

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140575.D
 Acq On : 22 Nov 2024 14:13
 Operator : RC/JU
 Sample : P4938-01
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-732

Quant Time: Nov 22 14:35:20 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)

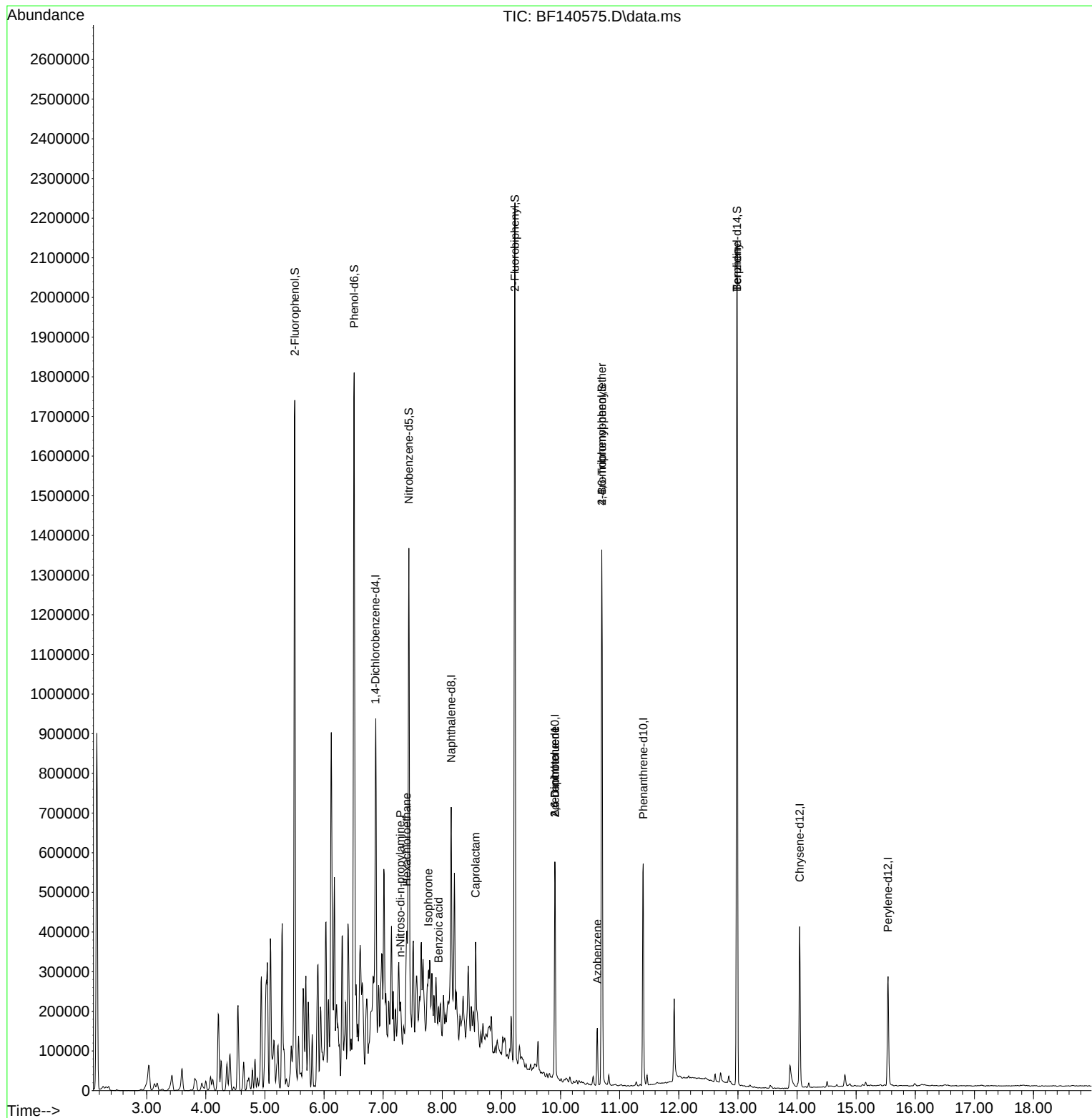
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	80091	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	301592	20.000	ng	# 0.00
39) Acenaphthene-d10	9.904	164	165815	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	307074	20.000	ng	0.00
76) Chrysene-d12	14.045	240	195805	20.000	ng	0.00
86) Perylene-d12	15.539	264	169036	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	652850	139.079	ng	0.00
7) Phenol-d6	6.510	99	841619	135.620	ng	0.00
23) Nitrobenzene-d5	7.434	82	540185	91.616	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	232747	131.243	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	971990	87.339	ng	0.00
79) Terphenyl-d14	12.986	244	1058764	84.198	ng	0.00
Target Compounds						
						Qvalue
18) Hexachloroethane	7.398	117	5760	2.684	ng	# 1
19) n-Nitroso-di-n-propyla...	7.293	70	7676	2.093	ng	# 66
25) Isophorone	7.763	82	39071	3.973	ng	# 51
32) Benzoic acid	7.940	122	1509	7.648	ng	# 1
35) Caprolactam	8.563	113	8837	6.669	ng	# 1
51) 2,6-Dinitrotoluene	9.904	165	21009	8.483	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	21009	6.383	ng	# 19
63) Azobenzene	10.622	77	38436	3.658	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	15104	4.776	ng	# 1
77) Benzidine	12.986	184	14747	2.590	ng	# 92

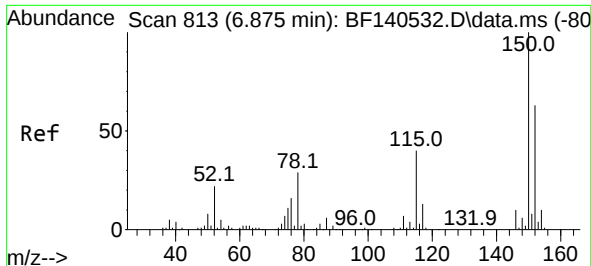
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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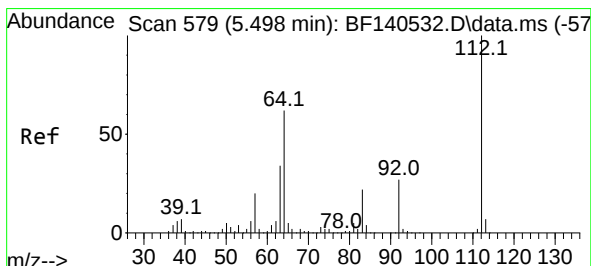
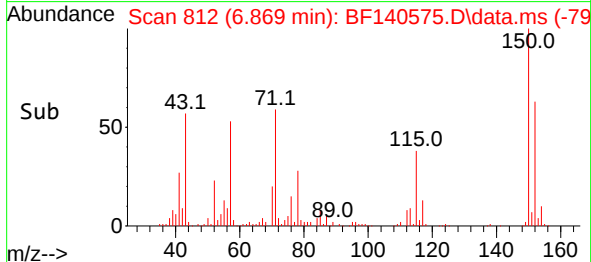
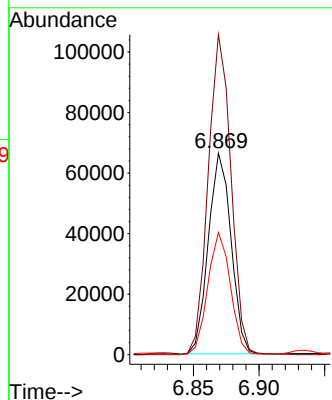
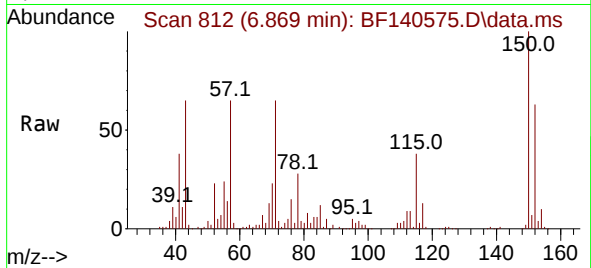




