

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF120624\
 Data File : BF140772.D
 Acq On : 06 Dec 2024 17:42
 Operator : RC/JU
 Sample : P5096-08
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-A

Quant Time: Dec 06 21:55:28 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)

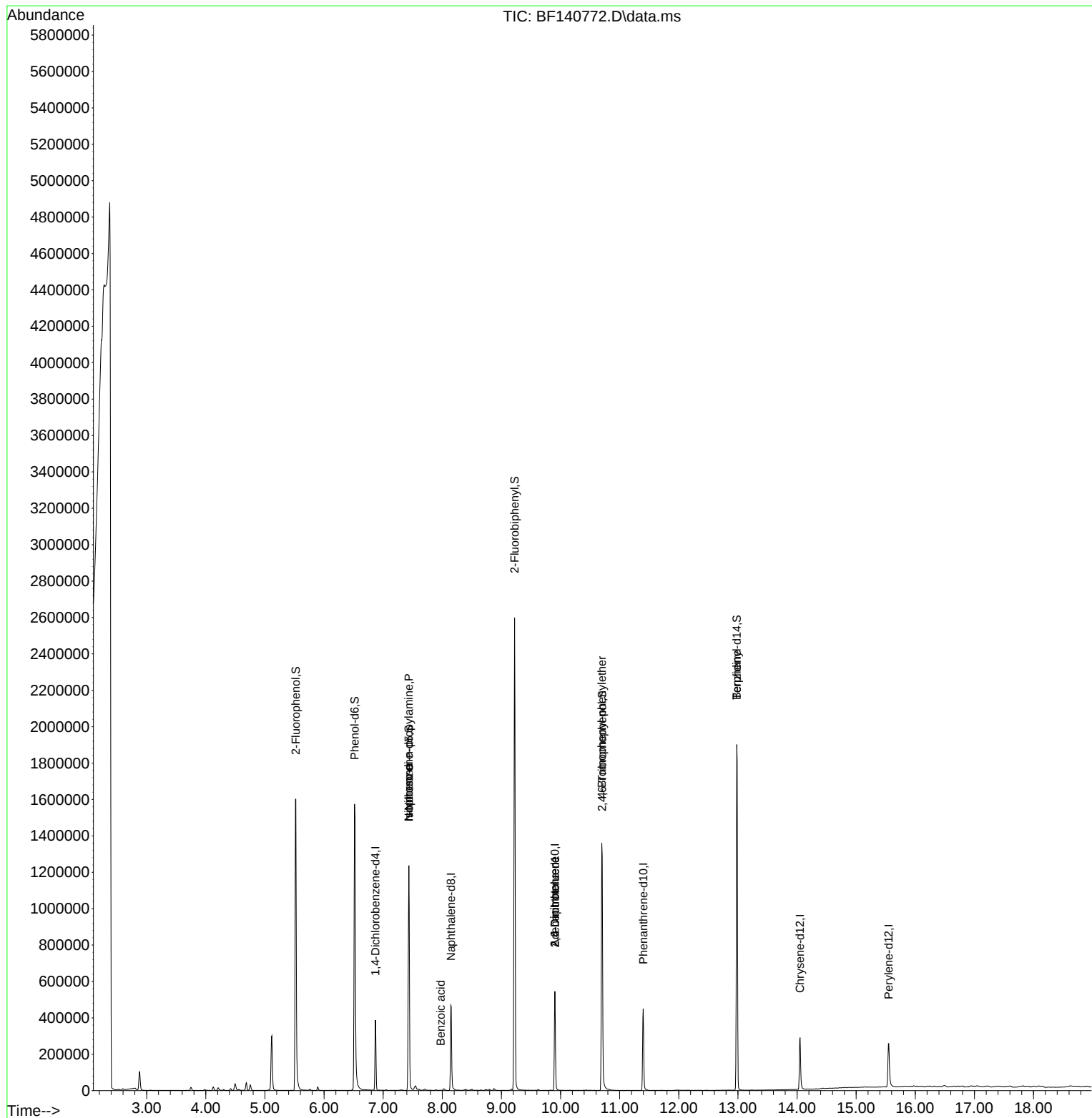
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	81264	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	328820	20.000	ng	-0.01
39) Acenaphthene-d10	9.904	164	168323	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	264663	20.000	ng	0.00
76) Chrysene-d12	14.051	240	162427	20.000	ng	0.00
86) Perylene-d12	15.551	264	179237	20.000	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	687370	144.319	ng	0.02
7) Phenol-d6	6.516	99	872310	138.537	ng	0.00
23) Nitrobenzene-d5	7.434	82	588220	91.502	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	266794	148.200	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1168118	103.398	ng	-0.01
79) Terphenyl-d14	12.980	244	968791	92.875	ng	-0.01
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	77568	20.845	ng	# 74
25) Isophorone	7.434	82	588216	54.859	ng	# 66
32) Benzoic acid	7.975	122	111	7.223	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	21190	8.428	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	21190	6.342	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	16097	5.906	ng	# 1
77) Benzidine	12.980	184	12899	2.731	ng	# 92

