

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140671.D
 Acq On : 27 Nov 2024 15:48
 Operator : RC/JU
 Sample : P4938-08RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-734

Quant Time: Nov 27 16:11:35 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)

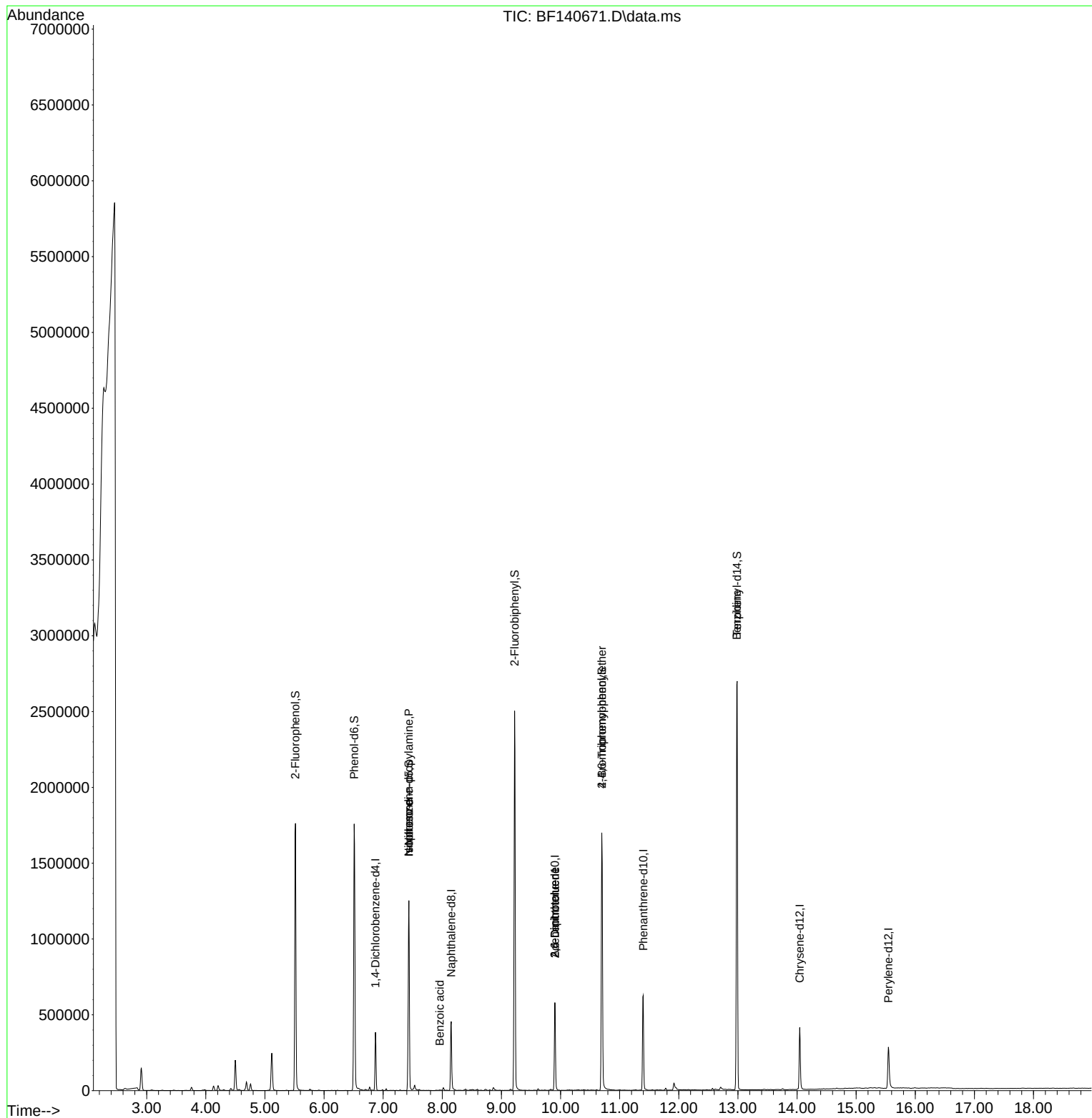
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	80168	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	309167	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	178404	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	357275	20.000	ng	0.00
76) Chrysene-d12	14.045	240	211705	20.000	ng	0.00
86) Perylene-d12	15.545	264	193363	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	695322	147.985	ng	0.02
7) Phenol-d6	6.510	99	882224	142.027	ng	0.00
23) Nitrobenzene-d5	7.434	82	585962	96.945	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	311189	163.093	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	1146204	95.725	ng	-0.01
79) Terphenyl-d14	12.986	244	1420878	104.508	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	78313	21.332	ng	# 76
25) Isophorone	7.434	82	577027	57.237	ng	# 66
32) Benzoic acid	7.957	122	1907	7.754	ng	# 39
51) 2,6-Dinitrotoluene	9.904	165	23232	8.718	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	23232	6.560	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	20230	5.498	ng	# 1
77) Benzidine	12.980	184	19385	3.149	ng	# 91

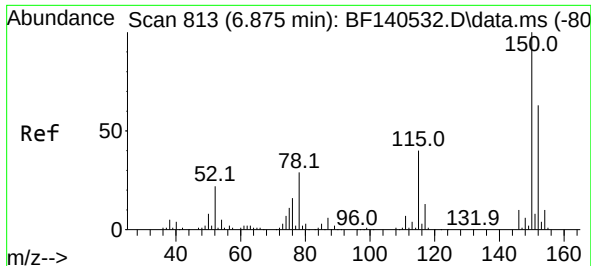
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
Data File : BF140671.D
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Misc :
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Instrument :
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ClientSampleId :
MH-734

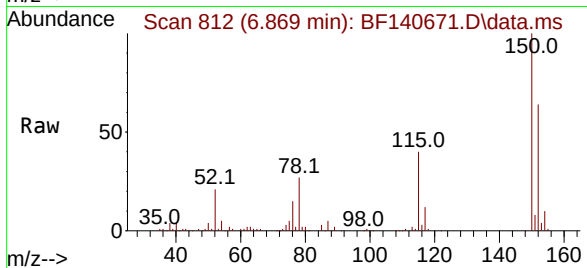
Quant Time: Nov 27 16:11:35 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Thu Nov 21 15:23:48 2024
Response via : Initial Calibration



