

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101022\
 Data File : BF130603.D
 Acq On : 10 Oct 2022 15:16
 Operator : CG\JU
 Sample : N5046-06
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 R-6

Quant Time: Oct 10 16:08:55 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091422.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 10 16:07:40 2022
 Response via : Initial Calibration

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

Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.604	152	107139	20.000	ng	0.00
21) Naphthalene-d8	7.886	136	428319	20.000	ng	0.00
39) Acenaphthene-d10	9.633	164	200255	20.000	ng	0.00
64) Phenanthrene-d10	11.116	188	231412	20.000	ng	0.00
76) Chrysene-d12	13.745	240	216163	20.000	ng	0.00
86) Perylene-d12	15.127	264	273055	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.210	112	687742	111.338	ng	0.00
7) Phenol-d6	6.251	99	864580	111.863	ng	0.00
23) Nitrobenzene-d5	7.175	82	547248	65.274	ng	0.00
42) 2,4,6-Tribromophenol	10.422	330	148849	77.573	ng	0.00
45) 2-Fluorobiphenyl	8.963	172	1002969	72.933	ng	0.00
79) Terphenyl-d14	12.698	244	659074	50.506	ng	0.00

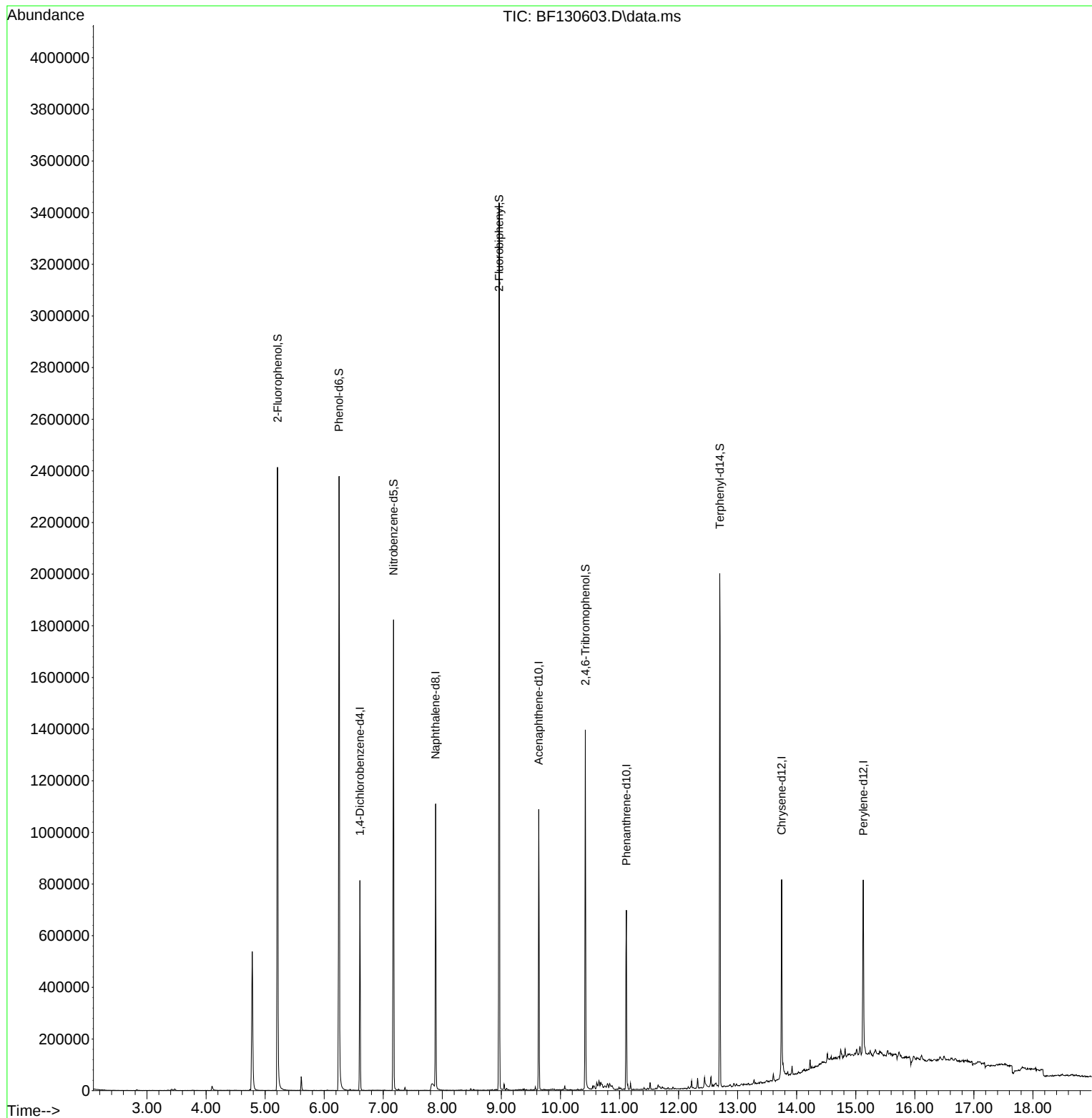
Target Compounds	Qvalue

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

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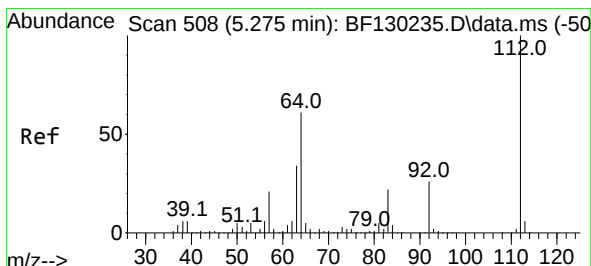
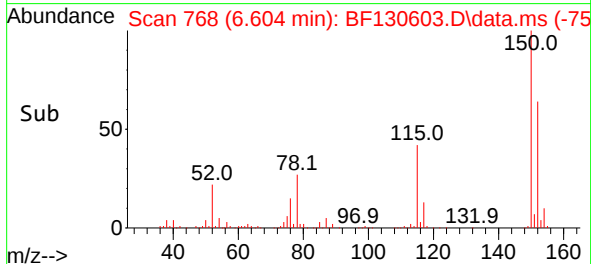
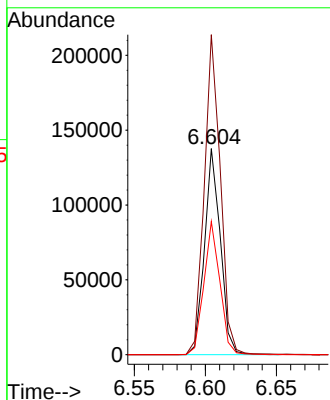
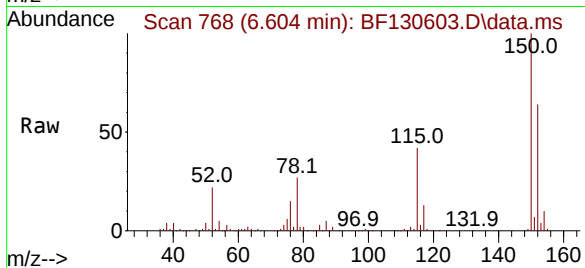




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.604 min Scan# 70
Delta R.T. 0.000 min
Lab File: BF130603.D
Acq: 10 Oct 2022 15:16

