

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140399.D
 Acq On : 15 Nov 2024 13:18
 Operator : RC/JU
 Sample : P4799-11
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-TA1-01-C

Quant Time: Nov 15 14:04:17 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)

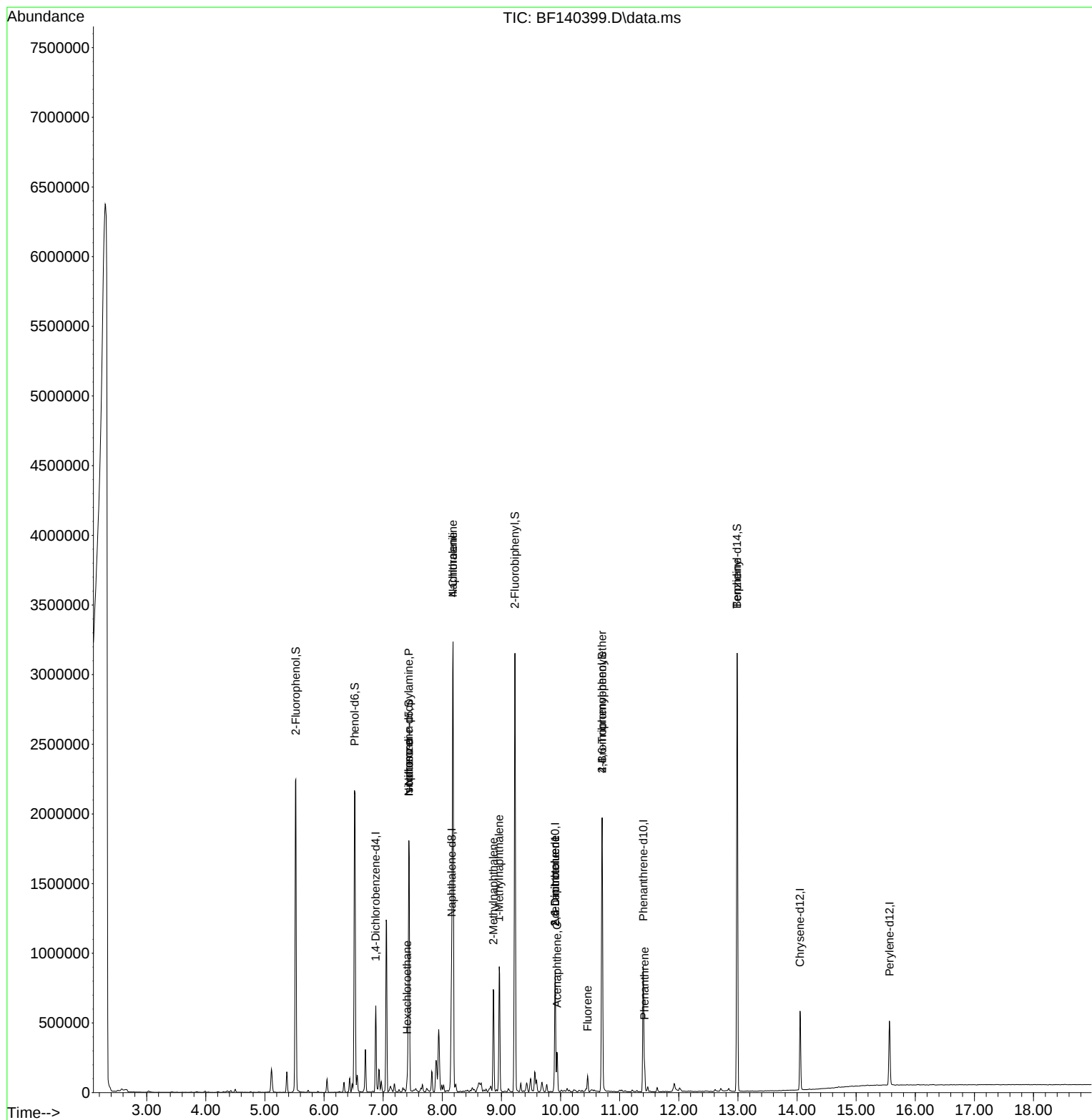
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	127141	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	473766	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	259206	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	478884	20.000	ng	0.00
76) Chrysene-d12	14.051	240	265821	20.000	ng	0.00
86) Perylene-d12	15.563	264	271820	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	871858	117.082	ng	0.03
7) Phenol-d6	6.516	99	1093135	108.351	ng	0.01
23) Nitrobenzene-d5	7.434	82	788403	86.705	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	344401	133.613	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1409740	87.429	ng	0.00
79) Terphenyl-d14	12.986	244	1534702	100.215	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.404	117	10695	3.233	ng	# 1
19) n-Nitroso-di-n-propyla...	7.434	70	107665	17.669	ng	# 78
25) Isophorone	7.434	82	776309	48.172	ng	# 66
31) Naphthalene	8.181	128	2114875	87.998	ng	100
33) 4-Chloroaniline	8.181	127	282867	33.843	ng	# 32
37) 2-Methylnaphthalene	8.863	142	286408	18.585	ng	99
38) 1-Methylnaphthalene	8.963	142	338220	22.412	ng	100
51) 2,6-Dinitrotoluene	9.910	165	35657	9.257	ng	# 23
52) Acenaphthene	9.939	154	87029	5.929	ng	98
57) 2,4-Dinitrotoluene	9.910	165	35657	7.034	ng	# 21
58) Fluorene	10.457	166	49290	3.003	ng	98
67) 4-Bromophenyl-phenylether	10.704	248	22164	4.630	ng	# 1
71) Phenanthrene	11.422	178	90172	4.008	ng	100
77) Benzidine	12.986	184	21394	2.097	ng	# 94

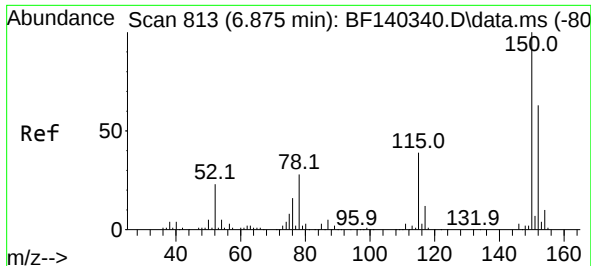
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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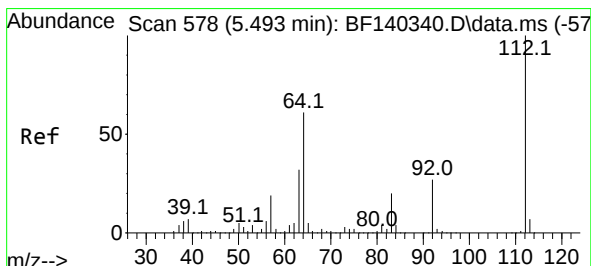
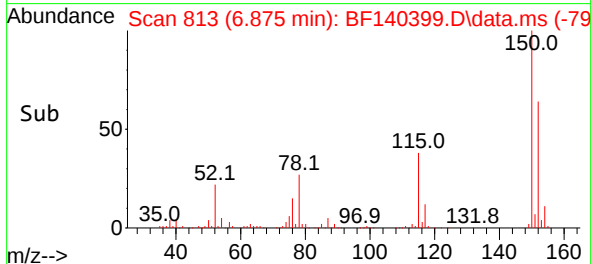
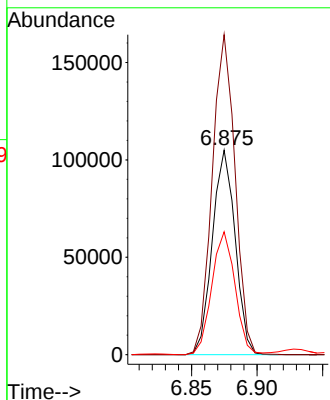
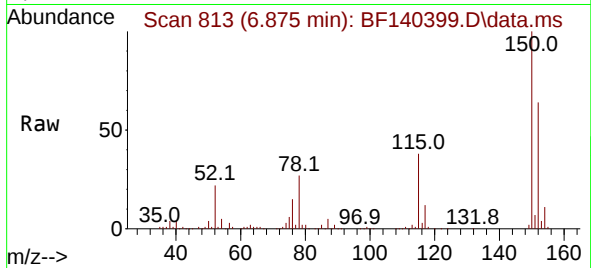