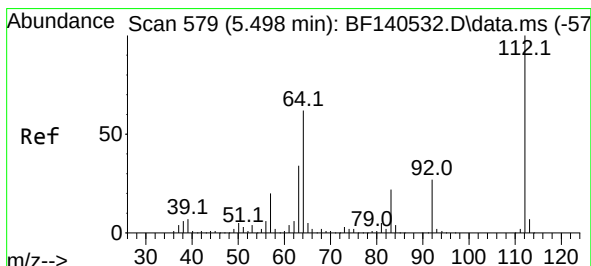
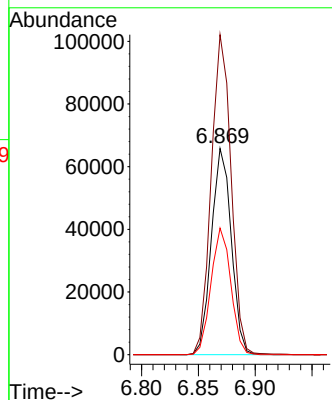
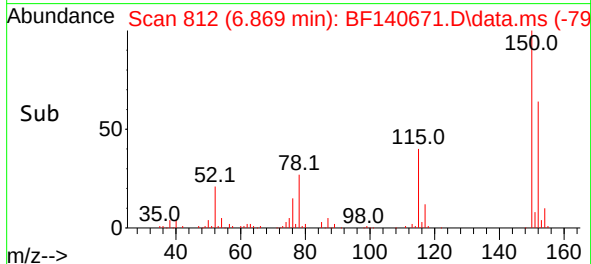


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48

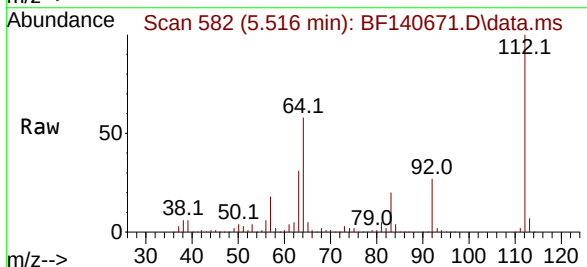
Instrument :
BNA_F
ClientSampleId :
MH-734



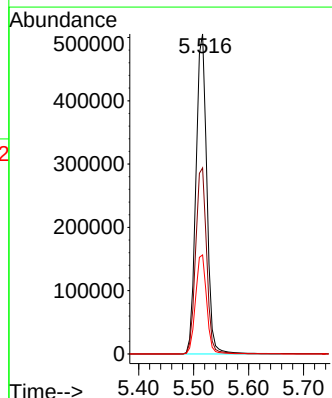
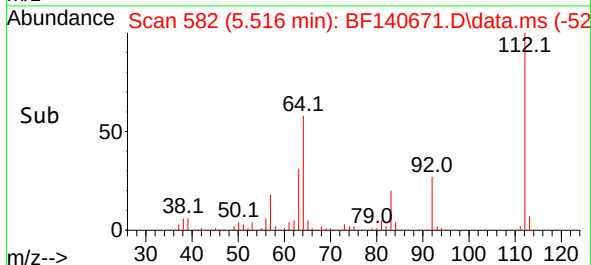
Tgt Ion:152 Resp: 80168
Ion Ratio Lower Upper
152 100
150 155.1 128.5 192.7
115 61.4 50.2 75.4

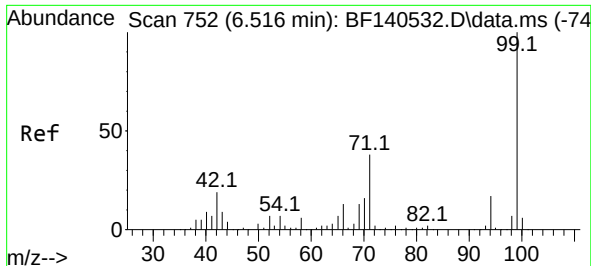


#5
2-Fluorophenol
Concen: 147.985 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.018 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48



Tgt Ion:112 Resp: 695322
Ion Ratio Lower Upper
112 100
64 58.1 49.2 73.8
63 31.0 27.0 40.4

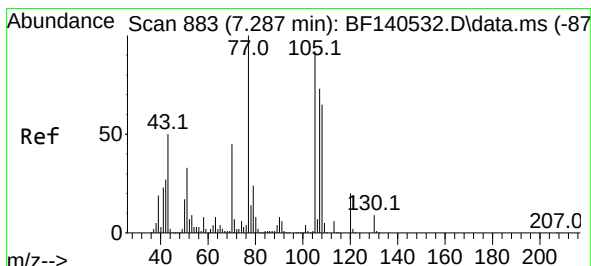
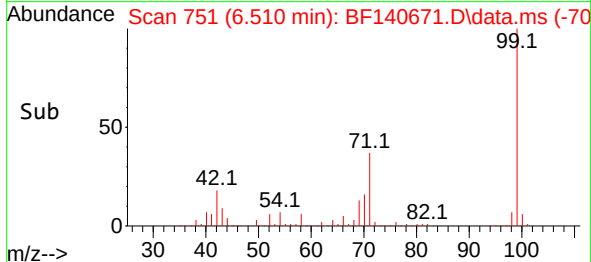
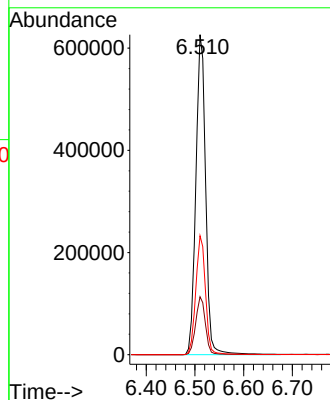
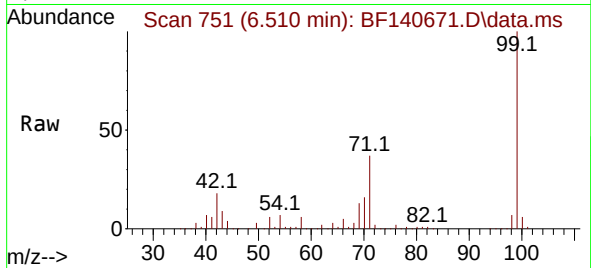