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

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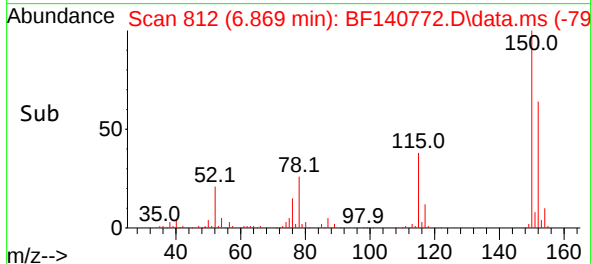
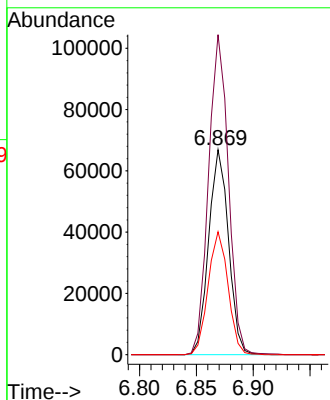
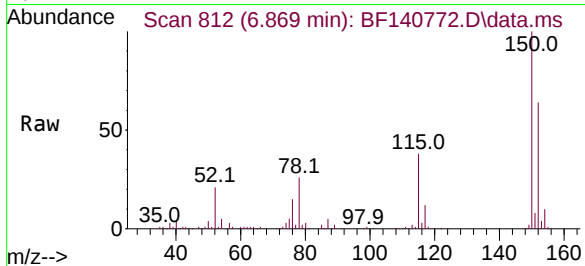




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

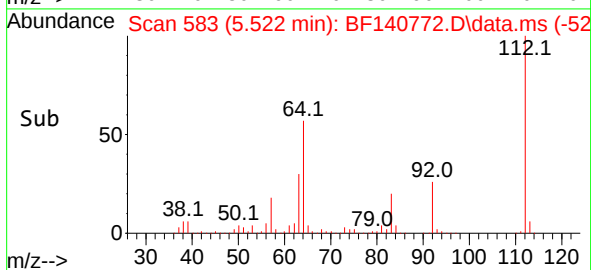
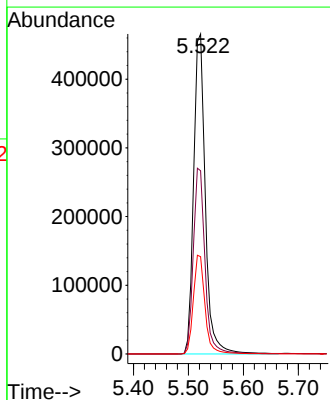
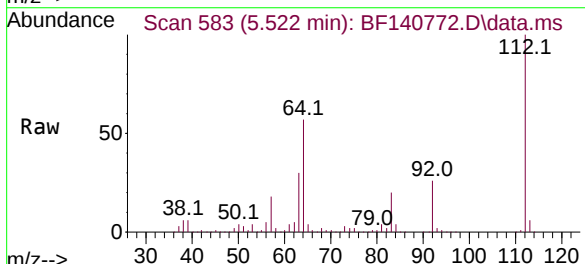
Instrument :
BNA_F
ClientSampleId :
MH-A

Tgt Ion:152 Resp: 81264
Ion Ratio Lower Upper
152 100
150 156.1 128.5 192.7
115 60.0 50.2 75.4



#5
2-Fluorophenol
Concen: 144.319 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.024 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

Tgt Ion:112 Resp: 687370
Ion Ratio Lower Upper
112 100
64 57.2 49.2 73.8
63 30.4 27.0 40.4

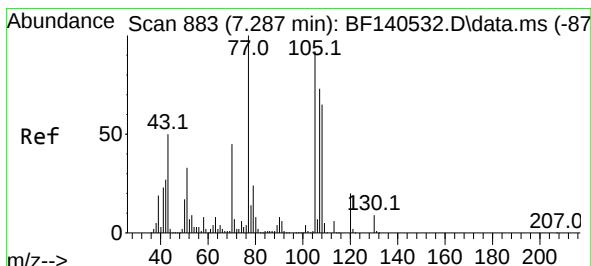
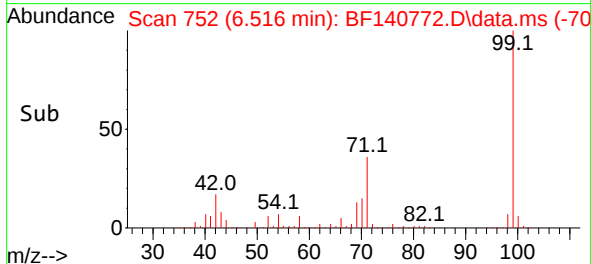
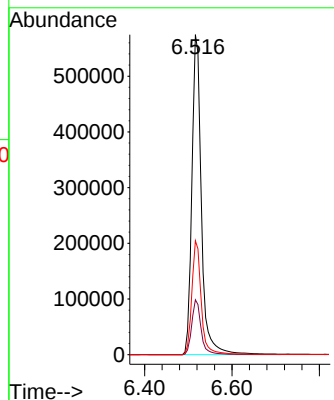
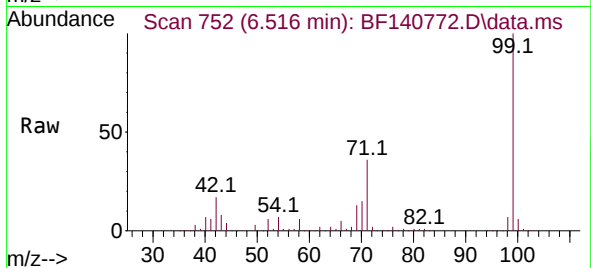




#7
Phenol-d6
Concen: 138.537 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

