

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120224\
 Data File : BF140688.D
 Acq On : 02 Dec 2024 15:03
 Operator : RC/JU
 Sample : P5021-05
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Quant Time: Dec 02 15:41:50 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	82130	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	307028	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	174760	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	319066	20.000	ng	0.00
76) Chrysene-d12	14.051	240	197195	20.000	ng	0.00
86) Perylene-d12	15.568	264	158239	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.499	112	304229	63.202	ng	0.00
7) Phenol-d6	6.504	99	242916	38.172	ng	-0.01
23) Nitrobenzene-d5	7.434	82	576667	96.072	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	264102	141.301	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1102934	94.032	ng	-0.01
79) Terphenyl-d14	12.986	244	1150164	90.822	ng	0.00

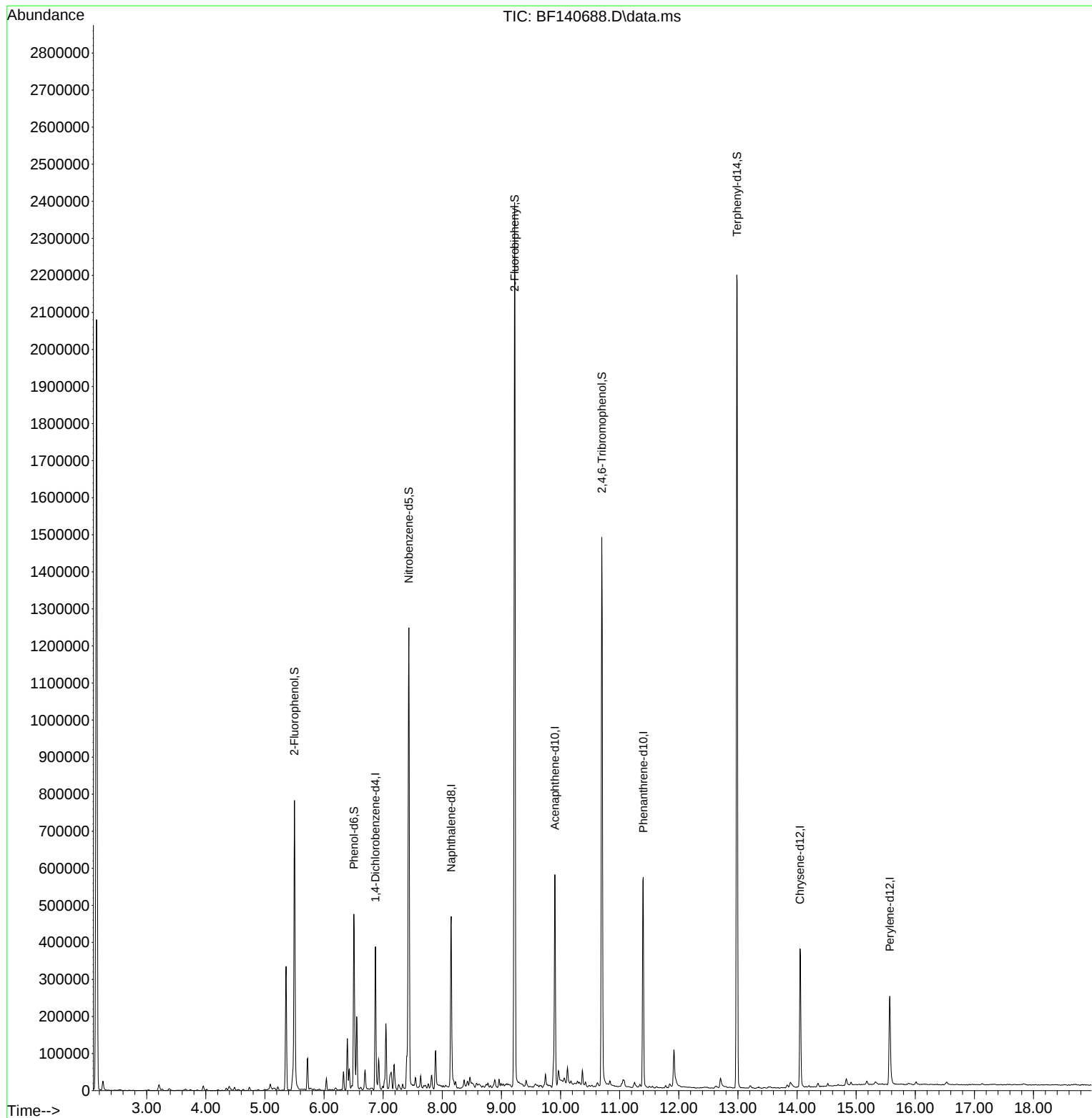
Target Compounds	Qvalue

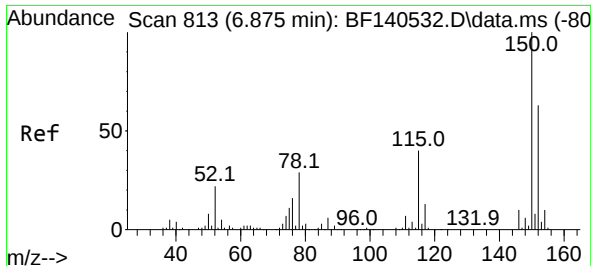
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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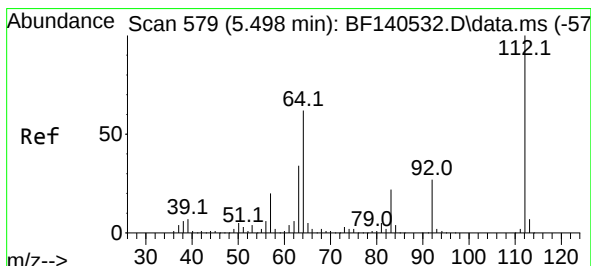
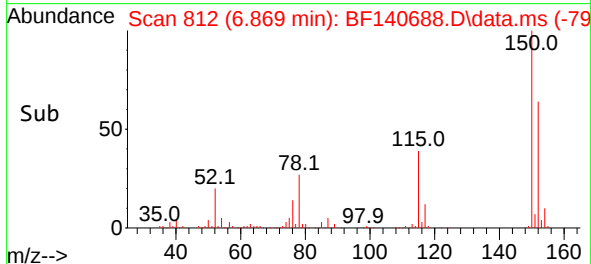
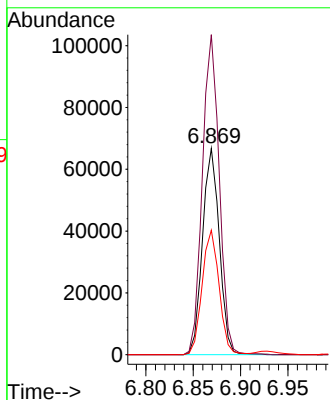
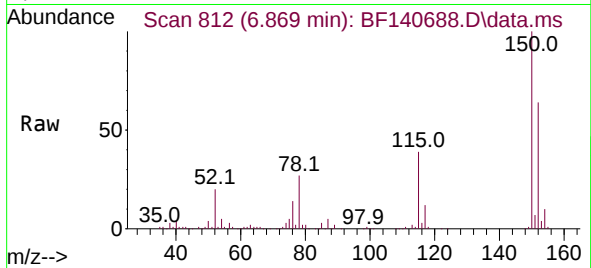




