

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140379.D
 Acq On : 14 Nov 2024 22:47
 Operator : RC/JU
 Sample : P4739-09DL 5X
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-B2DL

Quant Time: Nov 15 00:30:40 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF111324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Nov 13 14:40:06 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

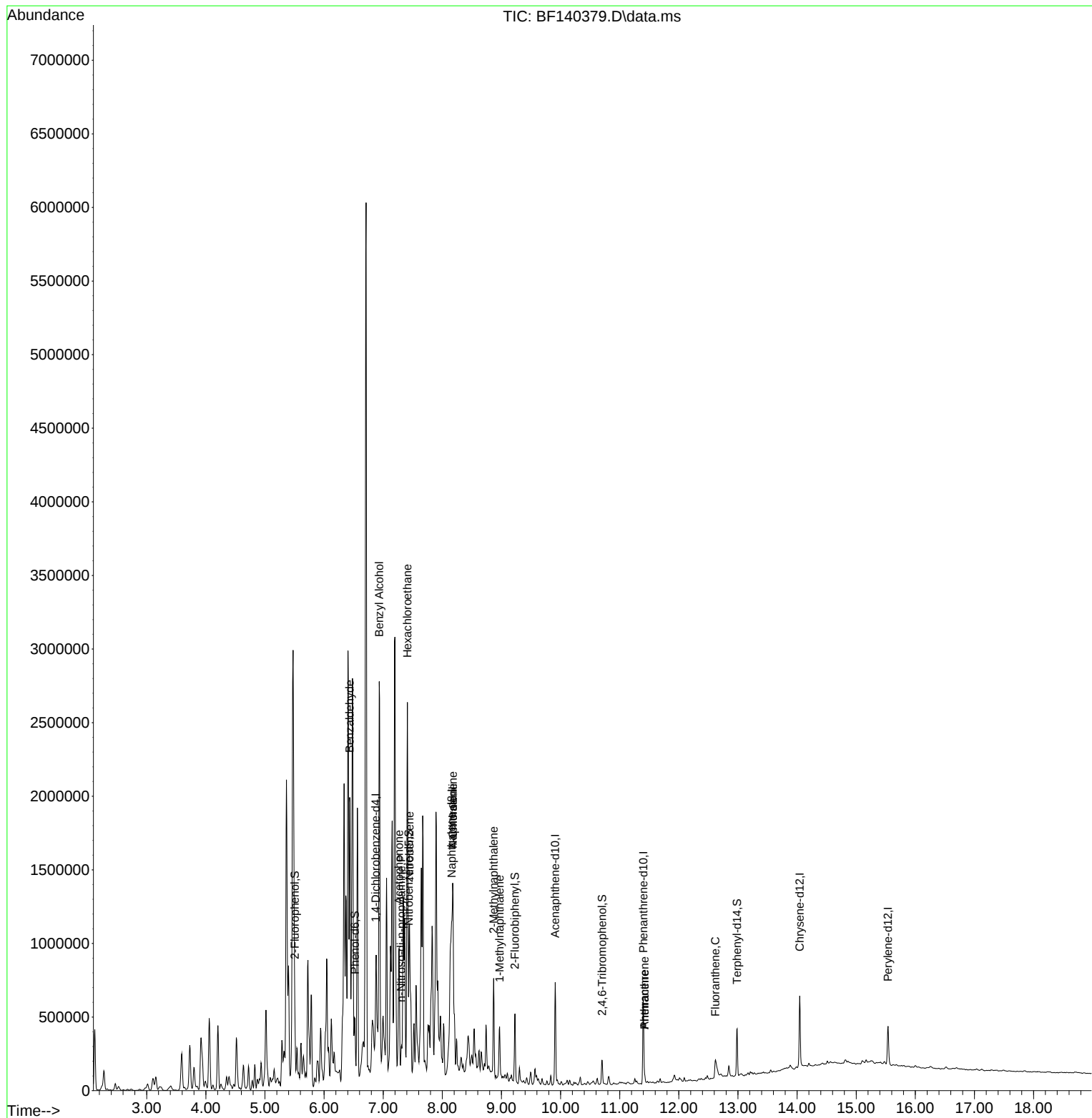
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	117283	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	421464	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	200660	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	301487	20.000	ng	0.00
76) Chrysene-d12	14.045	240	220485	20.000	ng	0.00
86) Perylene-d12	15.539	264	153569	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	137698	20.046	ng	0.01
7) Phenol-d6	6.522	99	194467	20.896	ng	0.02
23) Nitrobenzene-d5	7.434	82	116850	14.445	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	27149	13.606	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	198722	15.920	ng	0.00
79) Terphenyl-d14	12.986	244	159744	12.576	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.434	77	105776	18.964	ng	# 1
15) Benzyl Alcohol	6.934	79	117328	17.498	ng	# 8
18) Hexachloroethane	7.410	117	173311	56.789	ng	# 1
19) n-Nitroso-di-n-propyla...	7.304	70	15073	2.682	ng	# 56
22) Acetophenone	7.269	105	378768	38.640	ng	# 55
24) Nitrobenzene	7.445	77	18847	2.238	ng	# 11
31) Naphthalene	8.181	128	501592	23.461	ng	99
33) 4-Chloroaniline	8.181	127	69042	9.286	ng	# 39
37) 2-Methylnaphthalene	8.869	142	255037	18.603	ng	100
38) 1-Methylnaphthalene	8.969	142	125246	9.329	ng	99
71) Phenanthrene	11.422	178	29071	2.053	ng	99
72) Anthracene	11.422	178	29071	2.094	ng	100
75) Fluoranthene	12.616	202	35570	2.239	ng	97

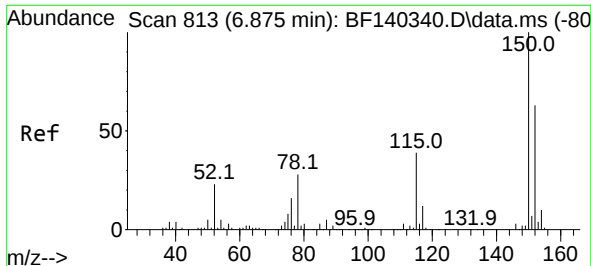
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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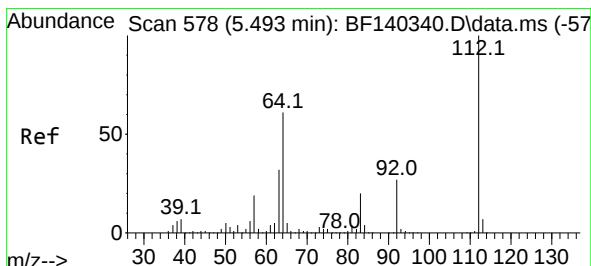
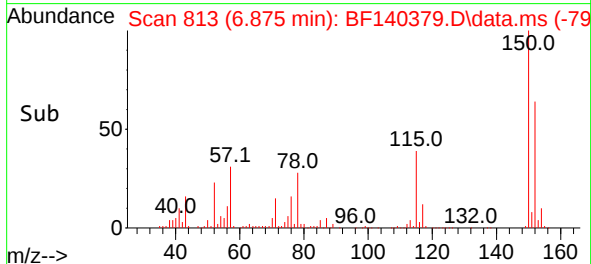
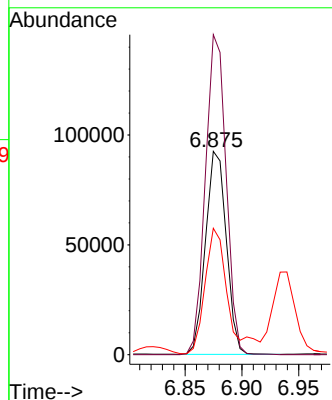
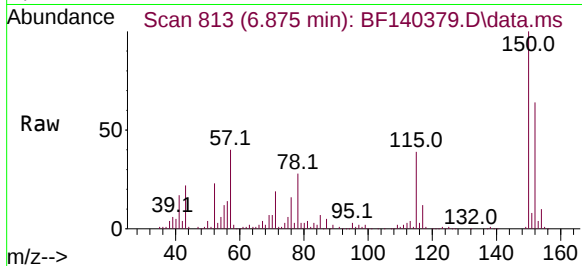




