

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120524\
 Data File : BF140750.D
 Acq On : 05 Dec 2024 16:00
 Operator : RC/JU
 Sample : P5095-01
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-764

Quant Time: Dec 05 16:23:53 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	68436	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	268593	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	151788	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	264666	20.000	ng	0.00
76) Chrysene-d12	14.051	240	131024	20.000	ng	0.00
86) Perylene-d12	15.557	264	122165	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	353990	88.255	ng	0.00
7) Phenol-d6	6.510	99	449619	84.792	ng	0.00
23) Nitrobenzene-d5	7.428	82	295492	56.273	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	131935	81.272	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	588239	57.741	ng	-0.01
79) Terphenyl-d14	12.980	244	510706	60.694	ng	-0.01

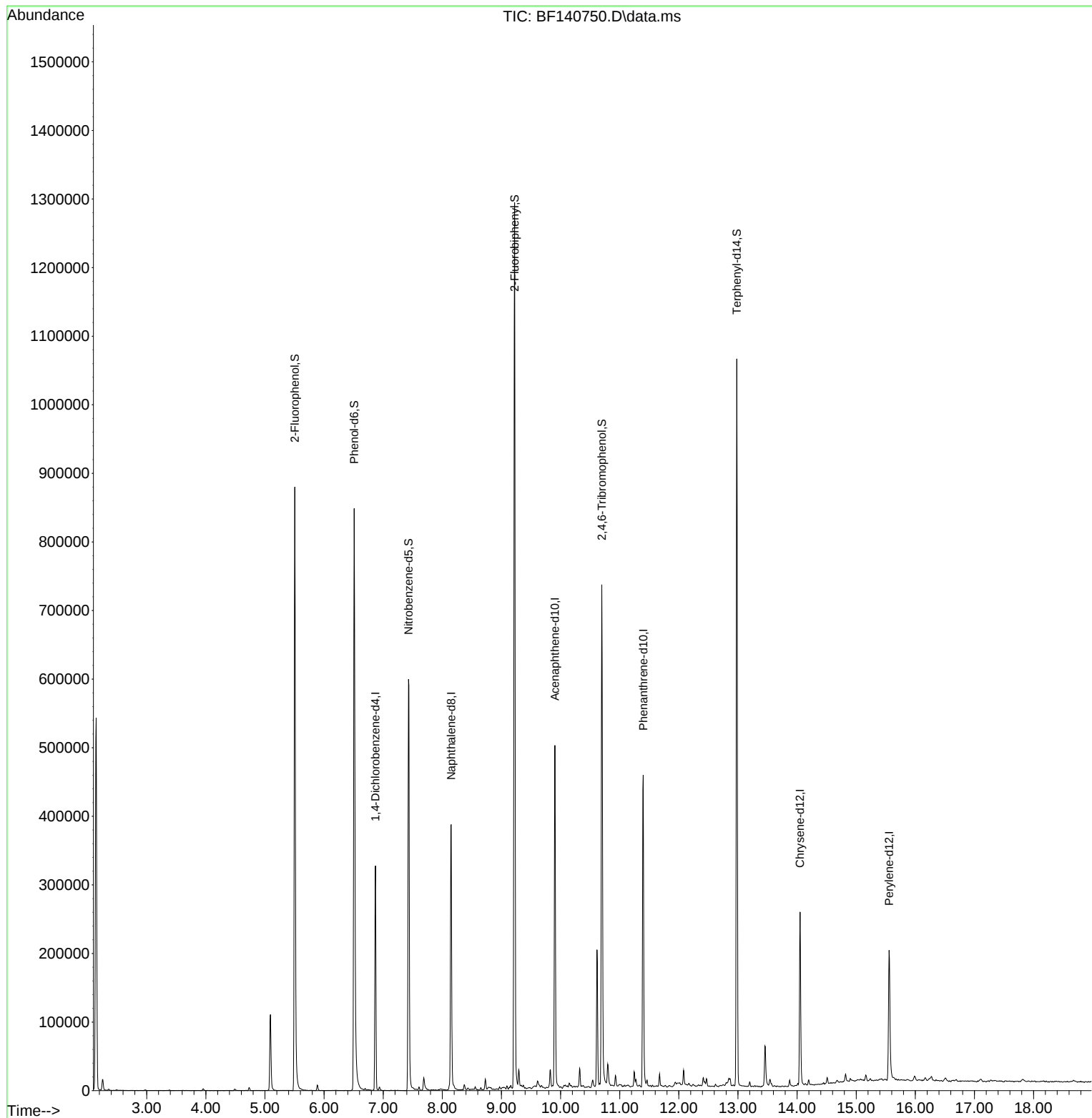
Target Compounds	Qvalue

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

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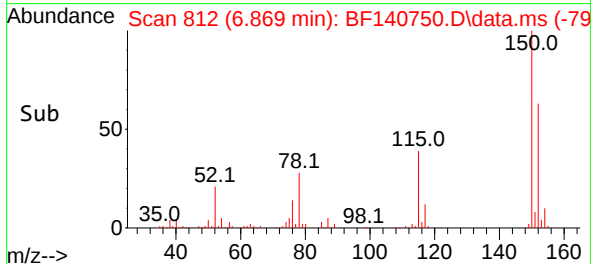
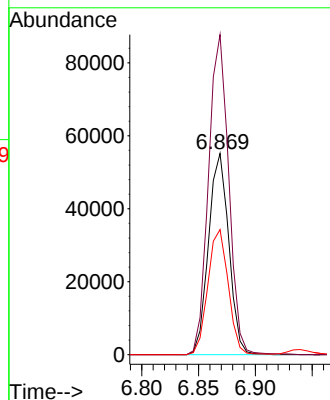
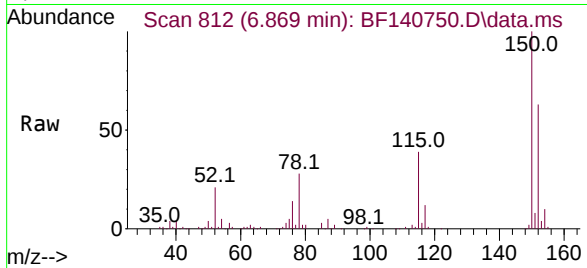




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140750.D
Acq: 05 Dec 2024 16:00

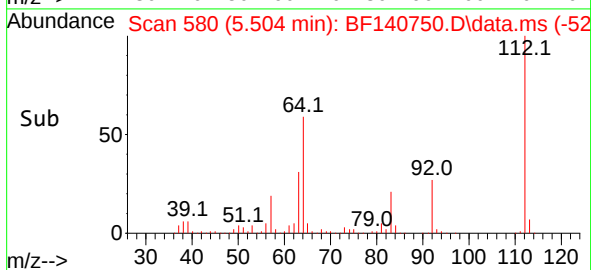
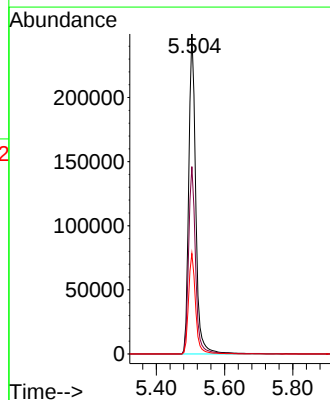
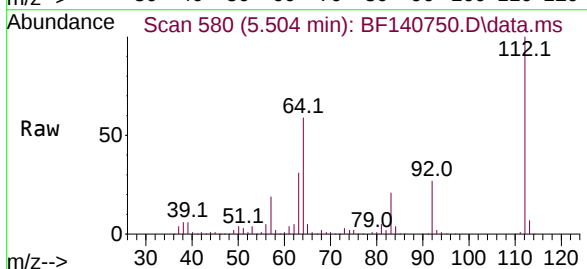
Instrument :
BNA_F
ClientSampleId :
MH-764

Tgt Ion:152 Resp: 68436
Ion Ratio Lower Upper
152 100
150 159.0 128.5 192.7
115 62.2 50.2 75.4



#5
2-Fluorophenol
Concen: 88.255 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140750.D
Acq: 05 Dec 2024 16:00