#7
Phenol-d6
Concen: 142.027 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48

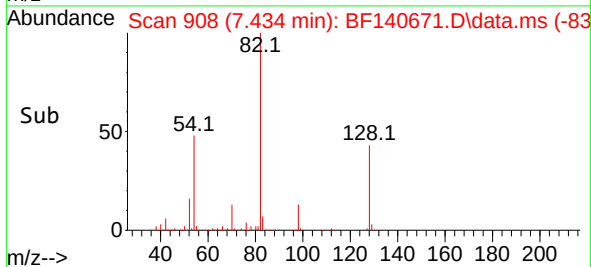
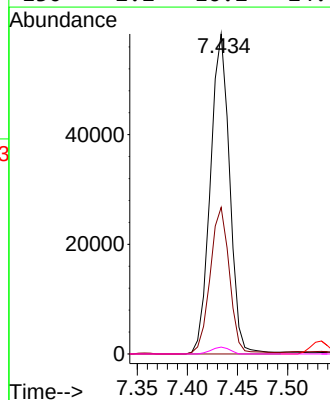
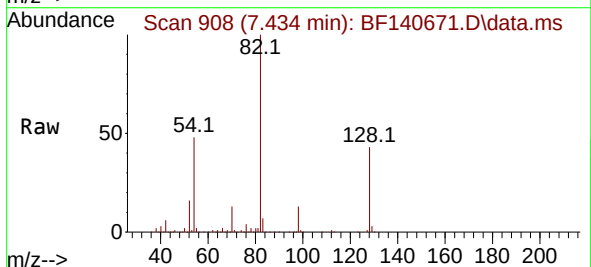
Instrument :
BNA_F
ClientSampleId :
MH-734

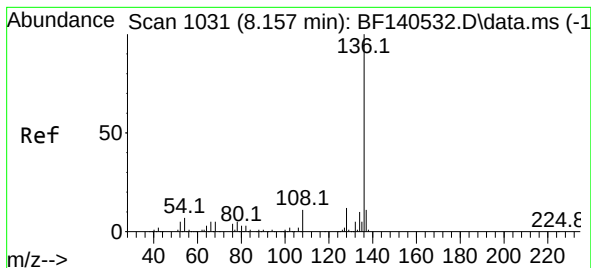
Tgt Ion: 99 Resp: 882224
Ion Ratio Lower Upper
99 100
42 18.1 15.4 23.0
71 37.2 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.332 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48

Tgt Ion: 70 Resp: 78313
Ion Ratio Lower Upper
70 100
42 45.8 47.6 71.4#
101 0.0 7.6 11.4#
130 2.2 16.2 24.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.151 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140671.D

Acq: 27 Nov 2024 15:48

Instrument :

BNA_F

ClientSampleId :

MH-734

Tgt Ion:136 Resp: 309167

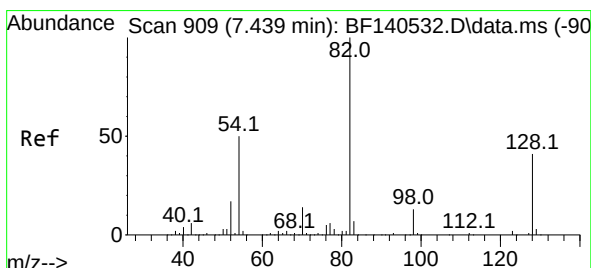
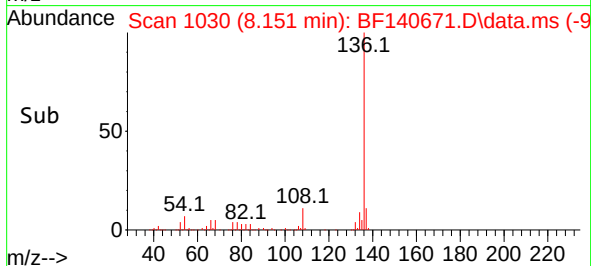
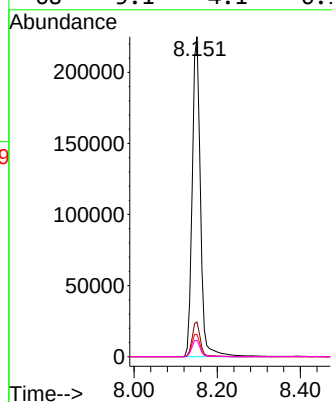
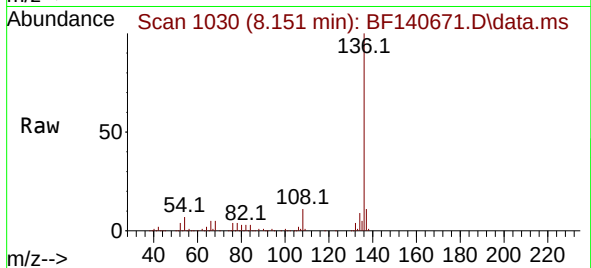
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 7.0 5.8 8.8