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 81
Delta R.T. -0.006 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

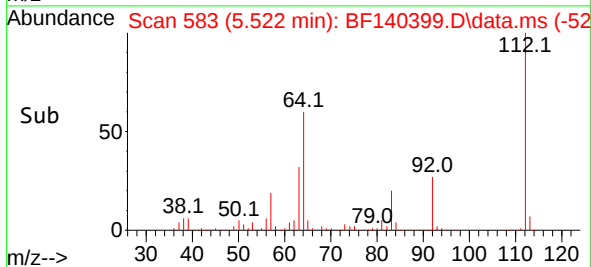
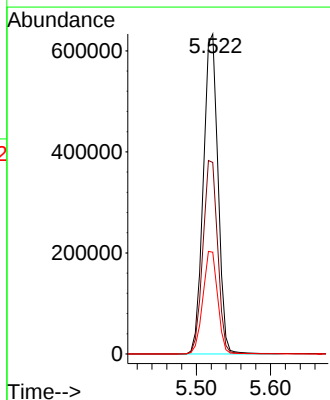
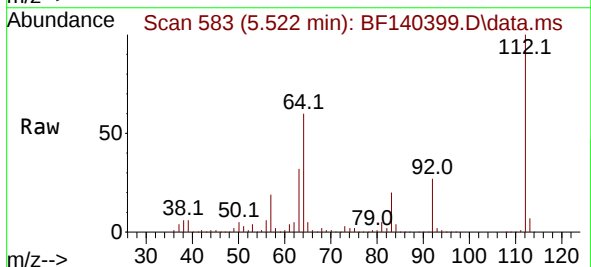
Instrument :
BNA_F
ClientSampleId :
WC-TA1-01-C

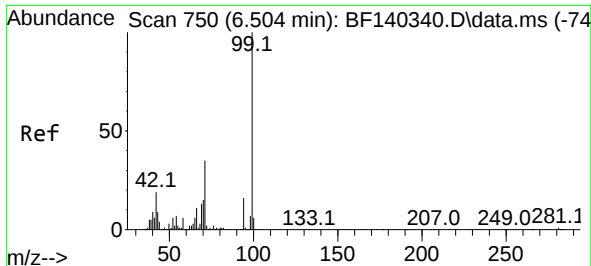
Tgt Ion:152 Resp: 127141
Ion Ratio Lower Upper
152 100
150 156.5 127.4 191.0
115 60.1 47.4 71.2



#5
2-Fluorophenol
Concen: 117.082 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.029 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

Tgt Ion:112 Resp: 871858
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 31.8 25.6 38.4

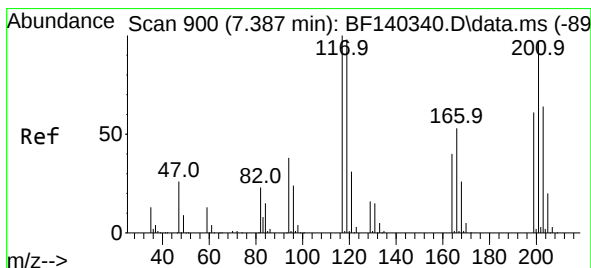
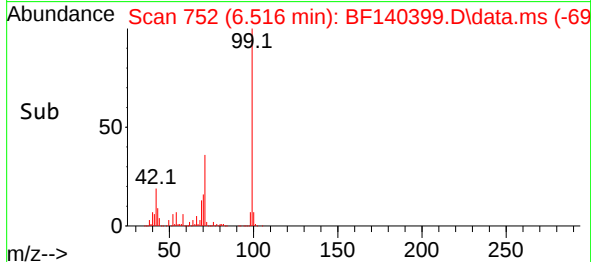
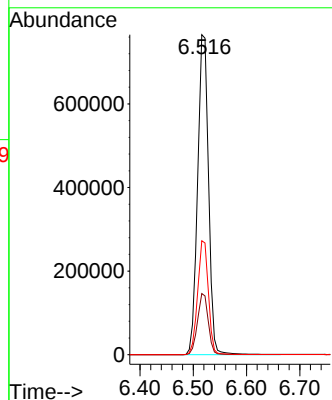
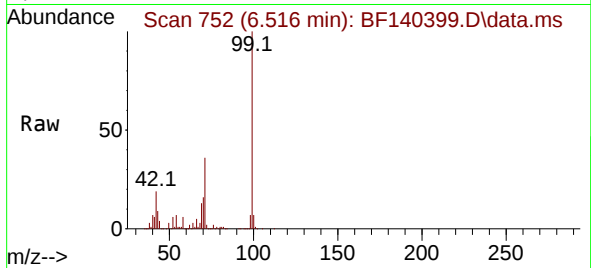




#7
Phenol-d6
Concen: 108.351 ng
RT: 6.516 min Scan# 71
Delta R.T. 0.012 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

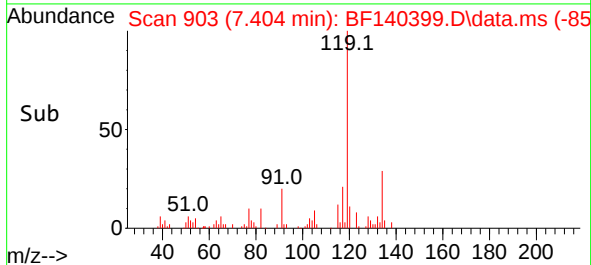
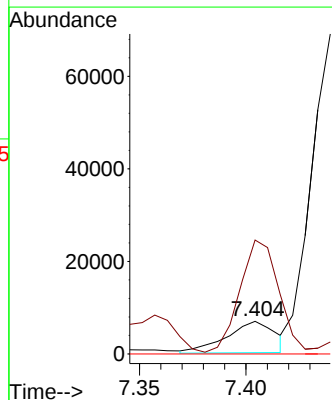
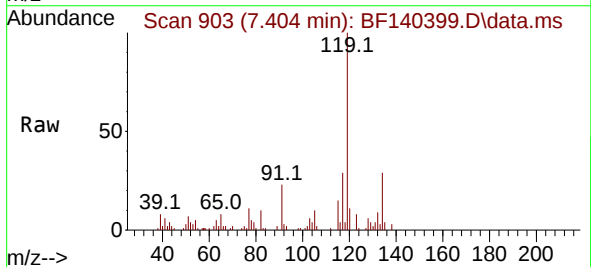
Instrument :
BNA_F
ClientSampleId :
WC-TA1-01-C

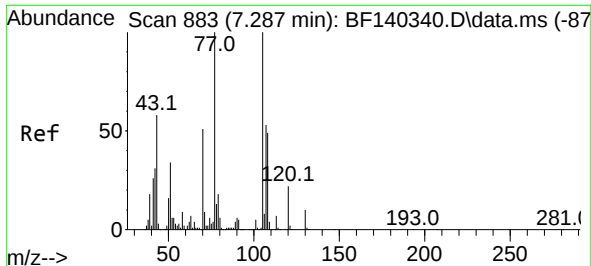
Tgt Ion: 99 Resp: 1093135
Ion Ratio Lower Upper
99 100
42 19.1 15.1 22.7
71 35.6 27.9 41.9



#18
Hexachloroethane
Concen: 3.233 ng
RT: 7.404 min Scan# 903
Delta R.T. 0.012 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

Tgt Ion: 117 Resp: 10695
Ion Ratio Lower Upper
117 100
119 348.7 76.9 115.3#
201 0.0 80.2 120.4#

