

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140651.D
 Acq On : 26 Nov 2024 19:19
 Operator : RC/JU
 Sample : P4985-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-740-WC

Quant Time: Nov 27 00:08:23 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)

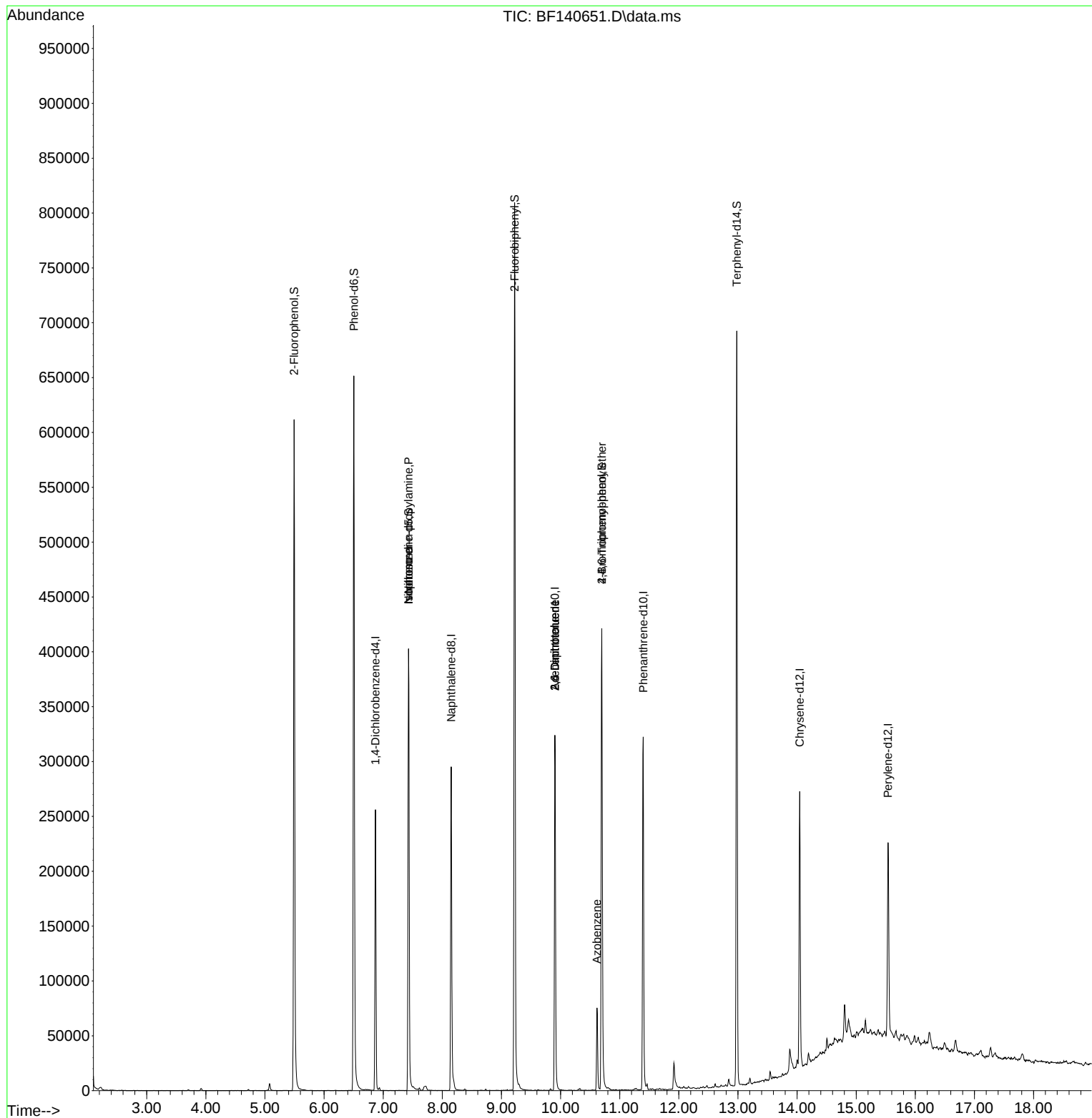
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	54801	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	196711	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	105898	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	193437	20.000	ng	0.00
76) Chrysene-d12	14.045	240	122817	20.000	ng	0.00
86) Perylene-d12	15.539	264	103680	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.493	112	244697	76.186	ng	0.00
7) Phenol-d6	6.504	99	318000	74.891	ng	-0.01
23) Nitrobenzene-d5	7.428	82	193660	50.357	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	80239	70.846	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	376983	53.040	ng	-0.01
79) Terphenyl-d14	12.980	244	336315	42.640	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	25693	10.238	ng	# 78
25) Isophorone	7.428	82	188205	29.341	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	13750	8.693	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	13750	6.541	ng	# 17
63) Azobenzene	10.616	77	21874	3.260	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	5119	2.570	ng	# 1

