

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120324\
 Data File : BF140712.D
 Acq On : 03 Dec 2024 15:50
 Operator : RC/JU
 Sample : P5021-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-12

Quant Time: Dec 03 16:19:53 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)

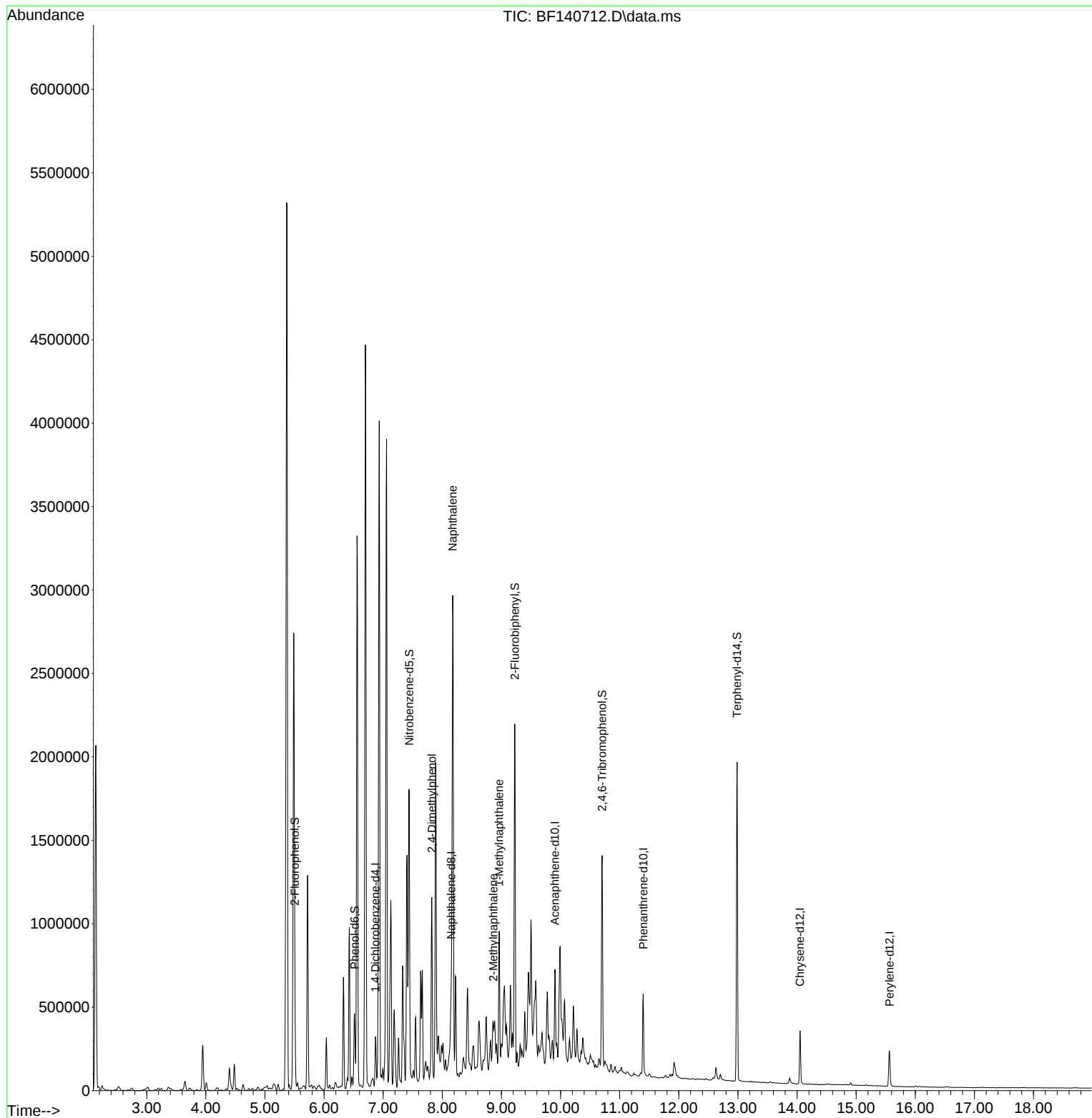
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	67828	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	251382	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	155575	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	260123	20.000	ng	0.00
76) Chrysene-d12	14.051	240	154428	20.000	ng	0.00
86) Perylene-d12	15.563	264	130761	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	239806	60.323	ng	0.00
7) Phenol-d6	6.516	99	221548	42.155	ng	0.00
23) Nitrobenzene-d5	7.440	82	459487	93.495	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	232321	139.626	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	923517	88.445	ng	0.00
79) Terphenyl-d14	12.986	244	964218	97.224	ng	0.00
Target Compounds						Qvalue
27) 2,4-Dimethylphenol	7.822	122	96474	35.821	ng	# 90
31) Naphthalene	8.175	128	1843578	142.379	ng	99
37) 2-Methylnaphthalene	8.863	142	26000	3.161	ng	99
38) 1-Methylnaphthalene	8.963	142	199942	24.802	ng	100