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

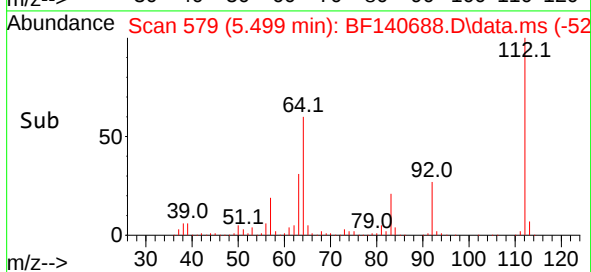
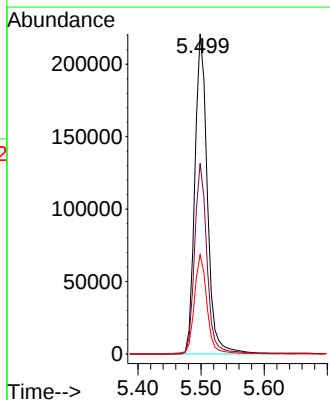
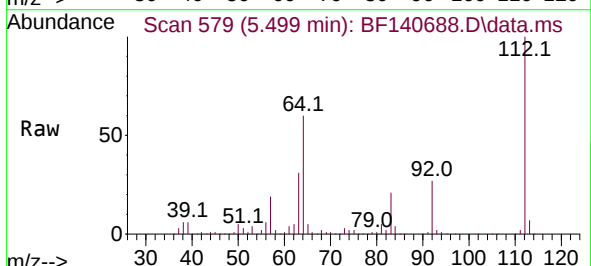
Instrument :
BNA_F
ClientSampleId :
MW-13

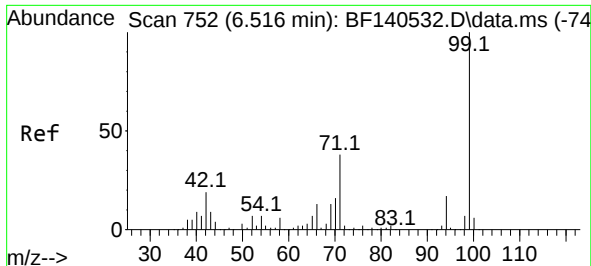
Tgt Ion:152 Resp: 82130
Ion Ratio Lower Upper
152 100
150 155.1 128.5 192.7
115 60.4 50.2 75.4



#5
2-Fluorophenol
Concen: 63.202 ng
RT: 5.499 min Scan# 579
Delta R.T. 0.000 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

Tgt Ion:112 Resp: 304229
Ion Ratio Lower Upper
112 100
64 59.5 49.2 73.8
63 31.0 27.0 40.4

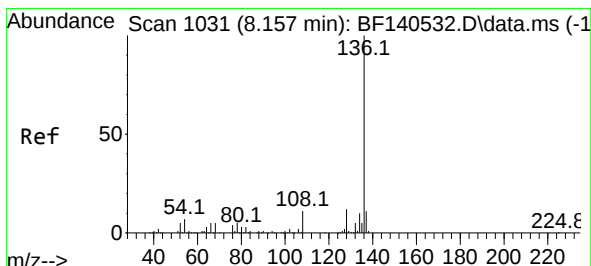
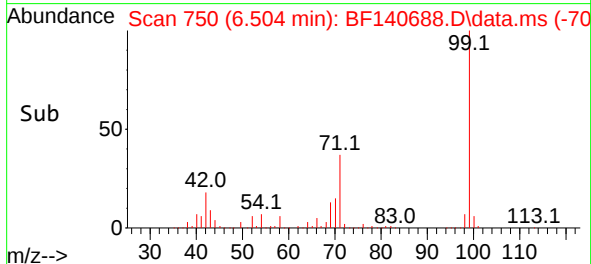
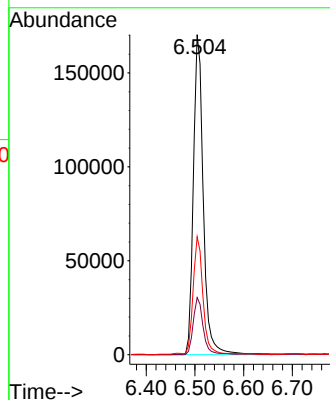
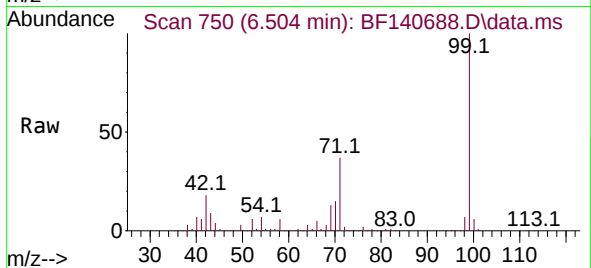