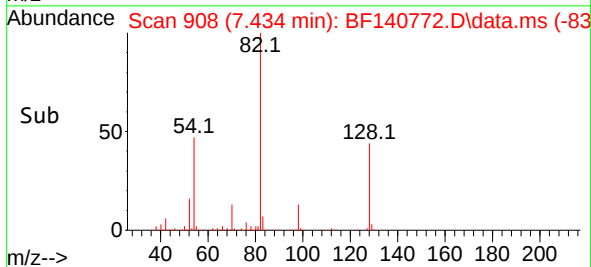
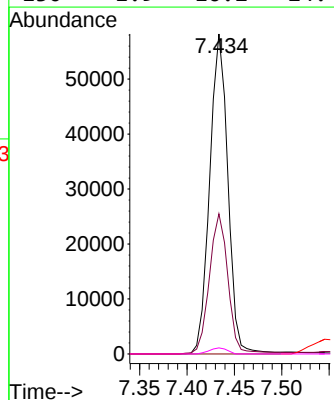
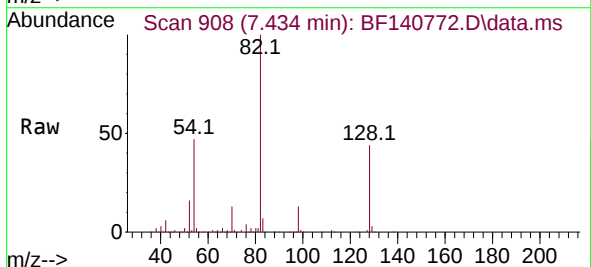
Instrument :
BNA_F
ClientSampleId :
MH-A

Tgt Ion: 99 Resp: 872310
Ion Ratio Lower Upper
99 100
42 17.2 15.4 23.0
71 35.6 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.845 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

Tgt Ion: 70 Resp: 77568
Ion Ratio Lower Upper
70 100
42 43.8 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#



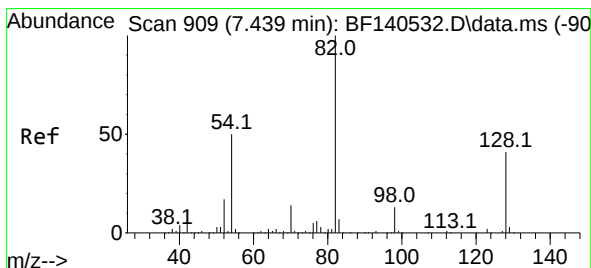
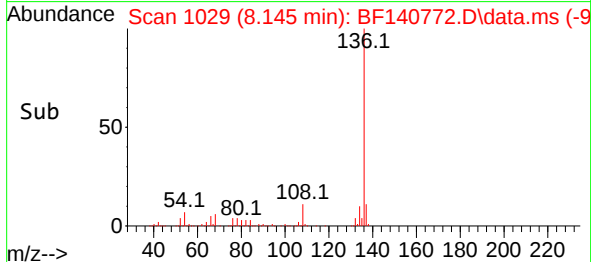
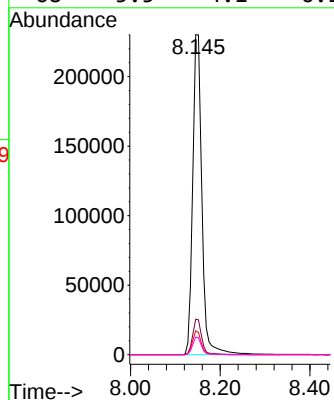
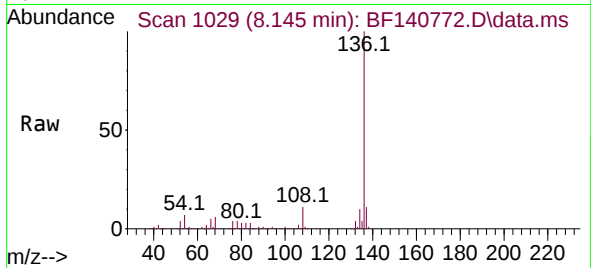


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1031
Delta R.T. -0.012 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

Instrument :
BNA_F
ClientSampleId :
MH-A

Tgt Ion:136 Resp: 328820

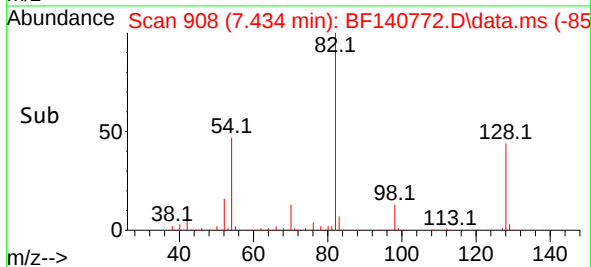
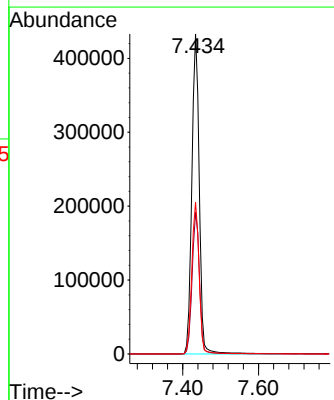
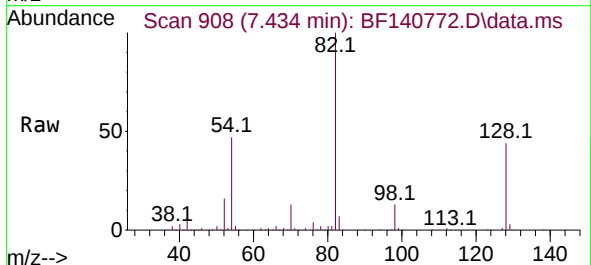
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.6	13.0
54	7.4	5.8	8.8
68	5.5	4.1	6.1



#23
Nitrobenzene-d5
Concen: 91.502 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