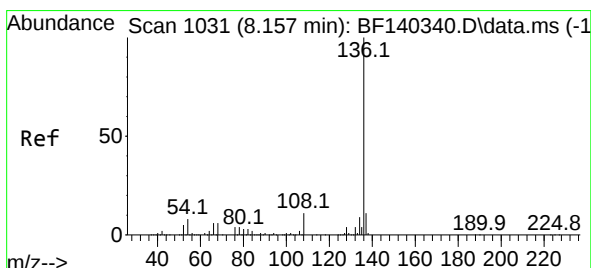
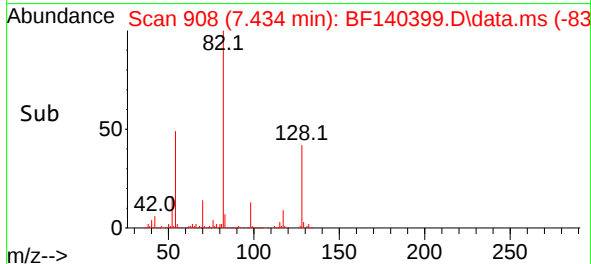
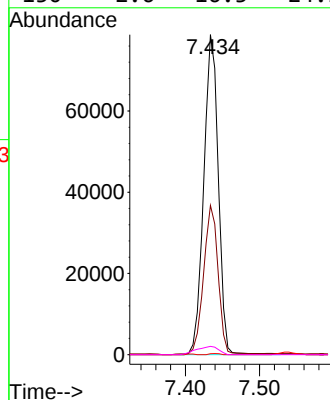
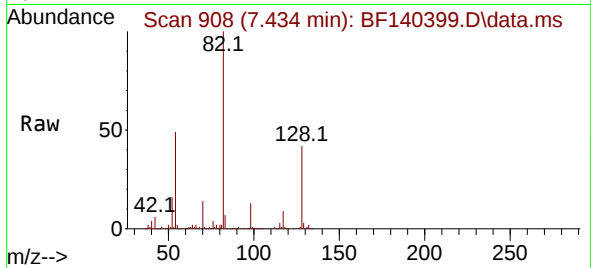




#19
n-Nitroso-di-n-propylamine
Concen: 17.669 ng
RT: 7.434 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

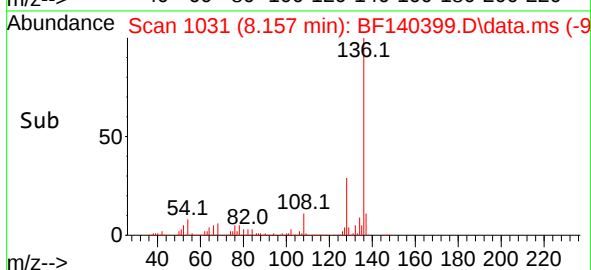
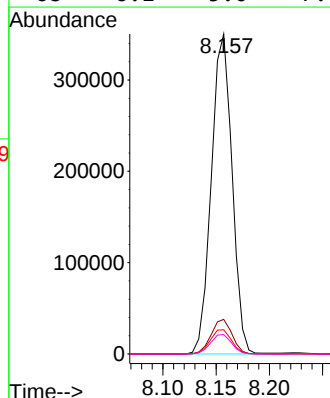
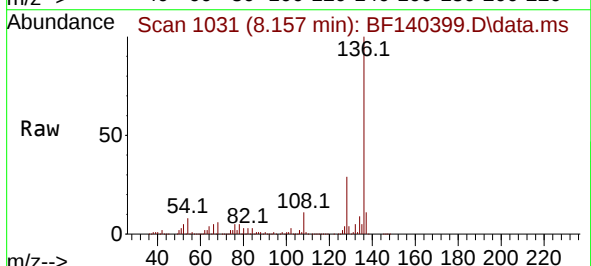
Instrument :
BNA_F
ClientSampleId :
WC-TA1-01-C

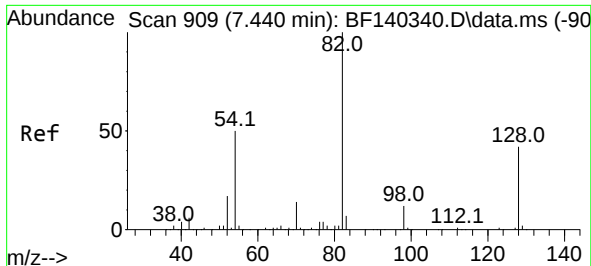
Tgt Ion: 70 Resp: 107665
Ion Ratio Lower Upper
70 100
42 46.7 46.8 70.2#
101 0.3 7.5 11.3#
130 2.6 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

Tgt Ion:136 Resp: 473766
Ion Ratio Lower Upper
136 100
137 10.8 8.7 13.1
54 7.6 6.5 9.7
68 6.1 5.0 7.6





#23

Nitrobenzene-d5

Concen: 86.705 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.006 min

Lab File: BF140399.D

Acq: 15 Nov 2024 13:18

Instrument :

BNA_F

ClientSampleId :

WC-TA1-01-C

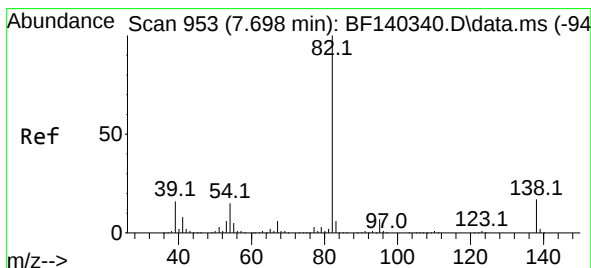
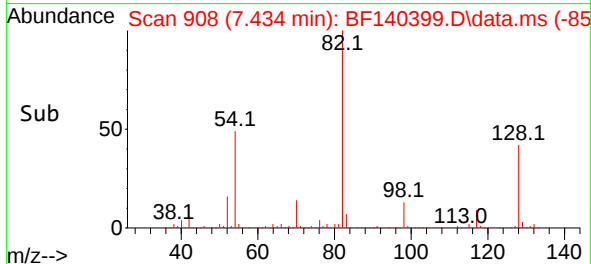
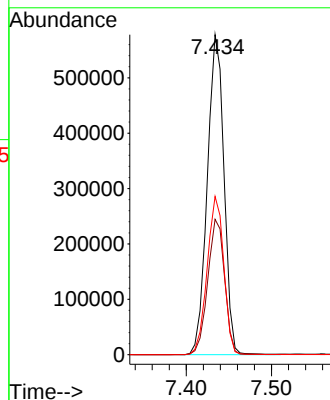
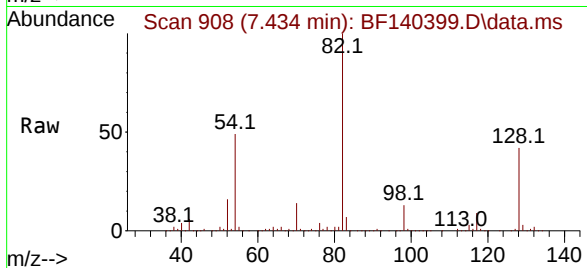
Tgt Ion: 82 Resp: 788403

Ion Ratio Lower Upper

82 100

128 42.3 33.3 49.9

54 49.4 39.8 59.8



#25

Isophorone

Concen: 48.172 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.265 min

Lab File: BF140399.D

Acq: 15 Nov 2024 13:18

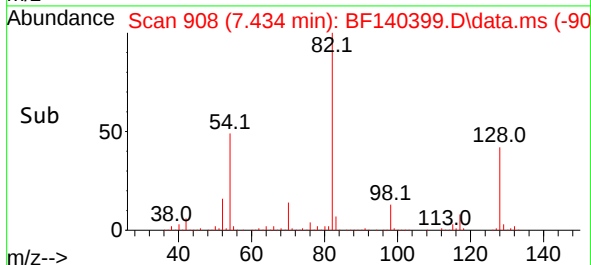
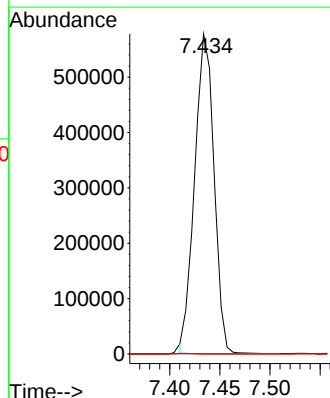
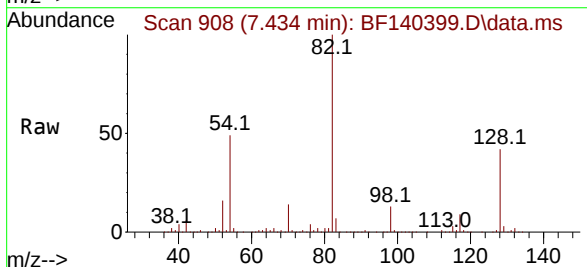
Tgt Ion: 82 Resp: 776309