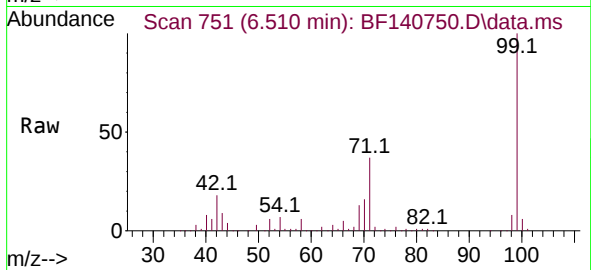
Tgt Ion:112 Resp: 353990
Ion Ratio Lower Upper
112 100
64 58.6 49.2 73.8
63 31.4 27.0 40.4



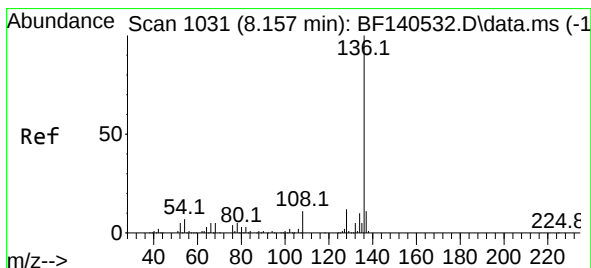
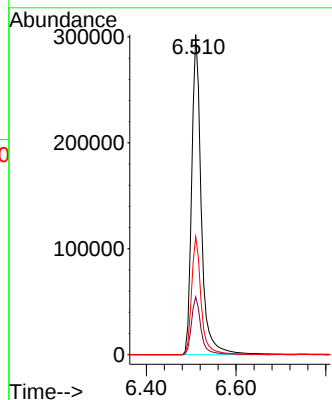
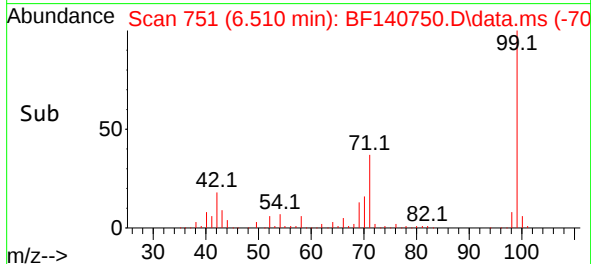


#7
Phenol-d6
Concen: 84.792 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140750.D
Acq: 05 Dec 2024 16:00

Instrument :
BNA_F
ClientSampleId :
MH-764

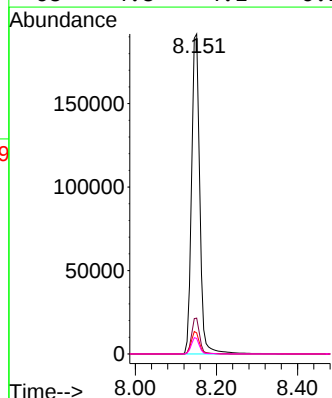
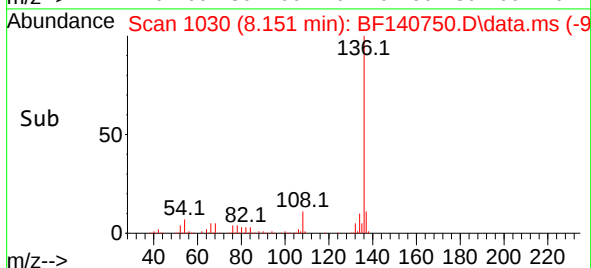
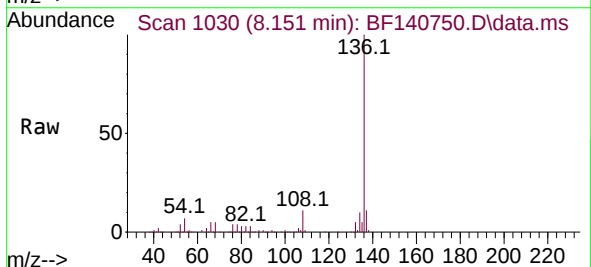


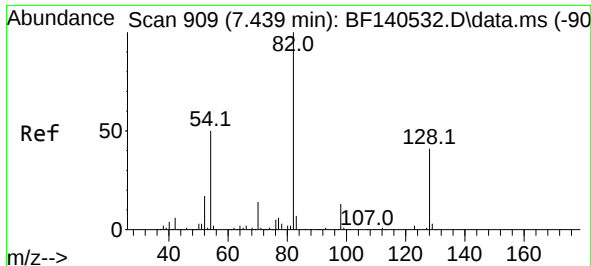
Tgt Ion: 99 Resp: 449619
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.9 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140750.D
Acq: 05 Dec 2024 16:00