68 5.1 4.1 6.1



#23

Nitrobenzene-d5

Concen: 96.945 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140671.D

Acq: 27 Nov 2024 15:48

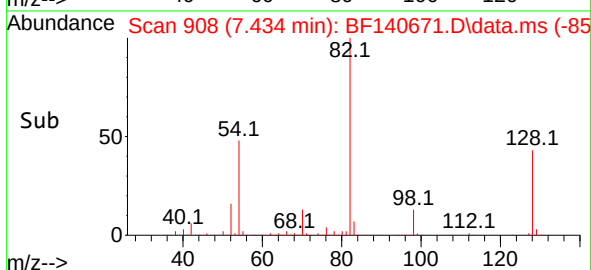
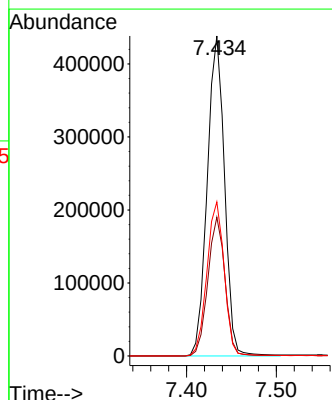
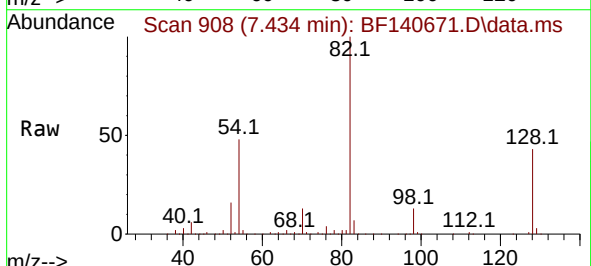
Tgt Ion: 82 Resp: 585962

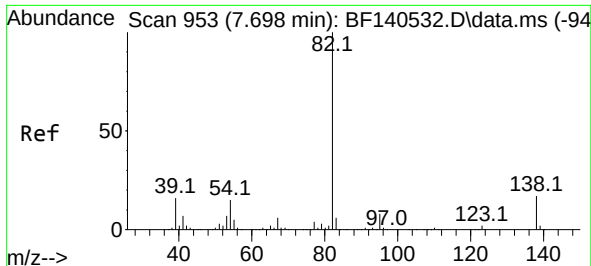
Ion Ratio Lower Upper

82 100

128 43.3 33.0 49.4

54 48.1 39.5 59.3

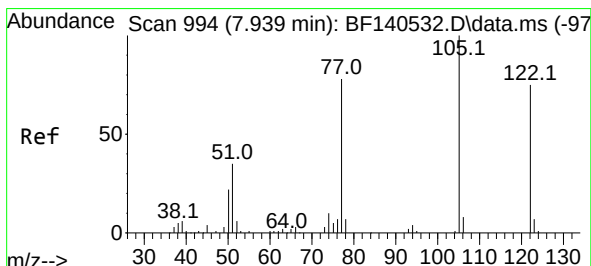
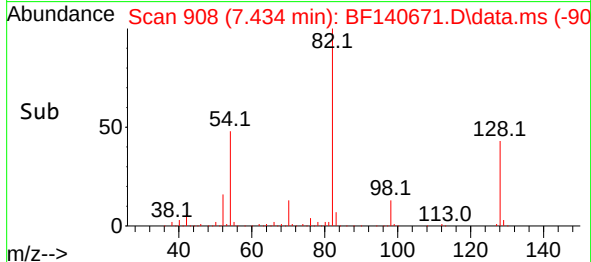
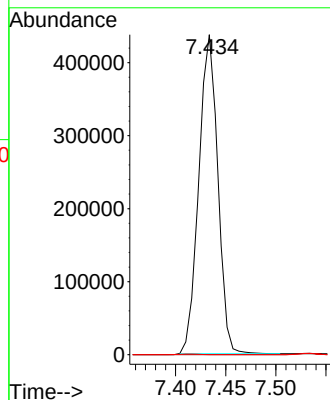
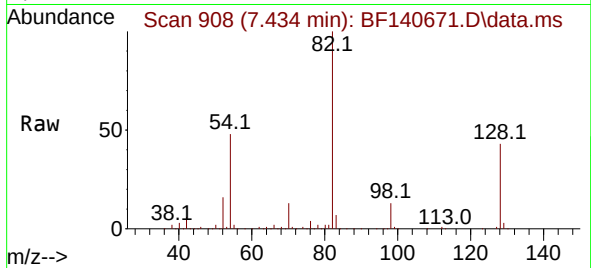




#25
Isophorone
Concen: 57.237 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48

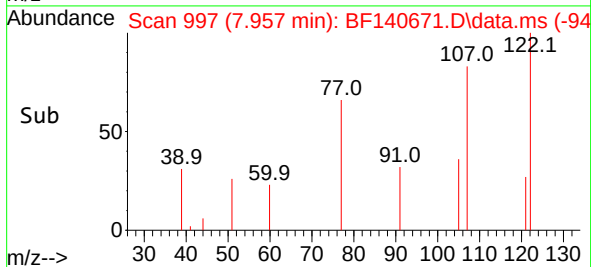
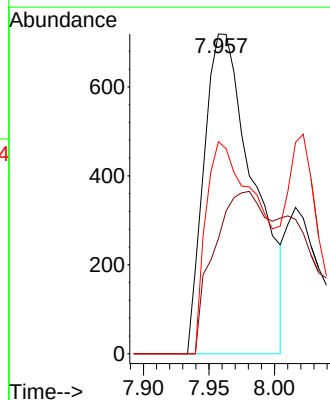
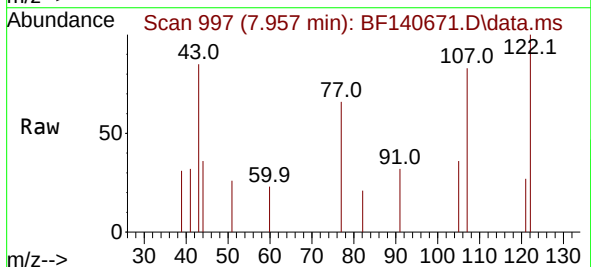
Instrument :
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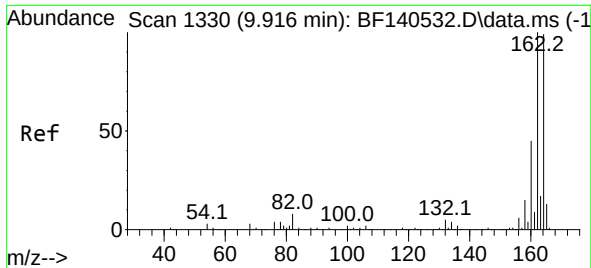
Tgt Ion: 82 Resp: 577027
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#32
Benzoic acid
Concen: 7.754 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.018 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48

