

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140572.D
 Acq On : 22 Nov 2024 12:55
 Operator : RC/JU
 Sample : P4925-04
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-741

Quant Time: Nov 22 13:15:35 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	98838	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	364572	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	200466	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	369882	20.000	ng	0.00
76) Chrysene-d12	14.045	240	232681	20.000	ng	0.00
86) Perylene-d12	15.539	264	189077	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	733311	126.589	ng	0.01
7) Phenol-d6	6.510	99	887474	115.884	ng	0.00
23) Nitrobenzene-d5	7.434	82	690215	96.839	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	306398	142.910	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1260889	93.714	ng	0.00
79) Terphenyl-d14	12.986	244	1385993	92.752	ng	0.00

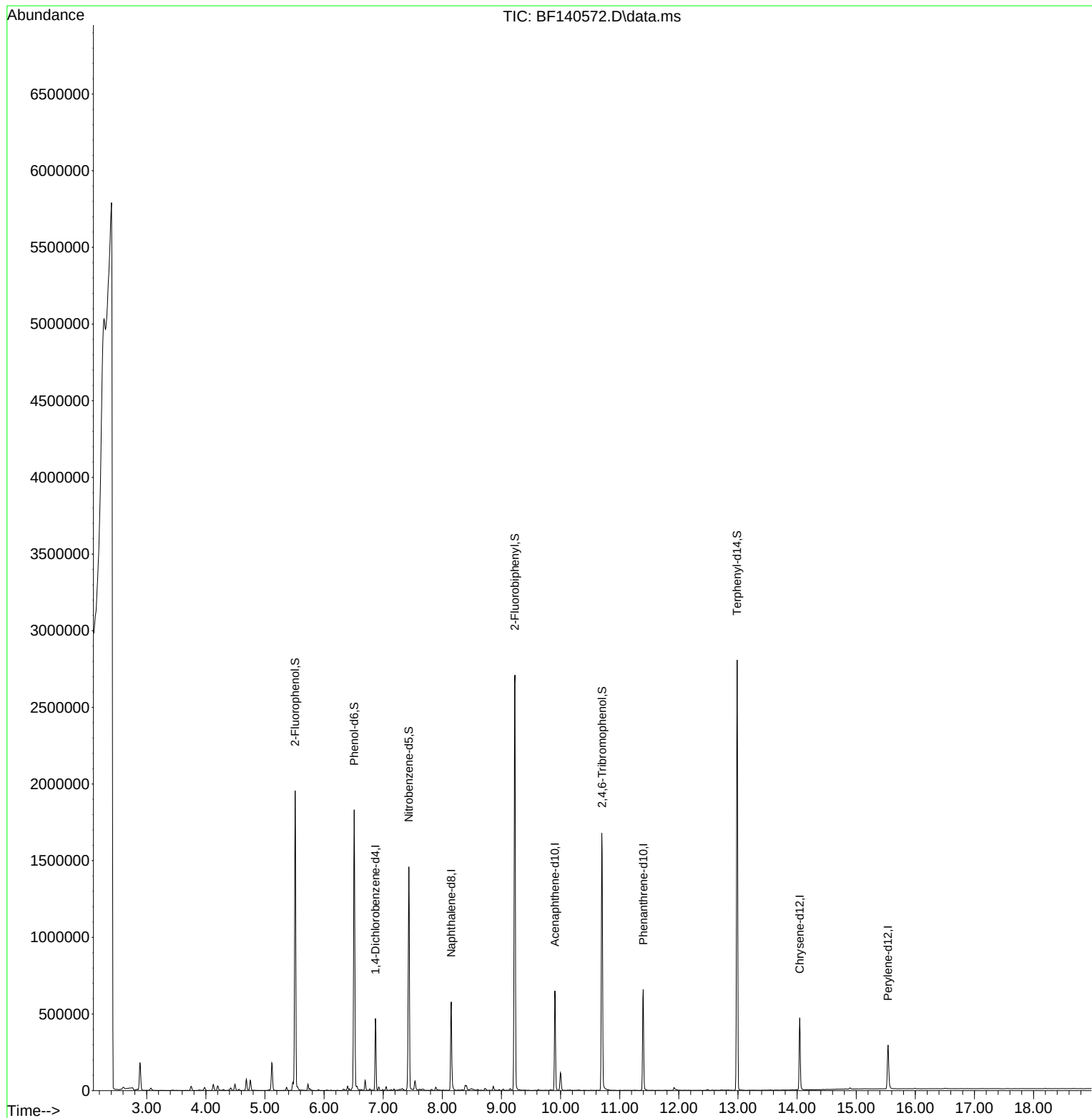
Target Compounds	Qvalue

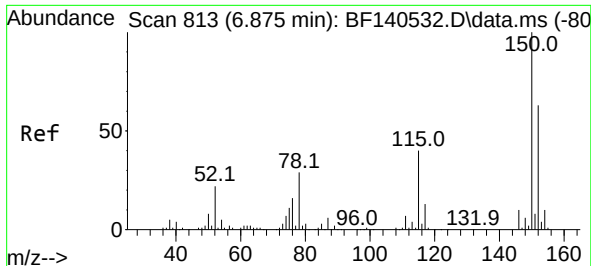
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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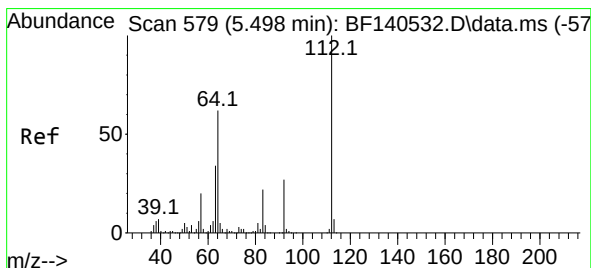
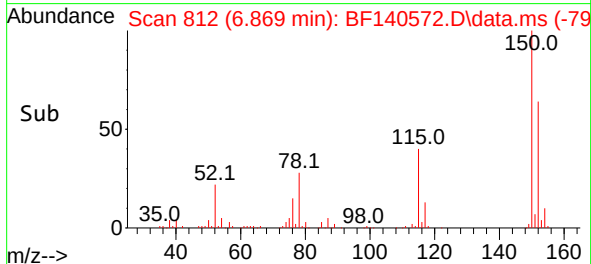
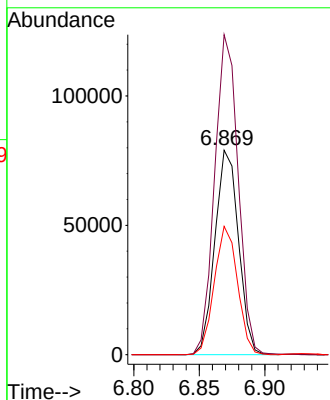
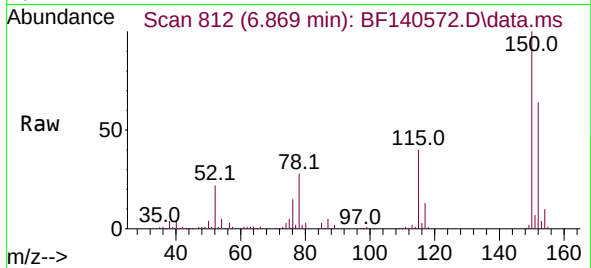




