

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112124\
 Data File : BF140542.D
 Acq On : 21 Nov 2024 18:21
 Operator : RC/JU
 Sample : P4887-02
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-739

Quant Time: Nov 22 00:10:03 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)

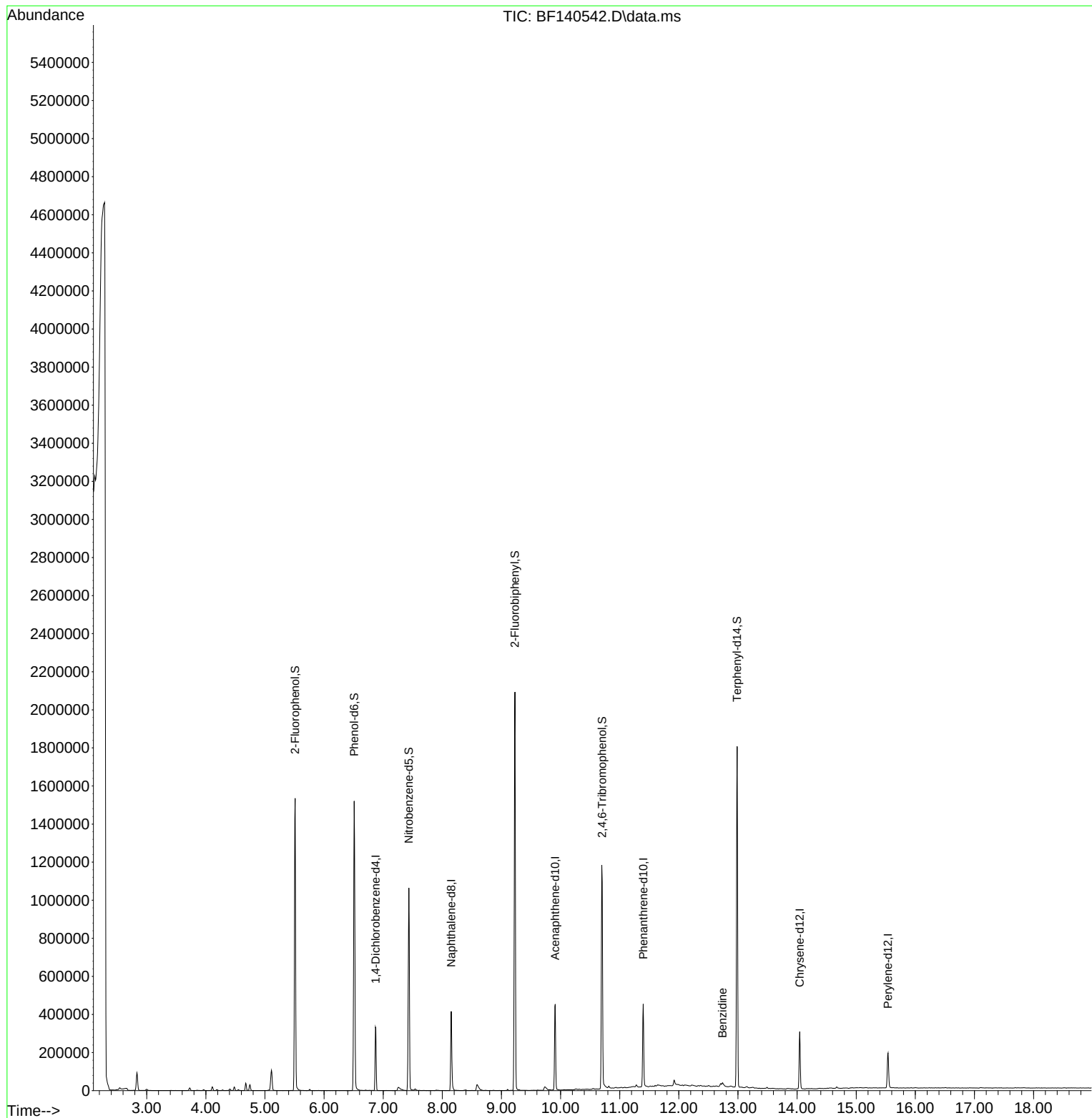
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	72067	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	264074	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	138866	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	232343	20.000	ng	0.00
76) Chrysene-d12	14.045	240	144485	20.000	ng	0.00
86) Perylene-d12	15.539	264	117768	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	572273	135.487	ng	0.01
7) Phenol-d6	6.510	99	726985	130.191	ng	0.00
23) Nitrobenzene-d5	7.434	82	495022	95.884	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	206428	138.992	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	924694	99.214	ng	0.00
79) Terphenyl-d14	12.986	244	863942	93.108	ng	0.00
Target Compounds						
77) Benzidine	12.739	184	12849	3.059	ng	Qvalue # 94

