

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140674.D
 Acq On : 27 Nov 2024 17:06
 Operator : RC/JU
 Sample : P5000-08
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-733

Quant Time: Nov 28 00:11:28 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)

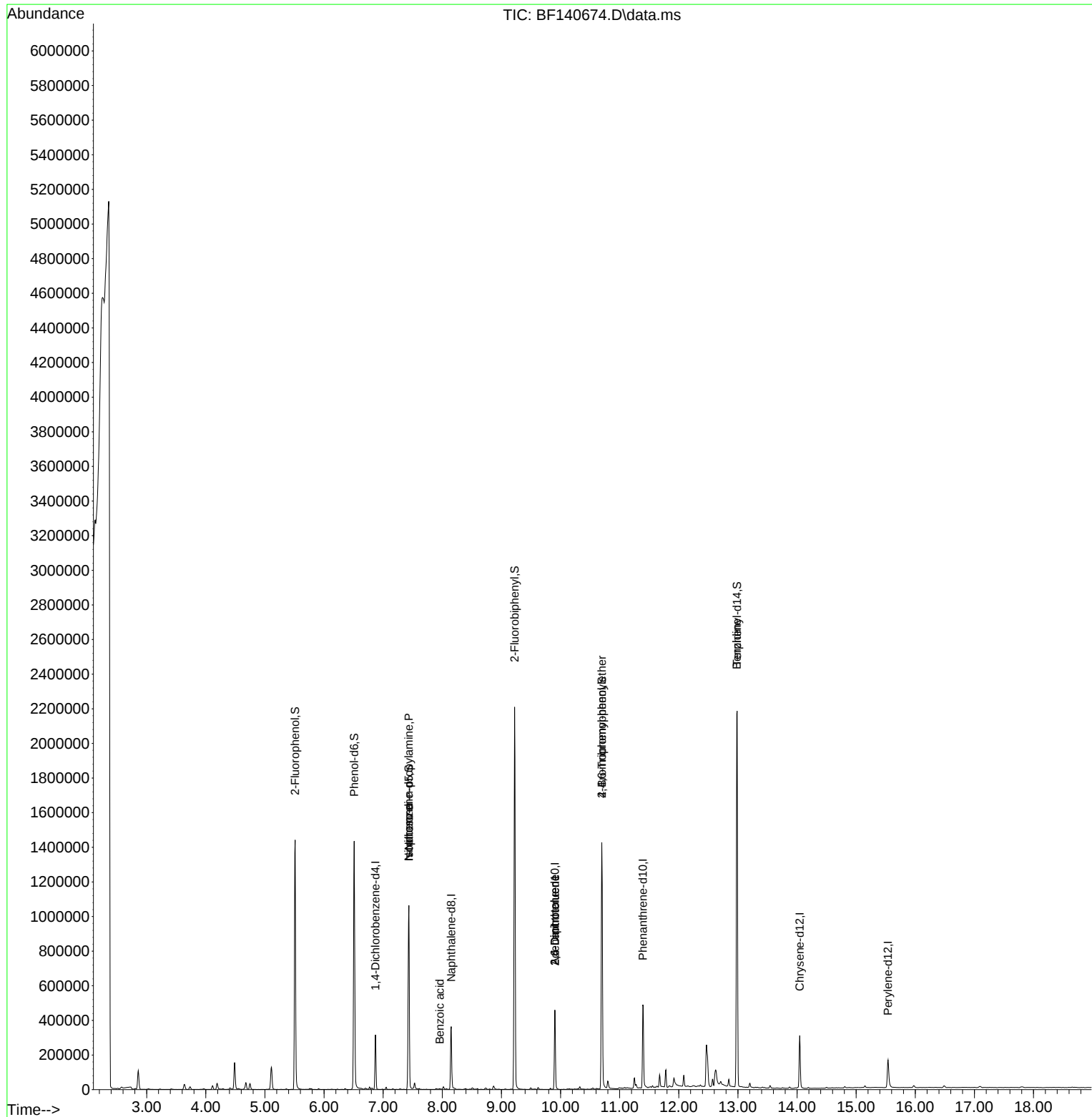
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	65314	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	246753	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	139477	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	275850	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	156653	20.000	ng	0.00
86) Perylene-d12	15.539	264	98285	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	561668	146.726	ng	0.01
7) Phenol-d6	6.510	99	699729	138.267	ng	0.00
23) Nitrobenzene-d5	7.434	82	500488	103.748	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	256848	172.183	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	998798	106.695	ng	-0.01
79) Terphenyl-d14	12.986	244	1127838	112.107	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	68970	23.060	ng	# 74
25) Isophorone	7.434	82	490878	61.008	ng	# 66
32) Benzoic acid	7.957	122	1972	7.921	ng	# 31
51) 2,6-Dinitrotoluene	9.904	165	17410	8.357	ng	# 20
57) 2,4-Dinitrotoluene	9.904	165	17410	6.288	ng	# 17
67) 4-Bromophenyl-phenylether	10.698	248	15899	5.597	ng	# 1
77) Benzidine	12.980	184	15412	3.384	ng	# 95

