

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
 Data File : BF140812.D
 Acq On : 10 Dec 2024 18:00
 Operator : RC/JU
 Sample : P5216-12
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-744

Quant Time: Dec 11 00:33:48 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	6.863	152	100853	20.000	ng	-0.01
21) Naphthalene-d8	8.140	136	377712	20.000	ng	-0.02
39) Acenaphthene-d10	9.898	164	193164	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	297218	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	139273	20.000	ng	0.00
86) Perylene-d12	15.545	264	95099	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	691626	117.008	ng	0.02
7) Phenol-d6	6.522	99	828056	105.965	ng	0.00
23) Nitrobenzene-d5	7.428	82	689133	93.323	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	261685	126.669	ng	0.00
45) 2-Fluorobiphenyl	9.216	172	1254596	96.771	ng	-0.02
79) Terphenyl-d14	12.980	244	956318	106.920	ng	-0.01

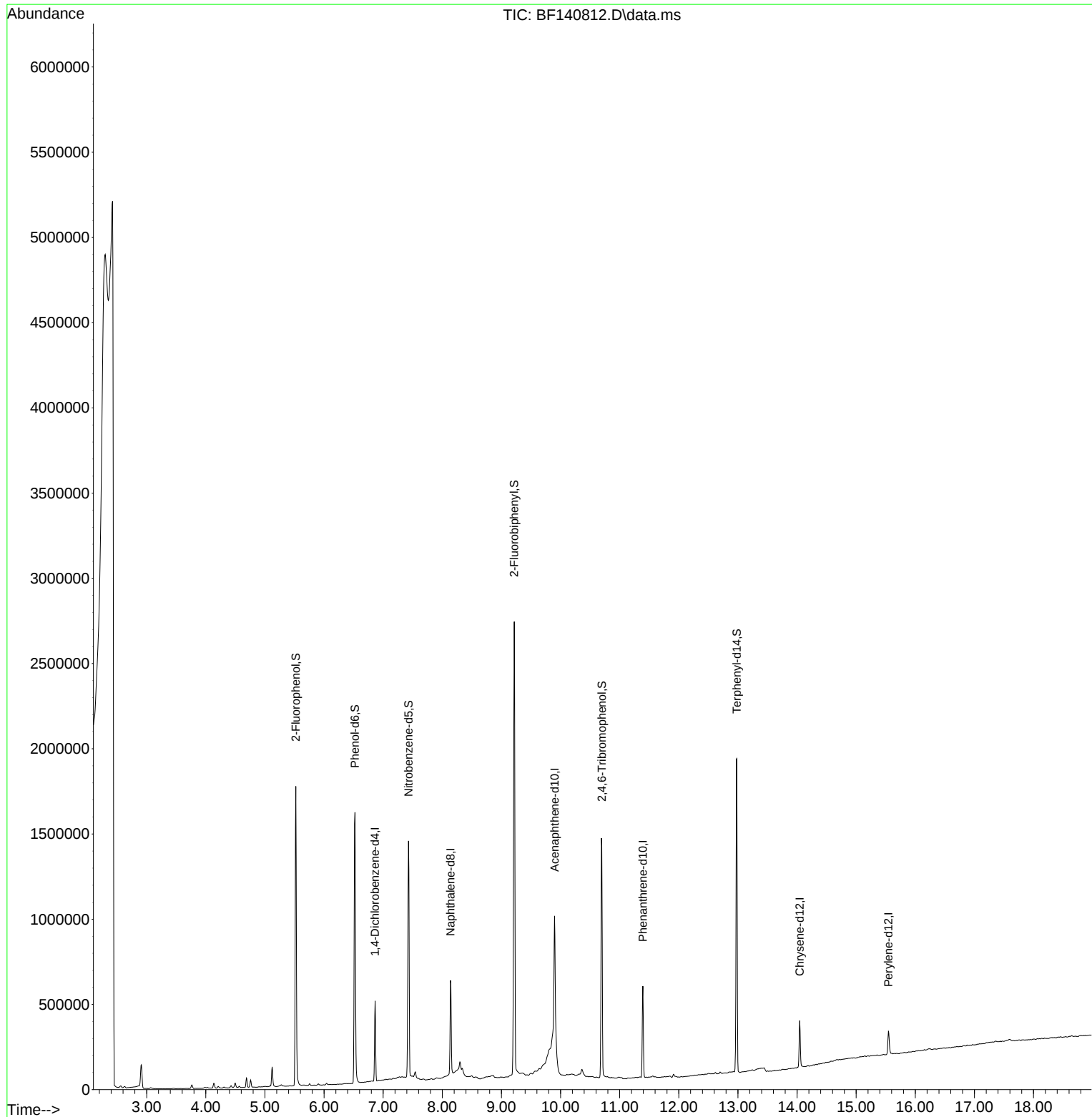
Target Compounds	Qvalue

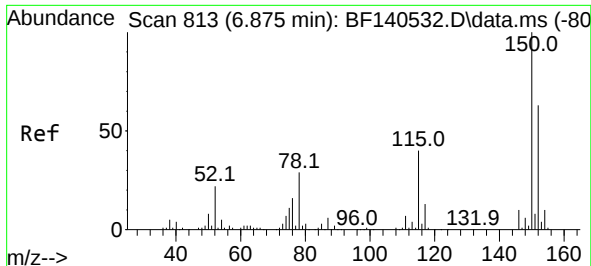
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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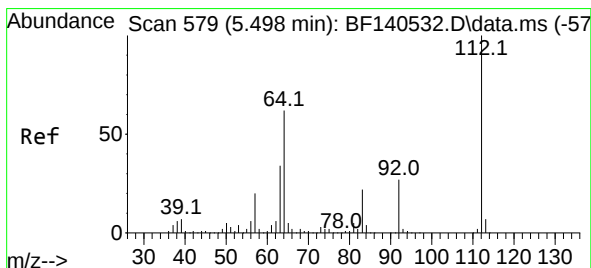
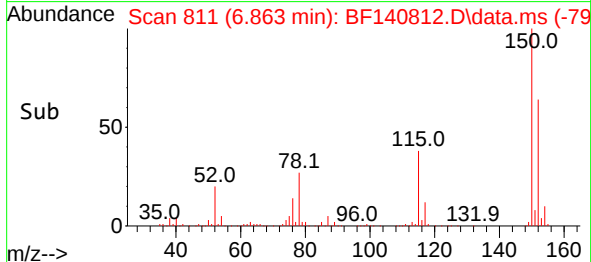
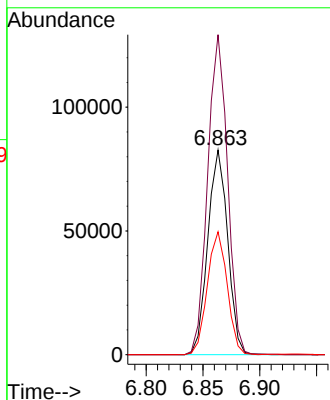
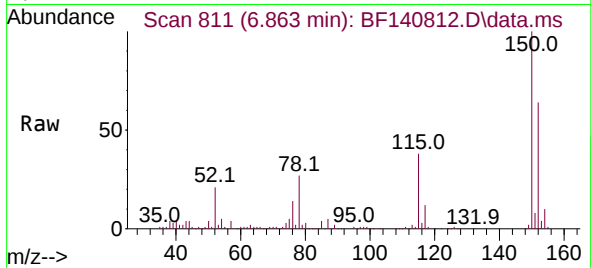




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.863 min Scan# 81
 Delta R.T. -0.012 min
 Lab File: BF140812.D
 Acq: 10 Dec 2024 18:00