Tgt Ion: 82 Resp: 588220

Ion	Ratio	Lower	Upper
82	100		
128	44.3	33.0	49.4
54	47.4	39.5	59.3

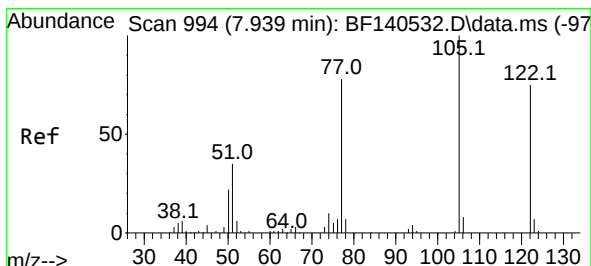
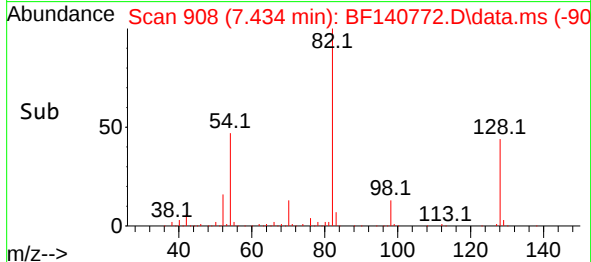
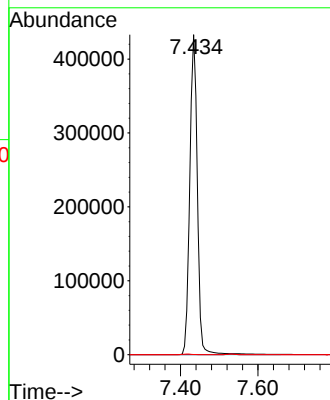
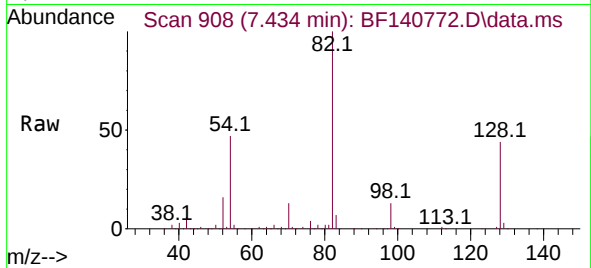




#25
Isophorone
Concen: 54.859 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

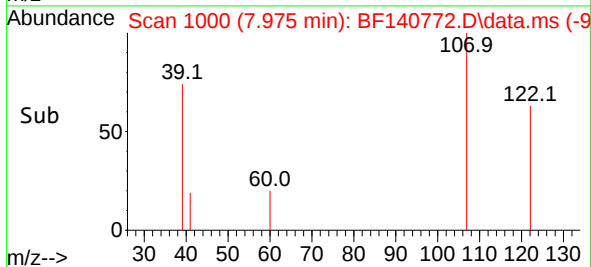
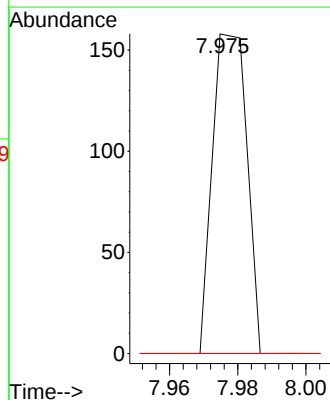
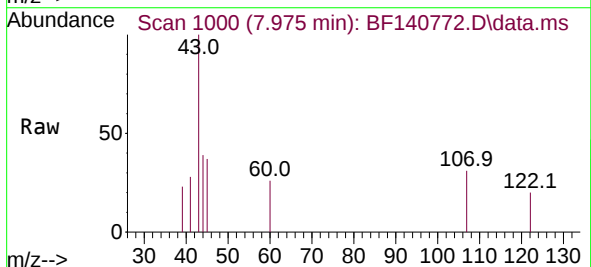
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ClientSampleId :
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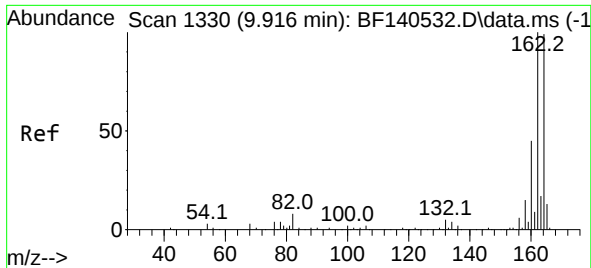
Tgt Ion: 82 Resp: 588216
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.1 13.8 20.6#



#32
Benzoic acid
Concen: 7.223 ng
RT: 7.975 min Scan# 1000
Delta R.T. 0.036 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

Tgt Ion: 122 Resp: 111
Ion Ratio Lower Upper
122 100
105 0.0 109.3 149.3#
77 0.0 82.3 122.3#

