

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112624\
 Data File : BF140650.D
 Acq On : 26 Nov 2024 18:52
 Operator : RC/JU
 Sample : P4938-08
 Misc :
 ALS Vial : 23 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-734

Quant Time: Nov 27 00:08:12 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)

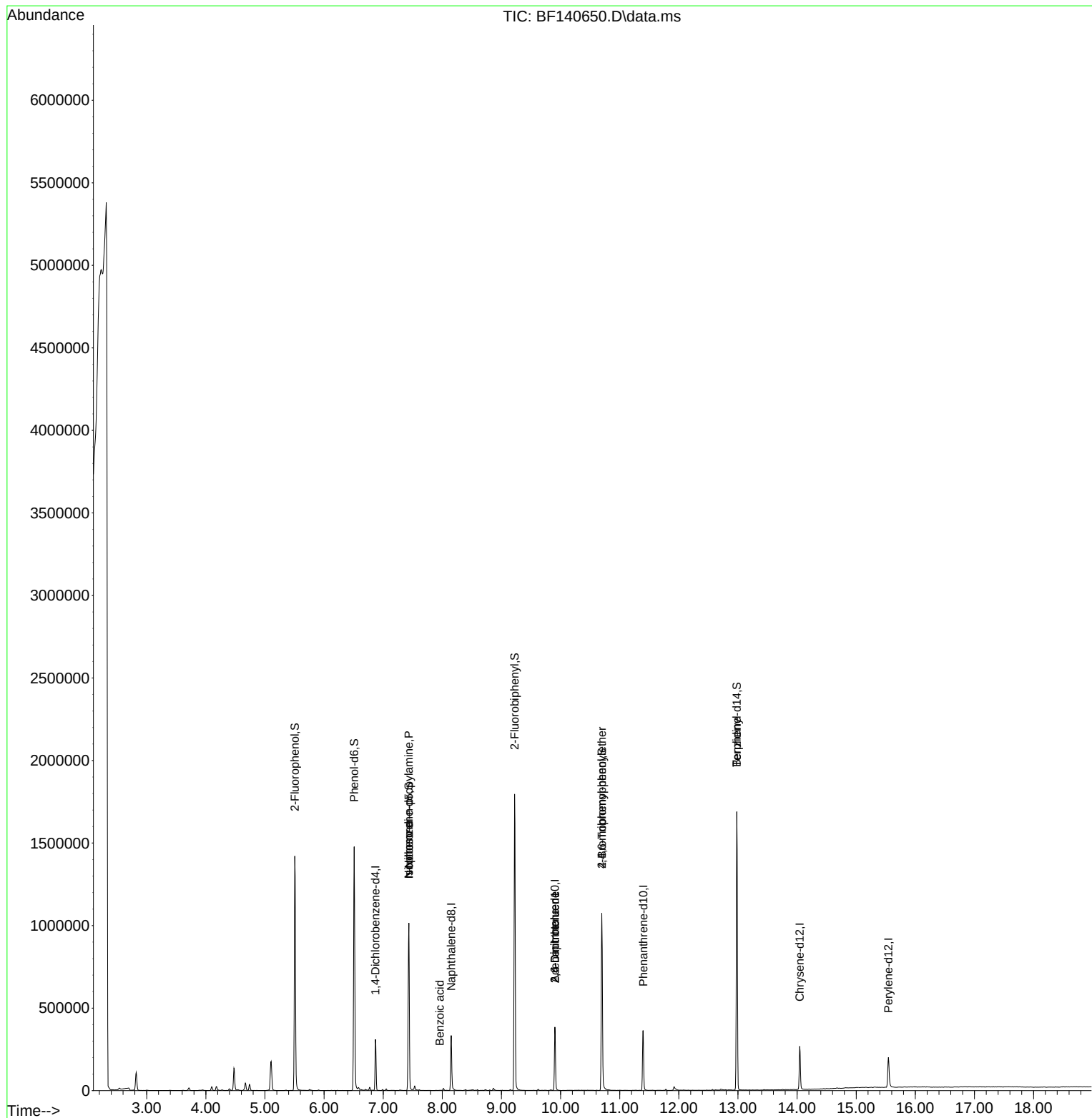
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	65458	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	221877	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	119557	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	214269	20.000	ng	0.00
76) Chrysene-d12	14.045	240	134785	20.000	ng	0.00
86) Perylene-d12	15.545	264	125191	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	554762	144.603	ng	0.00
7) Phenol-d6	6.510	99	710974	140.179	ng	0.00
23) Nitrobenzene-d5	7.434	82	468143	107.923	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	192705	150.707	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	809177	100.841	ng	-0.01
79) Terphenyl-d14	12.980	244	818901	94.605	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	61634	20.562	ng	# 74
25) Isophorone	7.434	82	461996	63.856	ng	# 66
32) Benzoic acid	7.957	122	919	7.570	ng	# 17
51) 2,6-Dinitrotoluene	9.904	165	15019	8.410	ng	# 19
57) 2,4-Dinitrotoluene	9.904	165	15019	6.328	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	12494	5.662	ng	# 1
77) Benzidine	12.980	184	11521	2.940	ng	# 91

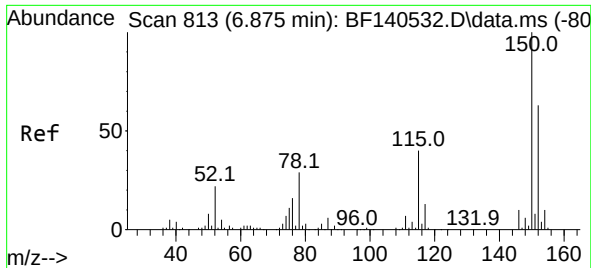
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Nov 27 00:08:12 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
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QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration