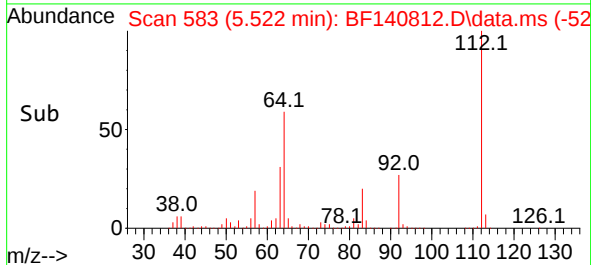
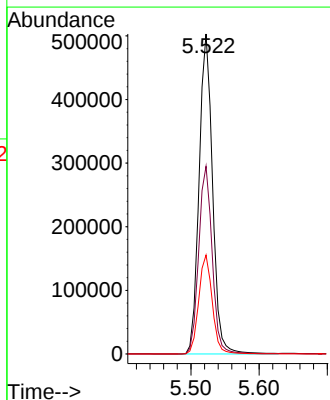
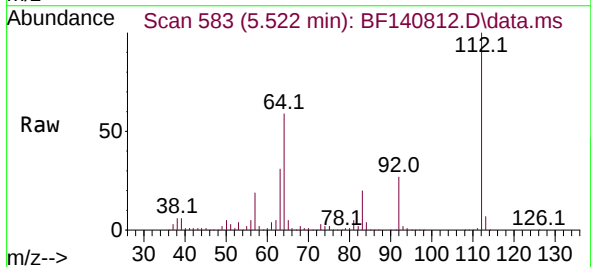
Instrument :
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 ClientSampleId :
 MH-744

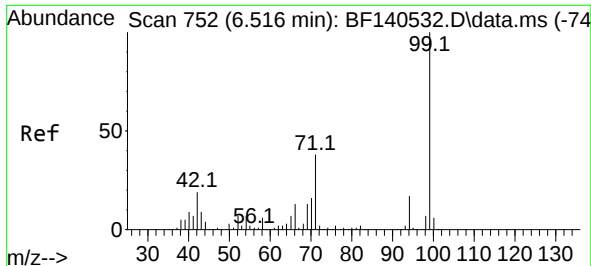
Tgt Ion:152 Resp: 100853
 Ion Ratio Lower Upper
 152 100
 150 156.4 128.5 192.7
 115 60.1 50.2 75.4



#5
 2-Fluorophenol
 Concen: 117.008 ng
 RT: 5.522 min Scan# 583
 Delta R.T. 0.024 min
 Lab File: BF140812.D
 Acq: 10 Dec 2024 18:00

Tgt Ion:112 Resp: 691626
 Ion Ratio Lower Upper
 112 100
 64 58.7 49.2 73.8
 63 30.9 27.0 40.4

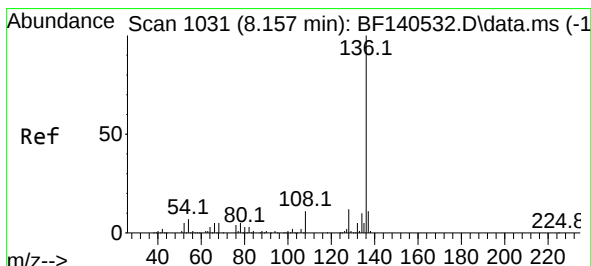
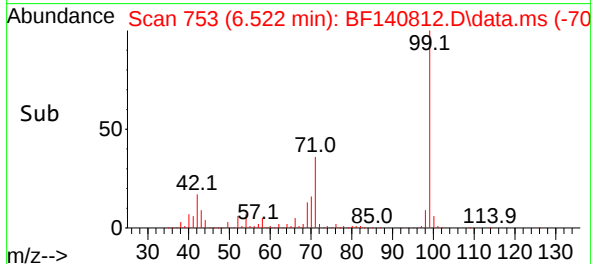
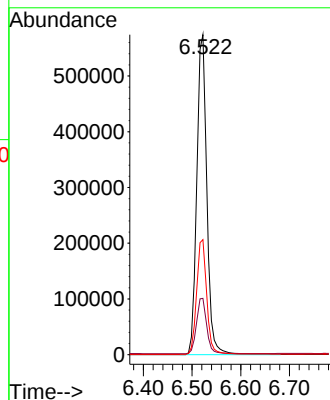
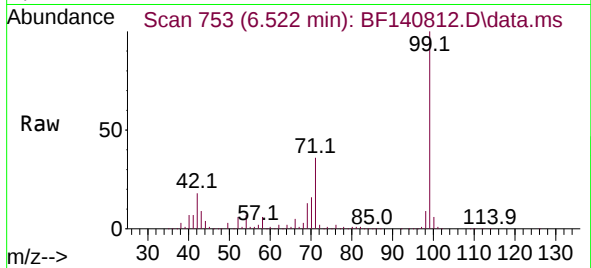