#7
Phenol-d6
Concen: 38.172 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

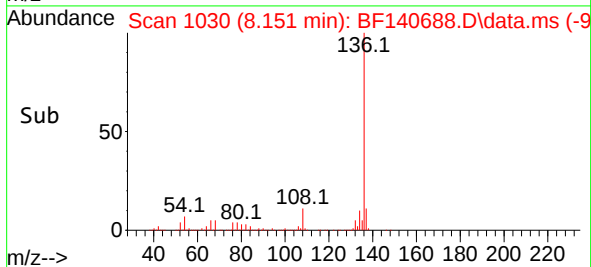
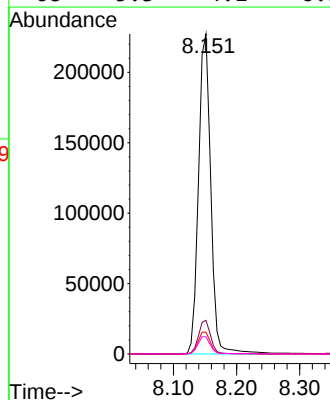
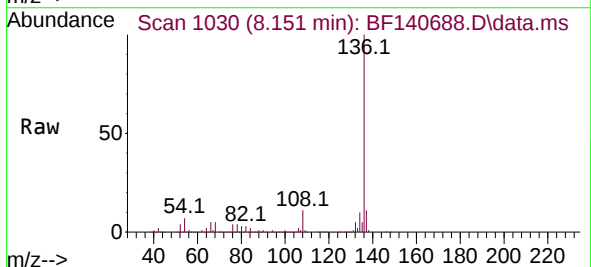
Instrument :
BNA_F
ClientSampleId :
MW-13

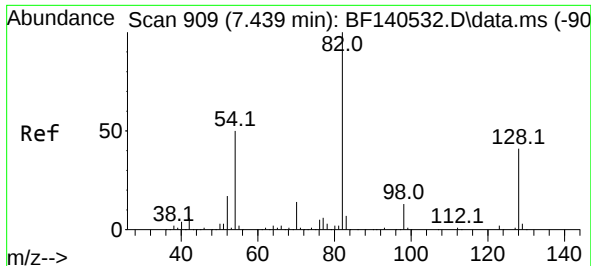
Tgt Ion: 99 Resp: 242916
Ion Ratio Lower Upper
99 100
42 17.9 15.4 23.0
71 36.8 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

Tgt Ion: 136 Resp: 307028
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 6.9 5.8 8.8
68 5.3 4.1 6.1

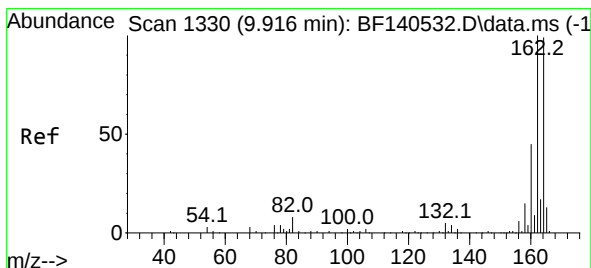
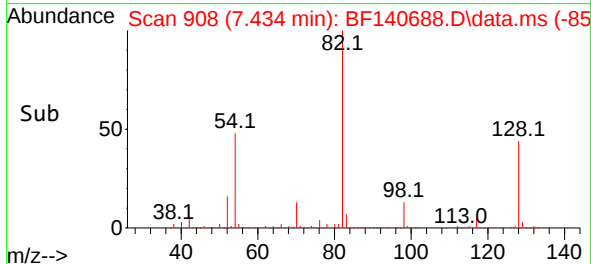
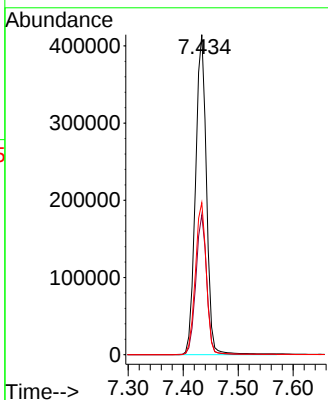
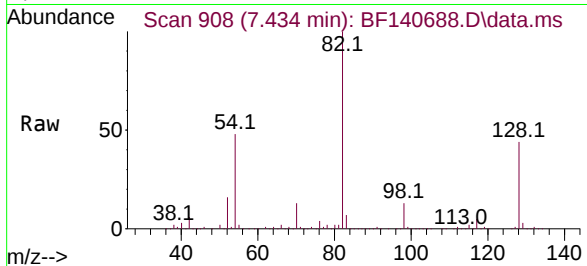