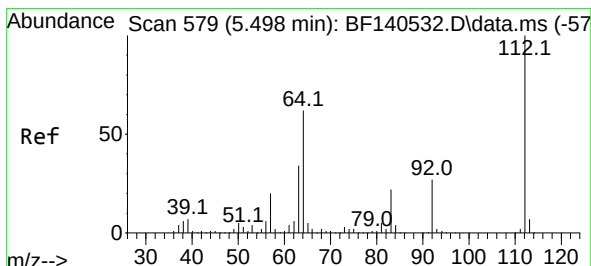
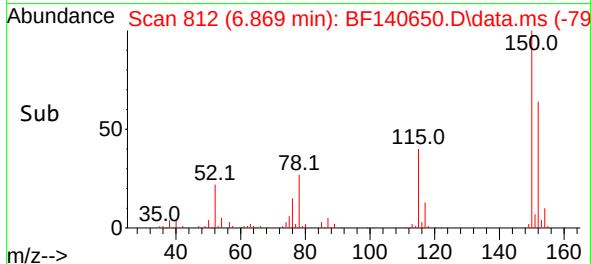
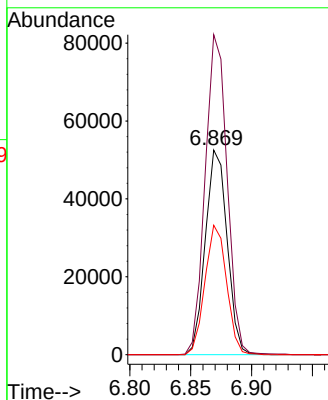
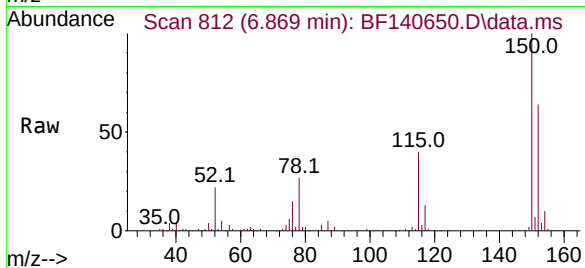




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140650.D
Acq: 26 Nov 2024 18:52

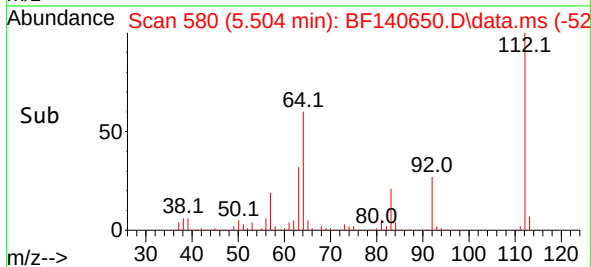
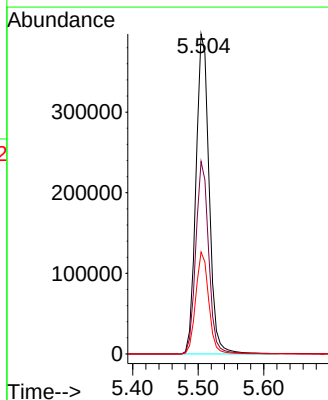
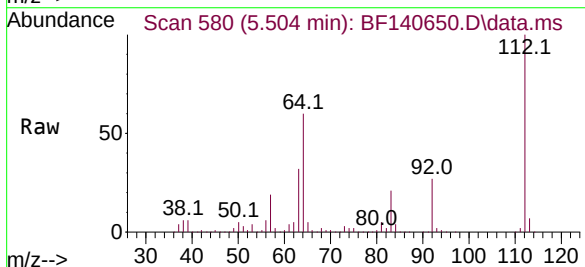
Instrument :
BNA_F
ClientSampleId :
MH-734

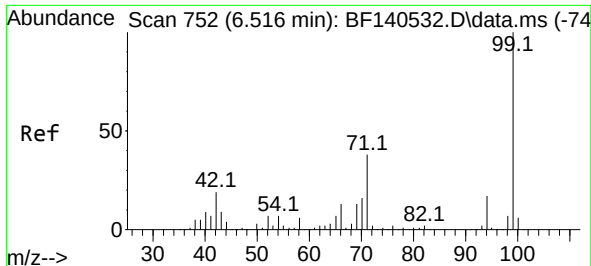
Tgt Ion:152 Resp: 65458
Ion Ratio Lower Upper
152 100
150 156.4 128.5 192.7
115 63.3 50.2 75.4



#5
2-Fluorophenol
Concen: 144.603 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140650.D
Acq: 26 Nov 2024 18:52

Tgt Ion:112 Resp: 554762
Ion Ratio Lower Upper
112 100
64 60.2 49.2 73.8
63 31.8 27.0 40.4

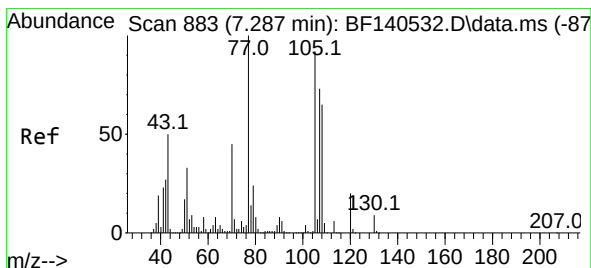
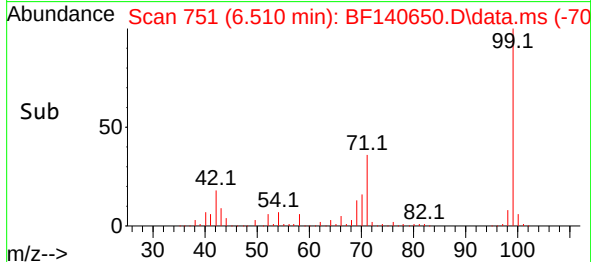
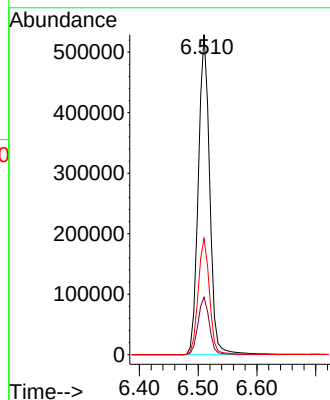
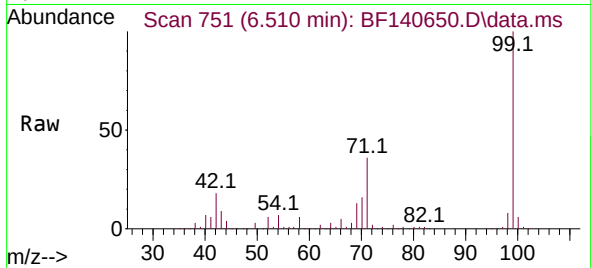