Tgt Ion: 136 Resp: 268593
Ion Ratio Lower Upper
136 100
137 11.2 8.6 13.0
54 6.6 5.8 8.8
68 4.8 4.1 6.1

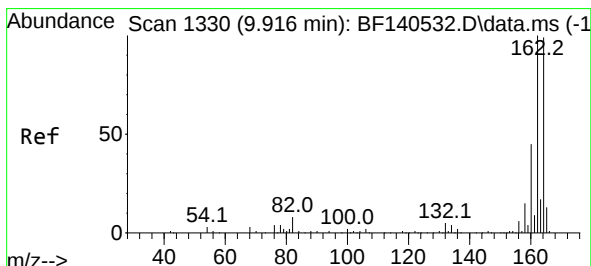
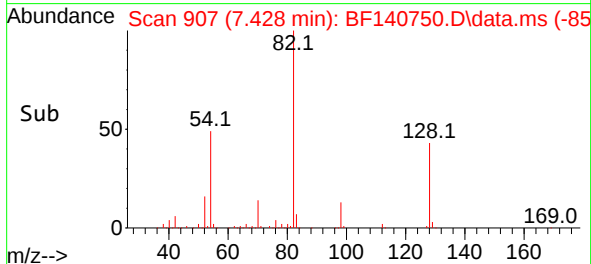
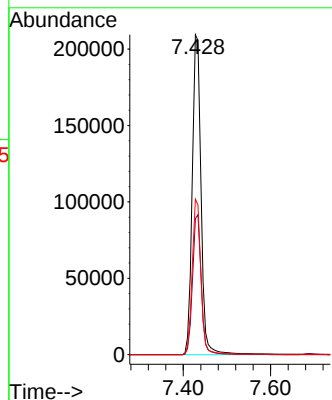
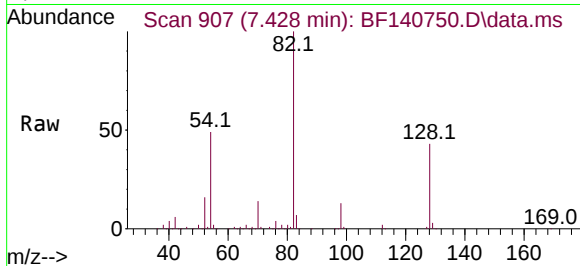




#23
Nitrobenzene-d5
Concen: 56.273 ng
RT: 7.428 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF140750.D
Acq: 05 Dec 2024 16:00

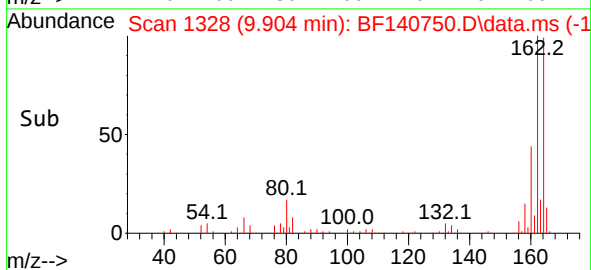
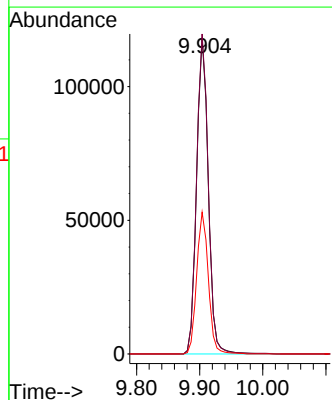
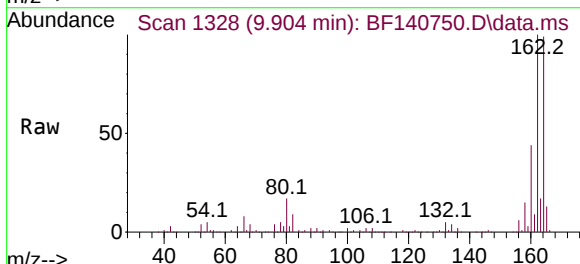
Instrument :
BNA_F
ClientSampleId :
MH-764