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

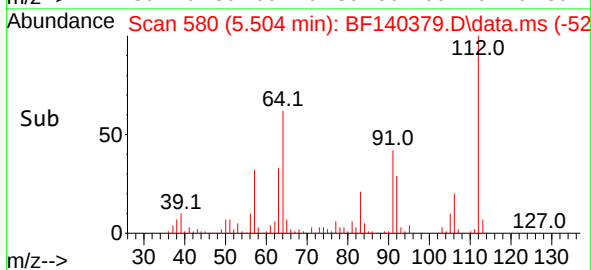
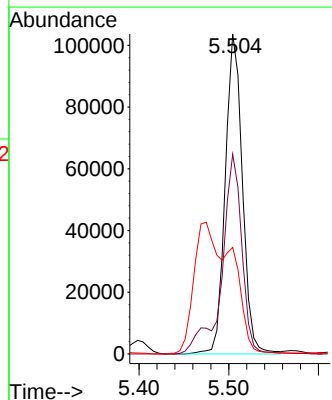
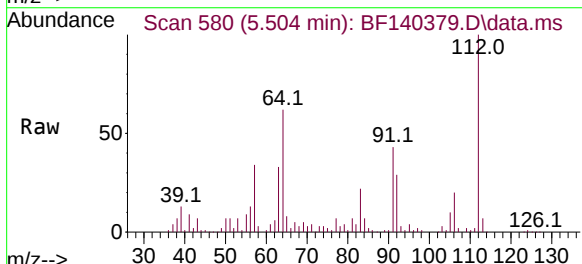
Instrument :
BNA_F
ClientSampleId :
BP-B2DL

Tgt Ion:152 Resp: 117283
Ion Ratio Lower Upper
152 100
150 157.4 127.4 191.0
115 62.2 47.4 71.2



#5
2-Fluorophenol
Concen: 20.046 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.012 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

Tgt Ion:112 Resp: 137698
Ion Ratio Lower Upper
112 100
64 62.5 49.2 73.8
63 33.3 25.6 38.4





#7

Phenol-d6

Concen: 20.896 ng

RT: 6.522 min Scan# 71

Delta R.T. 0.018 min

Lab File: BF140379.D

Acq: 14 Nov 2024 22:47

Instrument :

BNA_F

ClientSampleId :

BP-B2DL

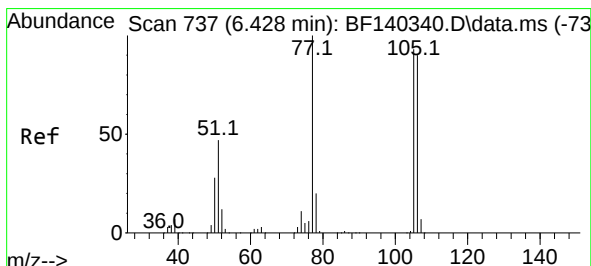
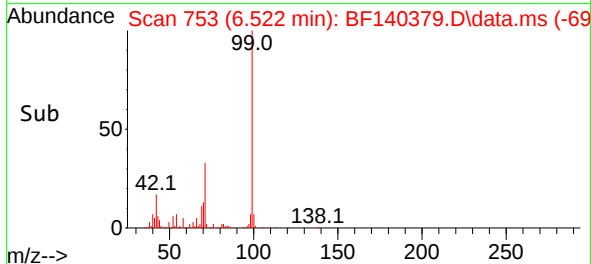
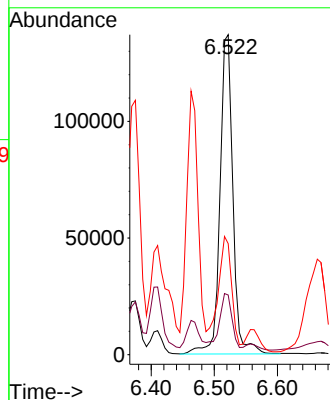
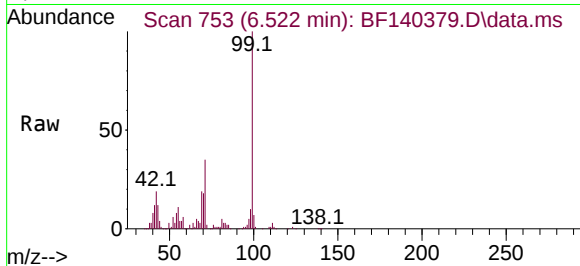
Tgt Ion: 99 Resp: 194467

Ion Ratio Lower Upper

99 100

42 18.6 15.1 22.7

71 34.7 27.9 41.9



#9

Benzaldehyde

Concen: 18.964 ng

RT: 6.434 min Scan# 738

Delta R.T. 0.006 min

Lab File: BF140379.D

Acq: 14 Nov 2024 22:47

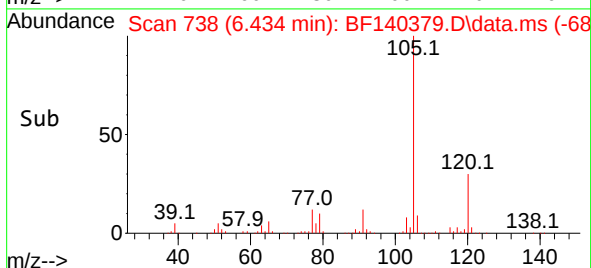
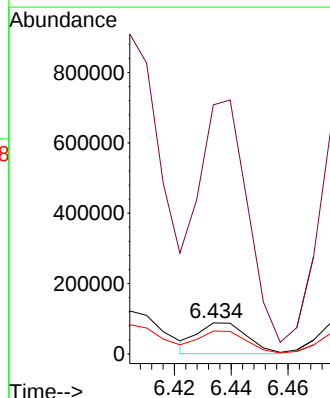
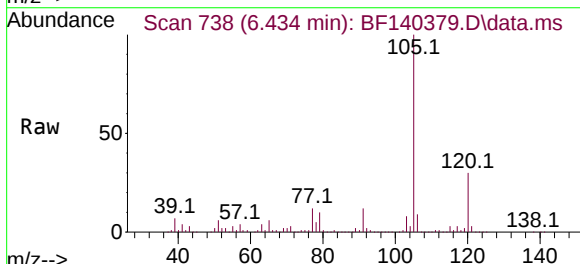
Tgt Ion: 77 Resp: 105776

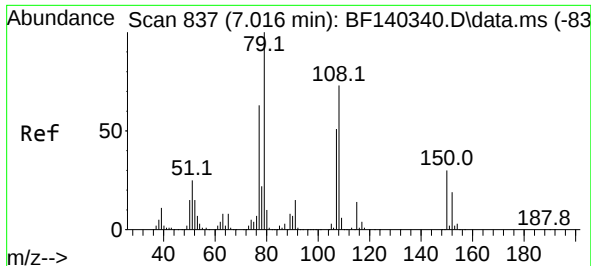
Ion Ratio Lower Upper

77 100

105 804.4 74.4 114.4#

106 73.7 69.9 109.9





#15

Benzyl Alcohol

Concen: 17.498 ng

RT: 6.934 min Scan# 81

Delta R.T. -0.082 min

Lab File: BF140379.D

Acq: 14 Nov 2024 22:47

Instrument :

BNA_F

ClientSampleId :