#23
Nitrobenzene-d5
Concen: 96.072 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

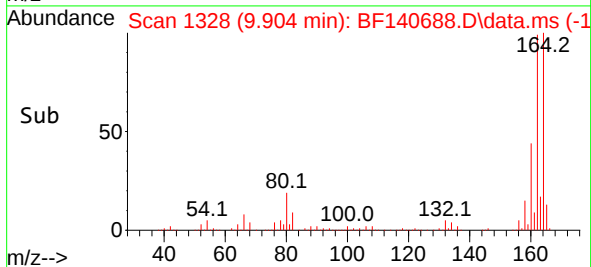
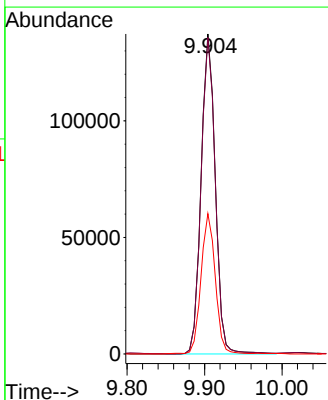
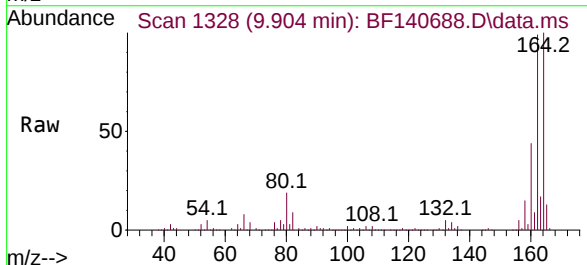
Instrument :
BNA_F
ClientSampleId :
MW-13

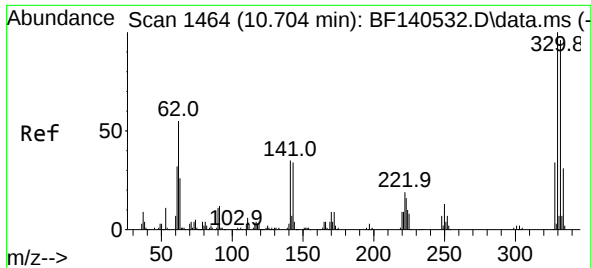
Tgt Ion: 82 Resp: 576667
Ion Ratio Lower Upper
82 100
128 43.7 33.0 49.4
54 47.5 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

Tgt Ion:164 Resp: 174760
Ion Ratio Lower Upper
164 100
162 98.9 80.6 120.8
160 43.9 36.2 54.4