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

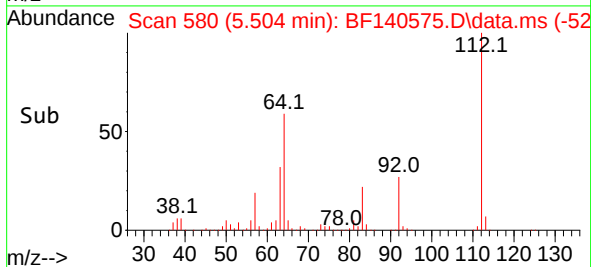
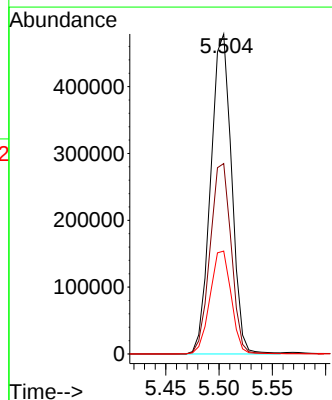
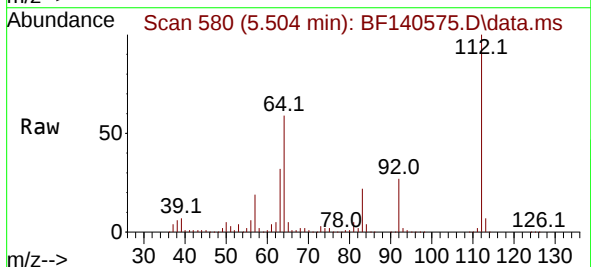
Instrument :
BNA_F
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MH-732

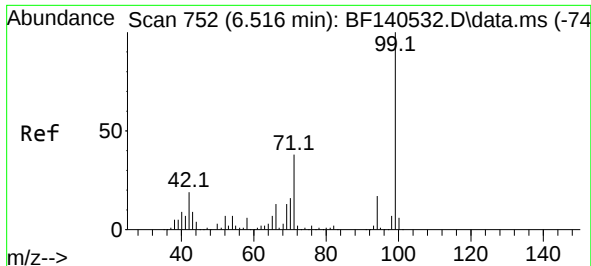
Tgt Ion:152 Resp: 80091
Ion Ratio Lower Upper
152 100
150 158.7 128.5 192.7
115 60.6 50.2 75.4



#5
2-Fluorophenol
Concen: 139.079 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.006 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

Tgt Ion:112 Resp: 652850
Ion Ratio Lower Upper
112 100
64 59.5 49.2 73.8
63 32.2 27.0 40.4

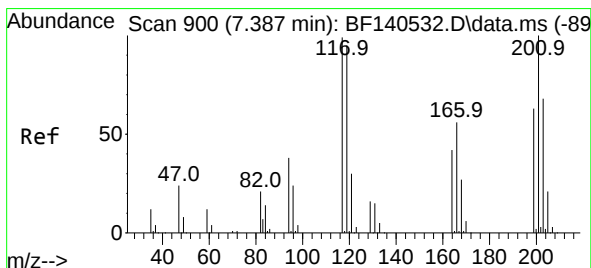
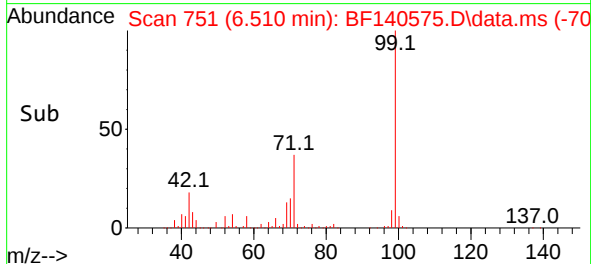
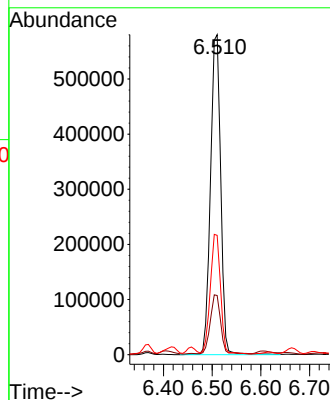
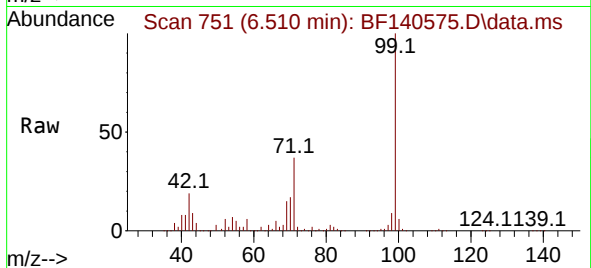




#7
Phenol-d6
Concen: 135.620 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

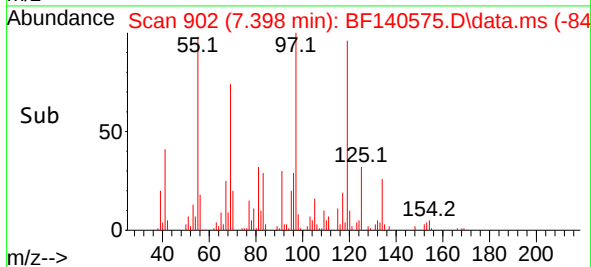
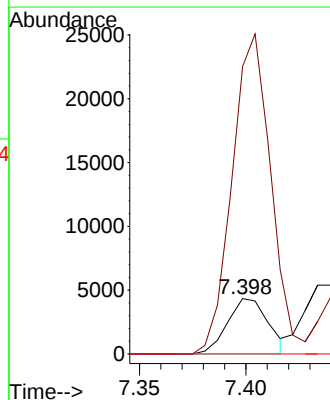
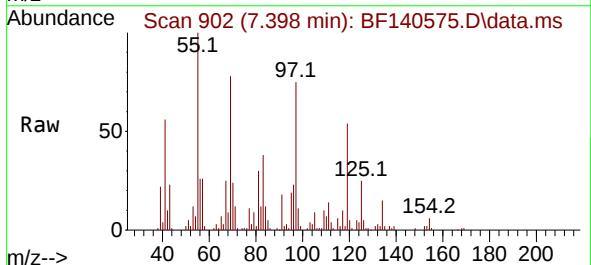
Instrument :
BNA_F
ClientSampleId :
MH-732