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

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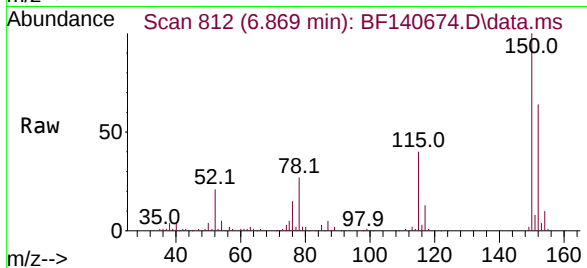
Quant Time: Nov 28 00:11:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF112124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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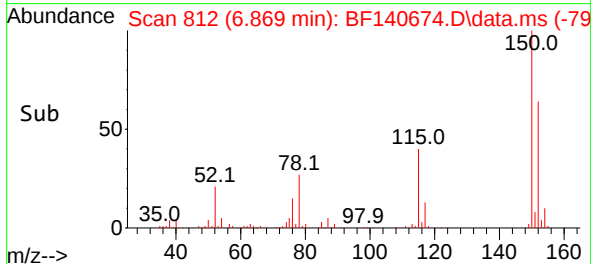
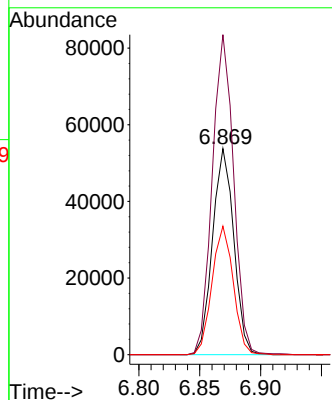


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

Instrument :
BNA_F
ClientSampleId :
MH-733

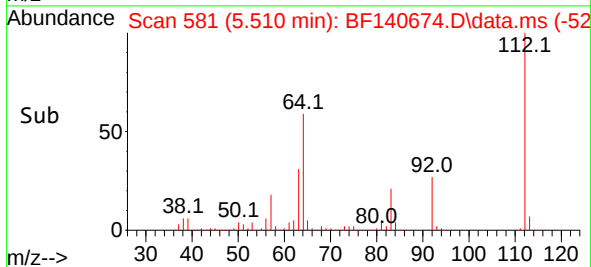
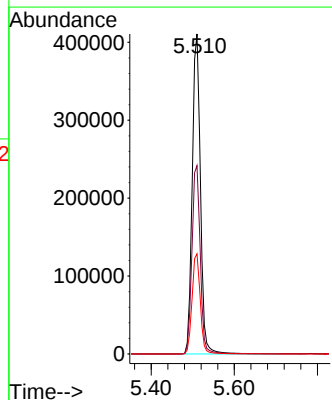
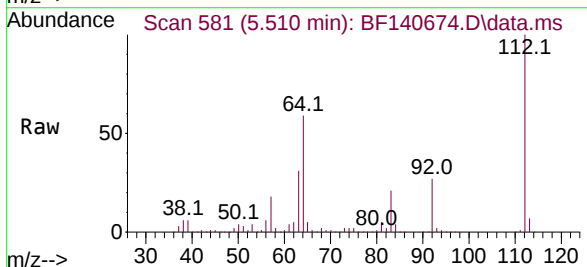


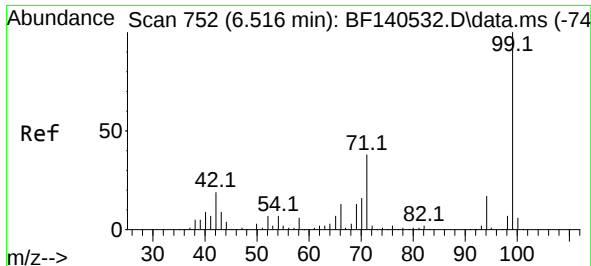
Tgt Ion:152 Resp: 65314
Ion Ratio Lower Upper
152 100
150 155.3 128.5 192.7
115 62.3 50.2 75.4



#5
2-Fluorophenol
Concen: 146.726 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.012 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

Tgt Ion:112 Resp: 561668
Ion Ratio Lower Upper
112 100
64 58.9 49.2 73.8
63 31.3 27.0 40.4

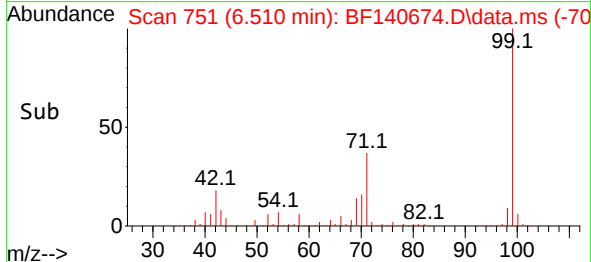
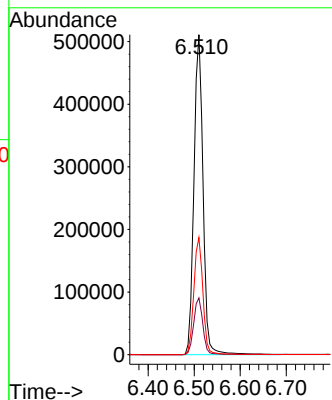
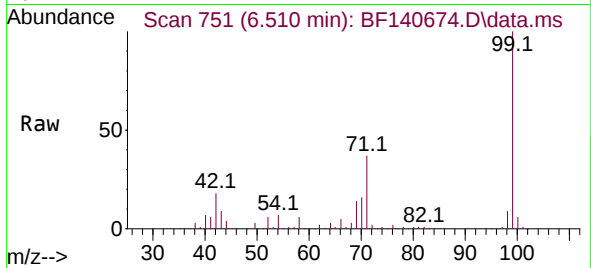




#7
Phenol-d6
Concen: 138.267 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