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

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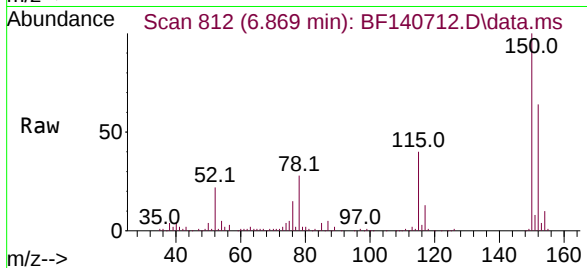
Quant Time: Dec 03 16:19:53 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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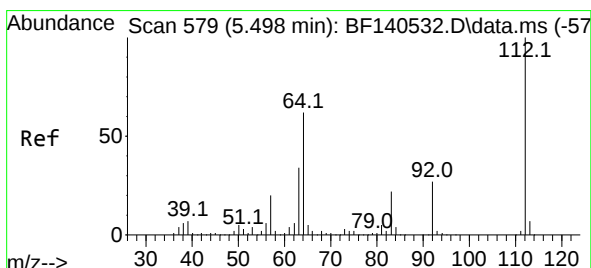
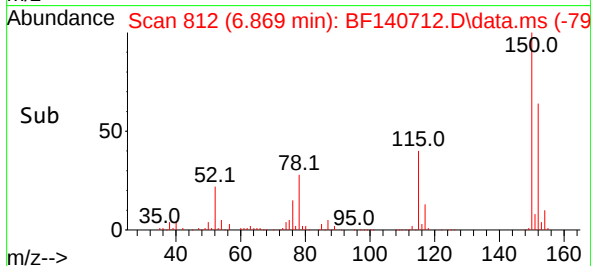
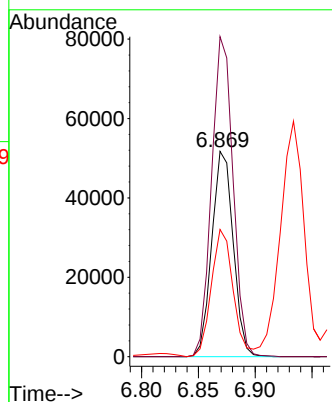


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140712.D
Acq: 03 Dec 2024 15:50

Instrument :
BNA_F
ClientSampleId :
MW-12

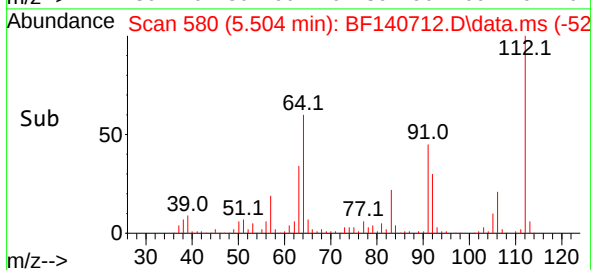
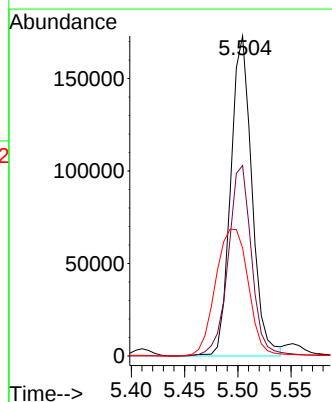
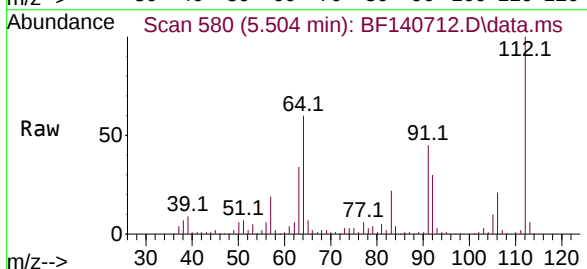


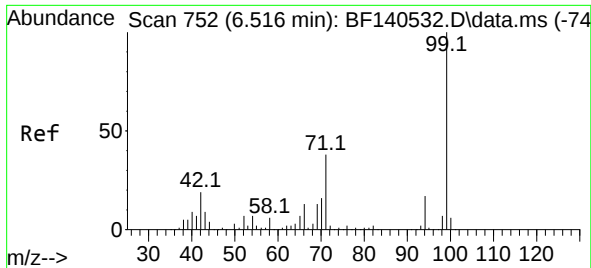
Tgt Ion:152 Resp: 67828
Ion Ratio Lower Upper
152 100
150 155.9 128.5 192.7
115 62.0 50.2 75.4



#5
2-Fluorophenol
Concen: 60.323 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140712.D
Acq: 03 Dec 2024 15:50

Tgt Ion:112 Resp: 239806
Ion Ratio Lower Upper
112 100
64 59.5 49.2 73.8
63 33.7 27.0 40.4