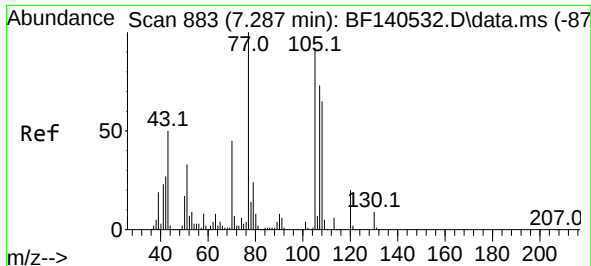
Tgt Ion: 99 Resp: 841619
Ion Ratio Lower Upper
99 100
42 18.5 15.4 23.0
71 37.3 30.6 46.0



#18
Hexachloroethane
Concen: 2.684 ng
RT: 7.398 min Scan# 902
Delta R.T. 0.012 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

Tgt Ion: 117 Resp: 5760
Ion Ratio Lower Upper
117 100
119 518.7 77.1 115.7#
201 0.0 81.1 121.7#

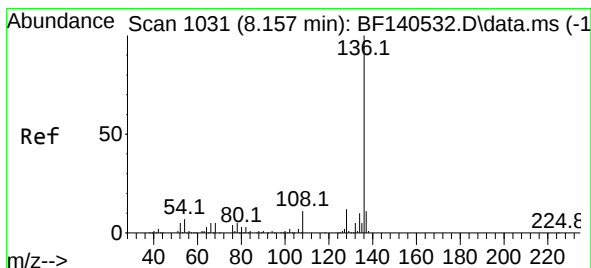
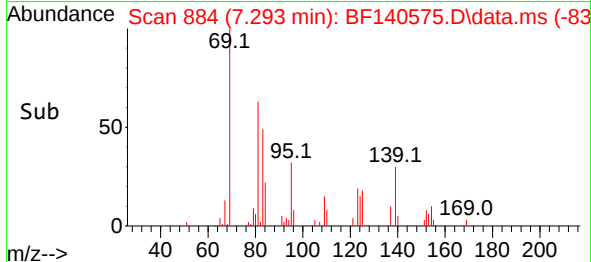
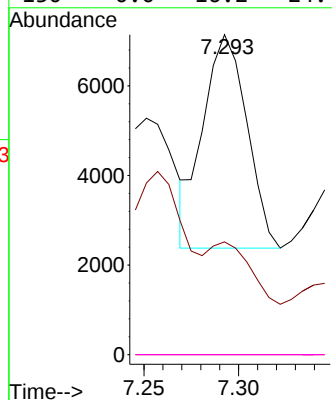
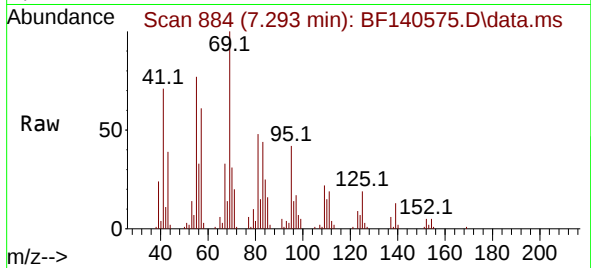




#19
n-Nitroso-di-n-propylamine
Concen: 2.093 ng
RT: 7.293 min Scan# 81
Delta R.T. 0.006 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

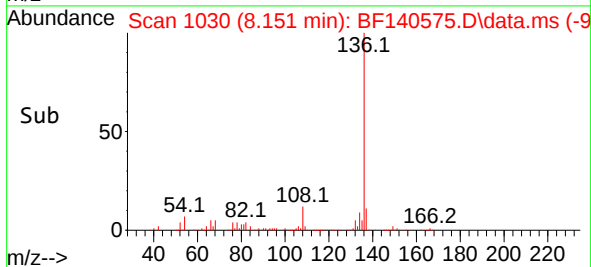
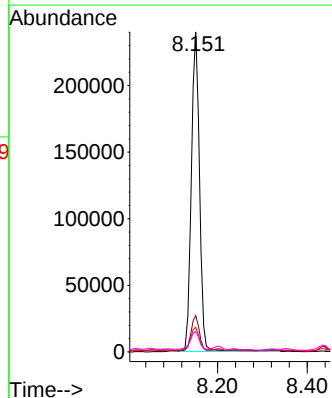
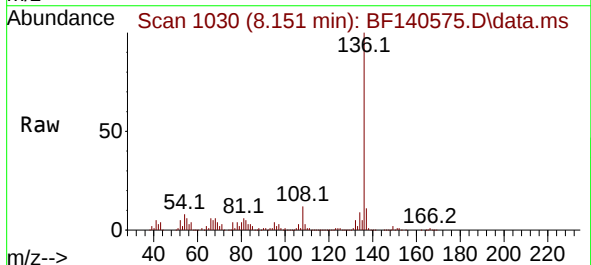
Instrument :
BNA_F
ClientSampleId :
MH-732

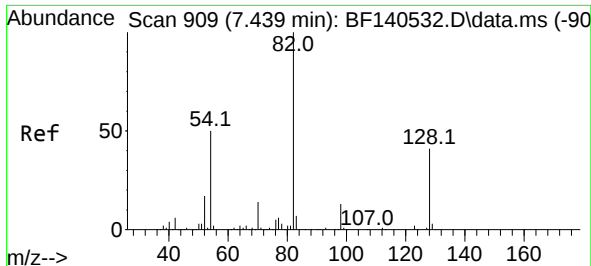
Tgt Ion:	70	Resp:	7676
Ion	Ratio	Lower	Upper
70	100		
42	35.3	47.6	71.4#
101	0.0	7.6	11.4#
130	0.0	16.2	24.4#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1030
Delta R.T. -0.006 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

Tgt Ion:	136	Resp:	301592
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	7.7	5.8	8.8
68	6.4	4.1	6.1#