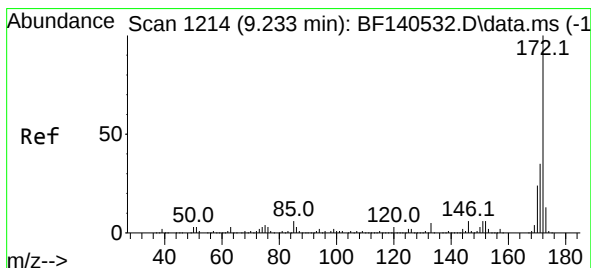
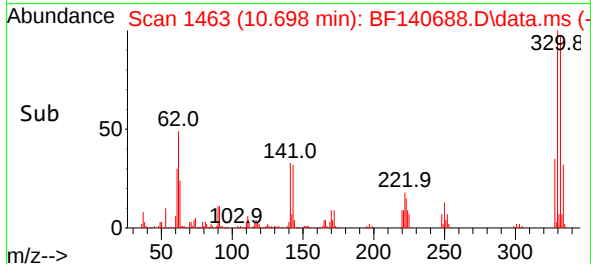
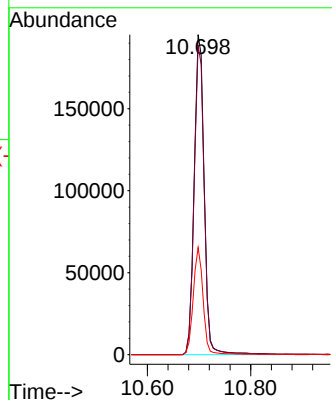
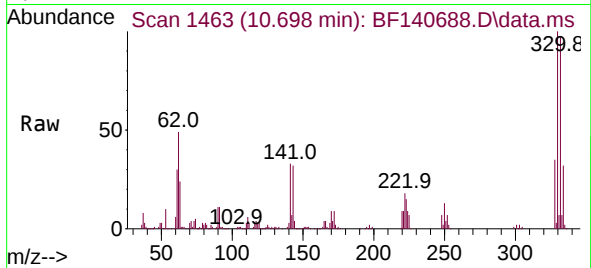




#42
 2,4,6-Tribromophenol
 Concen: 141.301 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF140688.D
 Acq: 02 Dec 2024 15:03

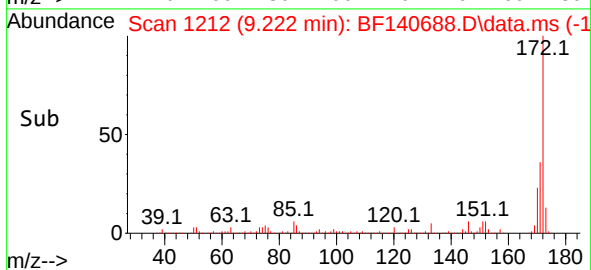
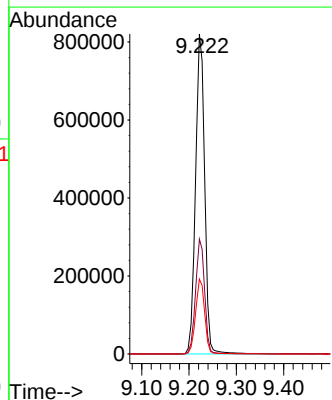
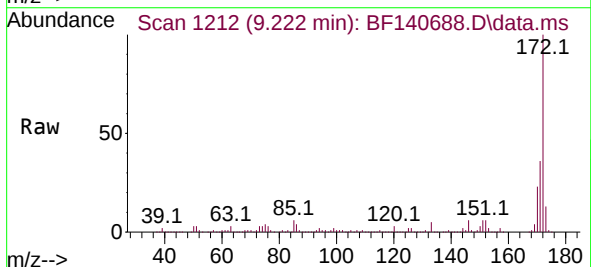
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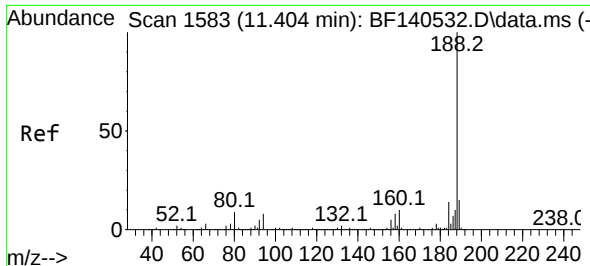
Tgt Ion:330 Resp: 264102
 Ion Ratio Lower Upper
 330 100
 332 96.7 76.9 115.3
 141 32.9 26.7 40.1



