

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140691.D
 Acq On : 02 Dec 2024 16:21
 Operator : RC/JU
 Sample : P5021-01
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Quant Time: Dec 02 16:41:49 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Nov 21 15:23:48 2024
 Response via : Initial Calibration

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

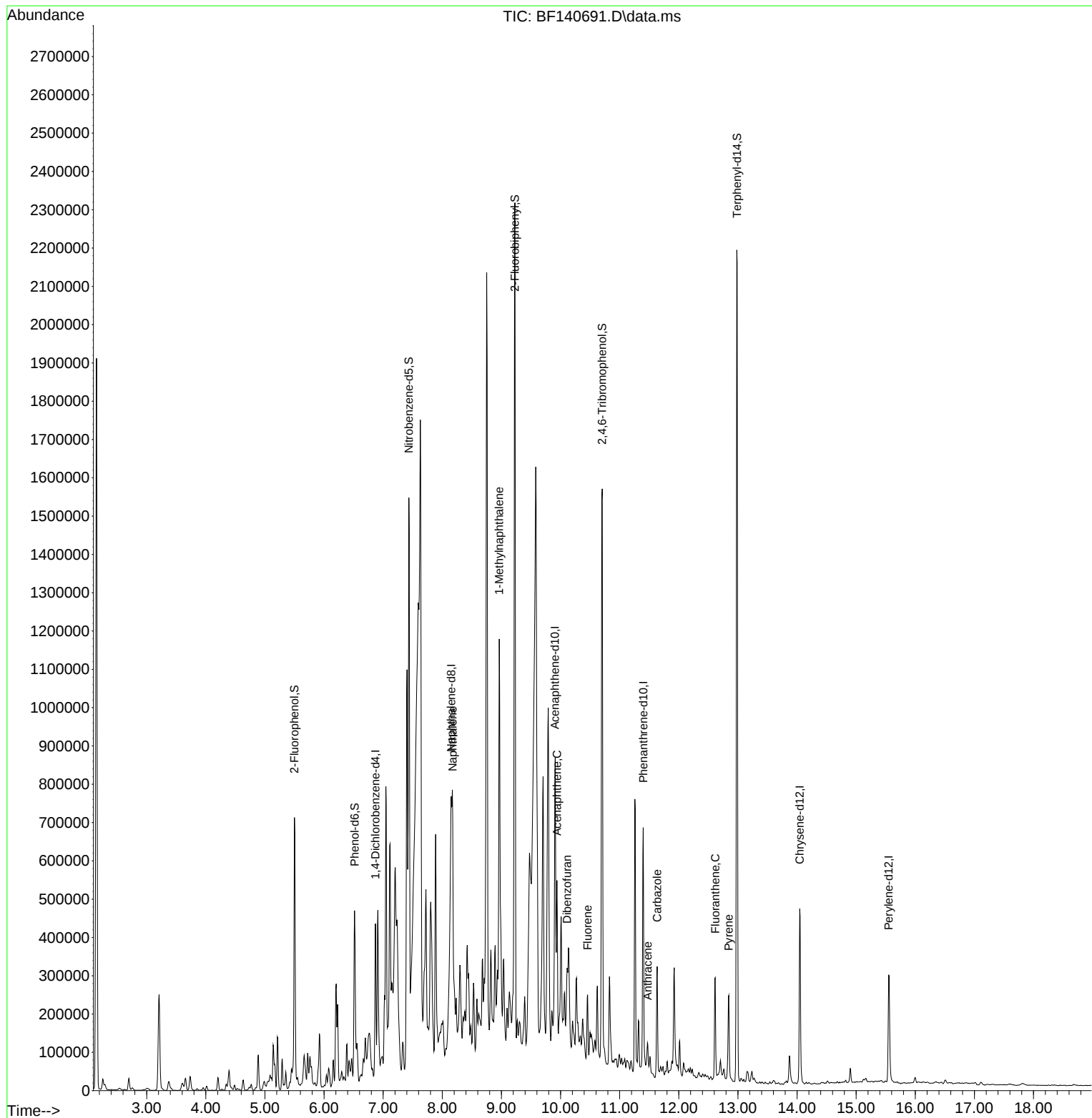
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	82990	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	310195	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	187284	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	343851	20.000	ng	0.00
76) Chrysene-d12	14.045	240	220062	20.000	ng	0.00
86) Perylene-d12	15.551	264	186765	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	287973	59.205	ng	0.00
7) Phenol-d6	6.516	99	240971	37.474	ng	0.00
23) Nitrobenzene-d5	7.434	82	544788	89.834	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	272629	136.109	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1043034	82.979	ng	0.00
79) Terphenyl-d14	12.986	244	1132151	80.110	ng	0.00
Target Compounds						
						Qvalue
31) Naphthalene	8.175	128	333789	20.891	ng	99
38) 1-Methylnaphthalene	8.963	142	62926	6.326	ng	98
52) Acenaphthene	9.939	154	117354	11.537	ng	99
55) Dibenzofuran	10.110	168	86370	5.567	ng	99
58) Fluorene	10.457	166	63075	5.065	ng	99
72) Anthracene	11.475	178	42059	2.601	ng	# 94
73) Carbazole	11.633	167	157829	10.147	ng	100
75) Fluoranthene	12.616	202	156421	8.716	ng	99
78) Pyrene	12.845	202	136286	6.698	ng	99

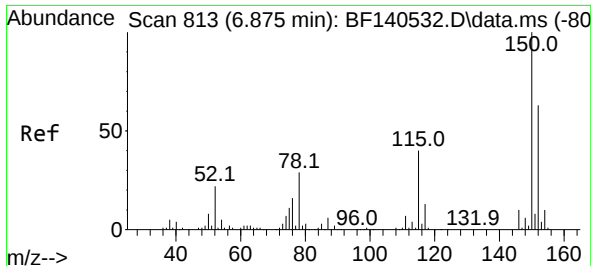
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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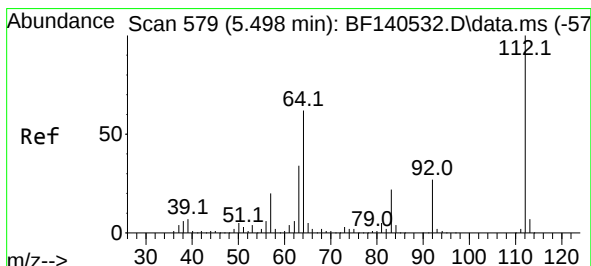
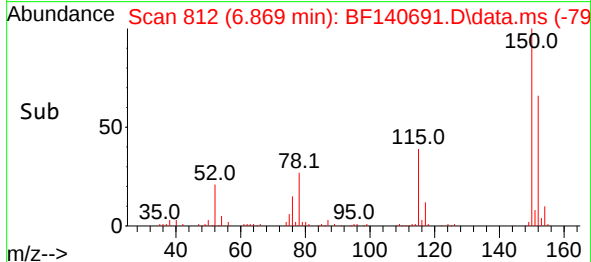
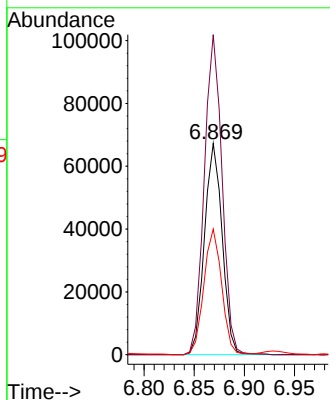
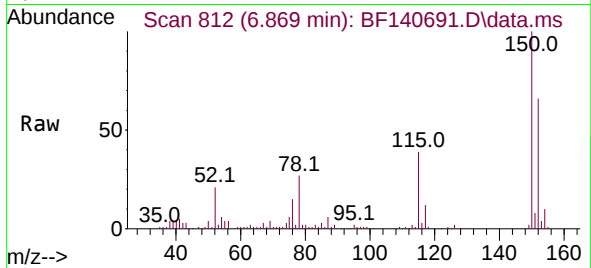




