

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
 Data File : BF130522.D
 Acq On : 04 Oct 2022 17:14
 Operator : CG\JU
 Sample : N4941-02
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-6R

Quant Time: Oct 05 02:19:40 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 28 02:59:31 2022
 Response via : Initial Calibration

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

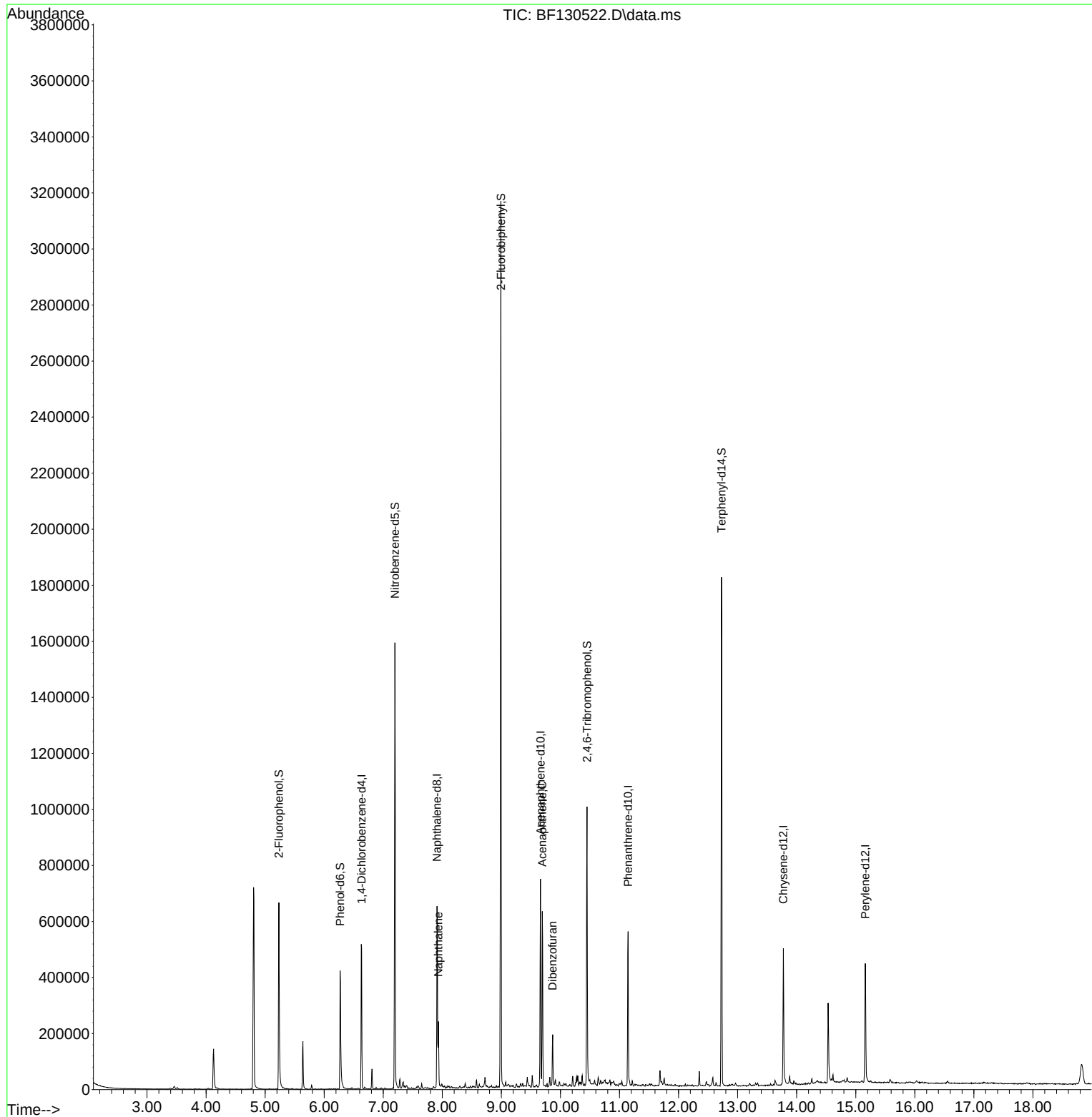
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.634	152	76361	20.000	ng	-0.01
21) Naphthalene-d8	7.910	136	286300	20.000	ng	-0.02
39) Acenaphthene-d10	9.663	164	132924	20.000	ng	-0.02
64) Phenanthrene-d10	11.145	188	193048	20.000	ng	-0.01
76) Chrysene-d12	13.774	240	143741	20.000	ng	-0.02
86) Perylene-d12	15.162	264	175575	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.234	112	192161	43.647	ng	-0.01
7) Phenol-d6	6.269	99	157090	28.517	ng	-0.02
23) Nitrobenzene-d5	7.198	82	494094	88.168	ng	-0.02
42) 2,4,6-Tribromophenol	10.451	330	110998	87.148	ng	-0.02
45) 2-Fluorobiphenyl	8.992	172	850573	93.181	ng	-0.02
79) Terphenyl-d14	12.727	244	612169	70.547	ng	-0.02
Target Compounds						Qvalue
31) Naphthalene	7.933	128	90382	6.128	ng	100
52) Acenaphthene	9.692	154	125749	15.895	ng	99
55) Dibenzofuran	9.869	168	64969	5.904	ng	96