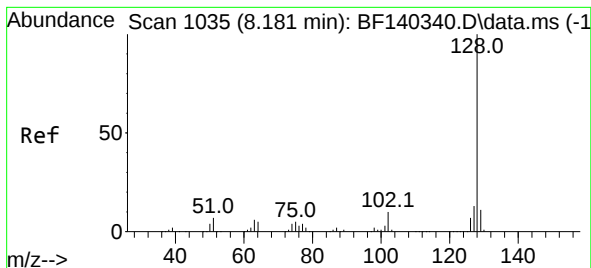
Ion Ratio Lower Upper

82 100

95 0.0 5.9 8.9#

138 0.0 13.4 20.2#





#31

Naphthalene

Concen: 87.998 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.000 min

Lab File: BF140399.D

Acq: 15 Nov 2024 13:18

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WC-TA1-01-C

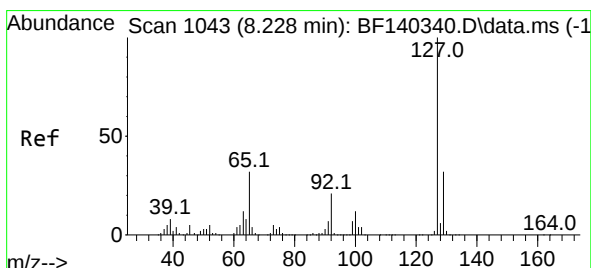
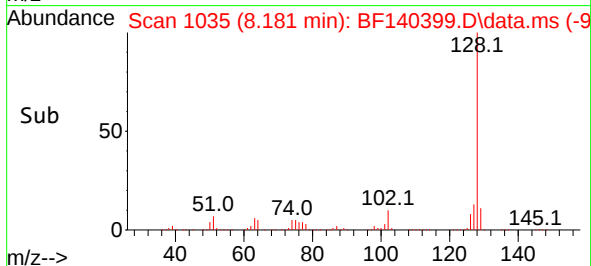
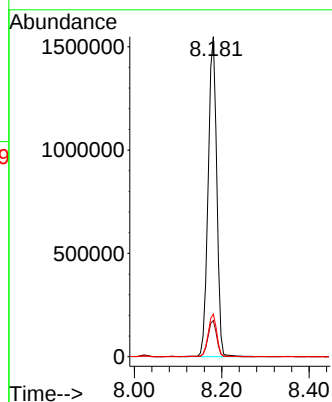
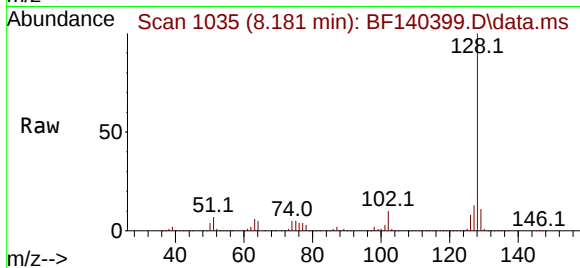
Tgt Ion:128 Resp: 2114875

Ion Ratio Lower Upper

128 100

129 11.3 8.9 13.3

127 13.3 10.6 15.8



#33

4-Chloroaniline

Concen: 33.843 ng

RT: 8.181 min Scan# 1035

Delta R.T. -0.047 min

Lab File: BF140399.D

Acq: 15 Nov 2024 13:18

Tgt Ion:127 Resp: 282867

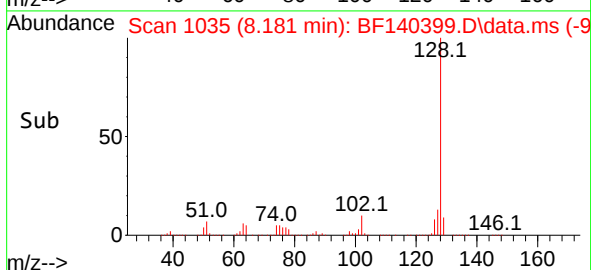
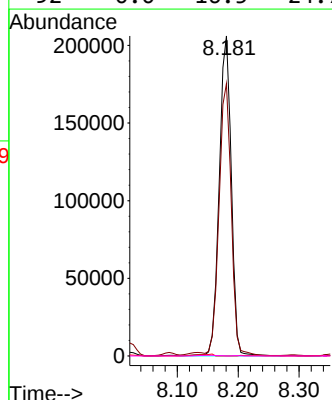
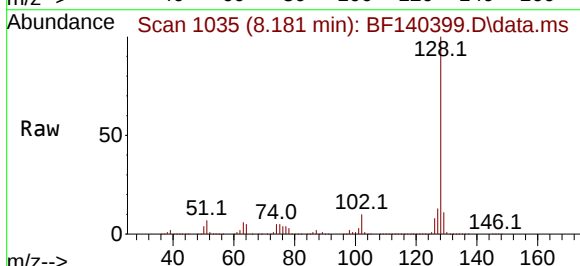
Ion Ratio Lower Upper

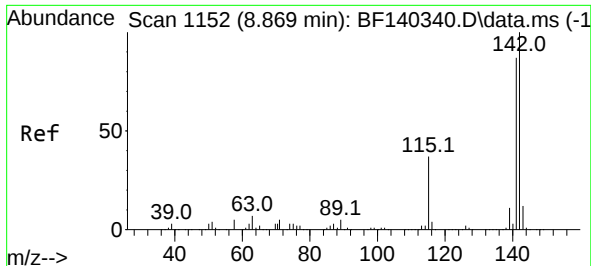
127 100

129 85.1 26.2 39.4#

65 0.0 25.8 38.6#

92 0.0 16.5 24.7#

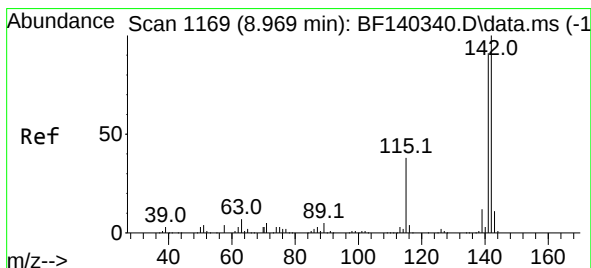
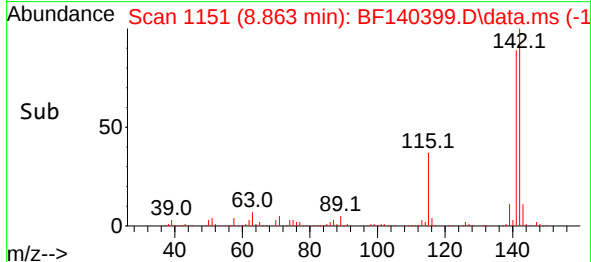
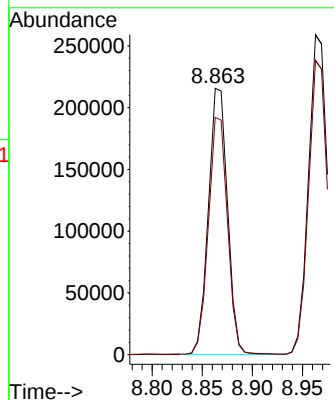
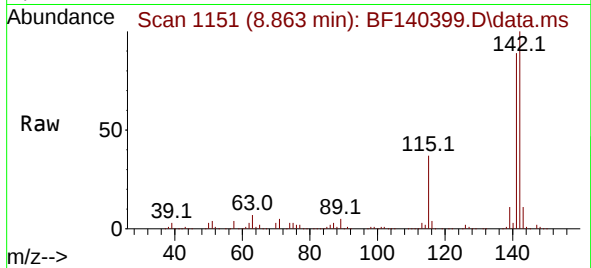




#37
2-Methylnaphthalene
Concen: 18.585 ng
RT: 8.863 min Scan# 1151
Delta R.T. -0.006 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