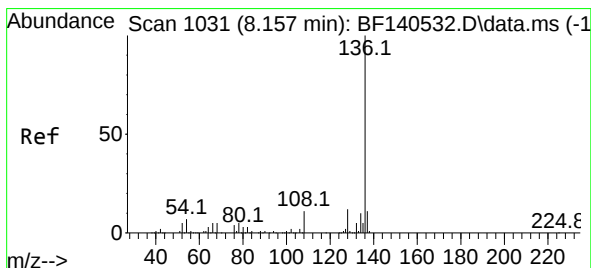
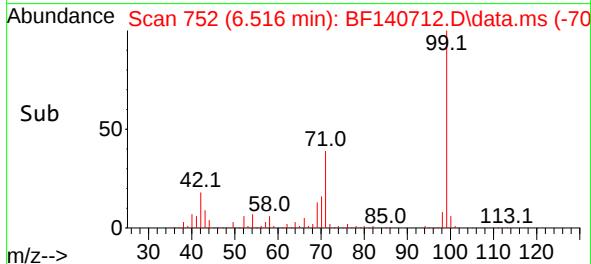
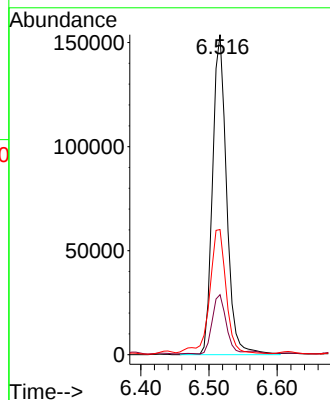
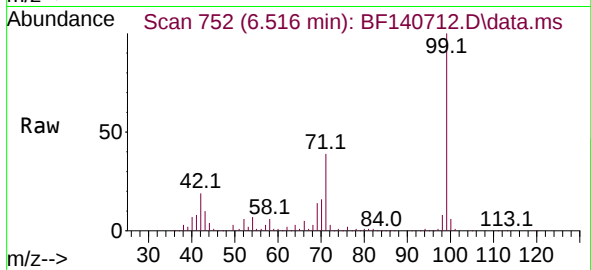




#7
Phenol-d6
Concen: 42.155 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140712.D
Acq: 03 Dec 2024 15:50

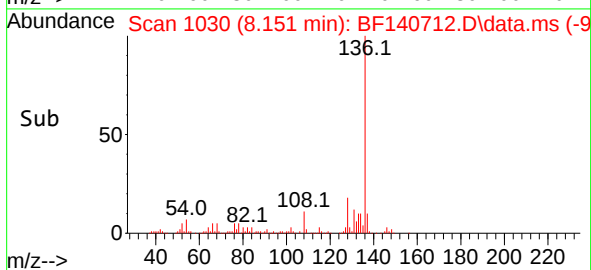
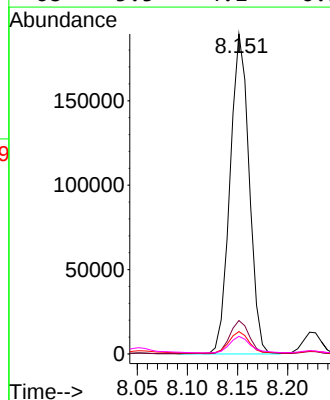
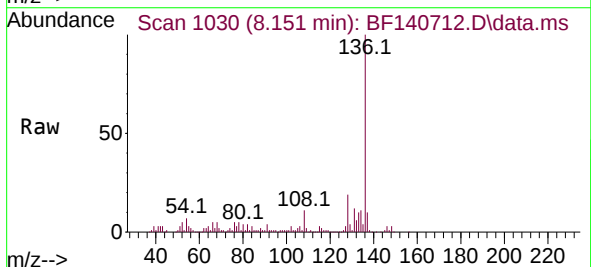
Instrument :
BNA_F
ClientSampleId :
MW-12

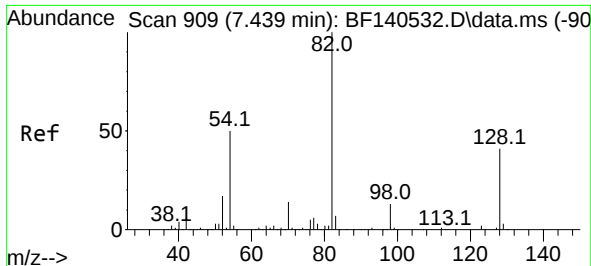
Tgt Ion: 99 Resp: 221548
Ion Ratio Lower Upper
99 100
42 18.8 15.4 23.0
71 39.1 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140712.D
Acq: 03 Dec 2024 15:50

Tgt Ion:136 Resp: 251382
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 7.0 5.8 8.8
68 5.5 4.1 6.1