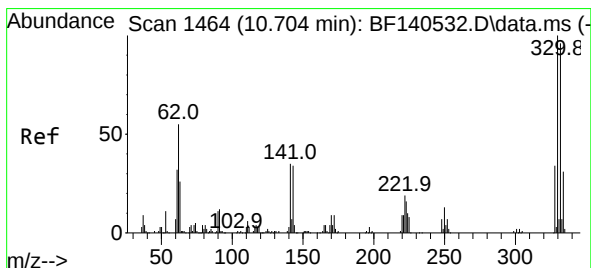
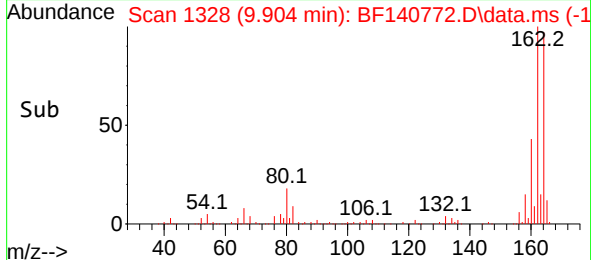
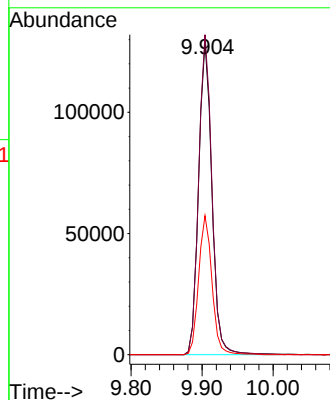
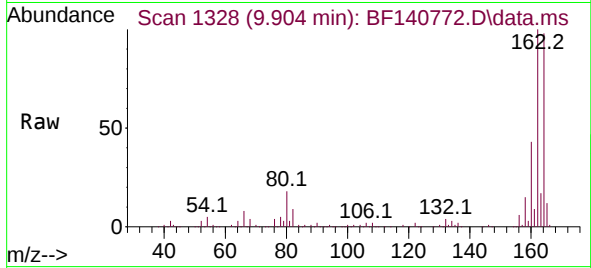




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

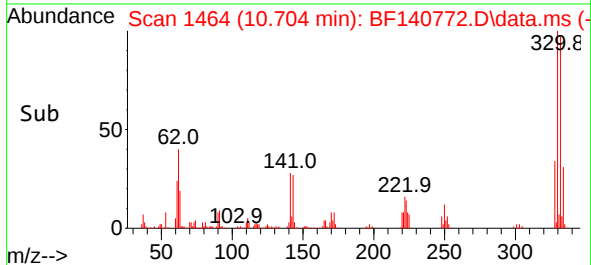
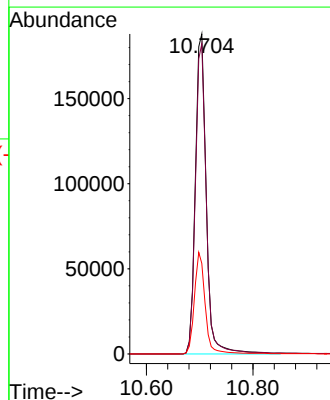
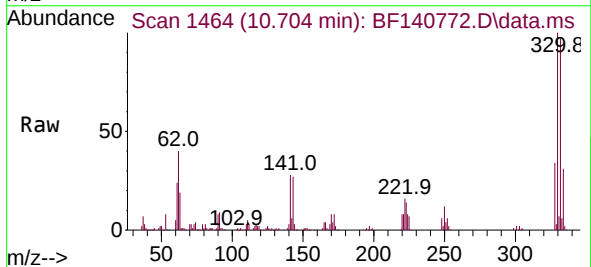
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ClientSampleId :
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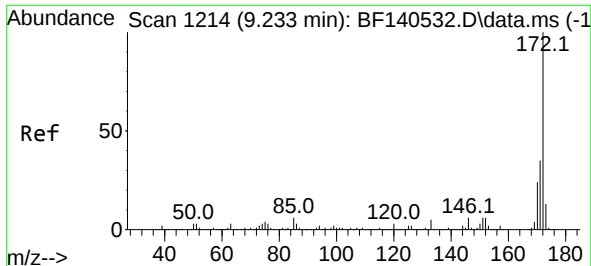
Tgt Ion:164 Resp: 168323
Ion Ratio Lower Upper
164 100
162 102.4 80.6 120.8
160 44.5 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 148.200 ng
RT: 10.704 min Scan# 1464
Delta R.T. 0.000 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

Tgt Ion:330 Resp: 266794
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 31.4 26.7 40.1

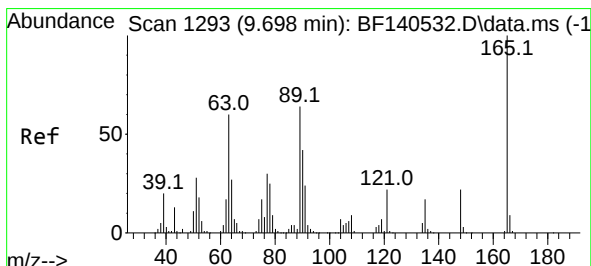
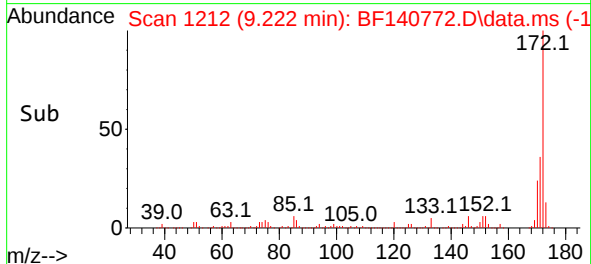
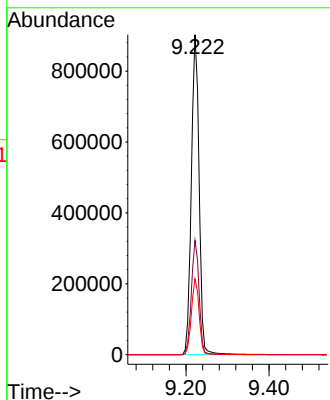
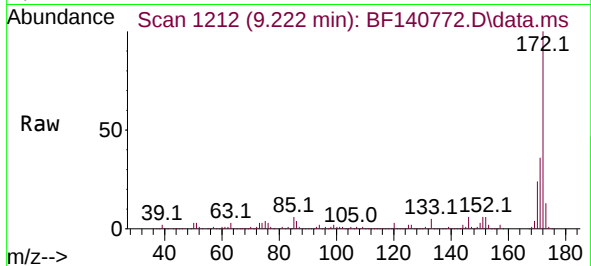