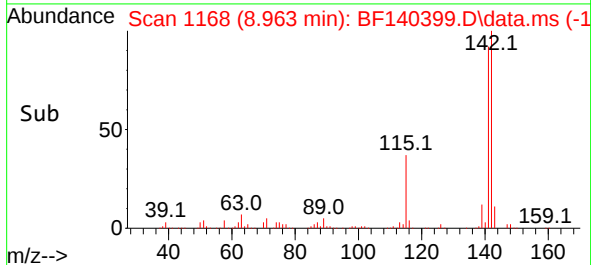
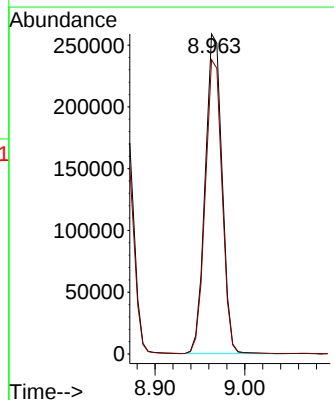
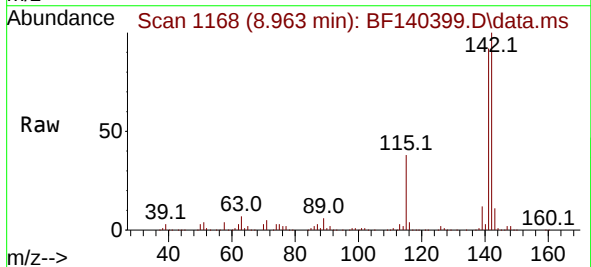
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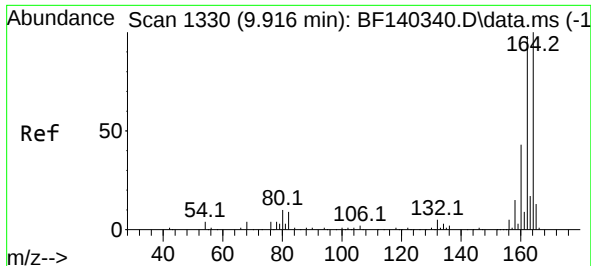
Tgt Ion:142 Resp: 286408
Ion Ratio Lower Upper
142 100
141 89.1 70.4 105.6



#38
1-Methylnaphthalene
Concen: 22.412 ng
RT: 8.963 min Scan# 1168
Delta R.T. -0.006 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

Tgt Ion:142 Resp: 338220
Ion Ratio Lower Upper
142 100
141 91.9 73.6 110.4





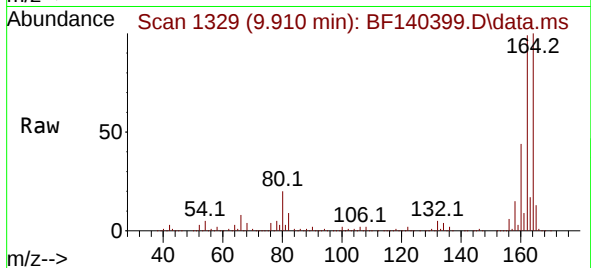
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

Instrument :

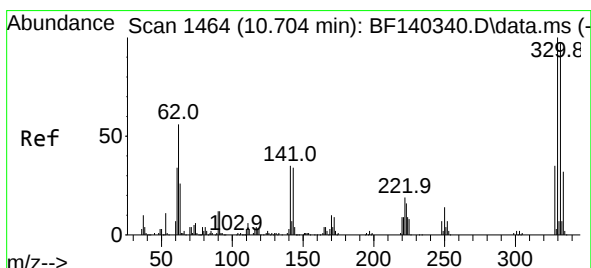
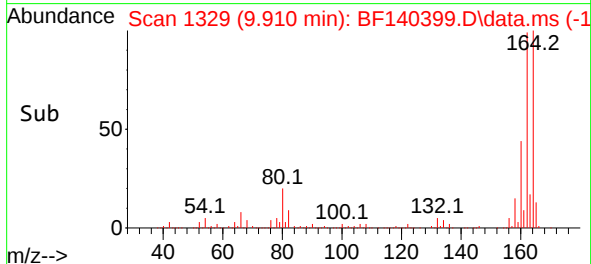
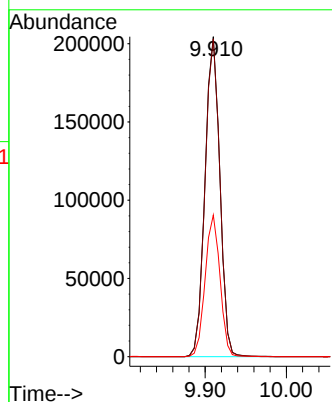
BNA_F

ClientSampleId :

WC-TA1-01-C

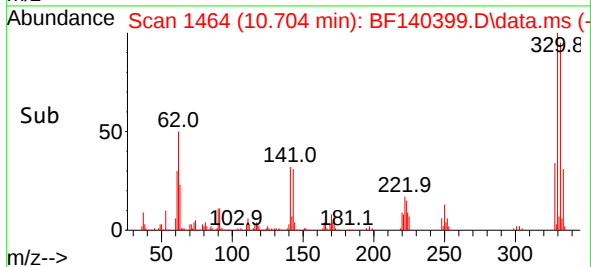
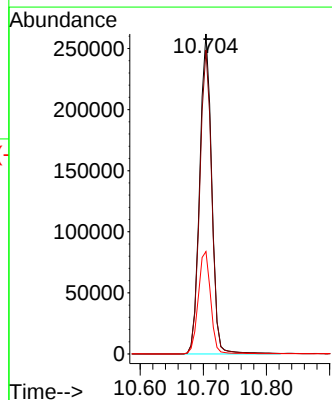
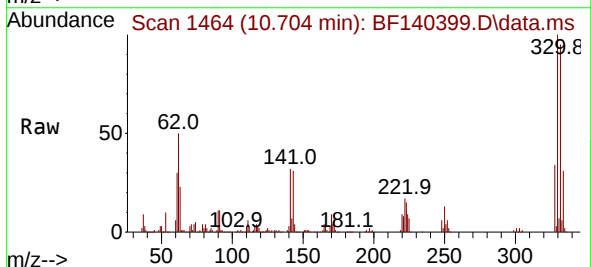


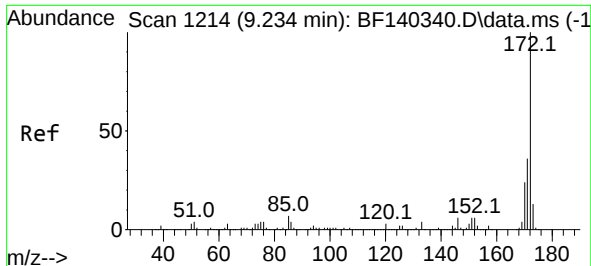
Tgt Ion:164 Resp: 259206
Ion Ratio Lower Upper
164 100
162 99.3 79.8 119.8
160 44.3 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 133.613 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

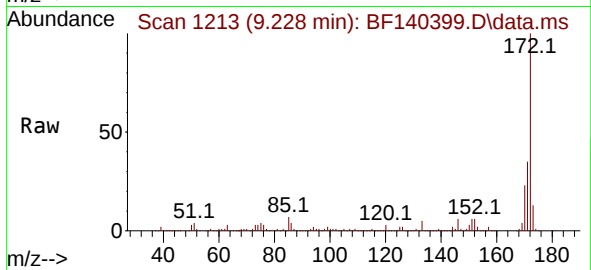
Tgt Ion:330 Resp: 344401
Ion Ratio Lower Upper
330 100
332 95.7 75.9 113.9
141 33.2 26.9 40.3



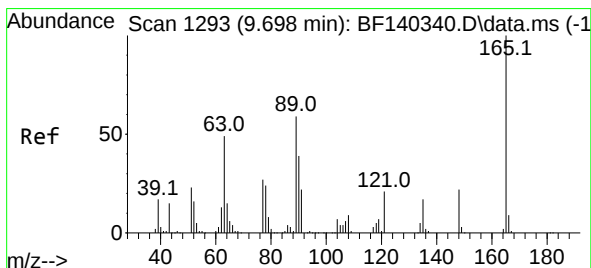
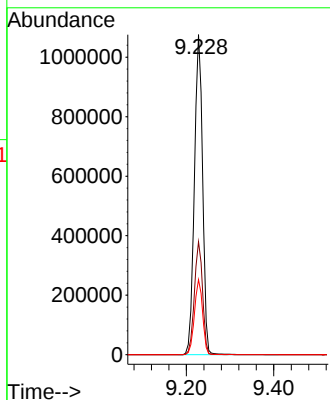
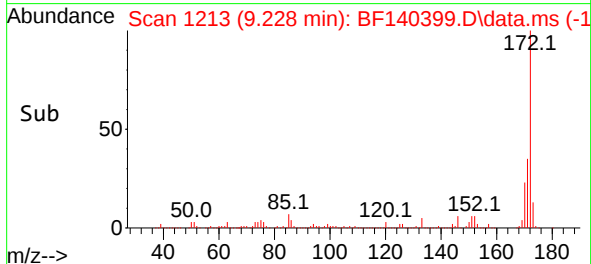


