

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF112224\
 Data File : BF140580.D
 Acq On : 22 Nov 2024 16:24
 Operator : RC/JU
 Sample : P4924-01RE
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 MH-4

Quant Time: Nov 22 17:03:39 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)

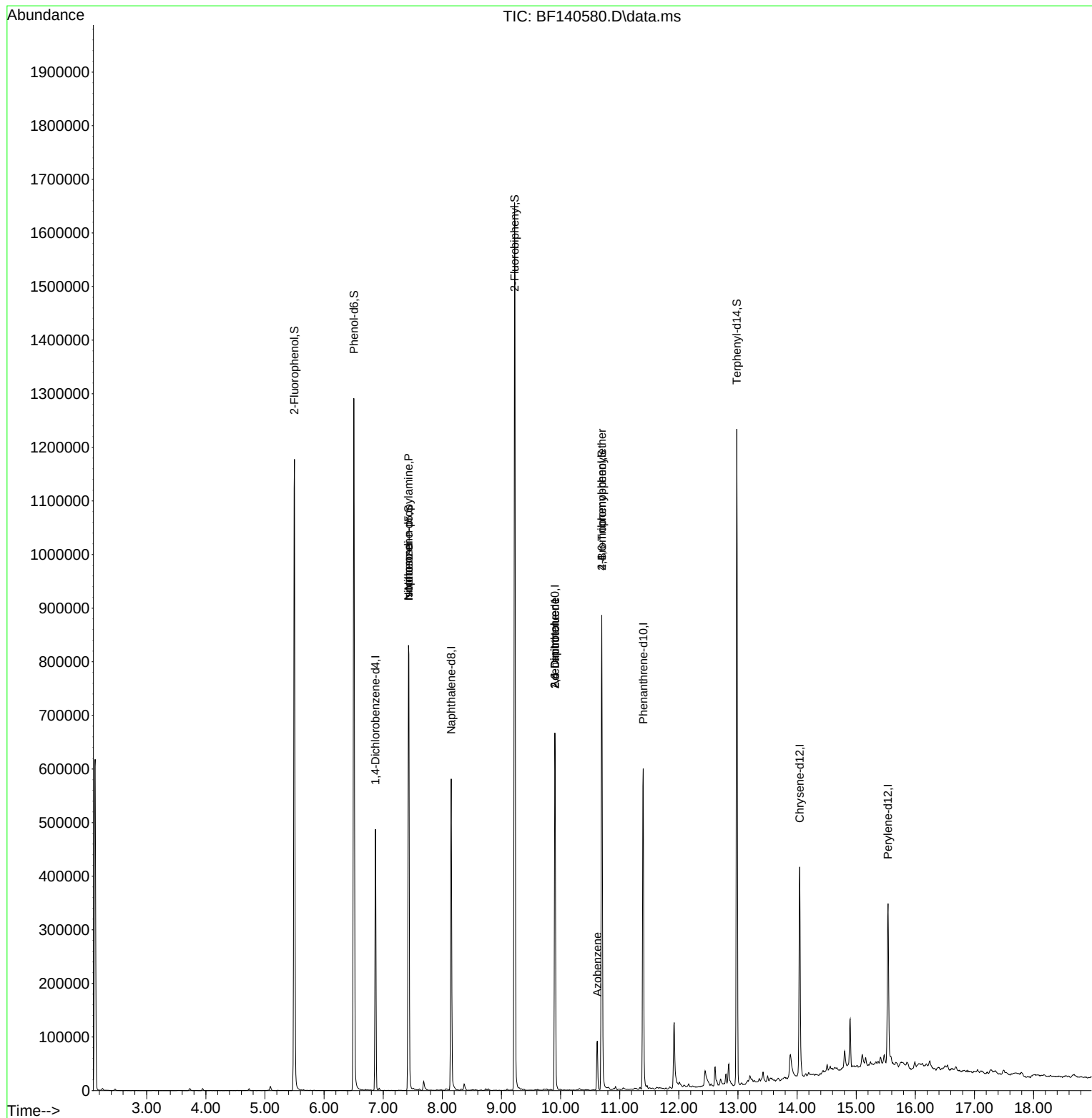
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	101269	20.000	ng	0.00
21) Naphthalene-d8	8.151	136	371620	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	204240	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	333640	20.000	ng	0.00
76) Chrysene-d12	14.045	240	181651	20.000	ng	0.00
86) Perylene-d12	15.539	264	176199	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	450247	75.859	ng	0.00
7) Phenol-d6	6.504	99	607036	77.363	ng	-0.01
23) Nitrobenzene-d5	7.428	82	396997	54.643	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	153296	70.179	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	747020	54.496	ng	-0.01
79) Terphenyl-d14	12.980	244	583829	50.046	ng	-0.01
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	52996	11.428	ng	# 77
25) Isophorone	7.428	82	393102	32.440	ng	# 66
51) 2,6-Dinitrotoluene	9.904	165	26575	8.711	ng	# 21
57) 2,4-Dinitrotoluene	9.904	165	26575	6.555	ng	# 18
63) Azobenzene	10.622	77	26882	2.077	ng	# 1
67) 4-Bromophenyl-phenylether	10.698	248	10269	2.989	ng	# 1