#7
Phenol-d6
Concen: 105.965 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.006 min
Lab File: BF140812.D
Acq: 10 Dec 2024 18:00

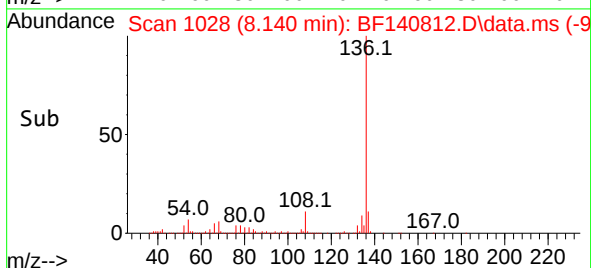
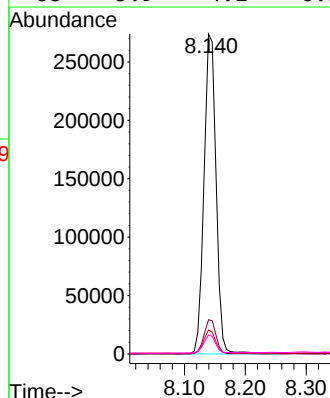
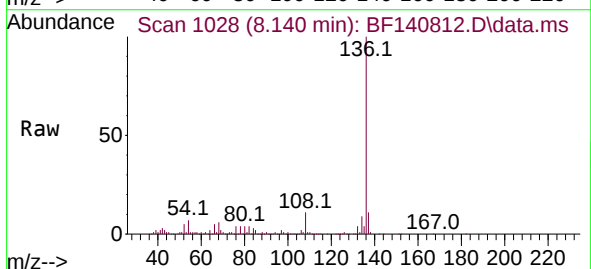
Instrument :
BNA_F
ClientSampleId :
MH-744

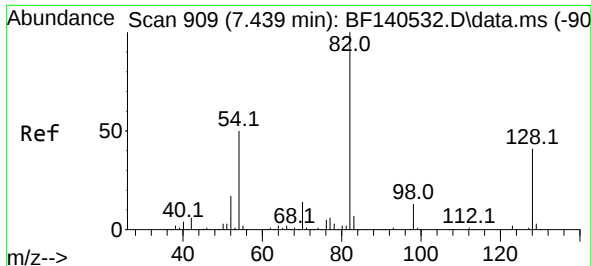
Tgt Ion: 99 Resp: 828056
Ion Ratio Lower Upper
99 100
42 17.6 15.4 23.0
71 36.0 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.140 min Scan# 1028
Delta R.T. -0.018 min
Lab File: BF140812.D
Acq: 10 Dec 2024 18:00

Tgt Ion: 136 Resp: 377712
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.5 5.8 8.8
68 5.9 4.1 6.1