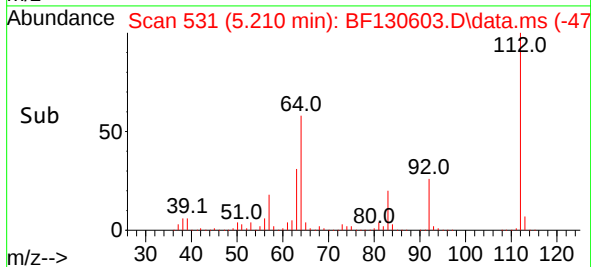
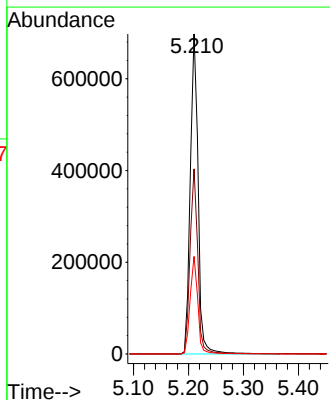
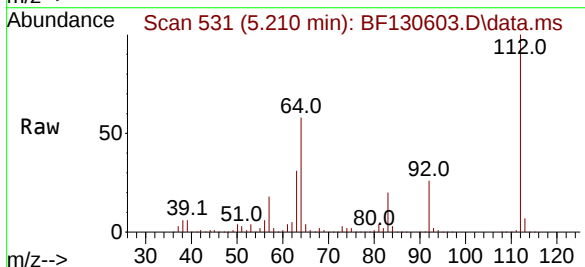
Instrument :
BNA_F
ClientSampleId :
R-6

Tgt Ion:152 Resp: 107139
Ion Ratio Lower Upper
152 100
150 155.3 122.8 184.2
115 64.6 53.8 80.8



#5
2-Fluorophenol
Concen: 111.338 ng
RT: 5.210 min Scan# 531
Delta R.T. 0.006 min
Lab File: BF130603.D
Acq: 10 Oct 2022 15:16

Tgt Ion:112 Resp: 687742
Ion Ratio Lower Upper
112 100
64 57.8 51.4 77.0
63 30.5 28.8 43.2





#7
Phenol-d6
Concen: 111.863 ng
RT: 6.251 min Scan# 708
Delta R.T. -0.006 min
Lab File: BF130603.D
Acq: 10 Oct 2022 15:16

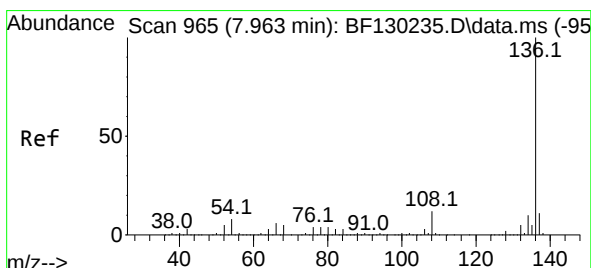
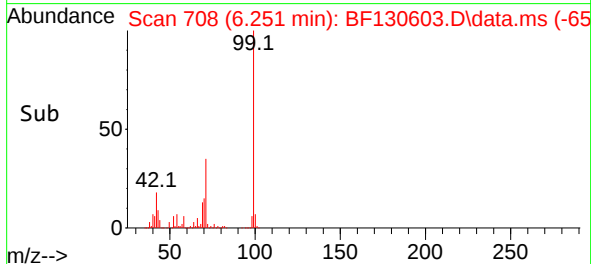
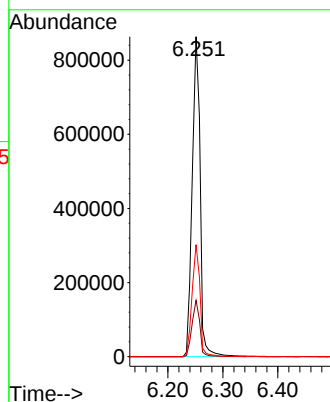
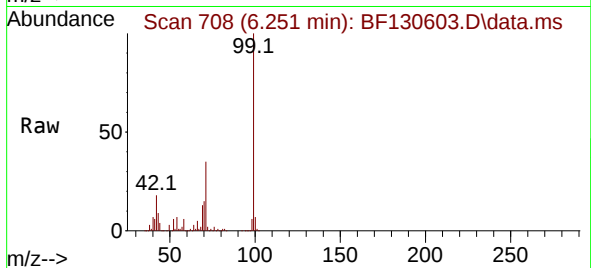
Instrument :

BNA_F

ClientSampleId :