Tgt Ion:122 Resp: 1907
Ion Ratio Lower Upper
122 100
105 36.0 109.3 149.3#
77 66.3 82.3 122.3#

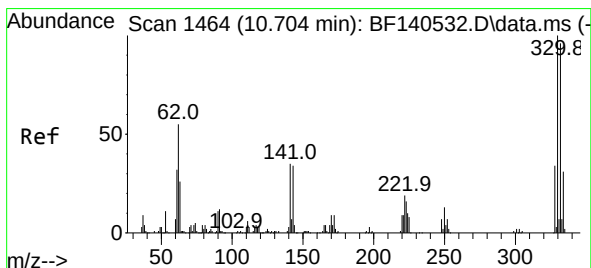
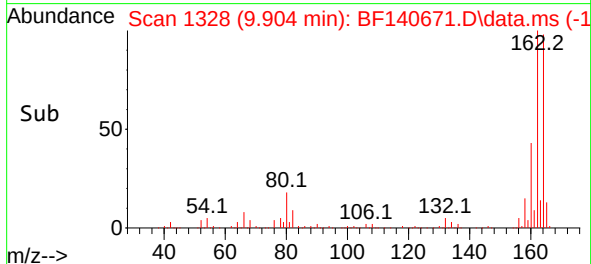
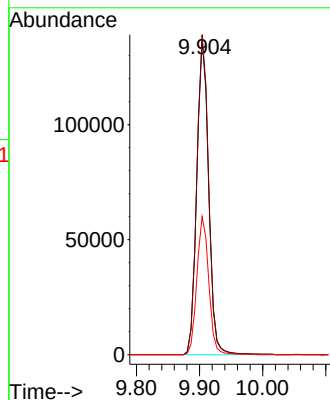
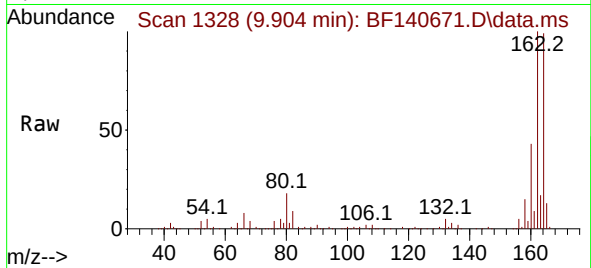




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48

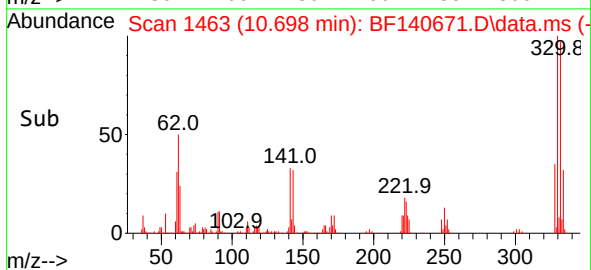
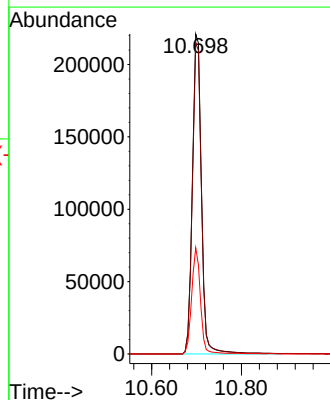
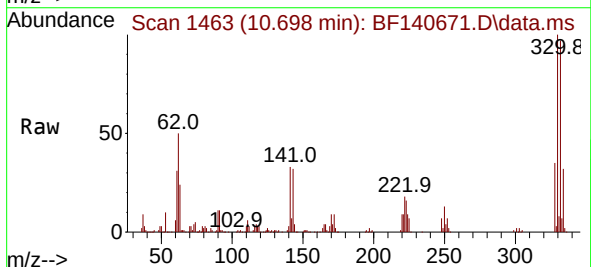
Instrument :
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ClientSampleId :
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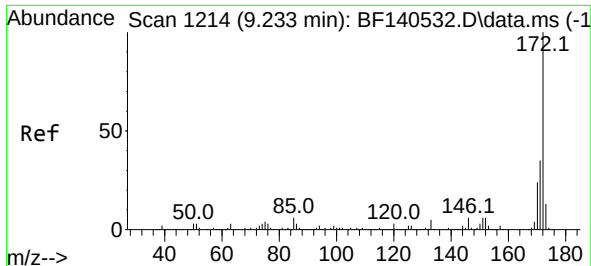
Tgt Ion:164 Resp: 178404
Ion Ratio Lower Upper
164 100
162 101.4 80.6 120.8
160 43.8 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 163.093 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48

Tgt Ion:330 Resp: 311189
Ion Ratio Lower Upper
330 100
332 96.8 76.9 115.3
141 32.4 26.7 40.1

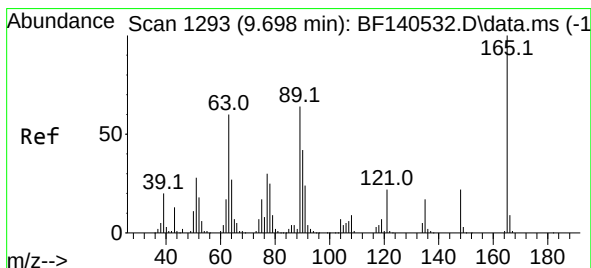
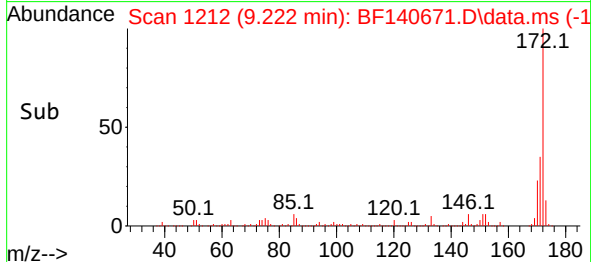
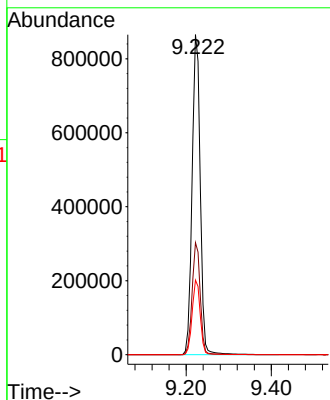
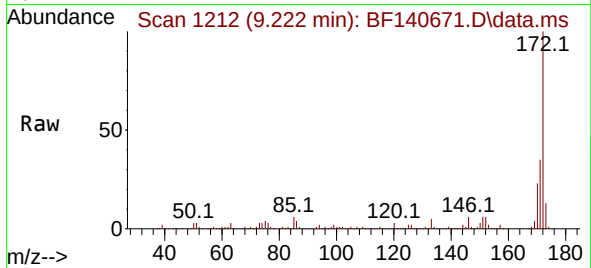