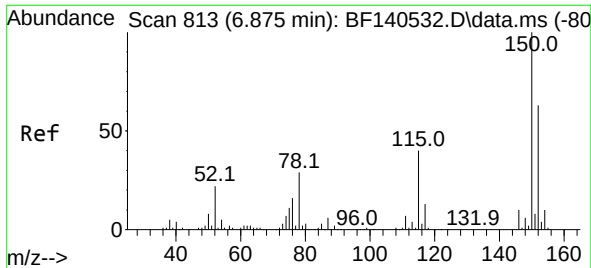
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Thu Nov 21 15:23:48 2024
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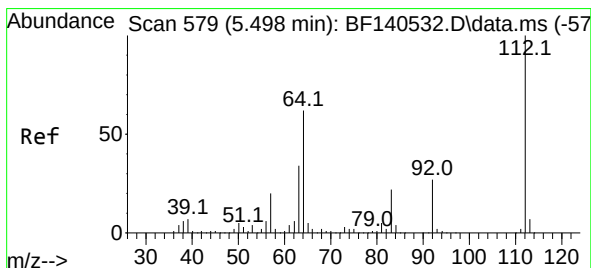
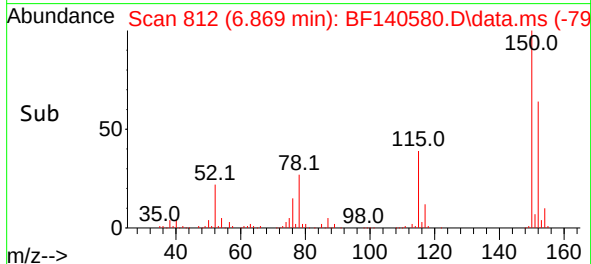
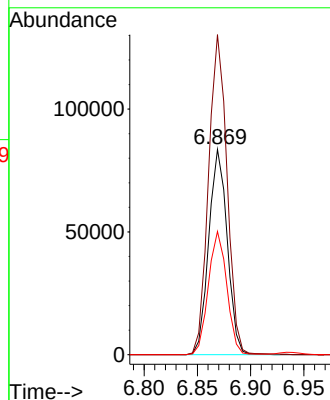
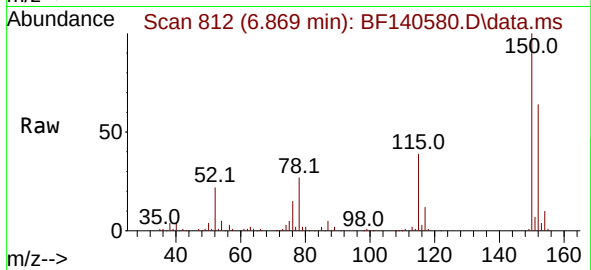




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

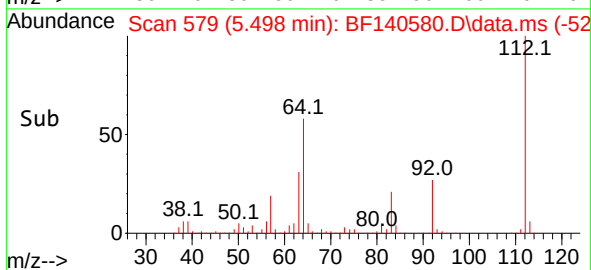
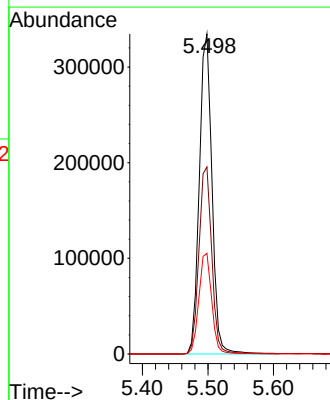
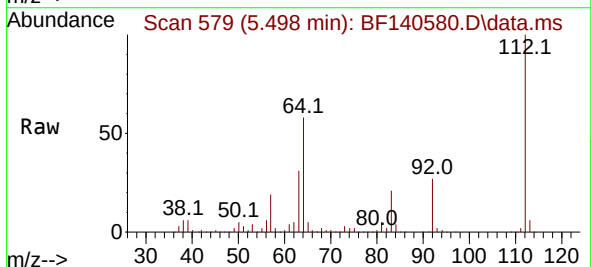
Instrument :
BNA_F
ClientSampleId :
MH-4

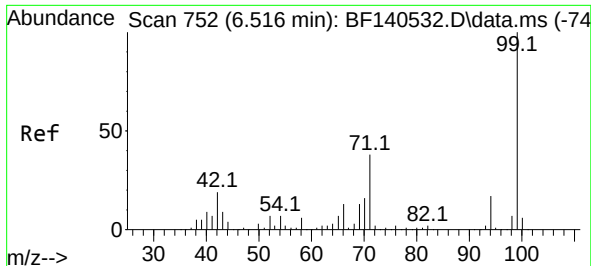
Tgt Ion:152 Resp: 101269
Ion Ratio Lower Upper
152 100
150 155.8 128.5 192.7
115 60.0 50.2 75.4



#5
2-Fluorophenol
Concen: 75.859 ng
RT: 5.498 min Scan# 579
Delta R.T. -0.000 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

Tgt Ion:112 Resp: 450247
Ion Ratio Lower Upper
112 100
64 58.4 49.2 73.8
63 31.4 27.0 40.4

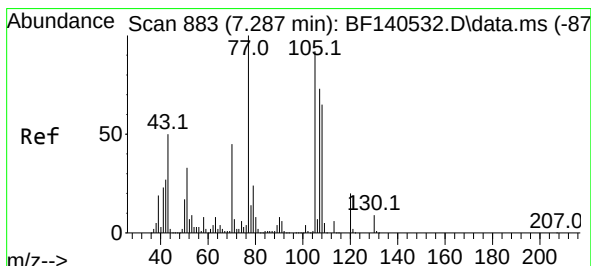
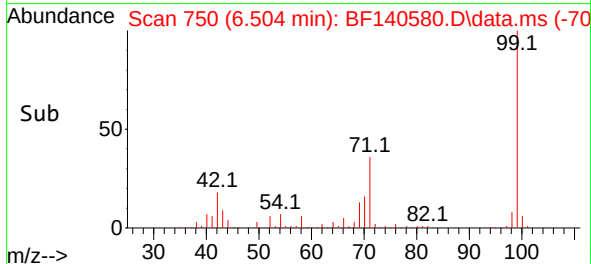
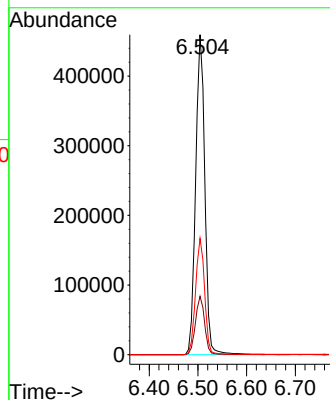
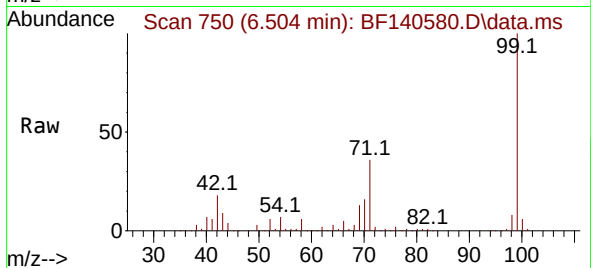




