

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112724\
 Data File : BF140673.D
 Acq On : 27 Nov 2024 16:40
 Operator : RC/JU
 Sample : P5000-04
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-745

Quant Time: Nov 28 00:11:17 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)

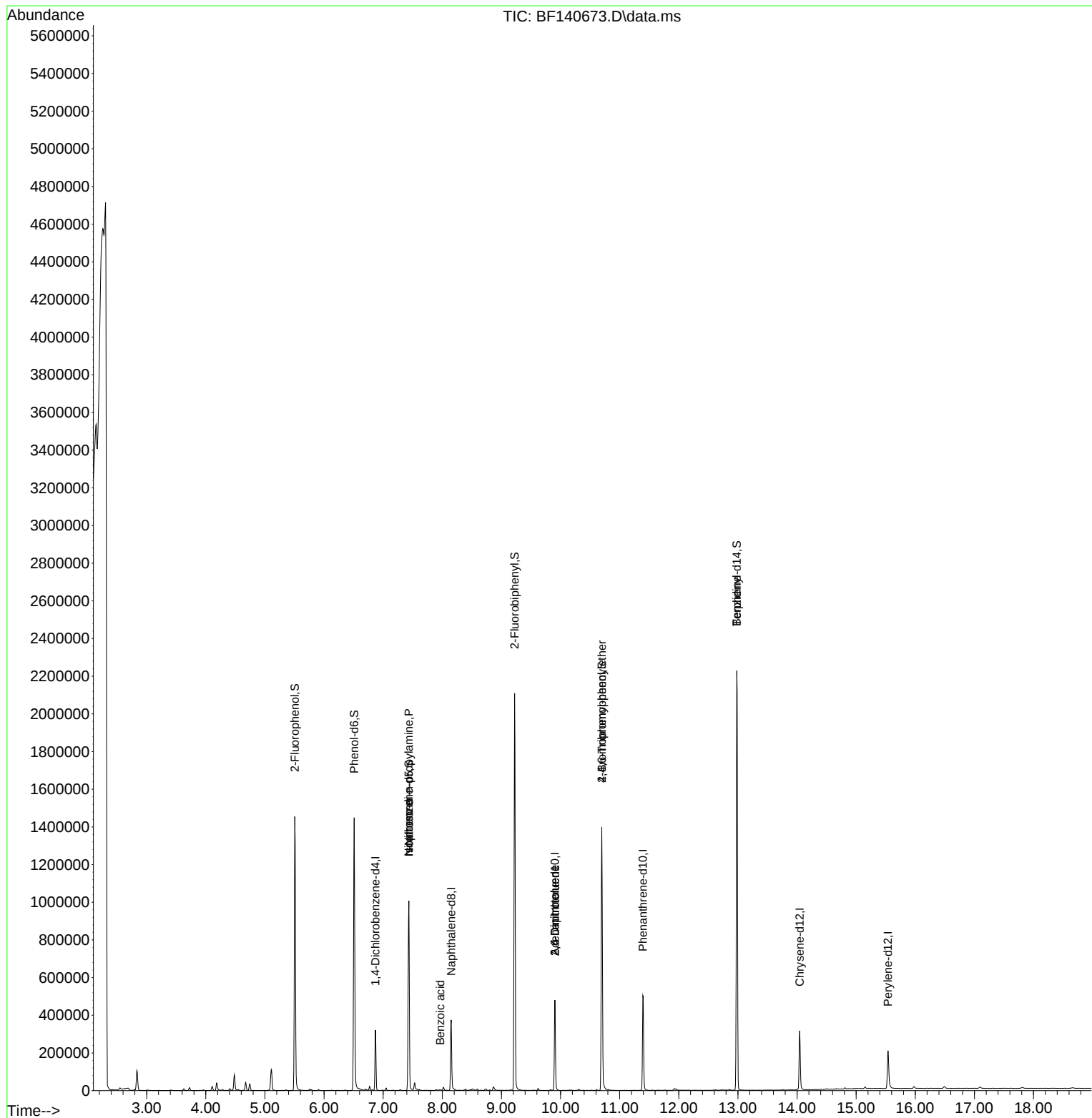
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	67366	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	259228	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	148012	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	295851	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	169558	20.000	ng	0.00
86) Perylene-d12	15.539	264	127142	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	563609	142.748	ng	0.00
7) Phenol-d6	6.510	99	712137	136.432	ng	0.00
23) Nitrobenzene-d5	7.434	82	468335	92.411	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	259528	163.947	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	946176	95.246	ng	-0.01
79) Terphenyl-d14	12.980	244	1129722	103.748	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	64288	20.840	ng	# 73
25) Isophorone	7.434	82	460825	54.516	ng	# 66
32) Benzoic acid	7.963	122	1951	7.878	ng	# 41
51) 2,6-Dinitrotoluene	9.904	165	18778	8.494	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	18778	6.391	ng	# 18
67) 4-Bromophenyl-phenylether	10.698	248	15831	5.196	ng	# 1
77) Benzidine	12.980	184	15777	3.200	ng	# 91

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

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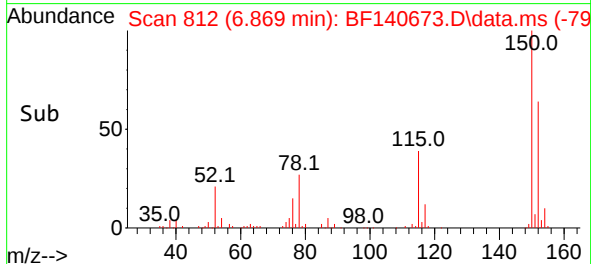
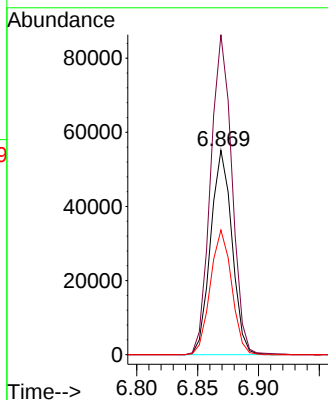
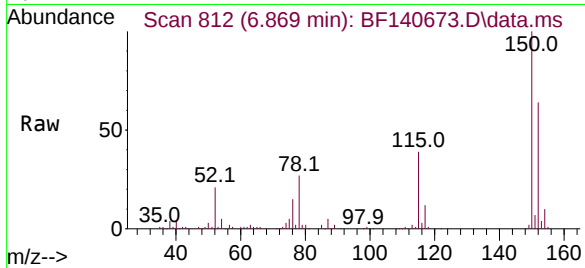




