

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
 Data File : BF140798.D
 Acq On : 10 Dec 2024 11:29
 Operator : RC/JU
 Sample : P5196-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-761

Quant Time: Dec 10 13:08:27 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)

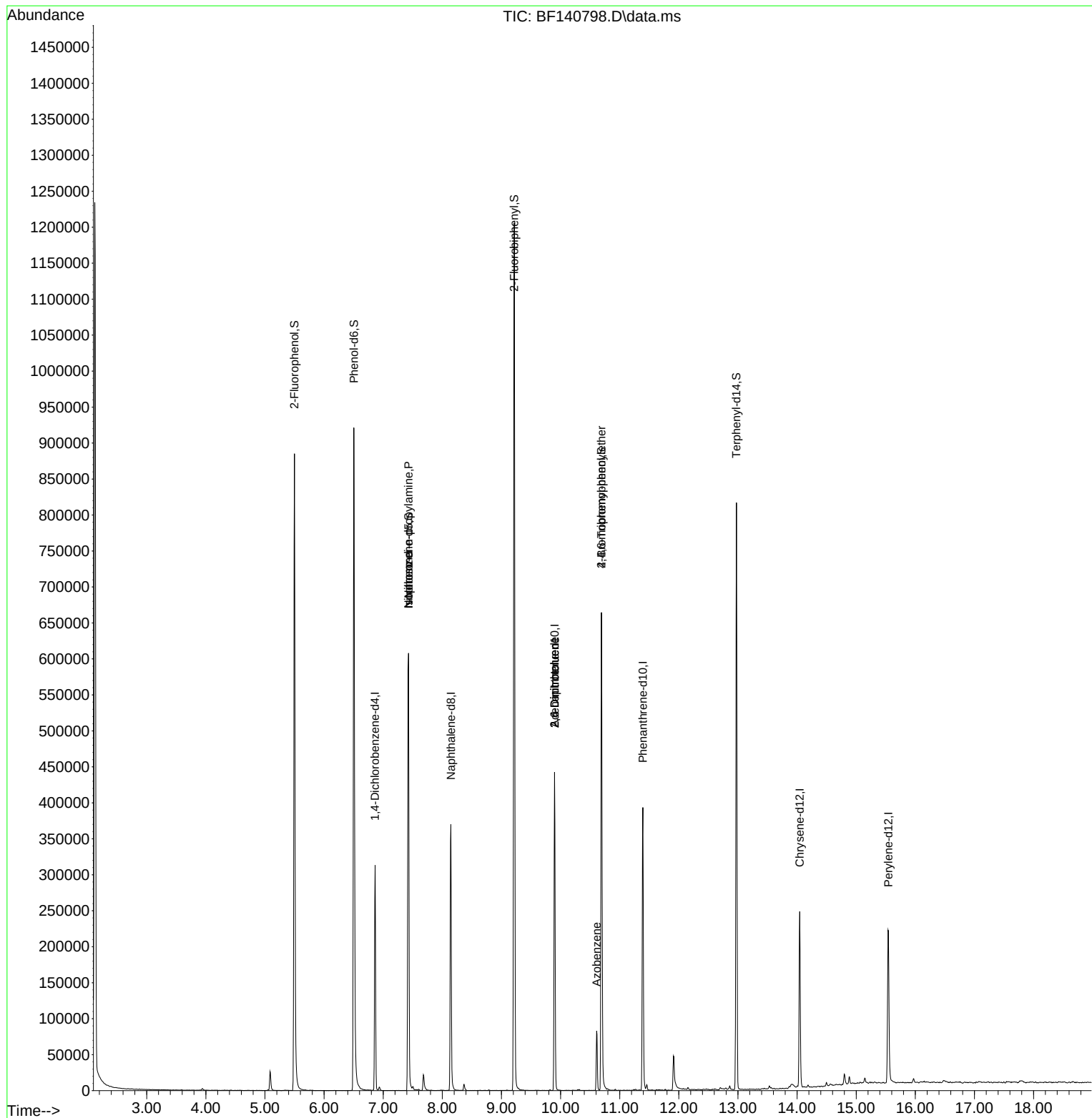
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	66064	20.000	ng	-0.01
21) Naphthalene-d8	8.145	136	252030	20.000	ng	-0.01
39) Acenaphthene-d10	9.898	164	136466	20.000	ng	-0.02
64) Phenanthrene-d10	11.392	188	231109	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	129433	20.000	ng	0.00
86) Perylene-d12	15.545	264	143372	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	360565	93.122	ng	0.00
7) Phenol-d6	6.504	99	463582	90.564	ng	-0.01
23) Nitrobenzene-d5	7.428	82	295069	59.885	ng	-0.01
42) 2,4,6-Tribromophenol	10.692	330	120925	82.853	ng	-0.01
45) 2-Fluorobiphenyl	9.216	172	542250	59.203	ng	-0.02
79) Terphenyl-d14	12.974	244	396996	47.760	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.428	70	39157	12.944	ng	# 75
25) Isophorone	7.428	82	292220	35.557	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	17355	8.514	ng	# 19
57) 2,4-Dinitrotoluene	9.898	165	17355	6.406	ng	# 17
63) Azobenzene	10.610	77	22810	2.638	ng	# 1
67) 4-Bromophenyl-phenylether	10.692	248	7838	3.293	ng	# 1

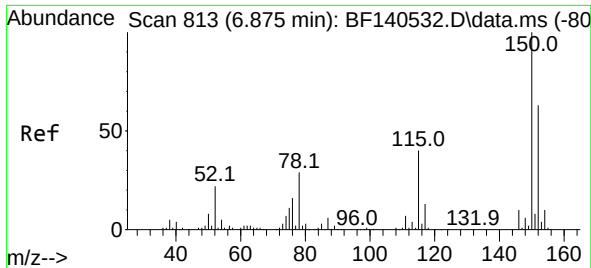
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF121024\
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Misc :
ALS Vial : 5 Sample Multiplier: 1