#7
Phenol-d6
Concen: 77.363 ng
RT: 6.504 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

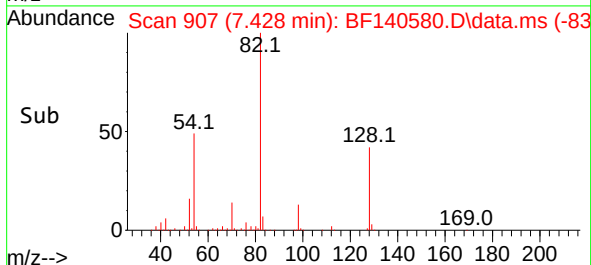
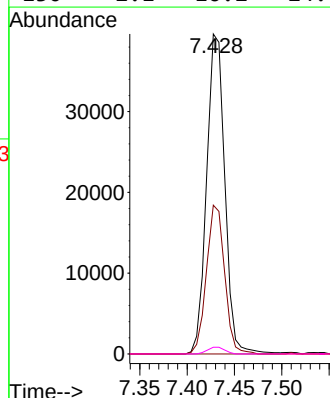
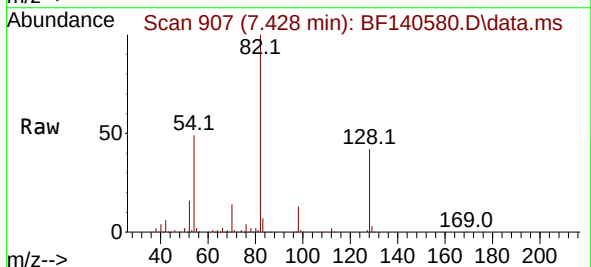
Instrument :
BNA_F
ClientSampleId :
MH-4

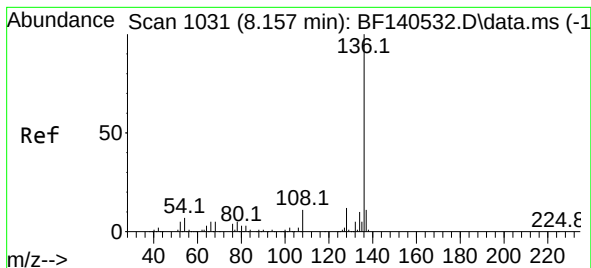
Tgt Ion: 99 Resp: 607036
Ion Ratio Lower Upper
99 100
42 18.2 15.4 23.0
71 36.3 30.6 46.0



#19
n-Nitroso-di-n-propylamine
Concen: 11.428 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

Tgt Ion: 70 Resp: 52996
Ion Ratio Lower Upper
70 100
42 46.5 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# 1

Delta R.T. -0.006 min

Lab File: BF140580.D

Acq: 22 Nov 2024 16:24

Instrument :

BNA_F

ClientSampleId :

MH-4

Tgt Ion:136 Resp: 371620

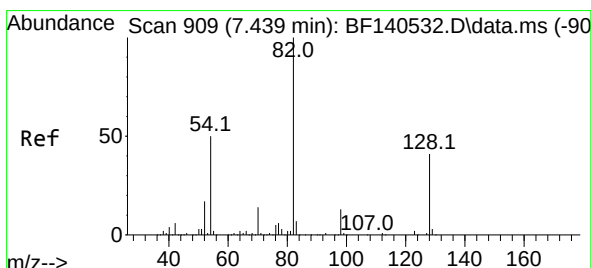
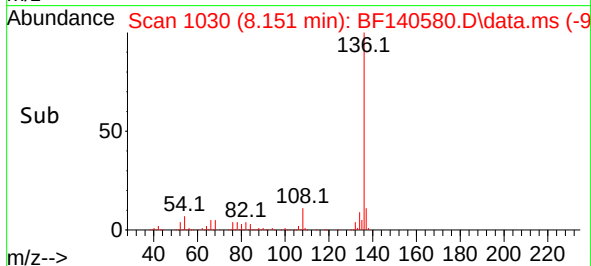
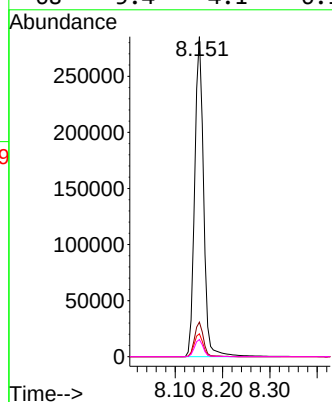
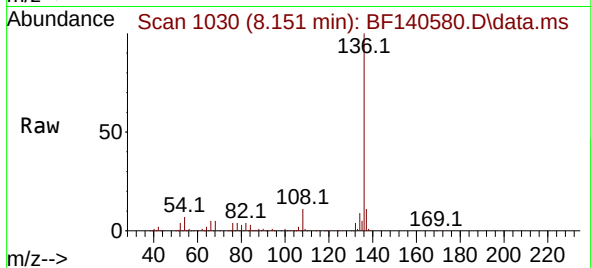
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 7.1 5.8 8.8