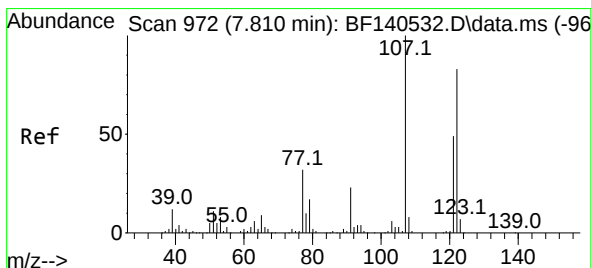
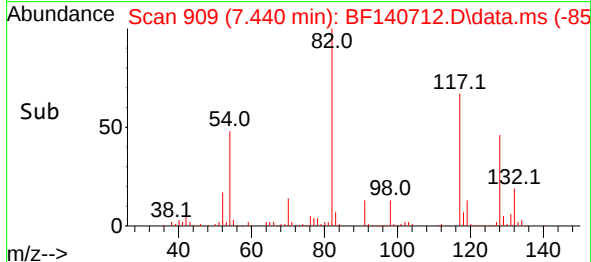
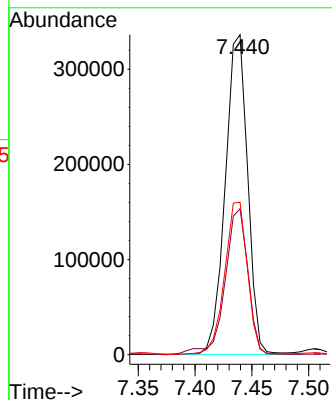
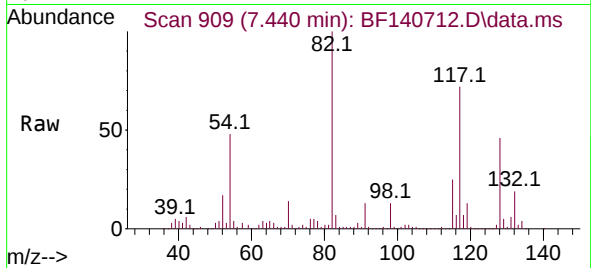




#23
Nitrobenzene-d5
Concen: 93.495 ng
RT: 7.440 min Scan# 909
Delta R.T. 0.000 min
Lab File: BF140712.D
Acq: 03 Dec 2024 15:50

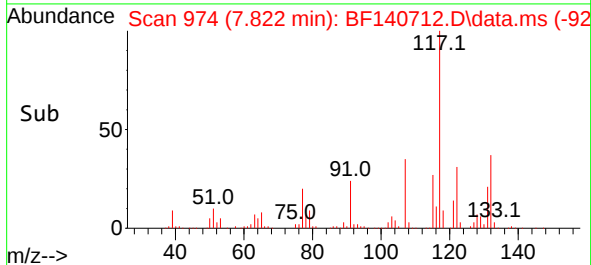
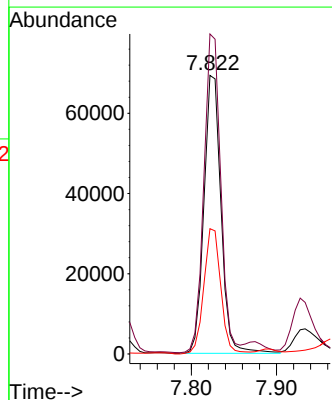
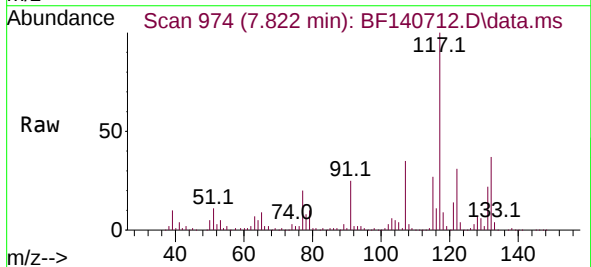
Instrument :
BNA_F
ClientSampleId :
MW-12

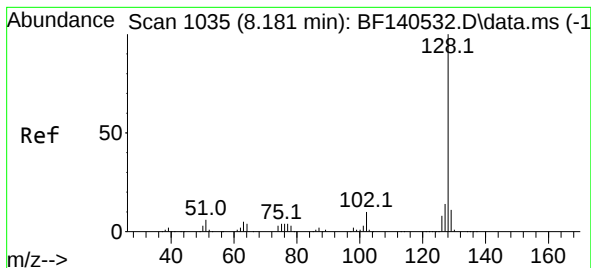
Tgt Ion: 82 Resp: 459487
Ion Ratio Lower Upper
82 100
128 45.6 33.0 49.4
54 47.6 39.5 59.3



#27
2,4-Dimethylphenol
Concen: 35.821 ng
RT: 7.822 min Scan# 974
Delta R.T. 0.012 min
Lab File: BF140712.D
Acq: 03 Dec 2024 15:50

Tgt Ion:122 Resp: 96474
Ion Ratio Lower Upper
122 100
107 114.9 96.8 145.2
121 45.0 47.4 71.0#





#31

Naphthalene

Concen: 142.379 ng

RT: 8.175 min Scan# 1034

Delta R.T. -0.006 min

Lab File: BF140712.D

Acq: 03 Dec 2024 15:50

Instrument :

BNA_F

ClientSampleId :