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

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QLast Update : Thu Nov 21 15:23:48 2024
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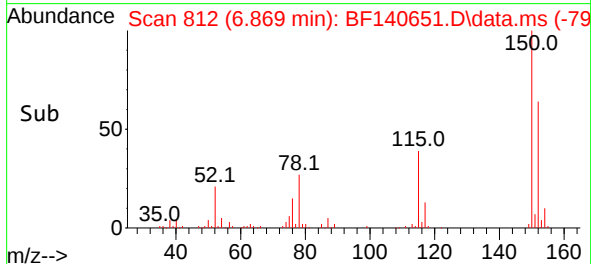
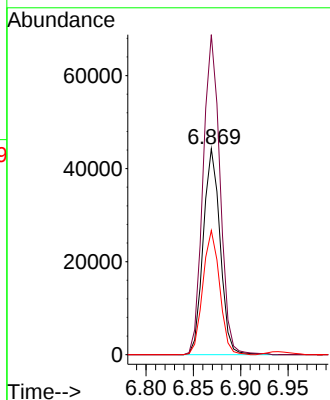
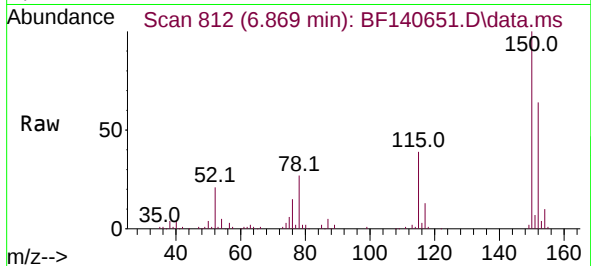




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

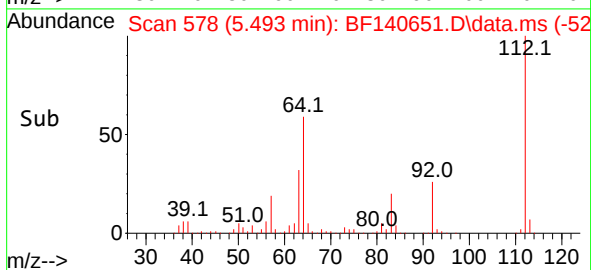
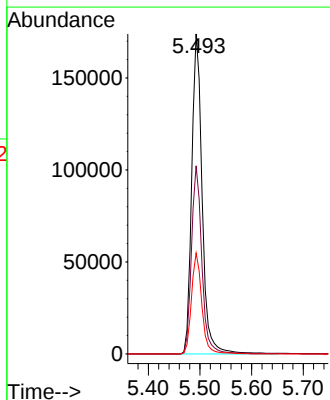
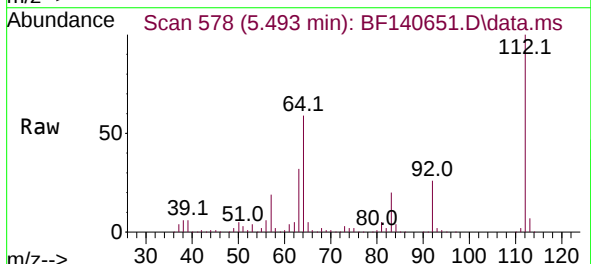
Instrument :
BNA_F
ClientSampleId :
MH-740-WC

Tgt Ion:152 Resp: 54801
Ion Ratio Lower Upper
152 100
150 155.4 128.5 192.7
115 60.3 50.2 75.4



#5
2-Fluorophenol
Concen: 76.186 ng
RT: 5.493 min Scan# 578
Delta R.T. -0.006 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

Tgt Ion:112 Resp: 244697
Ion Ratio Lower Upper
112 100
64 58.8 49.2 73.8
63 31.5 27.0 40.4

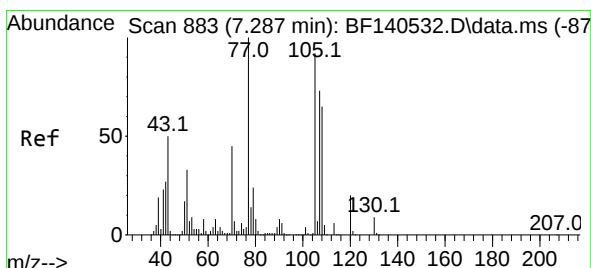
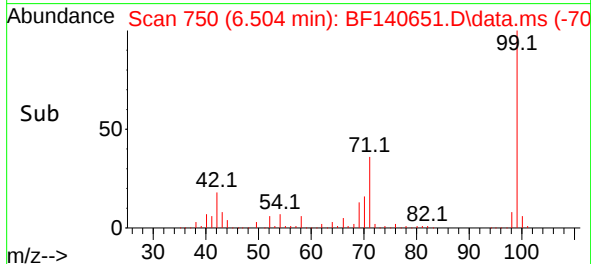
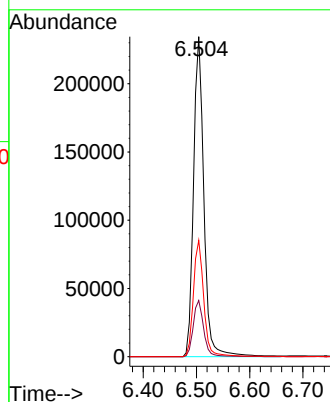
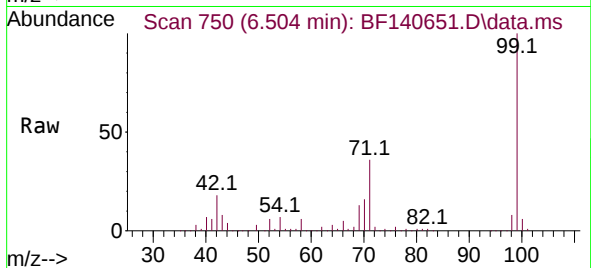