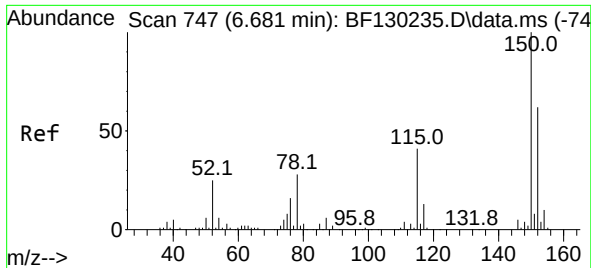
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100422\
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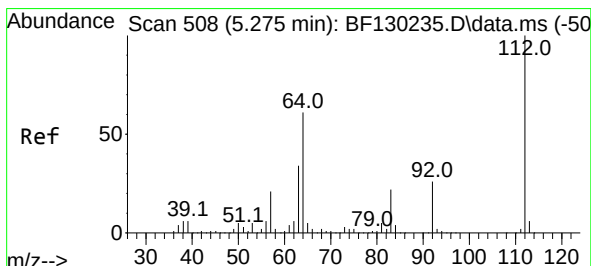
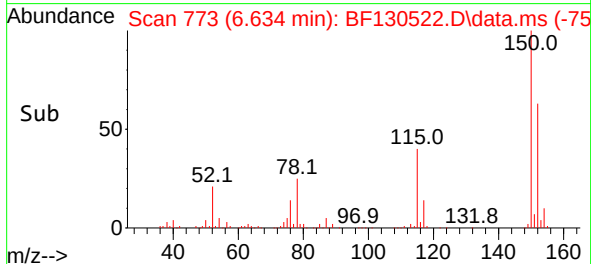
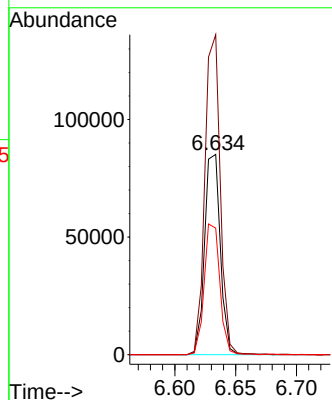
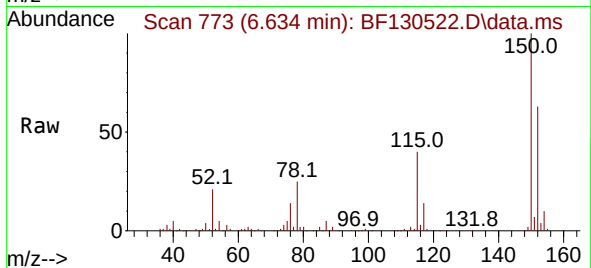




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.634 min Scan# 71
 Delta R.T. -0.011 min
 Lab File: BF130522.D
 Acq: 04 Oct 2022 17:14

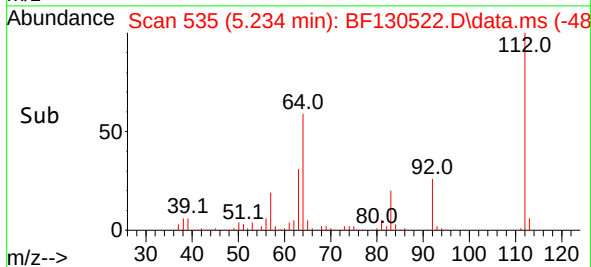
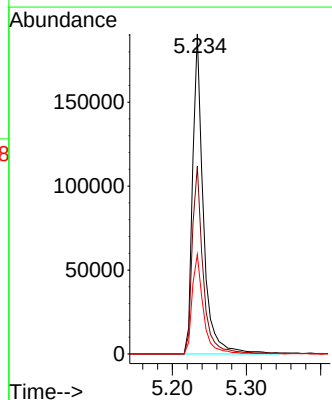
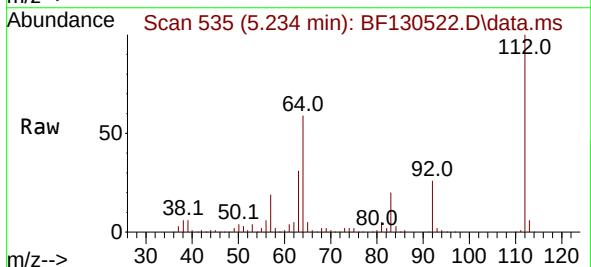
Instrument :
 BNA_F
 ClientSampleId :
 MW-6R

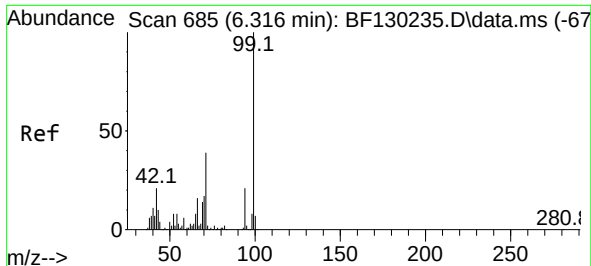
Tgt Ion:152 Resp: 76361
 Ion Ratio Lower Upper
 152 100
 150 159.7 122.8 184.2
 115 63.2 53.8 80.8