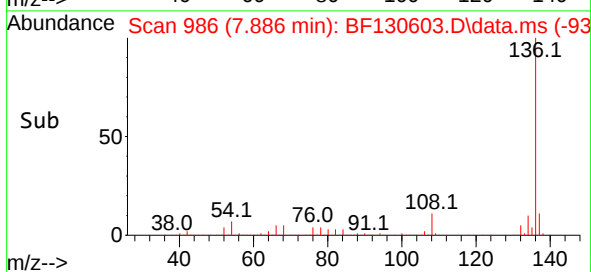
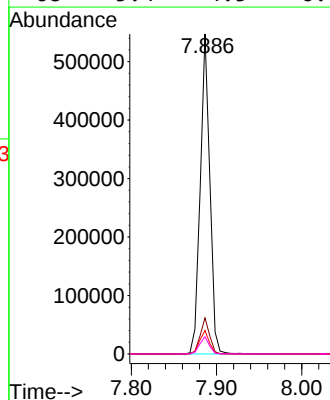
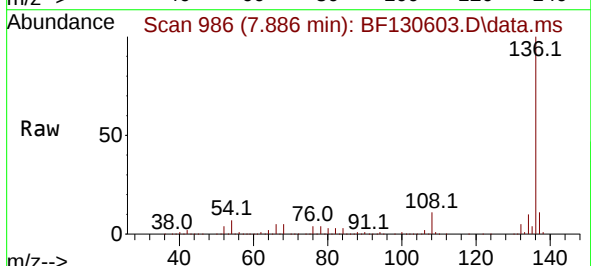
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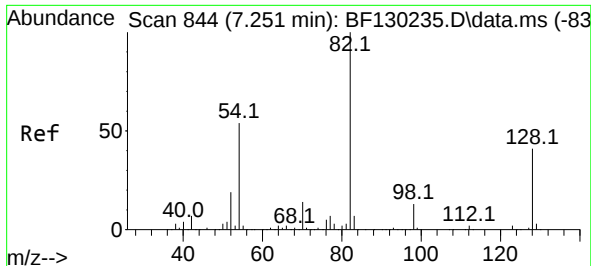
Tgt Ion: 99 Resp: 864580
Ion Ratio Lower Upper
99 100
42 17.6 17.0 25.6
71 35.0 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.886 min Scan# 986
Delta R.T. -0.006 min
Lab File: BF130603.D
Acq: 10 Oct 2022 15:16

Tgt Ion: 136 Resp: 428319
Ion Ratio Lower Upper
136 100
137 11.2 9.1 13.7
54 7.4 7.1 10.7
68 5.4 4.5 6.7

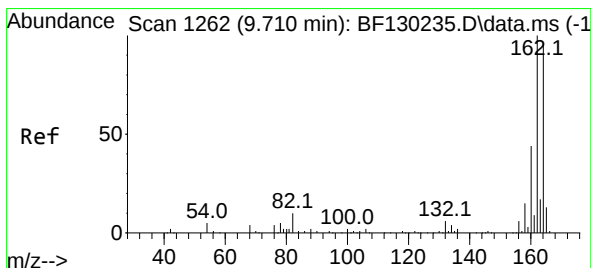
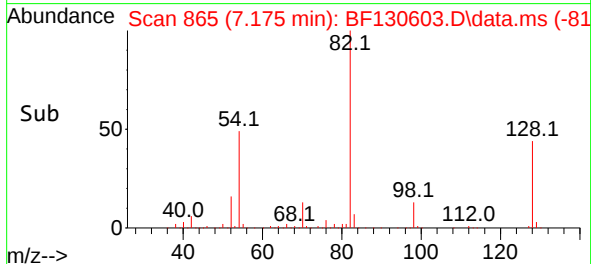
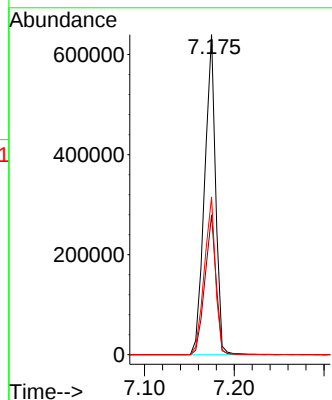
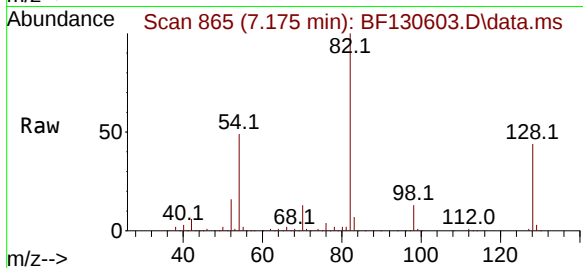