68 5.4 4.1 6.1



#23

Nitrobenzene-d5

Concen: 54.643 ng

RT: 7.428 min Scan# 907

Delta R.T. -0.012 min

Lab File: BF140580.D

Acq: 22 Nov 2024 16:24

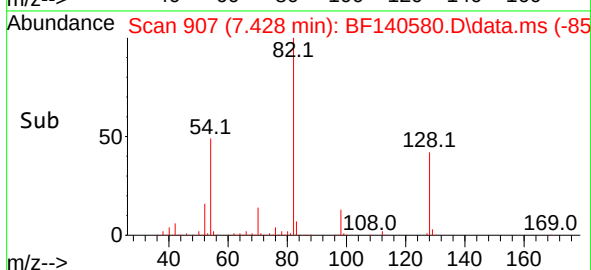
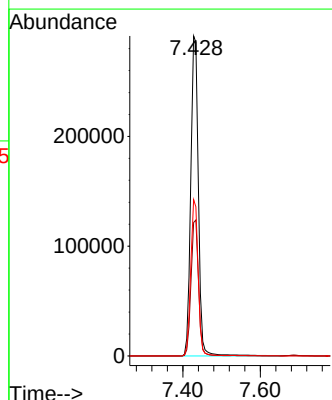
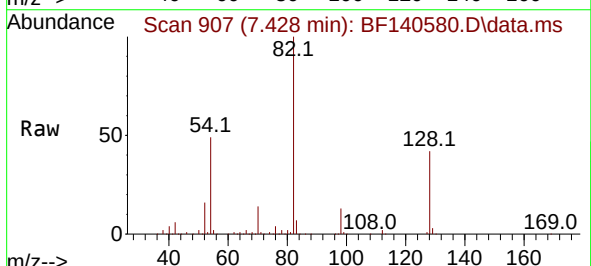
Tgt Ion: 82 Resp: 396997

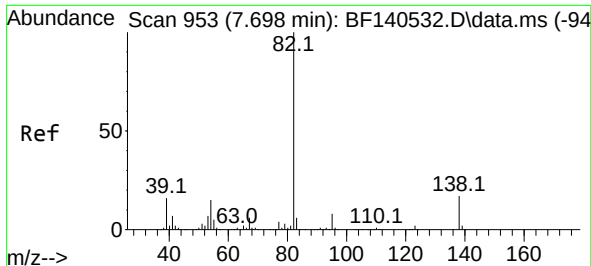
Ion Ratio Lower Upper

82 100

128 41.7 33.0 49.4

54 48.8 39.5 59.3

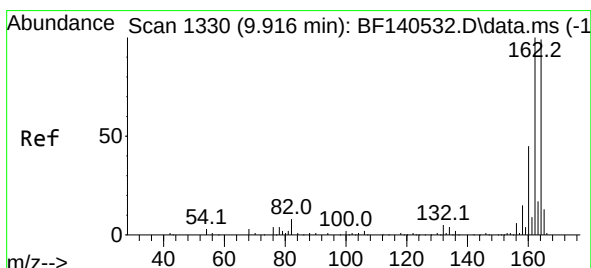
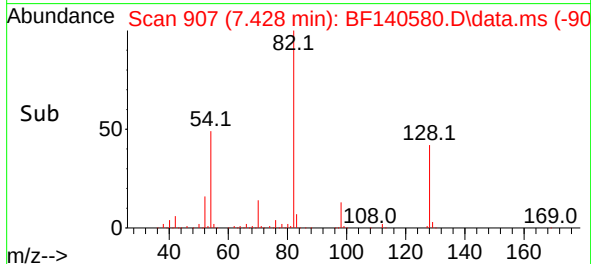
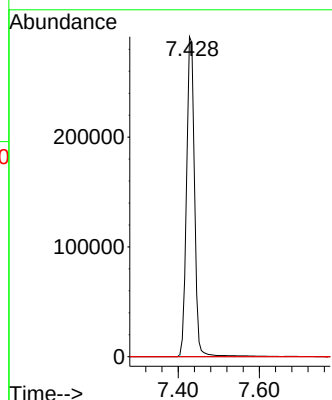
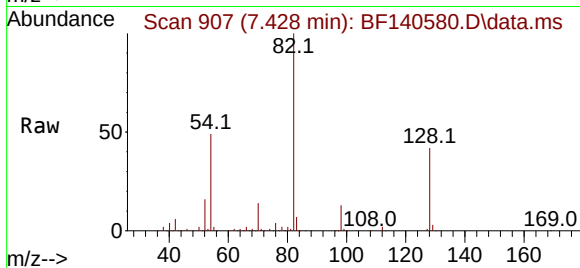




#25
Isophorone
Concen: 32.440 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