#5
 2-Fluorophenol
 Concen: 43.647 ng
 RT: 5.234 min Scan# 535
 Delta R.T. -0.012 min
 Lab File: BF130522.D
 Acq: 04 Oct 2022 17:14

Tgt Ion:112 Resp: 192161
 Ion Ratio Lower Upper
 112 100
 64 58.6 51.4 77.0
 63 31.1 28.8 43.2

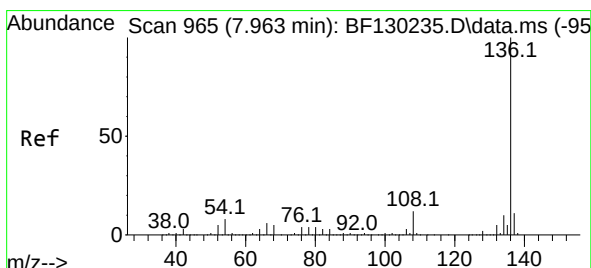
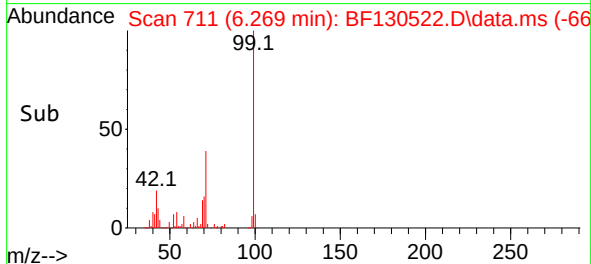
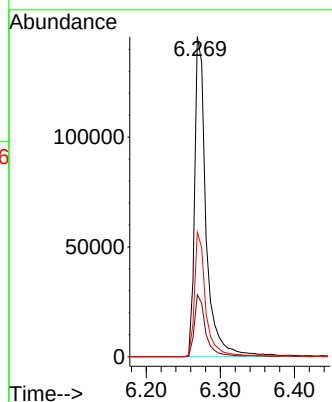
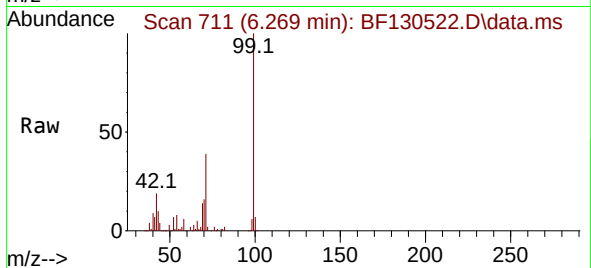




#7
Phenol-d6
Concen: 28.517 ng
RT: 6.269 min Scan# 71
Delta R.T. -0.024 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

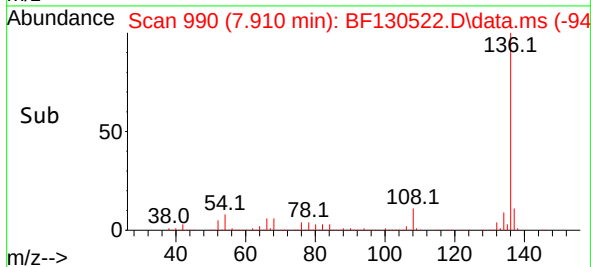
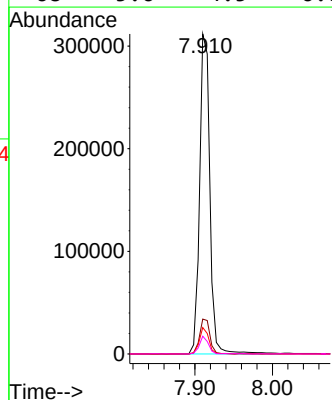
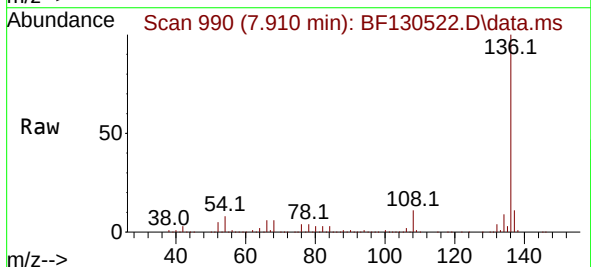
Instrument :
BNA_F
ClientSampleId :
MW-6R

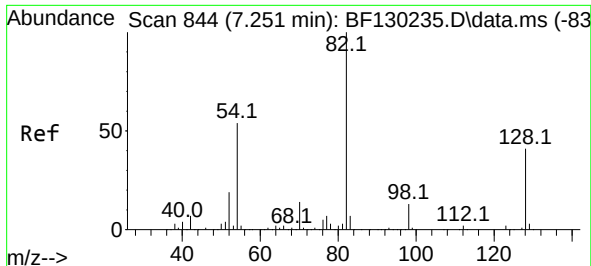
Tgt Ion: 99 Resp: 157090
Ion Ratio Lower Upper
99 100
42 19.3 17.0 25.6
71 38.9 32.3 48.5