#45
2-Fluorobiphenyl
Concen: 95.725 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48

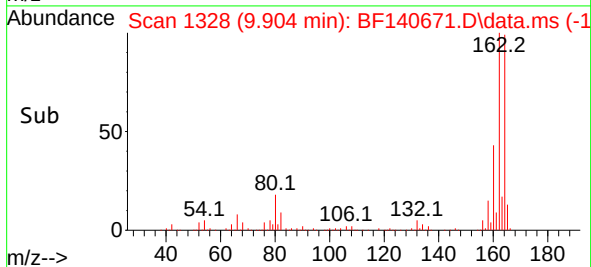
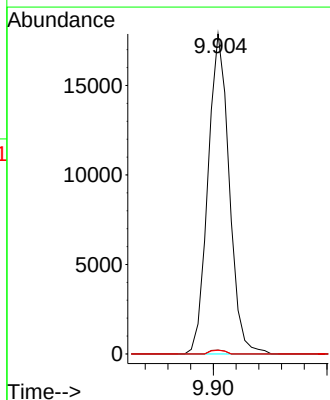
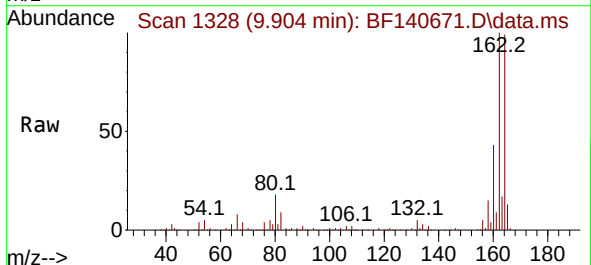
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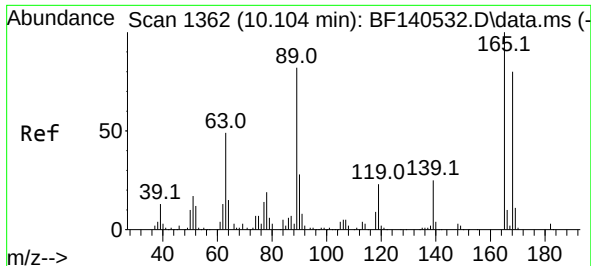
Tgt Ion:172 Resp: 1146204
Ion Ratio Lower Upper
172 100
171 35.0 28.4 42.6
170 23.3 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.718 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48

Tgt Ion:165 Resp: 23232
Ion Ratio Lower Upper
165 100
63 1.2 49.9 74.9#
89 1.2 50.9 76.3#

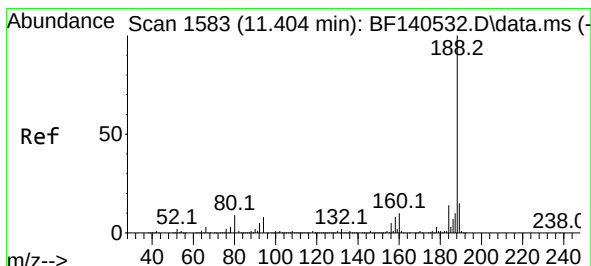
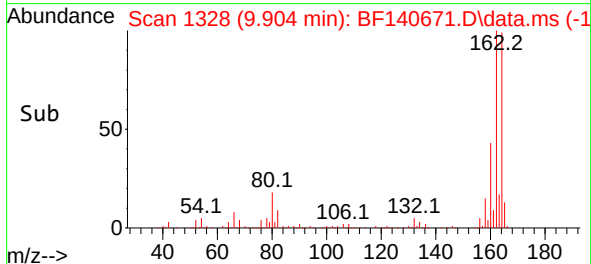
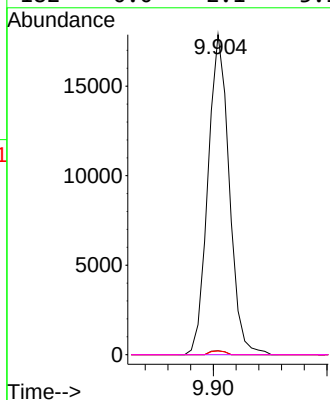
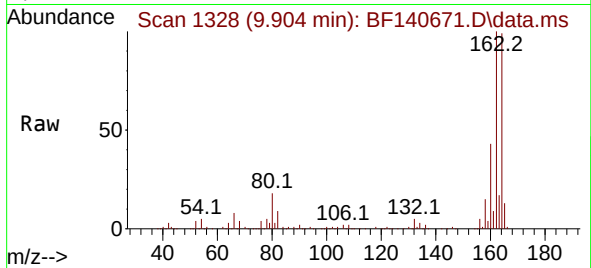




#57
2,4-Dinitrotoluene
Concen: 6.560 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48