BP-B2DL

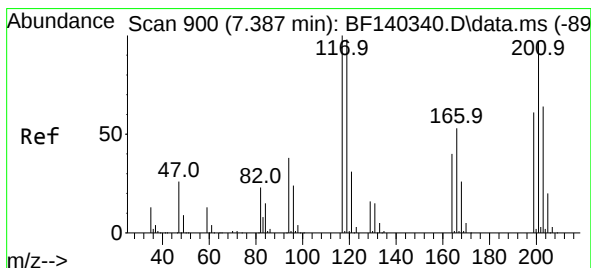
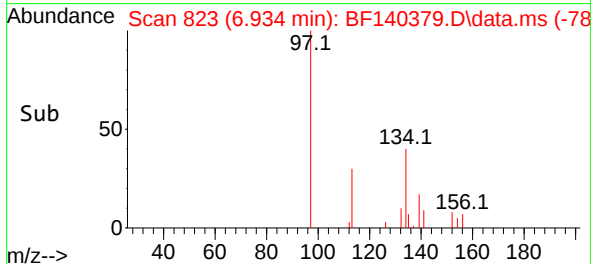
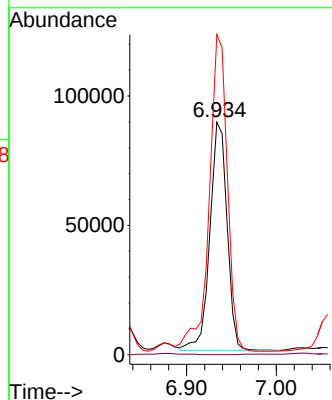
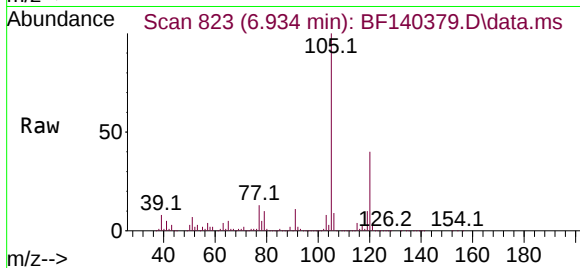
Tgt Ion: 79 Resp: 117328

Ion Ratio Lower Upper

79 100

108 0.0 57.8 86.6#

77 137.7 49.8 74.6#



#18

Hexachloroethane

Concen: 56.789 ng

RT: 7.410 min Scan# 904

Delta R.T. 0.018 min

Lab File: BF140379.D

Acq: 14 Nov 2024 22:47

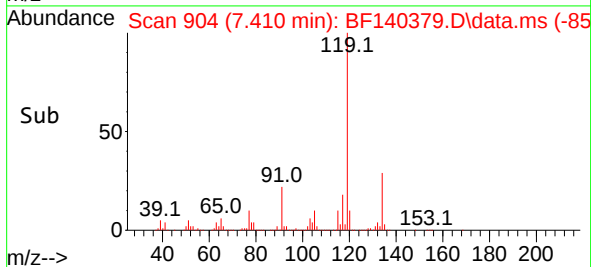
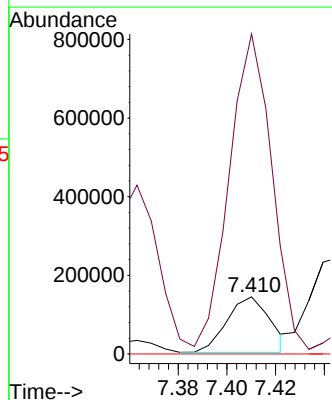
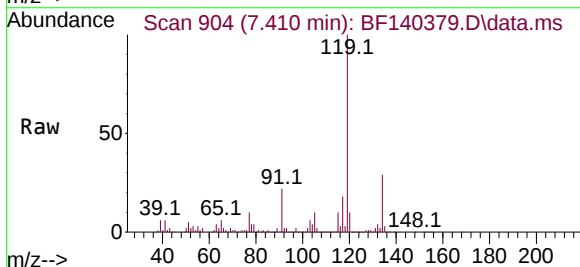
Tgt Ion: 117 Resp: 173311

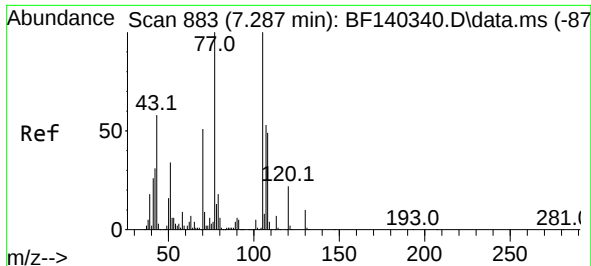
Ion Ratio Lower Upper

117 100

119 560.3 76.9 115.3#

201 0.0 80.2 120.4#

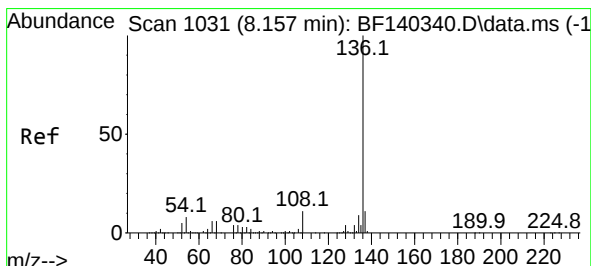
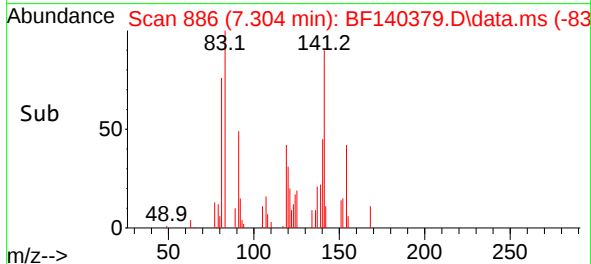
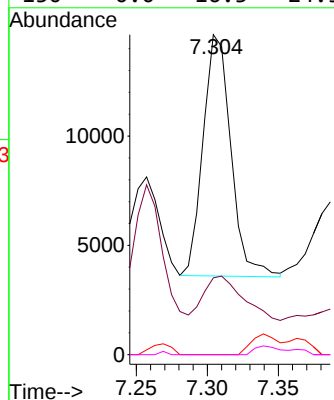
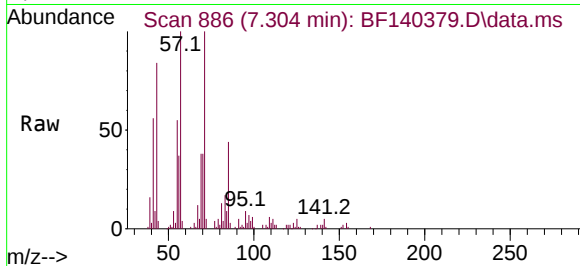




#19
n-Nitroso-di-n-propylamine
Concen: 2.682 ng
RT: 7.304 min Scan# 886
Delta R.T. 0.012 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

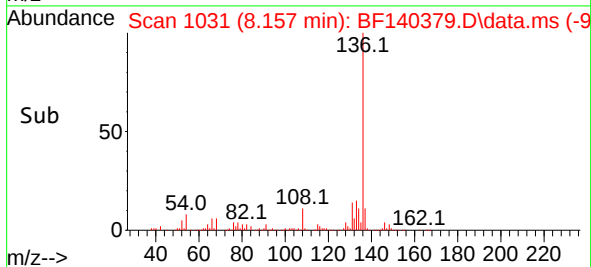
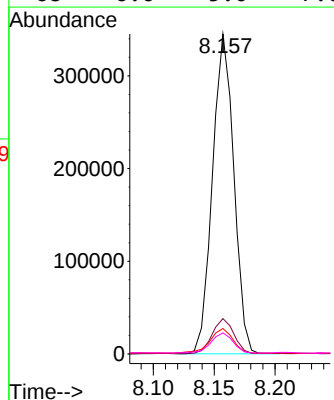
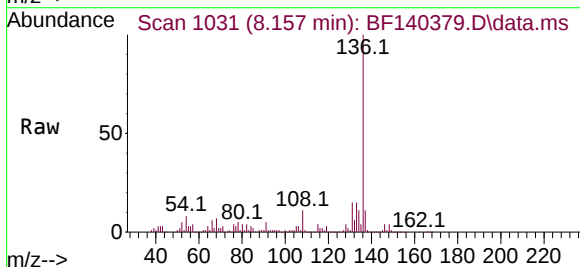
Instrument :
BNA_F
ClientSampleId :
BP-B2DL