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

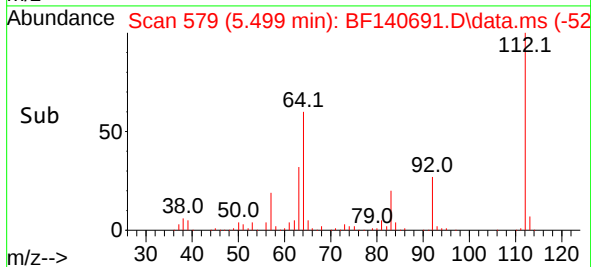
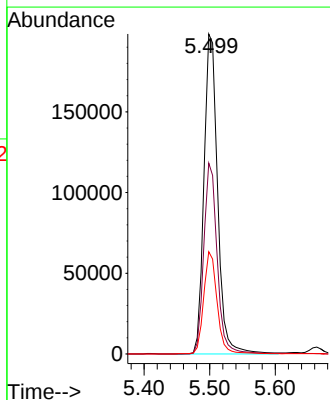
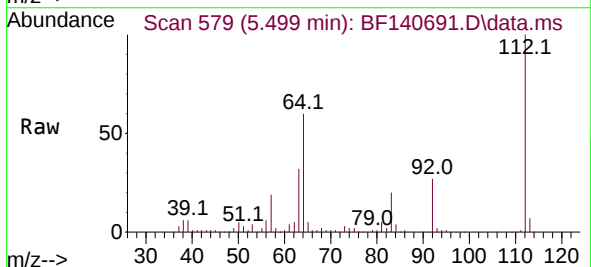
Instrument :
BNA_F
ClientSampleId :
MW-06

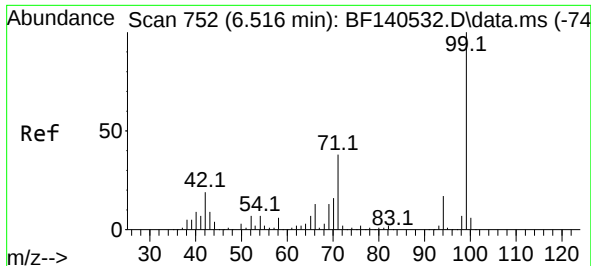
Tgt Ion:152 Resp: 82990
Ion Ratio Lower Upper
152 100
150 151.5 128.5 192.7
115 59.5 50.2 75.4



#5
2-Fluorophenol
Concen: 59.205 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

Tgt Ion:112 Resp: 287973
Ion Ratio Lower Upper
112 100
64 59.7 49.2 73.8
63 31.9 27.0 40.4

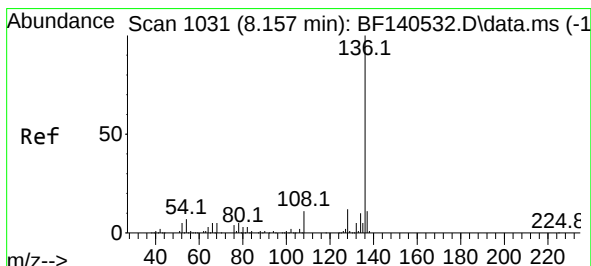
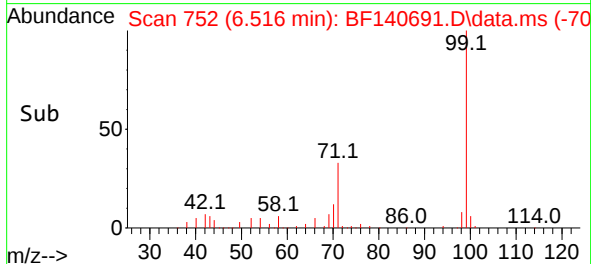
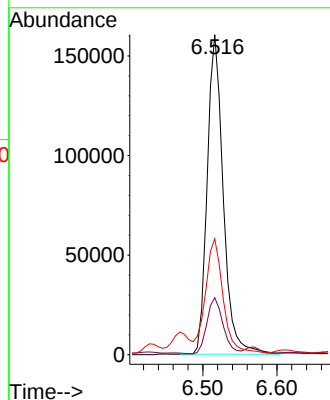
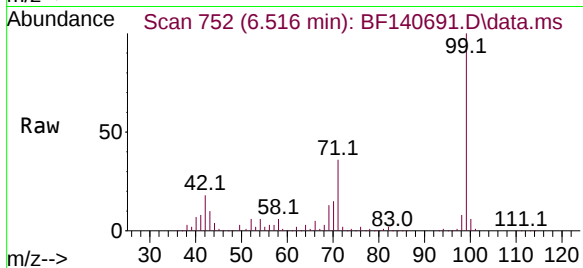




#7
Phenol-d6
Concen: 37.474 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