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

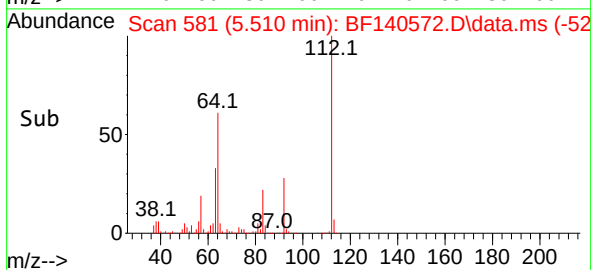
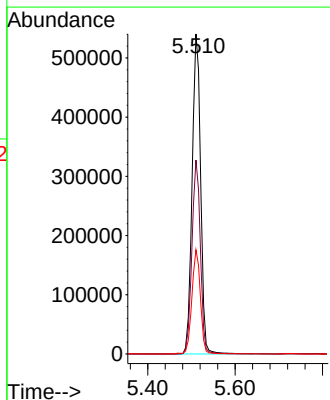
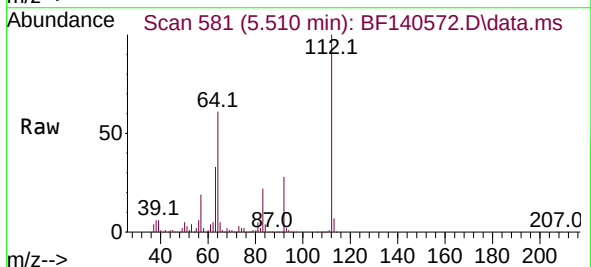
Instrument :
BNA_F
ClientSampleId :
MH-741

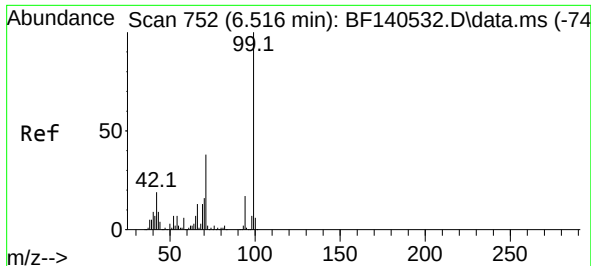
Tgt Ion:152 Resp: 98838
Ion Ratio Lower Upper
152 100
150 156.5 128.5 192.7
115 62.7 50.2 75.4



#5
2-Fluorophenol
Concen: 126.589 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

Tgt Ion:112 Resp: 733311
Ion Ratio Lower Upper
112 100
64 60.6 49.2 73.8
63 32.5 27.0 40.4

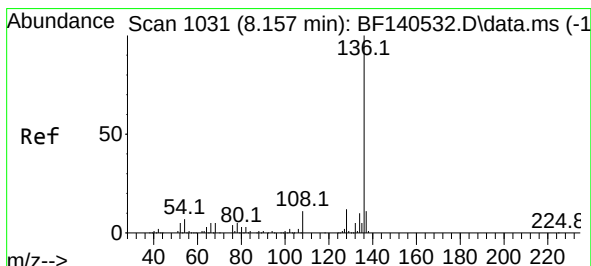
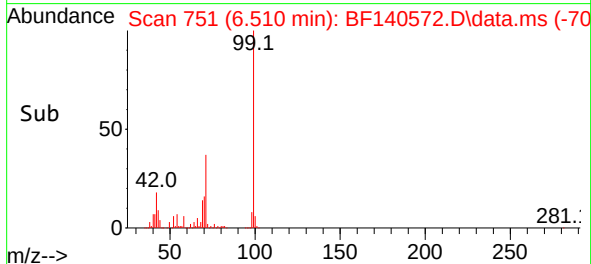
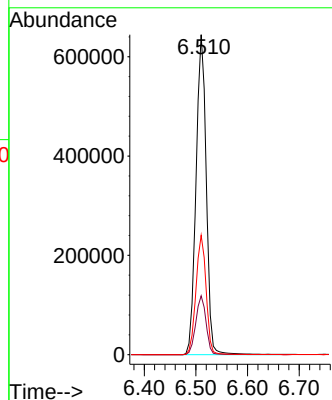
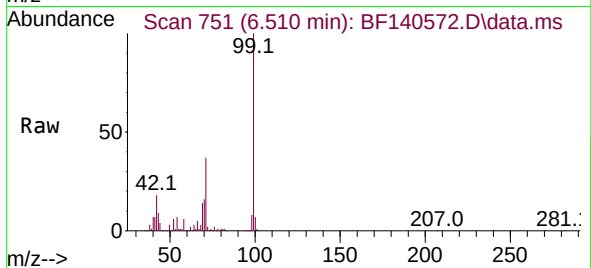




