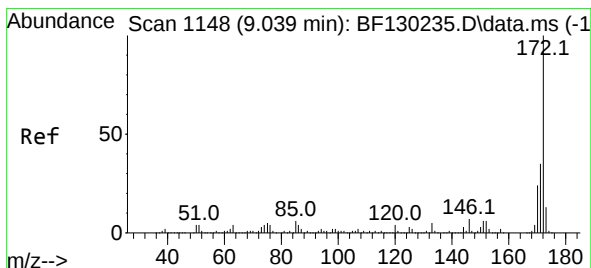
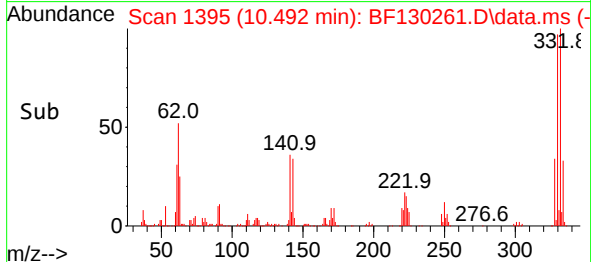
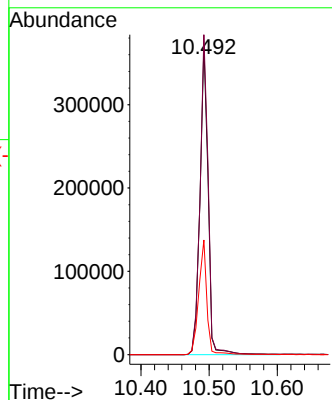
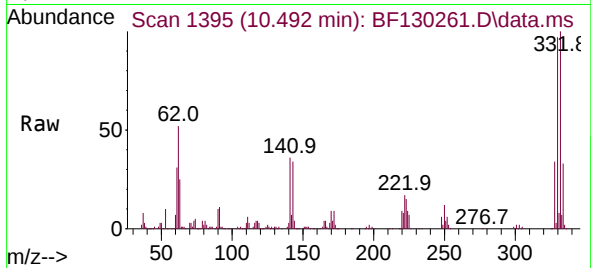




#42
2,4,6-Tribromophenol
Concen: 146.963 ng
RT: 10.492 min Scan# 1396
Delta R.T. -0.006 min
Lab File: BF130261.D
Acq: 15 Sep 2022 02:36

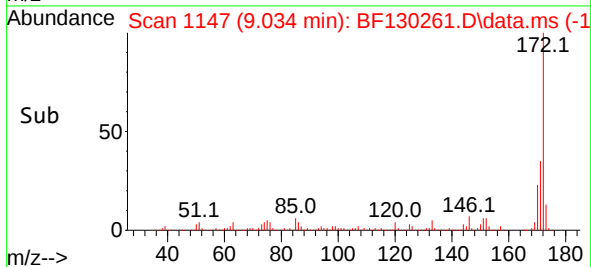
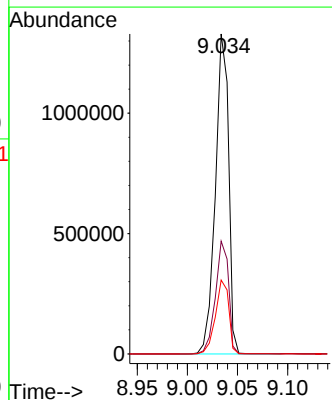
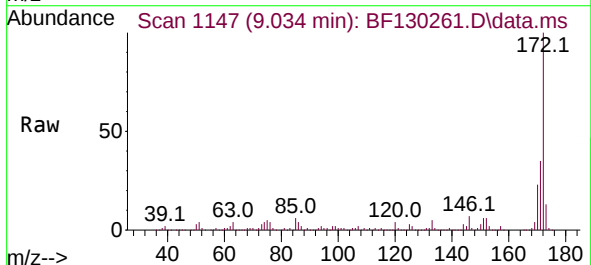
Instrument :
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251032-1