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Quant Time: Dec 10 13:08:27 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

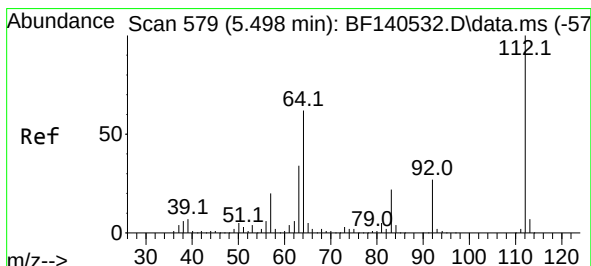
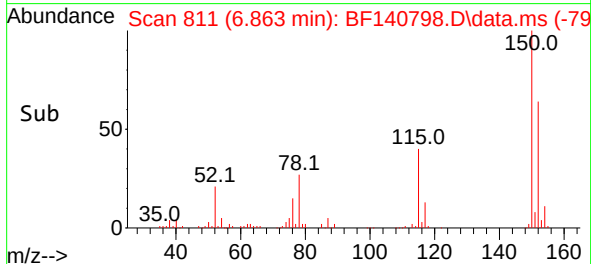
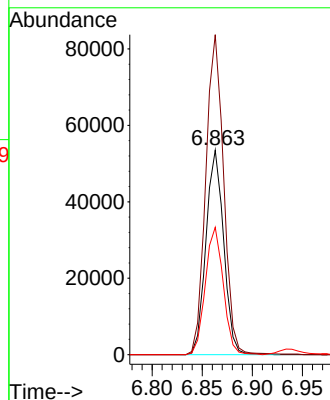
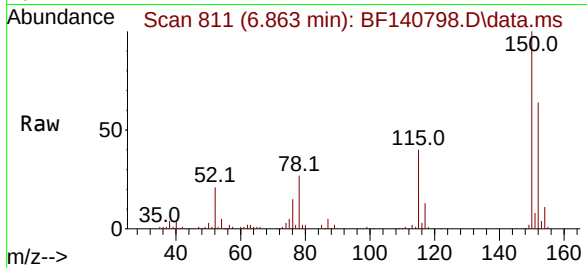




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

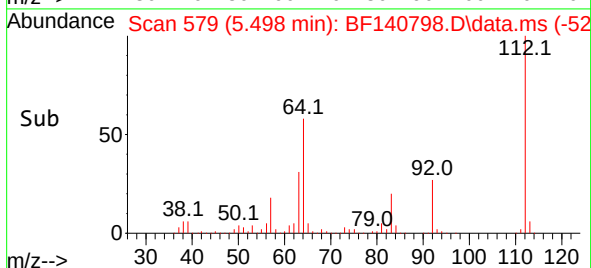
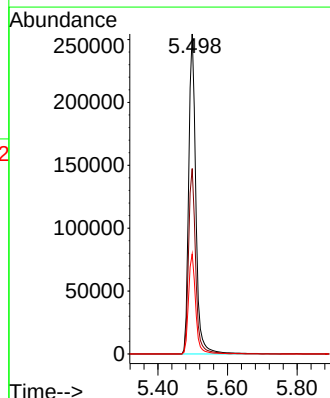
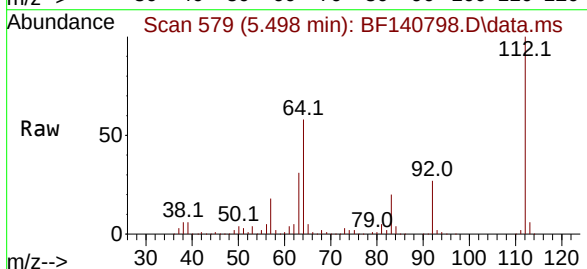
Instrument :
BNA_F
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MH-761

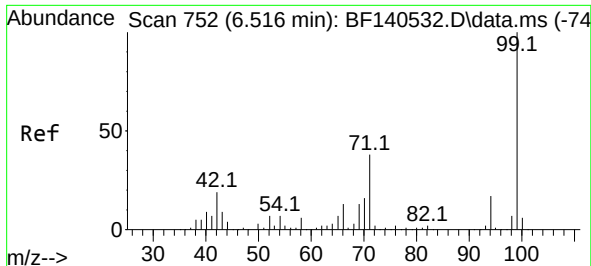
Tgt Ion:152 Resp: 66064
Ion Ratio Lower Upper
152 100
150 156.5 128.5 192.7
115 62.3 50.2 75.4



#5
2-Fluorophenol
Concen: 93.122 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

Tgt Ion:112 Resp: 360565
Ion Ratio Lower Upper
112 100
64 57.9 49.2 73.8
63 31.2 27.0 40.4