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

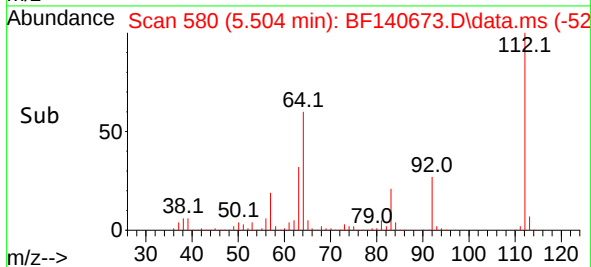
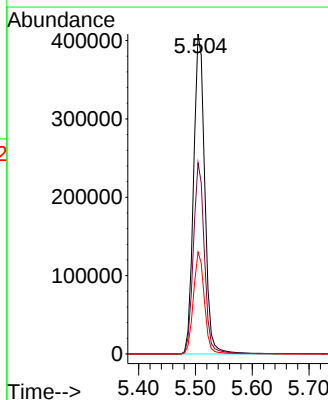
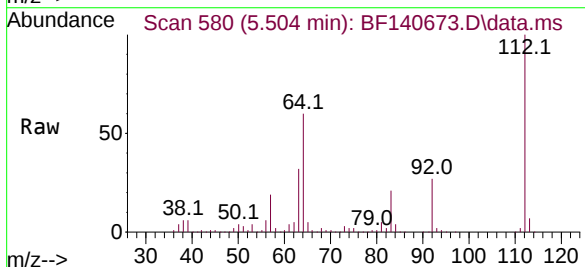
Instrument :
BNA_F
ClientSampleId :
MH-745

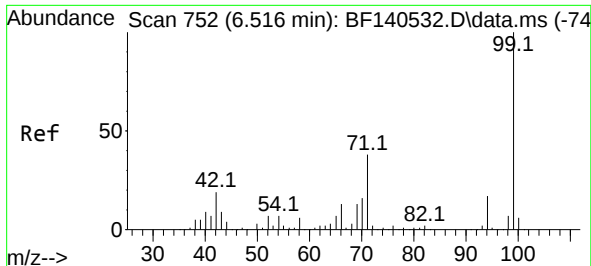
Tgt Ion:152 Resp: 67366
Ion Ratio Lower Upper
152 100
150 156.6 128.5 192.7
115 61.0 50.2 75.4



#5
2-Fluorophenol
Concen: 142.748 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

Tgt Ion:112 Resp: 563609
Ion Ratio Lower Upper
112 100
64 59.8 49.2 73.8
63 31.8 27.0 40.4

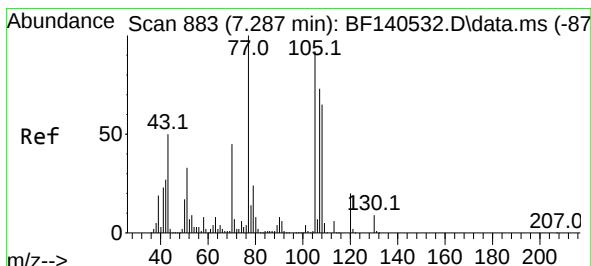
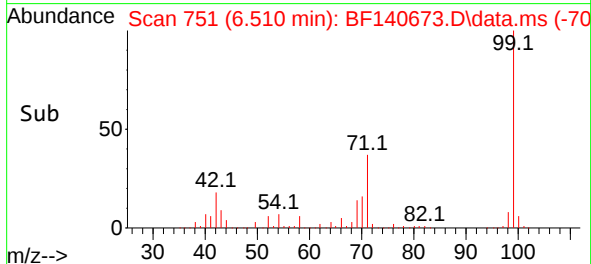
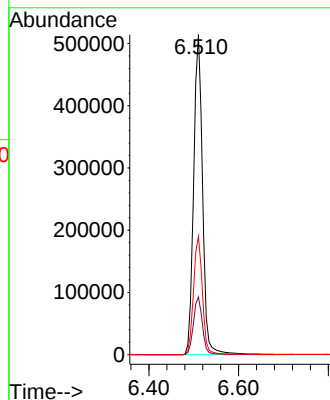
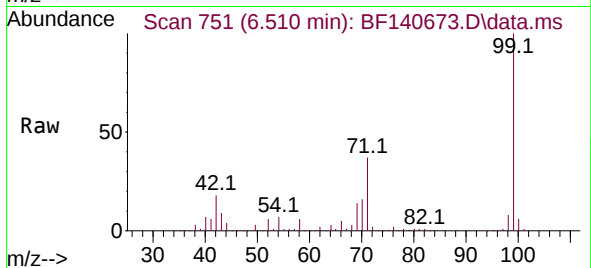




#7
Phenol-d6
Concen: 136.432 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