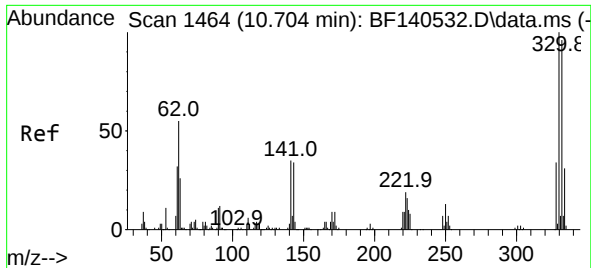
Tgt Ion: 82 Resp: 295492
Ion Ratio Lower Upper
82 100
128 42.5 33.0 49.4
54 48.6 39.5 59.3



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140750.D
Acq: 05 Dec 2024 16:00

Tgt Ion: 164 Resp: 151788
Ion Ratio Lower Upper
164 100
162 101.2 80.6 120.8
160 44.8 36.2 54.4

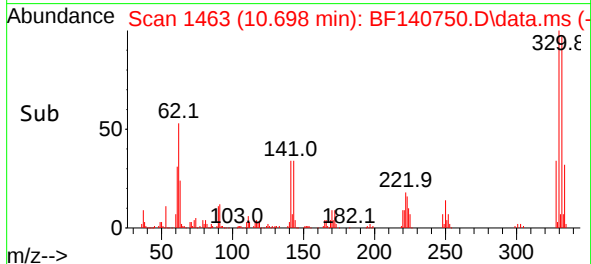
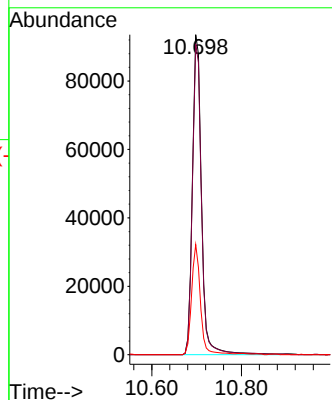
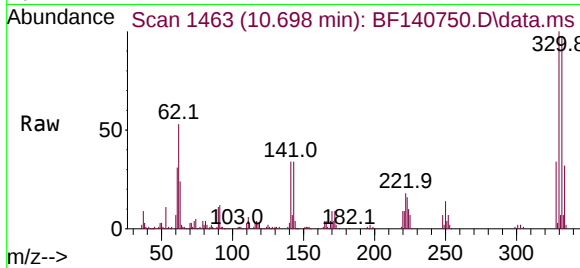




#42
2,4,6-Tribromophenol
Concen: 81.272 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140750.D
Acq: 05 Dec 2024 16:00

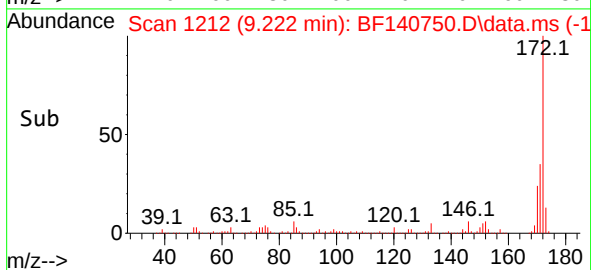
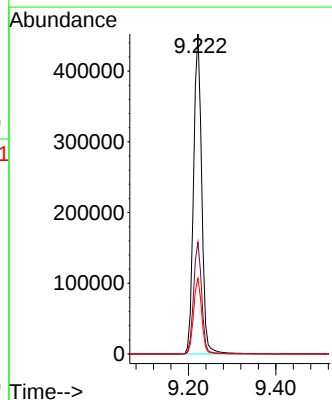
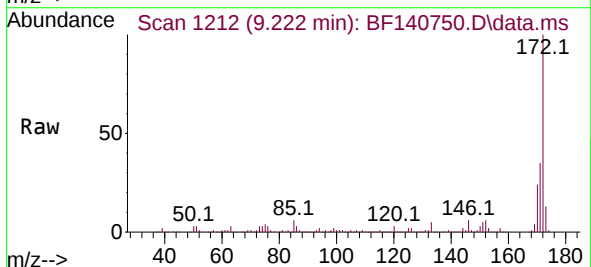
Instrument :
BNA_F
ClientSampleId :
MH-764