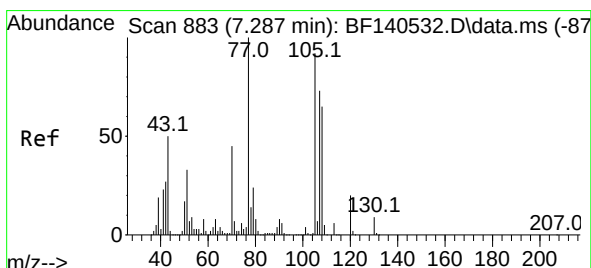
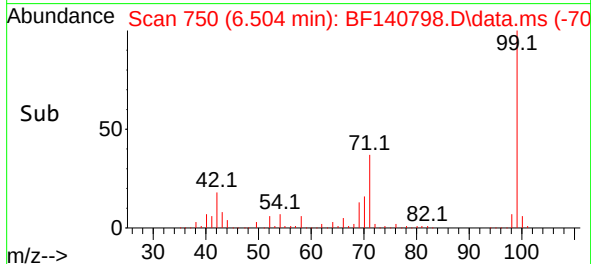
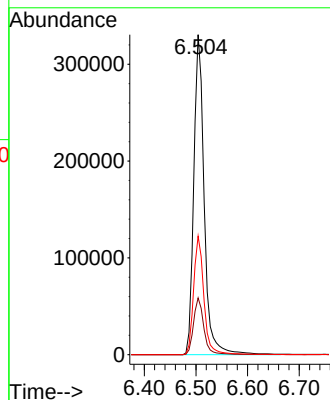
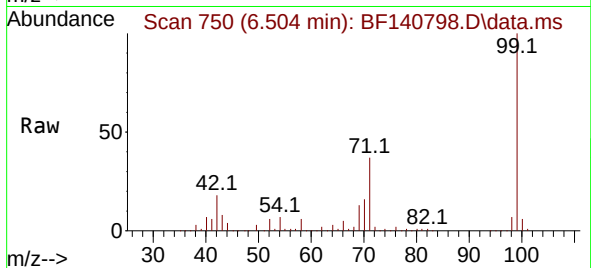




#7
Phenol-d6
Concen: 90.564 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

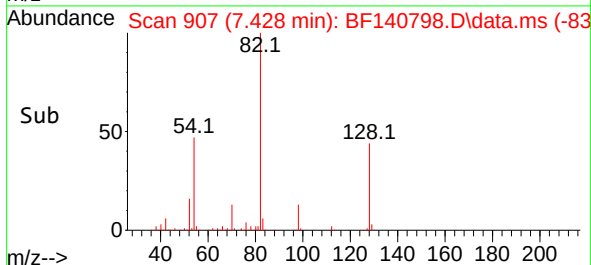
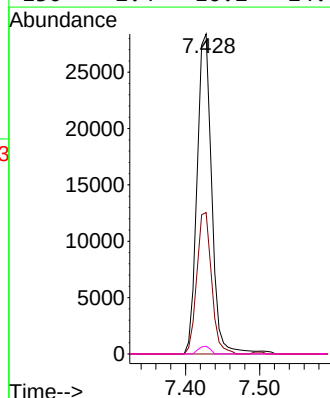
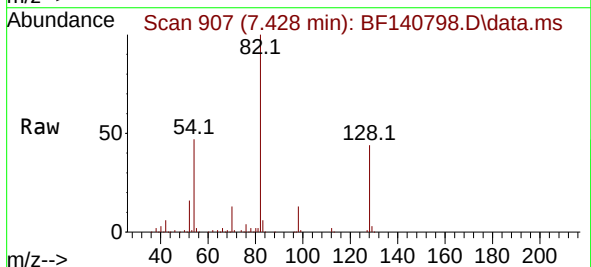
Instrument :
BNA_F
ClientSampleId :
MH-761

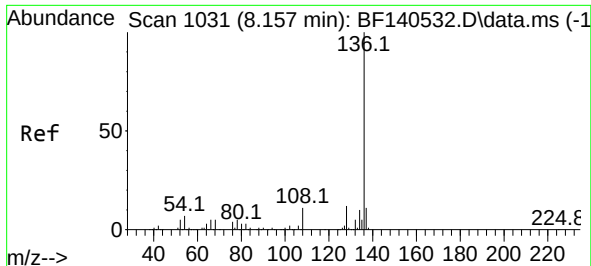
Tgt Ion: 99 Resp: 463582
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 37.1 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 12.944 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

Tgt Ion: 70 Resp: 39157
Ion Ratio Lower Upper
70 100
42 44.2 47.6 71.4#
101 0.0 7.6 11.4#
130 2.4 16.2 24.4#

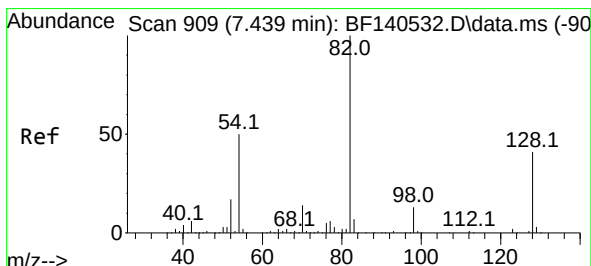
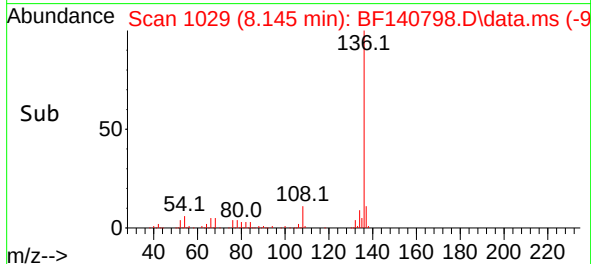
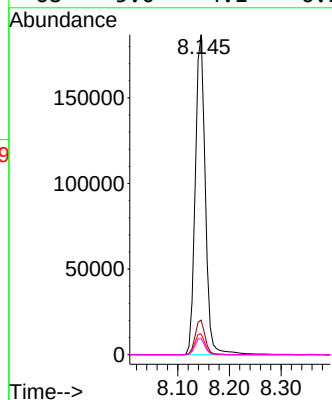
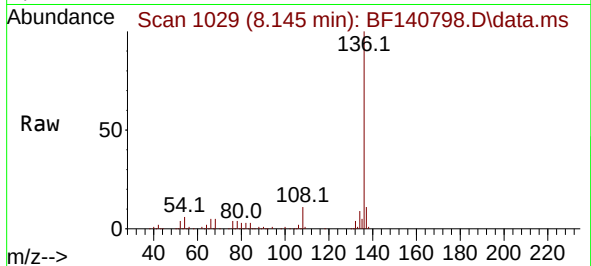