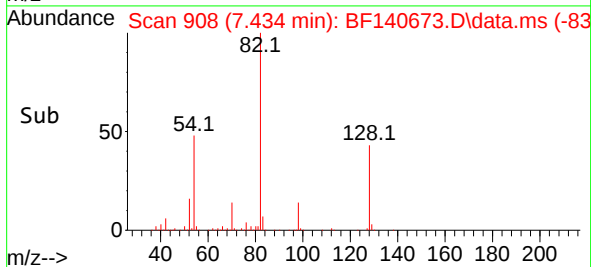
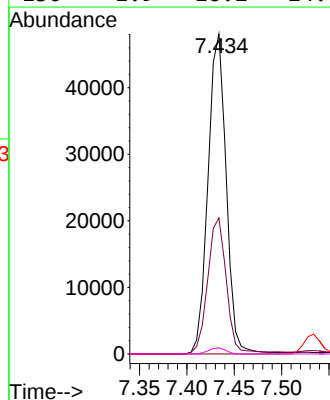
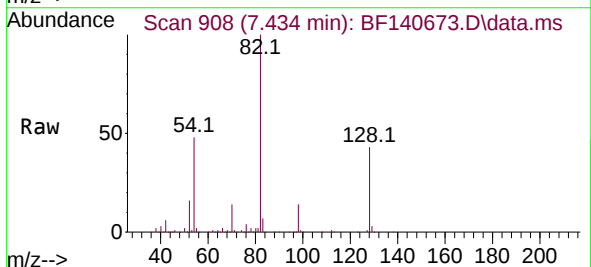
Instrument :
BNA_F
ClientSampleId :
MH-745

Tgt Ion: 99 Resp: 712137
Ion Ratio Lower Upper
99 100
42 18.0 15.4 23.0
71 36.9 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 20.840 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.147 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

Tgt Ion: 70 Resp: 64288
Ion Ratio Lower Upper
70 100
42 42.5 47.6 71.4#
101 0.0 7.6 11.4#
130 1.9 16.2 24.4#

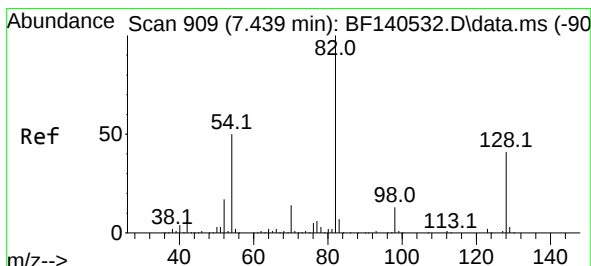
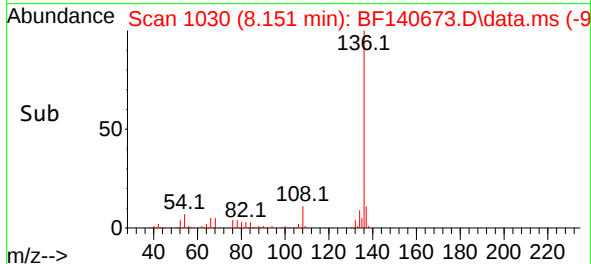
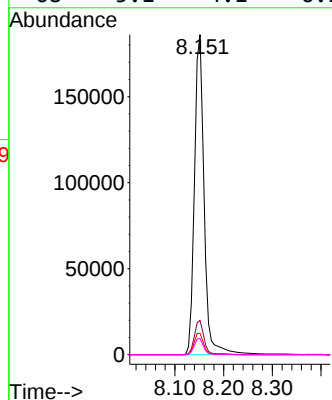
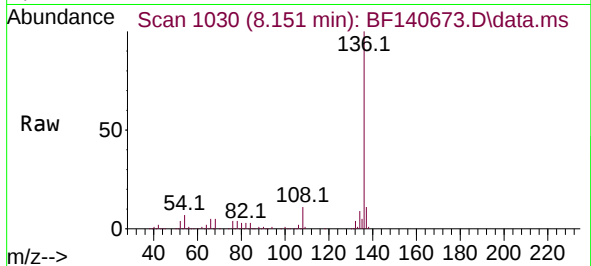




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

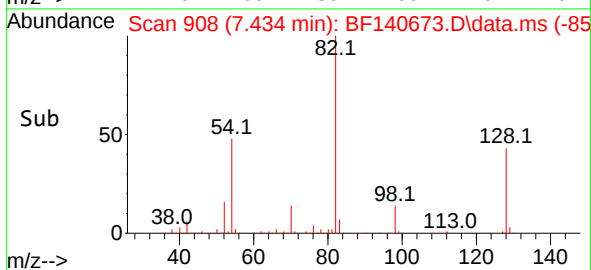
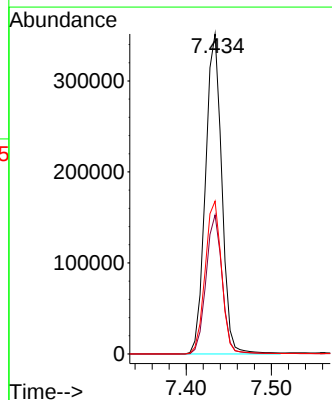
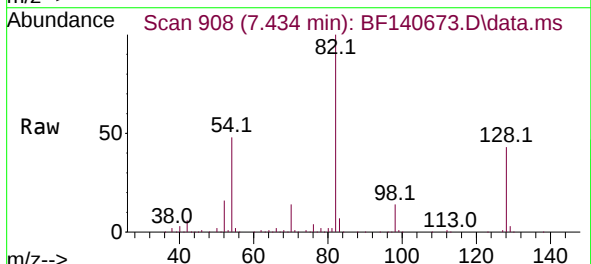
Instrument :
BNA_F
ClientSampleId :
MH-745

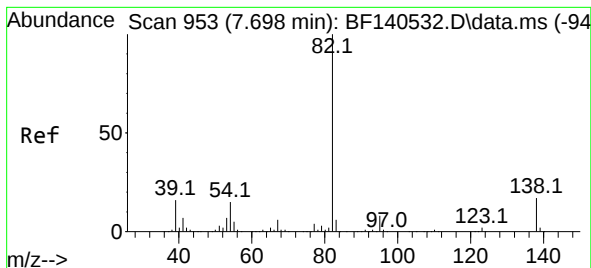
Tgt Ion:136	Resp: 259228
Ion Ratio	Lower Upper
136 100	
137 10.7	8.6 13.0
54 6.7	5.8 8.8
68 5.1	4.1 6.1