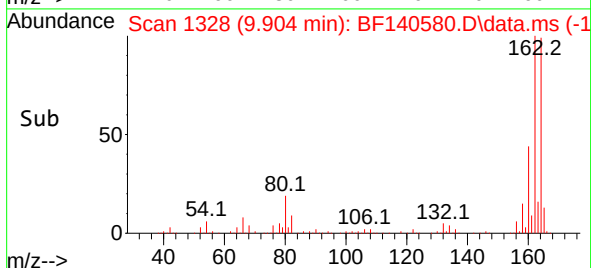
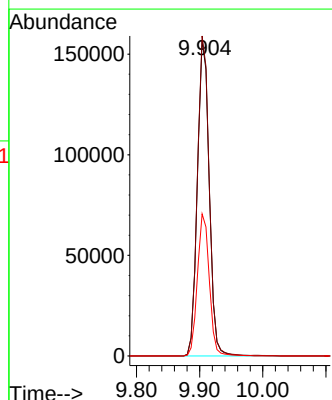
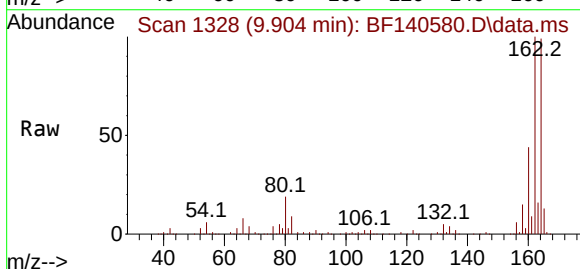
Instrument :
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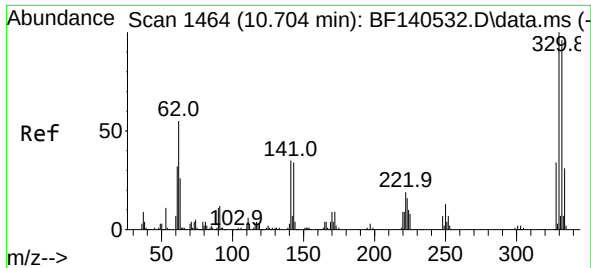
Tgt Ion: 82 Resp: 393102
Ion Ratio Lower Upper
82 100
95 0.0 6.4 9.6#
138 0.0 13.8 20.6#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

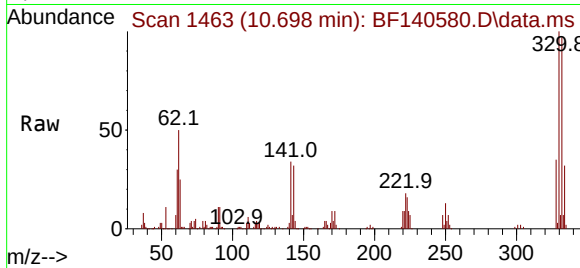
Tgt Ion: 164 Resp: 204240
Ion Ratio Lower Upper
164 100
162 101.3 80.6 120.8
160 45.0 36.2 54.4



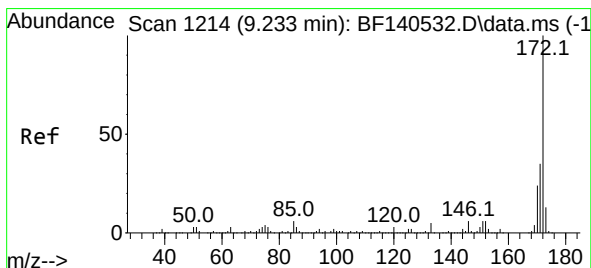
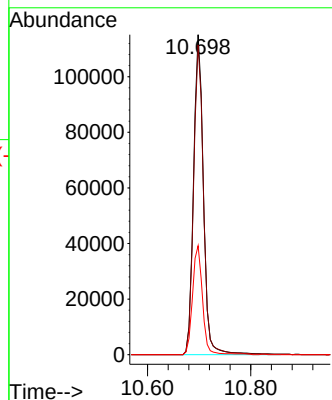
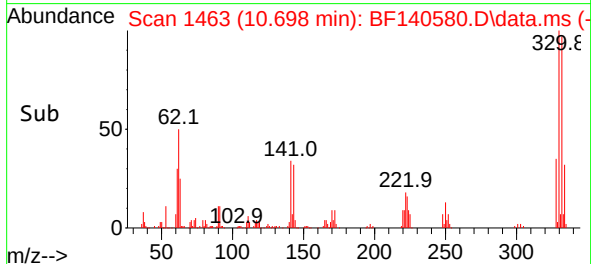


#42
2,4,6-Tribromophenol
Concen: 70.179 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

Instrument :
BNA_F
ClientSampleId :
MH-4

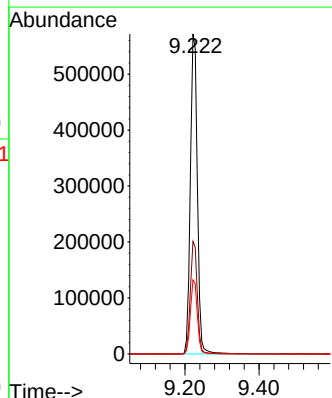
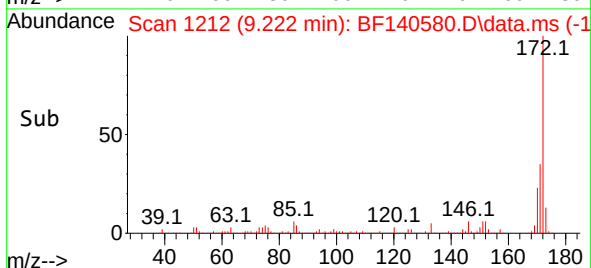
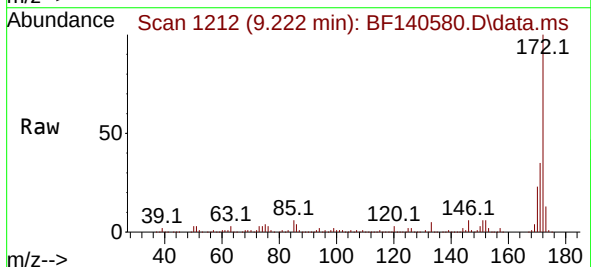


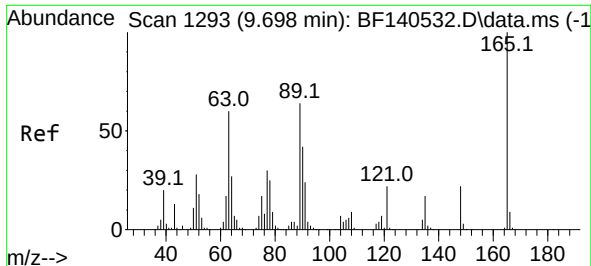
Tgt Ion:330 Resp: 153296
Ion Ratio Lower Upper
330 100
332 97.2 76.9 115.3
141 34.3 26.7 40.1