#7
Phenol-d6
Concen: 74.891 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

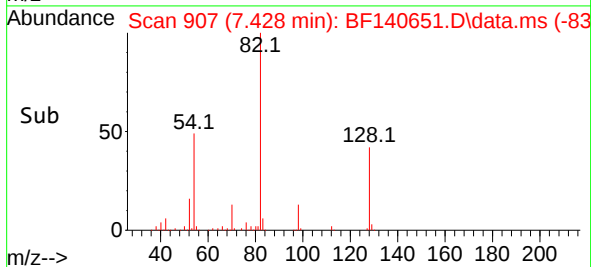
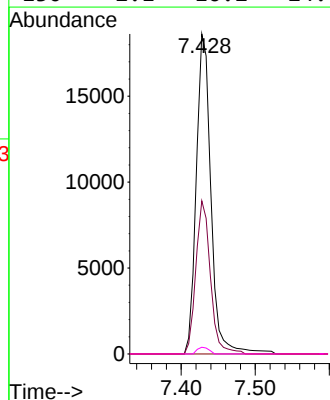
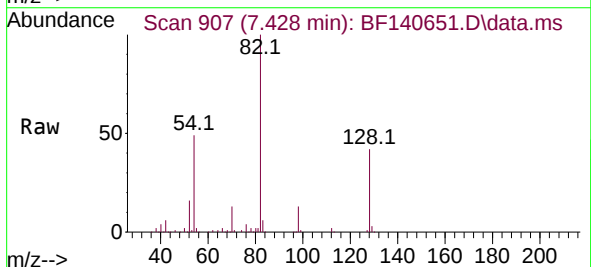
Instrument :
BNA_F
ClientSampleId :
MH-740-WC

Tgt Ion: 99 Resp: 318000
Ion Ratio Lower Upper
99 100
42 17.6 15.4 23.0
71 36.4 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 10.238 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

Tgt Ion: 70 Resp: 25693
Ion Ratio Lower Upper
70 100
42 47.9 47.6 71.4
101 0.0 7.6 11.4#
130 2.1 16.2 24.4#



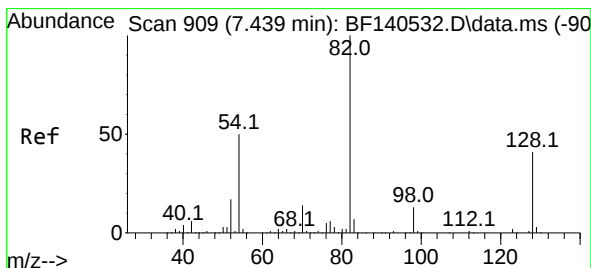
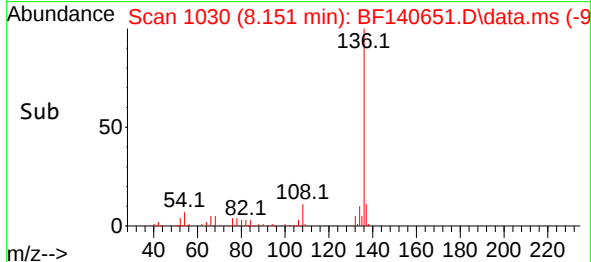
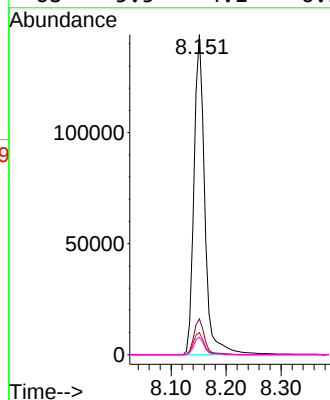
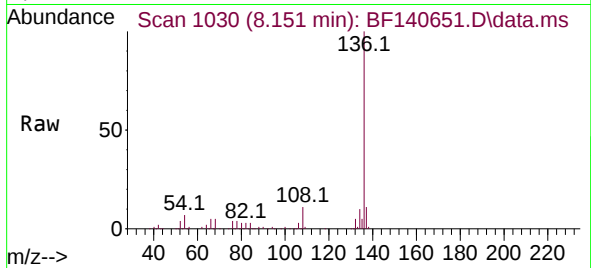