#45
2-Fluorobiphenyl
Concen: 103.398 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

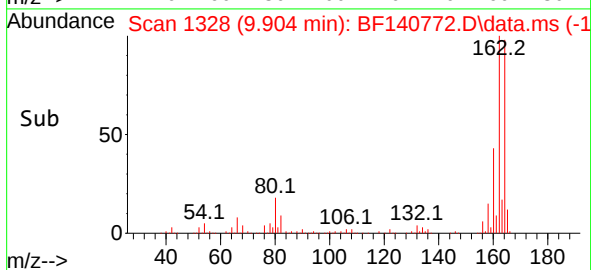
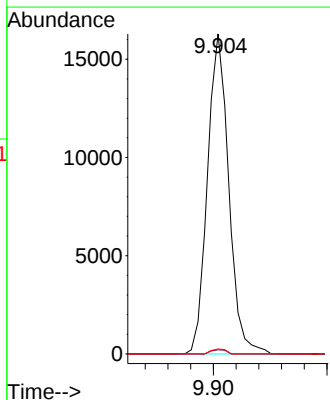
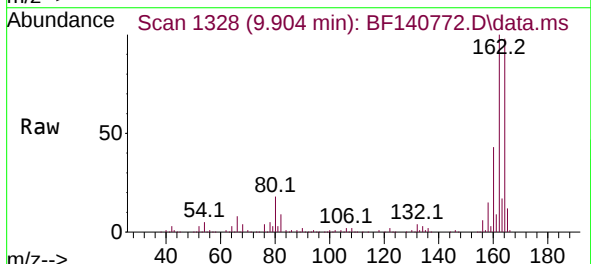
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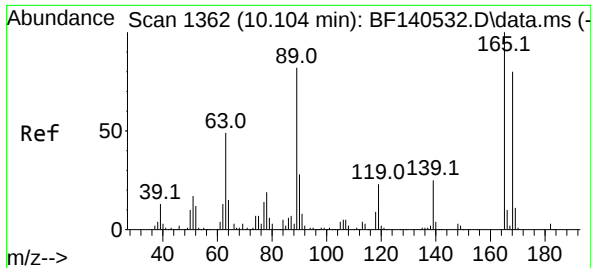
Tgt Ion:172 Resp: 1168118
Ion Ratio Lower Upper
172 100
171 35.7 28.4 42.6
170 23.7 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.428 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

Tgt Ion:165 Resp: 21190
Ion Ratio Lower Upper
165 100
63 1.3 49.9 74.9#
89 1.6 50.9 76.3#

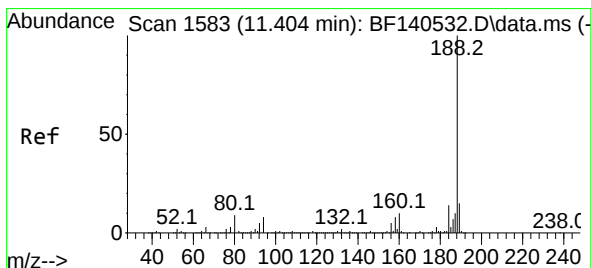
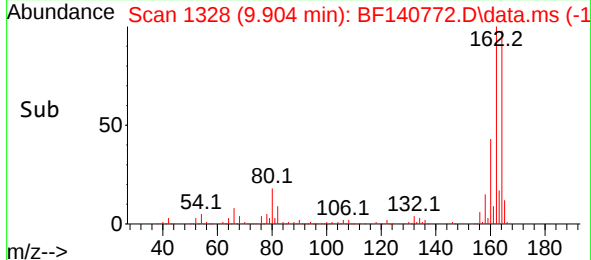
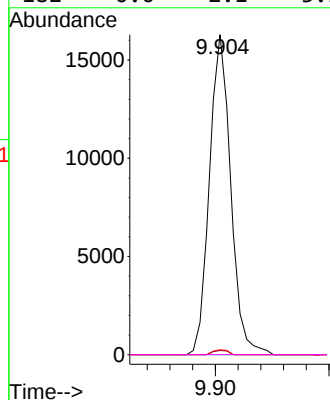
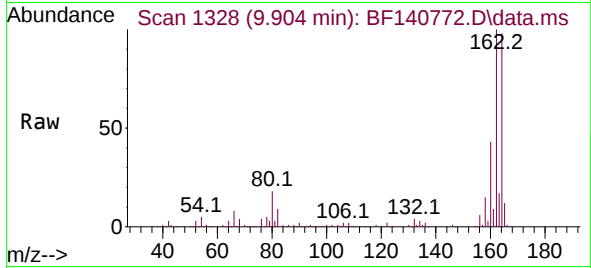




#57
2,4-Dinitrotoluene
Concen: 6.342 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