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 7.910 min Scan# 990
Delta R.T. -0.018 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

Tgt Ion: 136 Resp: 286300
Ion Ratio Lower Upper
136 100
137 10.9 9.1 13.7
54 8.2 7.1 10.7
68 5.6 4.5 6.7

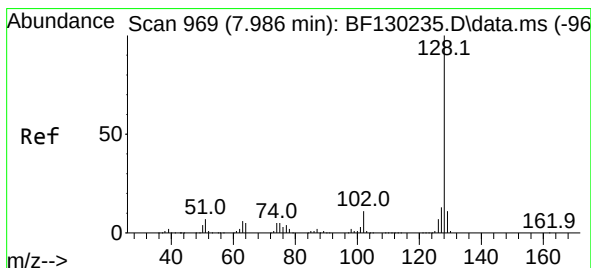
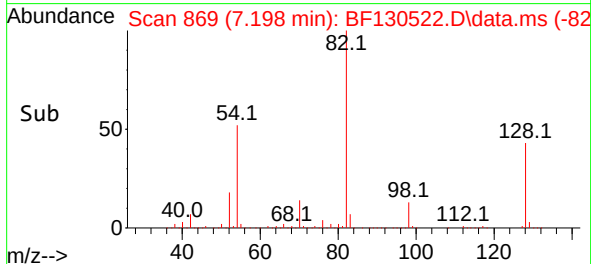
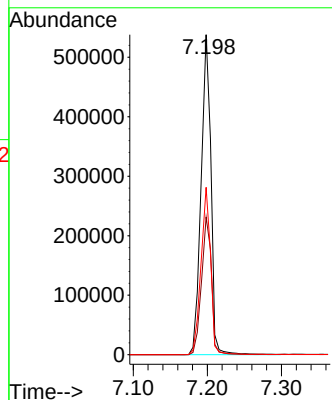
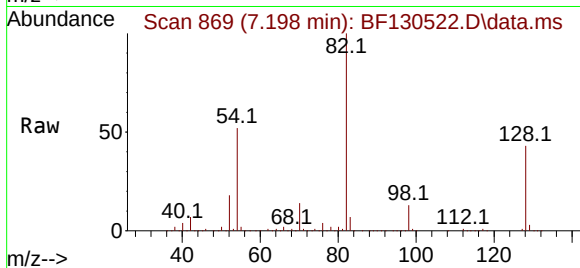




#23
Nitrobenzene-d5
Concen: 88.168 ng
RT: 7.198 min Scan# 80
Delta R.T. -0.018 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

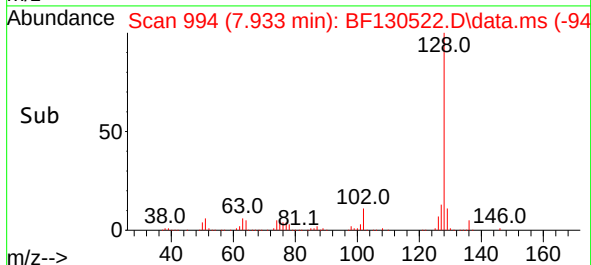
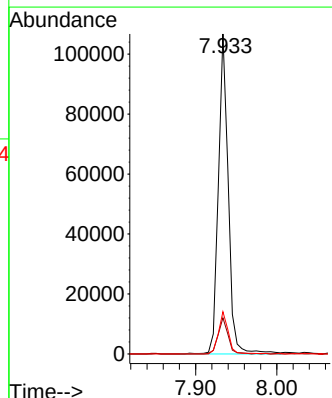
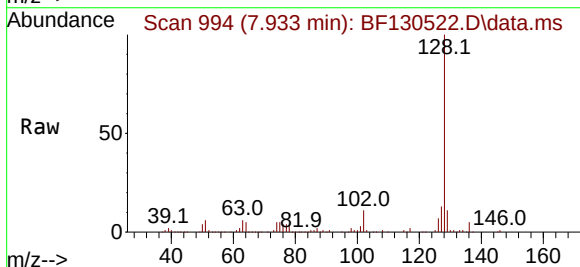
Instrument :
BNA_F
ClientSampleId :
MW-6R

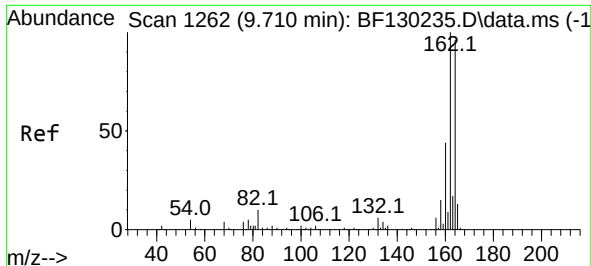
Tgt Ion: 82 Resp: 494094
Ion Ratio Lower Upper
82 100
128 43.0 32.6 49.0
54 52.3 43.8 65.6