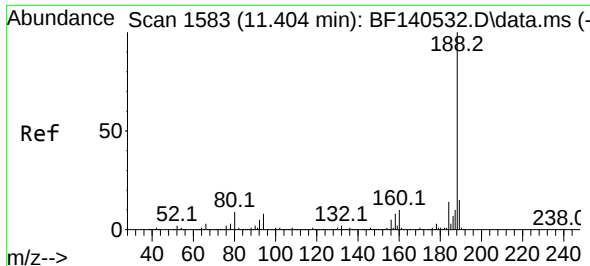
Tgt Ion:330 Resp: 131935
Ion Ratio Lower Upper
330 100
332 96.1 76.9 115.3
141 33.4 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 57.741 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140750.D
Acq: 05 Dec 2024 16:00

Tgt Ion:172 Resp: 588239
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.6 19.0 28.6

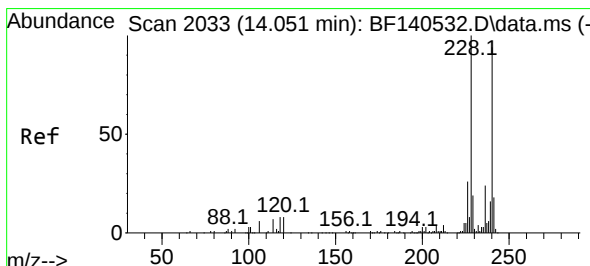
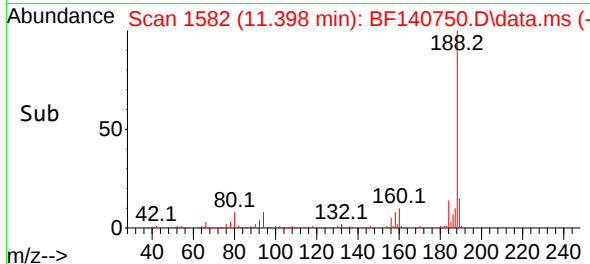
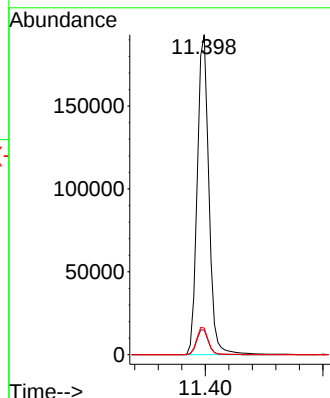
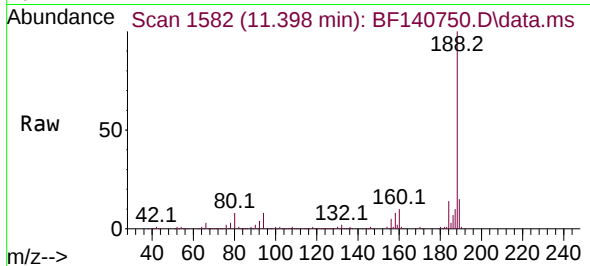




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140750.D
Acq: 05 Dec 2024 16:00