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

Instrument :
BNA_F
ClientSampleId :
MH-740-WC

Tgt Ion:136 Resp: 196711

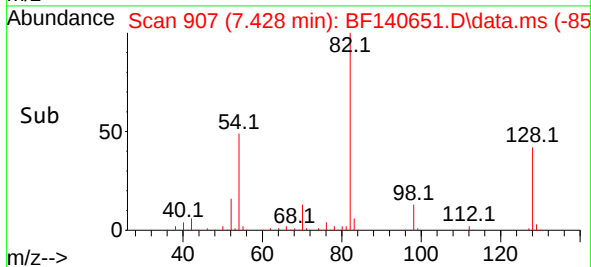
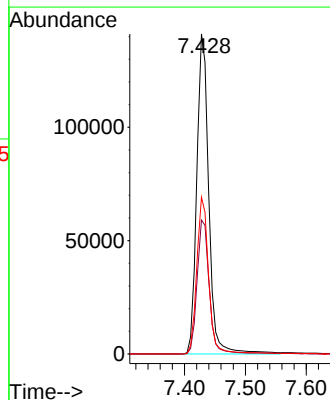
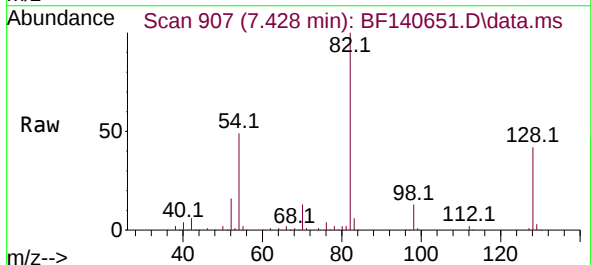
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.6	13.0
54	6.9	5.8	8.8
68	5.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 50.357 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.012 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

Tgt Ion: 82 Resp: 193660

Ion	Ratio	Lower	Upper
82	100		
128	41.9	33.0	49.4
54	49.0	39.5	59.3

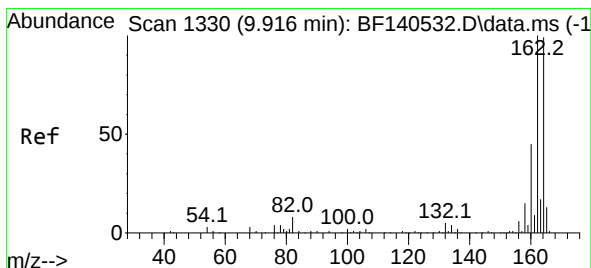
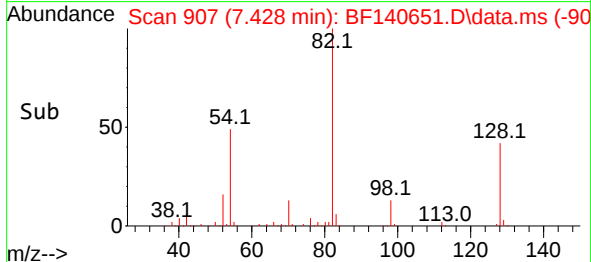
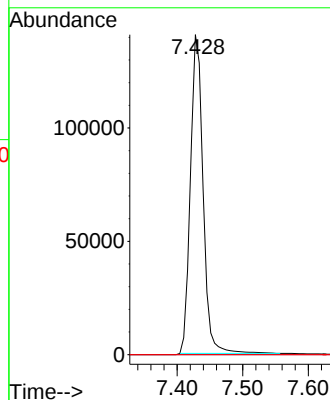
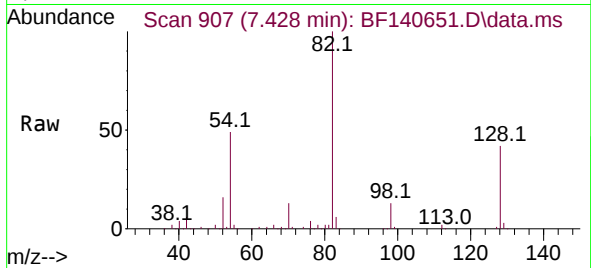




#25
Isophorone
Concen: 29.341 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

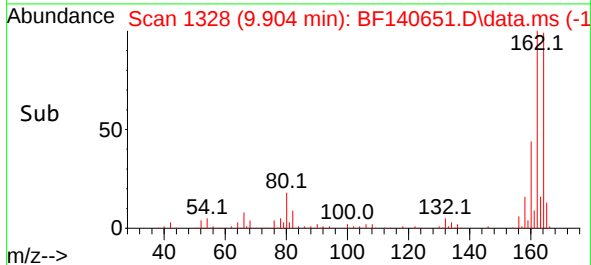
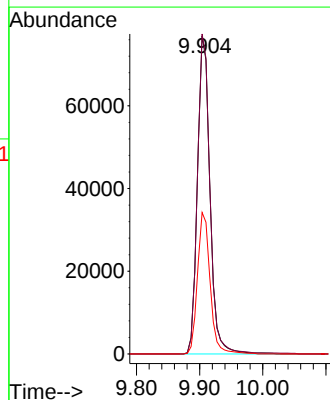
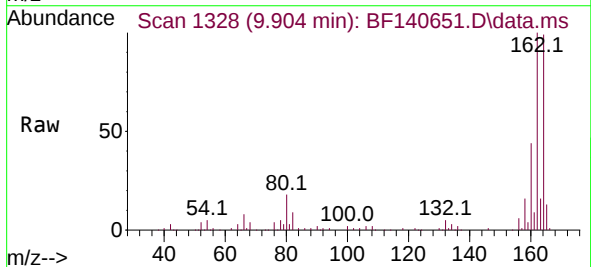
Instrument :
BNA_F
ClientSampleId :
MH-740-WC