#45
2-Fluorobiphenyl
Concen: 54.496 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.012 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

Tgt Ion:172 Resp: 747020
Ion Ratio Lower Upper
172 100
171 35.1 28.4 42.6
170 23.2 19.0 28.6

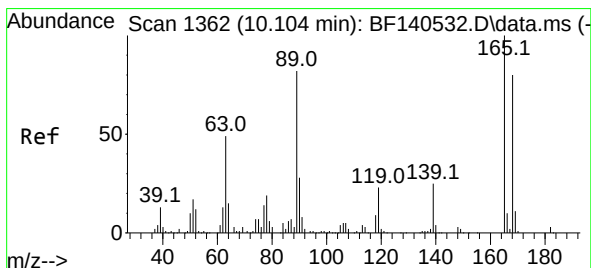
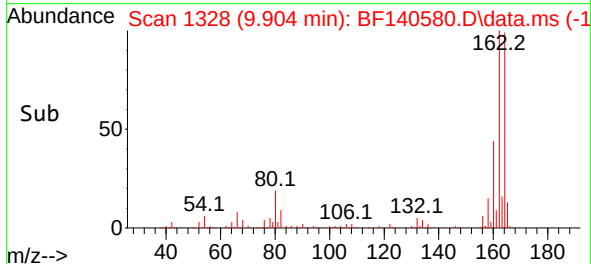
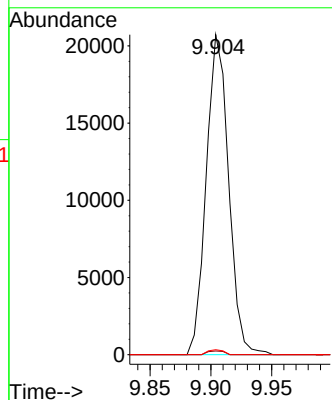
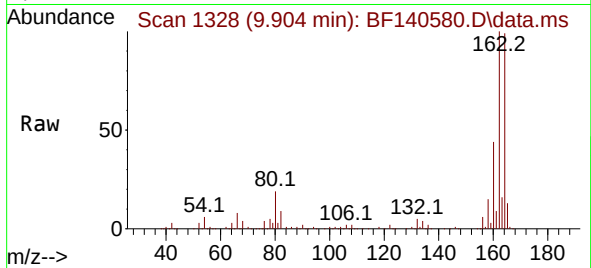




#51
2,6-Dinitrotoluene
Concen: 8.711 ng
RT: 9.904 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

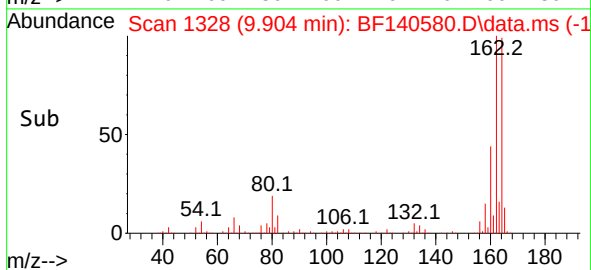
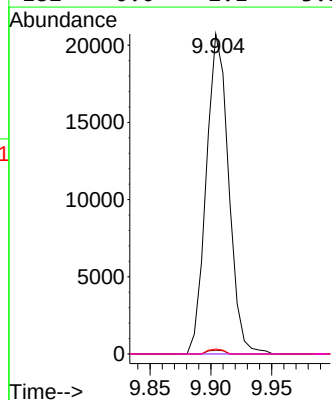
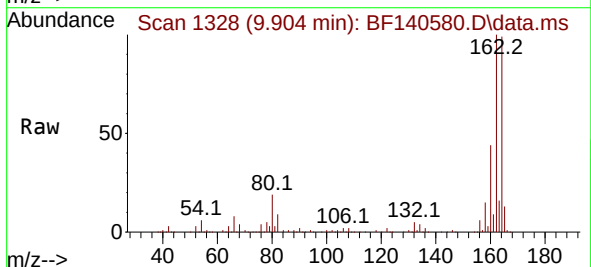
Instrument :
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ClientSampleId :
MH-4

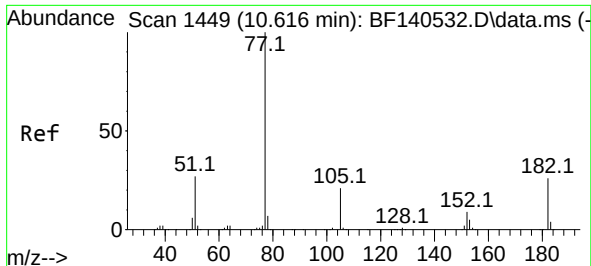
Tgt Ion:165 Resp: 26575
Ion Ratio Lower Upper
165 100
63 1.1 49.9 74.9#
89 1.6 50.9 76.3#



#57
2,4-Dinitrotoluene
Concen: 6.555 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.200 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

Tgt Ion:165 Resp: 26575
Ion Ratio Lower Upper
165 100
63 1.1 41.7 62.5#
89 1.6 65.8 98.8#
182 0.0 2.1 3.1#