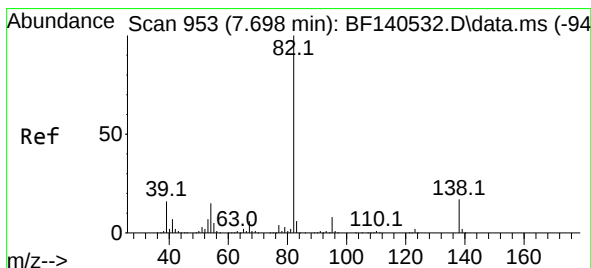
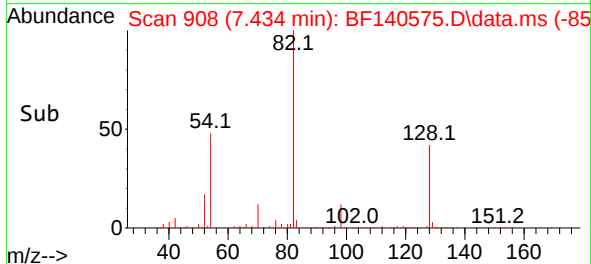
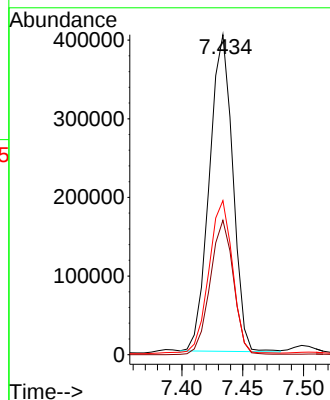
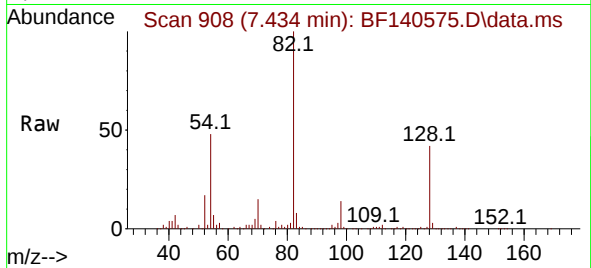




#23
Nitrobenzene-d5
Concen: 91.616 ng
RT: 7.434 min Scan# 909
Delta R.T. -0.006 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

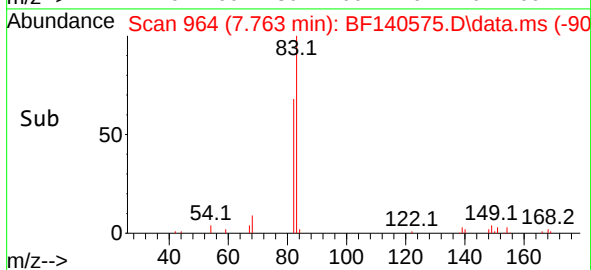
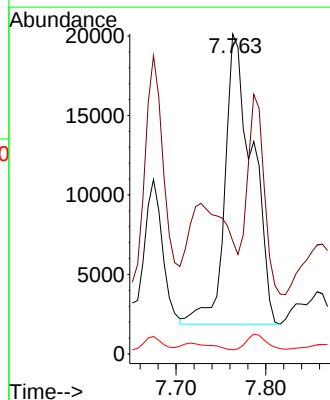
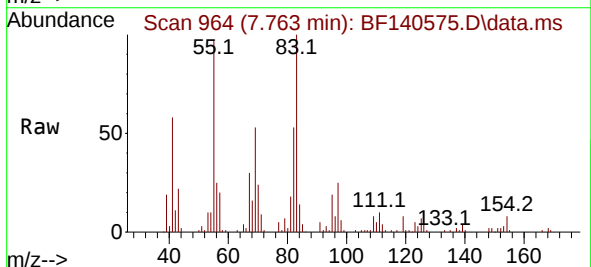
Instrument :
BNA_F
ClientSampleId :
MH-732

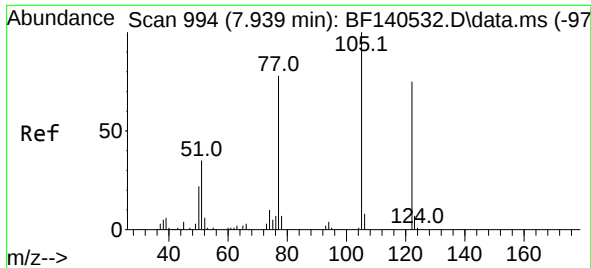
Tgt Ion: 82 Resp: 540185
Ion Ratio Lower Upper
82 100
128 42.0 33.0 49.4
54 48.1 39.5 59.3



#25
Isophorone
Concen: 3.973 ng
RT: 7.763 min Scan# 964
Delta R.T. 0.065 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

Tgt Ion: 82 Resp: 39071
Ion Ratio Lower Upper
82 100
95 35.3 6.4 9.6#
138 1.3 13.8 20.6#

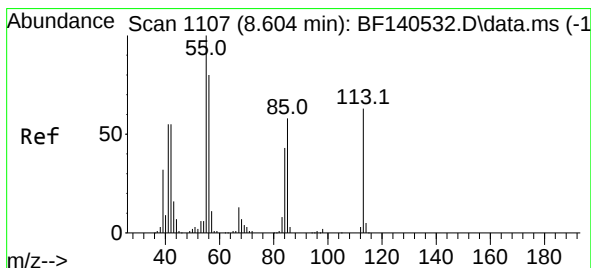
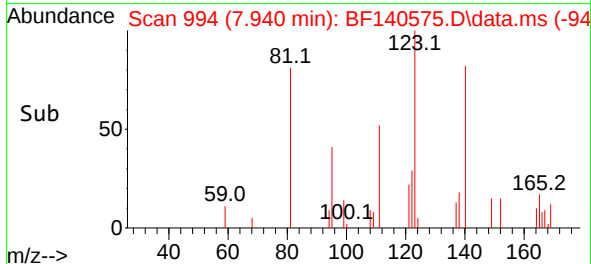
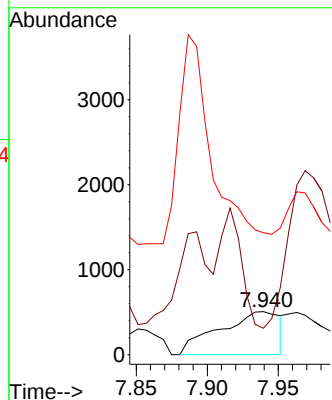
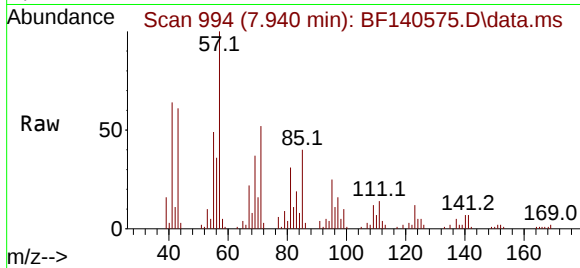




#32
Benzoic acid
Concen: 7.648 ng
RT: 7.940 min Scan# 994
Delta R.T. 0.001 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