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

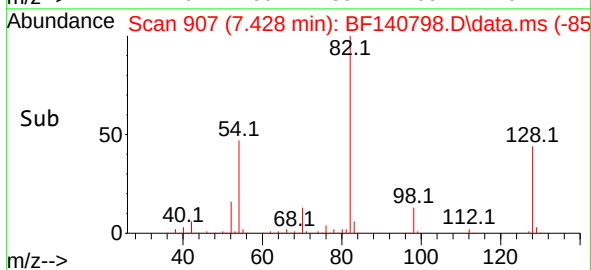
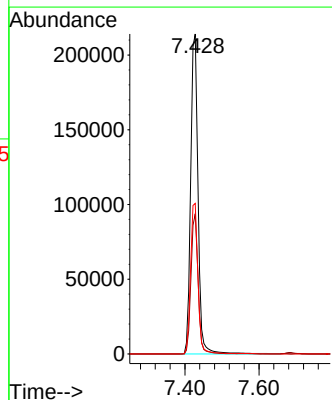
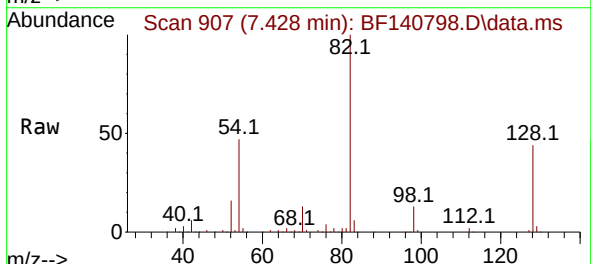
Instrument :
BNA_F
ClientSampleId :
MH-761

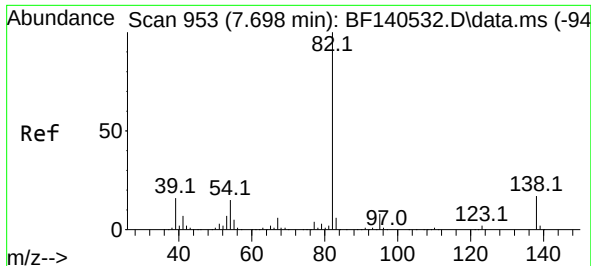
Tgt Ion:	136	Resp:	252030
Ion Ratio	Lower	Upper	
136	100		
137	10.8	8.6	13.0
54	6.5	5.8	8.8
68	5.0	4.1	6.1



#23
Nitrobenzene-d5
Concen: 59.885 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

Tgt Ion:	82	Resp:	295069
Ion Ratio	Lower	Upper	
82	100		
128	43.8	33.0	49.4
54	47.1	39.5	59.3

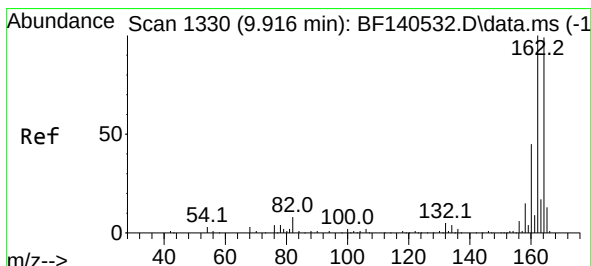
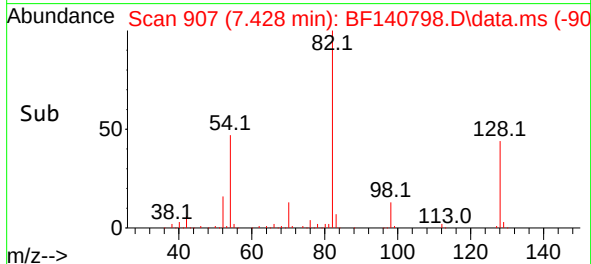
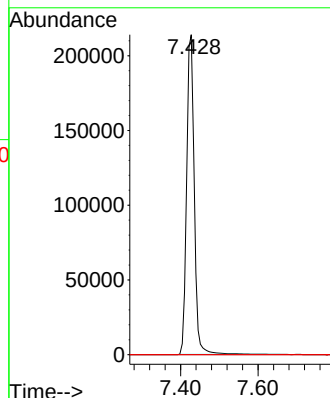
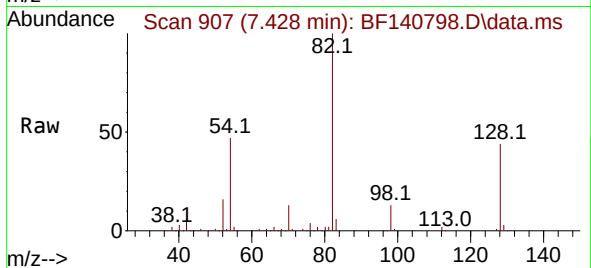




#25
Isophorone
Concen: 35.557 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

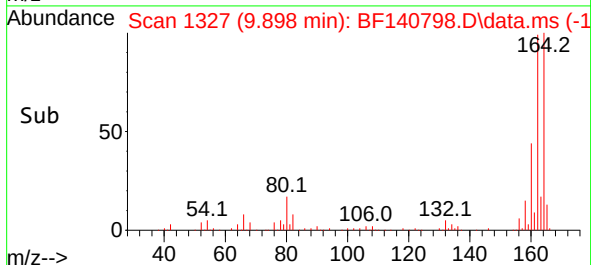
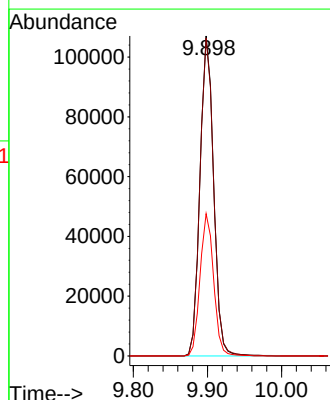
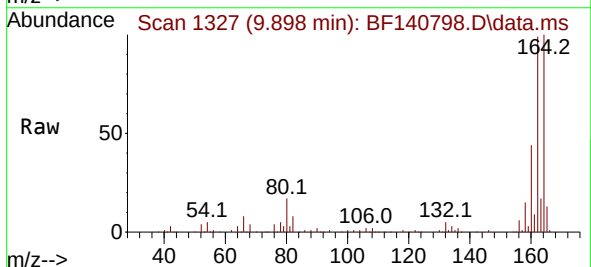
Instrument :
BNA_F
ClientSampleId :
MH-761