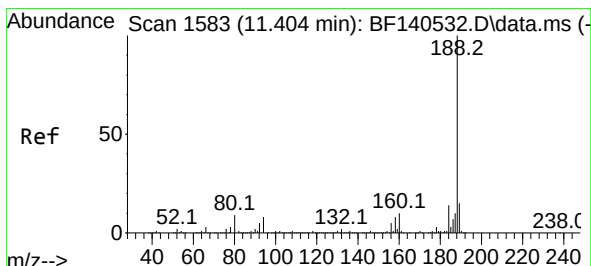
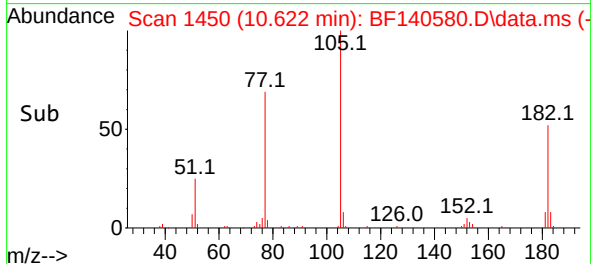
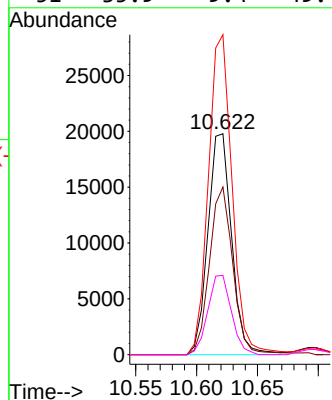
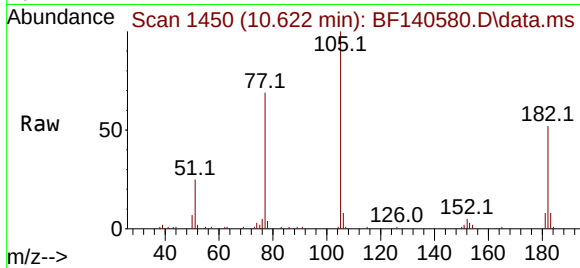




#63
 Azobenzene
 Concen: 2.077 ng
 RT: 10.622 min Scan# 1449
 Delta R.T. 0.006 min
 Lab File: BF140580.D
 Acq: 22 Nov 2024 16:24

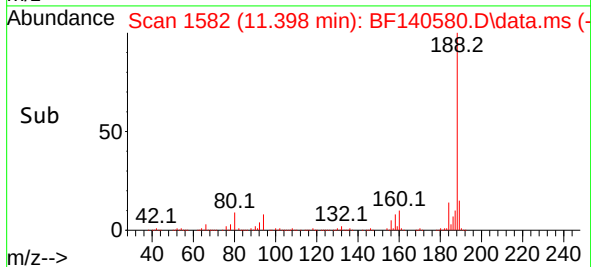
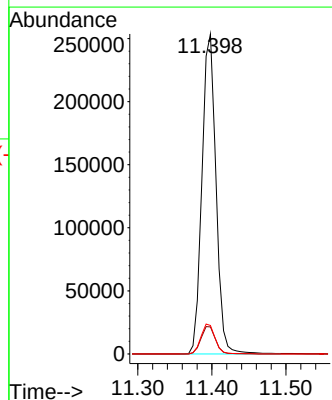
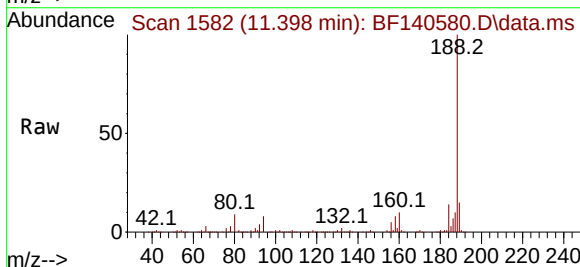
Instrument :
 BNA_F
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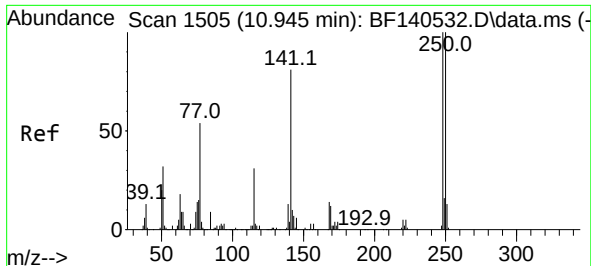
Tgt Ion: 77	Resp: 26882
Ion Ratio	Lower Upper
77 100	
182 75.9	5.3 45.3#
105 144.8	0.3 40.3#
51 35.9	9.4 49.4



#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.398 min Scan# 1582
 Delta R.T. -0.006 min
 Lab File: BF140580.D
 Acq: 22 Nov 2024 16:24

Tgt Ion: 188	Resp: 333640
Ion Ratio	Lower Upper
188 100	
94 8.4	6.4 9.6
80 8.9	6.9 10.3

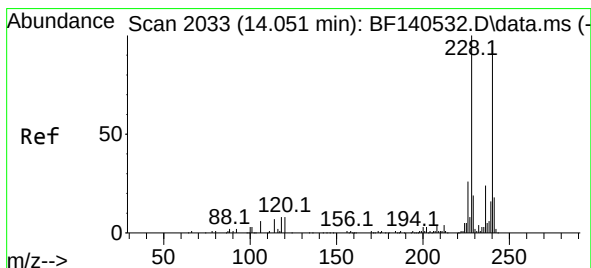
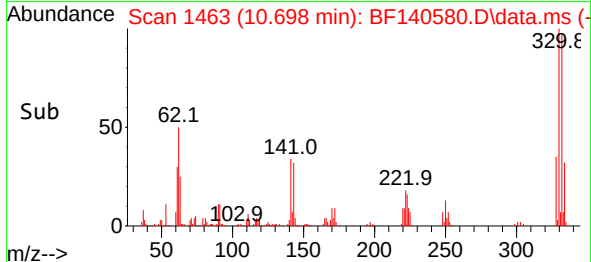
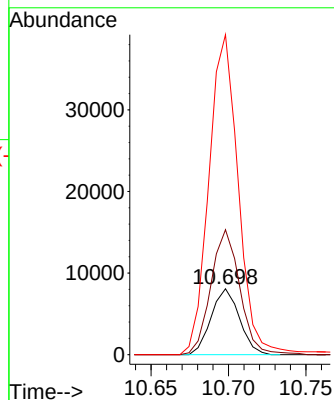
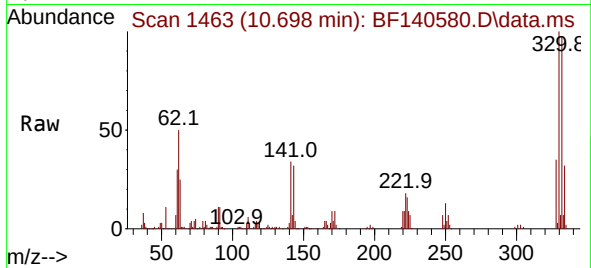