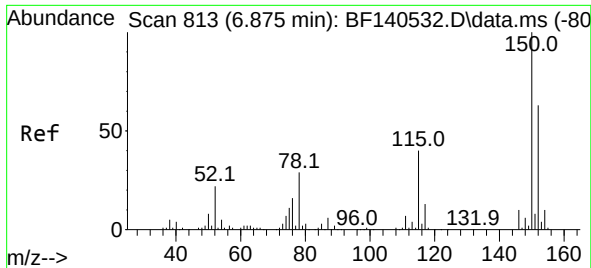
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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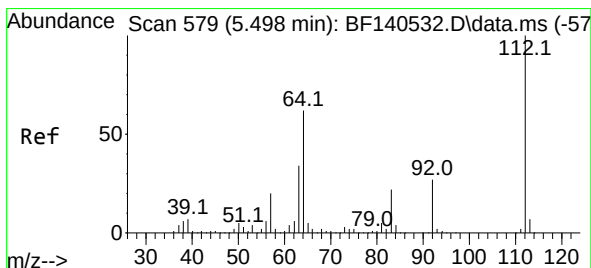
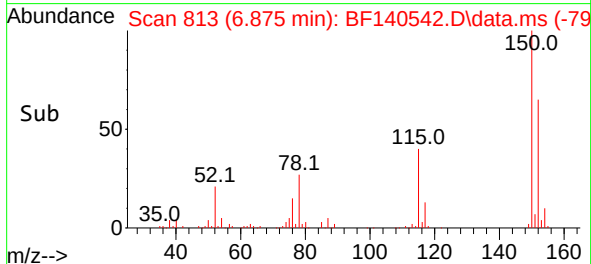
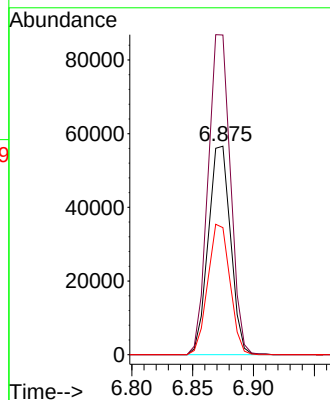
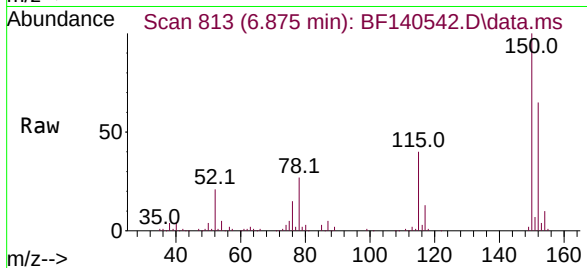




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.875 min Scan# 81
 Delta R.T. -0.000 min
 Lab File: BF140542.D
 Acq: 21 Nov 2024 18:21

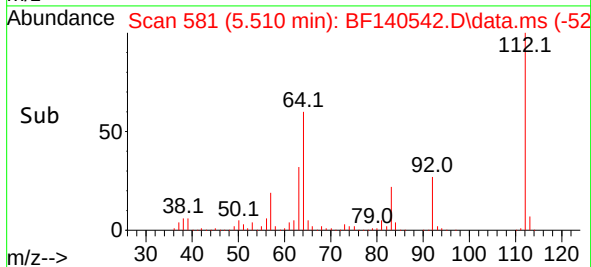
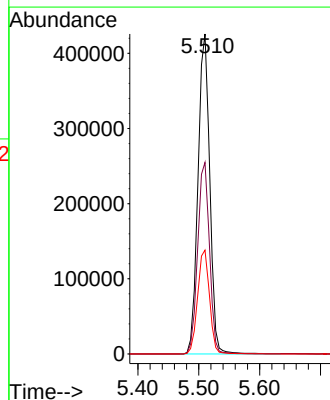
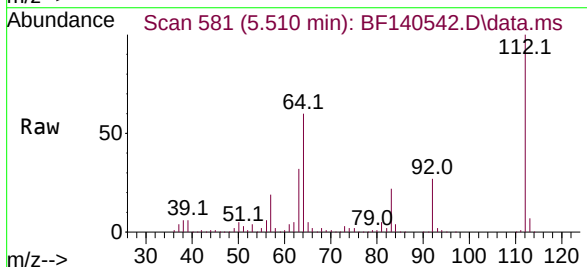
Instrument :
 BNA_F
 ClientSampleId :
 MH-739