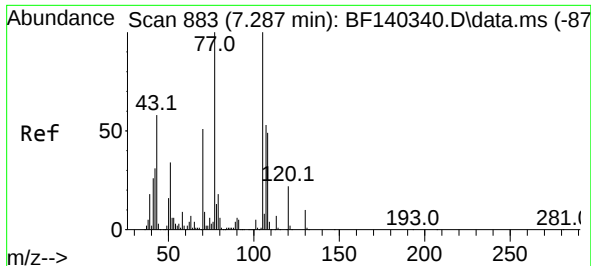
Tgt Ion: 70 Resp: 15073
Ion Ratio Lower Upper
70 100
42 24.0 46.8 70.2#
101 0.0 7.5 11.3#
130 0.0 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

Tgt Ion: 136 Resp: 421464
Ion Ratio Lower Upper
136 100
137 11.1 8.7 13.1
54 7.9 6.5 9.7
68 6.6 5.0 7.6

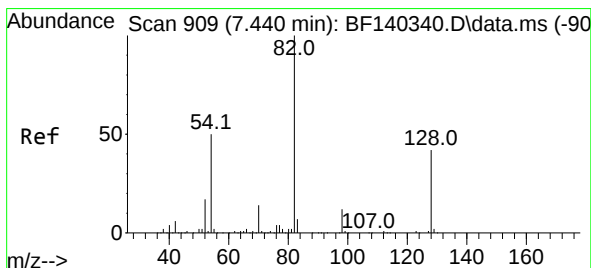
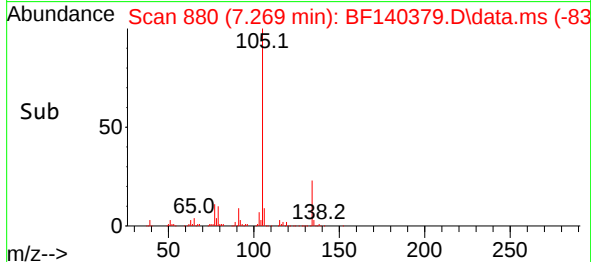
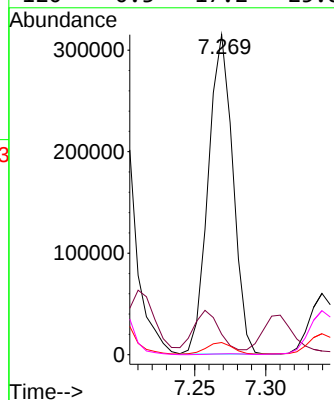
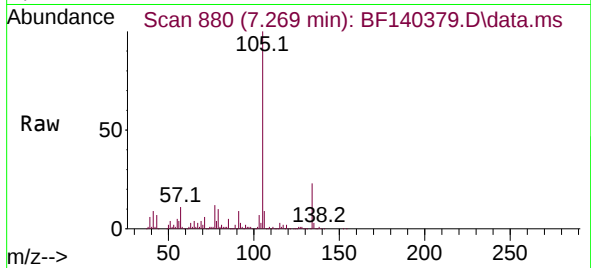




#22
Acetophenone
Concen: 38.640 ng
RT: 7.269 min Scan# 883
Delta R.T. -0.018 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

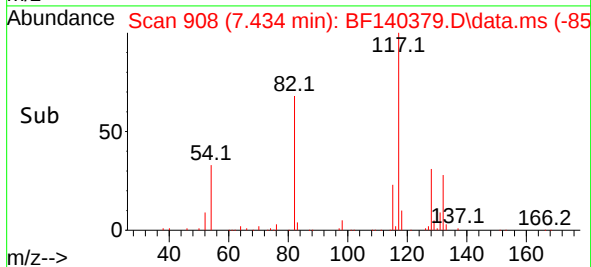
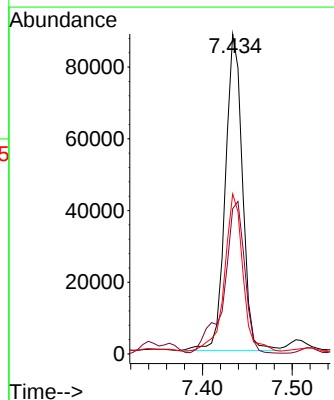
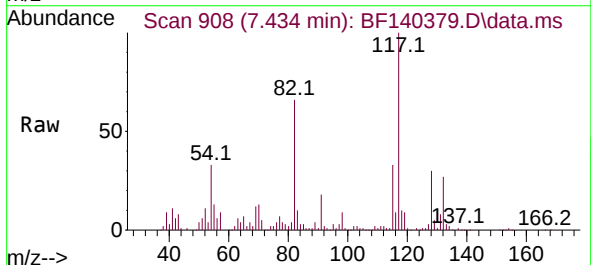
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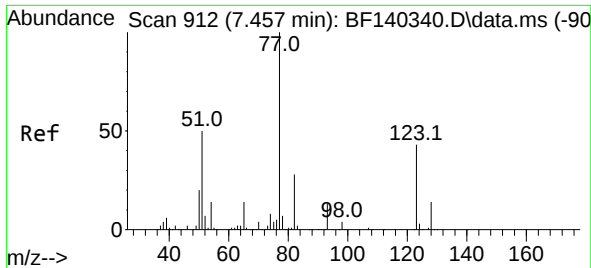
Tgt Ion:105 Resp: 378768
Ion Ratio Lower Upper
105 100
71 6.4 6.9 10.3#
51 3.8 28.6 43.0#
120 0.3 17.2 25.8#



#23
Nitrobenzene-d5
Concen: 14.445 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

Tgt Ion: 82 Resp: 116850
Ion Ratio Lower Upper
82 100
128 45.4 33.3 49.9
54 50.0 39.8 59.8

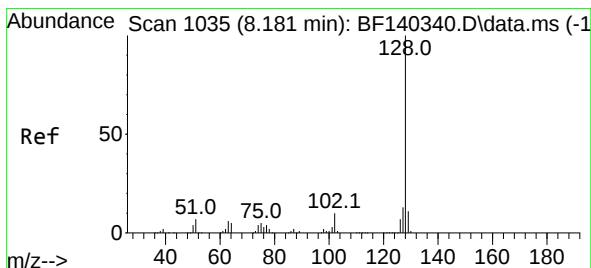
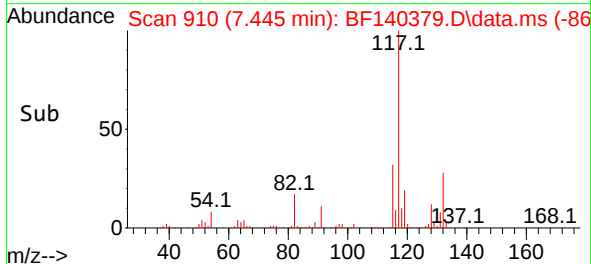
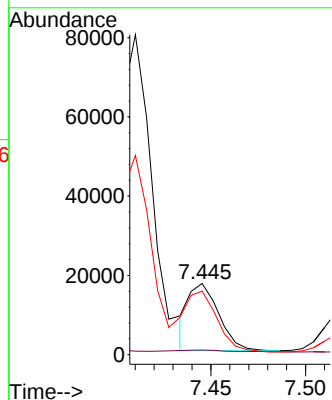
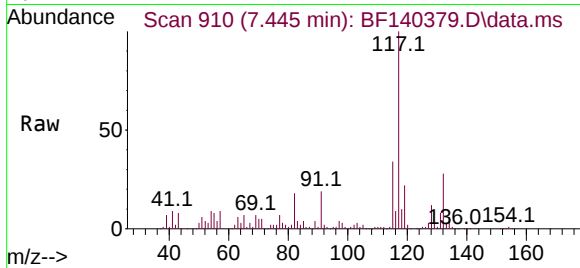




#24
Nitrobenzene
Concen: 2.238 ng
RT: 7.445 min Scan# 912
Delta R.T. -0.018 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