#45
 2-Fluorobiphenyl
 Concen: 94.032 ng
 RT: 9.222 min Scan# 1212
 Delta R.T. -0.012 min
 Lab File: BF140688.D
 Acq: 02 Dec 2024 15:03

Tgt Ion:172 Resp: 1102934
 Ion Ratio Lower Upper
 172 100
 171 35.9 28.4 42.6
 170 23.4 19.0 28.6

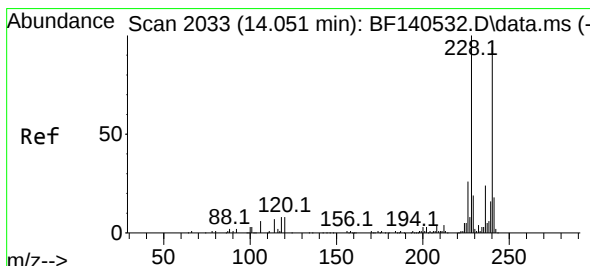
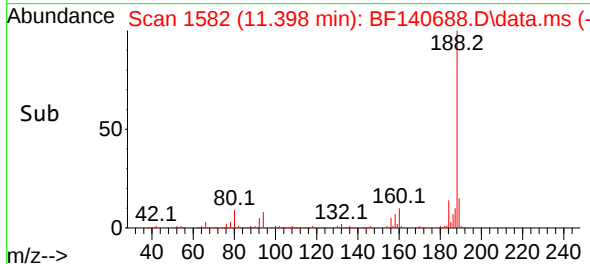
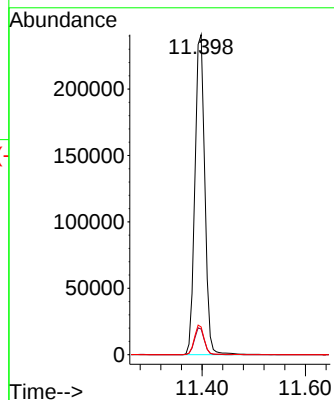
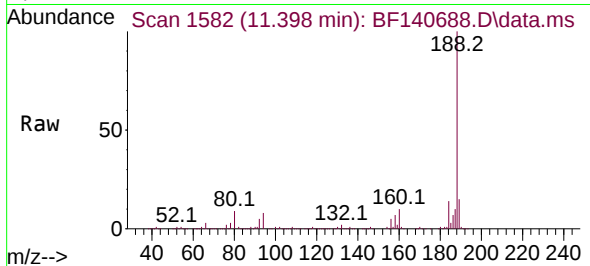




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

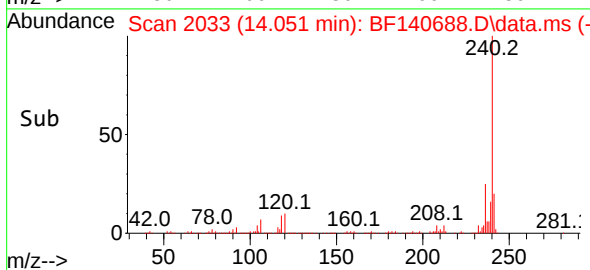
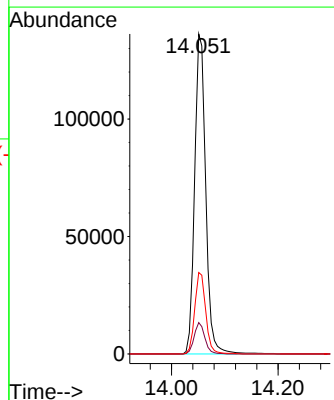
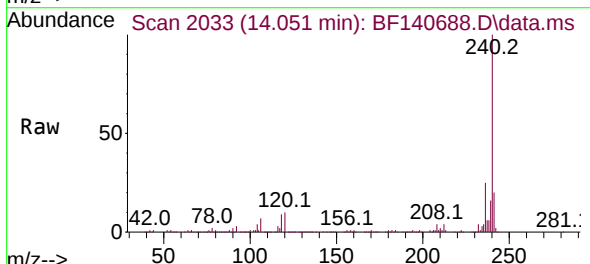
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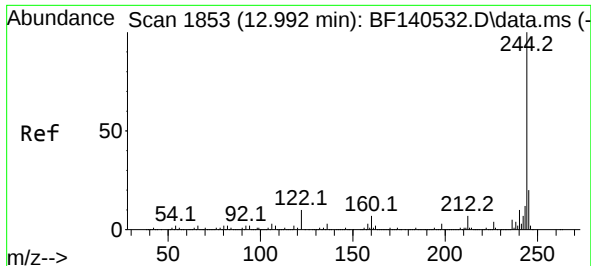
Tgt Ion:188 Resp: 319066
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.6 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140688.D
Acq: 02 Dec 2024 15:03