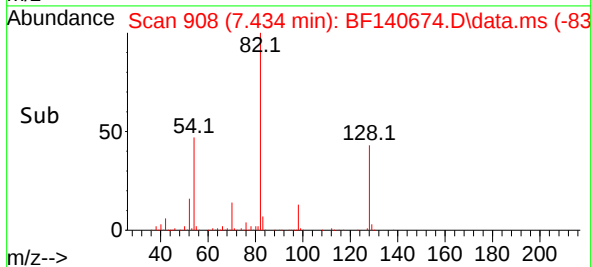
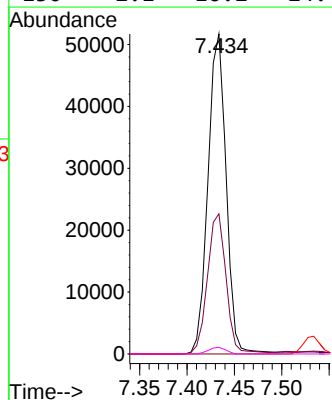
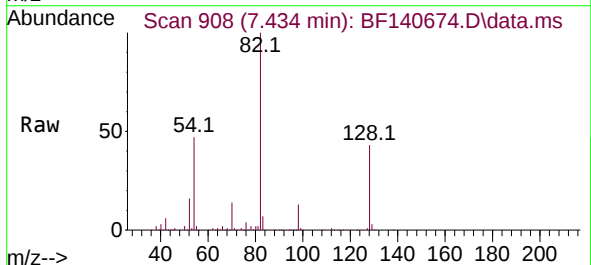
Instrument :
BNA_F
ClientSampleId :
MH-733

Tgt Ion: 99 Resp: 699729
Ion Ratio Lower Upper
99 100
42 17.8 15.4 23.0
71 36.6 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 23.060 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

Tgt Ion: 70 Resp: 68970
Ion Ratio Lower Upper
70 100
42 43.8 47.6 71.4#
101 0.0 7.6 11.4#
130 2.1 16.2 24.4#



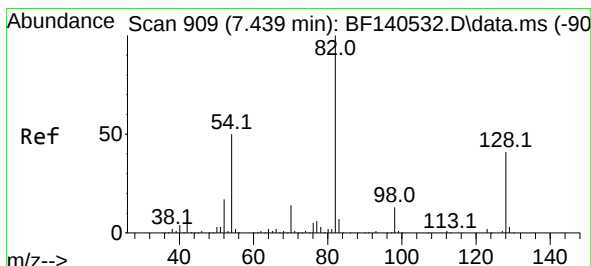
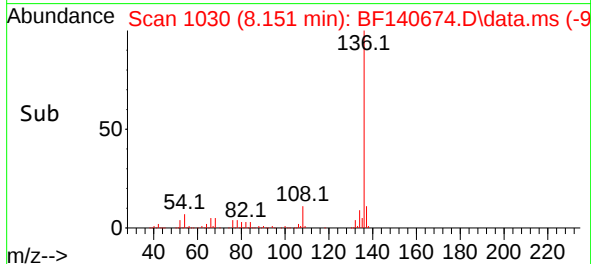
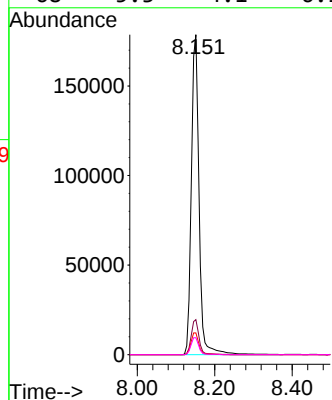
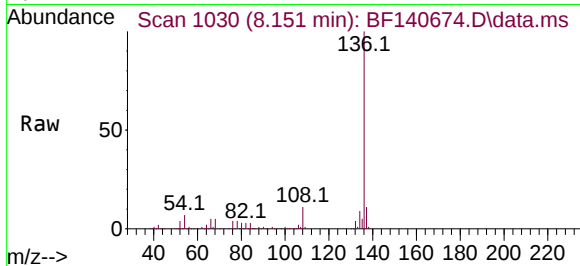


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

Instrument :
BNA_F
ClientSampleId :
MH-733

Tgt Ion:136 Resp: 246753

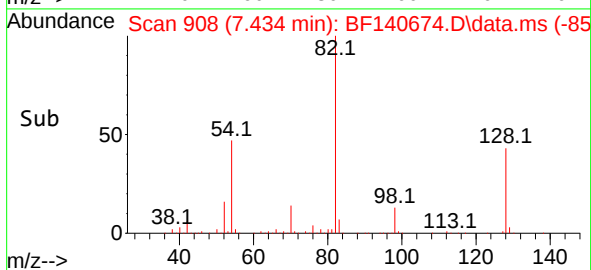
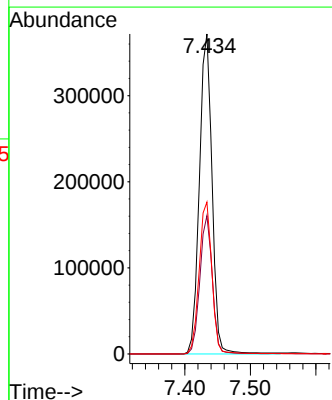
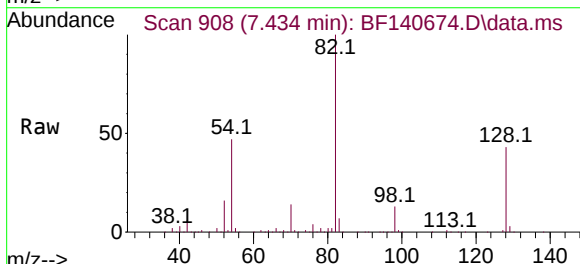
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.6	13.0
54	6.8	5.8	8.8
68	5.3	4.1	6.1



#23
Nitrobenzene-d5
Concen: 103.748 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