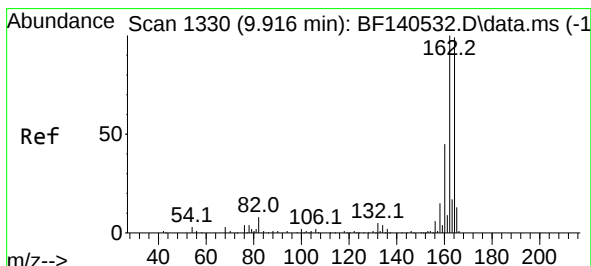
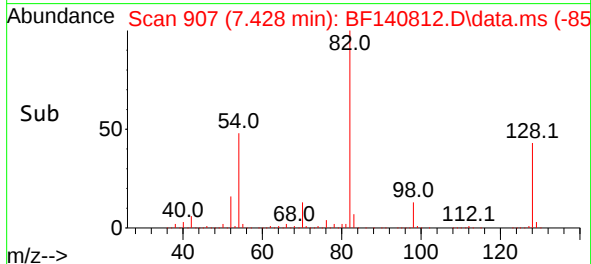
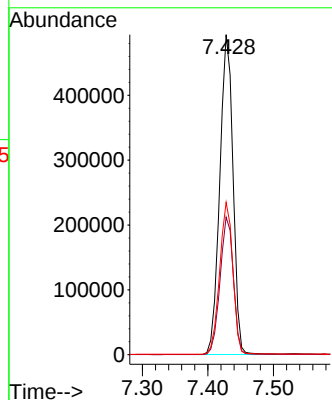
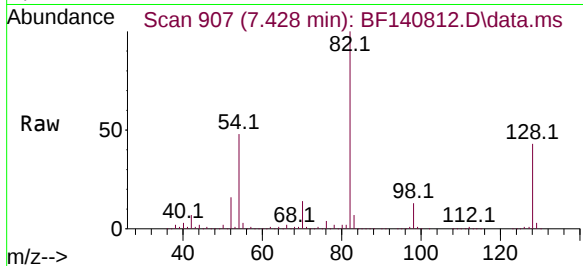




#23
 Nitrobenzene-d5
 Concen: 93.323 ng
 RT: 7.428 min Scan# 909
 Delta R.T. -0.012 min
 Lab File: BF140812.D
 Acq: 10 Dec 2024 18:00

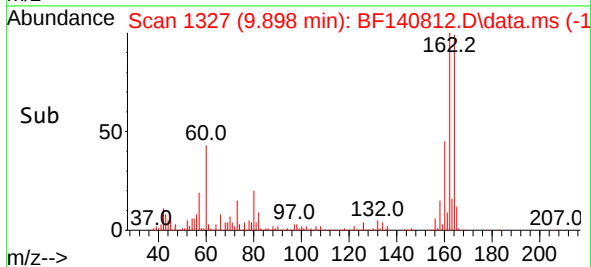
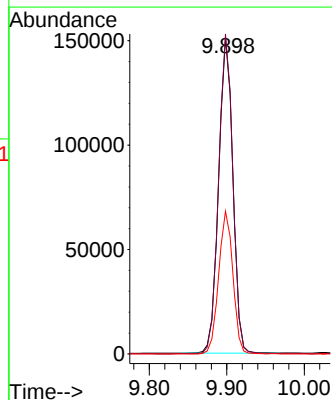
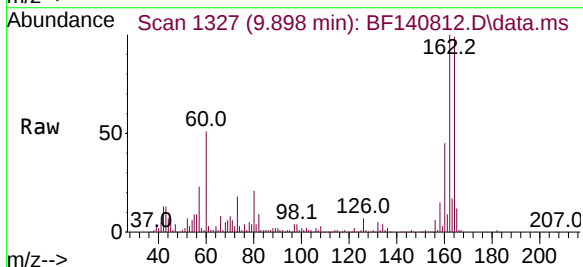
Instrument :
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 ClientSampleId :
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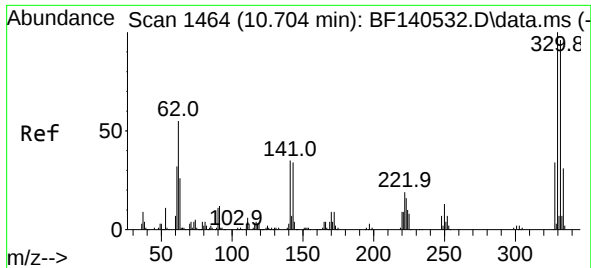
Tgt Ion: 82 Resp: 689133
 Ion Ratio Lower Upper
 82 100
 128 43.0 33.0 49.4
 54 47.6 39.5 59.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.898 min Scan# 1327
 Delta R.T. -0.017 min
 Lab File: BF140812.D
 Acq: 10 Dec 2024 18:00

Tgt Ion:164 Resp: 193164
 Ion Ratio Lower Upper
 164 100
 162 101.3 80.6 120.8
 160 45.2 36.2 54.4

