

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092622\
 Data File : BF130404.D
 Acq On : 26 Sep 2022 12:39
 Operator : CG\JU
 Sample : N4609-06RE
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DSN003RE

Quant Time: Sep 27 01:04:03 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 27 01:00:47 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.651	152	84619	20.000	ng	0.00
21) Naphthalene-d8	7.933	136	303077	20.000	ng	0.00
39) Acenaphthene-d10	9.686	164	143017	20.000	ng	0.00
64) Phenanthrene-d10	11.168	188	210657	20.000	ng	0.00
76) Chrysene-d12	13.798	240	188542	20.000	ng	0.00
86) Perylene-d12	15.198	264	224899	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.251	112	283690	58.149	ng	0.00
7) Phenol-d6	6.286	99	203672	33.365	ng	0.00
23) Nitrobenzene-d5	7.222	82	512166	86.334	ng	0.00
42) 2,4,6-Tribromophenol	10.474	330	189169	138.042	ng	0.00
45) 2-Fluorobiphenyl	9.016	172	910964	92.754	ng	0.00
79) Terphenyl-d14	12.757	244	693757	60.952	ng	0.00

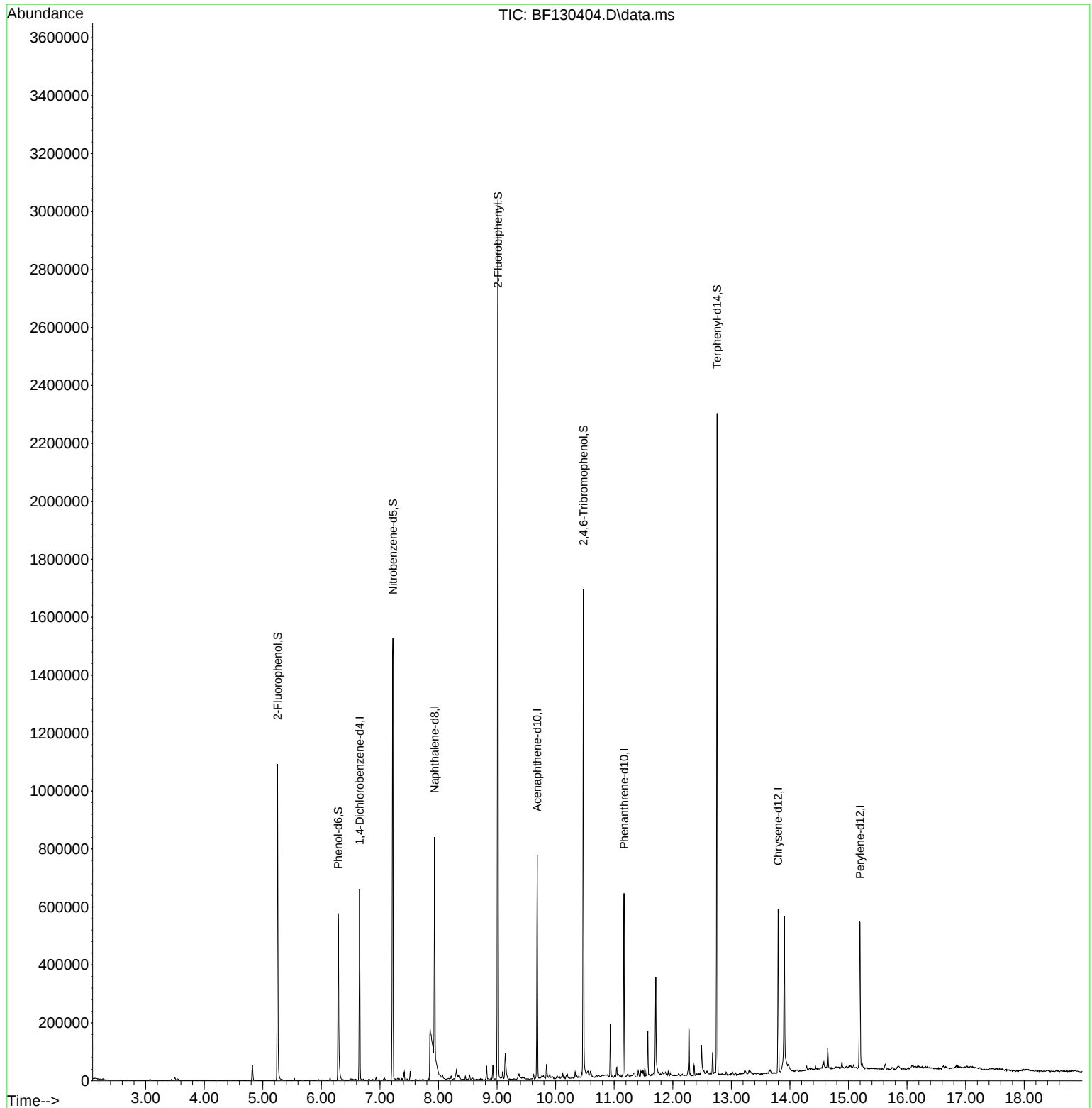
Target Compounds Qvalue

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

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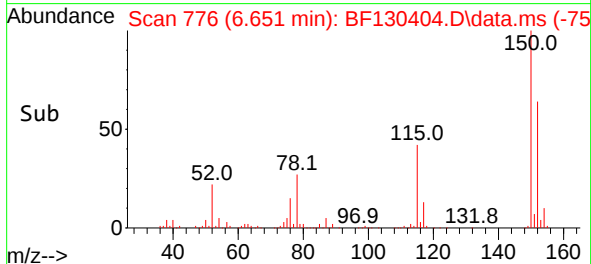
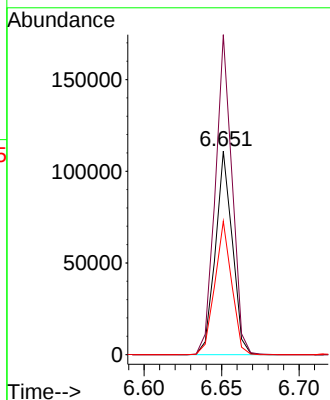
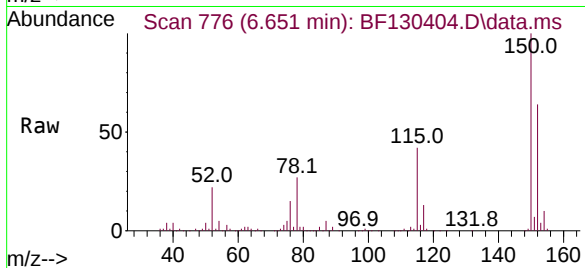




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.651 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF130404.D
Acq: 26 Sep 2022 12:39

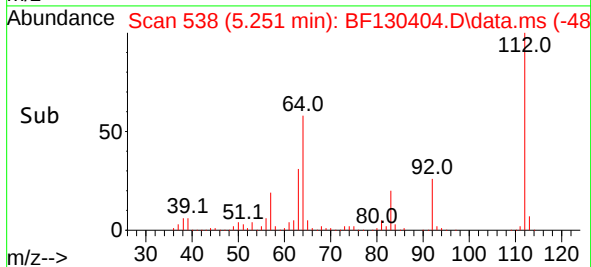
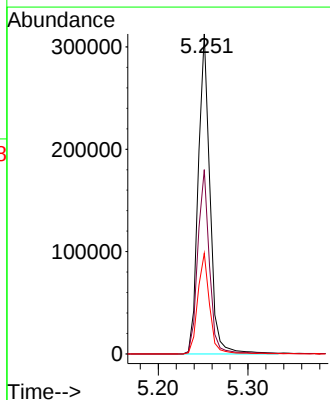
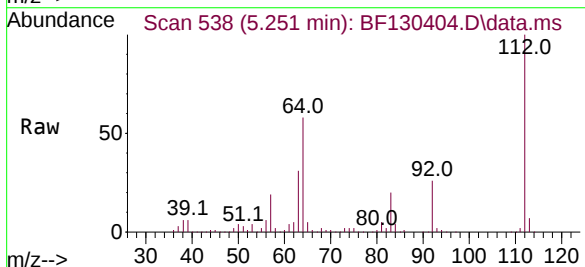
Instrument :
BNA_F
ClientSampleId :
DSN003RE