#23
Nitrobenzene-d5
Concen: 65.274 ng
RT: 7.175 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF130603.D
Acq: 10 Oct 2022 15:16

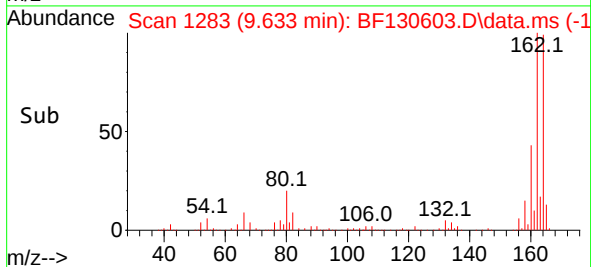
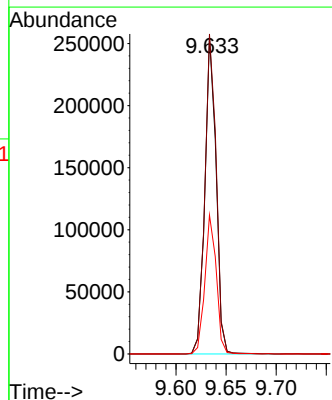
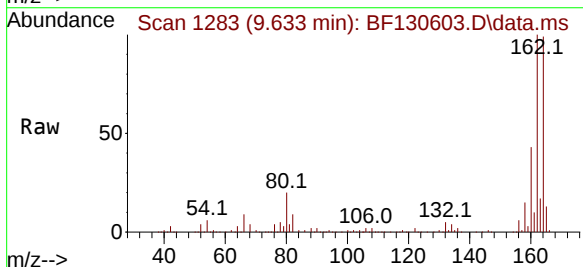
Instrument :
BNA_F
ClientSampleId :
R-6

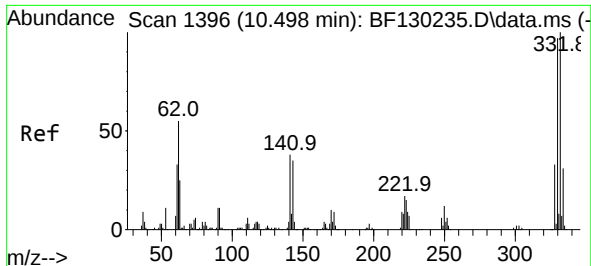
Tgt Ion: 82 Resp: 547248
Ion Ratio Lower Upper
82 100
128 43.7 32.6 49.0
54 49.3 43.8 65.6



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.633 min Scan# 1283
Delta R.T. -0.006 min
Lab File: BF130603.D
Acq: 10 Oct 2022 15:16

Tgt Ion:164 Resp: 200255
Ion Ratio Lower Upper
164 100
162 100.8 81.4 122.0
160 43.7 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 77.573 ng

RT: 10.422 min Scan# 1417

Delta R.T. -0.006 min

Lab File: BF130603.D

Acq: 10 Oct 2022 15:16

Instrument :

BNA_F

ClientSampleId :