MW-12

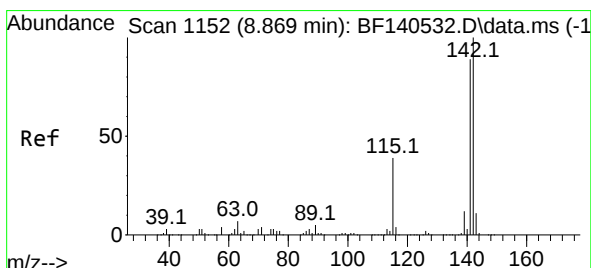
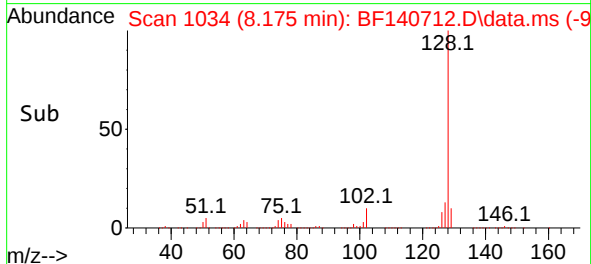
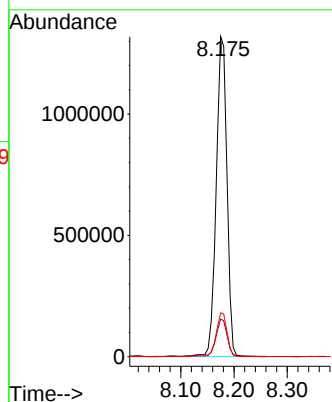
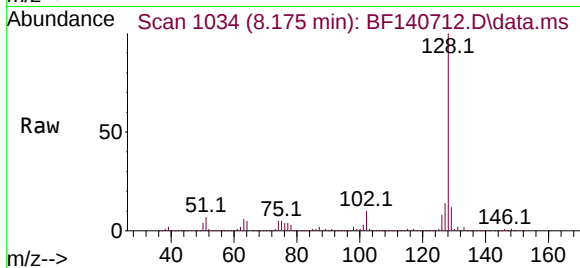
Tgt Ion:128 Resp: 1843578

Ion Ratio Lower Upper

128 100

129 11.8 8.6 13.0

127 13.7 10.8 16.2



#37

2-Methylnaphthalene

Concen: 3.161 ng

RT: 8.863 min Scan# 1151

Delta R.T. -0.006 min

Lab File: BF140712.D

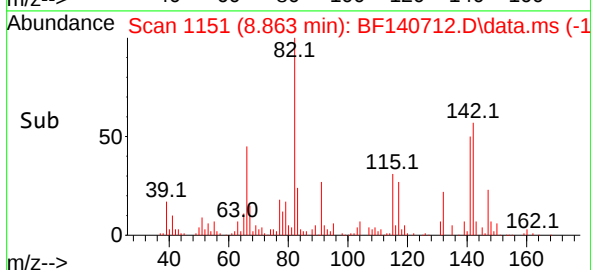
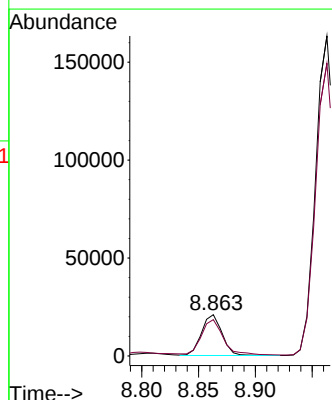
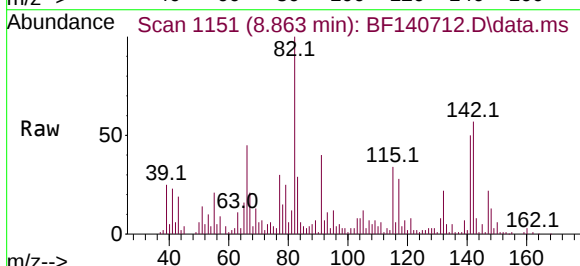
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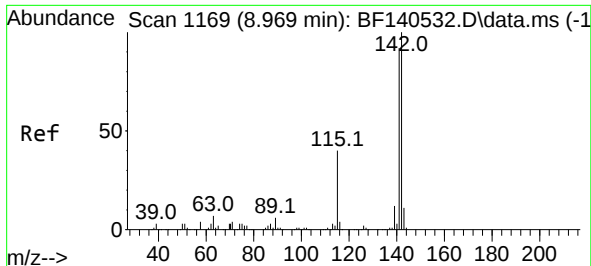
Tgt Ion:142 Resp: 26000

Ion Ratio Lower Upper

142 100

141 88.0 71.0 106.6





#38

1-Methylnaphthalene

Concen: 24.802 ng

RT: 8.963 min Scan# 1169

Delta R.T. -0.006 min

Lab File: BF140712.D

Acq: 03 Dec 2024 15:50

Instrument :

BNA_F

ClientSampleId :