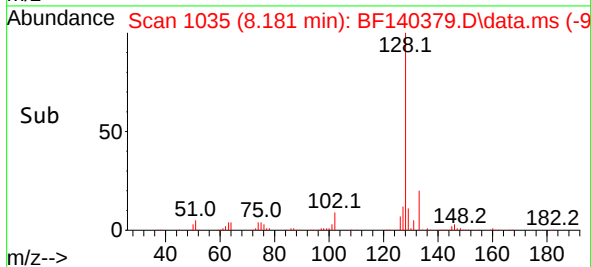
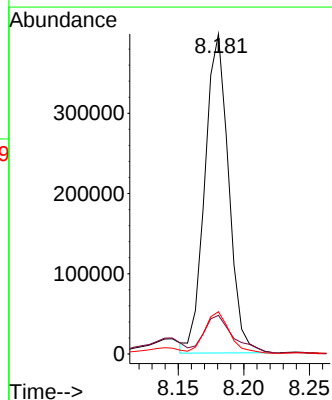
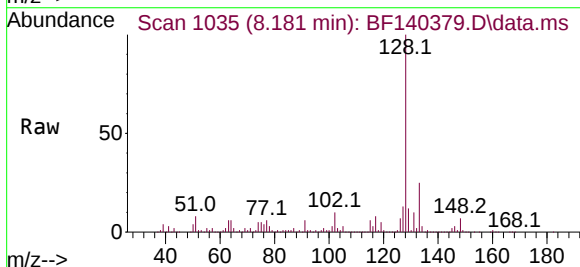
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BP-B2DL

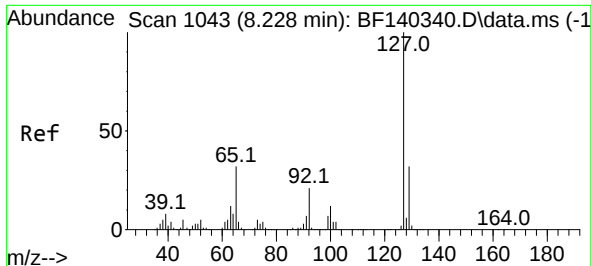
Tgt Ion: 77 Resp: 18847
Ion Ratio Lower Upper
77 100
123 6.6 35.4 53.0#
65 89.3 11.1 16.7#



#31
Naphthalene
Concen: 23.461 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

Tgt Ion: 128 Resp: 501592
Ion Ratio Lower Upper
128 100
129 12.1 8.9 13.3
127 13.2 10.6 15.8

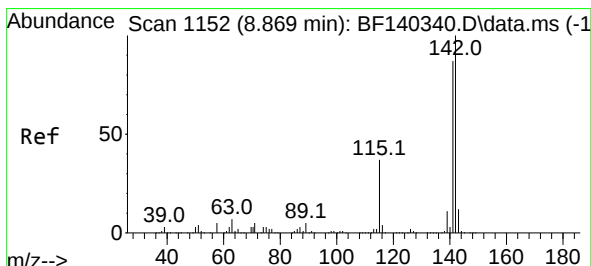
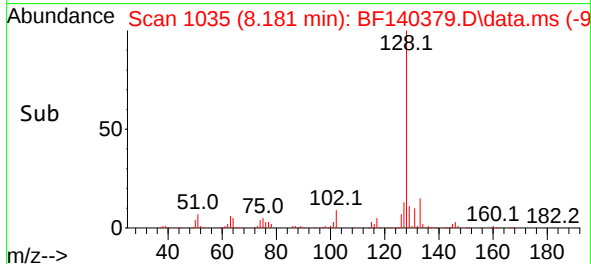
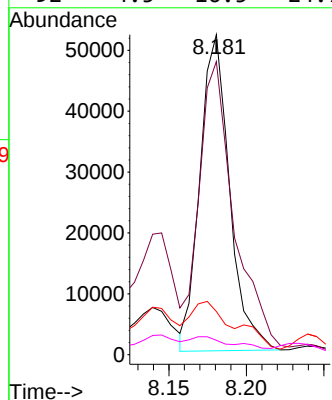
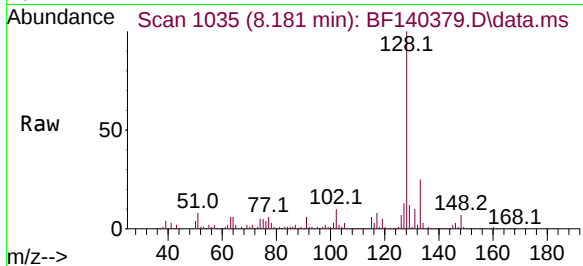




#33
4-Chloroaniline
Concen: 9.286 ng
RT: 8.181 min Scan# 1035
Delta R.T. -0.047 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

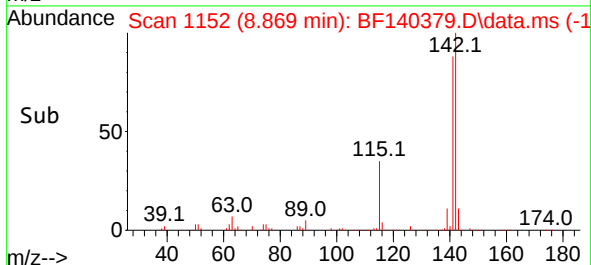
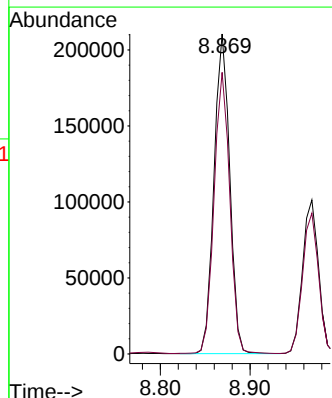
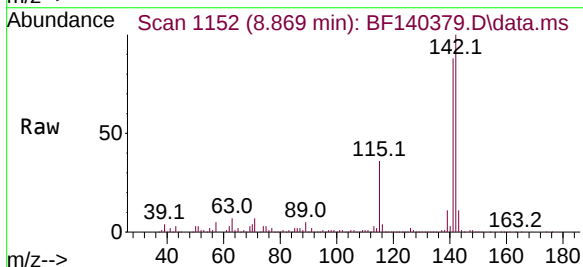
Instrument :
BNA_F
ClientSampleId :
BP-B2DL

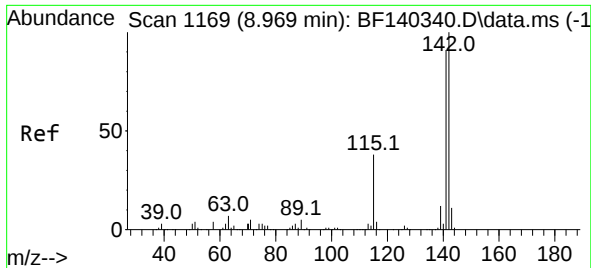
Tgt Ion:127	Resp:	69042
Ion Ratio	Lower	Upper
127	100	
129	91.6	26.2 39.4#
65	13.5	25.8 38.6#
92	4.5	16.5 24.7#



#37
2-Methylnaphthalene
Concen: 18.603 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