#7
Phenol-d6
Concen: 140.179 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF140650.D
Acq: 26 Nov 2024 18:52

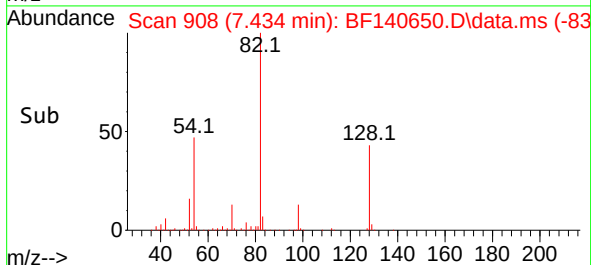
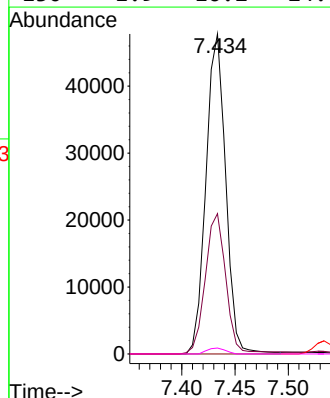
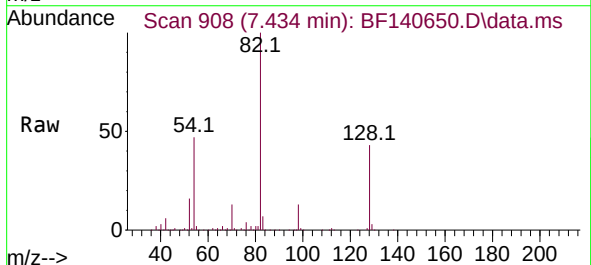
Instrument :
BNA_F
ClientSampleId :
MH-734

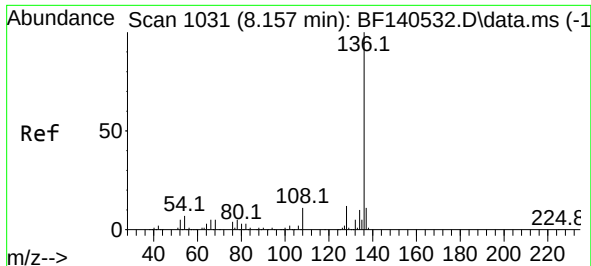
Tgt Ion: 99 Resp: 710974
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.3 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.562 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140650.D
Acq: 26 Nov 2024 18:52

Tgt Ion: 70 Resp: 61634
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#



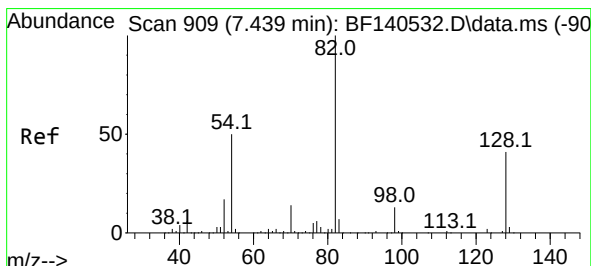
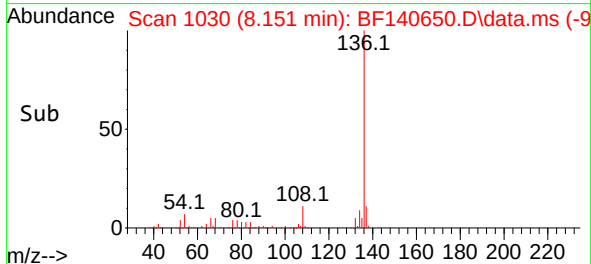
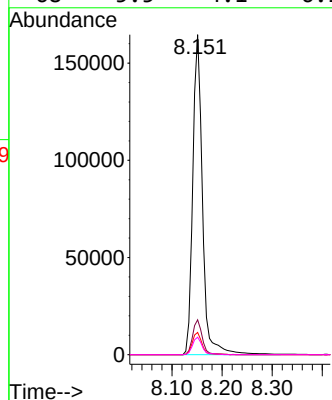
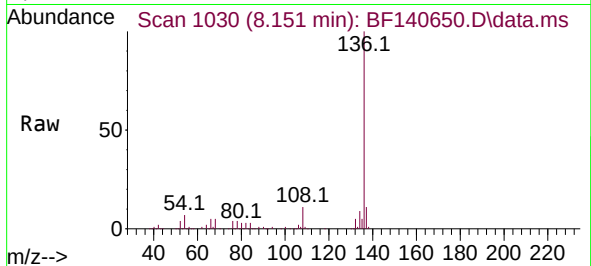


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140650.D
Acq: 26 Nov 2024 18:52

Instrument :
BNA_F
ClientSampleId :
MH-734

Tgt Ion:136 Resp: 221877

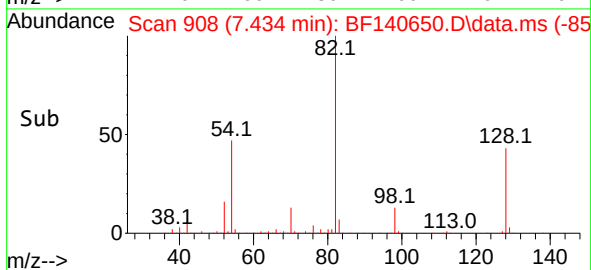
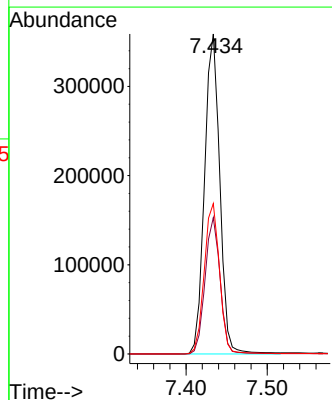
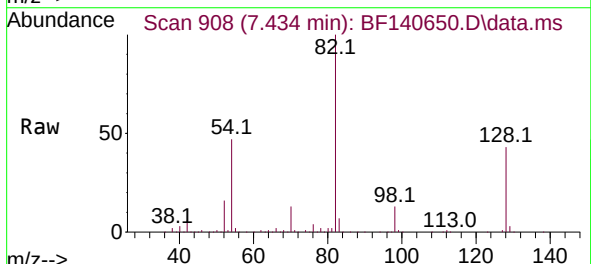
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	7.0	5.8	8.8
68	5.5	4.1	6.1