Tgt Ion: 82 Resp: 500488

Ion	Ratio	Lower	Upper
82	100		
128	43.2	33.0	49.4
54	47.5	39.5	59.3

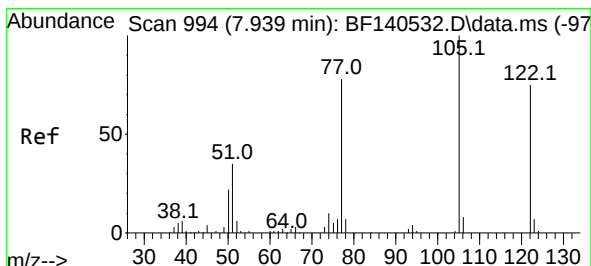
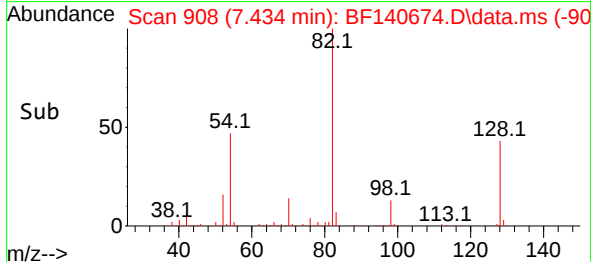
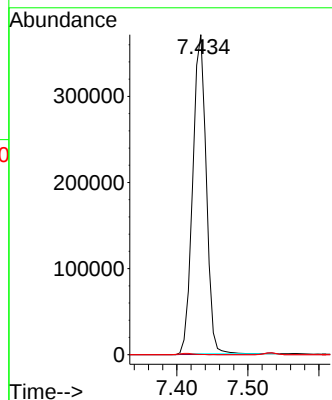
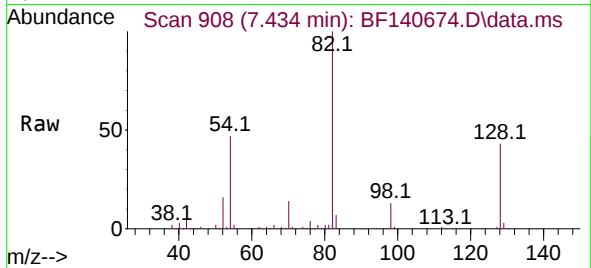




#25
Isophorone
Concen: 61.008 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

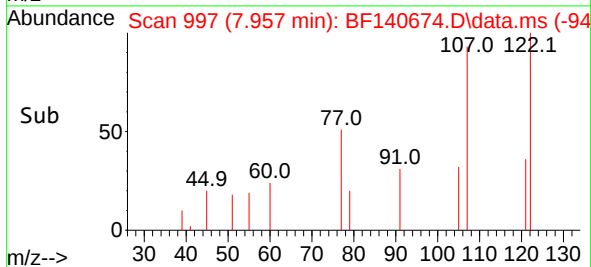
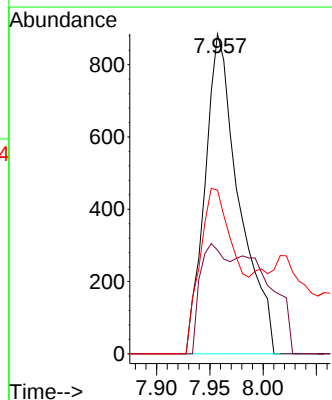
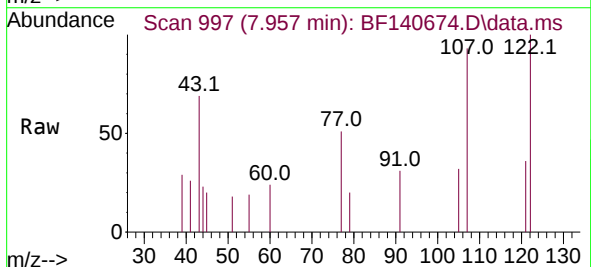
Instrument :
BNA_F
ClientSampleId :
MH-733

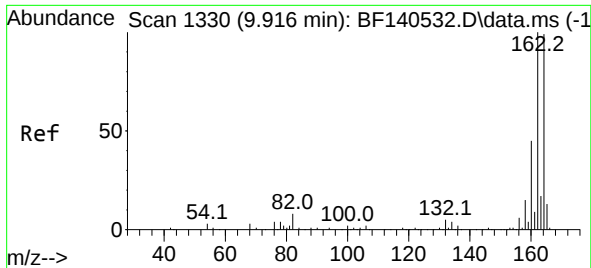
Tgt Ion: 82 Resp: 490878
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.1 13.8 20.6#



#32
Benzoic acid
Concen: 7.921 ng
RT: 7.957 min Scan# 997
Delta R.T. 0.018 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

Tgt Ion: 122 Resp: 1972
Ion Ratio Lower Upper
122 100
105 32.4 109.3 149.3#
77 51.2 82.3 122.3#