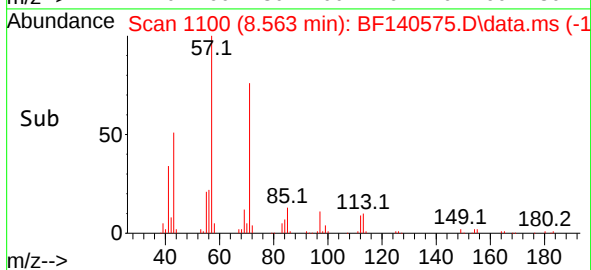
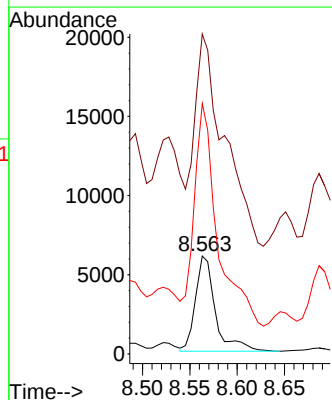
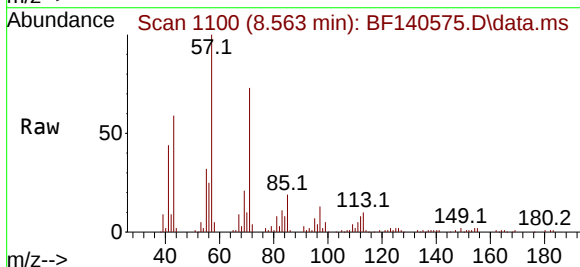
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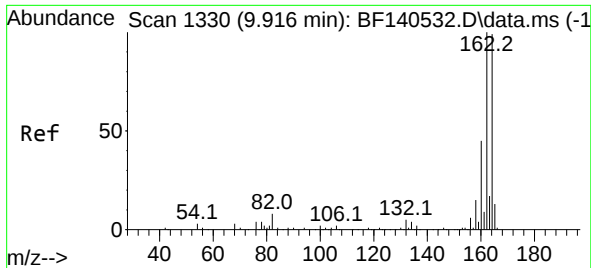
Tgt Ion:122 Resp: 1509
Ion Ratio Lower Upper
122 100
105 61.1 109.3 149.3#
77 283.0 82.3 122.3#



#35
Caprolactam
Concen: 6.669 ng
RT: 8.563 min Scan# 1100
Delta R.T. -0.041 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

Tgt Ion:113 Resp: 8837
Ion Ratio Lower Upper
113 100
55 326.9 137.7 177.7#
56 255.9 106.4 146.4#

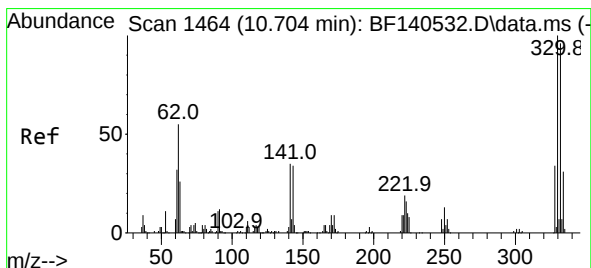
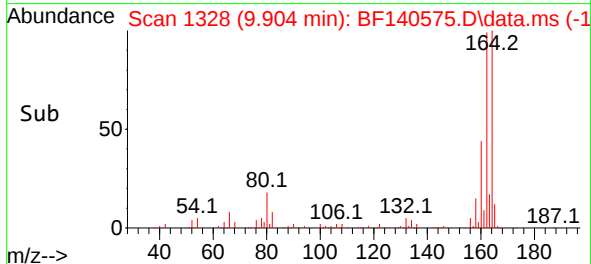
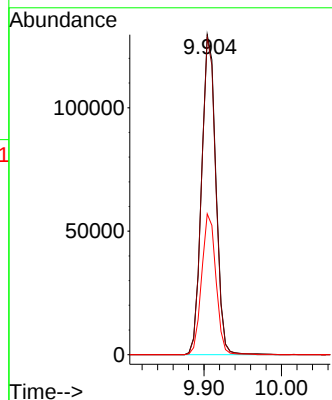
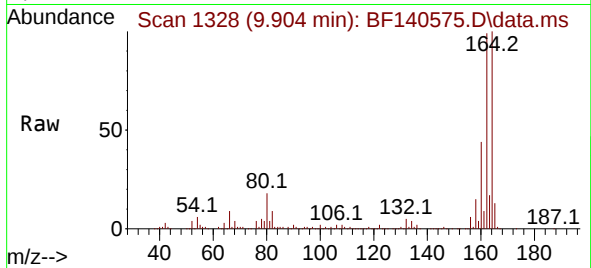




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1
Delta R.T. -0.012 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

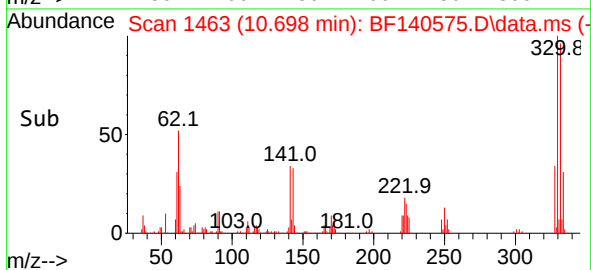
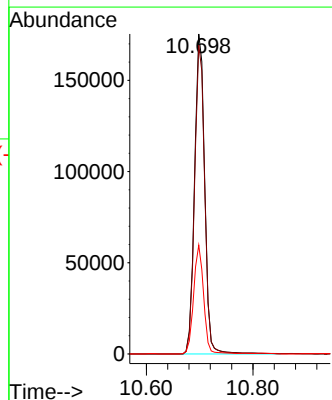
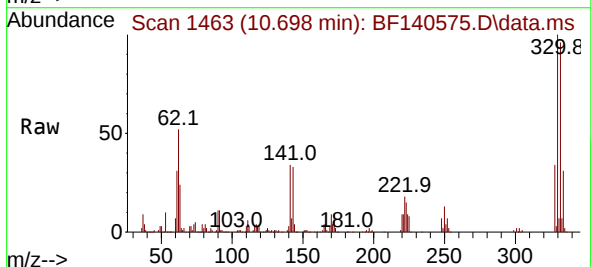
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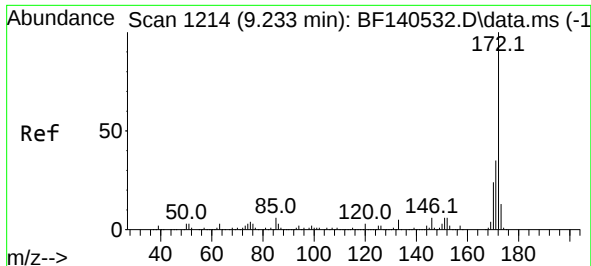
Tgt Ion:164 Resp: 165815
Ion Ratio Lower Upper
164 100
162 99.2 80.6 120.8
160 44.0 36.2 54.4



#42
2,4,6-Tribromophenol
Concen: 131.243 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

Tgt Ion:330 Resp: 232747
Ion Ratio Lower Upper
330 100
332 96.3 76.9 115.3
141 33.5 26.7 40.1