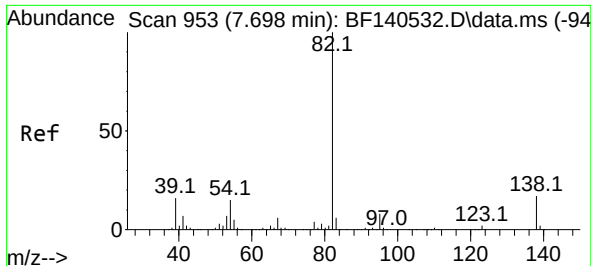


#23
Nitrobenzene-d5
Concen: 107.923 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140650.D
Acq: 26 Nov 2024 18:52

Tgt Ion: 82 Resp: 468143

Ion	Ratio	Lower	Upper
82	100		
128	42.6	33.0	49.4
54	47.0	39.5	59.3

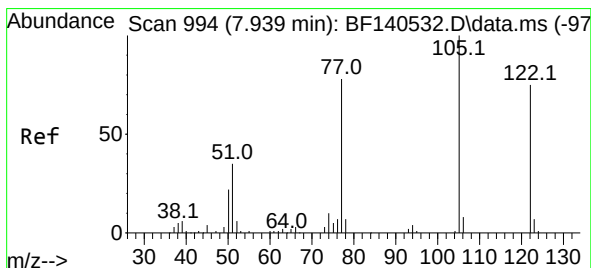
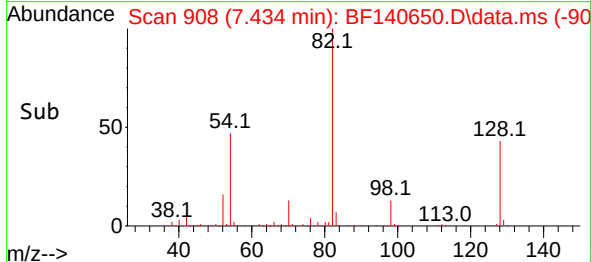
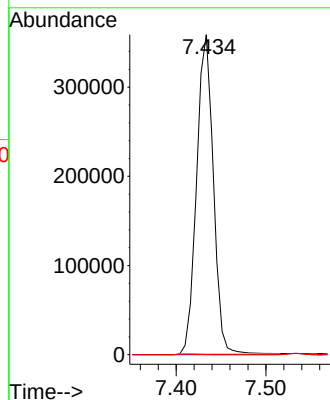
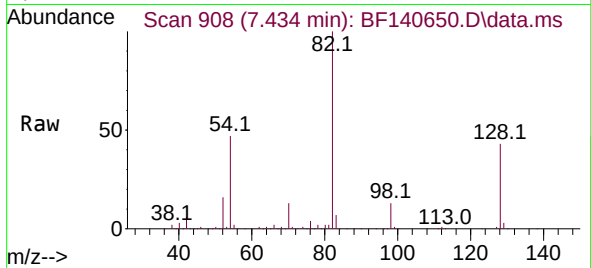




#25
Isophorone
Concen: 63.856 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140650.D
Acq: 26 Nov 2024 18:52

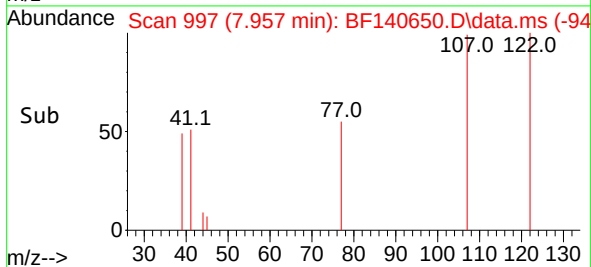
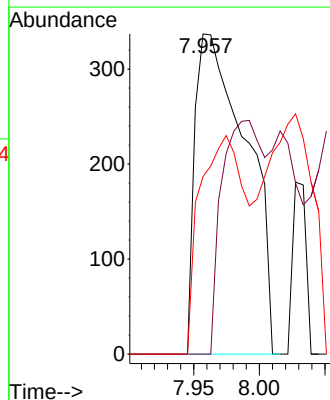
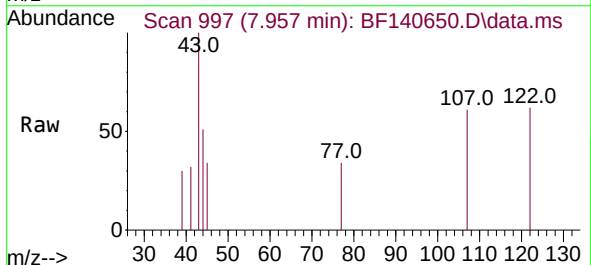
Instrument :
BNA_F
ClientSampleId :
MH-734

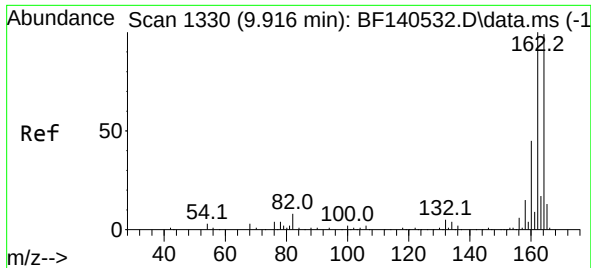
Tgt Ion: 82 Resp: 461996
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.570 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.018 min
Lab File: BF140650.D
Acq: 26 Nov 2024 18:52

Tgt Ion: 122 Resp: 919
Ion Ratio Lower Upper
122 100
105 0.0 109.3 149.3#
77 55.5 82.3 122.3#