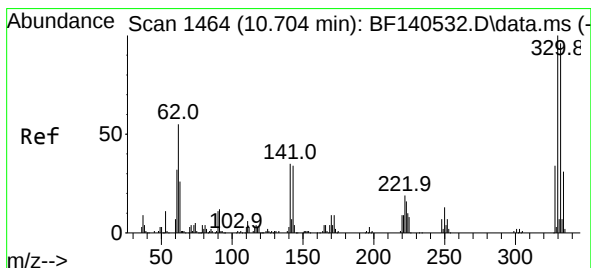
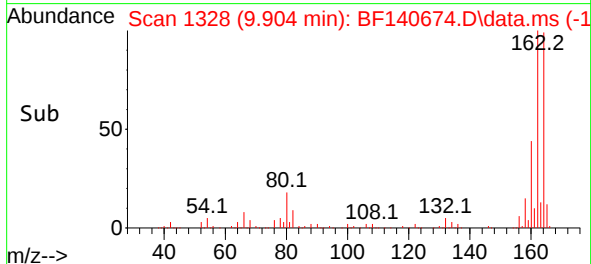
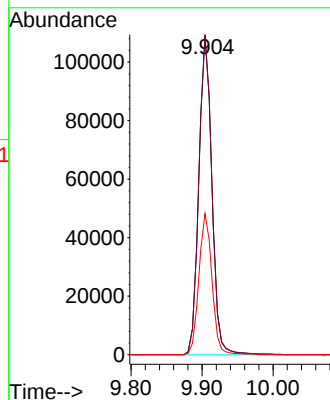
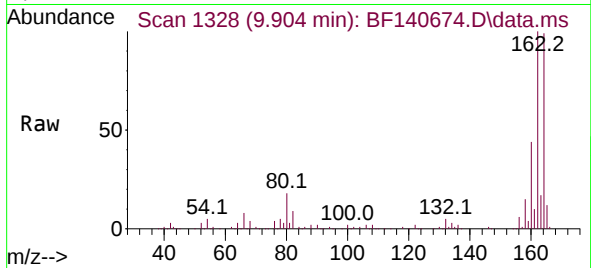




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

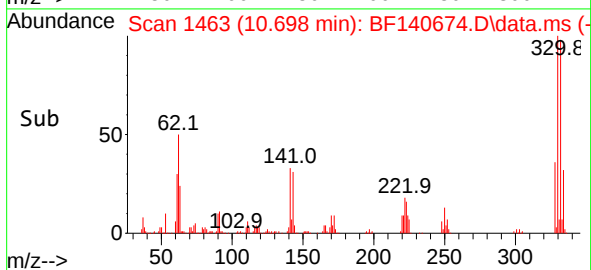
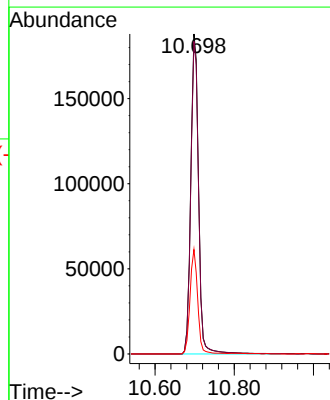
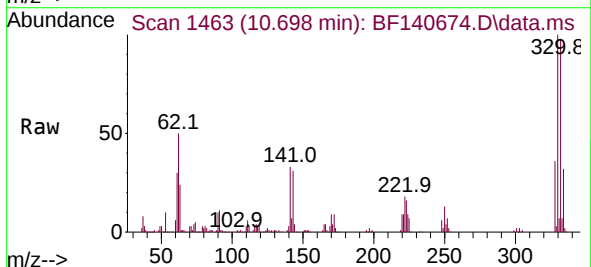
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ClientSampleId :
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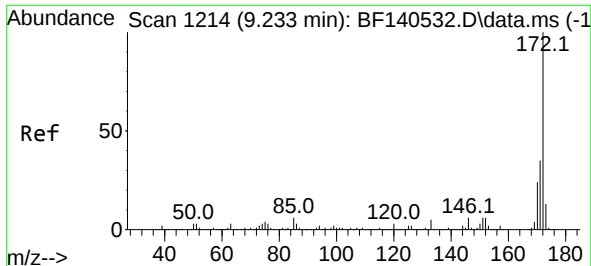
Tgt Ion:164 Resp: 139477
Ion Ratio Lower Upper
164 100
162 100.6 80.6 120.8
160 44.4 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 172.183 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

Tgt Ion:330 Resp: 256848
Ion Ratio Lower Upper
330 100
332 97.8 76.9 115.3
141 32.1 26.7 40.1

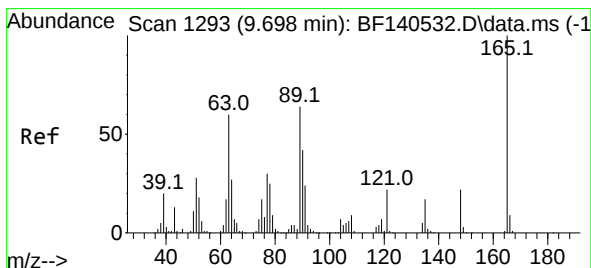
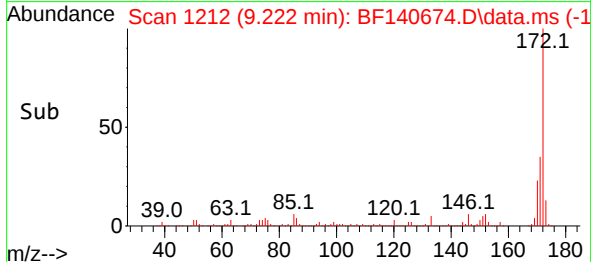
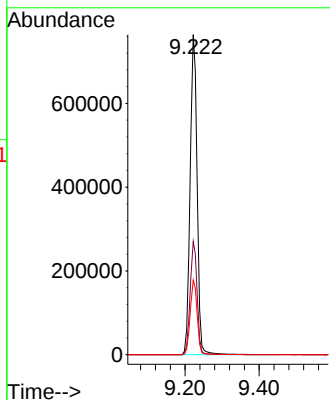
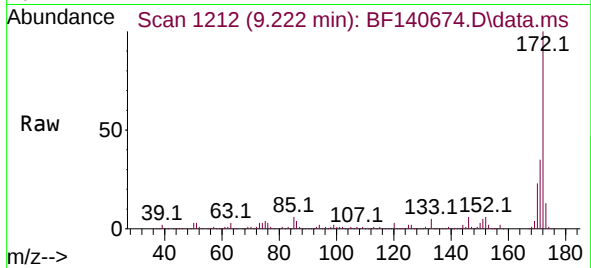