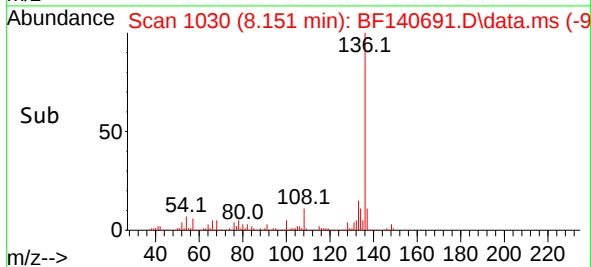
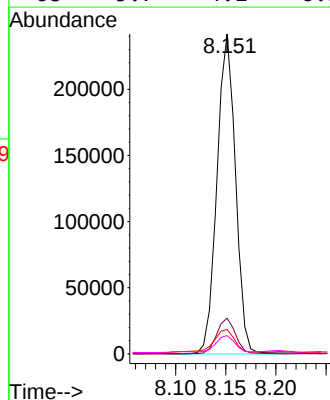
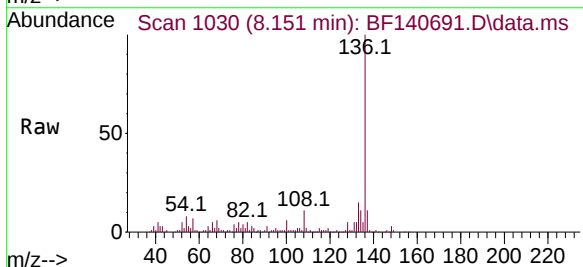
Instrument :
BNA_F
ClientSampleId :
MW-06

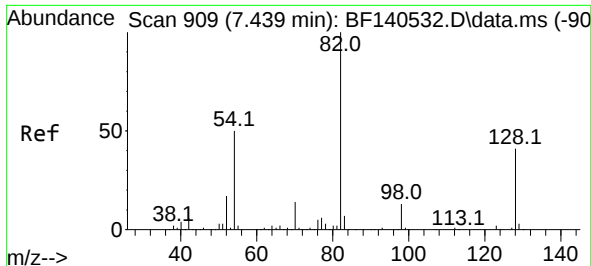
Tgt Ion: 99 Resp: 240971
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 36.2 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

Tgt Ion: 136 Resp: 310195
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 7.6 5.8 8.8
68 5.7 4.1 6.1

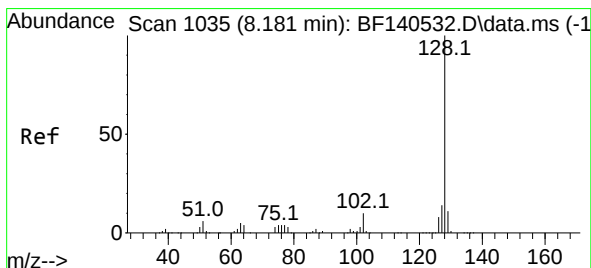
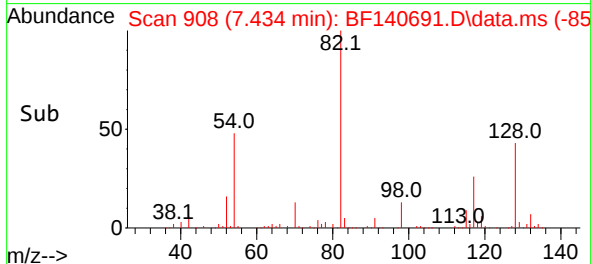
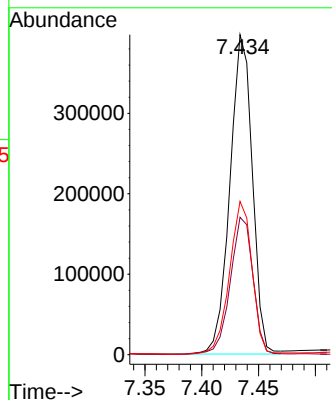
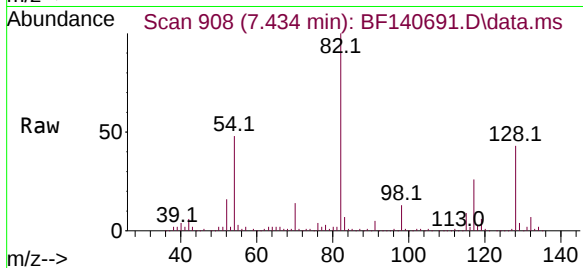




#23
 Nitrobenzene-d5
 Concen: 89.834 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140691.D
 Acq: 02 Dec 2024 16:21

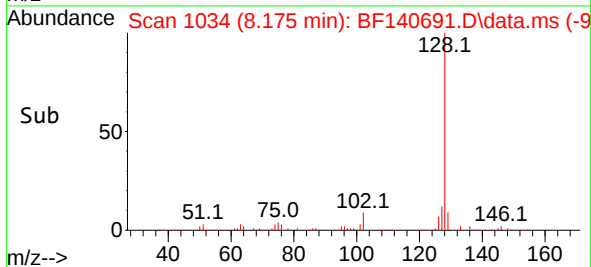
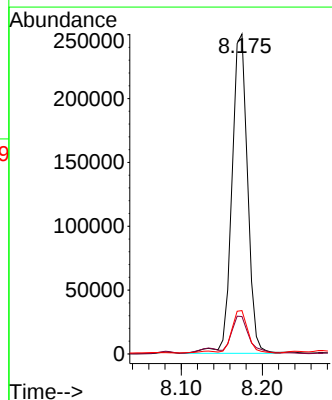
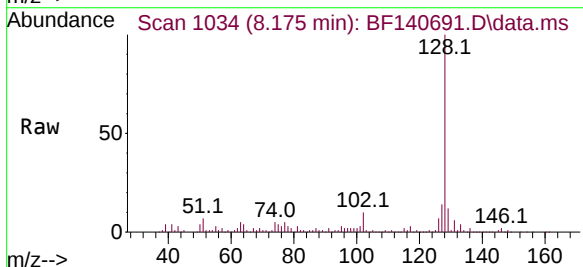
Instrument :
 BNA_F
 ClientSampleId :
 MW-06

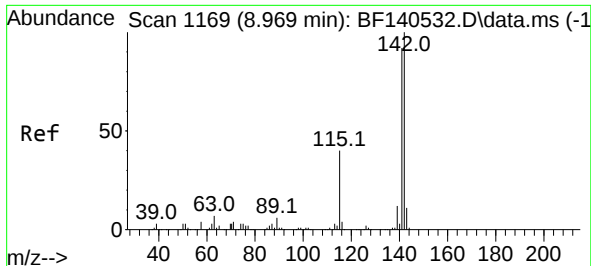
Tgt Ion: 82 Resp: 544788
 Ion Ratio Lower Upper
 82 100
 128 42.9 33.0 49.4
 54 47.9 39.5 59.3



#31
 Naphthalene
 Concen: 20.891 ng
 RT: 8.175 min Scan# 1034
 Delta R.T. -0.006 min
 Lab File: BF140691.D
 Acq: 02 Dec 2024 16:21

Tgt Ion: 128 Resp: 333789
 Ion Ratio Lower Upper
 128 100
 129 11.7 8.6 13.0
 127 13.5 10.8 16.2