#67
4-Bromophenyl-phenylether
Concen: 2.989 ng
RT: 10.698 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

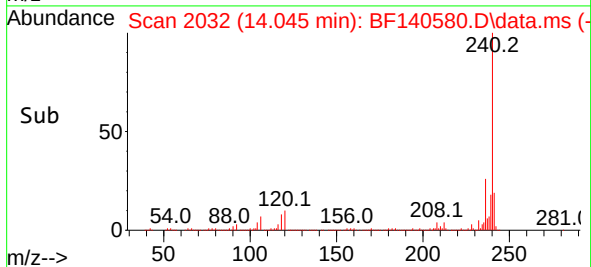
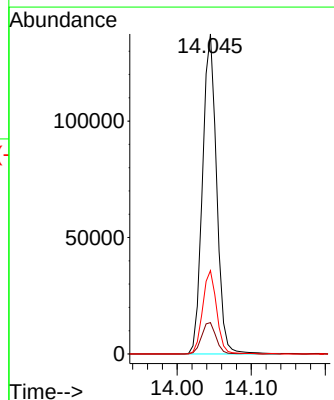
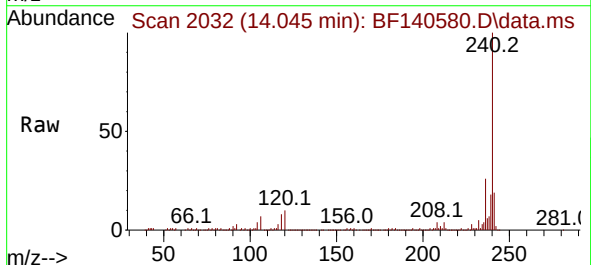
Instrument :
BNA_F
ClientSampleId :
MH-4

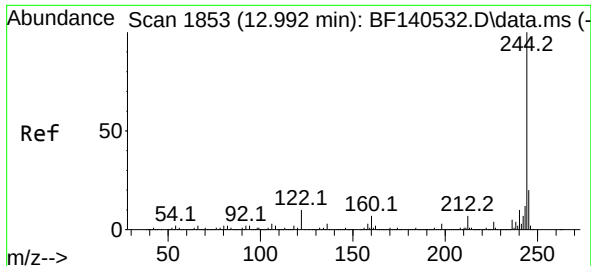
Tgt Ion:248 Resp: 10269
Ion Ratio Lower Upper
248 100
250 189.6 79.8 119.8#
141 485.9 64.7 97.1#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF140580.D
Acq: 22 Nov 2024 16:24

Tgt Ion:240 Resp: 181651
Ion Ratio Lower Upper
240 100
120 9.8 7.3 10.9
236 26.0 20.6 31.0

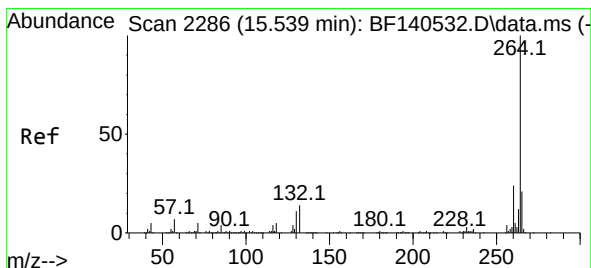
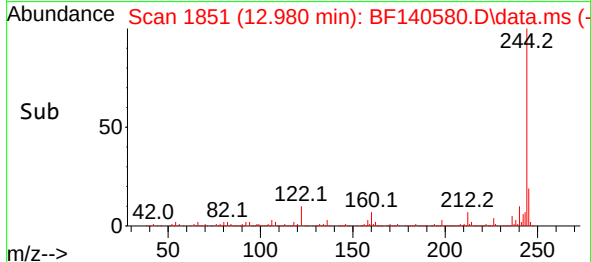
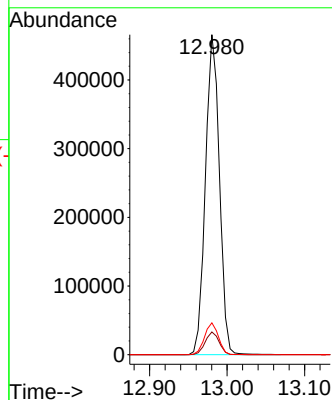
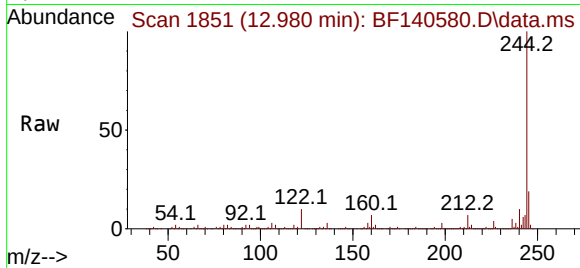




#79
 Terphenyl-d14
 Concen: 50.046 ng
 RT: 12.980 min Scan# 1851
 Delta R.T. -0.012 min
 Lab File: BF140580.D
 Acq: 22 Nov 2024 16:24

Instrument :
 BNA_F
 ClientSampleId :
 MH-4

Tgt Ion:244 Resp: 583829
 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: 15.539 min Scan# 2286
 Delta R.T. -0.000 min
 Lab File: BF140580.D
 Acq: 22 Nov 2024 16:24

Tgt Ion:264 Resp: 176199
 Ion Ratio Lower Upper
 264 100
 260 23.4 19.0 28.6
 265 21.2 16.6 25.0