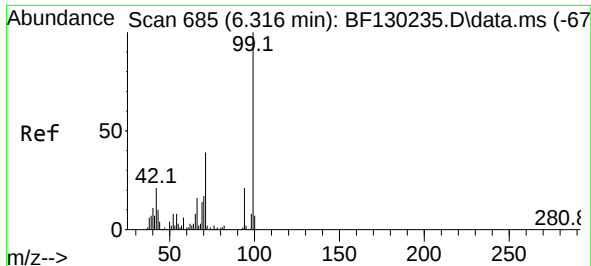
Tgt Ion:152 Resp: 84619
Ion Ratio Lower Upper
152 100
150 157.3 122.8 184.2
115 65.6 53.8 80.8



#5
2-Fluorophenol
Concen: 58.149 ng
RT: 5.251 min Scan# 538
Delta R.T. 0.006 min
Lab File: BF130404.D
Acq: 26 Sep 2022 12:39

Tgt Ion:112 Resp: 283690
Ion Ratio Lower Upper
112 100
64 57.6 51.4 77.0
63 31.4 28.8 43.2

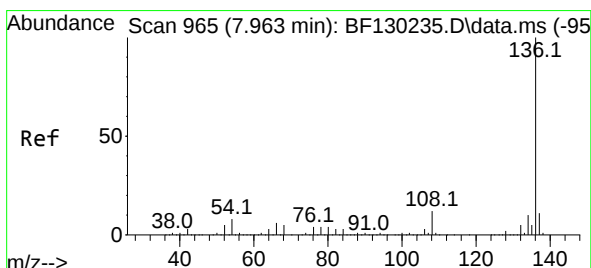
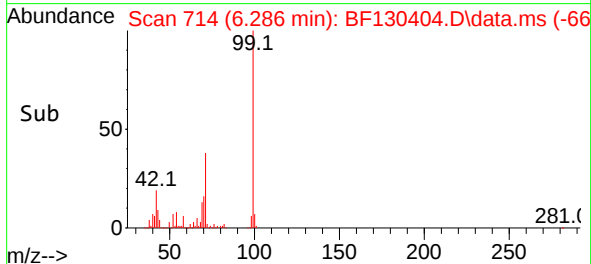
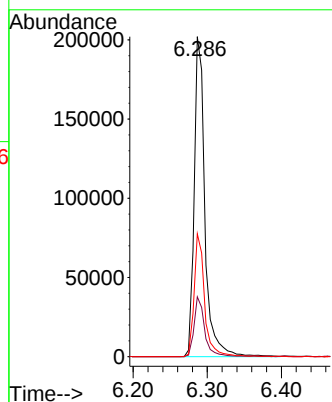
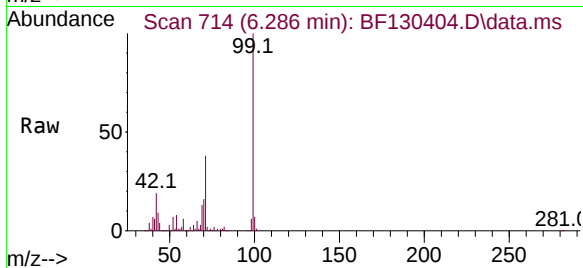




#7
Phenol-d6
Concen: 33.365 ng
RT: 6.286 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF130404.D
Acq: 26 Sep 2022 12:39