#23
Nitrobenzene-d5
Concen: 92.411 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

Tgt Ion: 82	Resp: 468335
Ion Ratio	Lower Upper
82 100	
128 43.4	33.0 49.4
54 47.7	39.5 59.3





#25

Isophorone

Concen: 54.516 ng

RT: 7.434 min Scan# 90

Delta R.T. -0.265 min

Lab File: BF140673.D

Acq: 27 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

MH-745

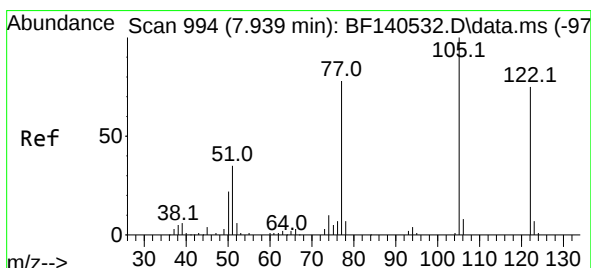
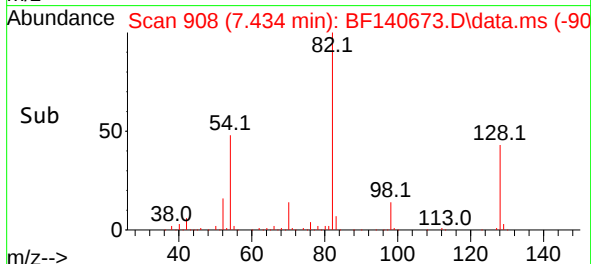
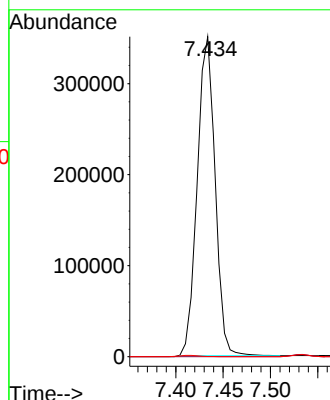
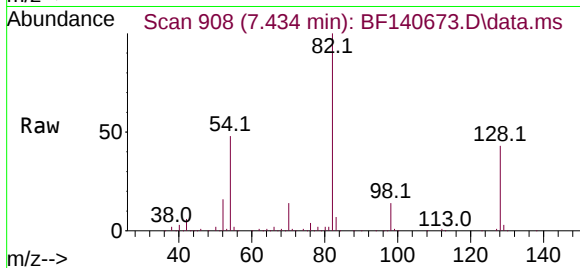
Tgt Ion: 82 Resp: 460825

Ion Ratio Lower Upper

82 100

95 0.0 6.4 9.6#

138 0.1 13.8 20.6#



#32

Benzoic acid

Concen: 7.878 ng

RT: 7.963 min Scan# 998

Delta R.T. 0.024 min

Lab File: BF140673.D

Acq: 27 Nov 2024 16:40

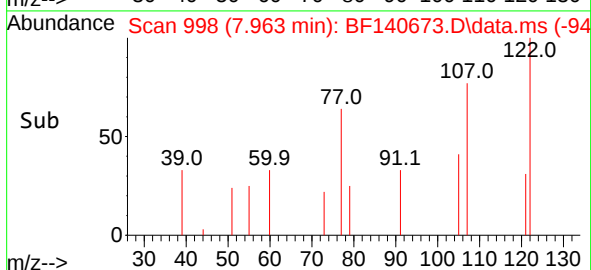
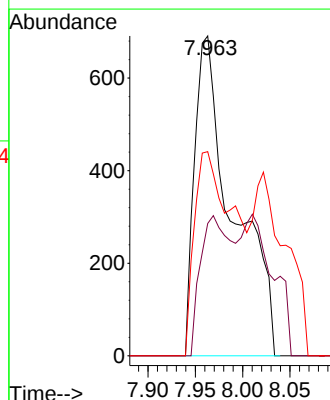
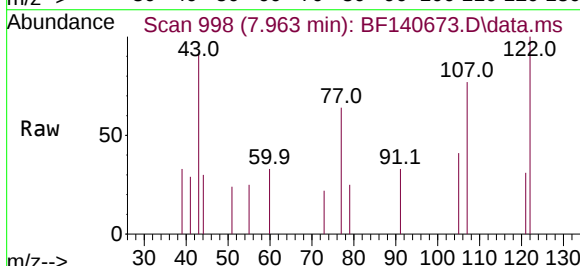
Tgt Ion: 122 Resp: 1951

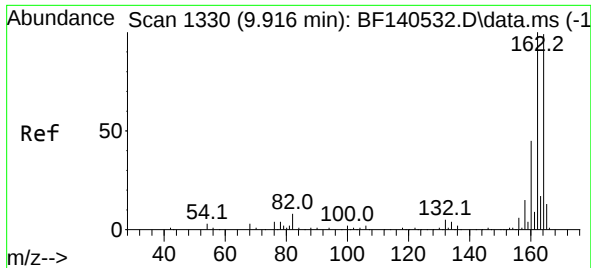
Ion Ratio Lower Upper

122 100

105 41.4 109.3 149.3#

77 63.8 82.3 122.3#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.904 min Scan# 1