#45
2-Fluorobiphenyl
Concen: 106.695 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

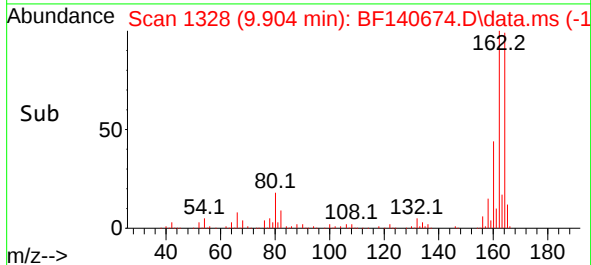
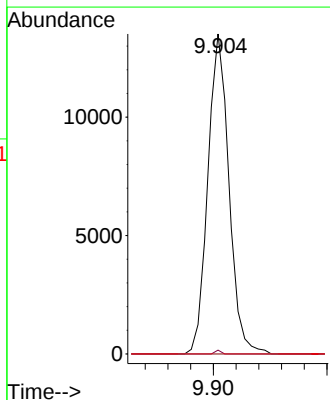
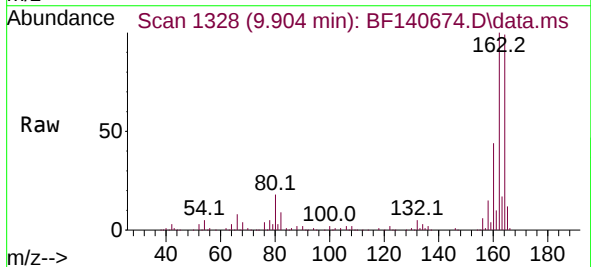
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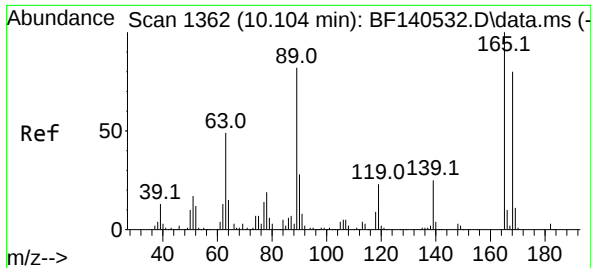
Tgt Ion:172 Resp: 998798
Ion Ratio Lower Upper
172 100
171 35.4 28.4 42.6
170 23.3 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.357 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

Tgt Ion:165 Resp: 17410
Ion Ratio Lower Upper
165 100
63 1.2 49.9 74.9#
89 0.0 50.9 76.3#

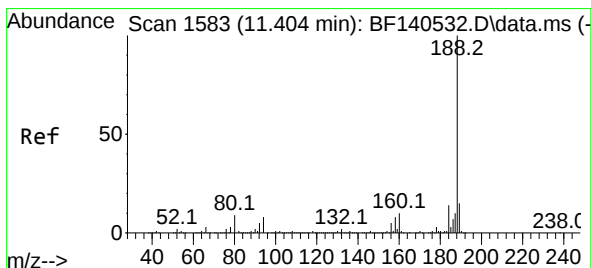
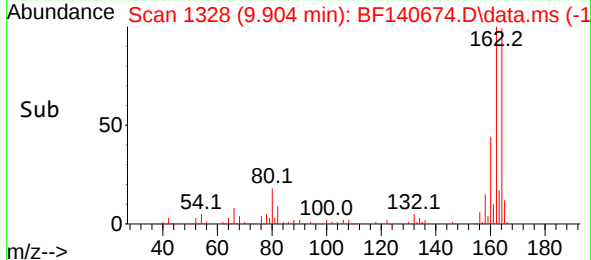
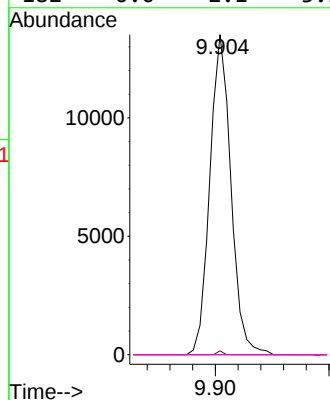
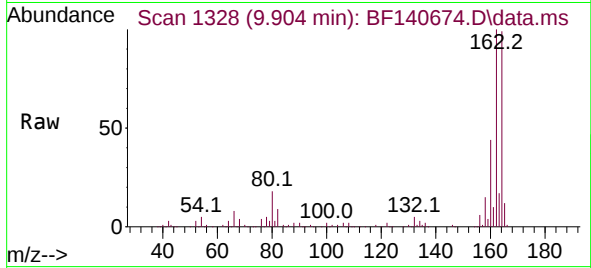




#57
2,4-Dinitrotoluene
Concen: 6.288 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