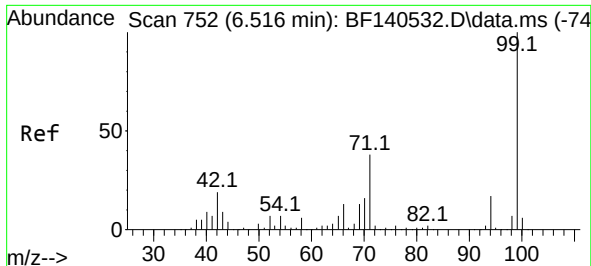
Tgt Ion:152 Resp: 72067
 Ion Ratio Lower Upper
 152 100
 150 153.4 128.5 192.7
 115 60.9 50.2 75.4



#5
 2-Fluorophenol
 Concen: 135.487 ng
 RT: 5.510 min Scan# 581
 Delta R.T. 0.012 min
 Lab File: BF140542.D
 Acq: 21 Nov 2024 18:21

Tgt Ion:112 Resp: 572273
 Ion Ratio Lower Upper
 112 100
 64 59.9 49.2 73.8
 63 32.5 27.0 40.4

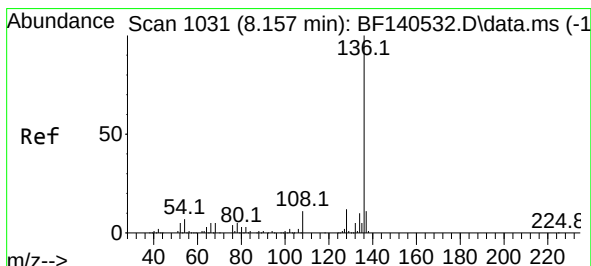
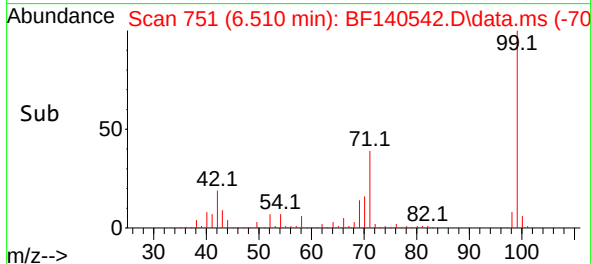
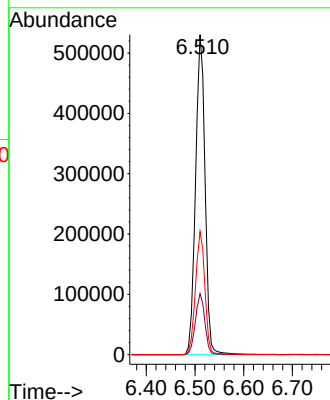
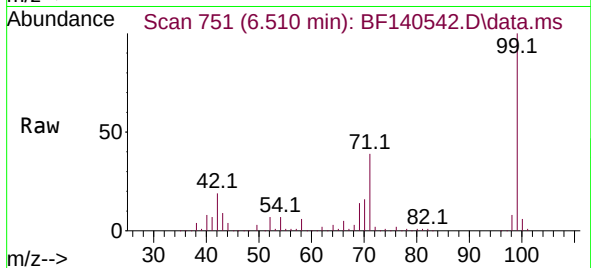




#7
Phenol-d6
Concen: 130.191 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140542.D
Acq: 21 Nov 2024 18:21