#45

2-Fluorobiphenyl

Concen: 87.339 ng

RT: 9.228 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140575.D

Acq: 22 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

MH-732

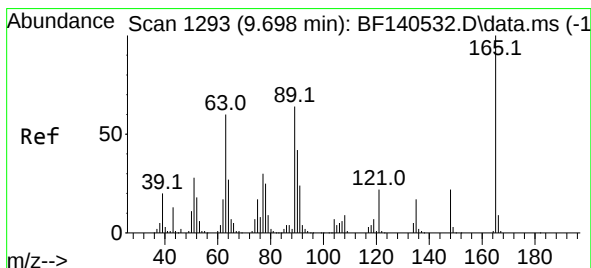
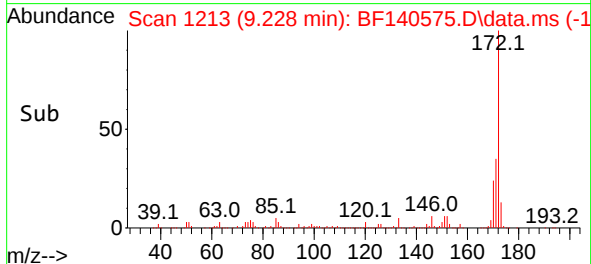
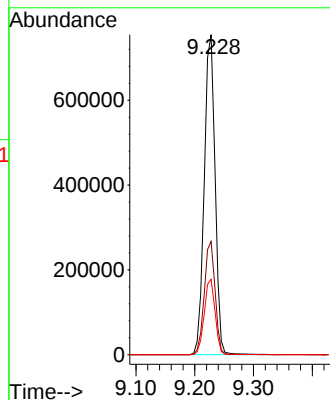
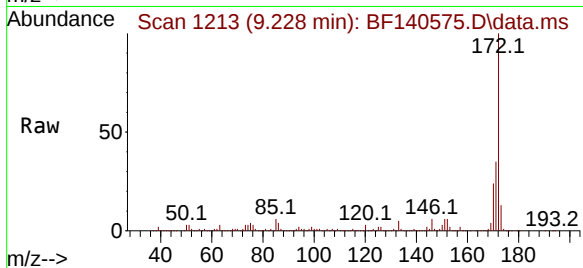
Tgt Ion:172 Resp: 971990

Ion Ratio Lower Upper

172 100

171 35.4 28.4 42.6

170 23.5 19.0 28.6



#51

2,6-Dinitrotoluene

Concen: 8.483 ng

RT: 9.904 min Scan# 1328

Delta R.T. 0.206 min

Lab File: BF140575.D

Acq: 22 Nov 2024 14:13

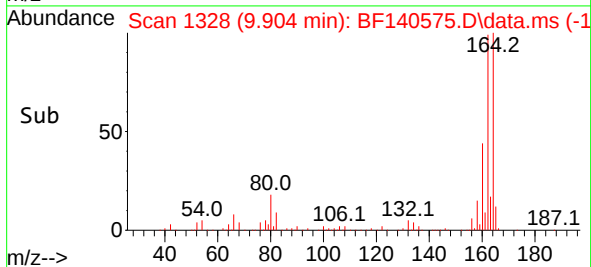
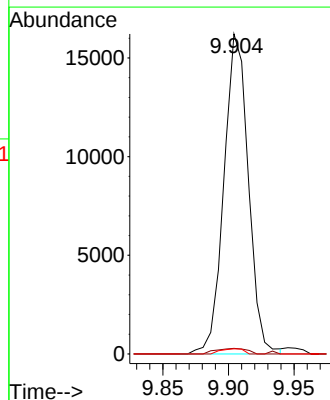
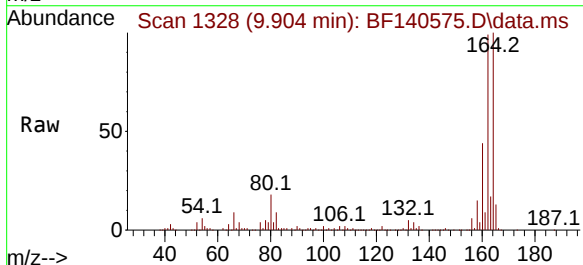
Tgt Ion:165 Resp: 21009

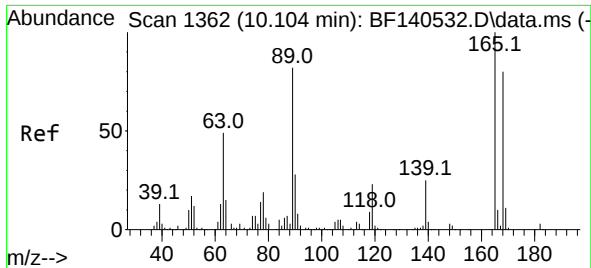
Ion Ratio Lower Upper

165 100

63 1.7 49.9 74.9#

89 1.6 50.9 76.3#

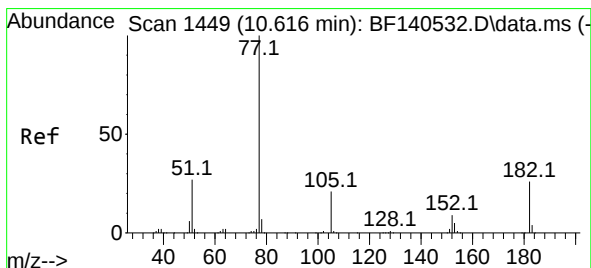
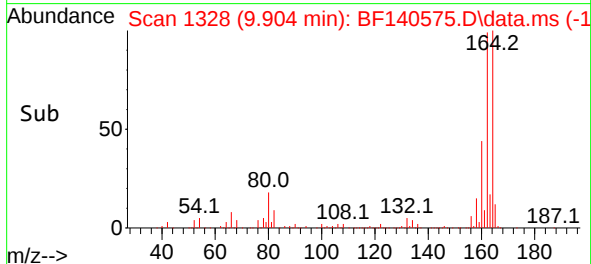
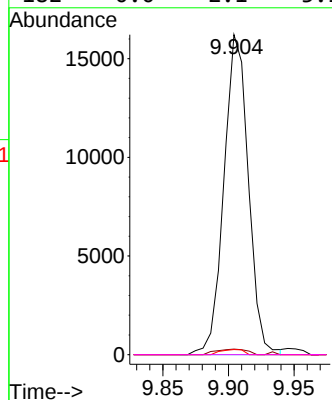
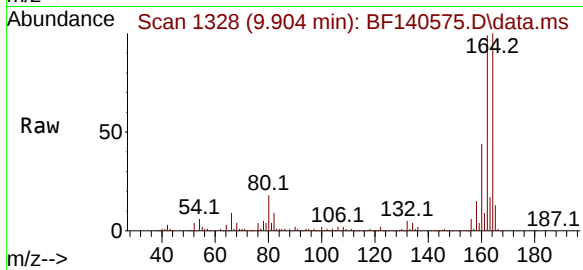




#57
2,4-Dinitrotoluene
Concen: 6.383 ng
RT: 9.904 min Scan# 11
Delta R.T. -0.200 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