#7
Phenol-d6
Concen: 115.884 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

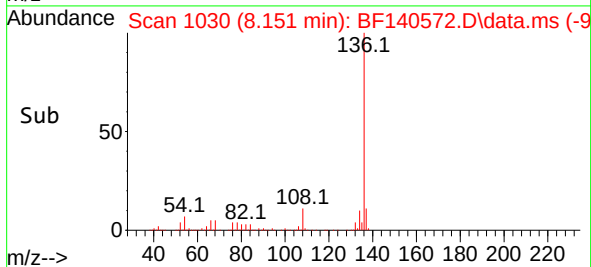
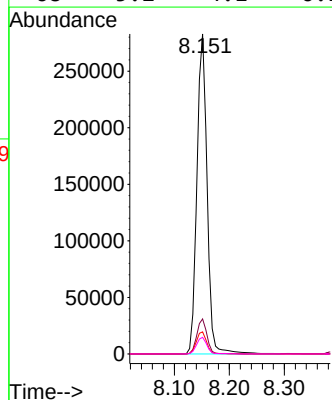
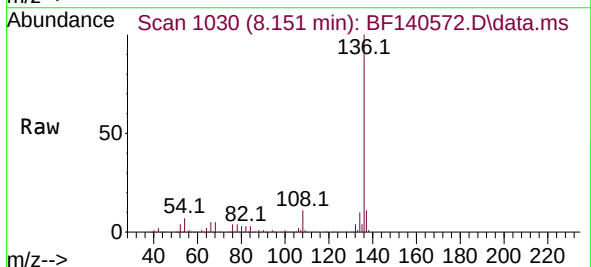
Instrument :
BNA_F
ClientSampleId :
MH-741

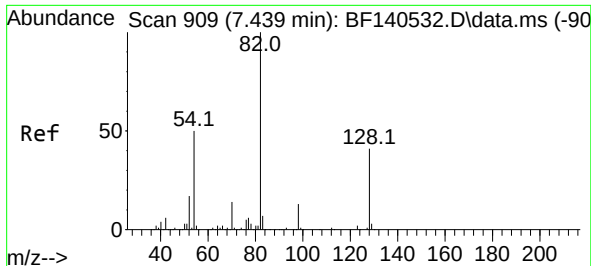
Tgt Ion: 99 Resp: 887474
Ion Ratio Lower Upper
99 100
42 18.4 15.4 23.0
71 37.3 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

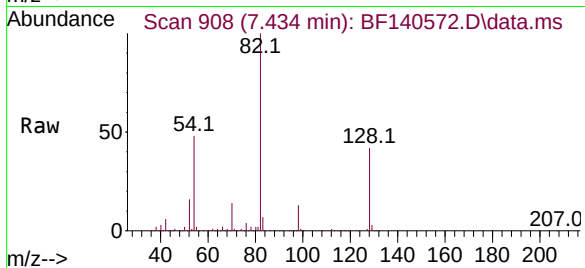
Tgt Ion: 136 Resp: 364572
Ion Ratio Lower Upper
136 100
137 11.0 8.6 13.0
54 6.9 5.8 8.8
68 5.2 4.1 6.1