#31
Naphthalene
Concen: 6.128 ng
RT: 7.933 min Scan# 994
Delta R.T. -0.018 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

Tgt Ion: 128 Resp: 90382
Ion Ratio Lower Upper
128 100
129 11.3 9.1 13.7
127 13.2 10.6 16.0

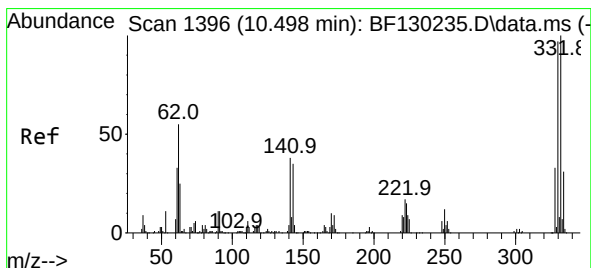
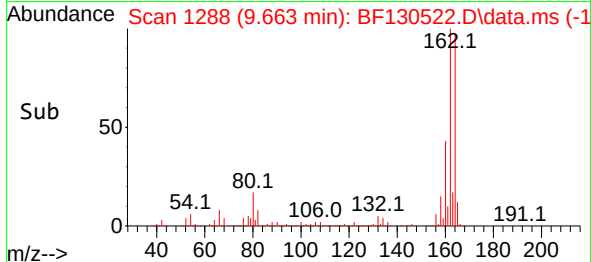
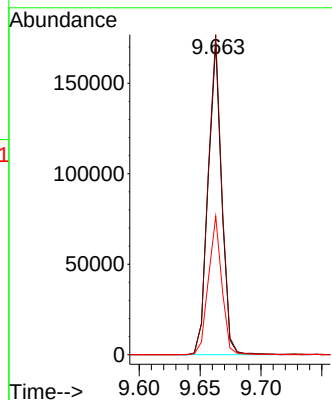
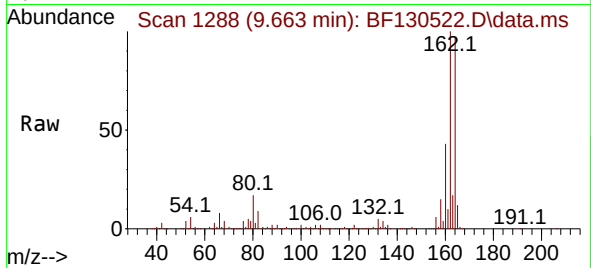




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.663 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

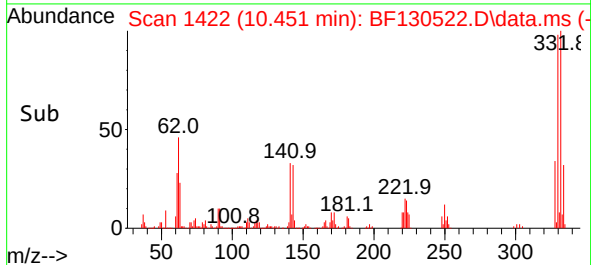
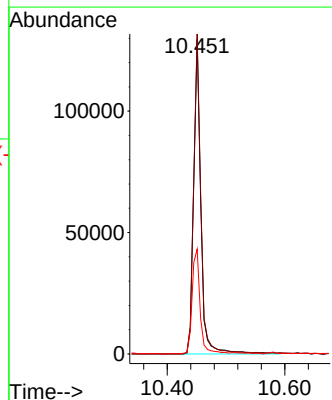
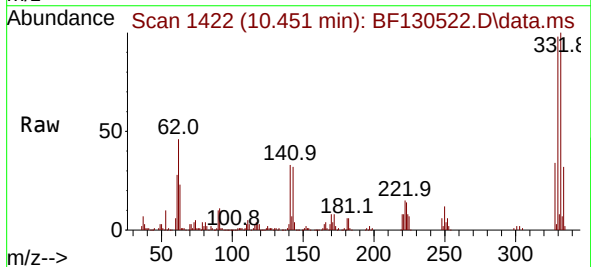
Instrument :
BNA_F
ClientSampleId :
MW-6R

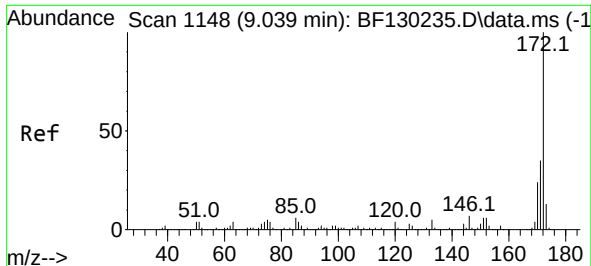
Tgt Ion:164 Resp: 132924
Ion Ratio Lower Upper
164 100
162 102.8 81.4 122.0
160 44.4 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 87.148 ng
RT: 10.451 min Scan# 1422
Delta R.T. -0.018 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

Tgt Ion:330 Resp: 110998
Ion Ratio Lower Upper
330 100
332 101.8 83.4 125.2
141 37.9 34.0 51.0





#45

2-Fluorobiphenyl

Concen: 93.181 ng

RT: 8.992 min Scan# 1174

Delta R.T. -0.018 min

Lab File: BF130522.D

Acq: 04 Oct 2022 17:14

Instrument :