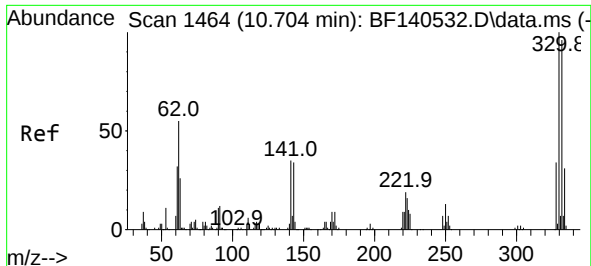
Tgt Ion: 82 Resp: 188205
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

Tgt Ion:164 Resp: 105898
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 44.5 36.2 54.4

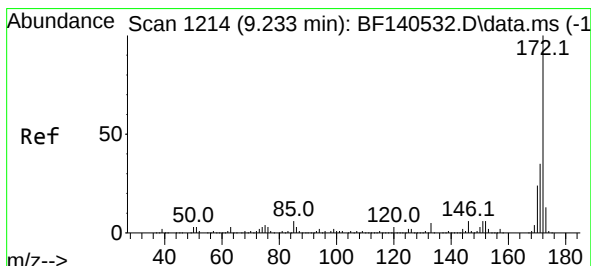
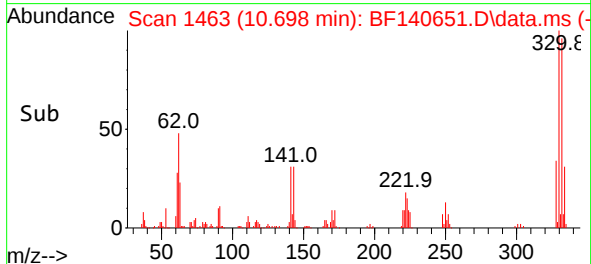
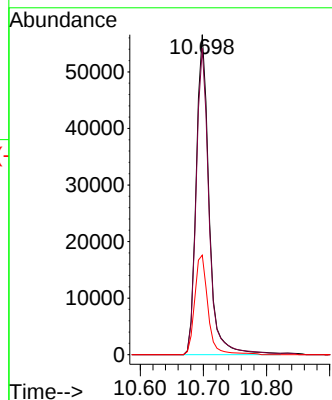
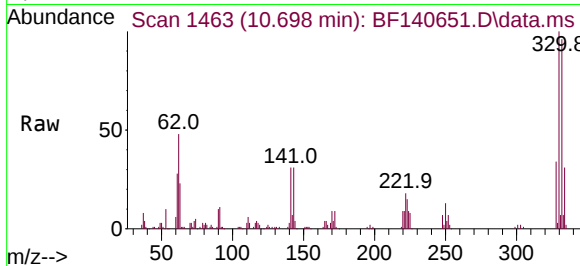




#42
2,4,6-Tribromophenol
Concen: 70.846 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

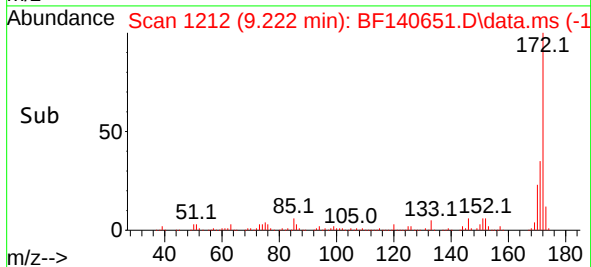
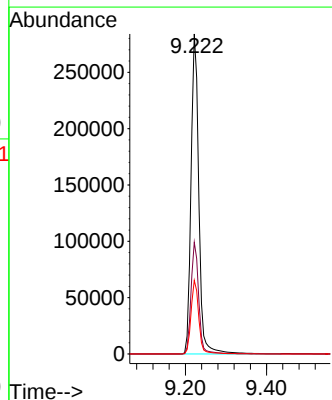
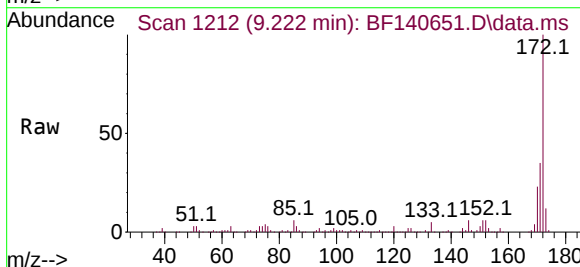
Instrument :
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ClientSampleId :
MH-740-WC

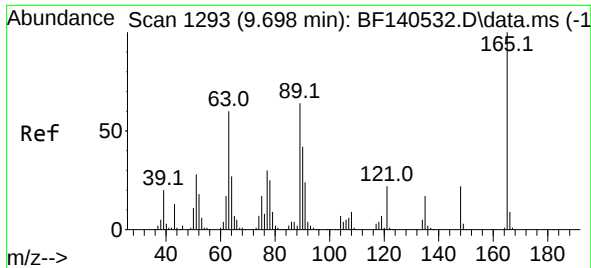
Tgt Ion: 330 Resp: 80239
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 32.0 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 53.040 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

Tgt Ion: 172 Resp: 376983
Ion Ratio Lower Upper
172 100
171 34.9 28.4 42.6
170 23.0 19.0 28.6