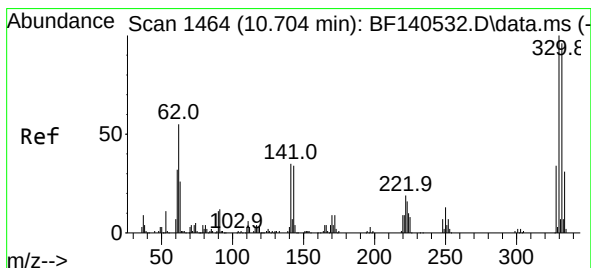
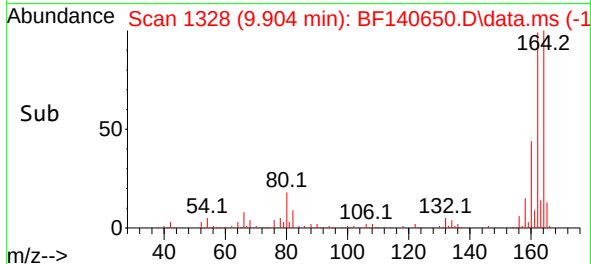
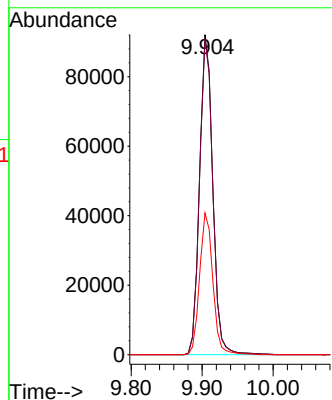
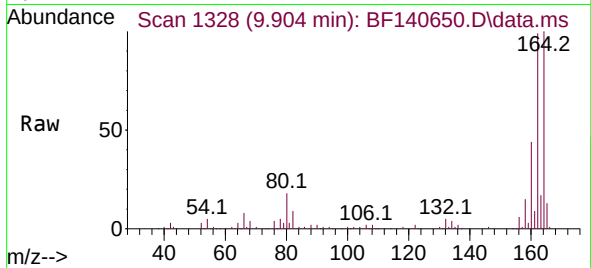




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140650.D
Acq: 26 Nov 2024 18:52

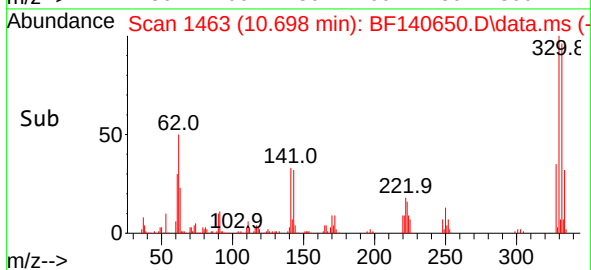
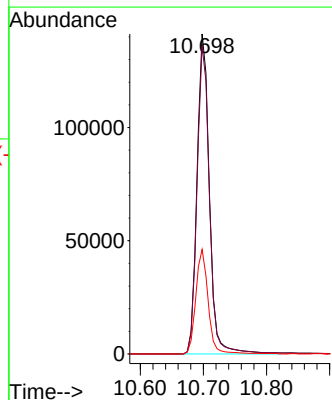
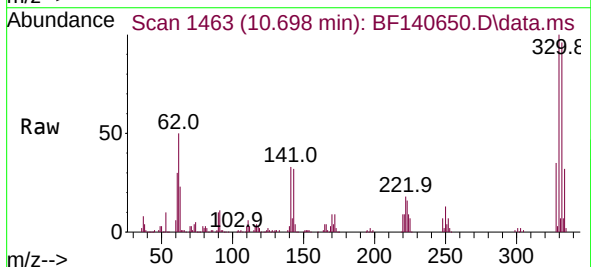
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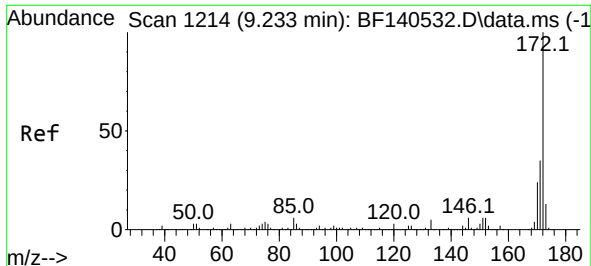
Tgt Ion:164 Resp: 119557
Ion Ratio Lower Upper
164 100
162 98.7 80.6 120.8
160 44.2 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 150.707 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140650.D
Acq: 26 Nov 2024 18:52

Tgt Ion:330 Resp: 192705
Ion Ratio Lower Upper
330 100
332 97.4 76.9 115.3
141 32.7 26.7 40.1

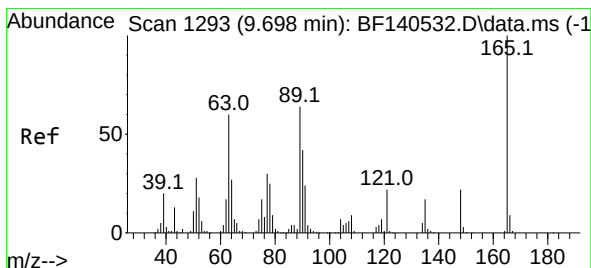
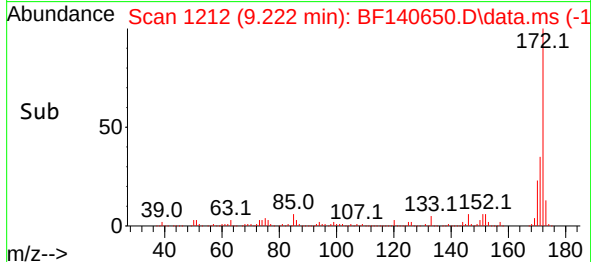
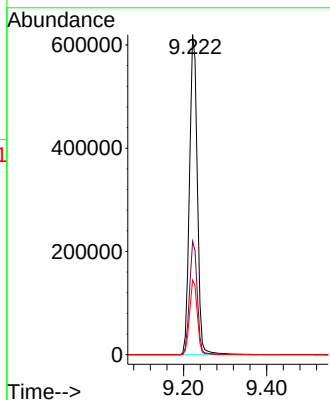
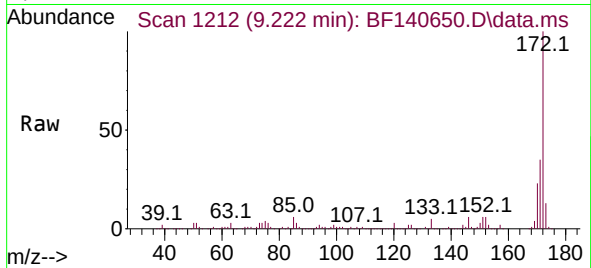