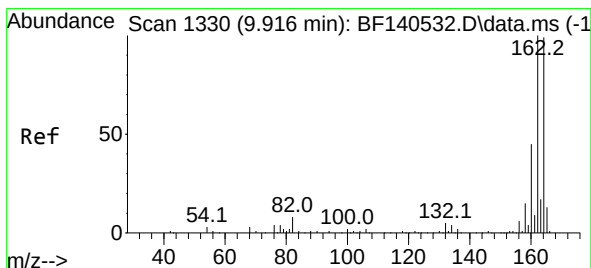
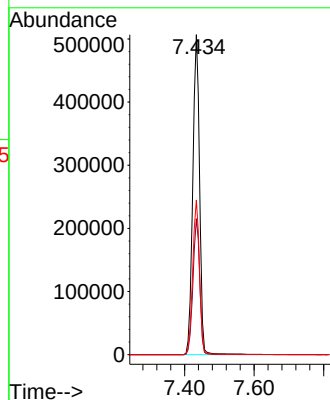
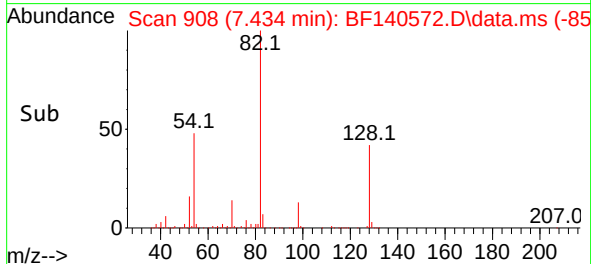


#23
Nitrobenzene-d5
Concen: 96.839 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

Instrument :
BNA_F
ClientSampleId :
MH-741

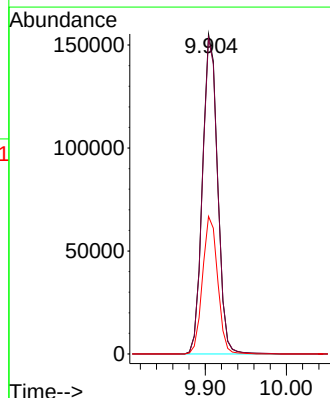
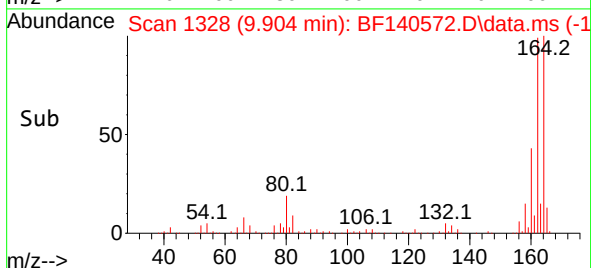
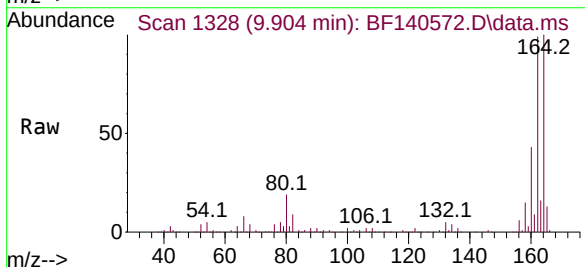


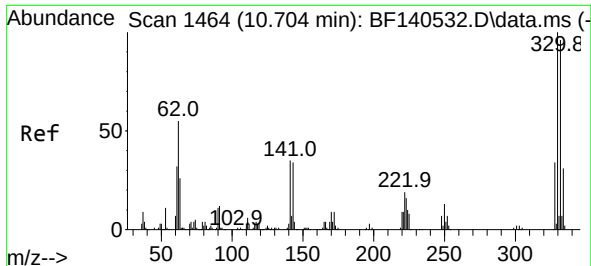
Tgt Ion: 82 Resp: 690215
Ion Ratio Lower Upper
82 100
128 42.5 33.0 49.4
54 48.4 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

Tgt Ion: 164 Resp: 200466
Ion Ratio Lower Upper
164 100
162 98.8 80.6 120.8
160 43.0 36.2 54.4