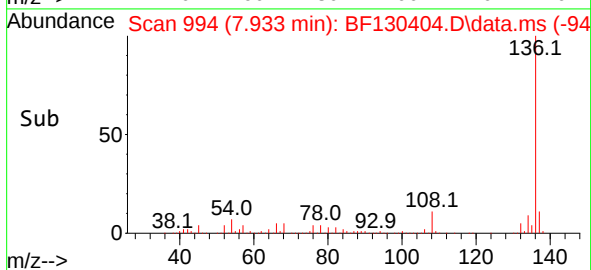
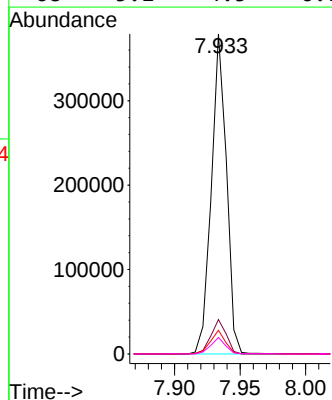
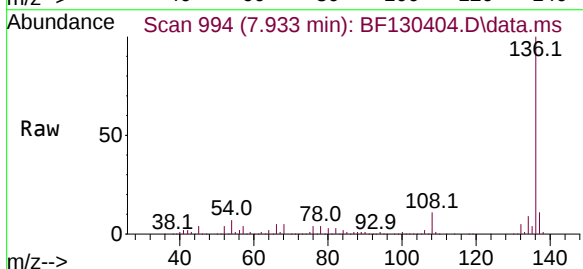
Instrument :
BNA_F
ClientSampleId :
DSN003RE

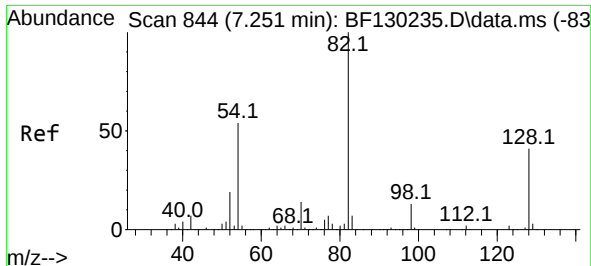
Tgt Ion: 99 Resp: 203672
Ion Ratio Lower Upper
99 100
42 18.7 17.0 25.6
71 38.4 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.006 min
Lab File: BF130404.D
Acq: 26 Sep 2022 12:39

Tgt Ion: 136 Resp: 303077
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 7.4 7.1 10.7
68 5.1 4.5 6.7





#23

Nitrobenzene-d5

Concen: 86.334 ng

RT: 7.222 min Scan# 81

Delta R.T. -0.000 min

Lab File: BF130404.D

Acq: 26 Sep 2022 12:39

Instrument :

BNA_F

ClientSampleId :

DSN003RE

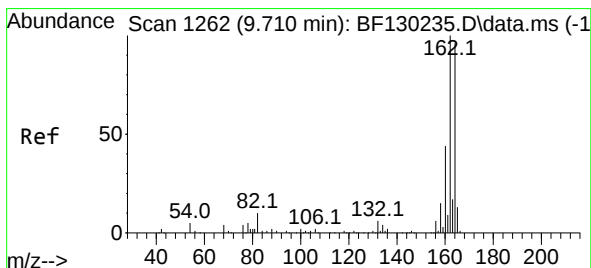
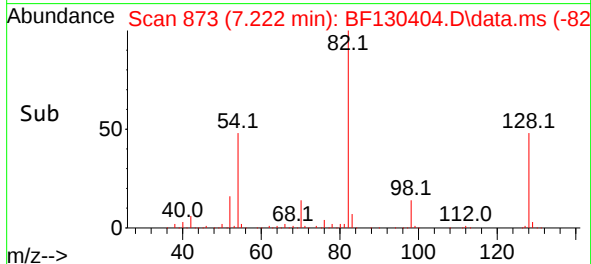
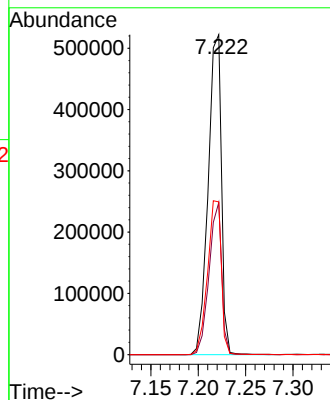
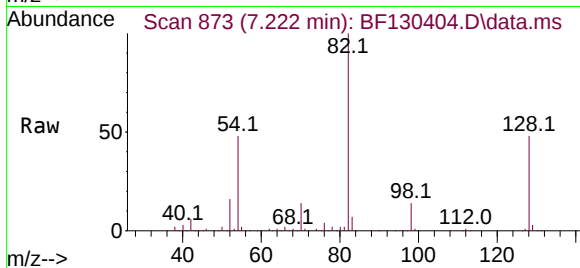
Tgt Ion: 82 Resp: 512166