Delta R.T. -0.012 min

Lab File: BF140673.D

Acq: 27 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

MH-745

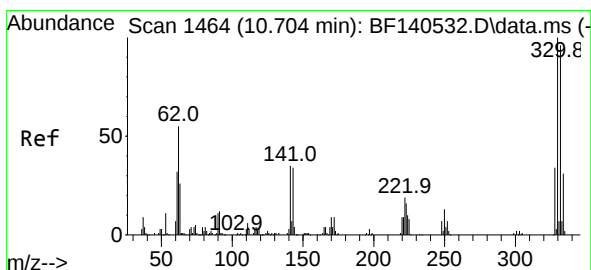
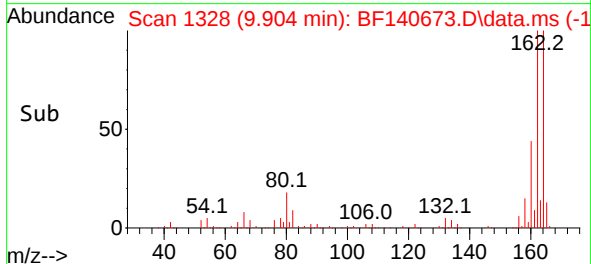
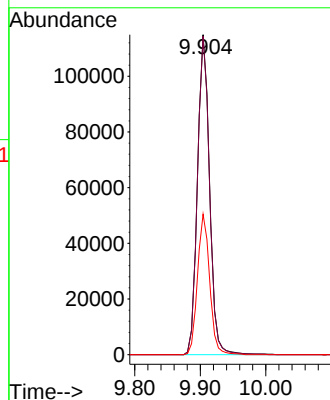
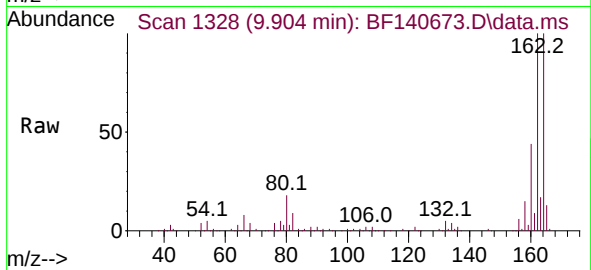
Tgt Ion:164 Resp: 148012

Ion Ratio Lower Upper

164 100

162 99.5 80.6 120.8

160 43.9 36.2 54.4



#42

2,4,6-Tribromophenol

Concen: 163.947 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.006 min

Lab File: BF140673.D

Acq: 27 Nov 2024 16:40

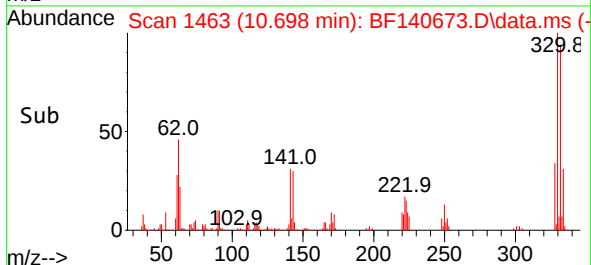
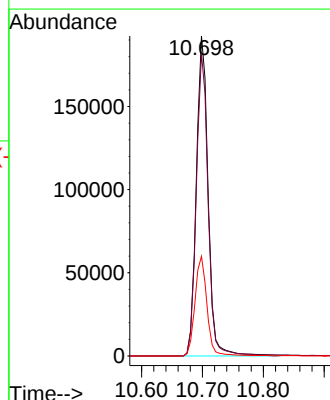
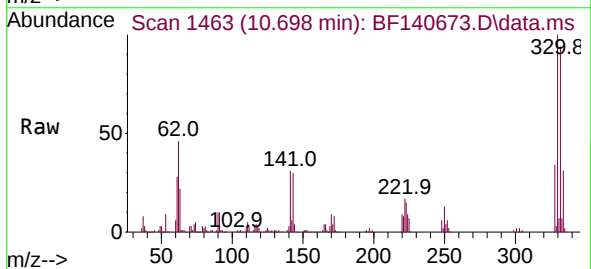
Tgt Ion:330 Resp: 259528

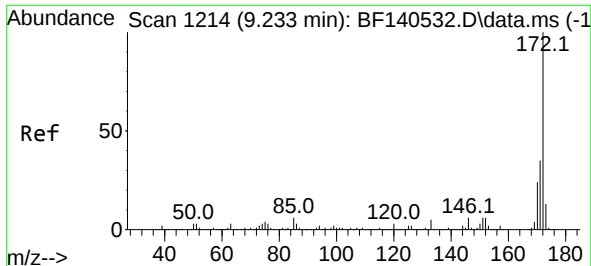
Ion Ratio Lower Upper

330 100

332 94.8 76.9 115.3

141 31.6 26.7 40.1

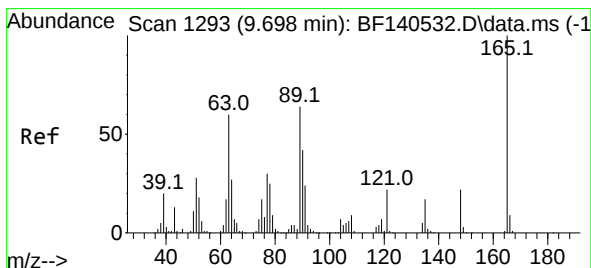
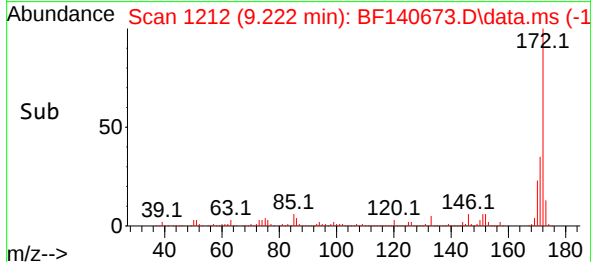
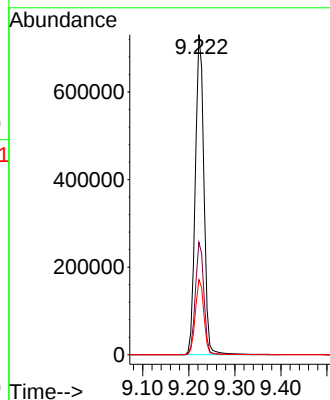
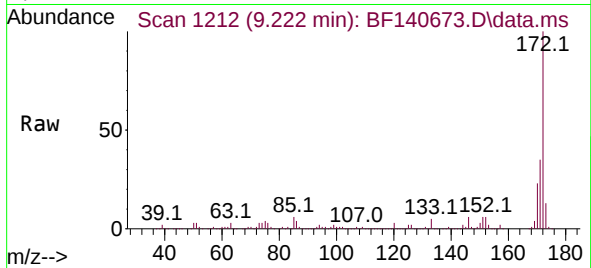