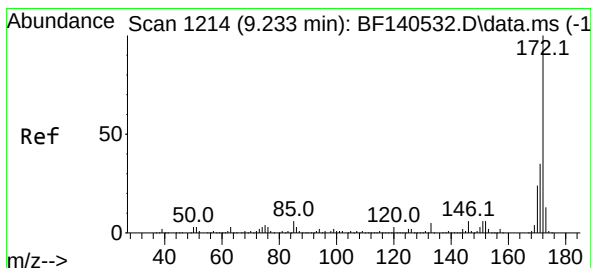
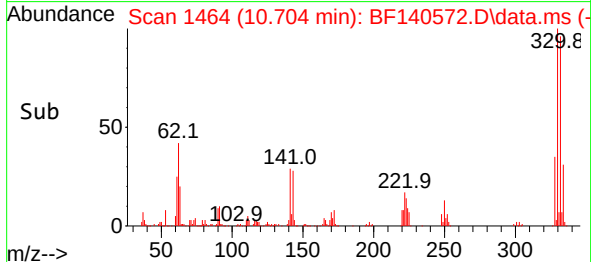
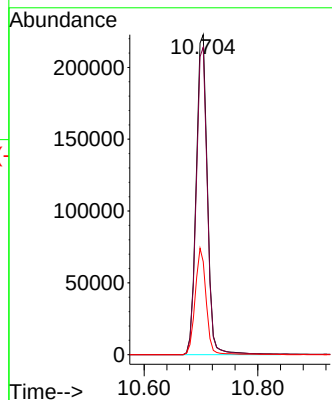
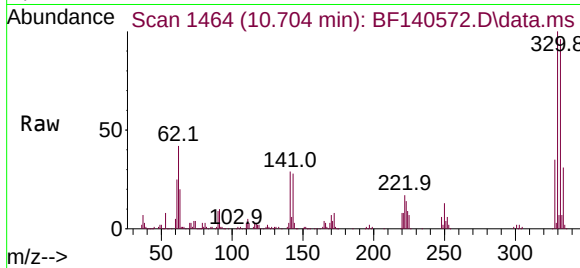




#42
2,4,6-Tribromophenol
Concen: 142.910 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

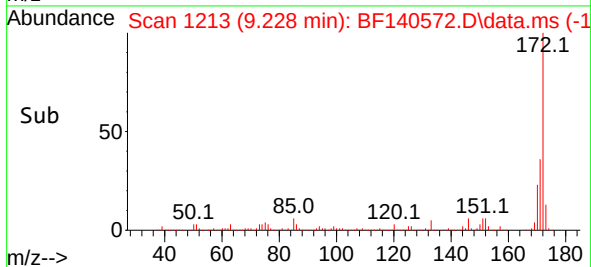
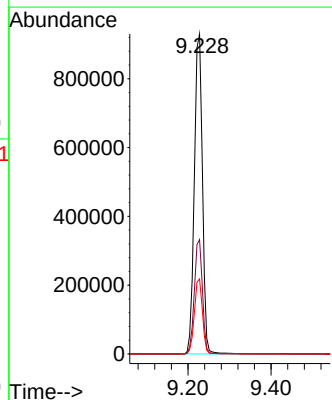
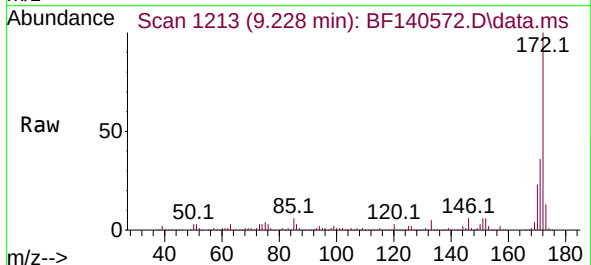
Instrument :
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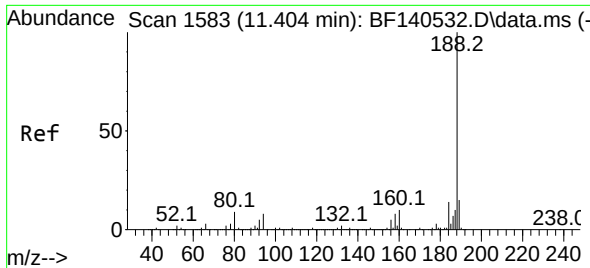
Tgt Ion:330 Resp: 306398
Ion Ratio Lower Upper
330 100
332 95.6 76.9 115.3
141 32.7 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 93.714 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