BNA_F

ClientSampleId :

MW-6R

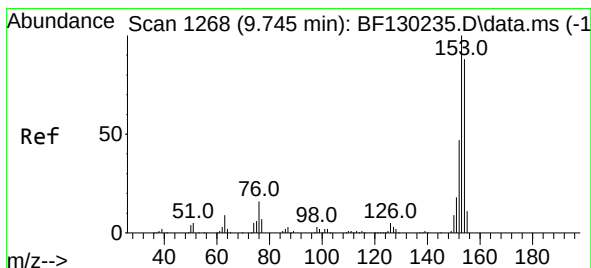
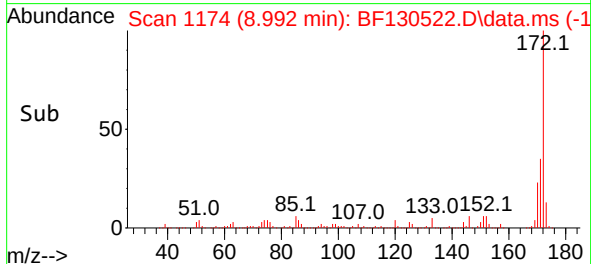
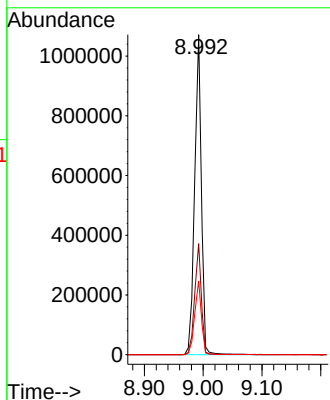
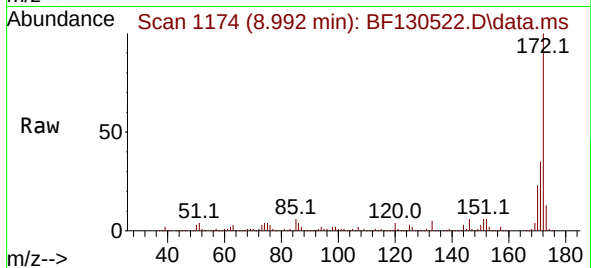
Tgt Ion:172 Resp: 850573

Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.1 18.7 28.1



#52

Acenaphthene

Concen: 15.895 ng

RT: 9.692 min Scan# 1293

Delta R.T. -0.024 min

Lab File: BF130522.D

Acq: 04 Oct 2022 17:14

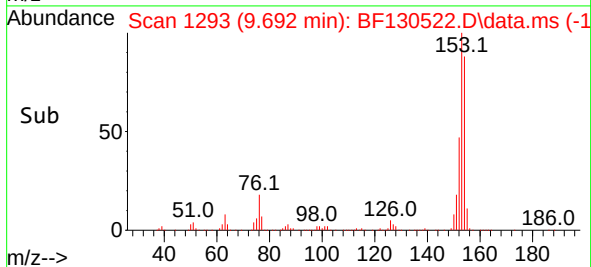
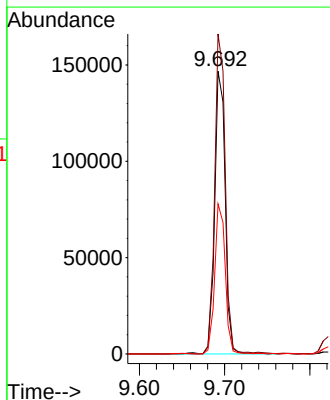
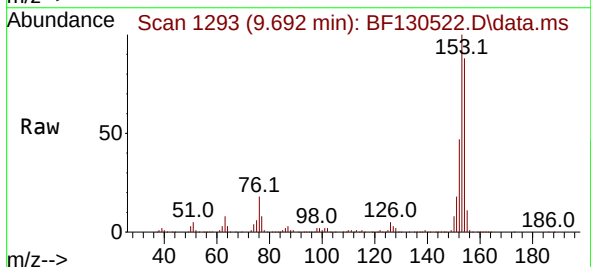
Tgt Ion:154 Resp: 125749