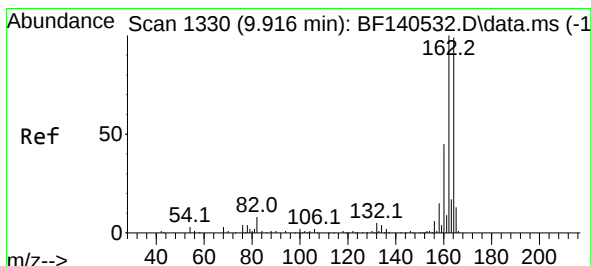
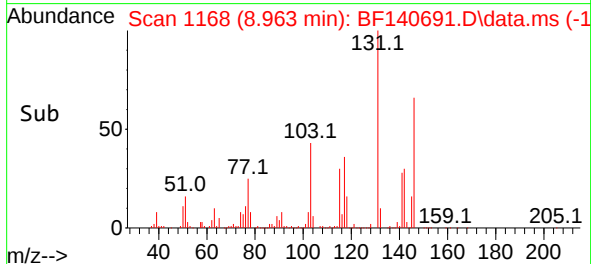
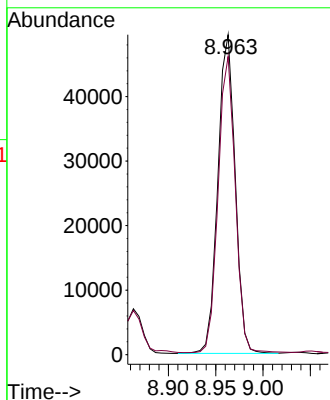
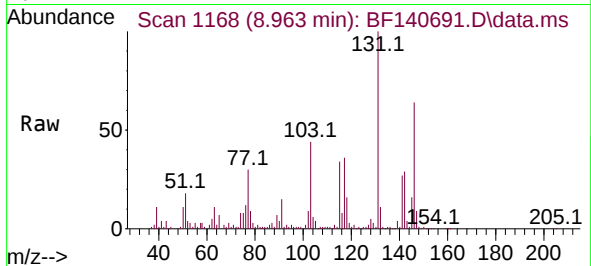




#38
1-Methylnaphthalene
Concen: 6.326 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

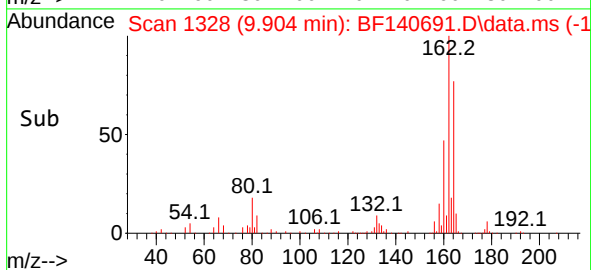
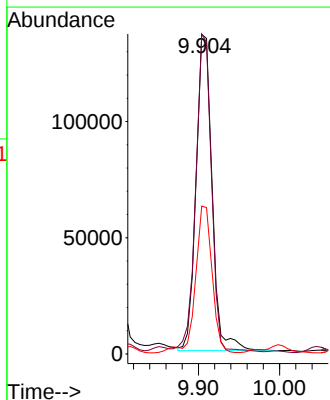
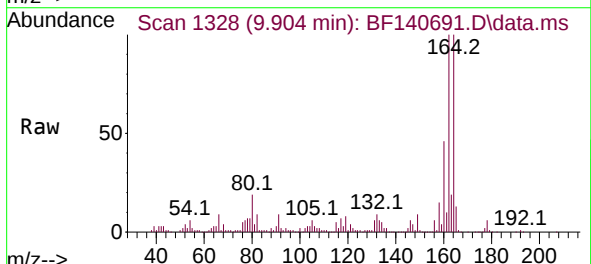
Instrument :
BNA_F
ClientSampleId :
MW-06

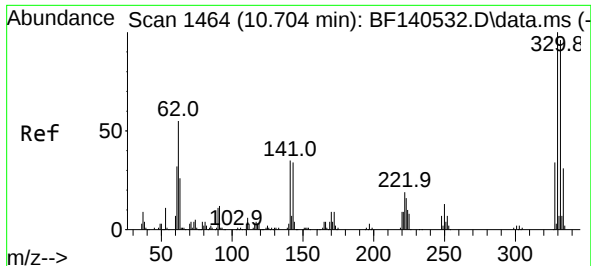
Tgt Ion:142 Resp: 62926
Ion Ratio Lower Upper
142 100
141 93.2 73.3 109.9



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

Tgt Ion:164 Resp: 187284
Ion Ratio Lower Upper
164 100
162 100.1 80.6 120.8
160 46.3 36.2 54.4





#42

2,4,6-Tribromophenol

Concen: 136.109 ng

RT: 10.704 min Scan# 1464

Delta R.T. 0.000 min

Lab File: BF140691.D

Acq: 02 Dec 2024 16:21

Instrument :

BNA_F

ClientSampleId :

MW-06

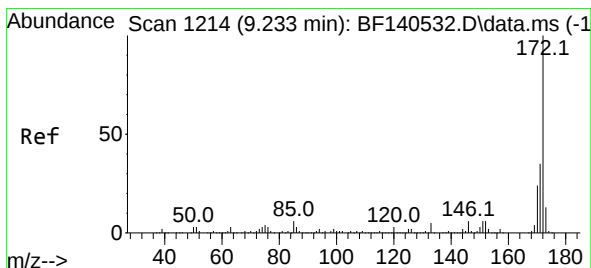
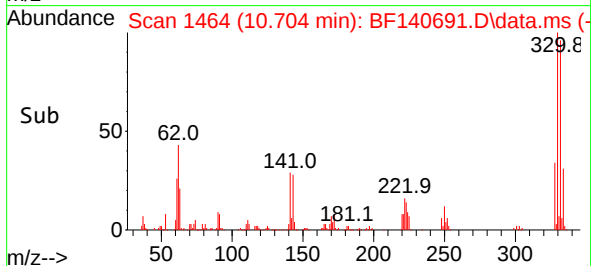
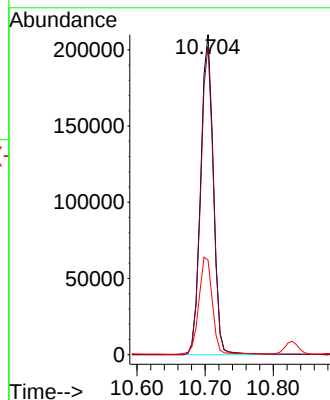
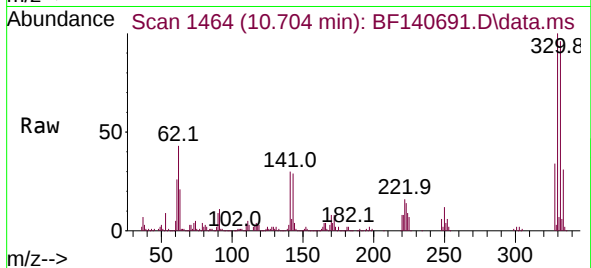
Tgt Ion:330 Resp: 272629