#45
2-Fluorobiphenyl
Concen: 95.246 ng
RT: 9.222 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

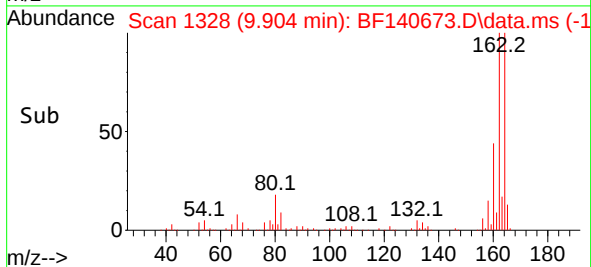
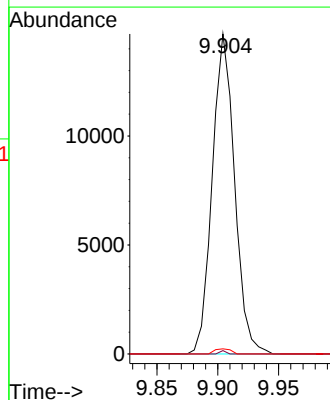
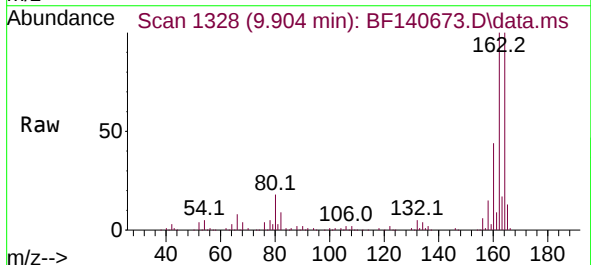
Instrument :
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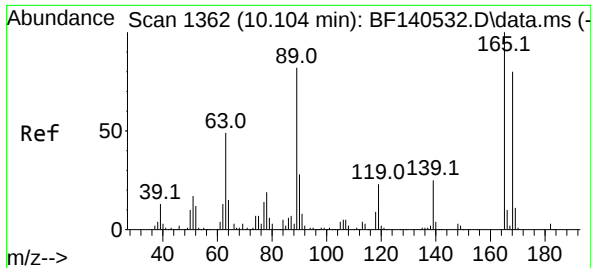
Tgt Ion:172 Resp: 946176
Ion Ratio Lower Upper
172 100
171 35.2 28.4 42.6
170 23.4 19.0 28.6



#51
2,6-Dinitrotoluene
Concen: 8.494 ng
RT: 9.904 min Scan# 1328
Delta R.T. 0.206 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

Tgt Ion:165 Resp: 18778
Ion Ratio Lower Upper
165 100
63 1.0 49.9 74.9#
89 1.6 50.9 76.3#

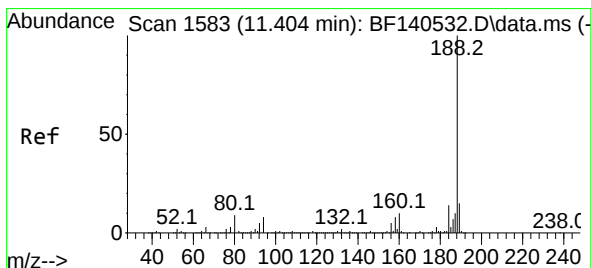
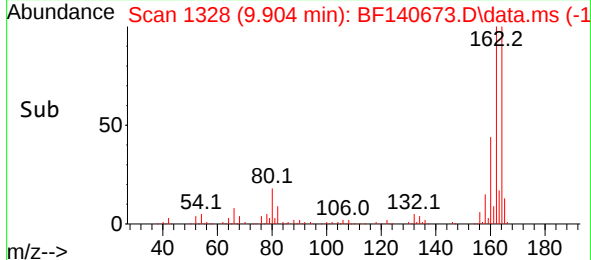
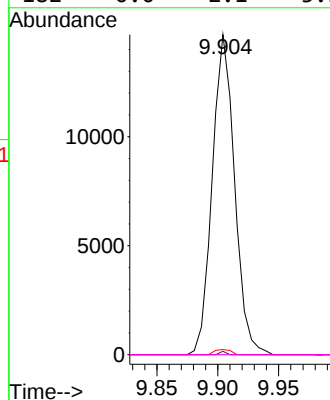
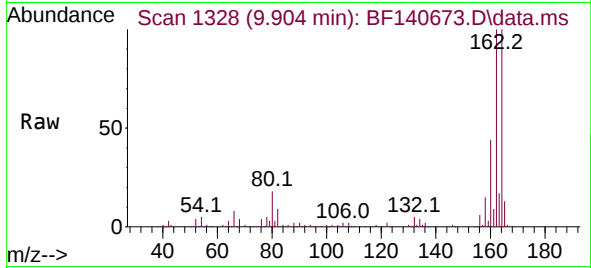




#57
2,4-Dinitrotoluene
Concen: 6.391 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