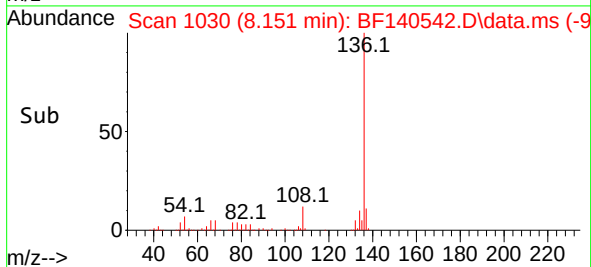
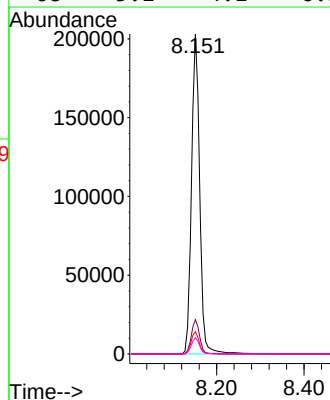
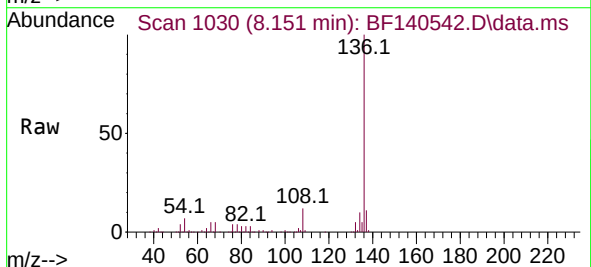
Instrument :
BNA_F
ClientSampleId :
MH-739

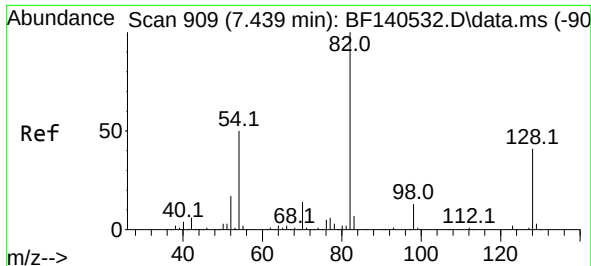
Tgt Ion: 99 Resp: 726985
Ion Ratio Lower Upper
99 100
42 19.0 15.4 23.0
71 38.5 30.6 46.0



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140542.D
Acq: 21 Nov 2024 18:21

Tgt Ion: 136 Resp: 264074
Ion Ratio Lower Upper
136 100
137 10.7 8.6 13.0
54 7.0 5.8 8.8
68 5.1 4.1 6.1

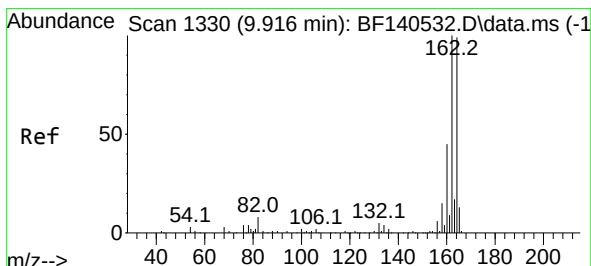
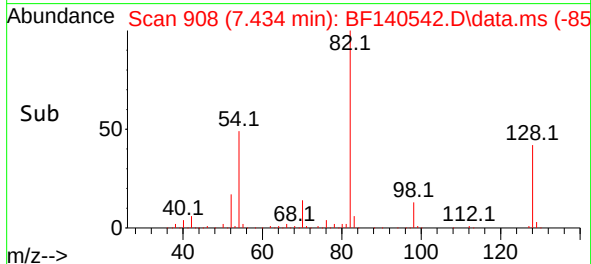
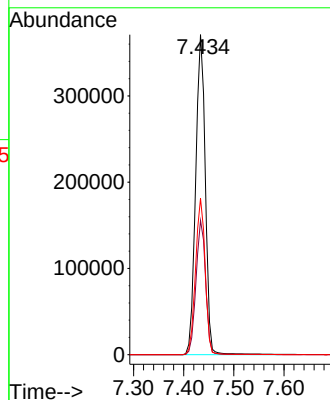
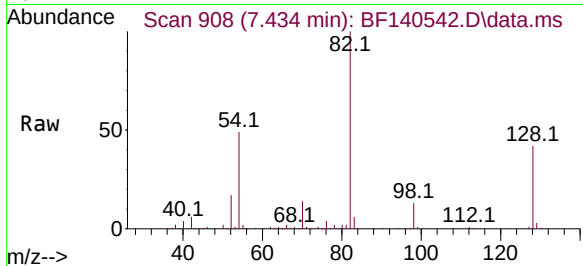




#23
 Nitrobenzene-d5
 Concen: 95.884 ng
 RT: 7.434 min Scan# 909
 Delta R.T. -0.006 min
 Lab File: BF140542.D
 Acq: 21 Nov 2024 18:21