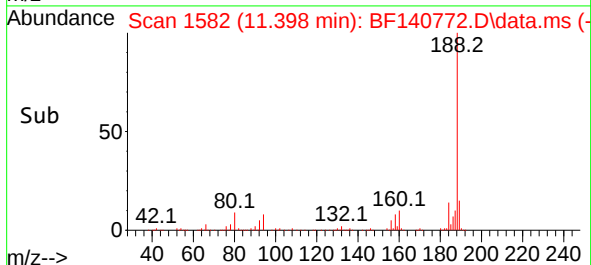
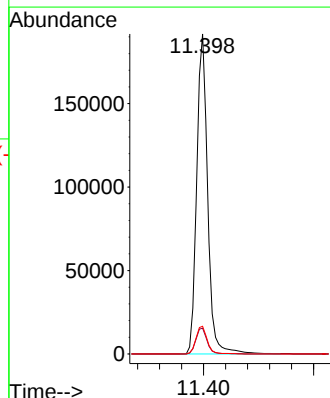
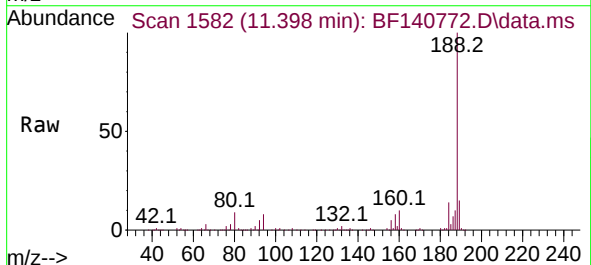
Instrument :
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ClientSampleId :
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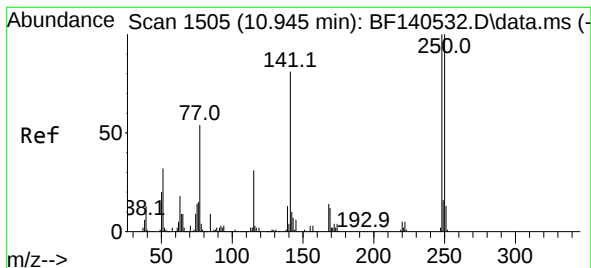
Tgt Ion:165 Resp: 21190
Ion Ratio Lower Upper
165 100
63 1.3 41.7 62.5#
89 1.6 65.8 98.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

Tgt Ion:188 Resp: 264663
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.7 6.9 10.3

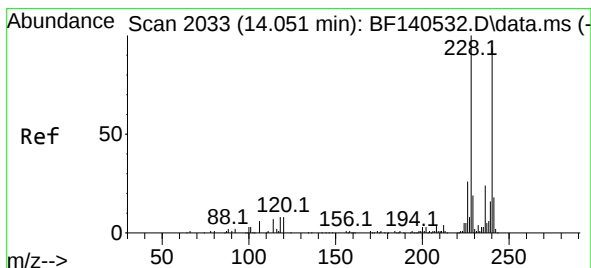
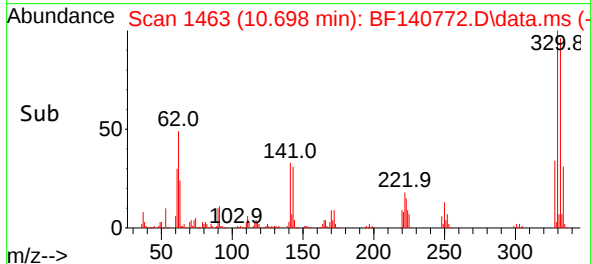
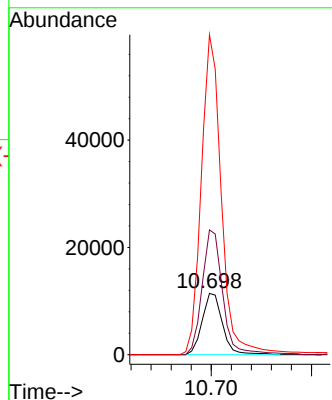
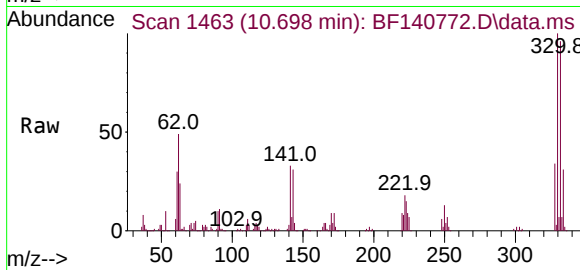




#67
4-Bromophenyl-phenylether
Concen: 5.906 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

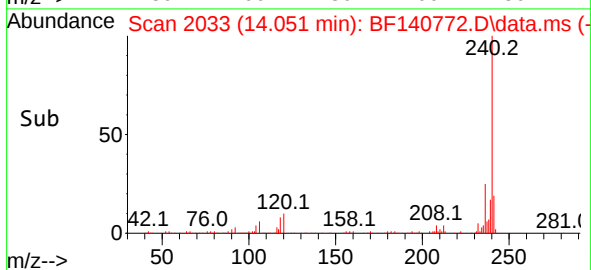
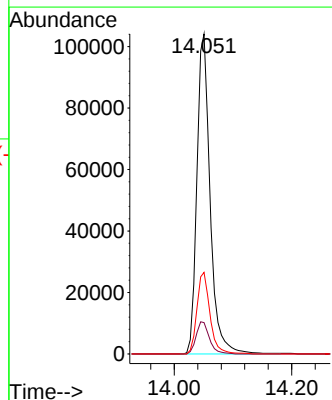
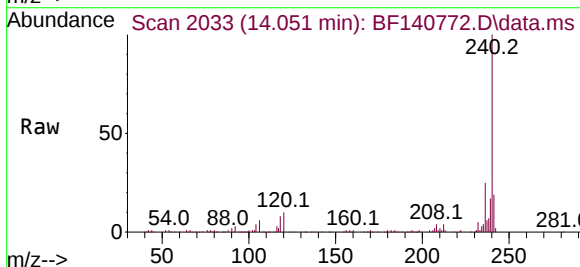
Instrument :
BNA_F
ClientSampleId :
MH-A