#45
2-Fluorobiphenyl
Concen: 100.841 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140650.D
Acq: 26 Nov 2024 18:52

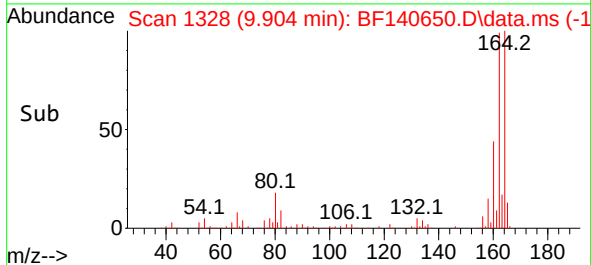
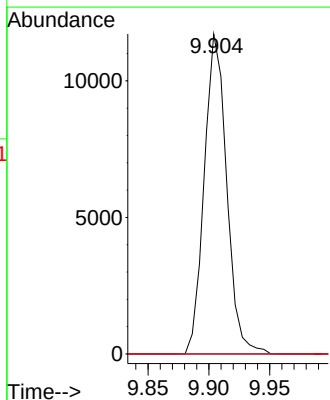
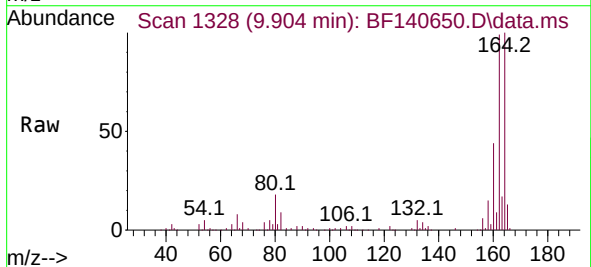
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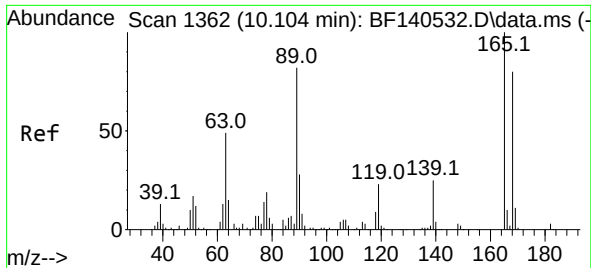
Tgt Ion:172 Resp: 809177
Ion Ratio Lower Upper
172 100
171 35.5 28.4 42.6
170 23.3 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.410 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140650.D
Acq: 26 Nov 2024 18:52

Tgt Ion:165 Resp: 15019
Ion Ratio Lower Upper
165 100
63 0.0 49.9 74.9#
89 0.0 50.9 76.3#

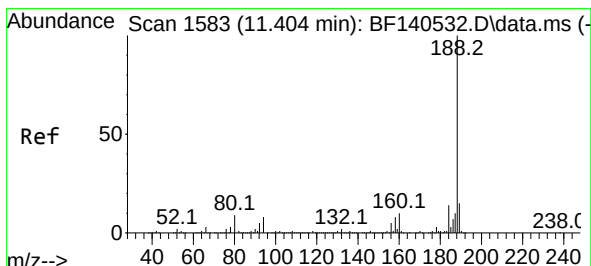
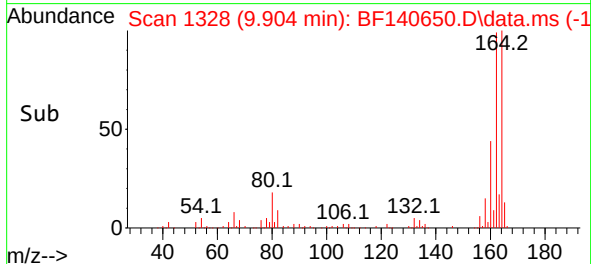
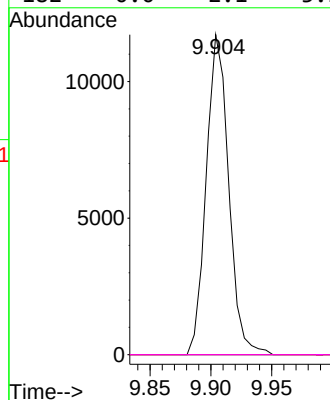
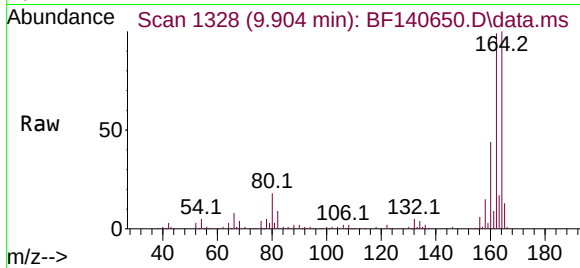




#57
2,4-Dinitrotoluene
Concen: 6.328 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140650.D
Acq: 26 Nov 2024 18:52