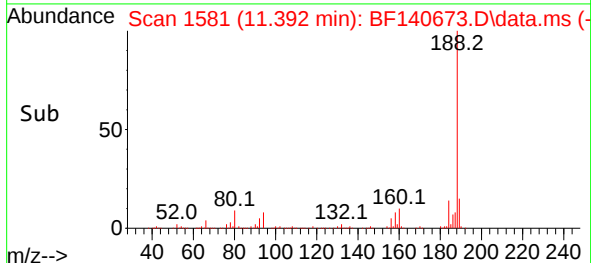
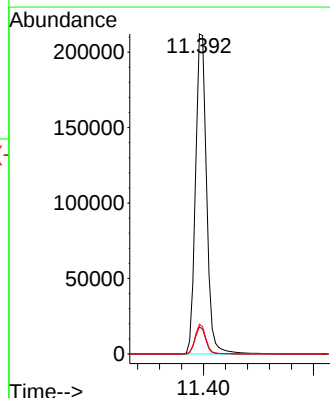
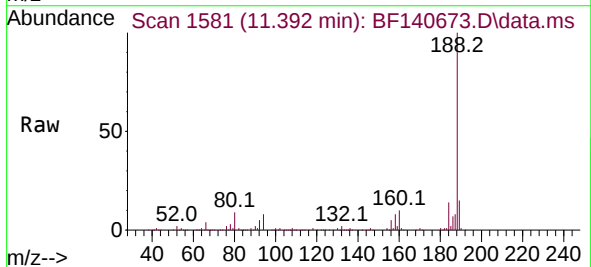
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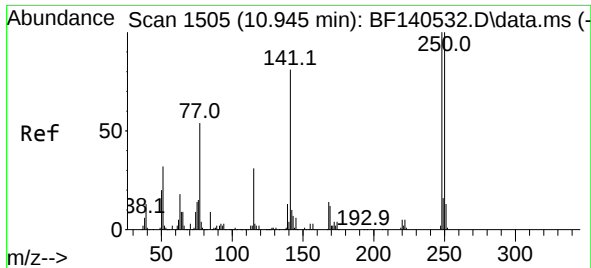
Tgt Ion:165 Resp: 18778
Ion Ratio Lower Upper
165 100
63 1.0 41.7 62.5#
89 1.6 65.8 98.8#
182 0.0 2.1 3.1#



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.392 min Scan# 1581
Delta R.T. -0.012 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

Tgt Ion:188 Resp: 295851
Ion Ratio Lower Upper
188 100
94 8.5 6.4 9.6
80 9.3 6.9 10.3

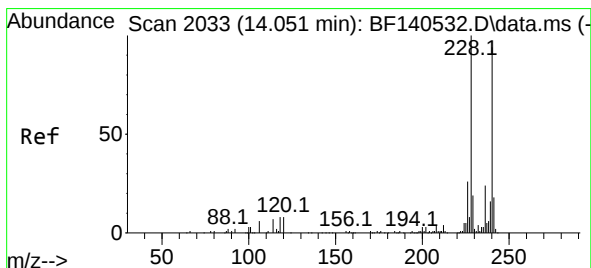
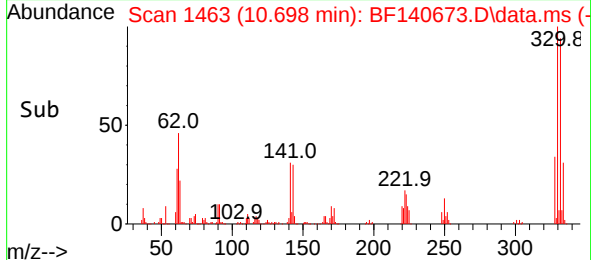
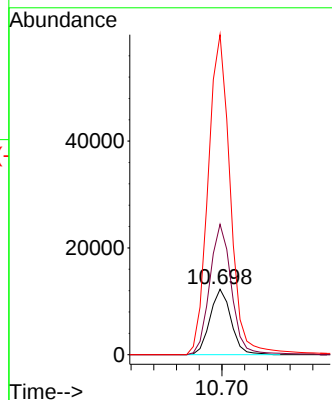
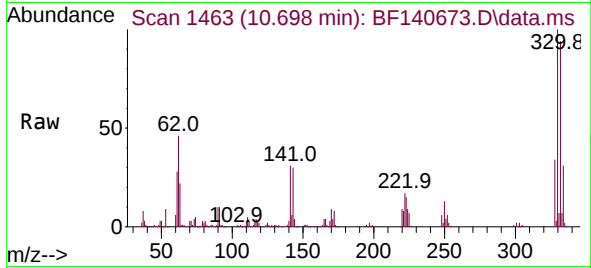




#67
4-Bromophenyl-phenylether
Concen: 5.196 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

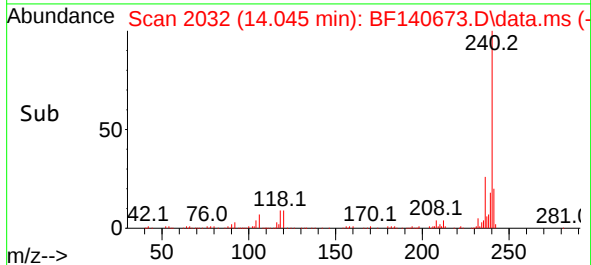
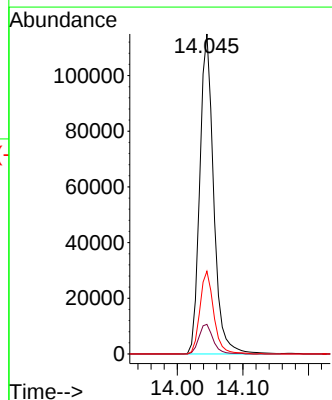
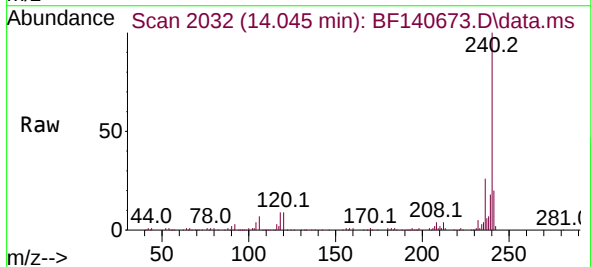
Instrument :
BNA_F
ClientSampleId :
MH-745