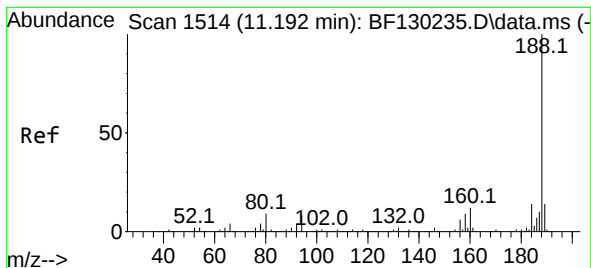
Tgt Ion:330 Resp: 308224
Ion Ratio Lower Upper
330 100
332 103.5 83.4 125.2
141 37.1 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 81.293 ng
RT: 9.034 min Scan# 1147
Delta R.T. -0.006 min
Lab File: BF130261.D
Acq: 15 Sep 2022 02:36

Tgt Ion:172 Resp: 1221914
Ion Ratio Lower Upper
172 100
171 35.2 28.3 42.5
170 23.1 18.7 28.1





#64

Phenanthrene-d10

Concen: 40.000 ng

RT: 11.186 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF130261.D

Acq: 15 Sep 2022 02:36

Instrument :

BNA_F

ClientSampleId :

251032-1

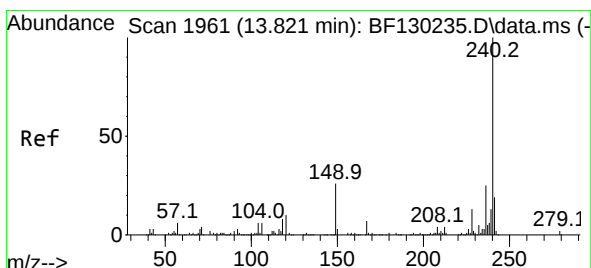
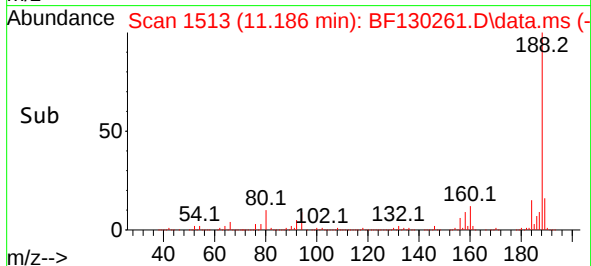
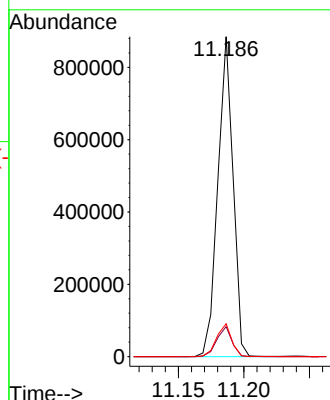
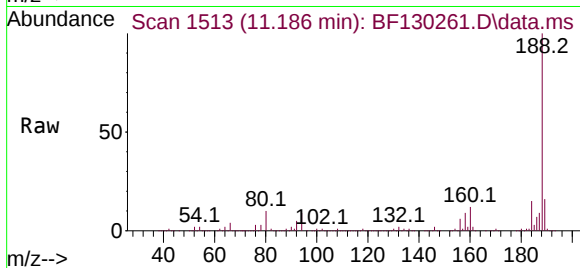
Tgt Ion:188 Resp: 716723

Ion Ratio Lower Upper

188 100

94 9.4 7.4 11.2

80 10.3 7.9 11.9



#76

Chrysene-d12

Concen: 40.000 ng

RT: 13.816 min Scan# 1960

Delta R.T. -0.006 min

Lab File: BF130261.D

Acq: 15 Sep 2022 02:36

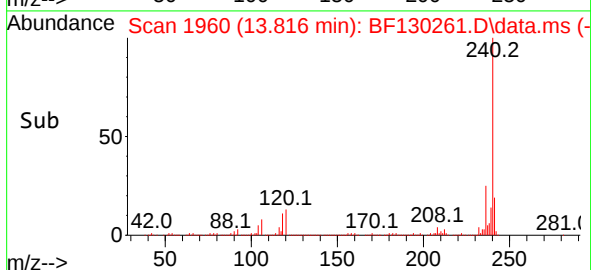
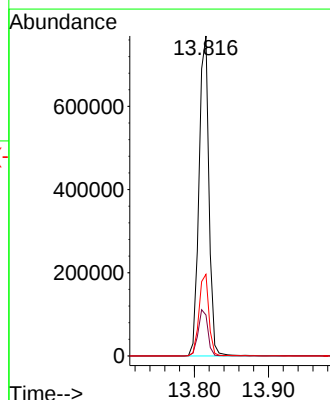
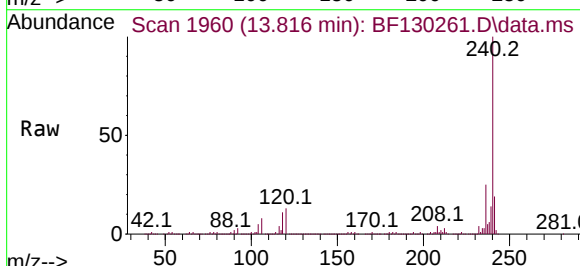
Tgt Ion:240 Resp: 719342