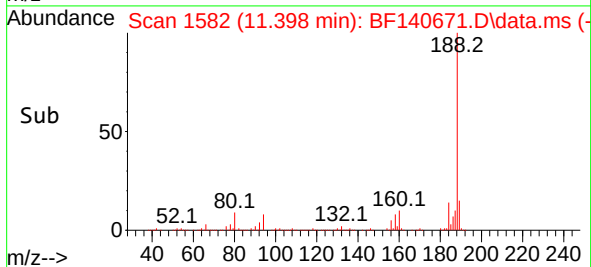
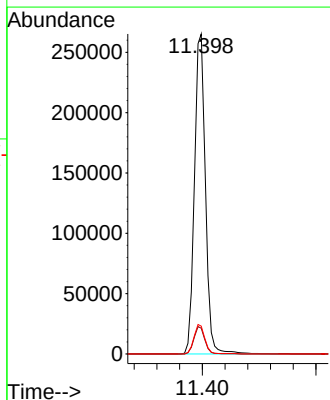
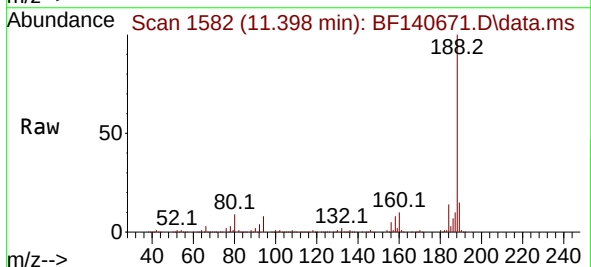
Instrument :
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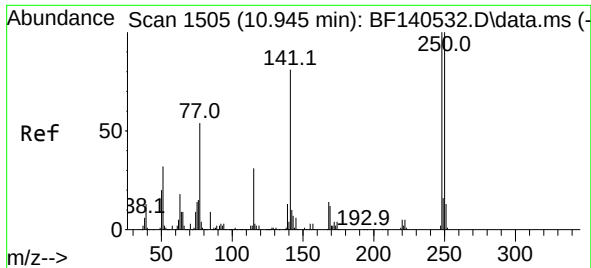
Tgt Ion:	165	Resp:	23232
Ion Ratio	Lower	Upper	
165	100		
63	1.2	41.7	62.5#
89	1.2	65.8	98.8#
182	0.0	2.1	3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 1582
Delta R.T. -0.006 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48

Tgt Ion:	188	Resp:	357275
Ion Ratio	Lower	Upper	
188	100		
94	8.0	6.4	9.6
80	8.7	6.9	10.3

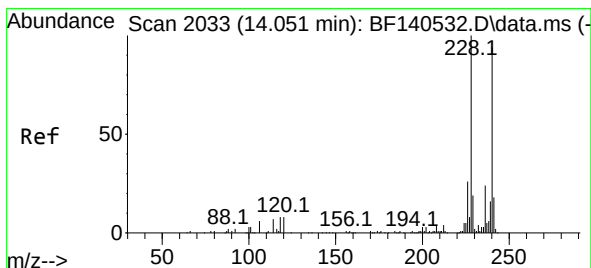
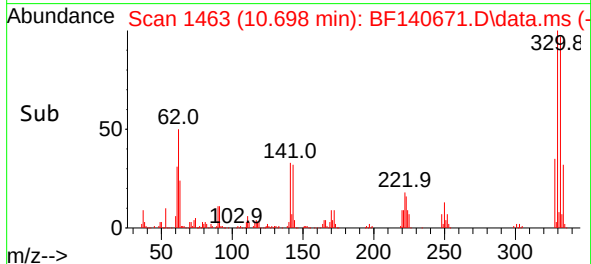
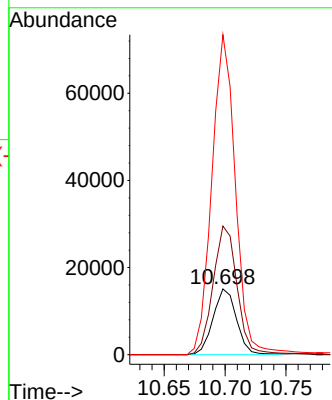
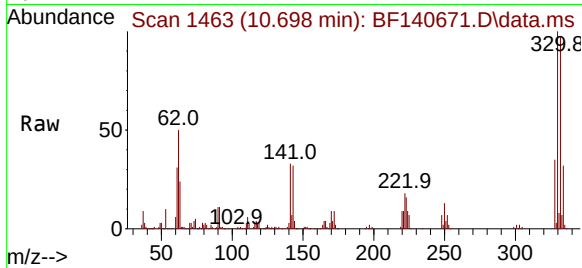




#67
4-Bromophenyl-phenylether
Concen: 5.498 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48

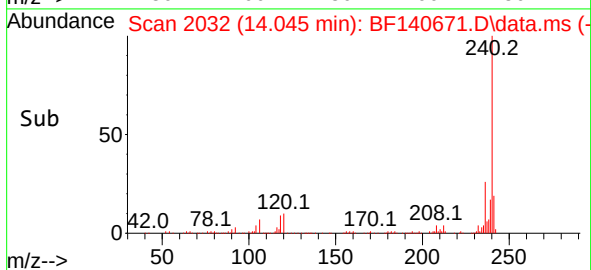
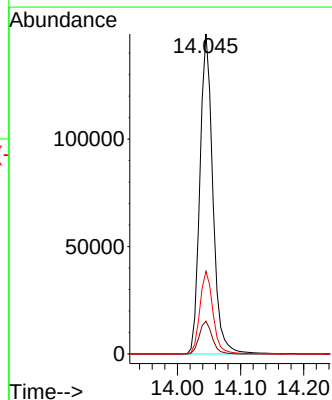
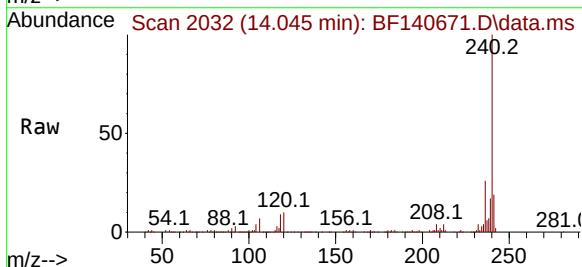
Instrument :
BNA_F
ClientSampleId :
MH-734

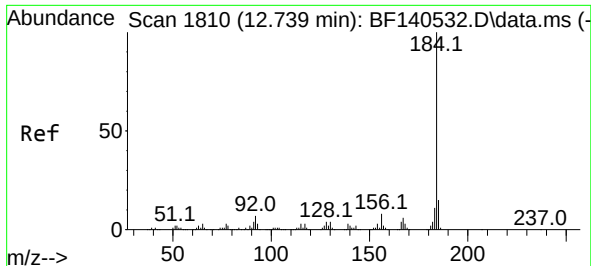
Tgt Ion:248 Resp: 20230
Ion Ratio Lower Upper
248 100
250 195.4 79.8 119.8#
141 486.2 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48