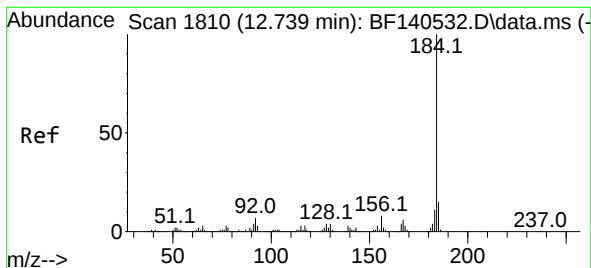
Tgt Ion:248 Resp: 15831
Ion Ratio Lower Upper
248 100
250 199.2 79.8 119.8#
141 488.9 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140673.D
Acq: 27 Nov 2024 16:40

Tgt Ion:240 Resp: 169558
Ion Ratio Lower Upper
240 100
120 9.3 7.3 10.9
236 25.9 20.6 31.0





#77

Benzidine

Concen: 3.200 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.241 min

Lab File: BF140673.D

Acq: 27 Nov 2024 16:40

Instrument :

BNA_F

ClientSampleId :

MH-745

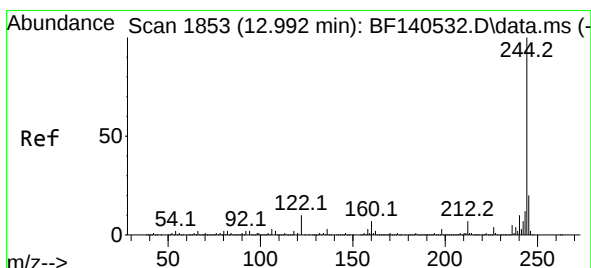
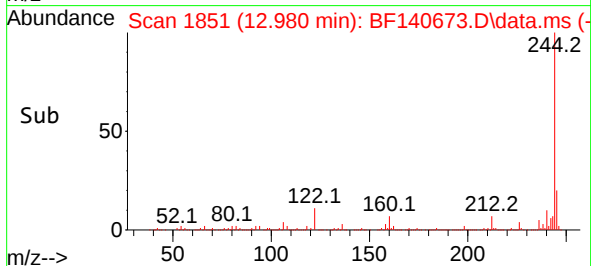
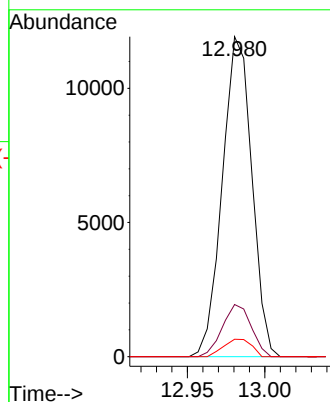
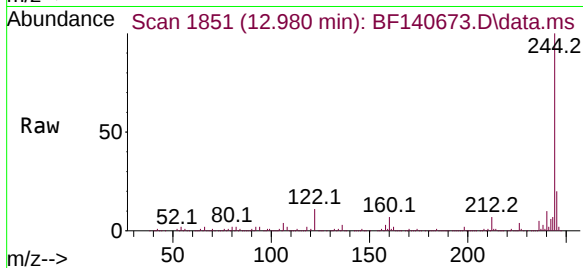
Tgt Ion:184 Resp: 15777

Ion Ratio Lower Upper

184 100

185 16.3 11.7 17.5

183 5.5 8.8 13.2#



#79

Terphenyl-d14

Concen: 103.748 ng

RT: 12.980 min Scan# 1851

Delta R.T. -0.012 min

Lab File: BF140673.D

Acq: 27 Nov 2024 16:40

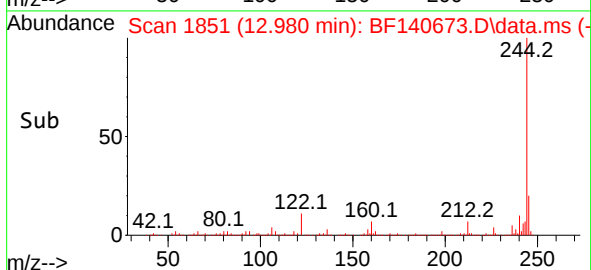
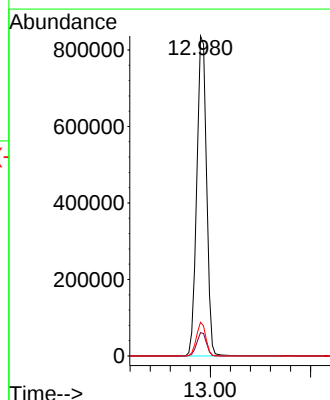
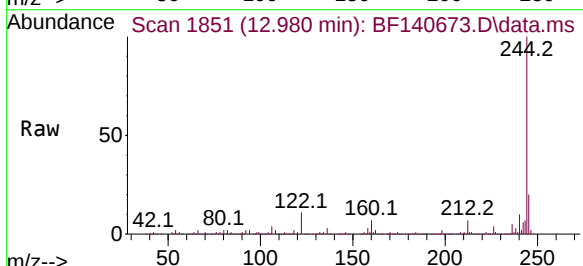
Tgt Ion:244 Resp: 1129722

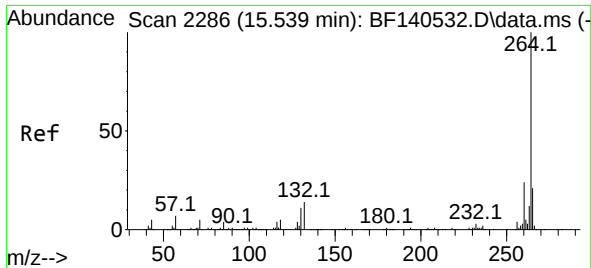
Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.8

122 10.6 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: BF140673.D
 Acq: 27 Nov 2024 16:40

Instrument :
 BNA_F
 ClientSampleId :
 MH-745

Tgt Ion:264 Resp: 127142
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.0 28.6
 265 21.5 16.6 25.0