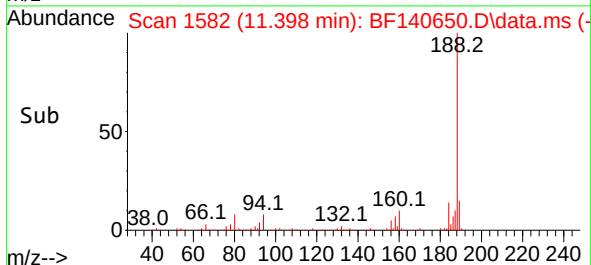
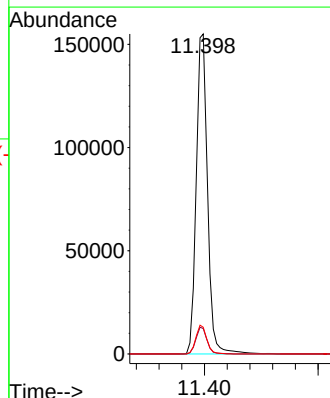
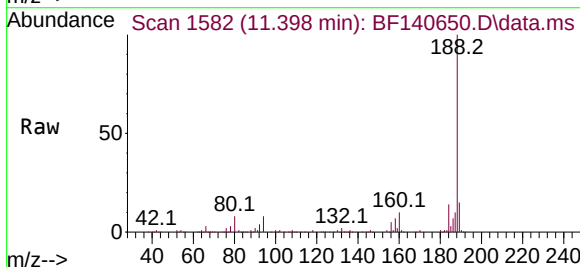
Instrument :
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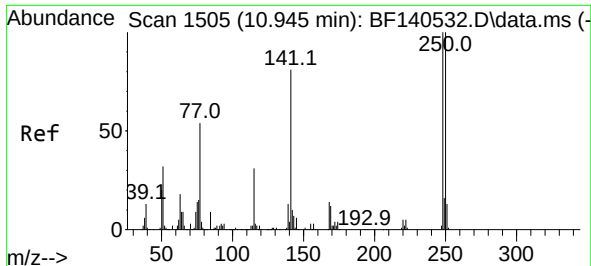
Tgt Ion:165 Resp: 15019
Ion Ratio Lower Upper
165 100
63 0.0 41.7 62.5#
89 0.0 65.8 98.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140650.D
Acq: 26 Nov 2024 18:52

Tgt Ion:188 Resp: 214269
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.3 6.9 10.3

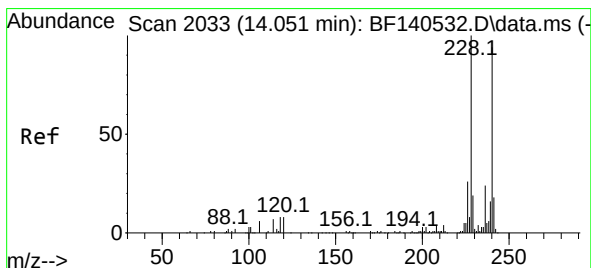
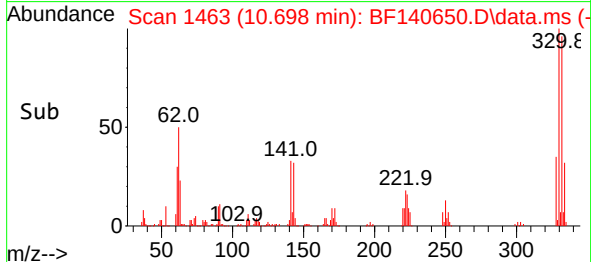
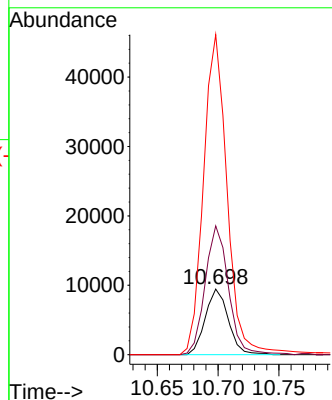
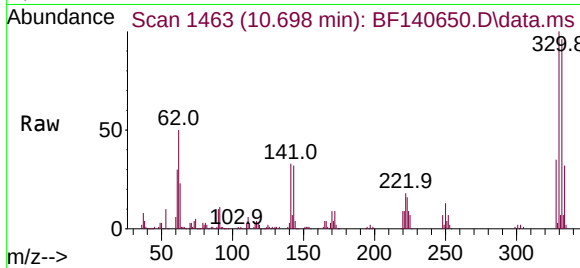




#67
4-Bromophenyl-phenylether
Concen: 5.662 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140650.D
Acq: 26 Nov 2024 18:52

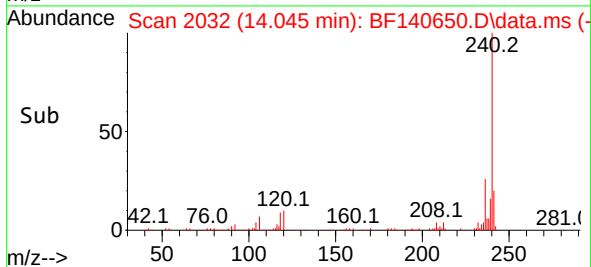
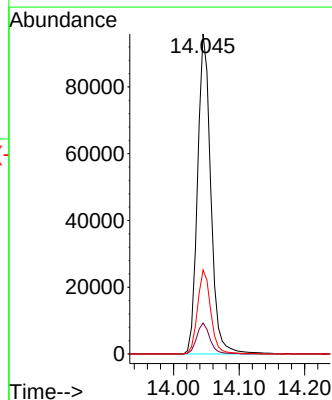
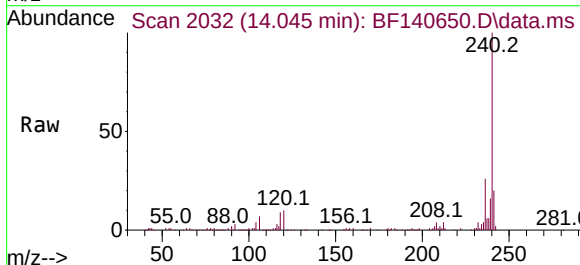
Instrument :
BNA_F
ClientSampleId :
MH-734

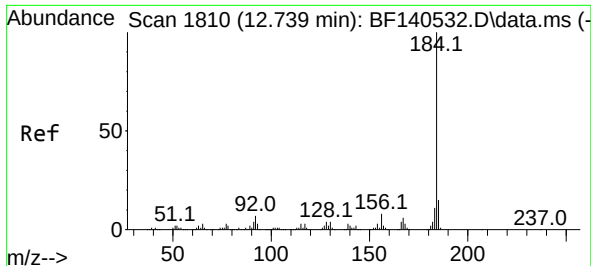
Tgt Ion:248 Resp: 12494
Ion Ratio Lower Upper
248 100
250 196.3 79.8 119.8#
141 488.0 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140650.D
Acq: 26 Nov 2024 18:52