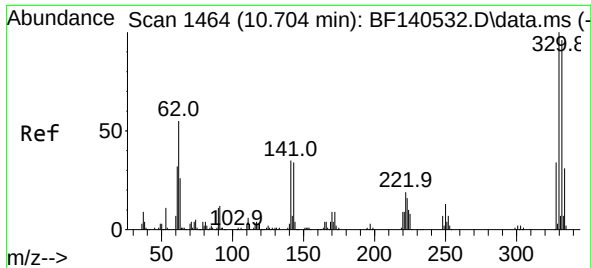
Tgt Ion: 82 Resp: 292220
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.018 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

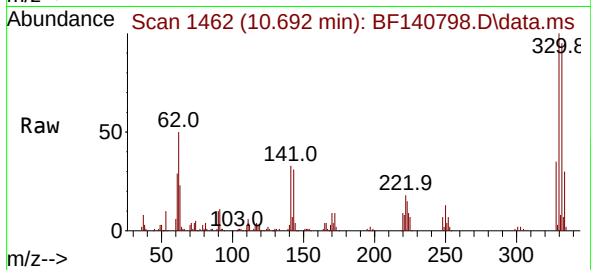
Tgt Ion:164 Resp: 136466
Ion Ratio Lower Upper
164 100
162 99.4 80.6 120.8
160 44.5 36.2 54.4



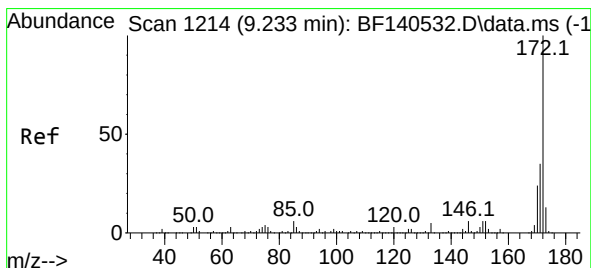
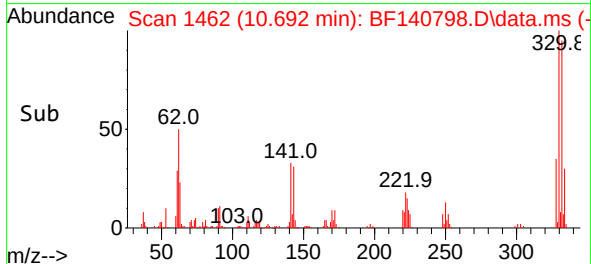
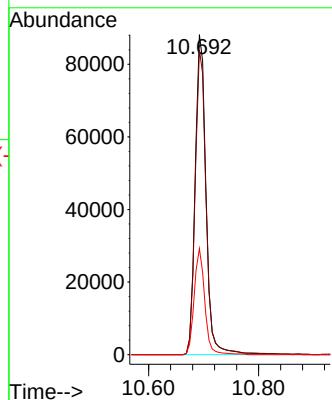


#42
2,4,6-Tribromophenol
Concen: 82.853 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.012 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

Instrument :
BNA_F
ClientSampleId :
MH-761

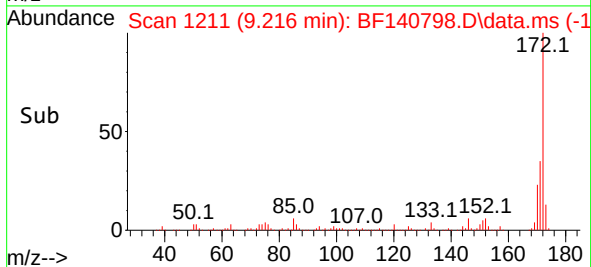
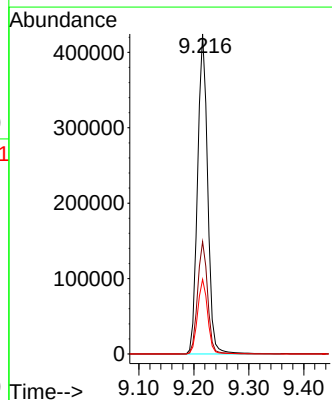
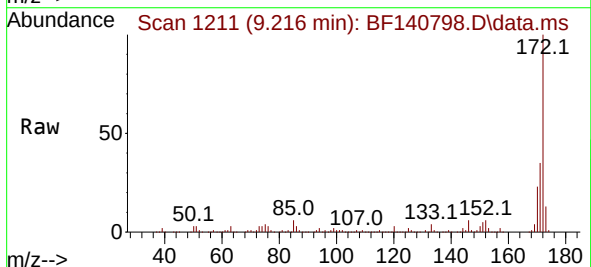