Ion Ratio Lower Upper

330 100

332 96.6 76.9 115.3

141 32.1 26.7 40.1



#45

2-Fluorobiphenyl

Concen: 82.979 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140691.D

Acq: 02 Dec 2024 16:21

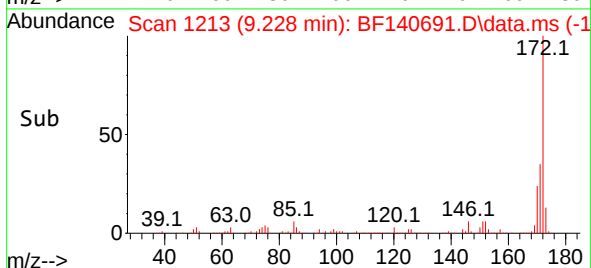
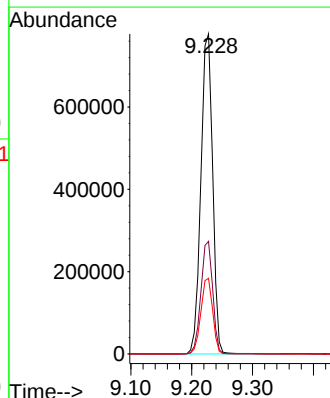
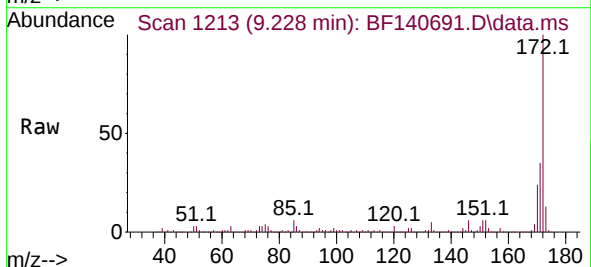
Tgt Ion:172 Resp: 1043034

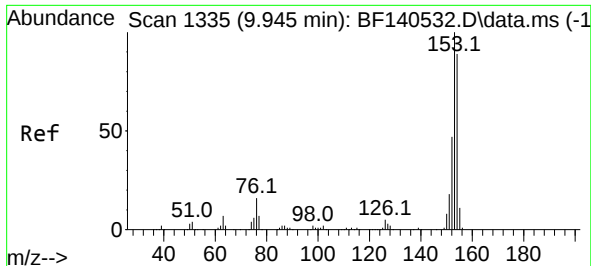
Ion Ratio Lower Upper

172 100

171 35.2 28.4 42.6

170 23.6 19.0 28.6

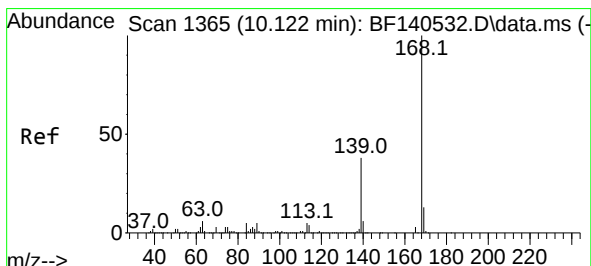
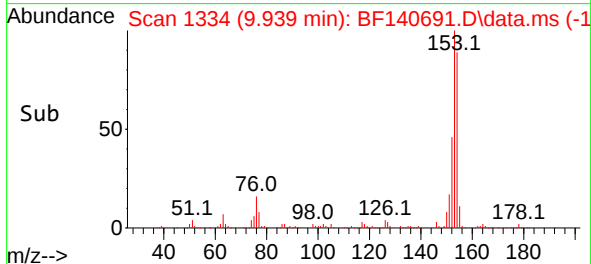
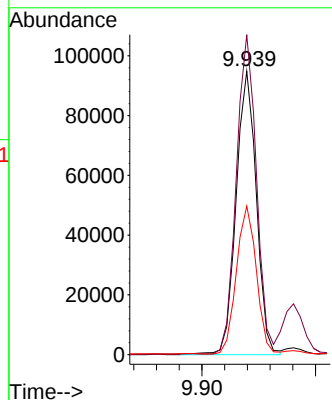
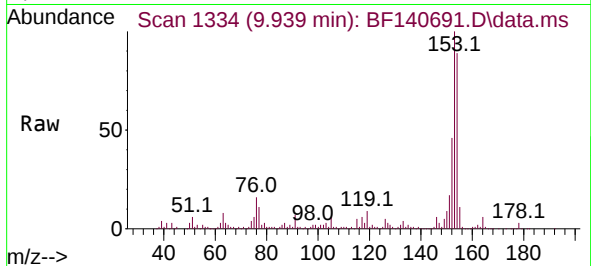




#52
Acenaphthene
Concen: 11.537 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.006 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

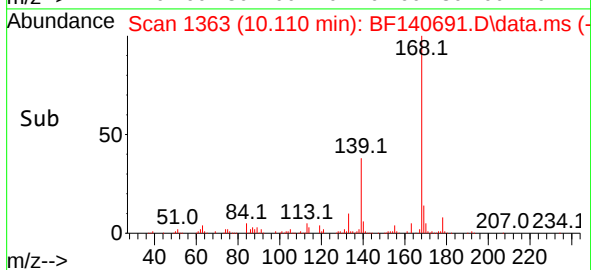
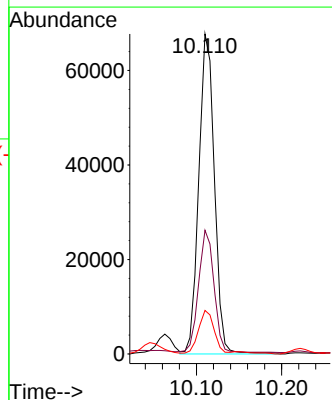
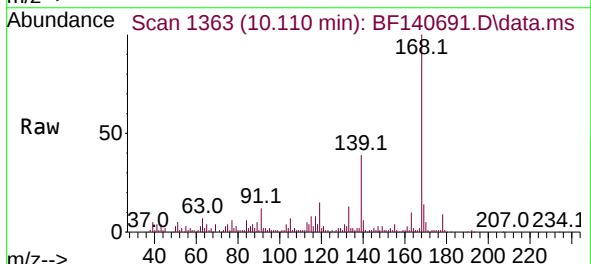
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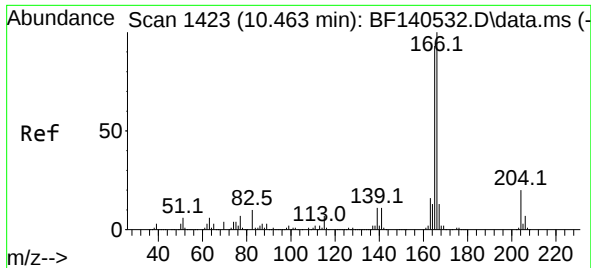
Tgt Ion:154 Resp: 117354
Ion Ratio Lower Upper
154 100
153 112.9 89.7 134.5
152 52.4 42.5 63.7