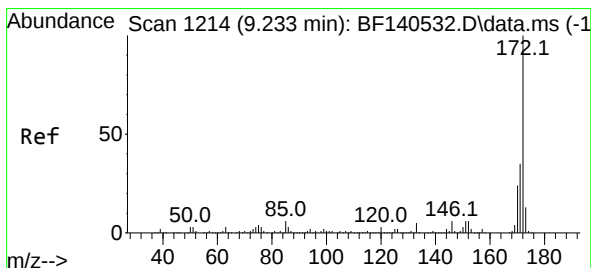
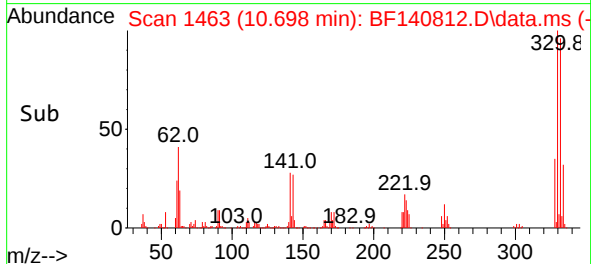
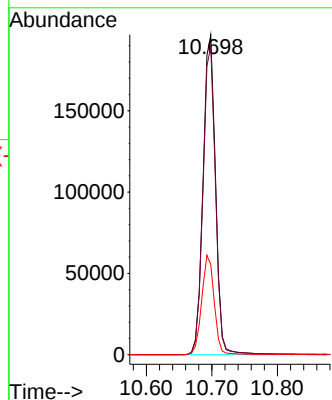
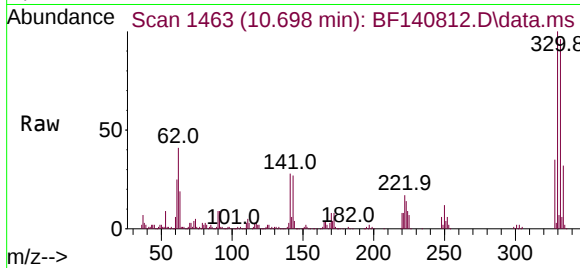




#42
 2,4,6-Tribromophenol
 Concen: 126.669 ng
 RT: 10.698 min Scan# 1463
 Delta R.T. -0.006 min
 Lab File: BF140812.D
 Acq: 10 Dec 2024 18:00

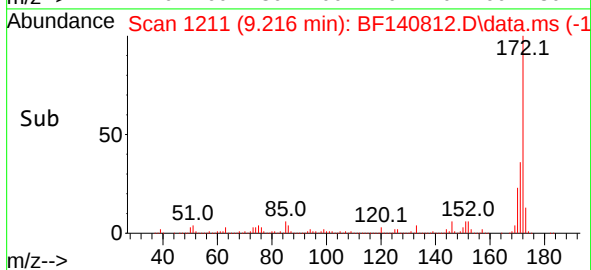
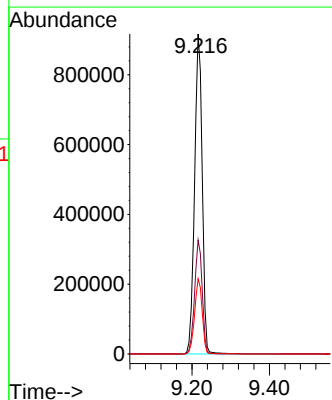
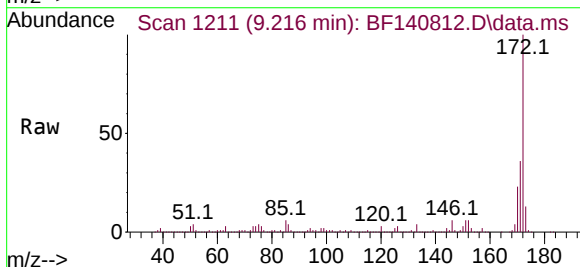
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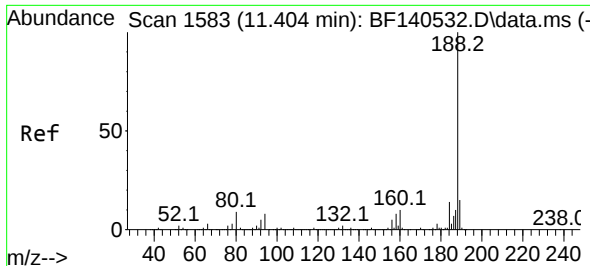
Tgt Ion:330 Resp: 261685
 Ion Ratio Lower Upper
 330 100
 332 96.6 76.9 115.3
 141 31.3 26.7 40.1