#45
2-Fluorobiphenyl
Concen: 87.429 ng
RT: 9.228 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

Instrument :
BNA_F
ClientSampleId :
WC-TA1-01-C

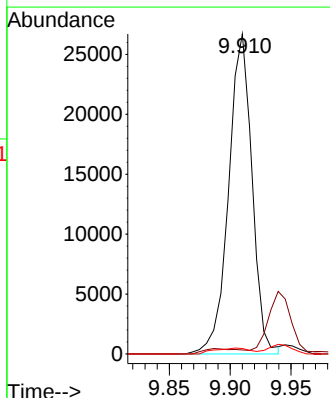
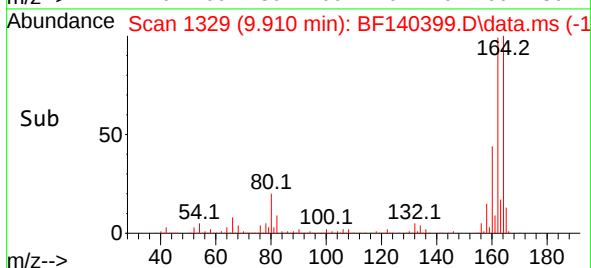
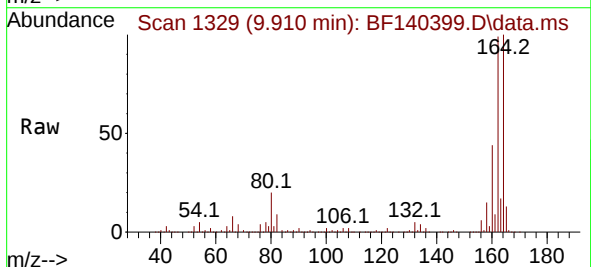


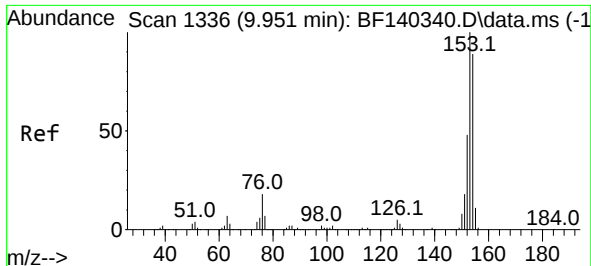
Tgt Ion:172 Resp: 1409740
Ion Ratio Lower Upper
172 100
171 35.3 28.5 42.7
170 23.5 19.1 28.7



#51
2,6-Dinitrotoluene
Concen: 9.257 ng
RT: 9.910 min Scan# 1329
Delta R.T. 0.212 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

Tgt Ion:165 Resp: 35657
Ion Ratio Lower Upper
165 100
63 1.3 47.6 71.4#
89 1.7 48.1 72.1#

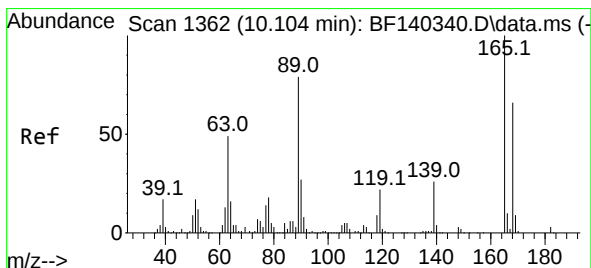
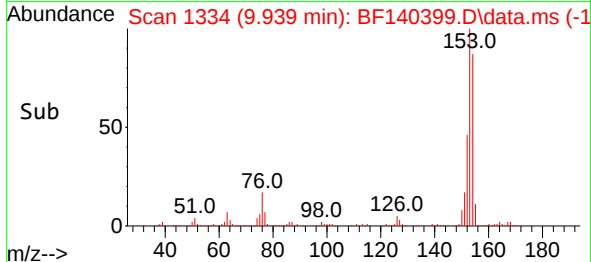
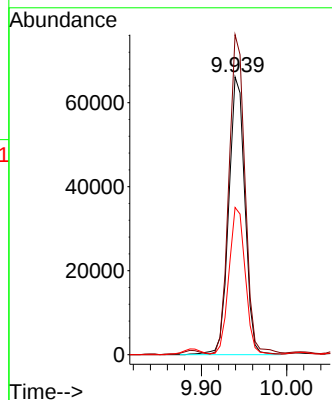
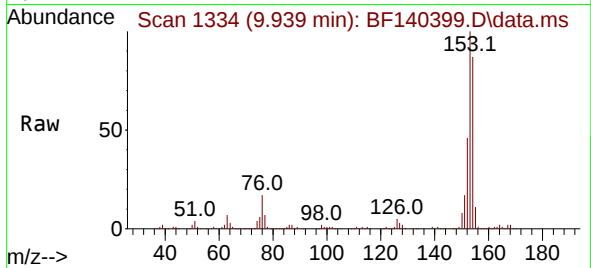




#52
Acenaphthene
Concen: 5.929 ng
RT: 9.939 min Scan# 11
Delta R.T. -0.012 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

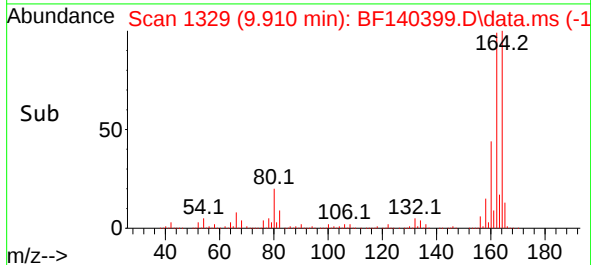
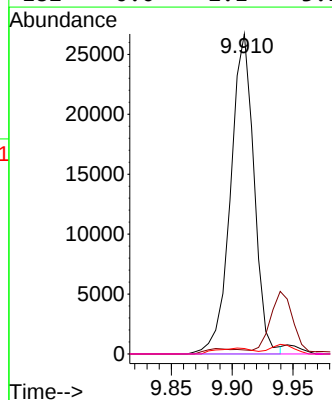
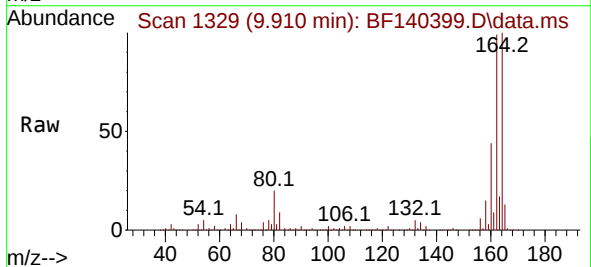
Instrument :
BNA_F
ClientSampleId :
WC-TA1-01-C

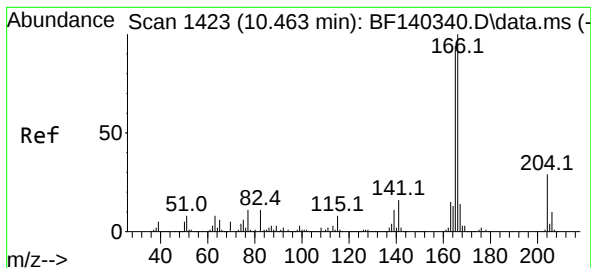
Tgt Ion:154 Resp: 87029
Ion Ratio Lower Upper
154 100
153 115.2 89.8 134.8
152 53.0 42.6 64.0



#57
2,4-Dinitrotoluene
Concen: 7.034 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

Tgt Ion:165 Resp: 35657
Ion Ratio Lower Upper
165 100
63 1.3 39.4 59.0#
89 1.7 62.4 93.6#
182 0.0 2.1 3.1#





#58

Fluorene

Concen: 3.003 ng

RT: 10.457 min Scan# 1422

Delta R.T. -0.006 min

Lab File: BF140399.D

Acq: 15 Nov 2024 13:18

Instrument :

BNA_F

ClientSampleId :