Ion Ratio Lower Upper

82 100

128 47.5 32.6 49.0

54 47.8 43.8 65.6



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.686 min Scan# 1292

Delta R.T. -0.000 min

Lab File: BF130404.D

Acq: 26 Sep 2022 12:39

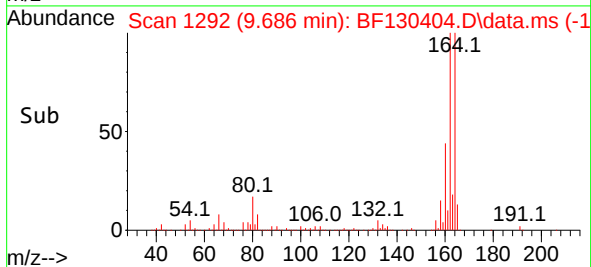
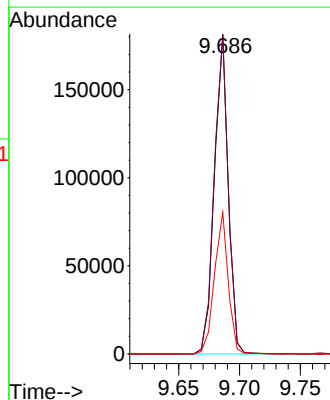
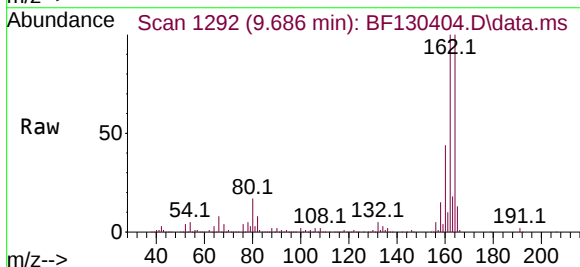
Tgt Ion:164 Resp: 143017