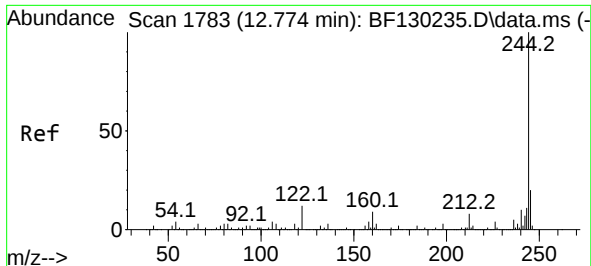
Ion Ratio Lower Upper

240 100

120 12.8 8.7 13.1

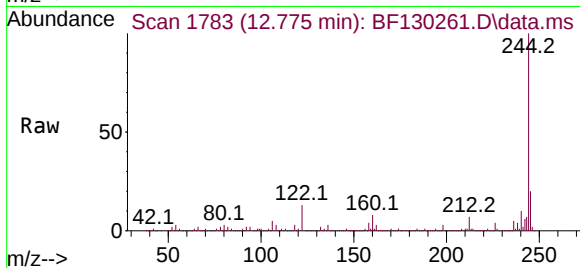
236 25.5 20.9 31.3



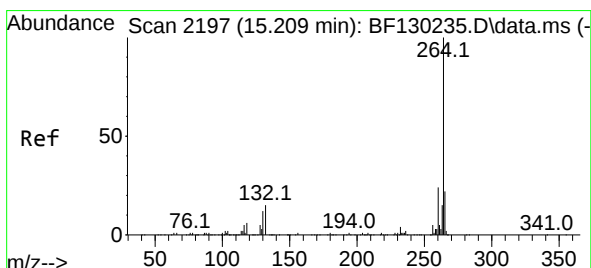
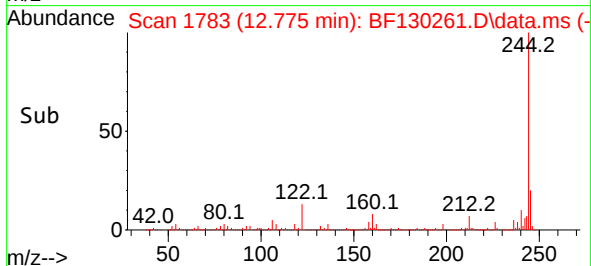
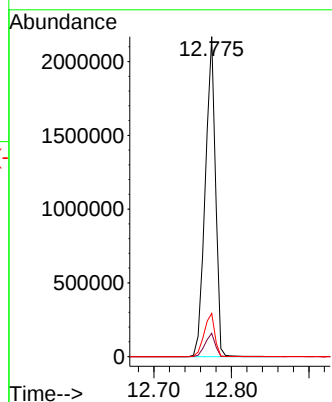


#79
 Terphenyl-d14
 Concen: 91.112 ng
 RT: 12.775 min Scan# 1783
 Delta R.T. 0.000 min
 Lab File: BF130261.D
 Acq: 15 Sep 2022 02:36

Instrument :
 BNA_F
 ClientSampleId :
 251032-1



Tgt Ion:244 Resp: 1978289
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 13.5 8.5 12.7#



#86
 Perylene-d12
 Concen: 40.000 ng
 RT: 15.204 min Scan# 2196
 Delta R.T. -0.006 min
 Lab File: BF130261.D
 Acq: 15 Sep 2022 02:36

Tgt Ion:264 Resp: 314209
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.3 28.9
 265 20.4 17.0 25.4