Tgt Ion:240 Resp: 134785
Ion Ratio Lower Upper
240 100
120 9.7 7.3 10.9
236 26.2 20.6 31.0

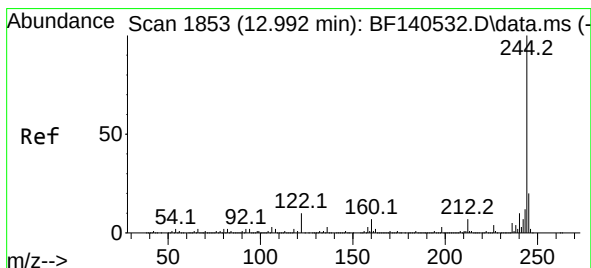
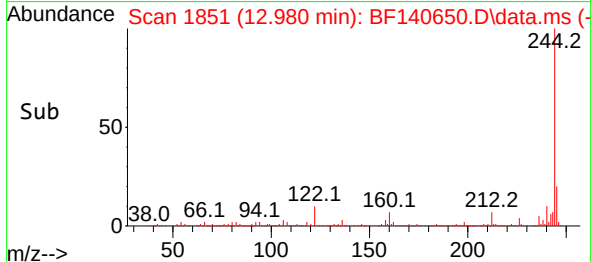
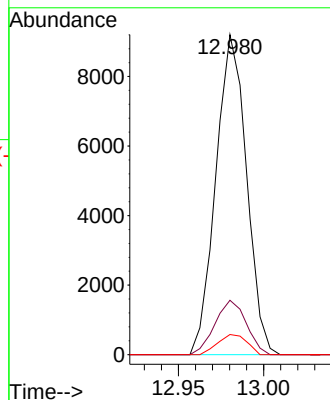
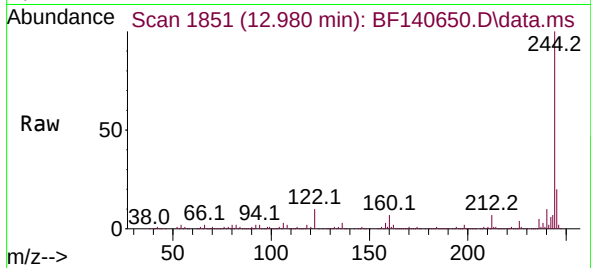




#77
Benzidine
Concen: 2.940 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF140650.D
Acq: 26 Nov 2024 18:52

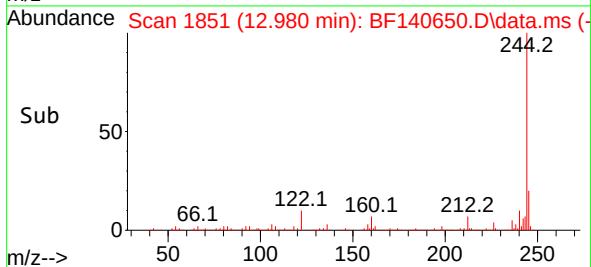
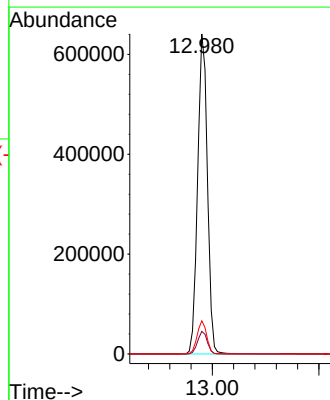
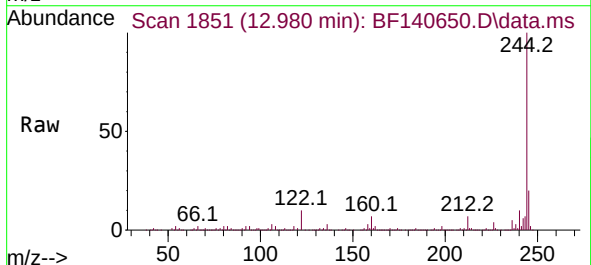
Instrument :
BNA_F
ClientSampleId :
MH-734

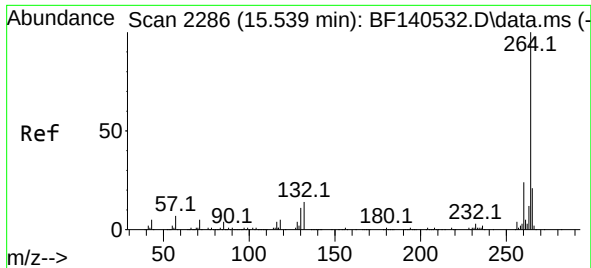
Tgt Ion:184 Resp: 11521
Ion Ratio Lower Upper
184 100
185 17.0 11.7 17.5
183 6.3 8.8 13.2#



#79
Terphenyl-d14
Concen: 94.605 ng
RT: 12.980 min Scan# 1851
Delta R.T. -0.012 min
Lab File: BF140650.D
Acq: 26 Nov 2024 18:52

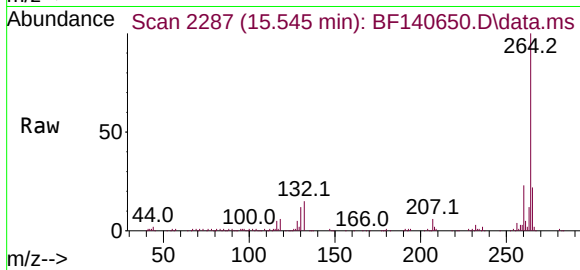
Tgt Ion:244 Resp: 818901
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 10.3 8.0 12.0





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.545 min Scan# 21
Delta R.T. 0.006 min
Lab File: BF140650.D
Acq: 26 Nov 2024 18:52

Instrument :
BNA_F
ClientSampleId :
MH-734



Tgt Ion:264 Resp: 125191
Ion Ratio Lower Upper
264 100
260 22.8 19.0 28.6
265 21.6 16.6 25.0