#45
 2-Fluorobiphenyl
 Concen: 96.771 ng
 RT: 9.216 min Scan# 1211
 Delta R.T. -0.018 min
 Lab File: BF140812.D
 Acq: 10 Dec 2024 18:00

Tgt Ion:172 Resp: 1254596
 Ion Ratio Lower Upper
 172 100
 171 35.6 28.4 42.6
 170 23.5 19.0 28.6

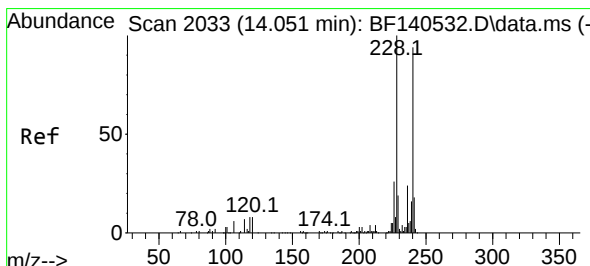
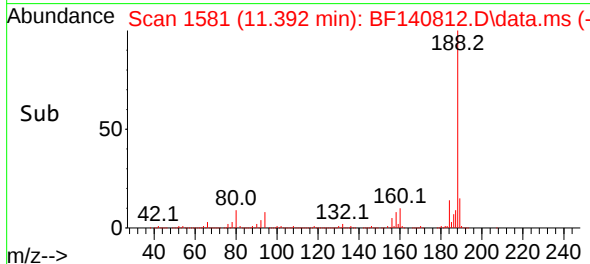
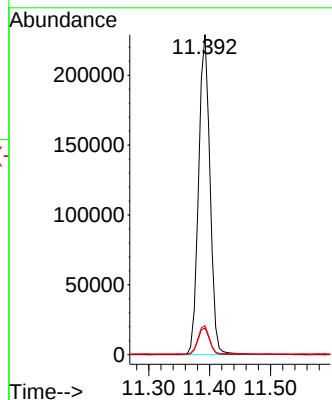
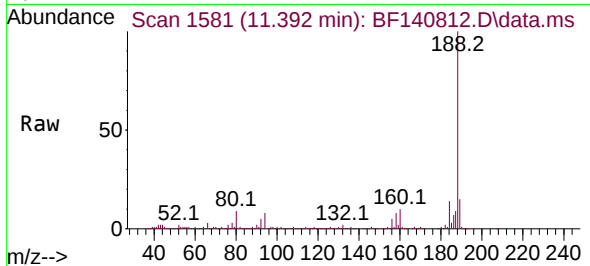




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140812.D
Acq: 10 Dec 2024 18:00