WC-TA1-01-C

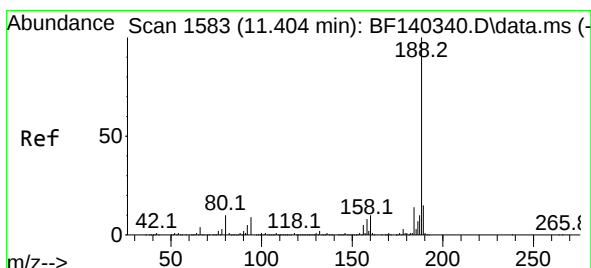
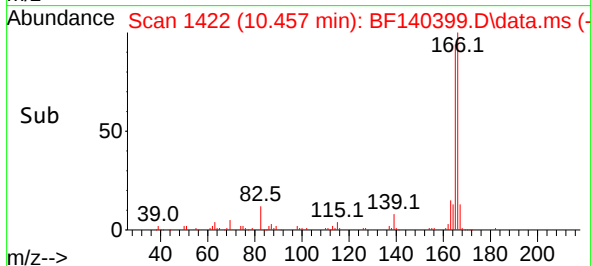
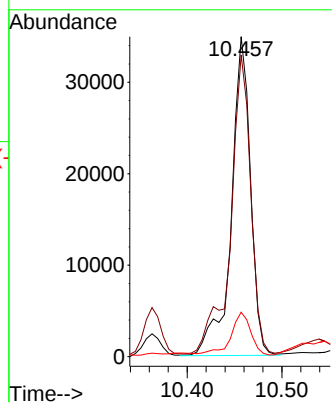
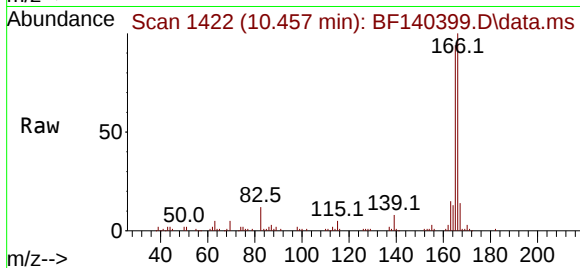
Tgt Ion:166 Resp: 49290

Ion Ratio Lower Upper

166 100

165 94.3 73.9 110.9

167 13.9 10.9 16.3



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.006 min

Lab File: BF140399.D

Acq: 15 Nov 2024 13:18

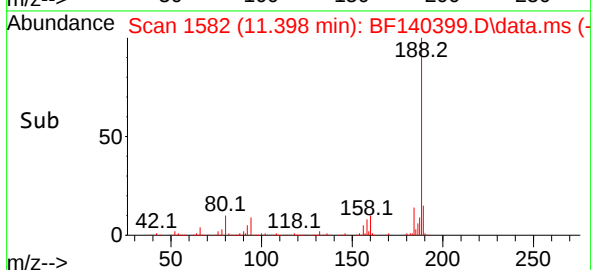
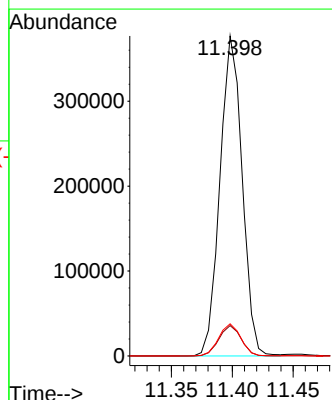
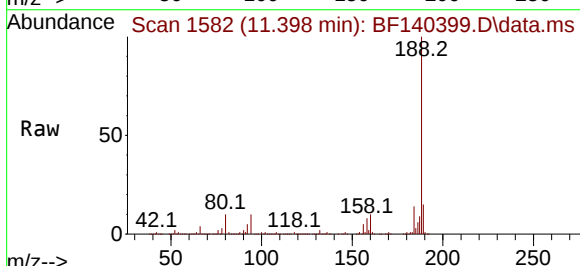
Tgt Ion:188 Resp: 478884

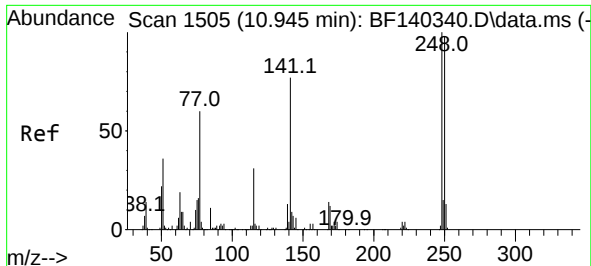
Ion Ratio Lower Upper

188 100

94 9.5 7.6 11.4

80 10.1 8.0 12.0

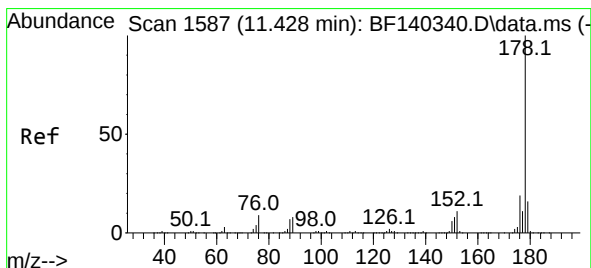
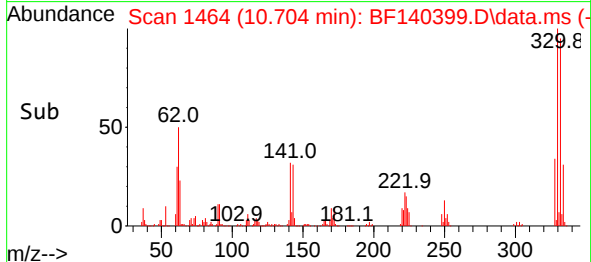
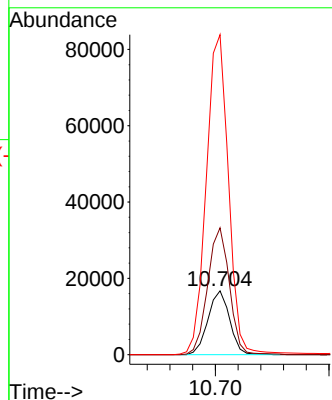
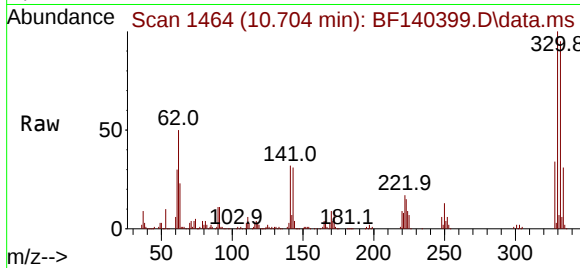




#67
4-Bromophenyl-phenylether
Concen: 4.630 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

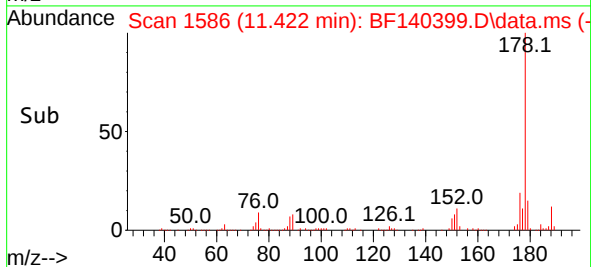
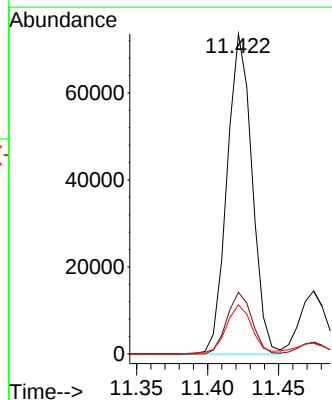
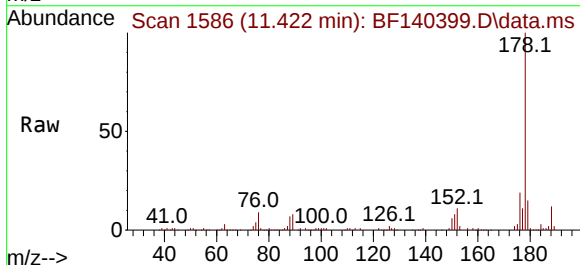
Instrument :
BNA_F
ClientSampleId :
WC-TA1-01-C

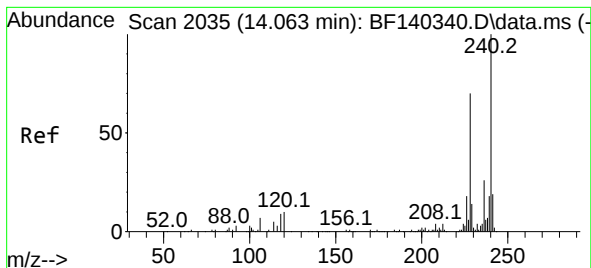
Tgt Ion:248 Resp: 22164
Ion Ratio Lower Upper
248 100
250 198.7 77.9 116.9#
141 501.1 61.8 92.6#