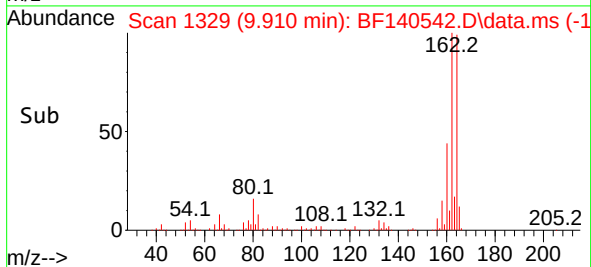
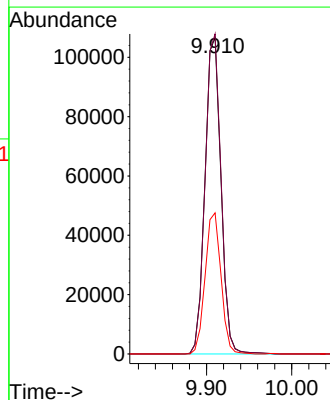
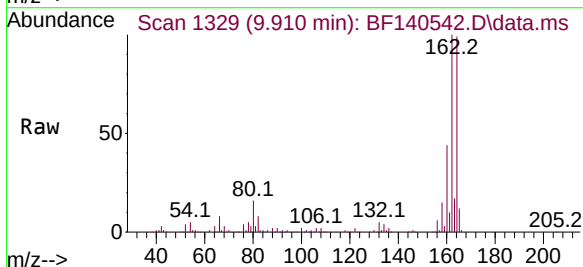
Instrument :
 BNA_F
 ClientSampleId :
 MH-739

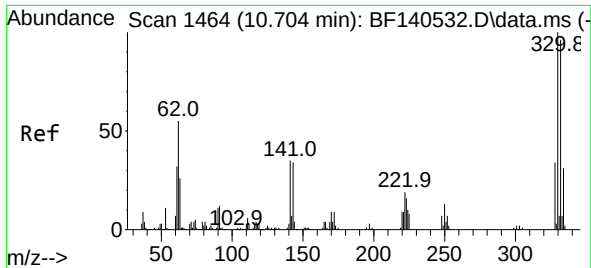
Tgt Ion: 82 Resp: 495022
 Ion Ratio Lower Upper
 82 100
 128 42.0 33.0 49.4
 54 48.8 39.5 59.3



#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 9.910 min Scan# 1329
 Delta R.T. -0.006 min
 Lab File: BF140542.D
 Acq: 21 Nov 2024 18:21

Tgt Ion:164 Resp: 138866
 Ion Ratio Lower Upper
 164 100
 162 101.1 80.6 120.8
 160 44.6 36.2 54.4

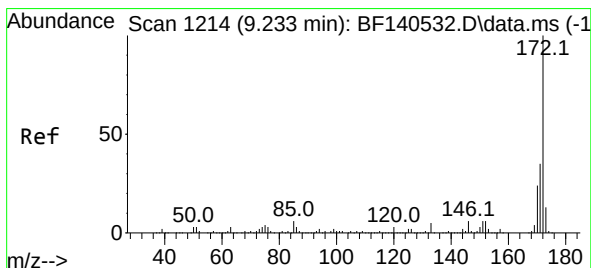
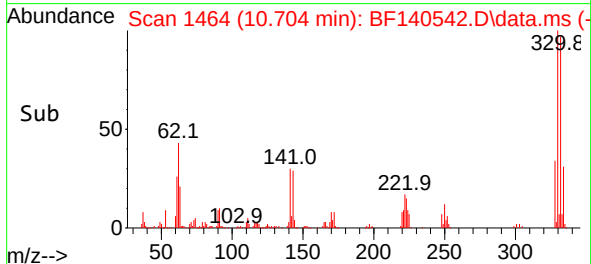
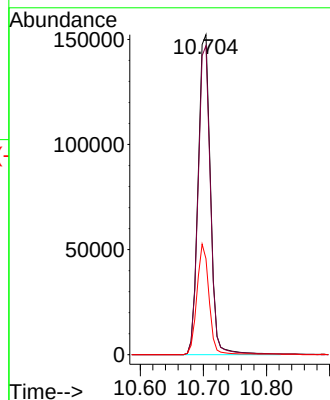
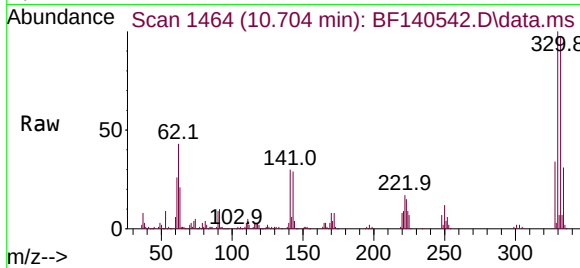