R-6

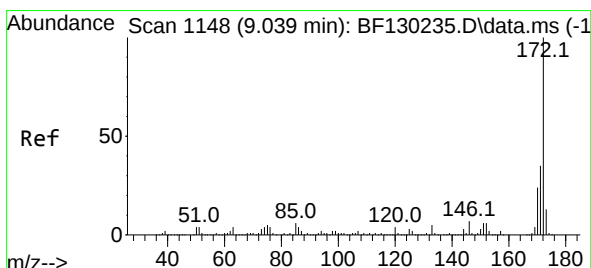
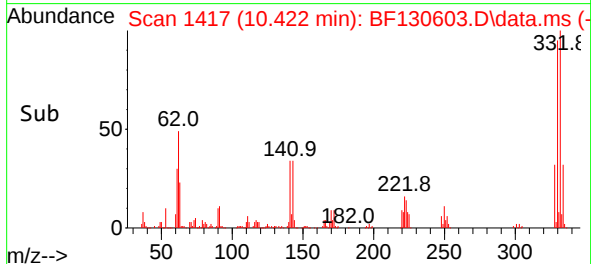
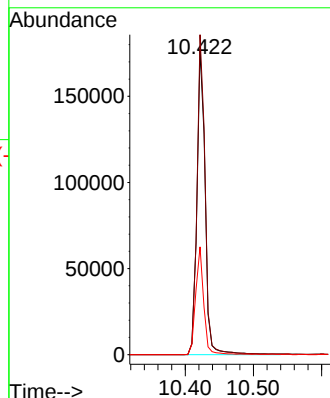
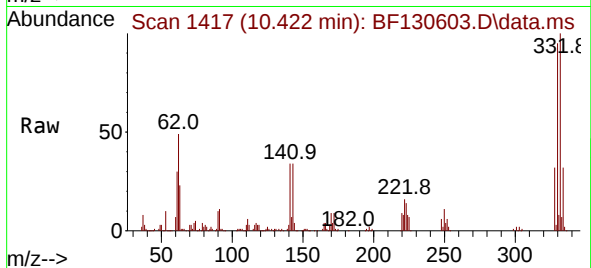
Tgt Ion:330 Resp: 148849

Ion Ratio Lower Upper

330 100

332 104.0 83.4 125.2

141 34.6 34.0 51.0



#45

2-Fluorobiphenyl

Concen: 72.933 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF130603.D

Acq: 10 Oct 2022 15:16

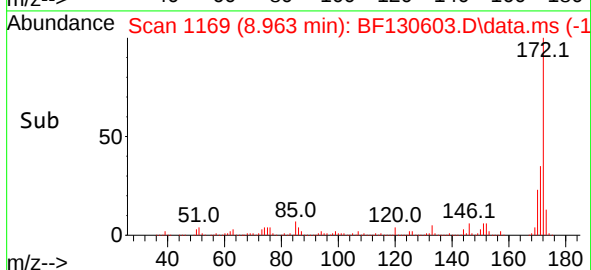
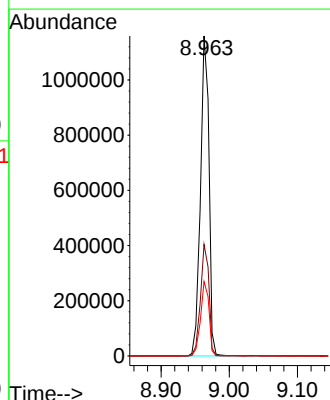
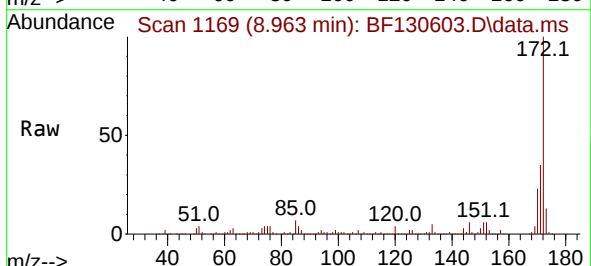
Tgt Ion:172 Resp: 1002969