Tgt Ion:240 Resp: 197195
Ion Ratio Lower Upper
240 100
120 9.8 7.3 10.9
236 25.5 20.6 31.0

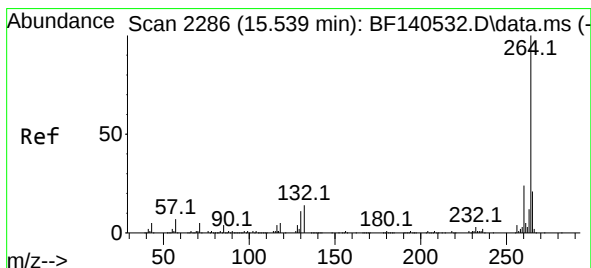
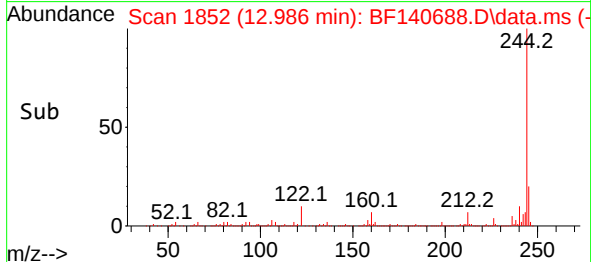
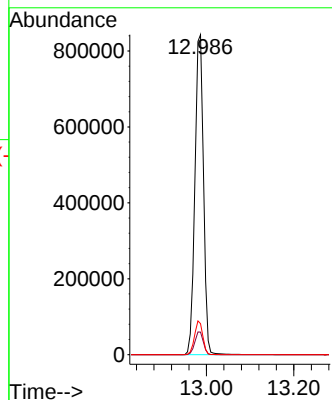
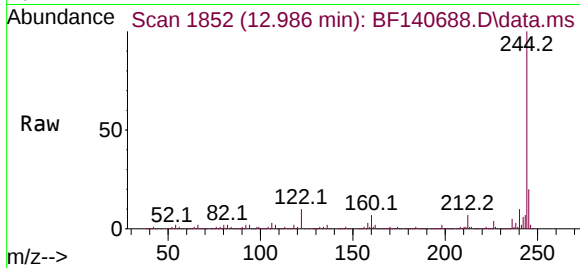




#79
 Terphenyl-d14
 Concen: 90.822 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140688.D
 Acq: 02 Dec 2024 15:03

Instrument :
 BNA_F
 ClientSampleId :
 MW-13

Tgt Ion:244 Resp: 1150164
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.7 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 2291
 Delta R.T. 0.030 min
 Lab File: BF140688.D
 Acq: 02 Dec 2024 15:03

Tgt Ion:264 Resp: 158239
 Ion Ratio Lower Upper
 264 100
 260 22.7 19.0 28.6
 265 21.3 16.6 25.0