#42
 2,4,6-Tribromophenol
 Concen: 138.992 ng
 RT: 10.704 min Scan# 1464
 Delta R.T. 0.000 min
 Lab File: BF140542.D
 Acq: 21 Nov 2024 18:21

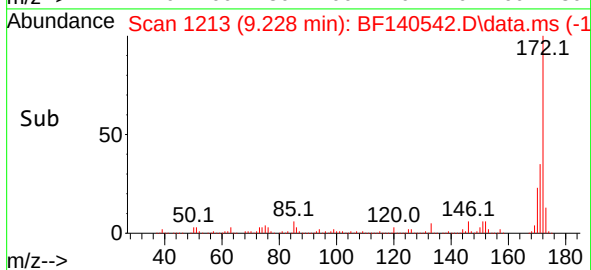
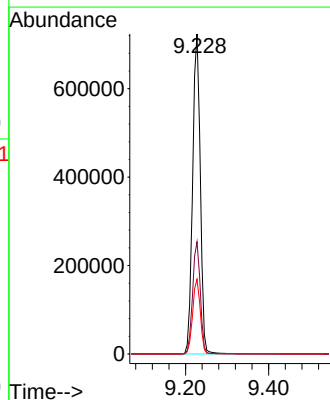
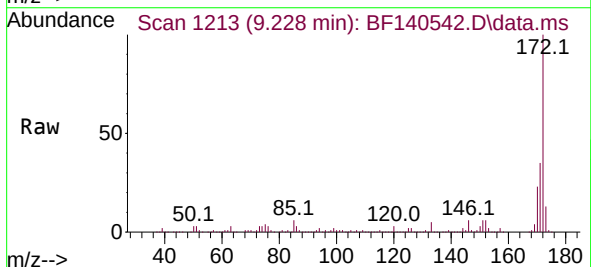
Instrument :
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 ClientSampleId :
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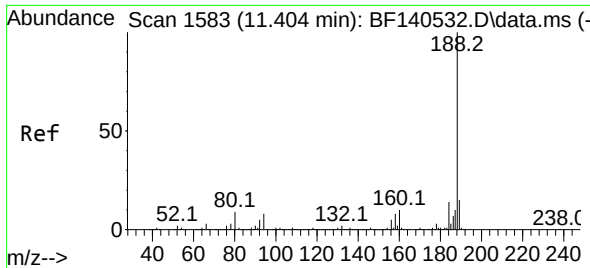
Tgt Ion:330 Resp: 206428
 Ion Ratio Lower Upper
 330 100
 332 96.8 76.9 115.3
 141 34.0 26.7 40.1



#45
 2-Fluorobiphenyl
 Concen: 99.214 ng
 RT: 9.228 min Scan# 1213
 Delta R.T. -0.006 min
 Lab File: BF140542.D
 Acq: 21 Nov 2024 18:21

Tgt Ion:172 Resp: 924694
 Ion Ratio Lower Upper
 172 100
 171 35.0 28.4 42.6
 170 23.4 19.0 28.6

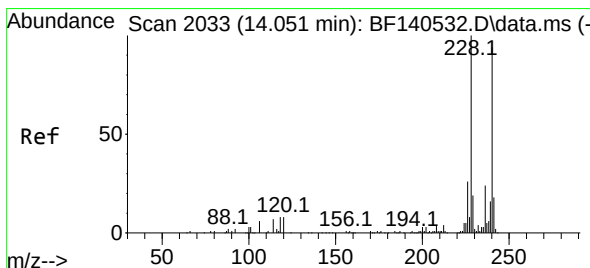
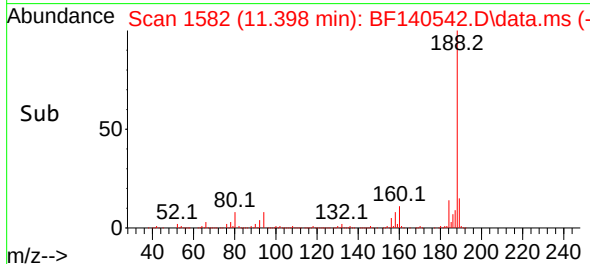
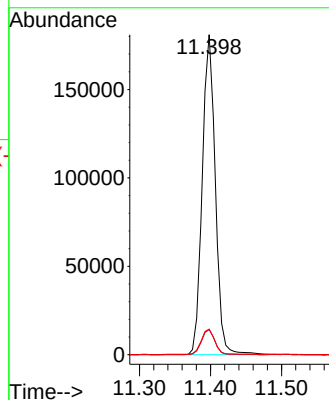
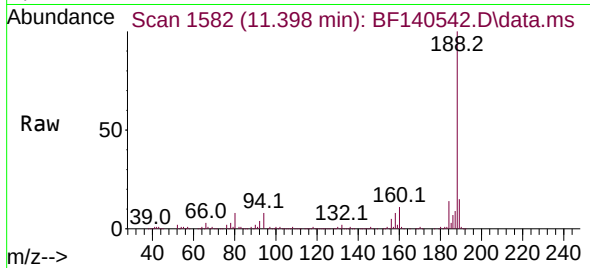