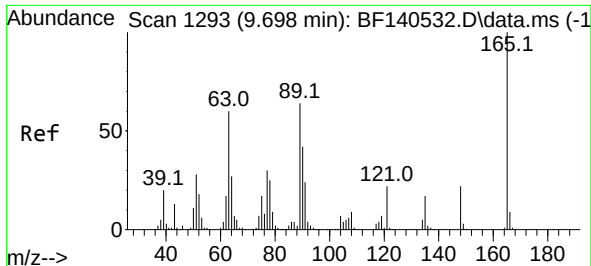
Tgt Ion:330 Resp: 120925
Ion Ratio Lower Upper
330 100
332 95.1 76.9 115.3
141 32.2 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 59.203 ng
RT: 9.216 min Scan# 1211
Delta R.T. -0.018 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

Tgt Ion:172 Resp: 542250
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.3 19.0 28.6

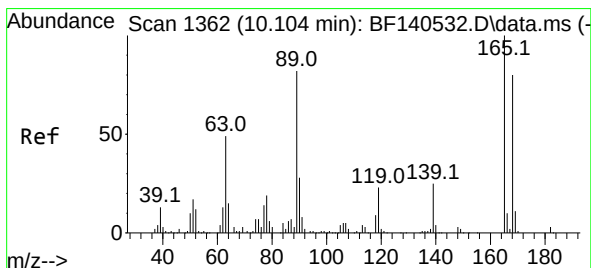
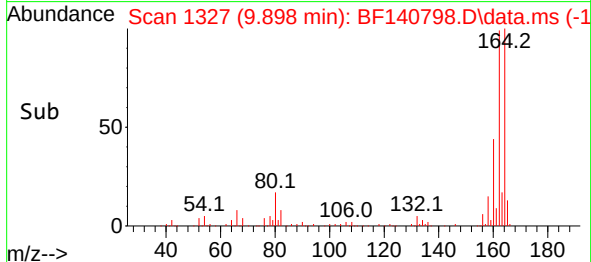
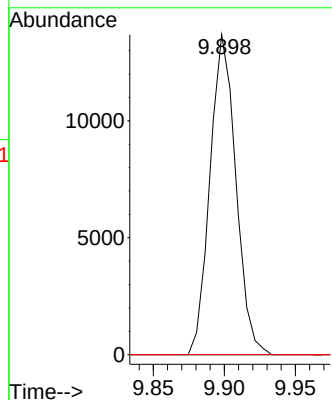
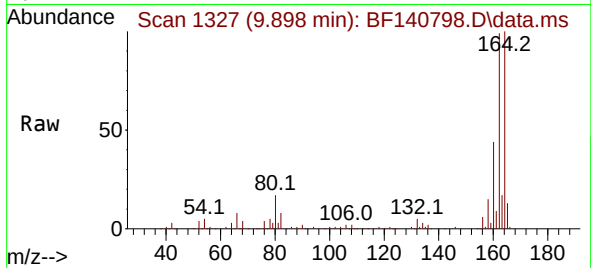




#51
2,6-Dinitrotoluene
Concen: 8.514 ng
RT: 9.898 min Scan# 11
Delta R.T. 0.200 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

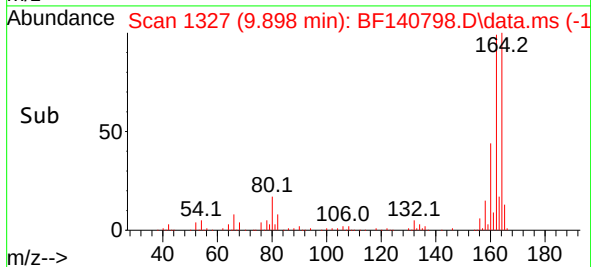
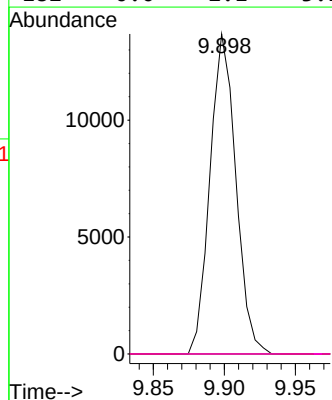
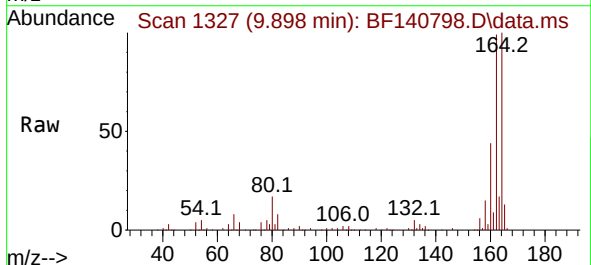
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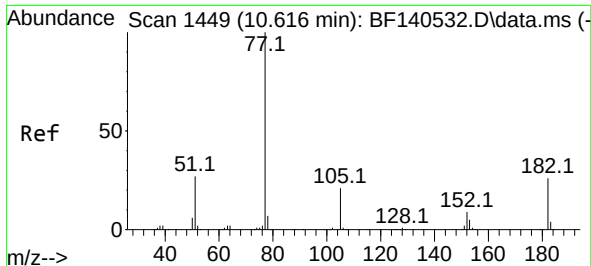
Tgt Ion:165 Resp: 17355
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.406 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.206 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

Tgt Ion:165 Resp: 17355
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 0.0 65.8 98.8#
182 0.0 2.1 3.1#