#55
Dibenzofuran
Concen: 5.567 ng
RT: 10.110 min Scan# 1363
Delta R.T. -0.012 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

Tgt Ion:168 Resp: 86370
Ion Ratio Lower Upper
168 100
139 38.7 31.3 46.9
169 13.6 10.5 15.7

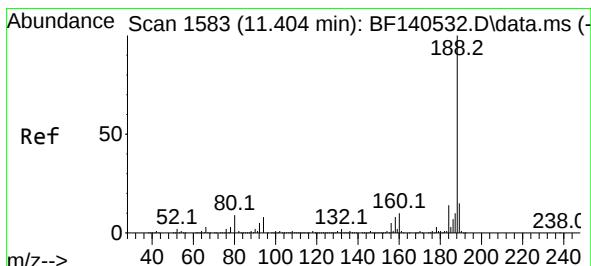
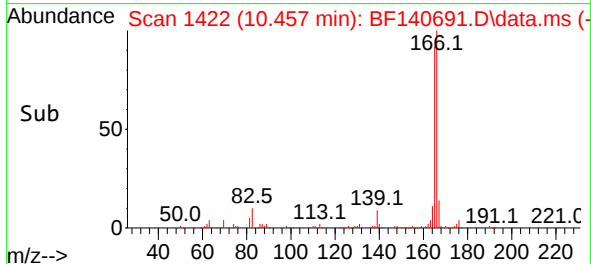
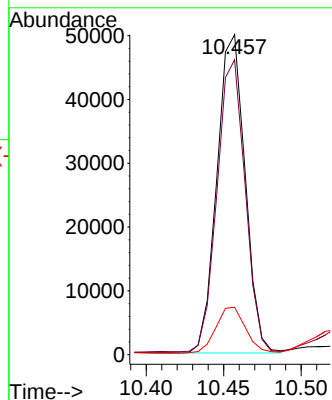
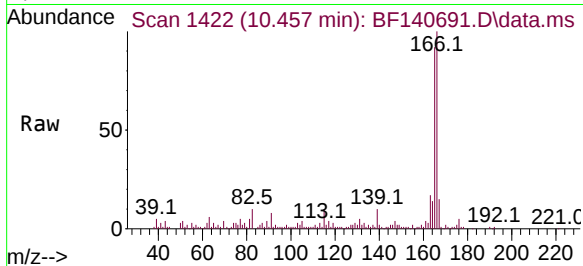




#58
 Fluorene
 Concen: 5.065 ng
 RT: 10.457 min Scan# 1422
 Delta R.T. -0.006 min
 Lab File: BF140691.D
 Acq: 02 Dec 2024 16:21

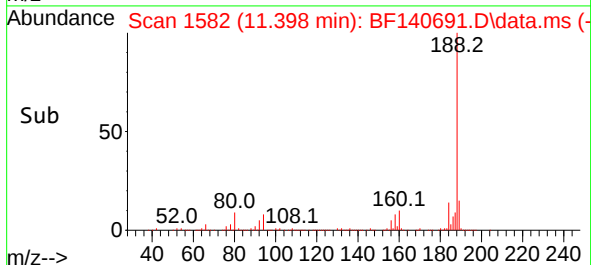
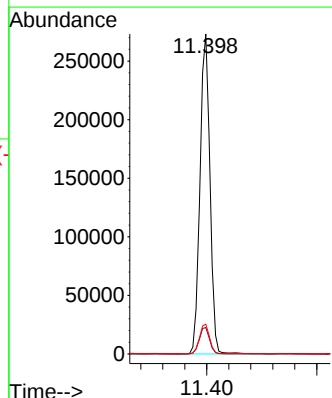
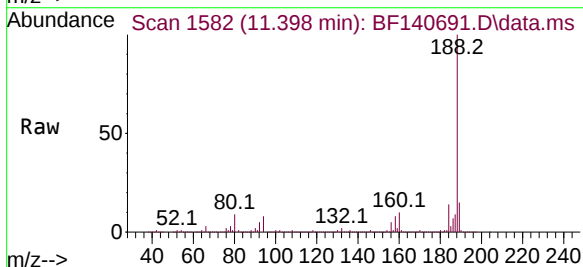
Instrument :
 BNA_F
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 MW-06

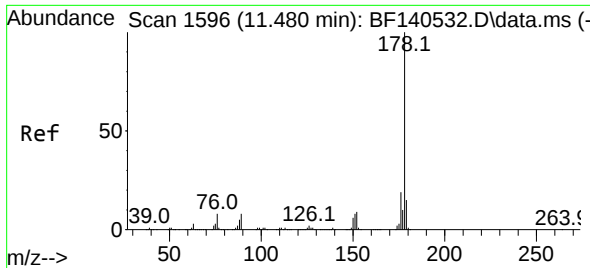
Tgt Ion:166 Resp: 63075
 Ion Ratio Lower Upper
 166 100
 165 92.1 74.6 111.8
 167 14.8 10.6 16.0



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.398 min Scan# 1582
 Delta R.T. -0.006 min
 Lab File: BF140691.D
 Acq: 02 Dec 2024 16:21

Tgt Ion:188 Resp: 343851
 Ion Ratio Lower Upper
 188 100
 94 8.3 6.4 9.6
 80 9.3 6.9 10.3

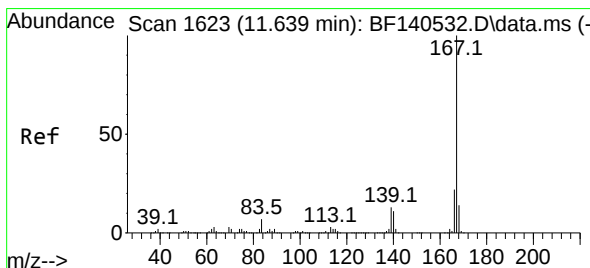
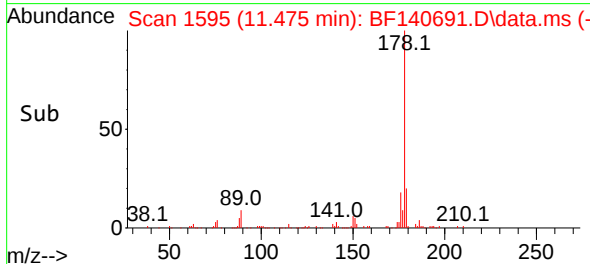
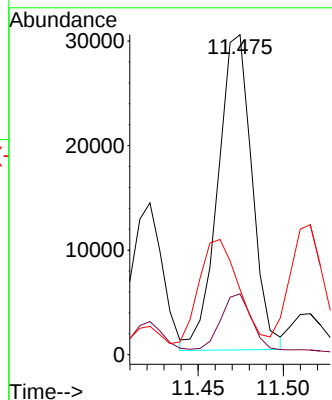
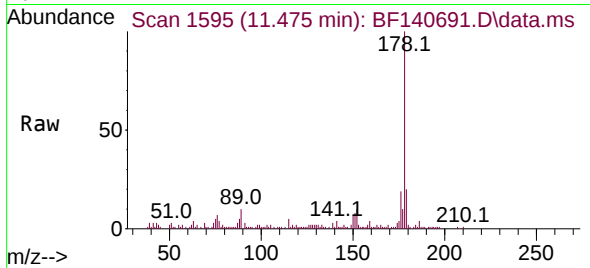