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140542.D
Acq: 21 Nov 2024 18:21

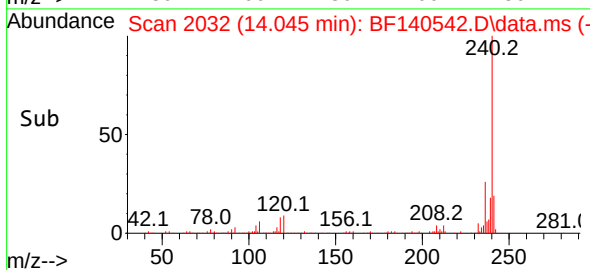
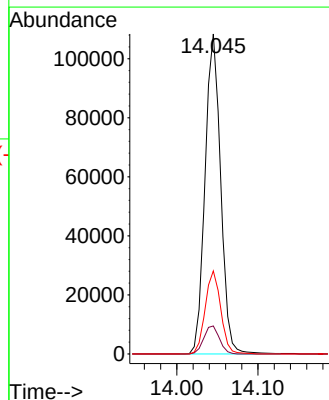
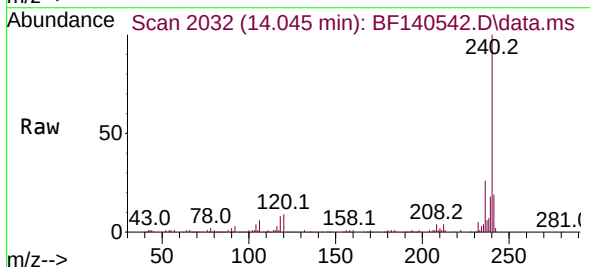
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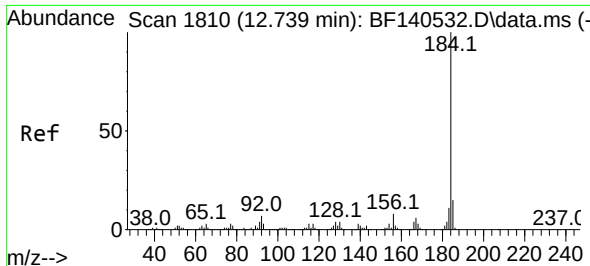
Tgt Ion:188 Resp: 232343
Ion Ratio Lower Upper
188 100
94 7.9 6.4 9.6
80 8.0 6.9 10.3



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140542.D
Acq: 21 Nov 2024 18:21

Tgt Ion:240 Resp: 144485
Ion Ratio Lower Upper
240 100
120 8.8 7.3 10.9
236 26.0 20.6 31.0