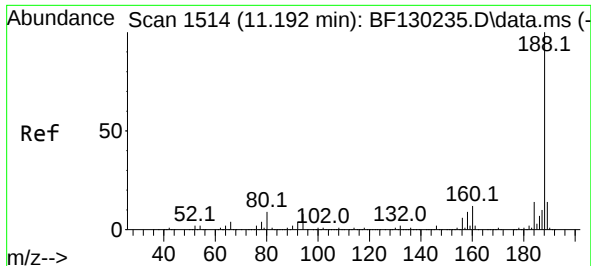
Ion Ratio Lower Upper

172 100

171 34.8 28.3 42.5

170 23.2 18.7 28.1

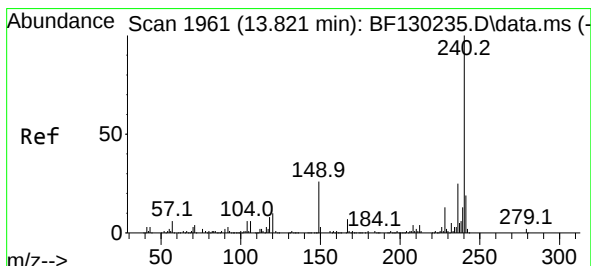
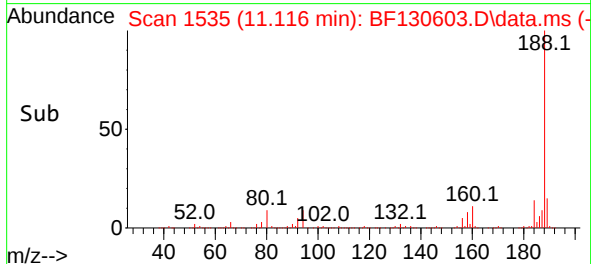
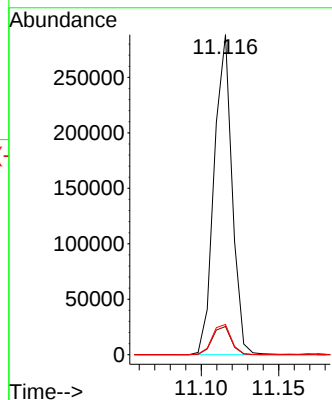
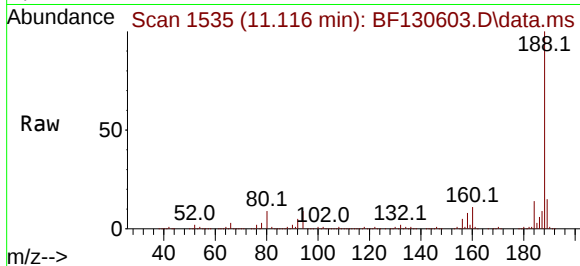




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.116 min Scan# 11
Delta R.T. -0.000 min
Lab File: BF130603.D
Acq: 10 Oct 2022 15:16

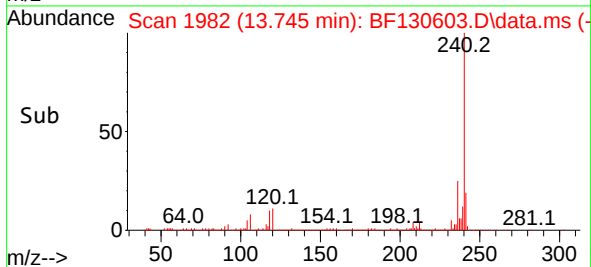
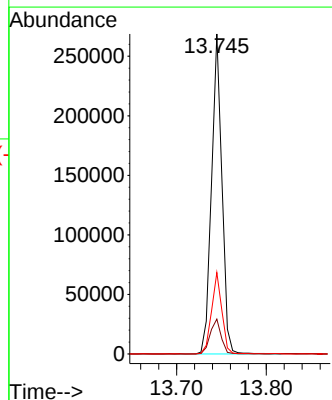
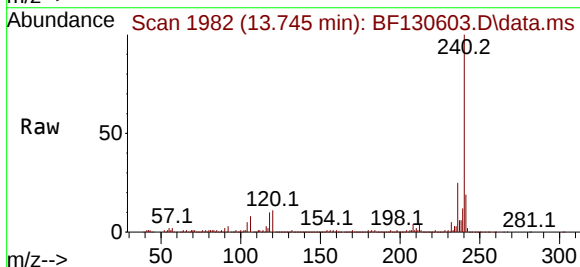
Instrument :
BNA_F
ClientSampleId :
R-6