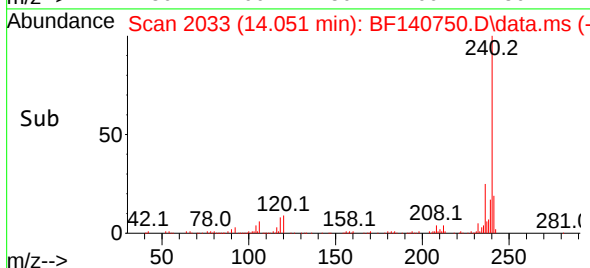
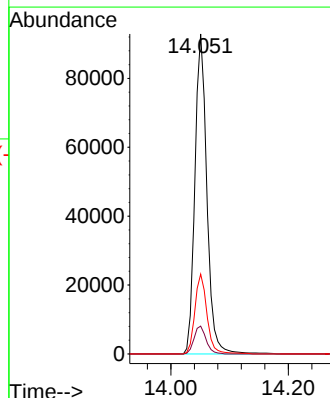
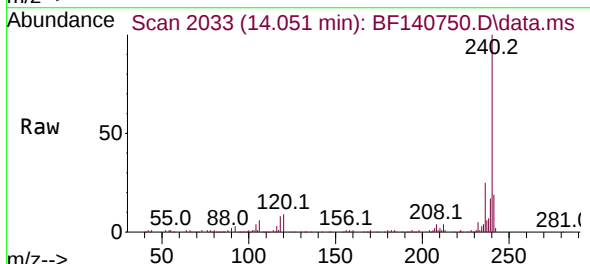
Instrument :
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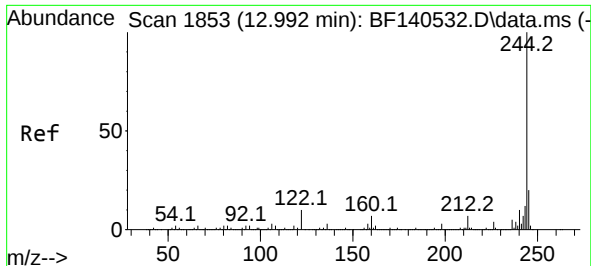
Tgt Ion:188 Resp: 264666
Ion Ratio Lower Upper
188 100
94 7.7 6.4 9.6
80 8.3 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140750.D
Acq: 05 Dec 2024 16:00

Tgt Ion:240 Resp: 131024
Ion Ratio Lower Upper
240 100
120 8.7 7.3 10.9
236 25.0 20.6 31.0

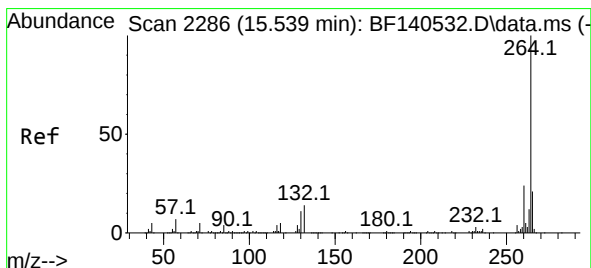
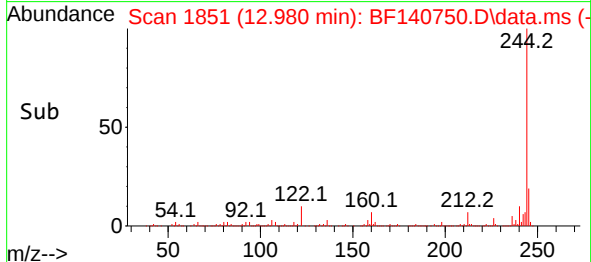
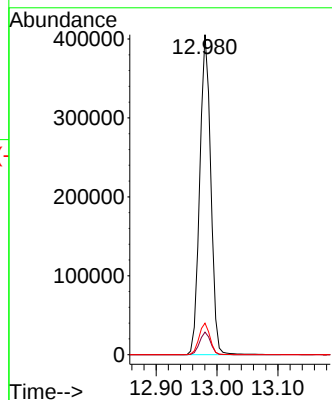
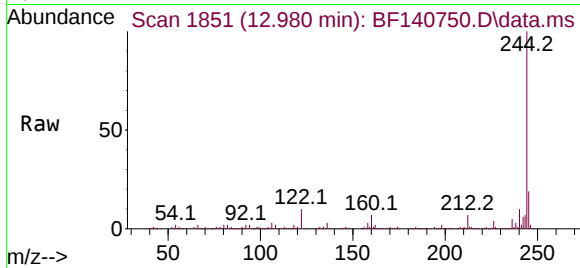




#79
 Terphenyl-d14
 Concen: 60.694 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.012 min
 Lab File: BF140750.D
 Acq: 05 Dec 2024 16:00

Instrument :
 BNA_F
 ClientSampleId :
 MH-764

Tgt Ion:244 Resp: 510706
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 9.9 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 2289
 Delta R.T. 0.018 min
 Lab File: BF140750.D
 Acq: 05 Dec 2024 16:00

Tgt Ion:264 Resp: 122165
 Ion Ratio Lower Upper
 264 100
 260 23.1 19.0 28.6
 265 21.0 16.6 25.0