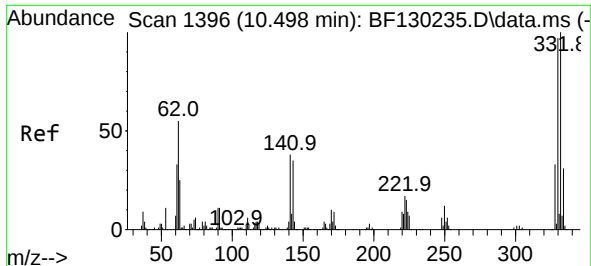
Ion Ratio Lower Upper

164 100

162 100.3 81.4 122.0

160 44.3 36.2 54.4

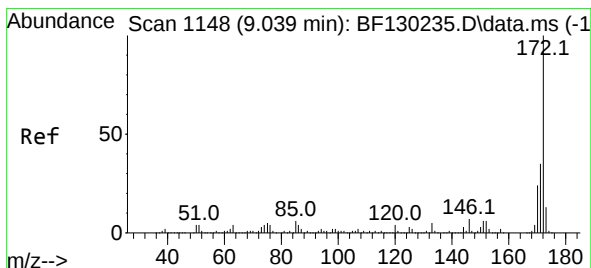
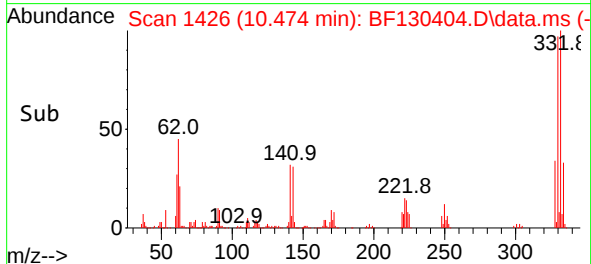
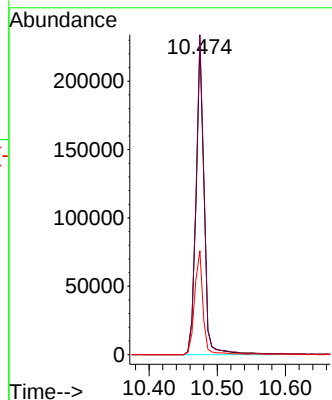
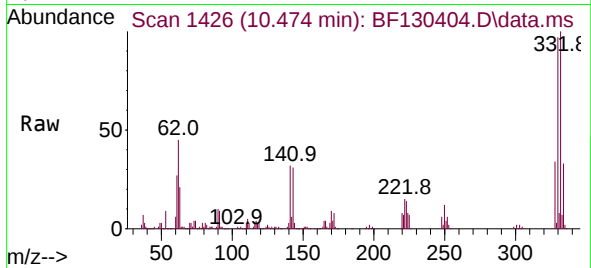




#42
2,4,6-Tribromophenol
Concen: 138.042 ng
RT: 10.474 min Scan# 14
Delta R.T. -0.006 min
Lab File: BF130404.D
Acq: 26 Sep 2022 12:39

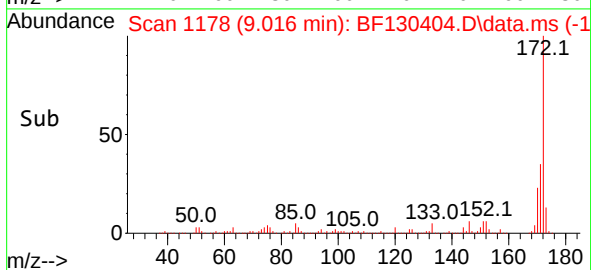
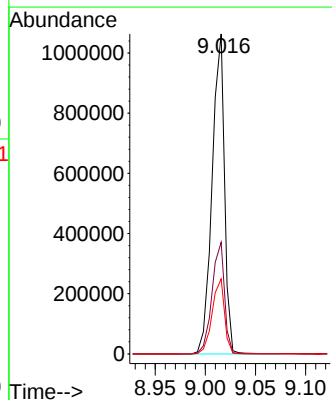
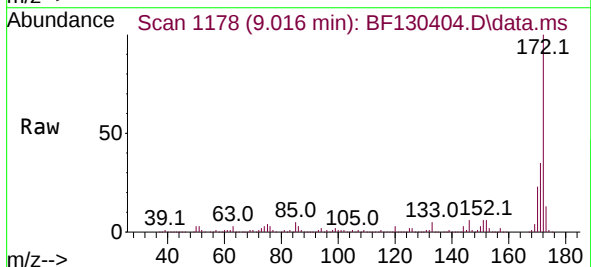
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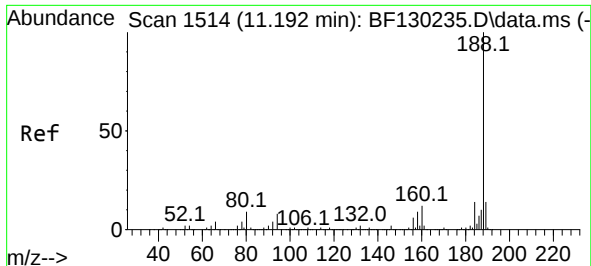
Tgt Ion:330 Resp: 189169
Ion Ratio Lower Upper
330 100
332 102.6 83.4 125.2
141 34.6 34.0 51.0



#45
2-Fluorobiphenyl
Concen: 92.754 ng
RT: 9.016 min Scan# 1178
Delta R.T. -0.000 min
Lab File: BF130404.D
Acq: 26 Sep 2022 12:39

Tgt Ion:172 Resp: 910964
Ion Ratio Lower Upper
172 100
171 34.9 28.3 42.5
170 23.4 18.7 28.1