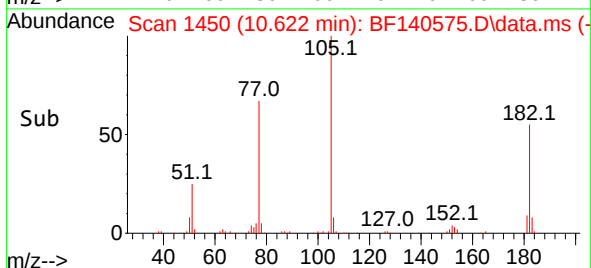
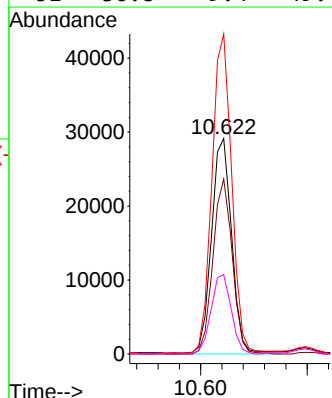
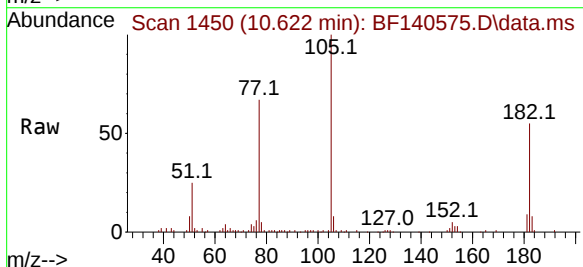
Instrument :
BNA_F
ClientSampleId :
MH-732

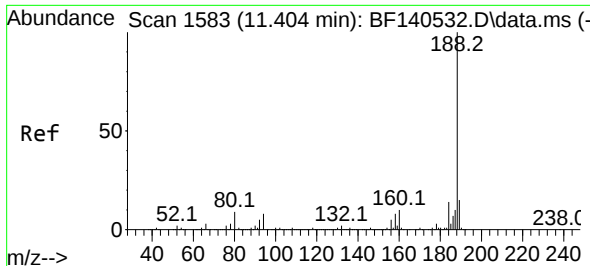
Tgt Ion:165 Resp: 21009
Ion Ratio Lower Upper
165 100
63 1.7 41.7 62.5#
89 1.6 65.8 98.8#
182 0.0 2.1 3.1#



#63
Azobenzene
Concen: 3.658 ng
RT: 10.622 min Scan# 1450
Delta R.T. 0.006 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

Tgt Ion: 77 Resp: 38436
Ion Ratio Lower Upper
77 100
182 81.1 5.3 45.3#
105 148.5 0.3 40.3#
51 36.8 9.4 49.4

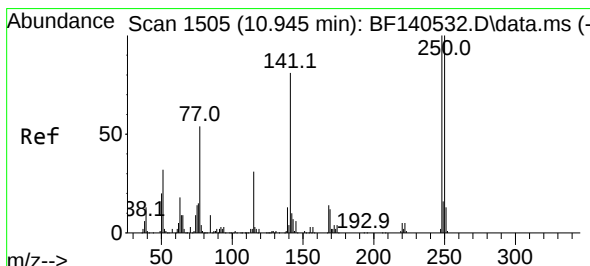
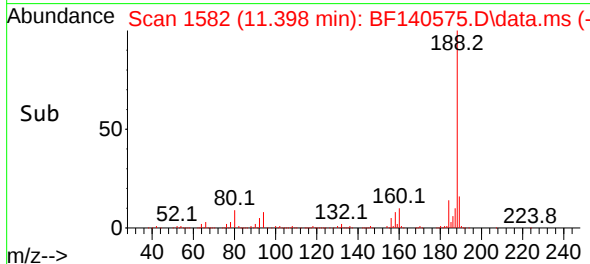
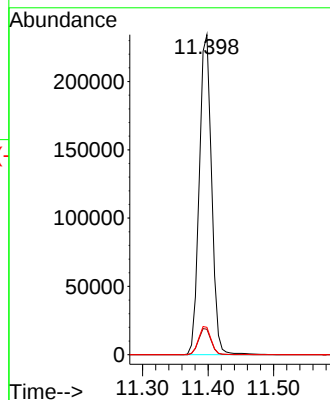
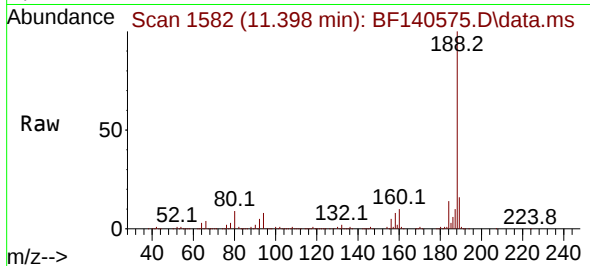




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

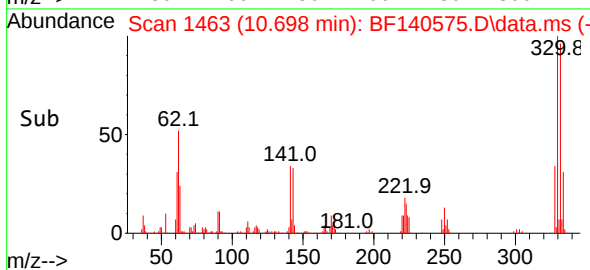
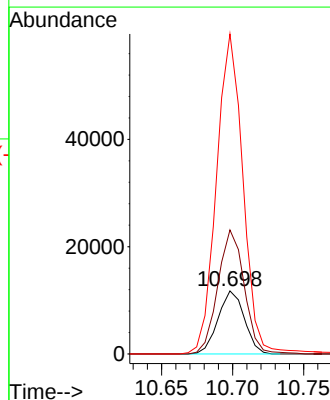
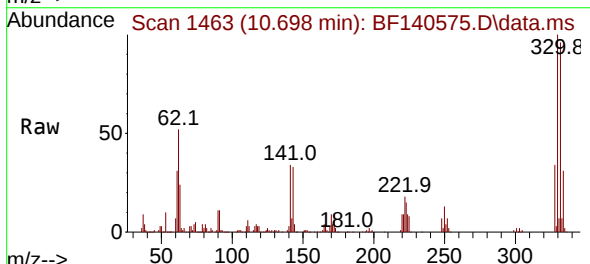
Instrument :
BNA_F
ClientSampleId :
MH-732

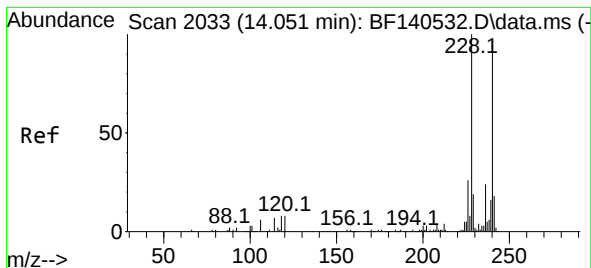
Tgt Ion:188 Resp: 307074
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 8.5 6.9 10.3



#67
4-Bromophenyl-phenylether
Concen: 4.776 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140575.D
Acq: 22 Nov 2024 14:13

Tgt Ion:248 Resp: 15104
Ion Ratio Lower Upper
248 100
250 197.0 79.8 119.8#
141 508.1 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: BF140575.D

Acq: 22 Nov 2024 14:13

Instrument :

BNA_F

ClientSampleId :