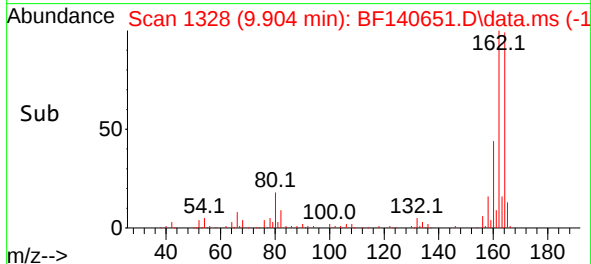
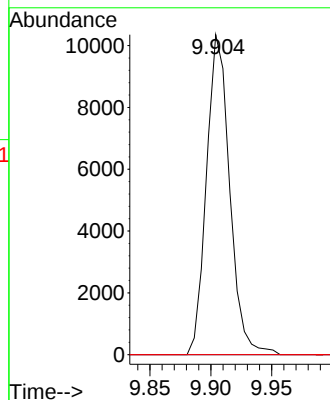
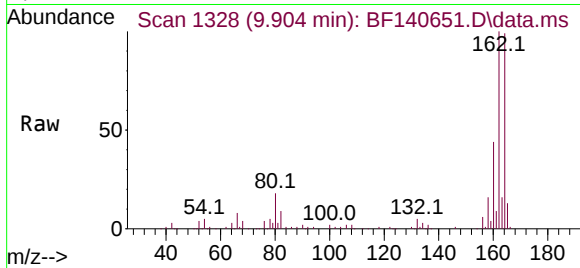




#51
2,6-Dinitrotoluene
Concen: 8.693 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

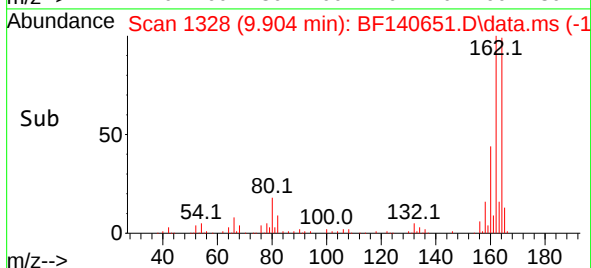
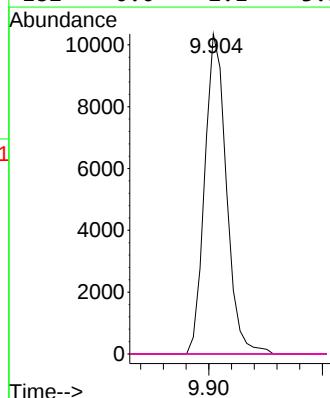
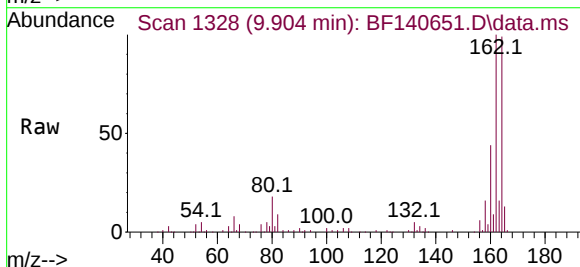
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ClientSampleId :
MH-740-WC

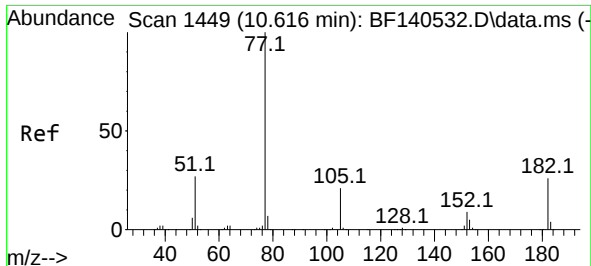
Tgt Ion:165 Resp: 13750
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 0.0 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.541 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

Tgt Ion:165 Resp: 13750
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#

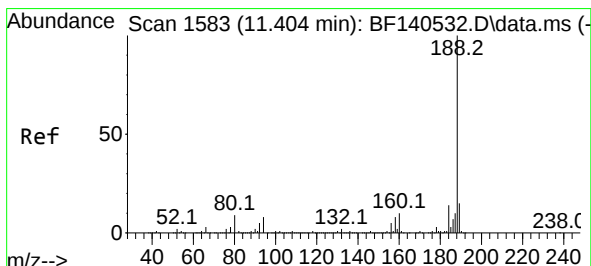
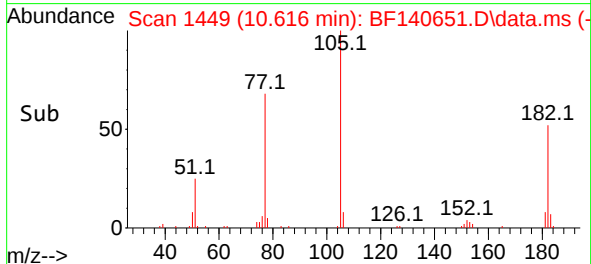
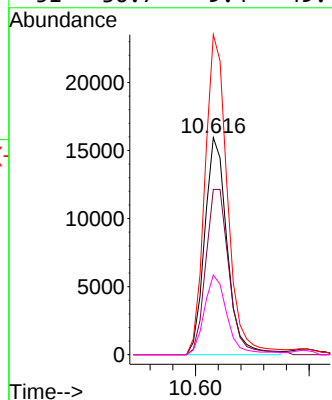
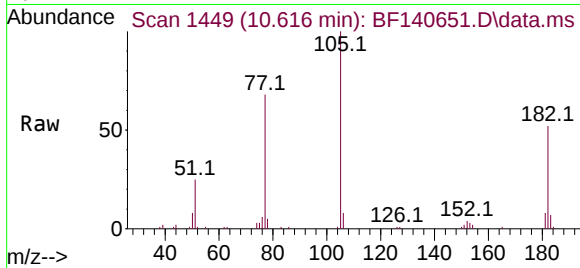