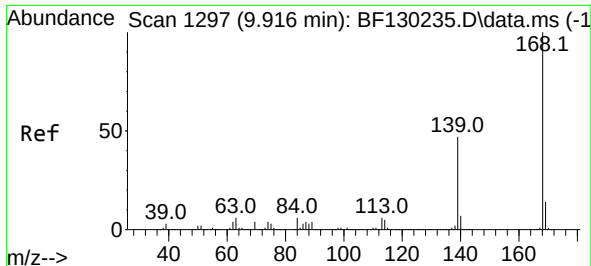
Ion Ratio Lower Upper

154 100

153 113.2 90.6 136.0

152 53.1 43.8 65.6

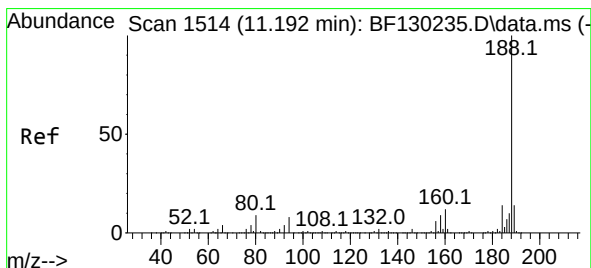
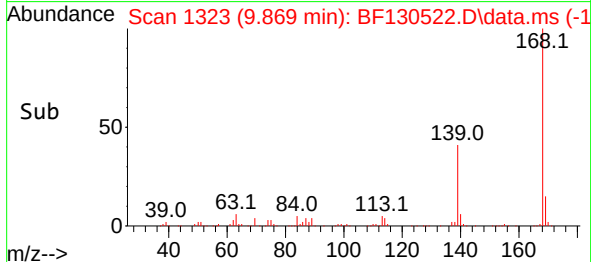
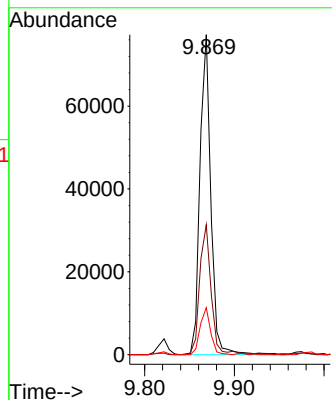
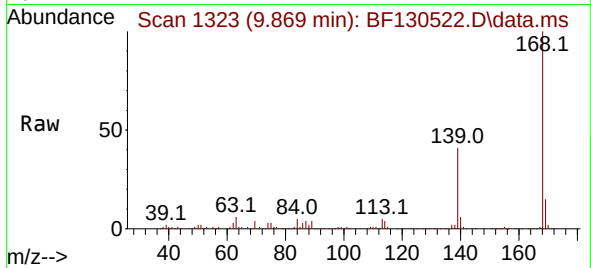




#55
Dibenzofuran
Concen: 5.904 ng
RT: 9.869 min Scan# 11
Delta R.T. -0.018 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

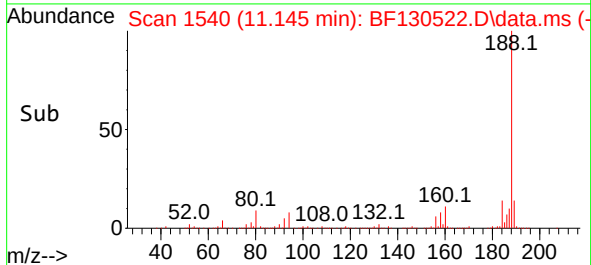
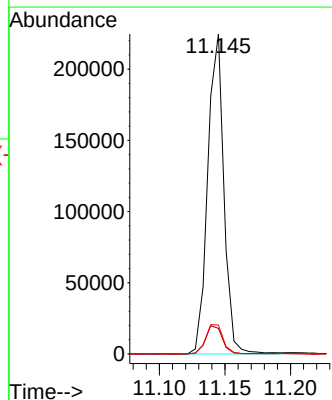
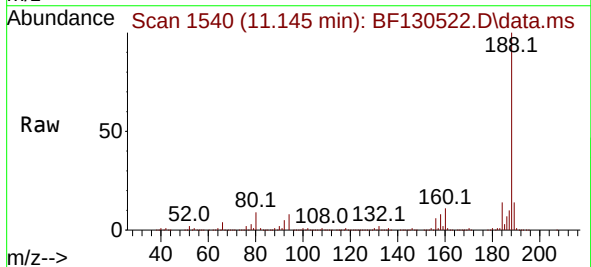
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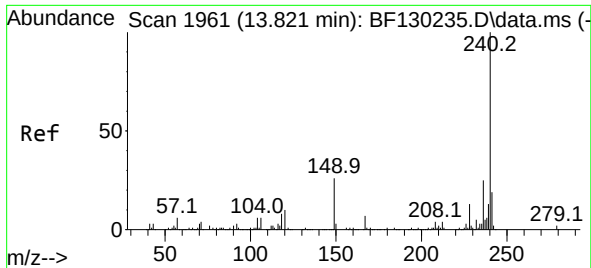
Tgt Ion:168 Resp: 64969
Ion Ratio Lower Upper
168 100
139 40.6 35.0 52.4
169 14.7 10.9 16.3



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.145 min Scan# 1540
Delta R.T. -0.012 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

Tgt Ion:188 Resp: 193048
Ion Ratio Lower Upper
188 100
94 8.0 7.4 11.2
80 9.1 7.9 11.9