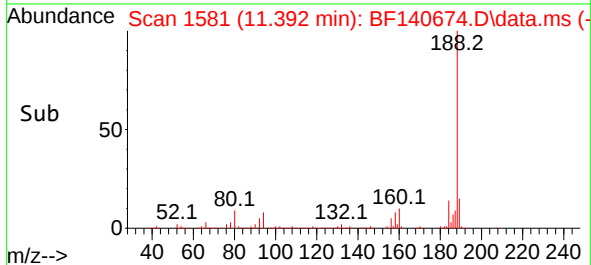
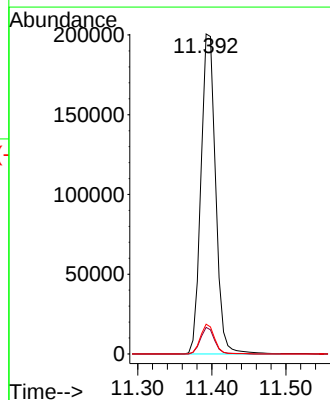
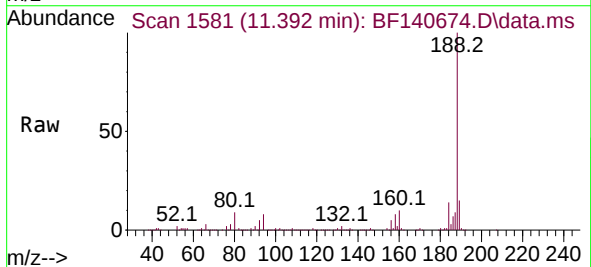
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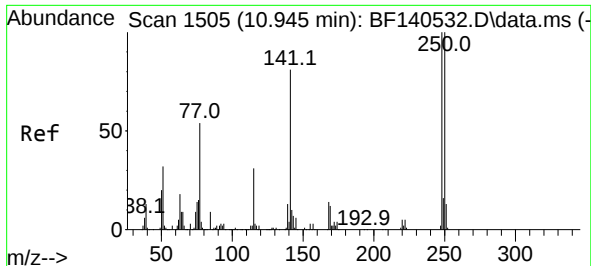
Tgt Ion:165	Resp:	17410
Ion Ratio	Lower	Upper
165	100	
63	1.2	41.7 62.5#
89	0.0	65.8 98.8#
182	0.0	2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

Tgt Ion:188	Resp:	275850
Ion Ratio	Lower	Upper
188	100	
94	8.3	6.4 9.6
80	9.3	6.9 10.3

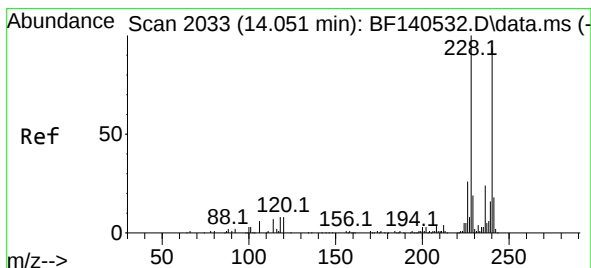
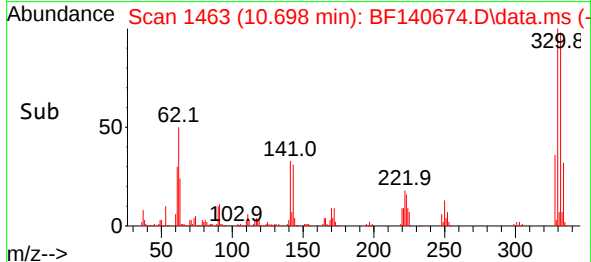
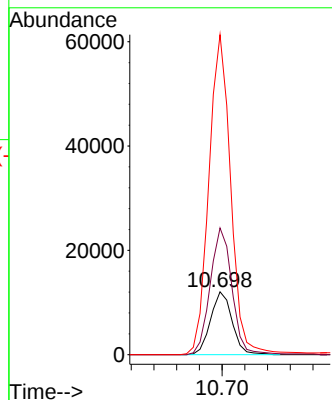
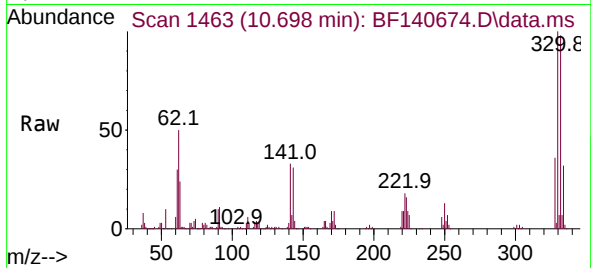




#67
4-Bromophenyl-phenylether
Concen: 5.597 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

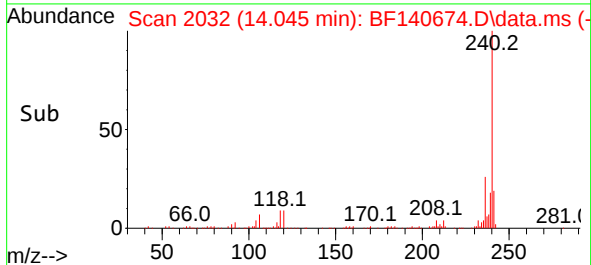
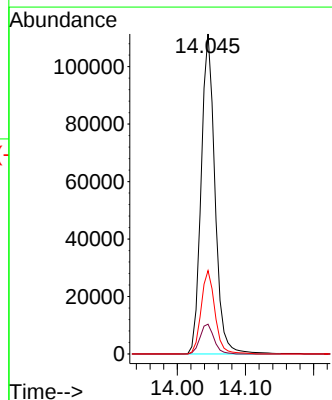
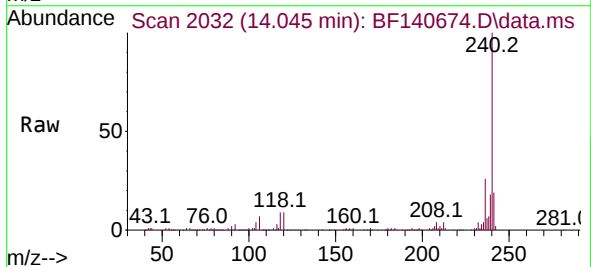
Instrument :
BNA_F
ClientSampleId :
MH-733