#72
Anthracene
Concen: 2.601 ng
RT: 11.475 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

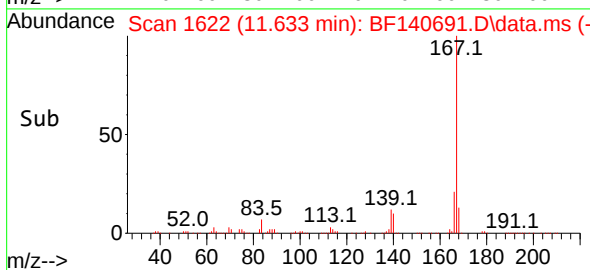
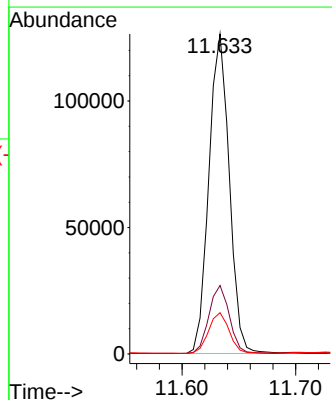
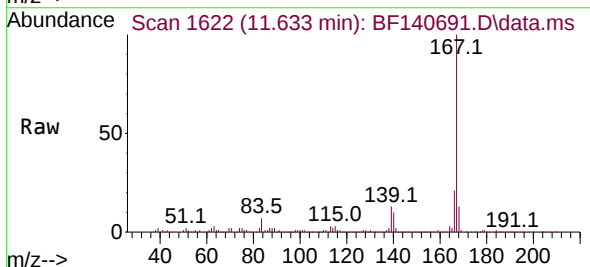
Instrument :
BNA_F
ClientSampleId :
MW-06

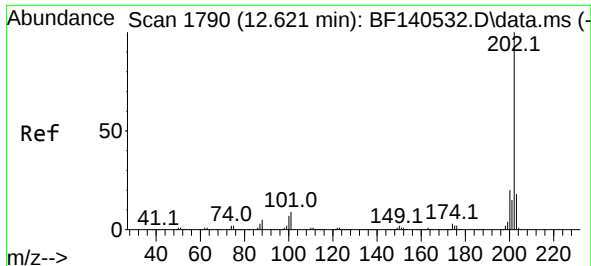
Tgt Ion:178 Resp: 42059
Ion Ratio Lower Upper
178 100
176 19.0 15.0 22.4
179 20.4 12.2 18.4#



#73
Carbazole
Concen: 10.147 ng
RT: 11.633 min Scan# 1622
Delta R.T. -0.006 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

Tgt Ion:167 Resp: 157829
Ion Ratio Lower Upper
167 100
166 21.4 17.2 25.8
139 12.9 10.6 15.8

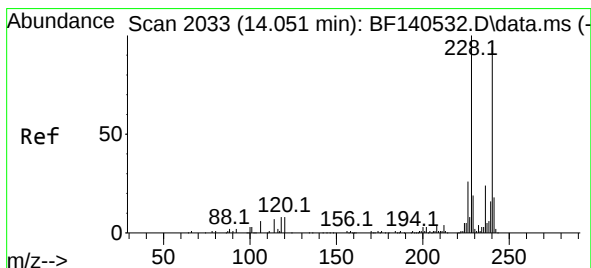
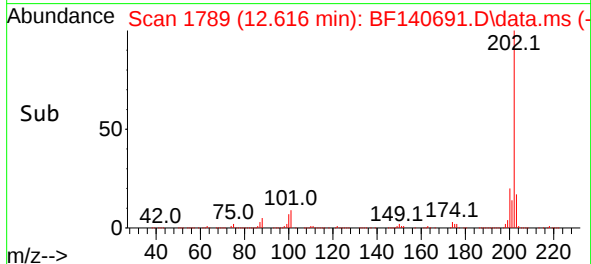
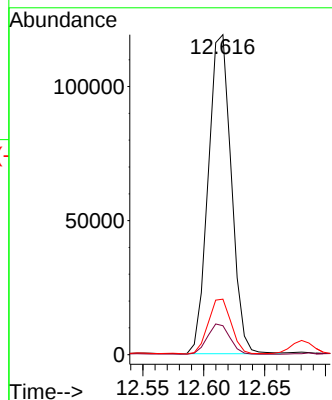
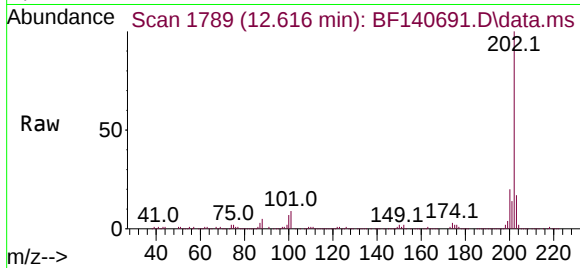




#75
Fluoranthene
Concen: 8.716 ng
RT: 12.616 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

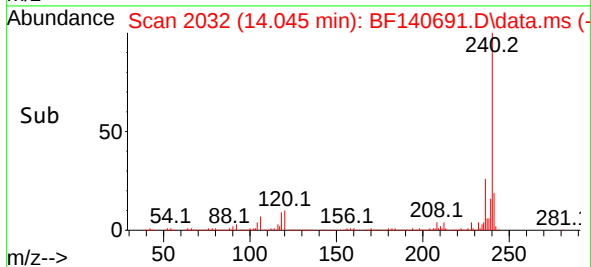
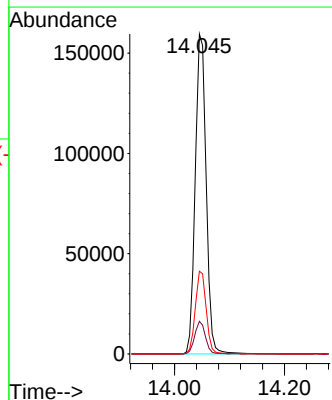
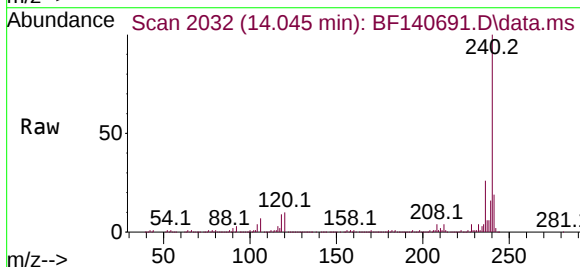
Instrument :
BNA_F
ClientSampleId :
MW-06