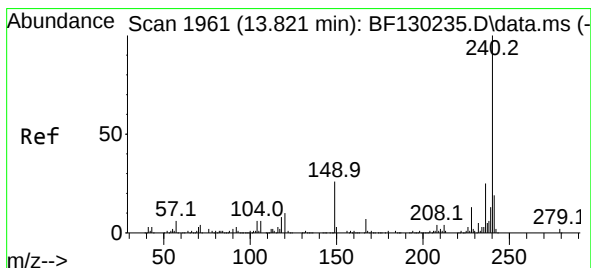
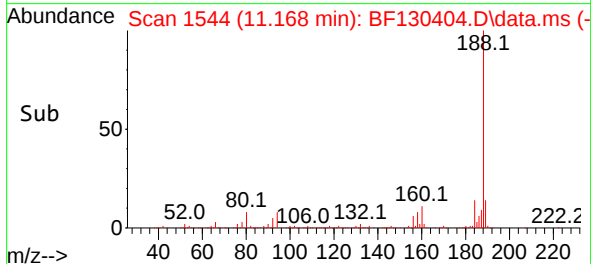
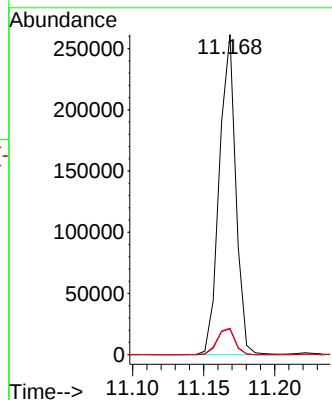
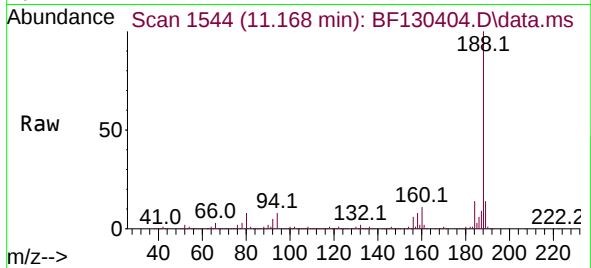




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.168 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130404.D
Acq: 26 Sep 2022 12:39

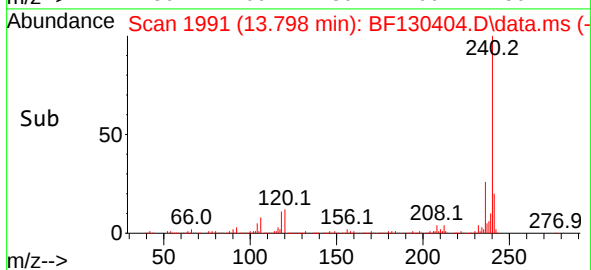
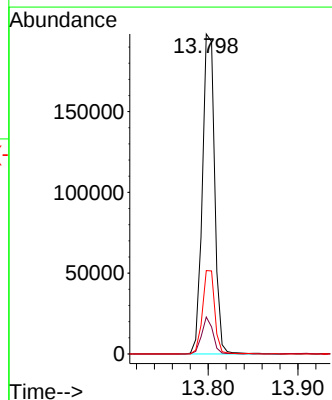
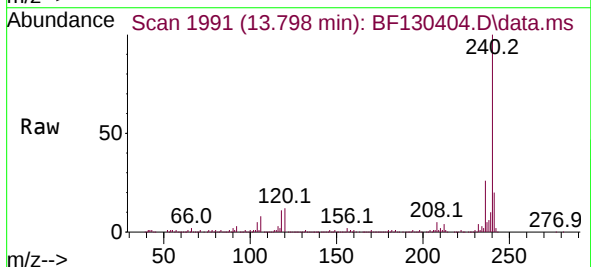
Instrument :
BNA_F
ClientSampleId :
DSN003RE