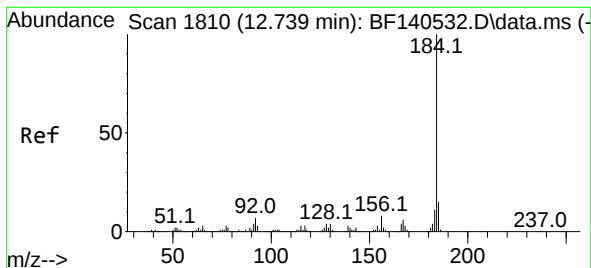
Tgt Ion:248 Resp: 15899
Ion Ratio Lower Upper
248 100
250 201.5 79.8 119.8#
141 509.1 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140674.D
Acq: 27 Nov 2024 17:06

Tgt Ion:240 Resp: 156653
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 26.0 20.6 31.0





#77

Benzidine

Concen: 3.384 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.241 min

Lab File: BF140674.D

Acq: 27 Nov 2024 17:06

Instrument :

BNA_F

ClientSampleId :

MH-733

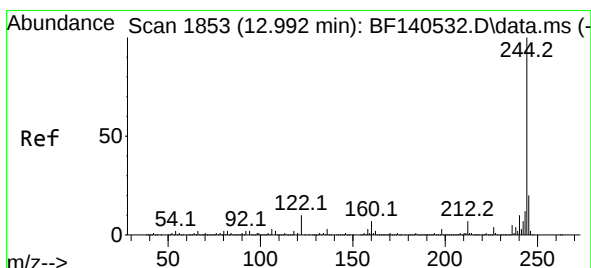
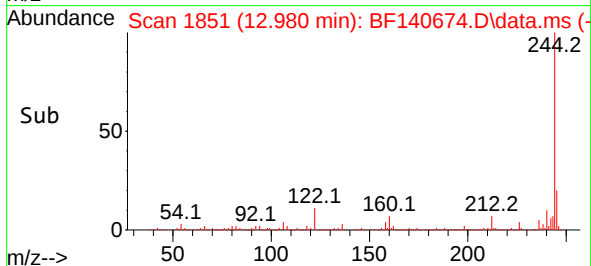
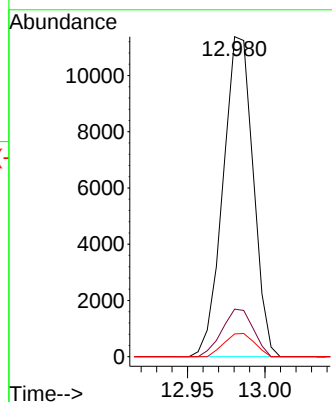
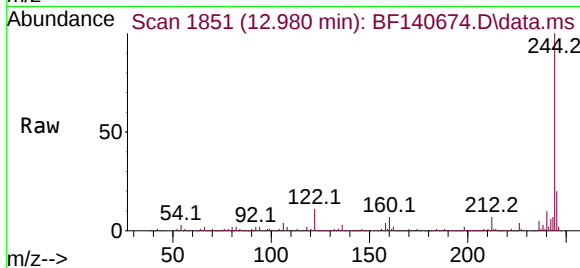
Tgt Ion:184 Resp: 15412

Ion Ratio Lower Upper

184 100

185 14.9 11.7 17.5

183 7.1 8.8 13.2#



#79

Terphenyl-d14

Concen: 112.107 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.006 min

Lab File: BF140674.D

Acq: 27 Nov 2024 17:06

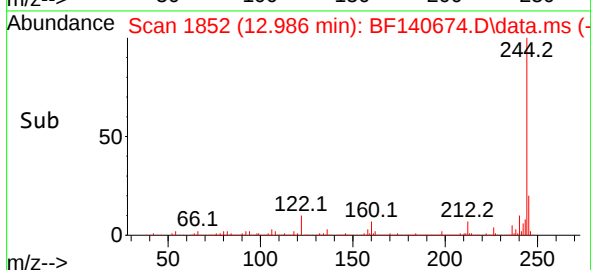
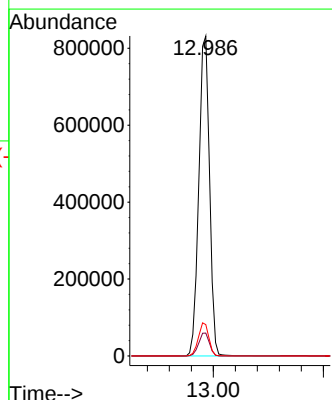
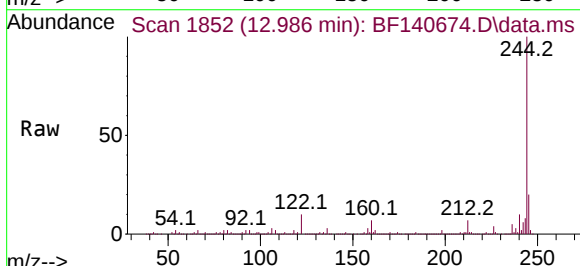
Tgt Ion:244 Resp: 1127838

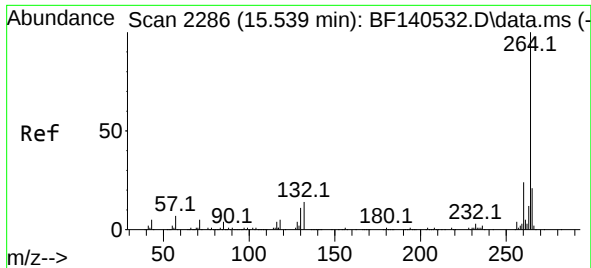
Ion Ratio Lower Upper

244 100

212 7.2 5.8 8.8

122 9.8 8.0 12.0





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. 0.000 min
 Lab File: BF140674.D
 Acq: 27 Nov 2024 17:06

Instrument :
 BNA_F
 ClientSampleId :
 MH-733

Tgt Ion:264 Resp: 98285
 Ion Ratio Lower Upper
 264 100
 260 24.9 19.0 28.6
 265 21.6 16.6 25.0