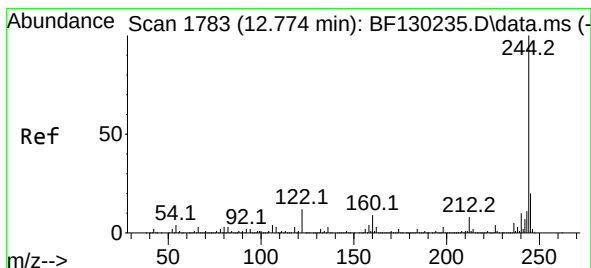
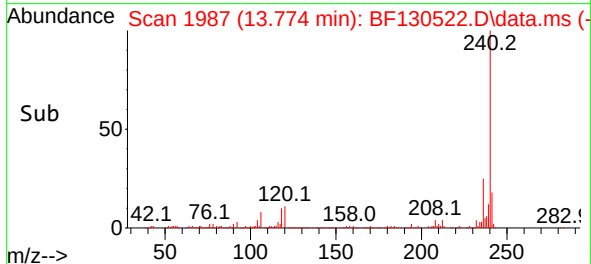
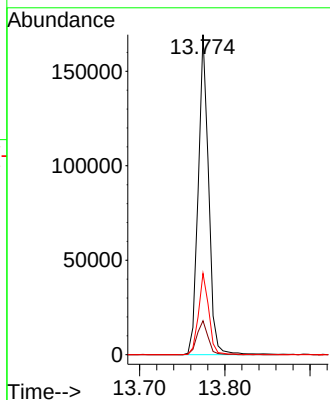
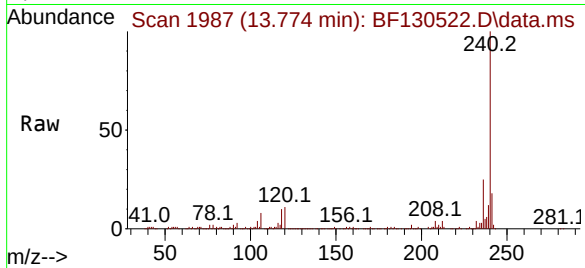




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.774 min Scan# 1809
Delta R.T. -0.018 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

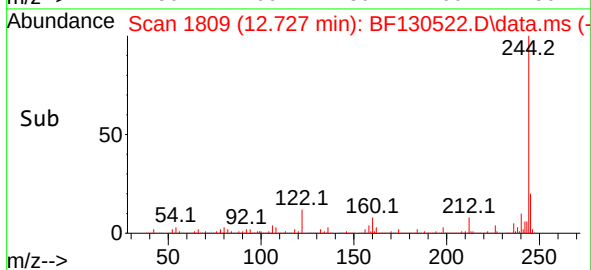
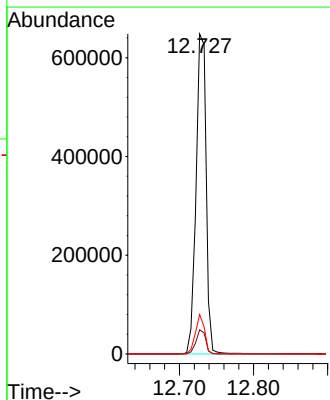
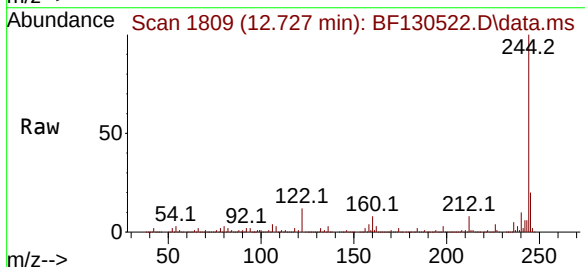
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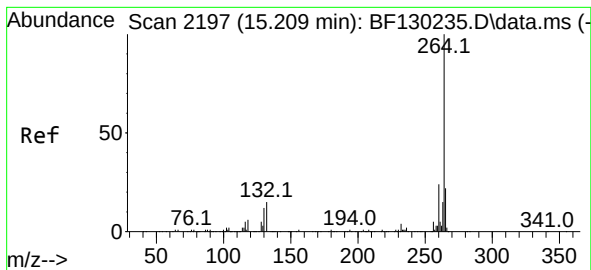
Tgt Ion:240 Resp: 143741
Ion Ratio Lower Upper
240 100
120 10.6 8.7 13.1
236 25.4 20.9 31.3



#79
Terphenyl-d14
Concen: 70.547 ng
RT: 12.727 min Scan# 1809
Delta R.T. -0.018 min
Lab File: BF130522.D
Acq: 04 Oct 2022 17:14

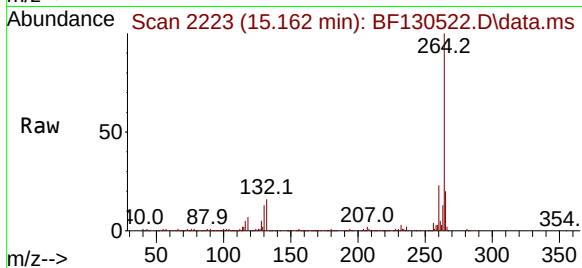
Tgt Ion:244 Resp: 612169
Ion Ratio Lower Upper
244 100
212 7.5 5.9 8.9
122 12.4 8.5 12.7





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.162 min Scan# 2197
 Delta R.T. -0.012 min
 Lab File: BF130522.D
 Acq: 04 Oct 2022 17:14

Instrument :
 BNA_F
 ClientSampleId :
 MW-6R



Tgt Ion:264 Resp: 175575
 Ion Ratio Lower Upper
 264 100
 260 22.8 19.3 28.9
 265 19.9 17.0 25.4