Tgt Ion:142	Resp:	255037
Ion Ratio	Lower	Upper
142	100	
141	88.0	70.4 105.6

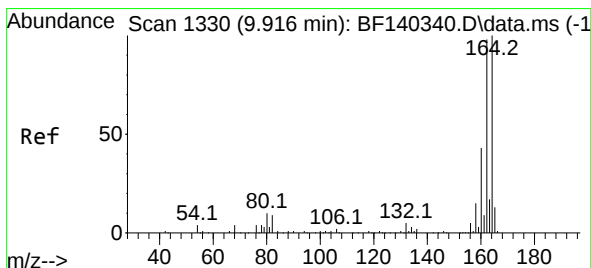
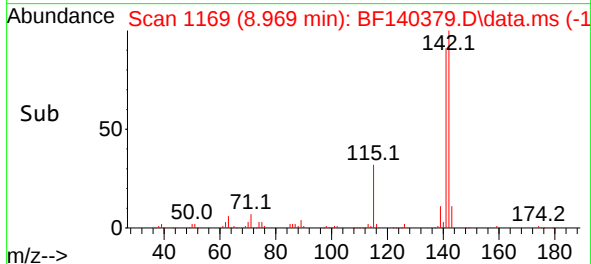
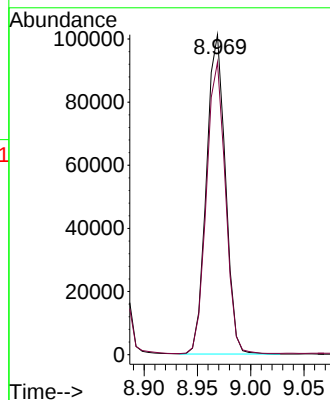
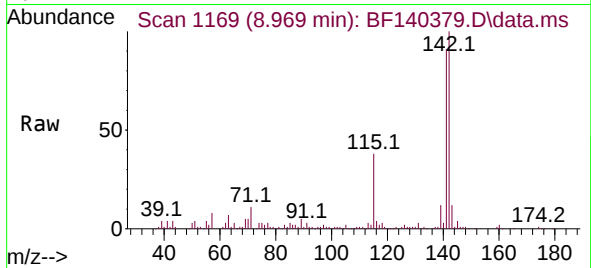




#38
1-Methylnaphthalene
Concen: 9.329 ng
RT: 8.969 min Scan# 1169
Delta R.T. -0.000 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

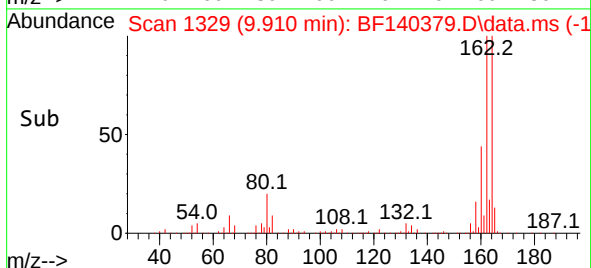
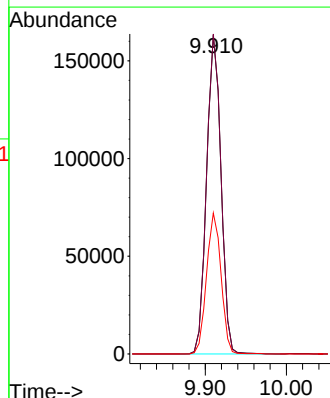
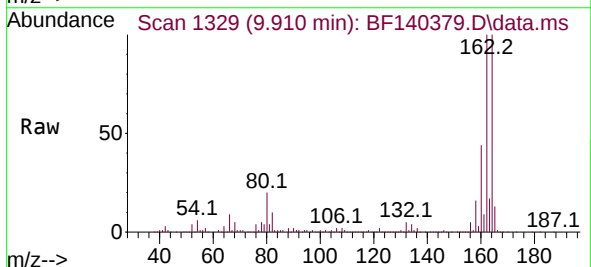
Instrument :
BNA_F
ClientSampleId :
BP-B2DL

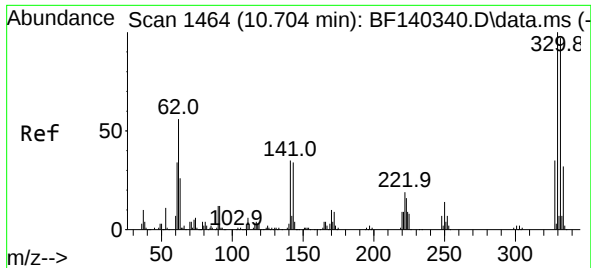
Tgt Ion:142 Resp: 125246
Ion Ratio Lower Upper
142 100
141 91.4 73.6 110.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

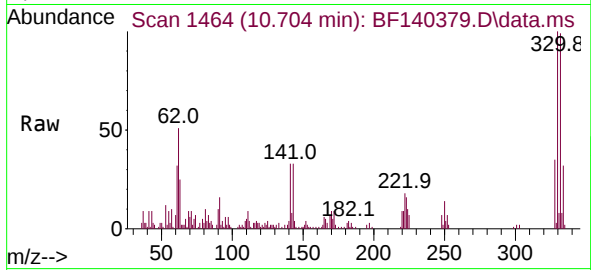
Tgt Ion:164 Resp: 200660
Ion Ratio Lower Upper
164 100
162 100.4 79.8 119.8
160 44.2 35.4 53.0



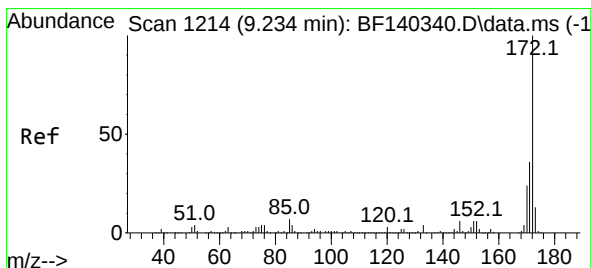
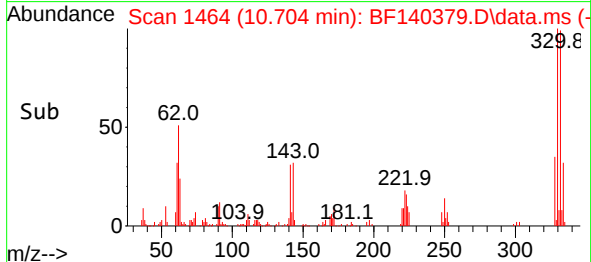
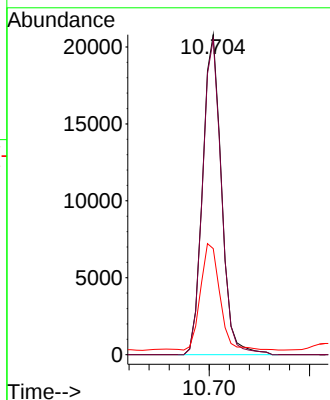


#42
2,4,6-Tribromophenol
Concen: 13.606 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

Instrument :
BNA_F
ClientSampleId :
BP-B2DL

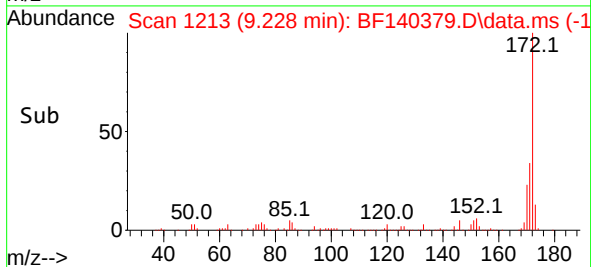
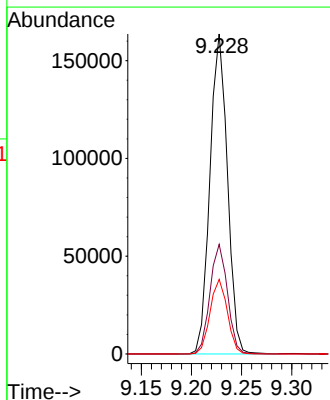
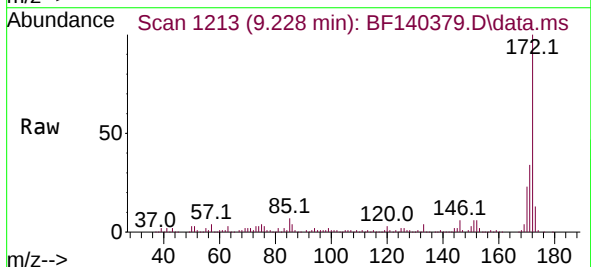