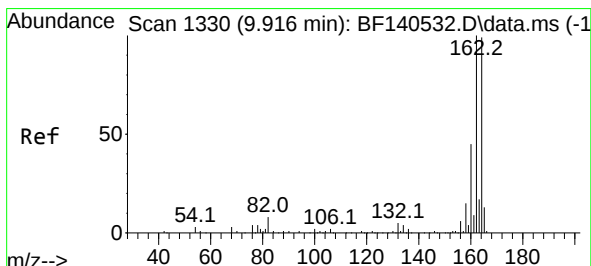
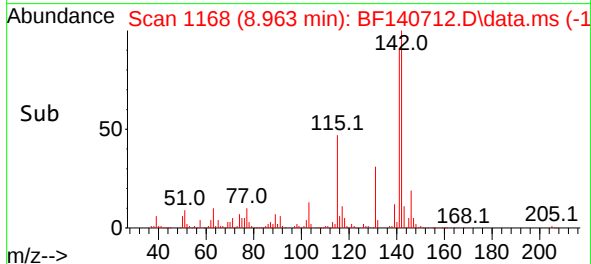
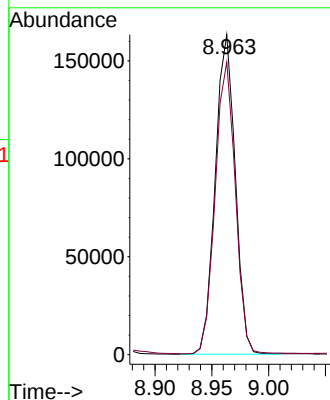
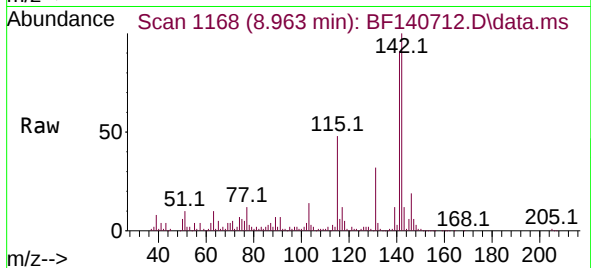
MW-12

Tgt Ion:142 Resp: 199942

Ion Ratio Lower Upper

142 100

141 91.5 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: BF140712.D

Acq: 03 Dec 2024 15:50

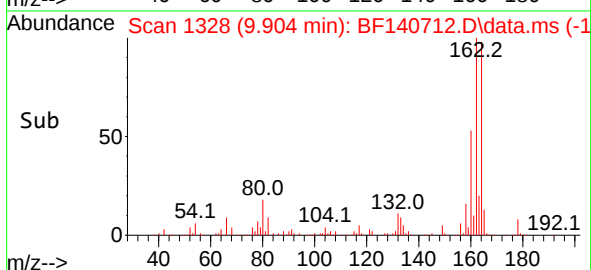
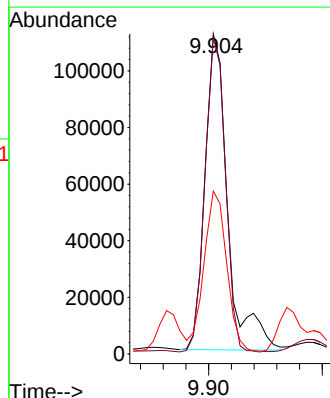
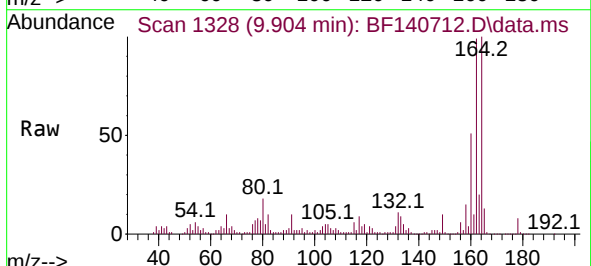
Tgt Ion:164 Resp: 155575

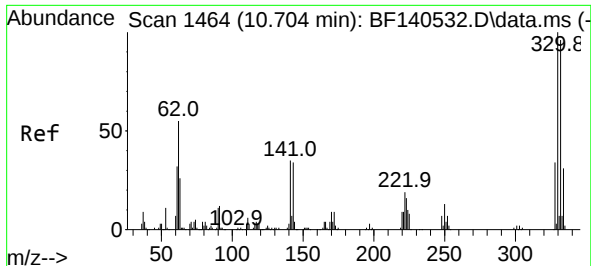
Ion Ratio Lower Upper

164 100

162 99.0 80.6 120.8

160 50.9 36.2 54.4

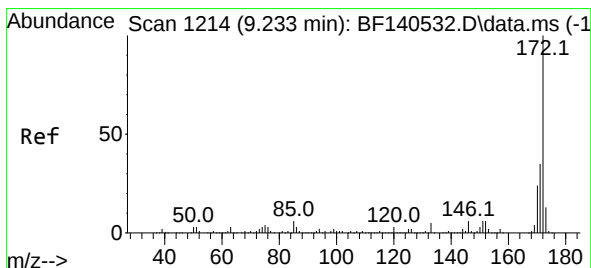
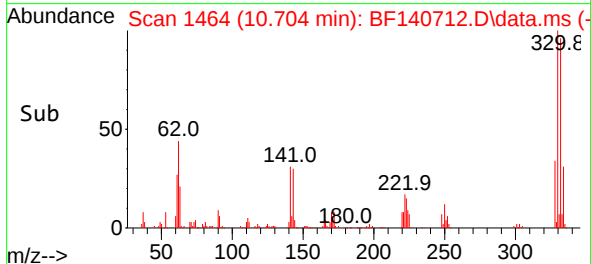
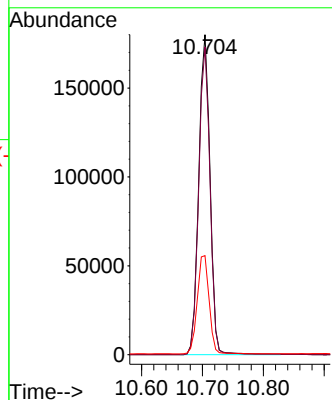
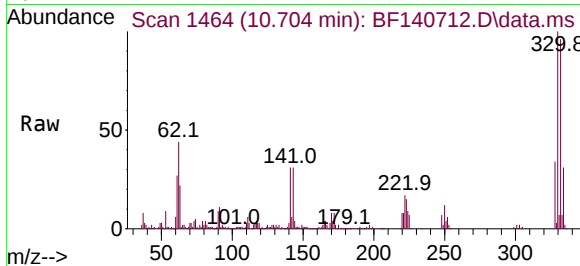