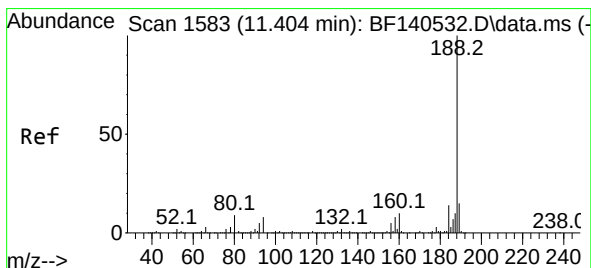
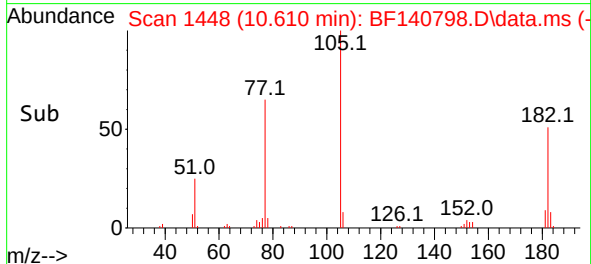
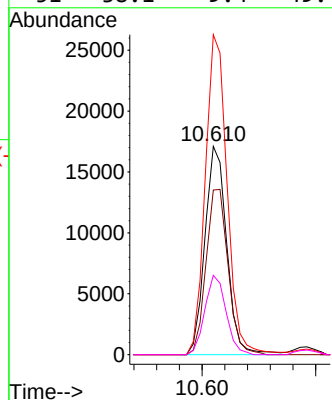
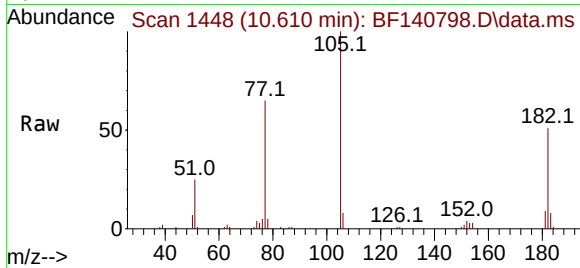




#63
Azobenzene
Concen: 2.638 ng
RT: 10.610 min Scan# 1449
Delta R.T. -0.006 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

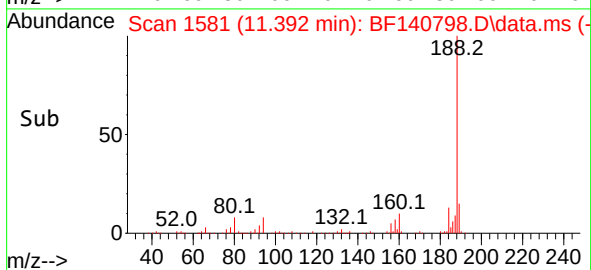
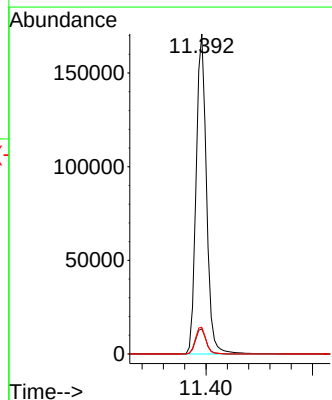
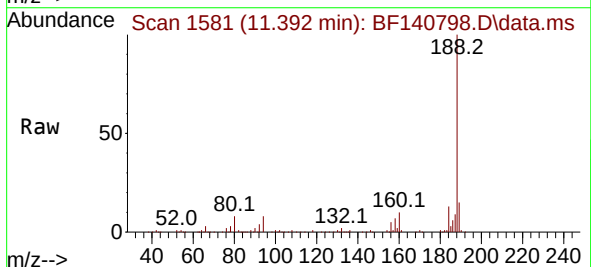
Instrument :
BNA_F
ClientSampleId :
MH-761

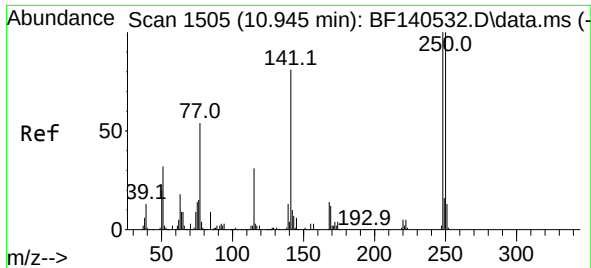
Tgt Ion: 77	Resp: 22810
Ion Ratio	Lower Upper
77 100	
182 79.1	5.3 45.3#
105 153.6	0.3 40.3#
51 38.1	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

Tgt Ion: 188	Resp: 231109
Ion Ratio	Lower Upper
188 100	
94 7.8	6.4 9.6
80 8.3	6.9 10.3

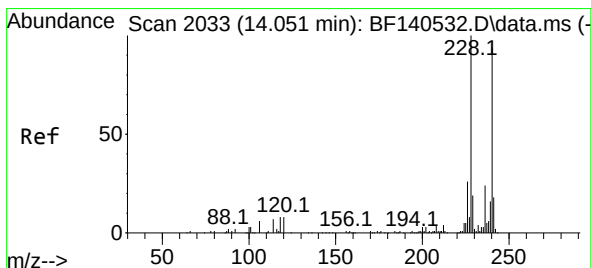
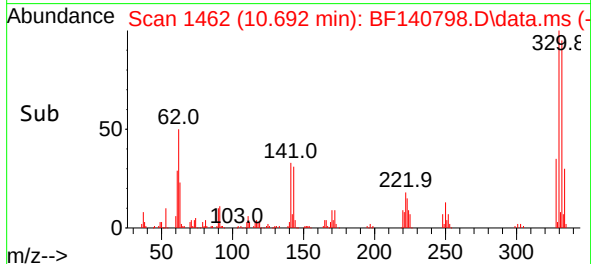
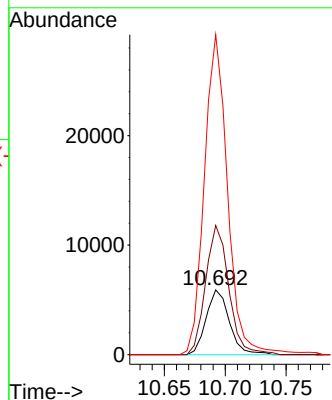
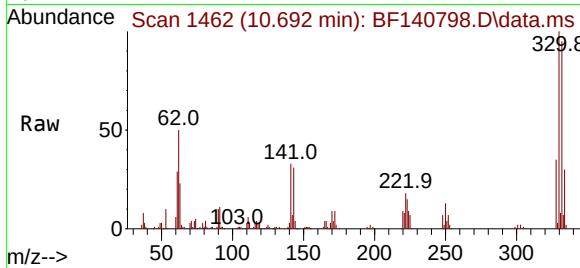