Tgt Ion:172 Resp: 1260889
Ion Ratio Lower Upper
172 100
171 35.8 28.4 42.6
170 23.5 19.0 28.6

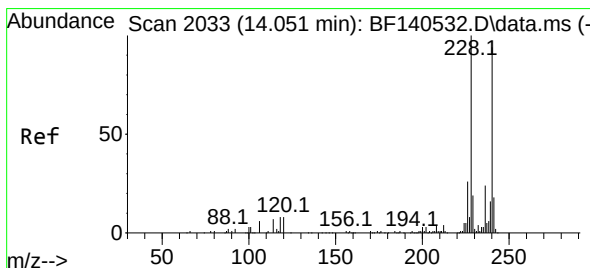
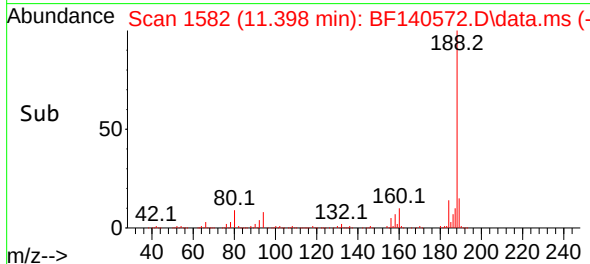
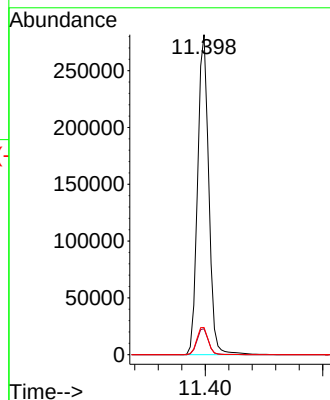
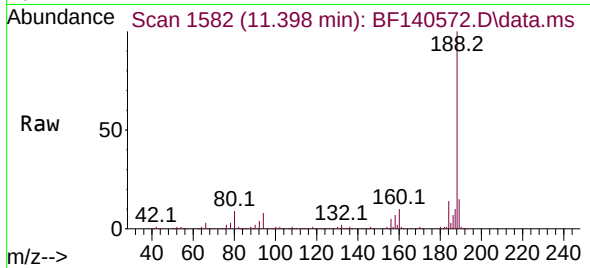




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

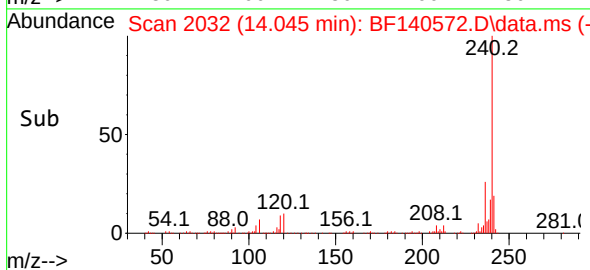
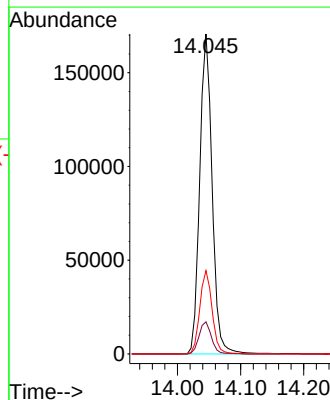
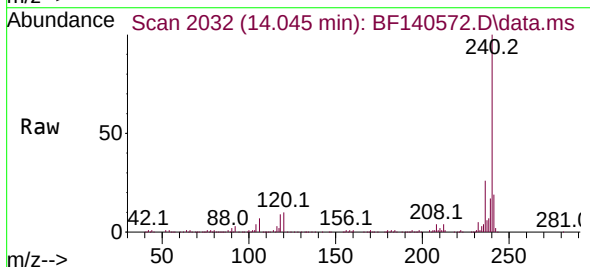
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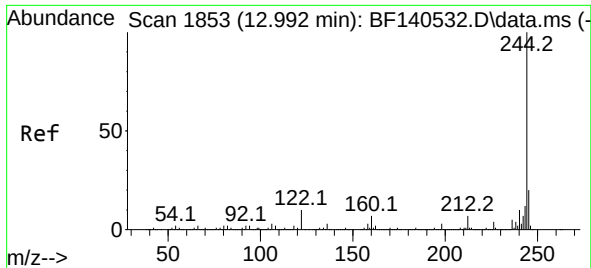
Tgt Ion:188 Resp: 369882
Ion Ratio Lower Upper
188 100
94 8.1 6.4 9.6
80 8.5 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140572.D
Acq: 22 Nov 2024 12:55