#42
2,4,6-Tribromophenol
Concen: 139.626 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140712.D
Acq: 03 Dec 2024 15:50

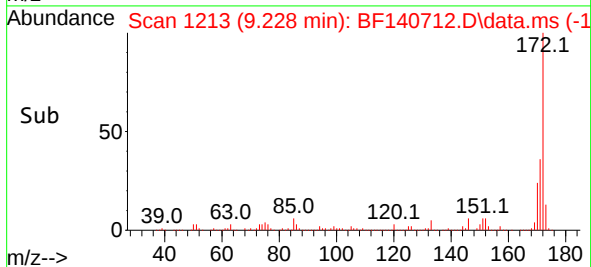
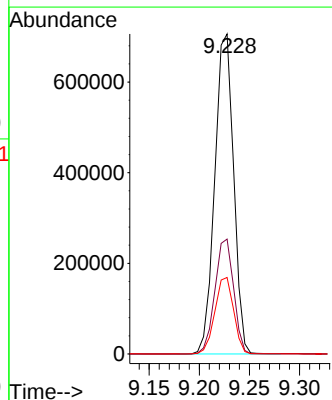
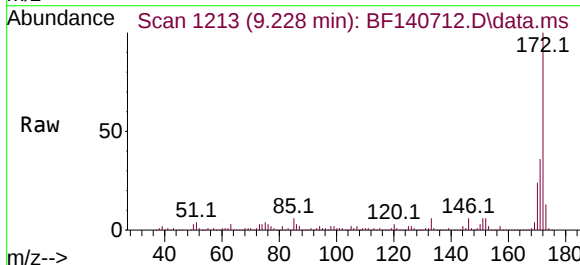
Instrument :
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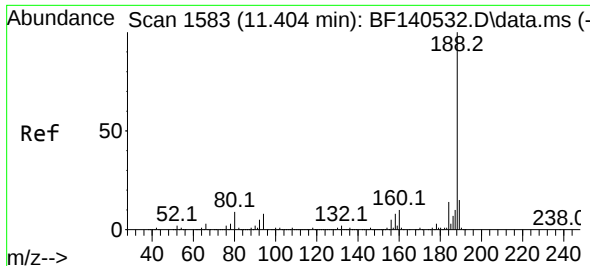
Tgt Ion:330 Resp: 232321
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 32.2 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 88.445 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140712.D
Acq: 03 Dec 2024 15:50

Tgt Ion:172 Resp: 923517
Ion Ratio Lower Upper
172 100
171 35.9 28.4 42.6
170 23.9 19.0 28.6

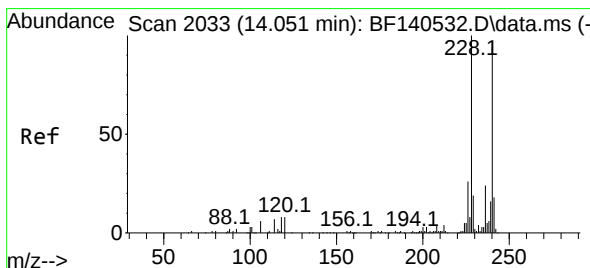
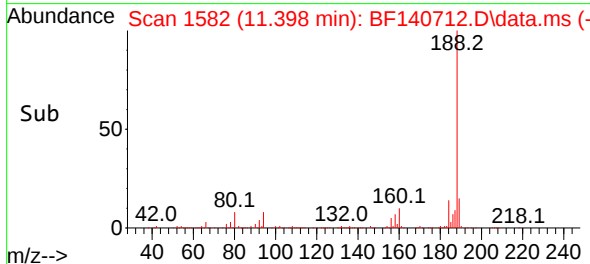
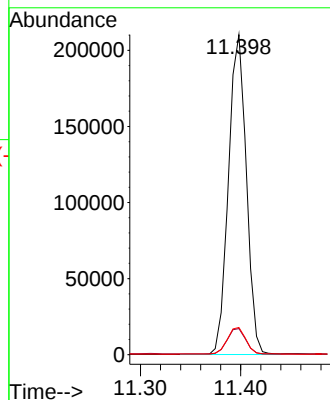
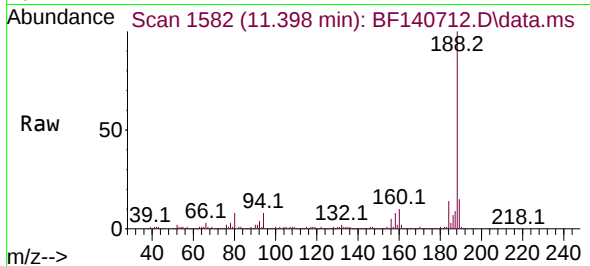




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140712.D
Acq: 03 Dec 2024 15:50