Tgt Ion:240 Resp: 211705
Ion Ratio Lower Upper
240 100
120 10.2 7.3 10.9
236 25.9 20.6 31.0

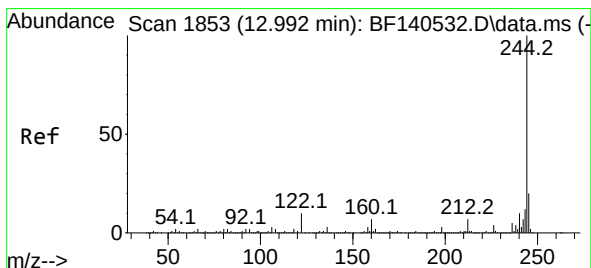
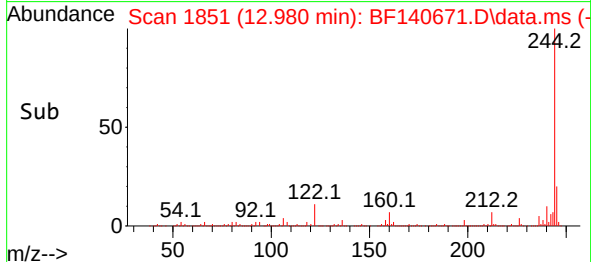
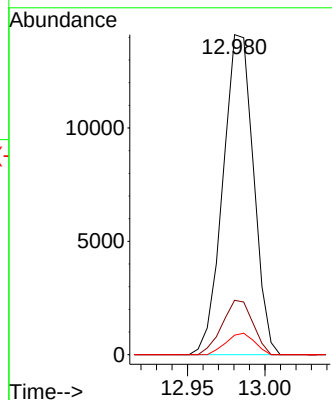
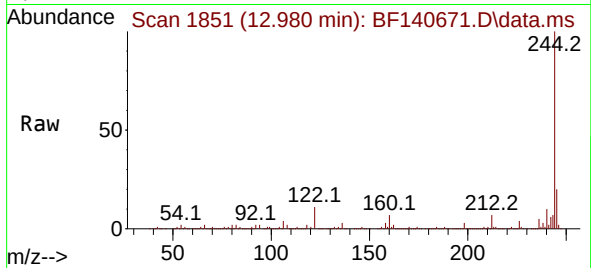




#77
Benzidine
Concen: 3.149 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.241 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48

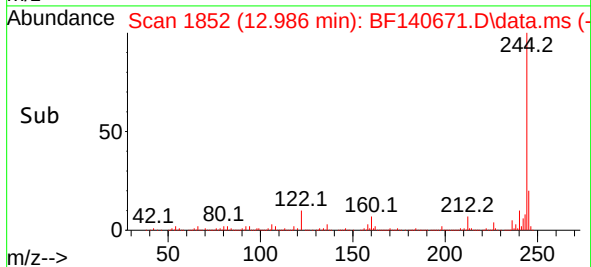
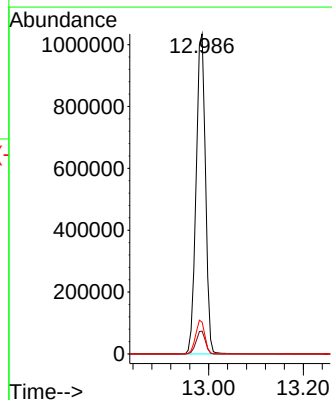
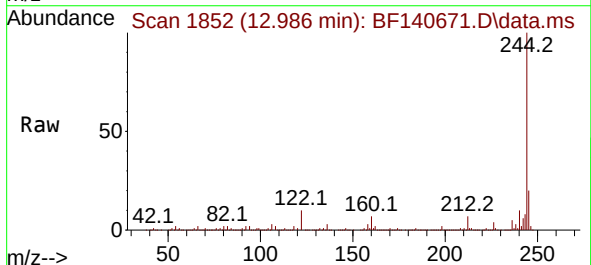
Instrument :
BNA_F
ClientSampleId :
MH-734

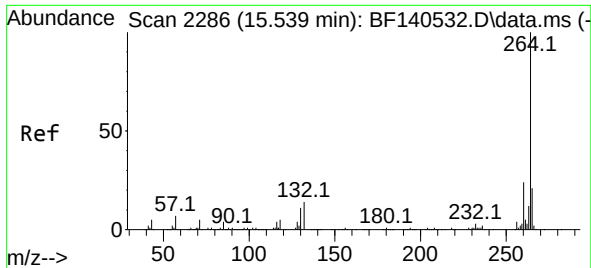
Tgt Ion:184 Resp: 19385
Ion Ratio Lower Upper
184 100
185 17.0 11.7 17.5
183 6.1 8.8 13.2#



#79
Terphenyl-d14
Concen: 104.508 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.006 min
Lab File: BF140671.D
Acq: 27 Nov 2024 15:48

Tgt Ion:244 Resp: 1420878
Ion Ratio Lower Upper
244 100
212 7.1 5.8 8.8
122 9.9 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: BF140671.D

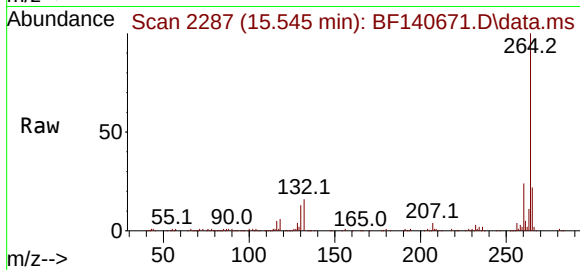
Acq: 27 Nov 2024 15:48

Instrument :

BNA_F

ClientSampleId :

MH-734



Tgt Ion:264 Resp: 193363

Ion Ratio Lower Upper

264 100

260 23.6 19.0 28.6

265 21.6 16.6 25.0