Tgt Ion:240 Resp: 232681
Ion Ratio Lower Upper
240 100
120 10.0 7.3 10.9
236 26.0 20.6 31.0

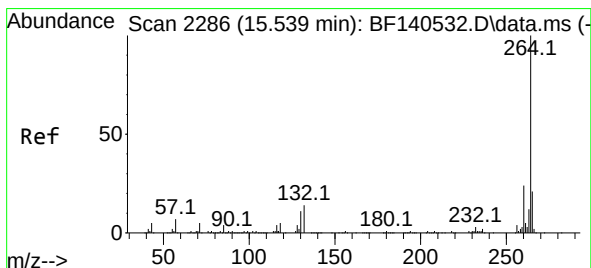
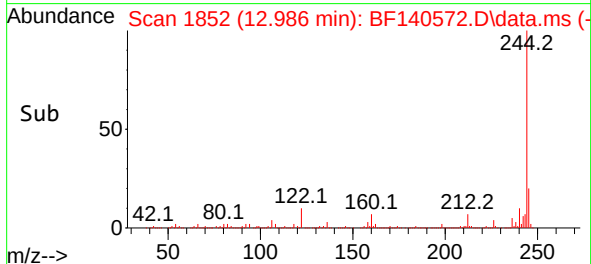
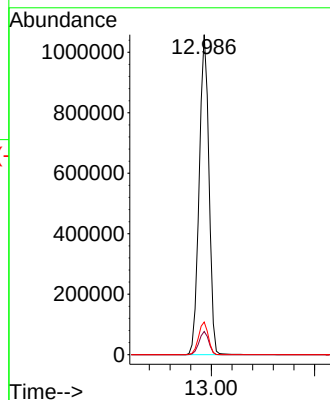
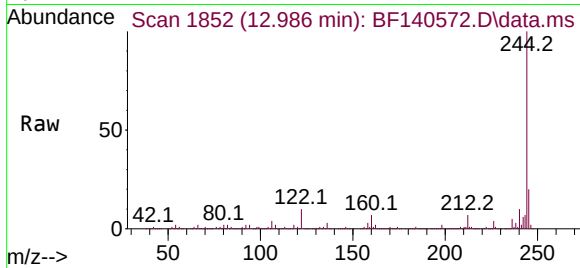




#79
 Terphenyl-d14
 Concen: 92.752 ng
 RT: 12.986 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140572.D
 Acq: 22 Nov 2024 12:55

Instrument :
 BNA_F
 ClientSampleId :
 MH-741

Tgt Ion:244 Resp: 1385993
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 10.2 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. 0.000 min
 Lab File: BF140572.D
 Acq: 22 Nov 2024 12:55

Tgt Ion:264 Resp: 189077
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.0 28.6
 265 21.8 16.6 25.0