MH-732

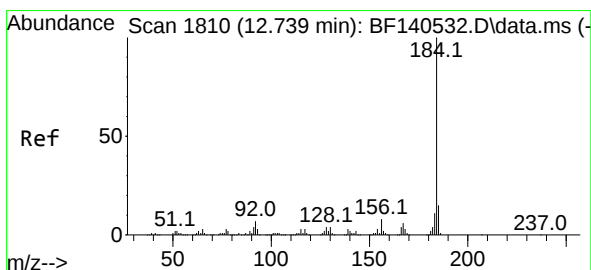
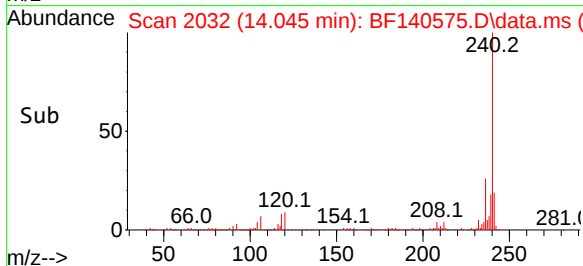
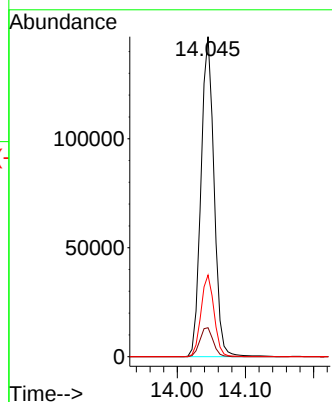
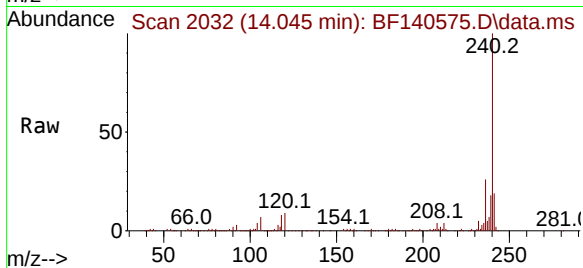
Tgt Ion:240 Resp: 195805

Ion Ratio Lower Upper

240 100

120 9.1 7.3 10.9

236 25.5 20.6 31.0



#77

Benzidine

Concen: 2.590 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.247 min

Lab File: BF140575.D

Acq: 22 Nov 2024 14:13

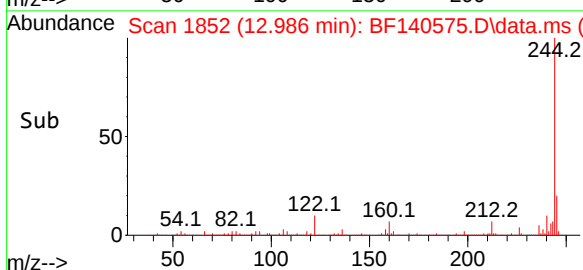
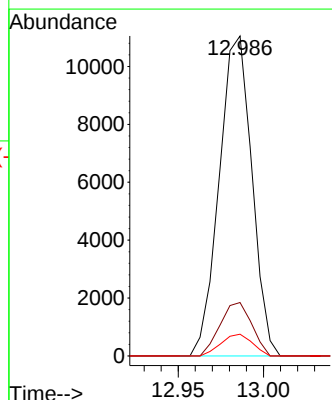
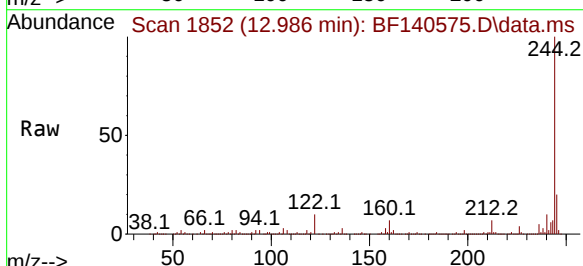
Tgt Ion:184 Resp: 14747

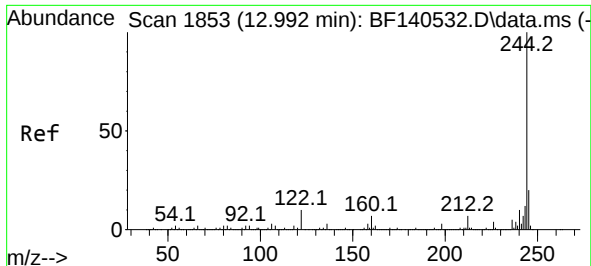
Ion Ratio Lower Upper

184 100

185 16.7 11.7 17.5

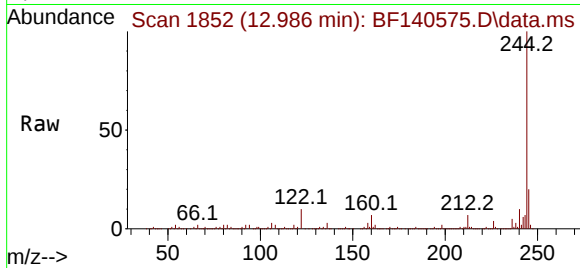
183 6.8 8.8 13.2#



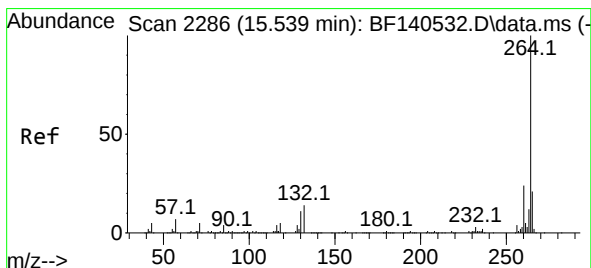
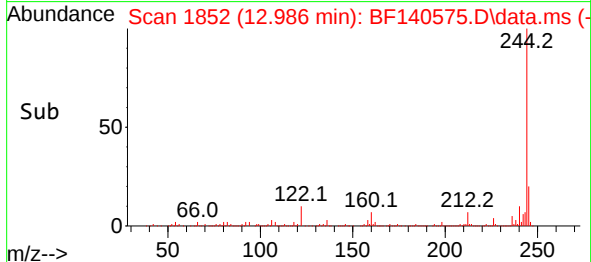
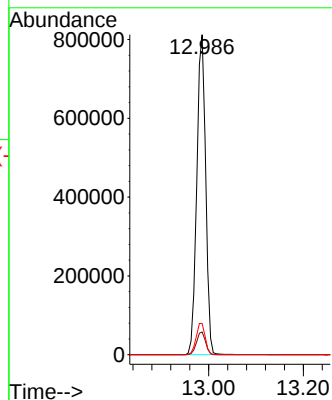


#79
 Terphenyl-d14
 Concen: 84.198 ng
 RT: 12.986 min Scan# 1852
 Delta R.T. -0.006 min
 Lab File: BF140575.D
 Acq: 22 Nov 2024 14:13

Instrument :
 BNA_F
 ClientSampleId :
 MH-732



Tgt Ion:244 Resp: 1058764
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.8
 122 9.8 8.0 12.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 2286
 Delta R.T. 0.000 min
 Lab File: BF140575.D
 Acq: 22 Nov 2024 14:13

Tgt Ion:264 Resp: 169036
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.0 28.6
 265 21.4 16.6 25.0