#67
4-Bromophenyl-phenylether
Concen: 3.293 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.253 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

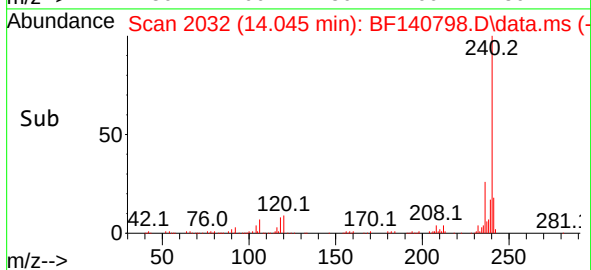
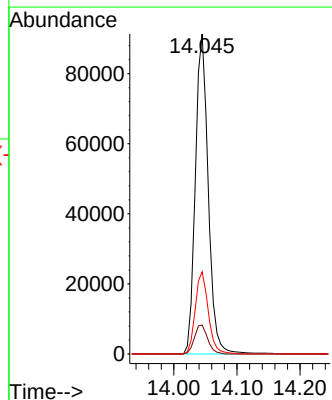
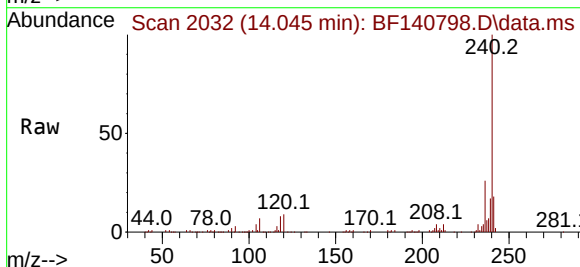
Instrument :
BNA_F
ClientSampleId :
MH-761

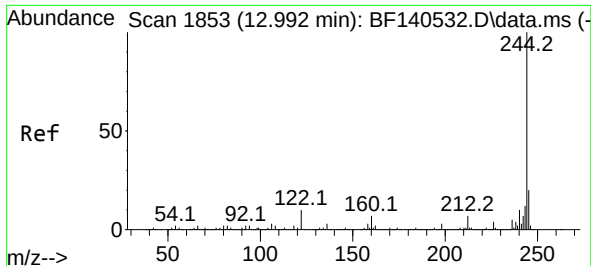
Tgt Ion:248 Resp: 7838
Ion Ratio Lower Upper
248 100
250 199.4 79.8 119.8#
141 493.5 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140798.D
Acq: 10 Dec 2024 11:29

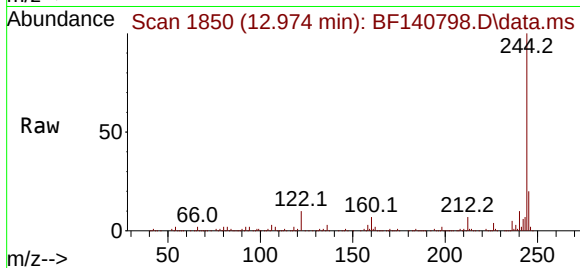
Tgt Ion:240 Resp: 129433
Ion Ratio Lower Upper
240 100
120 9.1 7.3 10.9
236 25.7 20.6 31.0



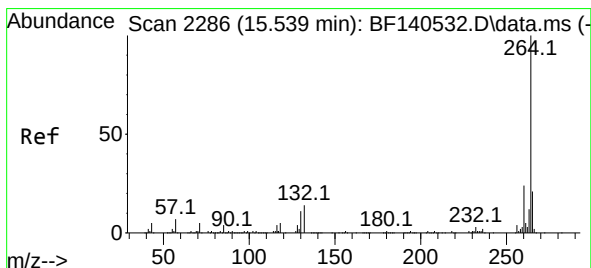
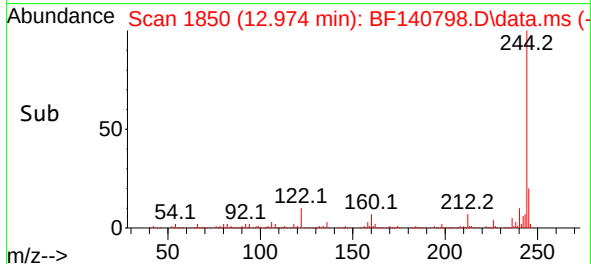
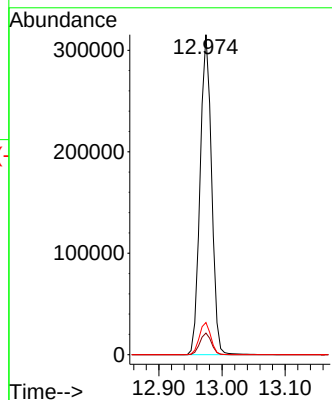


#79
 Terphenyl-d14
 Concen: 47.760 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.018 min
 Lab File: BF140798.D
 Acq: 10 Dec 2024 11:29

Instrument :
 BNA_F
 ClientSampleId :
 MH-761



Tgt Ion:244 Resp: 396996
 Ion Ratio Lower Upper
 244 100
 212 6.8 5.8 8.8
 122 10.0 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: BF140798.D
 Acq: 10 Dec 2024 11:29

Tgt Ion:264 Resp: 143372
 Ion Ratio Lower Upper
 264 100
 260 22.9 19.0 28.6
 265 21.2 16.6 25.0