#63
Azobenzene
Concen: 3.260 ng
RT: 10.616 min Scan# 1449
Delta R.T. -0.000 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

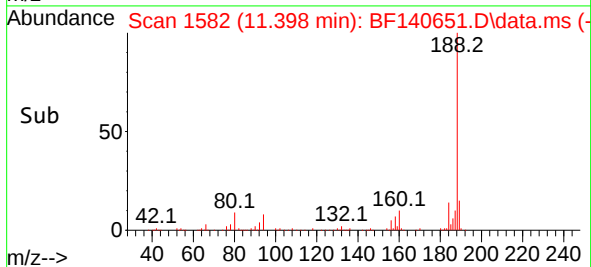
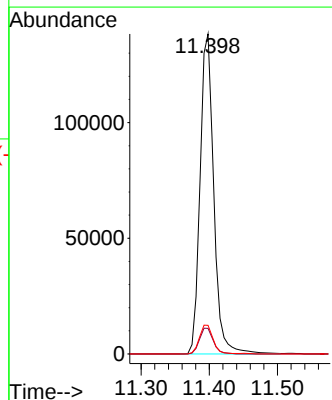
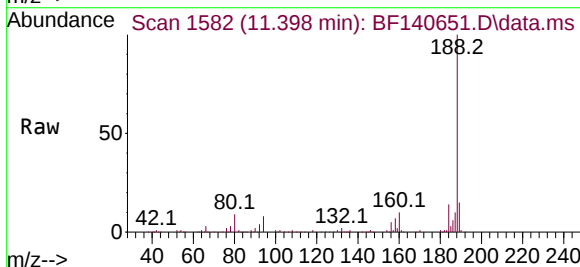
Instrument :
BNA_F
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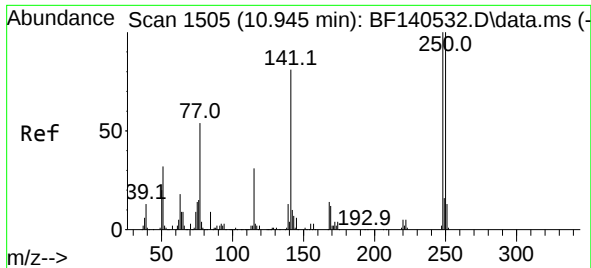
Tgt Ion: 77	Resp: 21874
Ion Ratio	Lower Upper
77 100	
182 76.1	5.3 45.3#
105 147.3	0.3 40.3#
51 36.7	9.4 49.4



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

Tgt Ion: 188	Resp: 193437
Ion Ratio	Lower Upper
188 100	
94 8.0	6.4 9.6
80 9.0	6.9 10.3

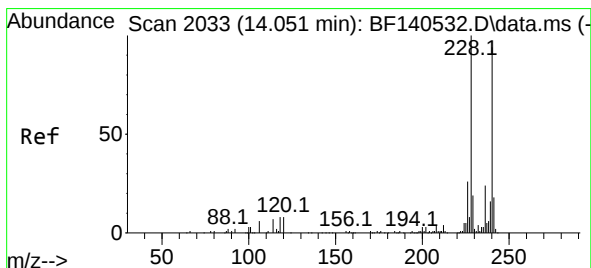
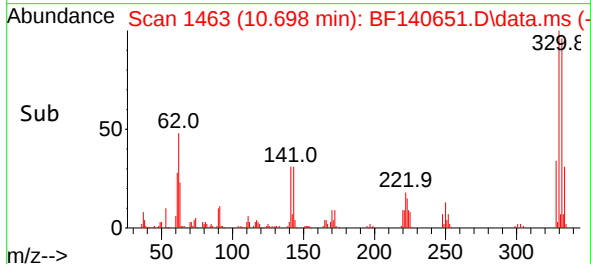
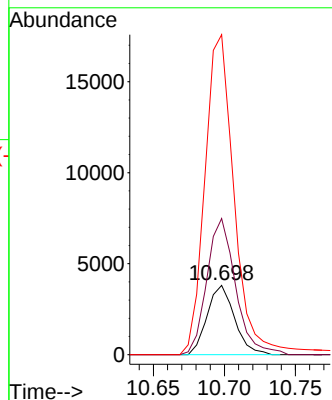
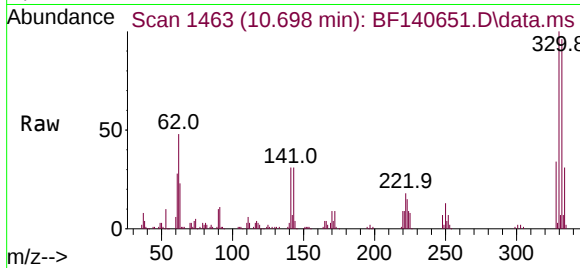