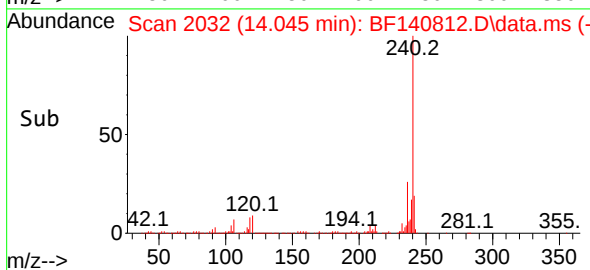
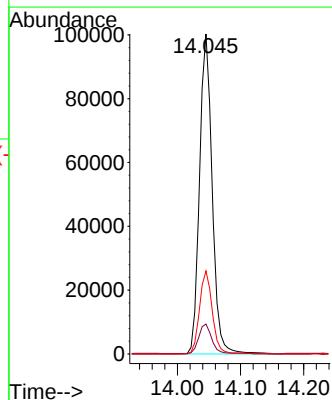
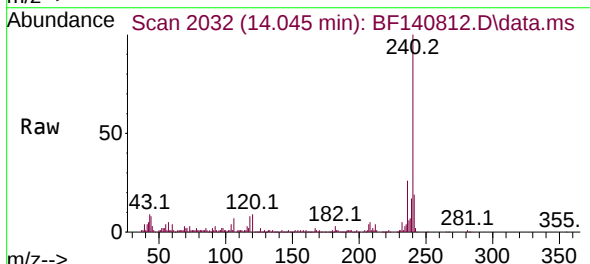
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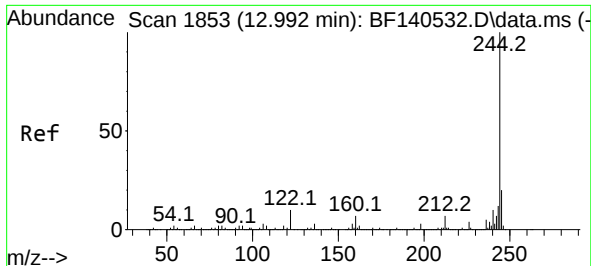
Tgt Ion:188 Resp: 297218
Ion Ratio Lower Upper
188 100
94 8.4 6.4 9.6
80 9.1 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140812.D
Acq: 10 Dec 2024 18:00

Tgt Ion:240 Resp: 139273
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 25.9 20.6 31.0

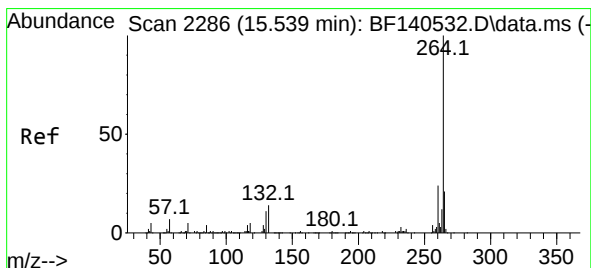
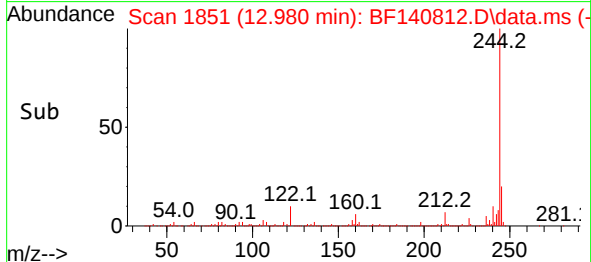
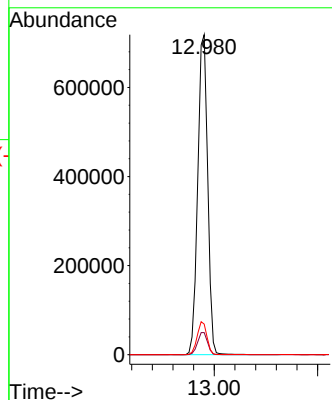
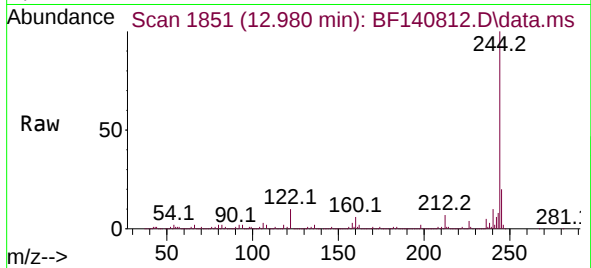




#79
 Terphenyl-d14
 Concen: 106.920 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140812.D
 Acq: 10 Dec 2024 18:00

Instrument :
 BNA_F
 ClientSampleId :
 MH-744

Tgt Ion:244 Resp: 956318
 Ion Ratio Lower Upper
 244 100
 212 6.9 5.8 8.8
 122 9.6 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2287
 Delta R.T. 0.006 min
 Lab File: BF140812.D
 Acq: 10 Dec 2024 18:00

Tgt Ion:264 Resp: 95099
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.3 16.6 25.0