#71
Phenanthrene
Concen: 4.008 ng
RT: 11.422 min Scan# 1586
Delta R.T. -0.006 min
Lab File: BF140399.D
Acq: 15 Nov 2024 13:18

Tgt Ion:178 Resp: 90172
Ion Ratio Lower Upper
178 100
176 19.3 15.5 23.3
179 15.4 12.4 18.6





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.051 min Scan# 2035

Delta R.T. 0.000 min

Lab File: BF140399.D

Acq: 15 Nov 2024 13:18

Instrument :

BNA_F

ClientSampleId :

WC-TA1-01-C

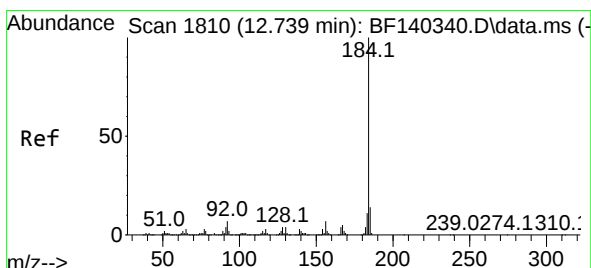
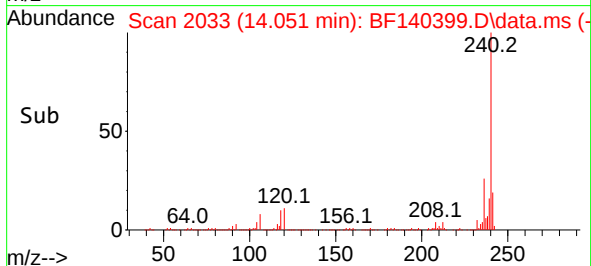
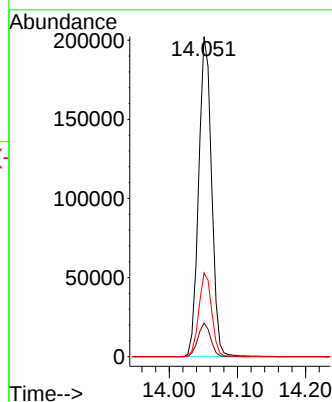
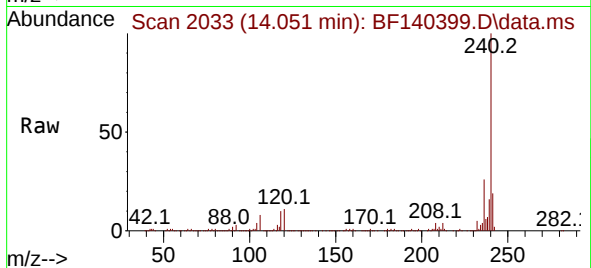
Tgt Ion:240 Resp: 265821

Ion Ratio Lower Upper

240 100

120 10.5 8.8 13.2

236 26.2 20.9 31.3



#77

Benzidine

Concen: 2.097 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.253 min

Lab File: BF140399.D

Acq: 15 Nov 2024 13:18

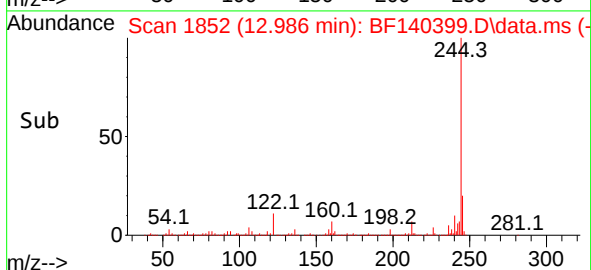
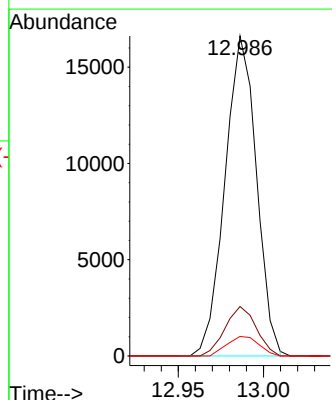
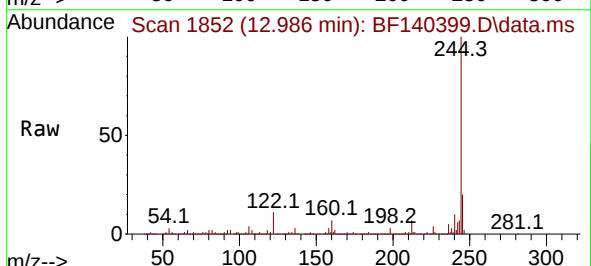
Tgt Ion:184 Resp: 21394

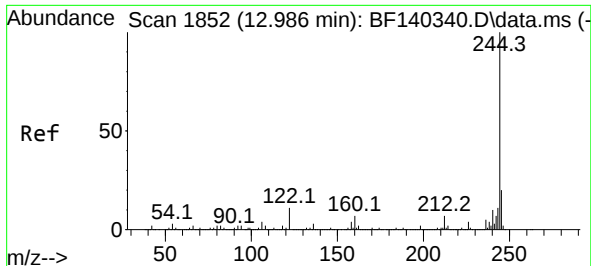
Ion Ratio Lower Upper

184 100

185 15.4 11.9 17.9

183 6.1 8.6 13.0#

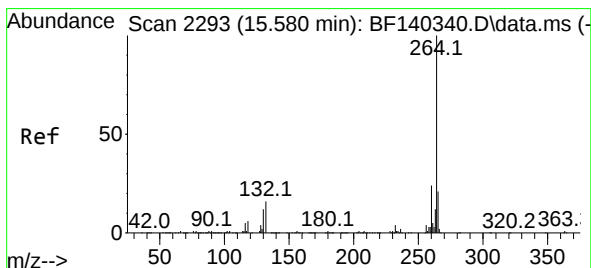
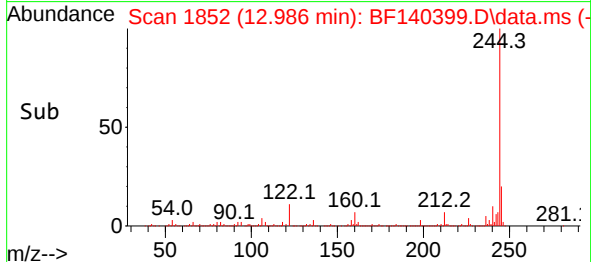
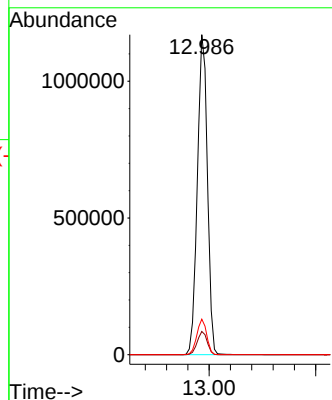
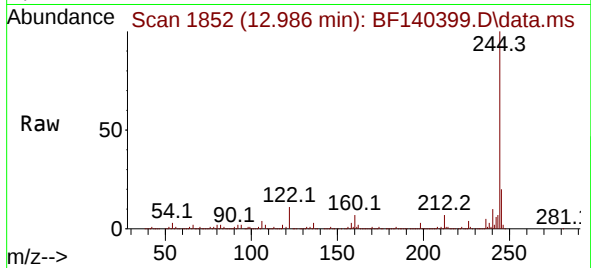




#79
 Terphenyl-d14
 Concen: 100.215 ng
 RT: 12.986 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF140399.D
 Acq: 15 Nov 2024 13:18

Instrument :
 BNA_F
 ClientSampleId :
 WC-TA1-01-C

Tgt Ion:244 Resp: 1534702
 Ion Ratio Lower Upper
 244 100
 212 7.2 5.8 8.8
 122 11.1 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.563 min Scan# 2290
 Delta R.T. 0.006 min
 Lab File: BF140399.D
 Acq: 15 Nov 2024 13:18

Tgt Ion:264 Resp: 271820
 Ion Ratio Lower Upper
 264 100
 260 23.3 19.2 28.8
 265 21.3 17.1 25.7