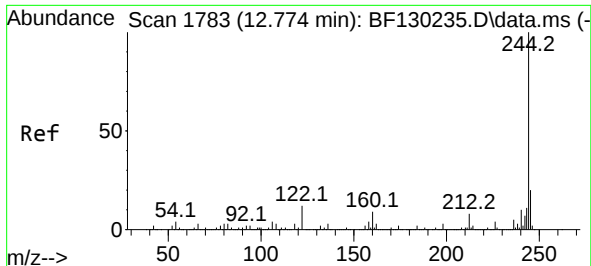
Tgt Ion:188 Resp: 210657
Ion Ratio Lower Upper
188 100
94 8.1 7.4 11.2
80 8.3 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.798 min Scan# 1991
Delta R.T. -0.006 min
Lab File: BF130404.D
Acq: 26 Sep 2022 12:39

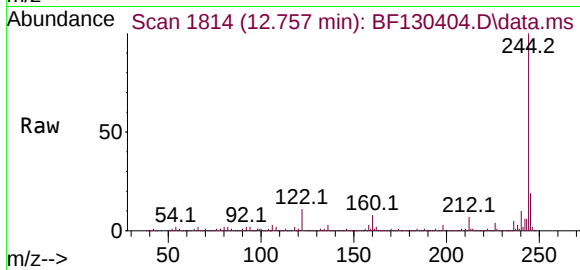
Tgt Ion:240 Resp: 188542
Ion Ratio Lower Upper
240 100
120 11.5 8.7 13.1
236 26.0 20.9 31.3



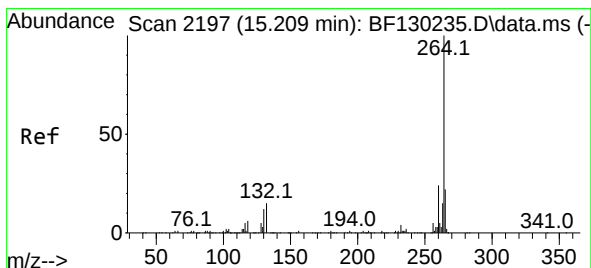
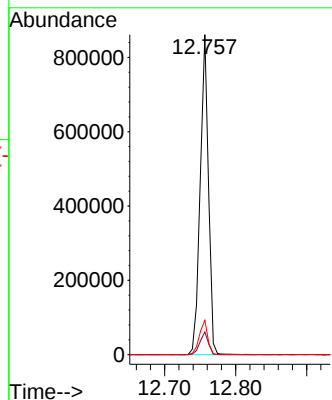
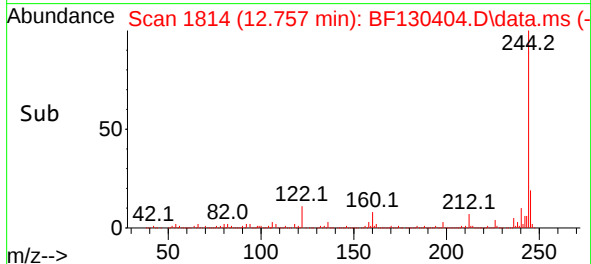


#79
 Terphenyl-d14
 Concen: 60.952 ng
 RT: 12.757 min Scan# 1814
 Delta R.T. -0.000 min
 Lab File: BF130404.D
 Acq: 26 Sep 2022 12:39

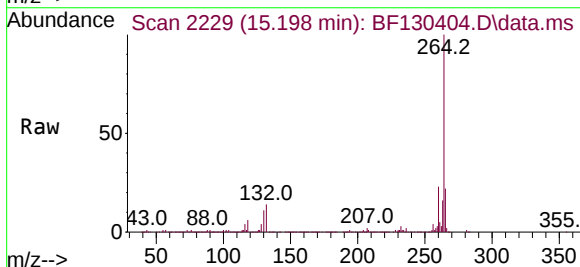
Instrument :
 BNA_F
 ClientSampleId :
 DSN003RE



Tgt Ion:244 Resp: 693757
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.7 8.5 12.7



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.198 min Scan# 2229
 Delta R.T. 0.006 min
 Lab File: BF130404.D
 Acq: 26 Sep 2022 12:39



Tgt Ion:264 Resp: 224899
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.3 28.9
 265 22.0 17.0 25.4