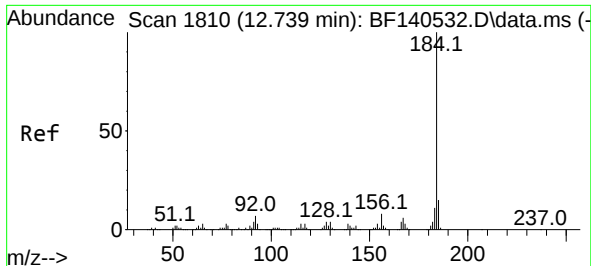
Tgt Ion:248 Resp: 16097
Ion Ratio Lower Upper
248 100
250 203.5 79.8 119.8#
141 521.9 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. 0.000 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

Tgt Ion:240 Resp: 162427
Ion Ratio Lower Upper
240 100
120 9.8 7.3 10.9
236 25.5 20.6 31.0

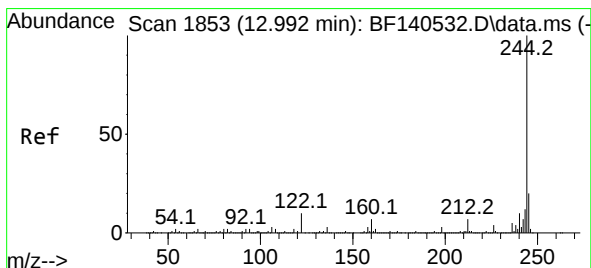
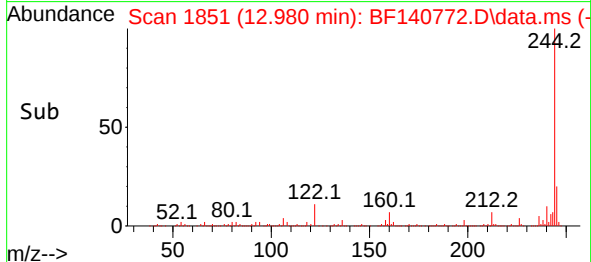
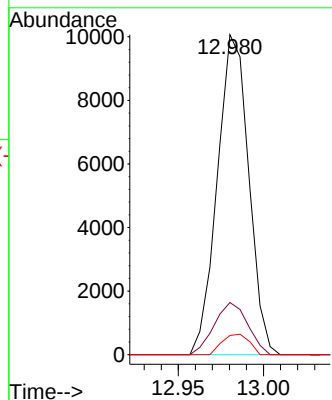
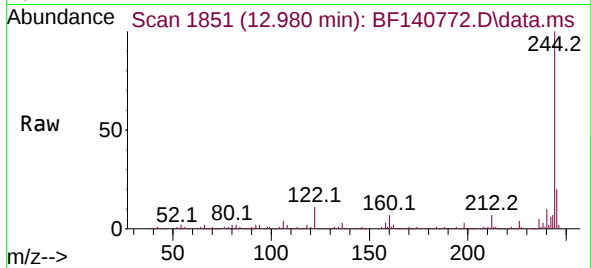




#77
Benzidine
Concen: 2.731 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

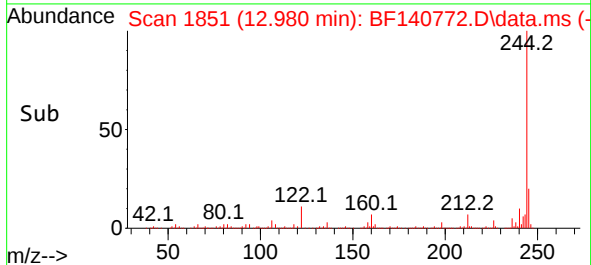
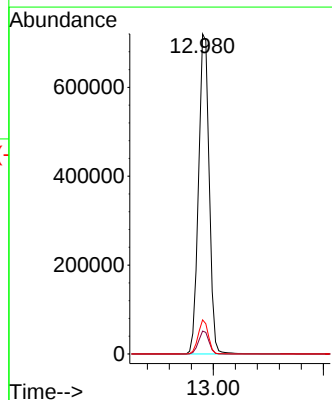
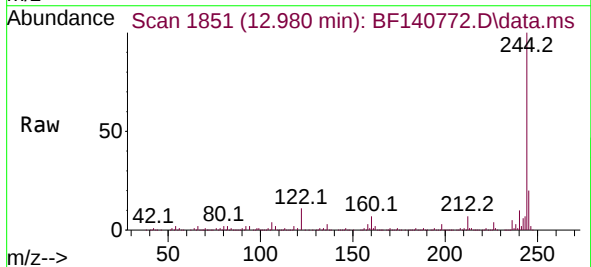
Instrument :
BNA_F
ClientSampleId :
MH-A

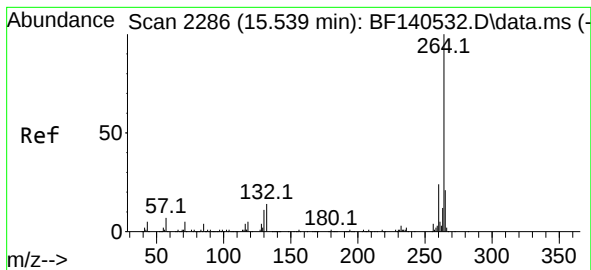
Tgt Ion:184 Resp: 12899
Ion Ratio Lower Upper
184 100
185 16.3 11.7 17.5
183 6.0 8.8 13.2#



#79
Terphenyl-d14
Concen: 92.875 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140772.D
Acq: 06 Dec 2024 17:42

Tgt Ion:244 Resp: 968791
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.6 8.0 12.0





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.551 min Scan# 21

Delta R.T. 0.012 min

Lab File: BF140772.D

Acq: 06 Dec 2024 17:42

Instrument :

BNA_F

ClientSampleId :

MH-A

Tgt Ion:264 Resp: 179237

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.6

265 20.7 16.6 25.0