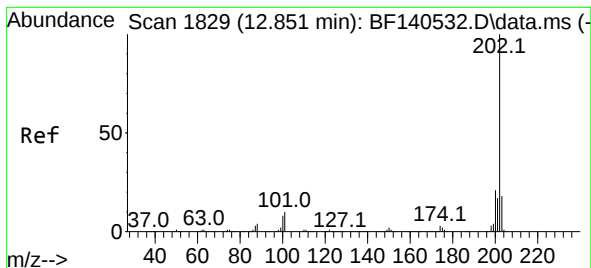
Tgt Ion:202 Resp: 156421
Ion Ratio Lower Upper
202 100
101 9.1 0.0 28.9
203 17.3 0.0 37.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140691.D
Acq: 02 Dec 2024 16:21

Tgt Ion:240 Resp: 220062
Ion Ratio Lower Upper
240 100
120 10.2 7.3 10.9
236 25.9 20.6 31.0





#78

Pyrene

Concen: 6.698 ng

RT: 12.845 min Scan# 1828

Delta R.T. -0.006 min

Lab File: BF140691.D

Acq: 02 Dec 2024 16:21

Instrument :

BNA_F

ClientSampleId :

MW-06

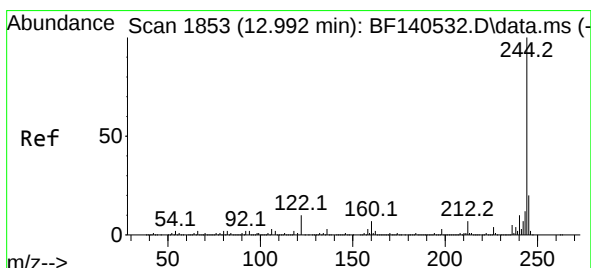
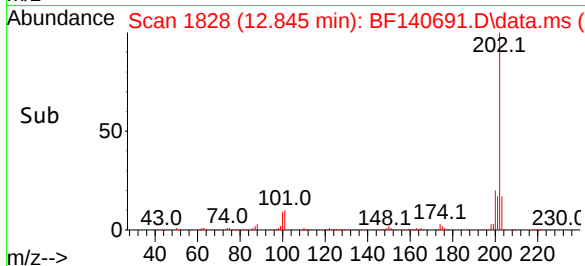
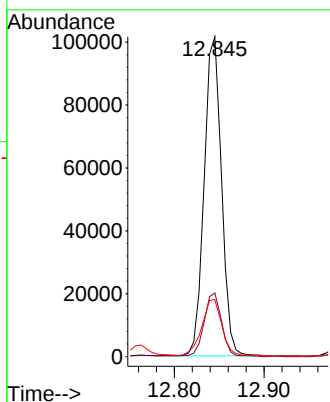
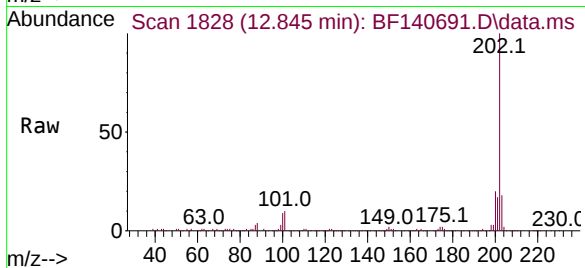
Tgt Ion:202 Resp: 136286

Ion Ratio Lower Upper

202 100

200 19.9 16.5 24.7

203 17.9 14.2 21.4



#79

Terphenyl-d14

Concen: 80.110 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140691.D

Acq: 02 Dec 2024 16:21

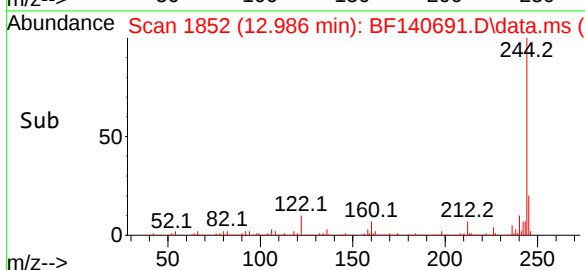
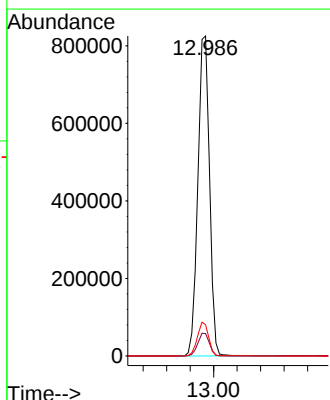
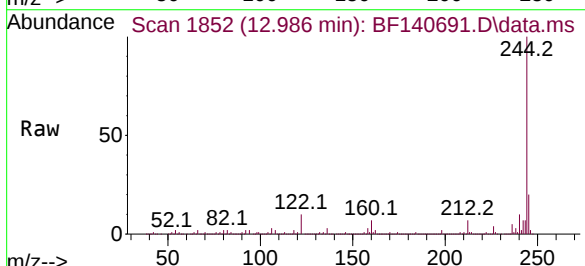
Tgt Ion:244 Resp: 1132151

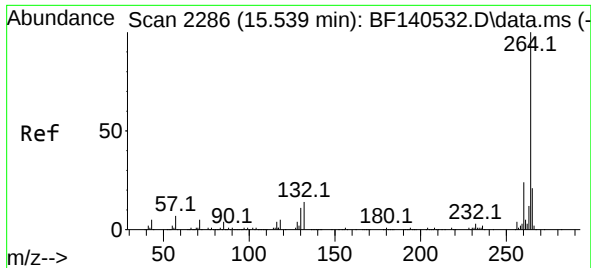
Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.8

122 9.7 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.551 min Scan# 21
 Delta R.T. 0.012 min
 Lab File: BF140691.D
 Acq: 02 Dec 2024 16:21

Instrument :
 BNA_F
 ClientSampleId :
 MW-06

Tgt Ion:264 Resp: 186765
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.3 16.6 25.0