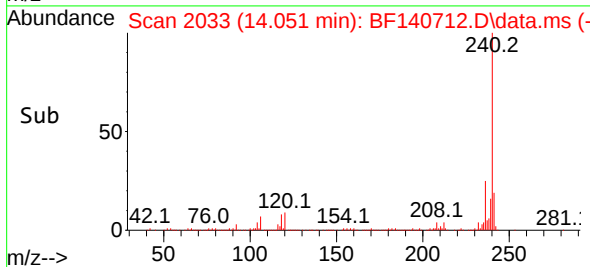
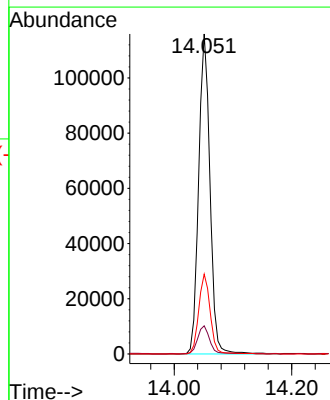
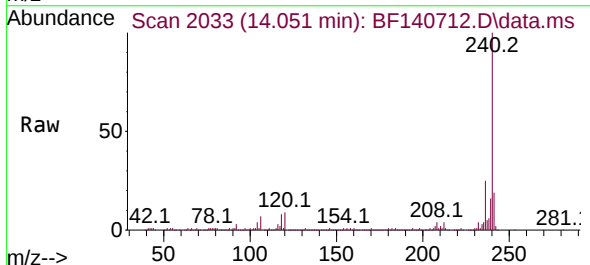
Instrument :
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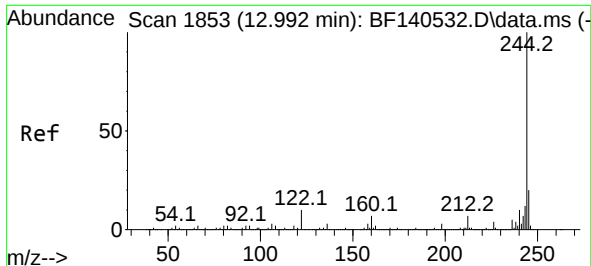
Tgt Ion:188 Resp: 260123
Ion Ratio Lower Upper
188 100
94 8.2 6.4 9.6
80 8.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140712.D
Acq: 03 Dec 2024 15:50

Tgt Ion:240 Resp: 154428
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 25.0 20.6 31.0

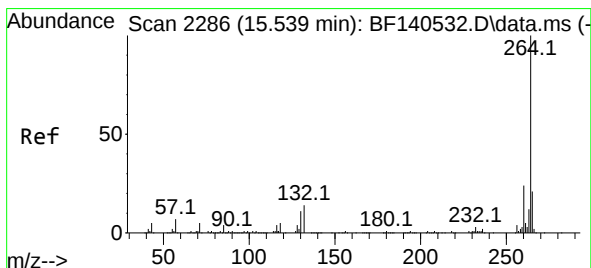
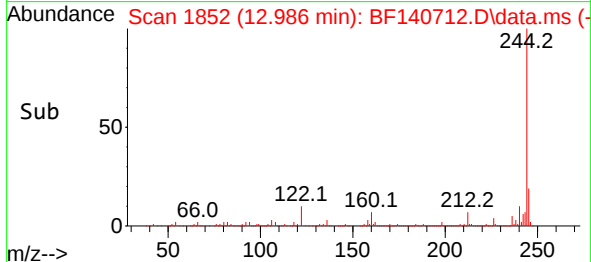
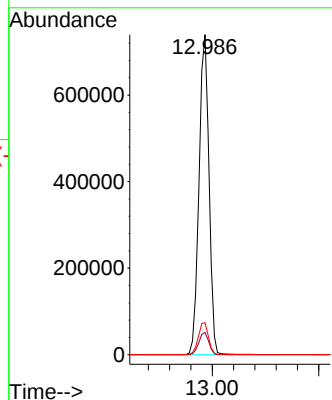
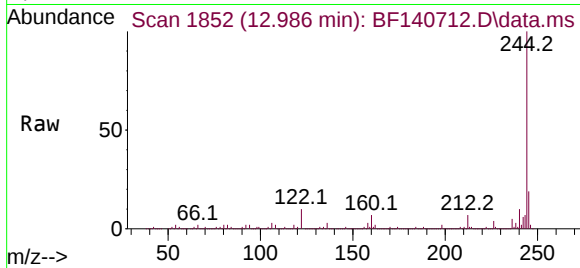




#79
Terphenyl-d14
Concen: 97.224 ng
RT: 12.986 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140712.D
Acq: 03 Dec 2024 15:50

Instrument :
BNA_F
ClientSampleId :
MW-12

Tgt Ion:244 Resp: 964218
Ion Ratio Lower Upper
244 100
212 6.9 5.8 8.8
122 10.0 8.0 12.0



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.563 min Scan# 2290
Delta R.T. 0.024 min
Lab File: BF140712.D
Acq: 03 Dec 2024 15:50

Tgt Ion:264 Resp: 130761
Ion Ratio Lower Upper
264 100
260 23.3 19.0 28.6
265 21.6 16.6 25.0