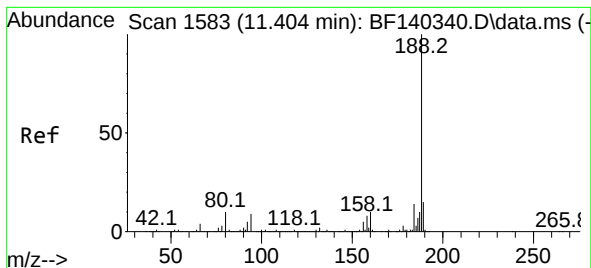
Tgt Ion: 330 Resp: 27149
Ion Ratio Lower Upper
330 100
332 98.4 75.9 113.9
141 34.2 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 15.920 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140379.D
Acq: 14 Nov 2024 22:47

Tgt Ion: 172 Resp: 198722
Ion Ratio Lower Upper
172 100
171 34.3 28.5 42.7
170 23.3 19.1 28.7





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140379.D

Acq: 14 Nov 2024 22:47

Instrument :

BNA_F

ClientSampleId :

BP-B2DL

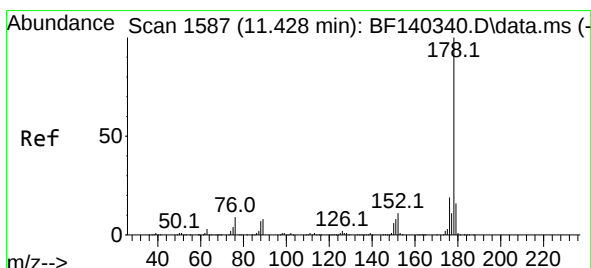
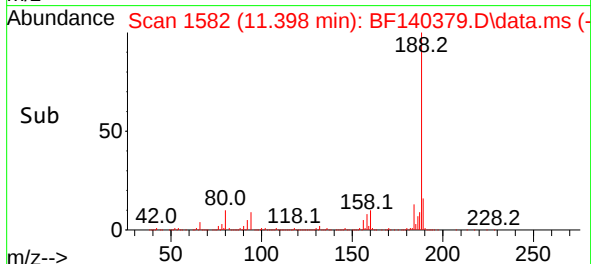
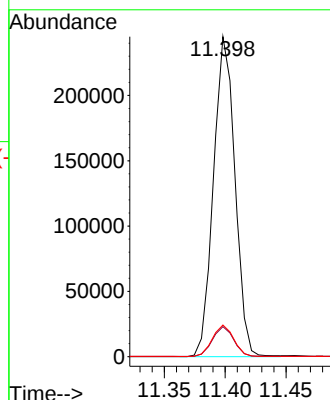
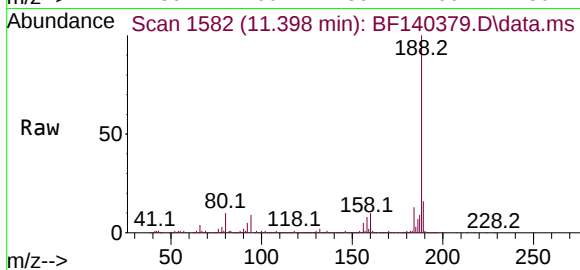
Tgt Ion:188 Resp: 301487

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 9.9 8.0 12.0



#71

Phenanthrene

Concen: 2.053 ng

RT: 11.422 min Scan# 1586

Delta R.T. -0.006 min

Lab File: BF140379.D

Acq: 14 Nov 2024 22:47

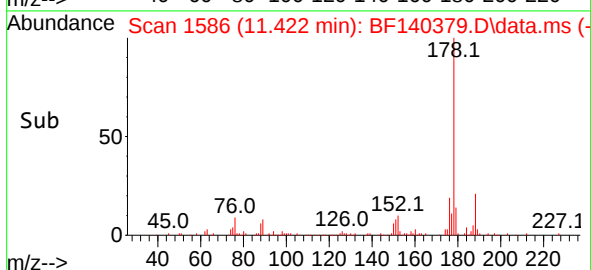
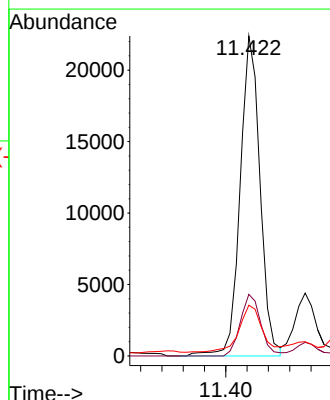
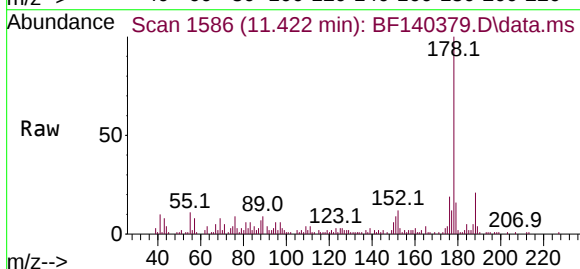
Tgt Ion:178 Resp: 29071

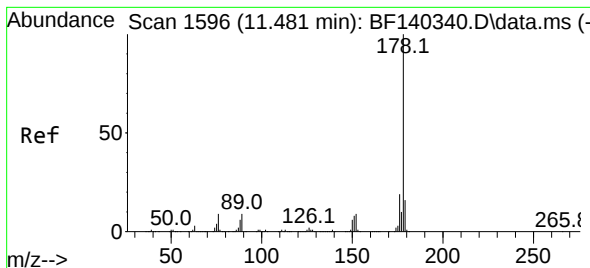
Ion Ratio Lower Upper

178 100

176 19.3 15.5 23.3

179 15.9 12.4 18.6

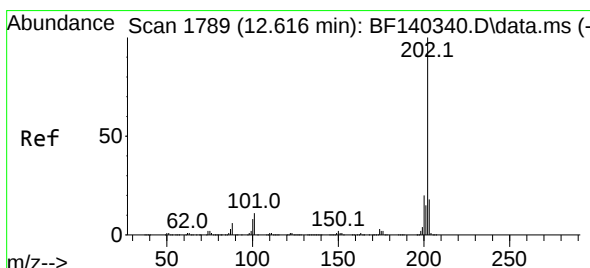
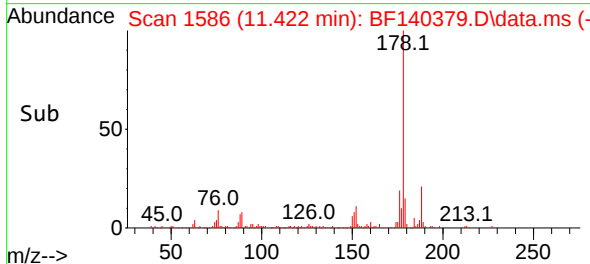
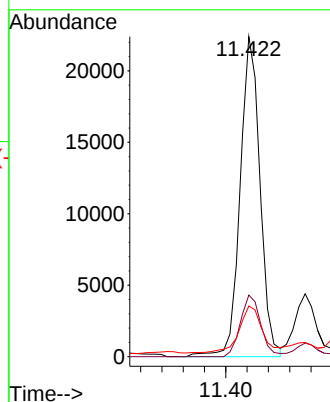
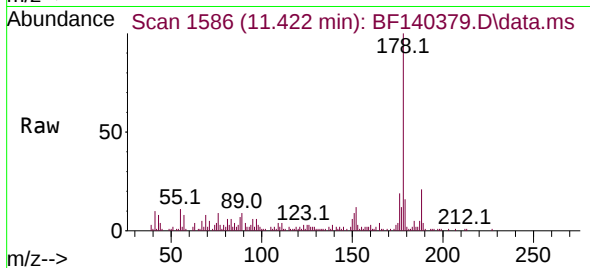




#72
 Anthracene
 Concen: 2.094 ng
 RT: 11.422 min Scan# 1586
 Delta R.T. -0.059 min
 Lab File: BF140379.D
 Acq: 14 Nov 2024 22:47