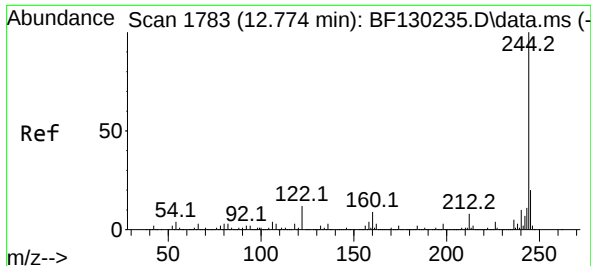
Tgt Ion:188 Resp: 231412
Ion Ratio Lower Upper
188 100
94 8.8 7.4 11.2
80 9.5 7.9 11.9



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.745 min Scan# 1982
Delta R.T. -0.006 min
Lab File: BF130603.D
Acq: 10 Oct 2022 15:16

Tgt Ion:240 Resp: 216163
Ion Ratio Lower Upper
240 100
120 10.9 8.7 13.1
236 25.4 20.9 31.3

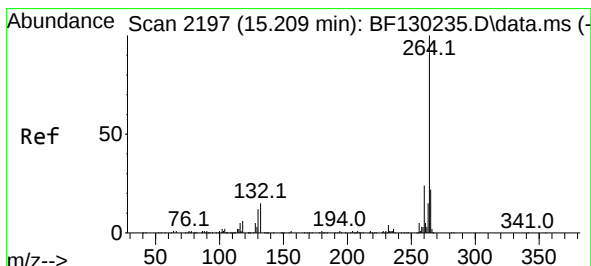
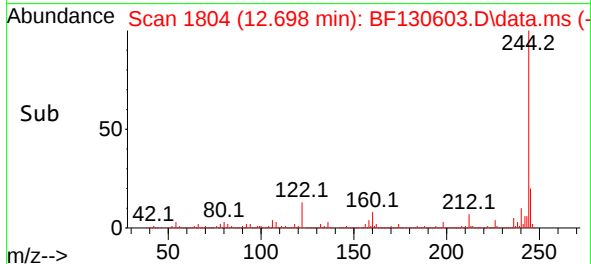
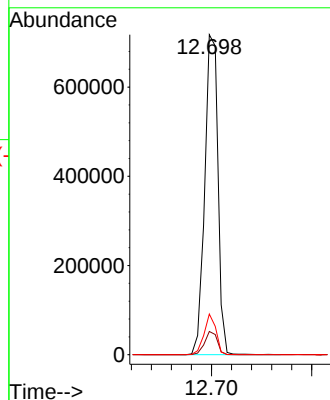
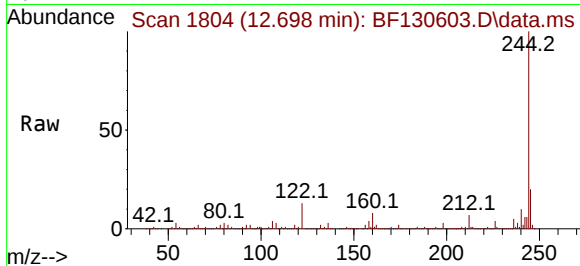




#79
 Terphenyl-d14
 Concen: 50.506 ng
 RT: 12.698 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF130603.D
 Acq: 10 Oct 2022 15:16

Instrument :
 BNA_F
 ClientSampleId :
 R-6

Tgt Ion:244 Resp: 659074
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.9 8.9
 122 12.7 8.5 12.7#



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.127 min Scan# 2217
 Delta R.T. -0.000 min
 Lab File: BF130603.D
 Acq: 10 Oct 2022 15:16

Tgt Ion:264 Resp: 273055
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.3 28.9
 265 21.9 17.0 25.4