#67
4-Bromophenyl-phenylether
Concen: 2.570 ng
RT: 10.698 min Scan# 141
Delta R.T. -0.247 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

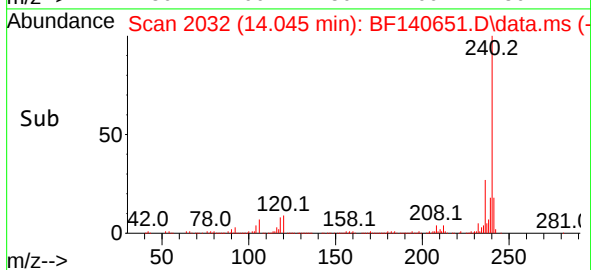
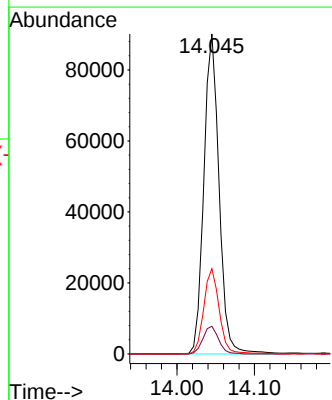
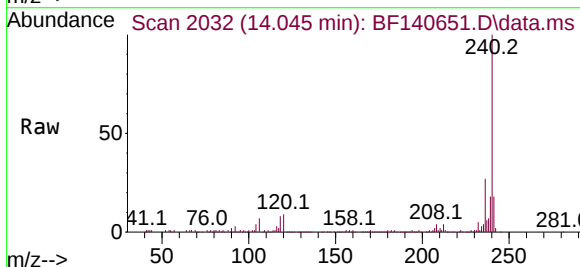
Instrument :
BNA_F
ClientSampleId :
MH-740-WC

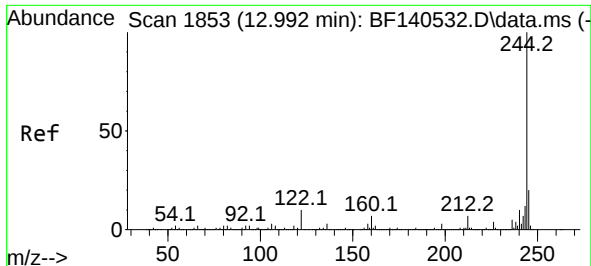
Tgt Ion:248 Resp: 5119
Ion Ratio Lower Upper
248 100
250 196.4 79.8 119.8#
141 461.4 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140651.D
Acq: 26 Nov 2024 19:19

Tgt Ion:240 Resp: 122817
Ion Ratio Lower Upper
240 100
120 8.6 7.3 10.9
236 26.6 20.6 31.0

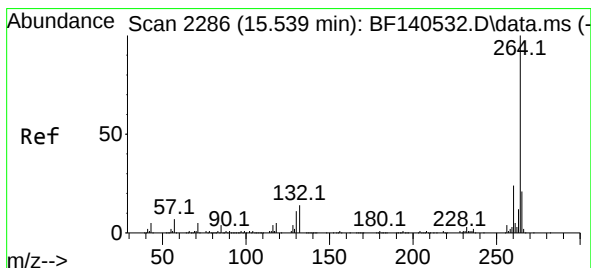
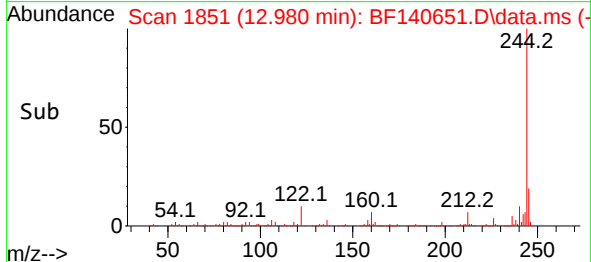
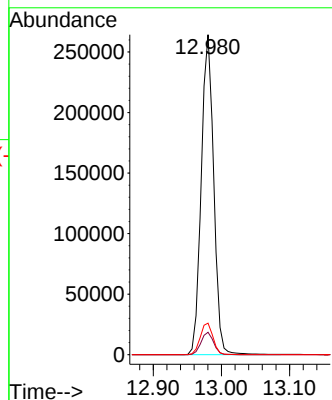
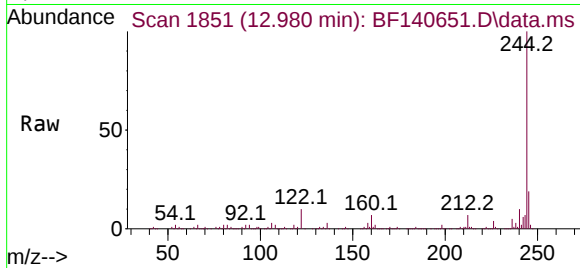




#79
 Terphenyl-d14
 Concen: 42.640 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140651.D
 Acq: 26 Nov 2024 19:19

Instrument :
 BNA_F
 ClientSampleId :
 MH-740-WC

Tgt Ion:244 Resp: 336315
 Ion Ratio Lower Upper
 244 100
 212 7.0 5.8 8.8
 122 9.8 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: BF140651.D
 Acq: 26 Nov 2024 19:19

Tgt Ion:264 Resp: 103680
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.0 28.6
 265 21.7 16.6 25.0