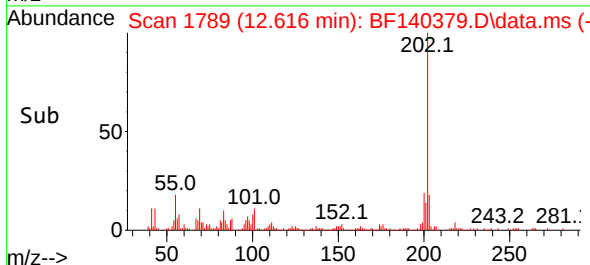
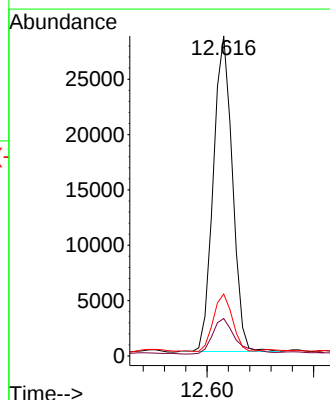
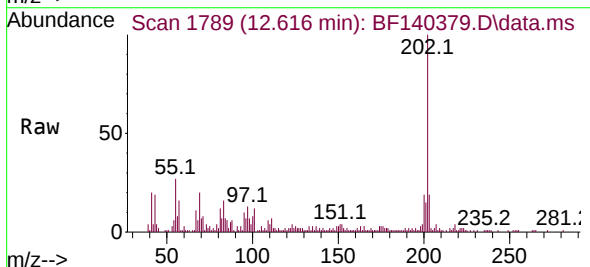
Instrument :
 BNA_F
 ClientSampleId :
 BP-B2DL

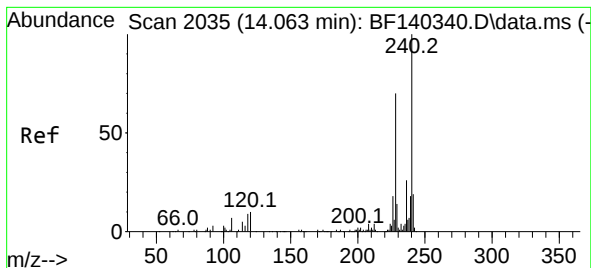
Tgt Ion:178 Resp: 29071
 Ion Ratio Lower Upper
 178 100
 176 19.3 15.4 23.0
 179 15.9 12.6 18.8



#75
 Fluoranthene
 Concen: 2.239 ng
 RT: 12.616 min Scan# 1789
 Delta R.T. -0.000 min
 Lab File: BF140379.D
 Acq: 14 Nov 2024 22:47

Tgt Ion:202 Resp: 35570
 Ion Ratio Lower Upper
 202 100
 101 11.7 0.0 30.7
 203 19.4 0.0 37.7





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF140379.D

Acq: 14 Nov 2024 22:47

Instrument :

BNA_F

ClientSampleId :

BP-B2DL

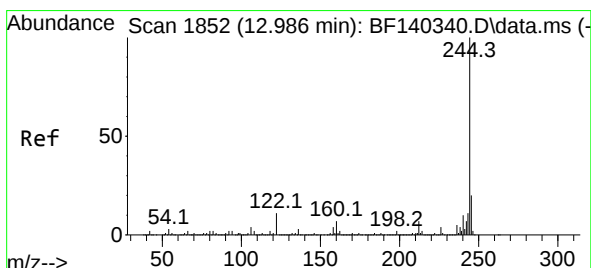
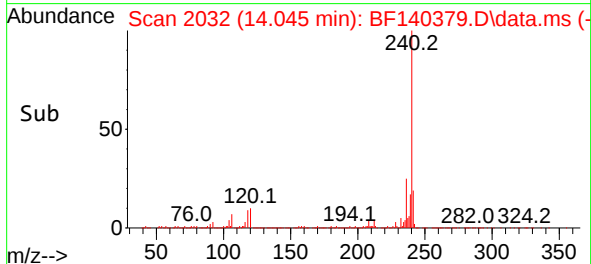
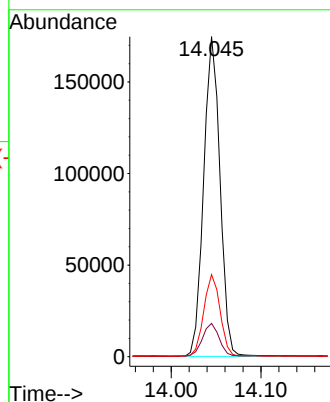
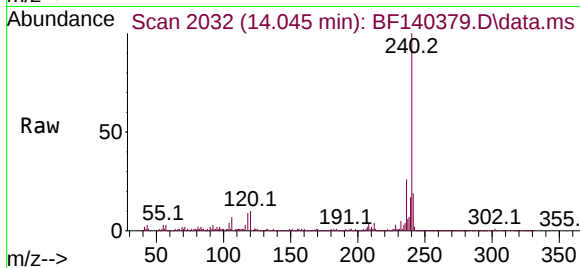
Tgt Ion:240 Resp: 220485

Ion Ratio Lower Upper

240 100

120 10.4 8.8 13.2

236 25.6 20.9 31.3



#79

Terphenyl-d14

Concen: 12.576 ng

RT: 12.986 min Scan# 1852

Delta R.T. -0.000 min

Lab File: BF140379.D

Acq: 14 Nov 2024 22:47

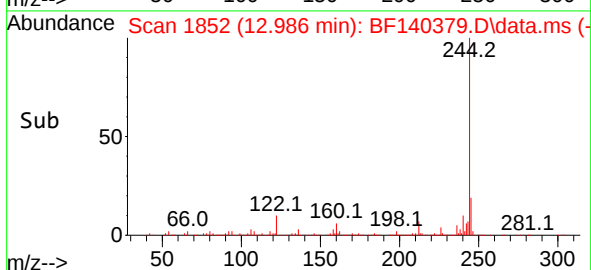
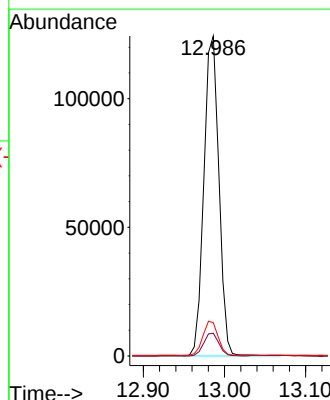
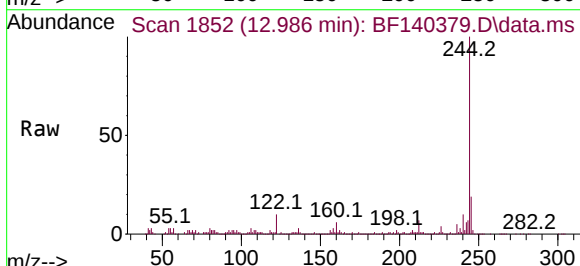
Tgt Ion:244 Resp: 159744

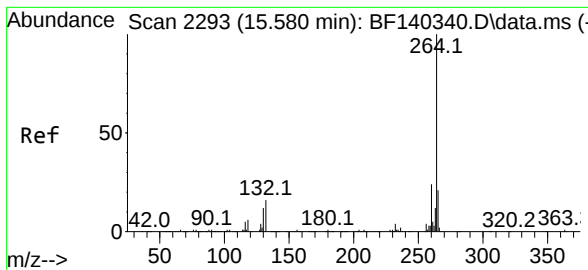
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

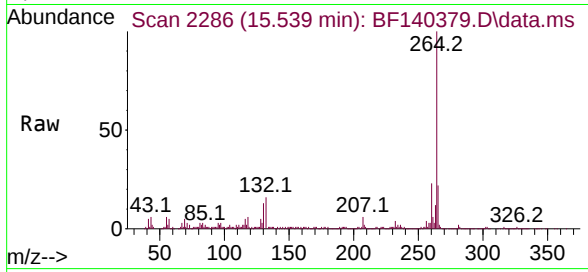
122 10.4 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.539 min Scan# 21
 Delta R.T. -0.018 min
 Lab File: BF140379.D
 Acq: 14 Nov 2024 22:47

Instrument :
 BNA_F
 ClientSampleId :
 BP-B2DL



Tgt Ion:264 Resp: 153569

Ion	Ratio	Lower	Upper
264	100		
260	23.4	19.2	28.8
265	21.7	17.1	25.7