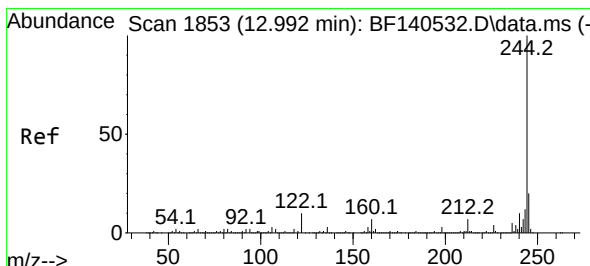
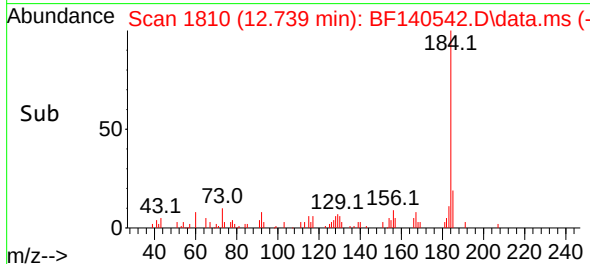
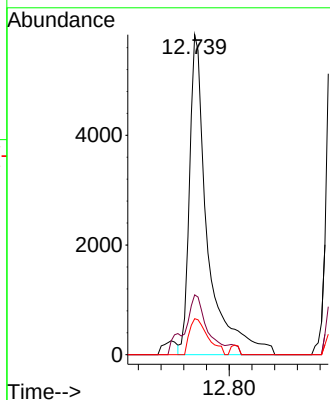
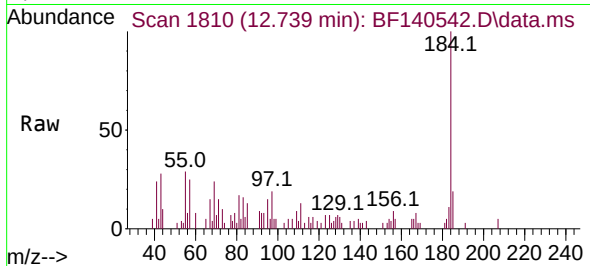




#77
Benzidine
Concen: 3.059 ng
RT: 12.739 min Scan# 1810
Delta R.T. 0.000 min
Lab File: BF140542.D
Acq: 21 Nov 2024 18:21

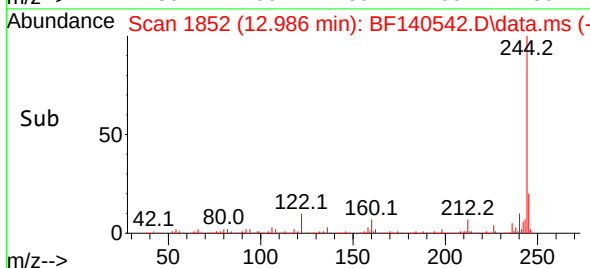
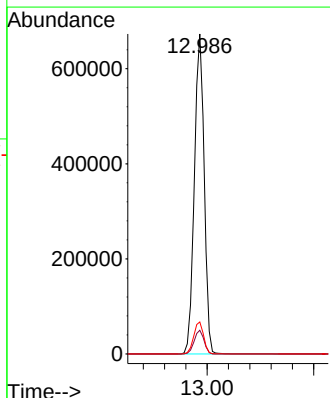
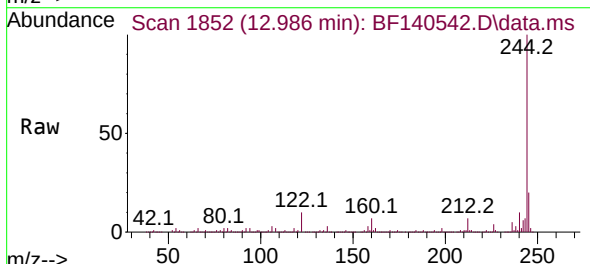
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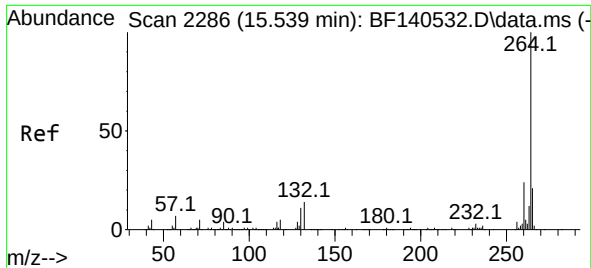
Tgt Ion:184 Resp: 12849
Ion Ratio Lower Upper
184 100
185 18.7 11.7 17.5#
183 11.2 8.8 13.2



#79
Terphenyl-d14
Concen: 93.108 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140542.D
Acq: 21 Nov 2024 18:21

Tgt Ion:244 Resp: 863942
Ion Ratio Lower Upper
244 100
212 7.4 5.8 8.8
122 10.0 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.539 min Scan# 21
Delta R.T. 0.000 min
Lab File: BF140542.D
Acq: 21 Nov 2024 18:21

Instrument :
BNA_F
ClientSampleId :
MH-739

Tgt Ion:264 Resp: 117768

Ion	Ratio	Lower	Upper
264	100		
260	23.3	19.0	28.6
265	21.2	16.6	25.0

