

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140400.D
 Acq On : 15 Nov 2024 13:44
 Operator : RC/JU
 Sample : P4799-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-TA1-02-C

Quant Time: Nov 15 14:37:56 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)

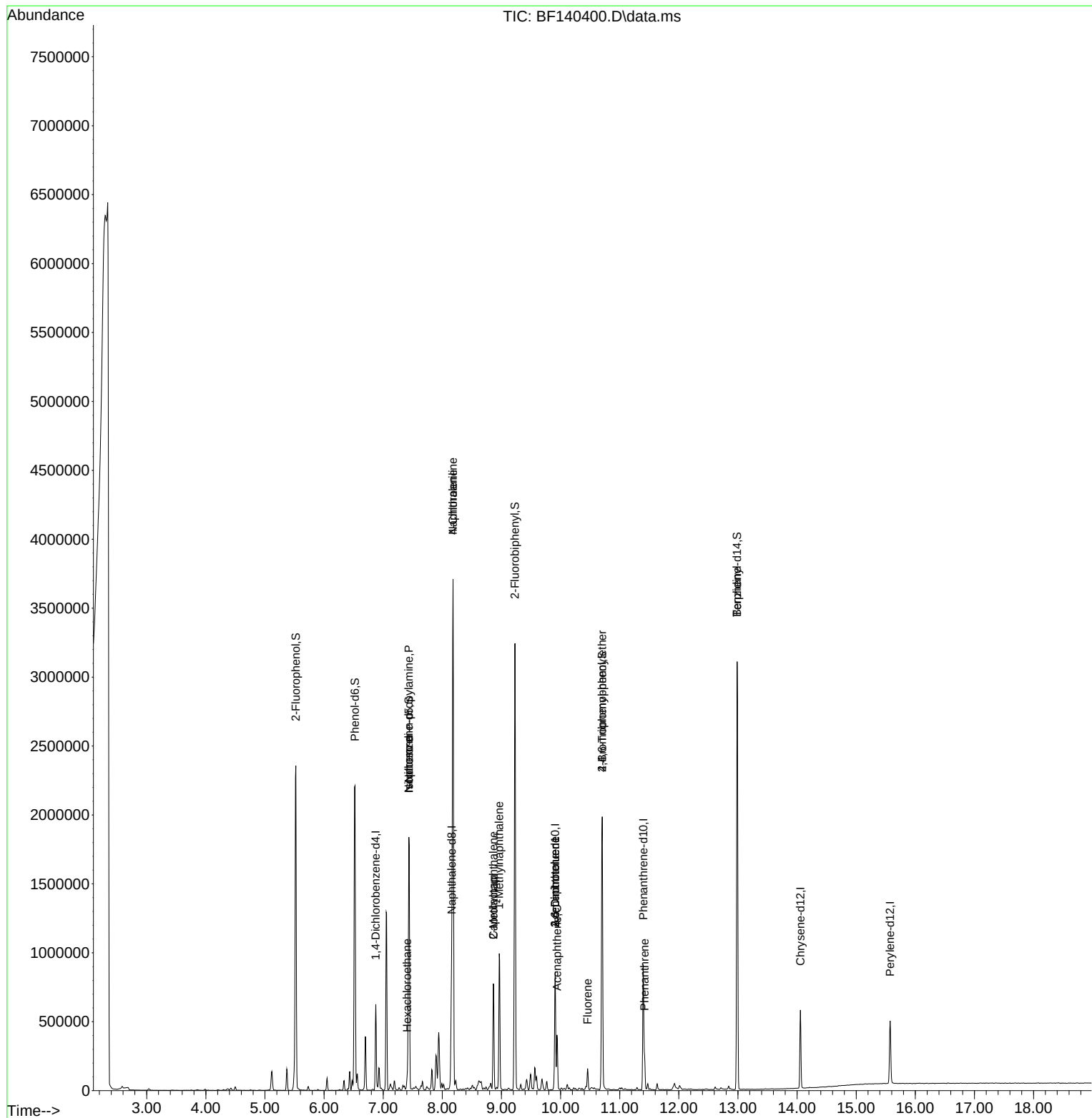
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	127725	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	475585	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	257897	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	475367	20.000	ng	0.00
76) Chrysene-d12	14.057	240	266960	20.000	ng	0.00
86) Perylene-d12	15.574	264	271374	20.000	ng	0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	907217	121.274	ng	0.03
7) Phenol-d6	6.522	99	1129940	111.487	ng	0.02
23) Nitrobenzene-d5	7.433	82	828661	90.784	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	343133	133.797	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1466668	91.422	ng	0.00
79) Terphenyl-d14	12.986	244	1545339	100.479	ng	0.00
Target Compounds						Qvalue
18) Hexachloroethane	7.404	117	10945	3.293	ng	# 1
19) n-Nitroso-di-n-propyla...	7.433	70	111975	18.293	ng	# 78
25) Isophorone	7.433	82	817103	50.509	ng	# 67
31) Naphthalene	8.180	128	2421043	100.352	ng	# 99
33) 4-Chloroaniline	8.180	127	324024	38.619	ng	# 32
35) Caprolactam	8.863	113	7255	3.271	ng	# 1
37) 2-Methylnaphthalene	8.863	142	298118	19.271	ng	# 100
38) 1-Methylnaphthalene	8.963	142	372798	24.609	ng	# 98
51) 2,6-Dinitrotoluene	9.910	165	35242	9.196	ng	# 23
52) Acenaphthene	9.939	154	119053	8.151	ng	# 97
57) 2,4-Dinitrotoluene	9.910	165	35242	6.987	ng	# 20
58) Fluorene	10.457	166	66551	4.075	ng	# 98
67) 4-Bromophenyl-phenylether	10.704	248	22357	4.705	ng	# 1
71) Phenanthrene	11.421	178	119044	5.331	ng	# 99
77) Benzidine	12.986	184	21159	2.065	ng	# 94

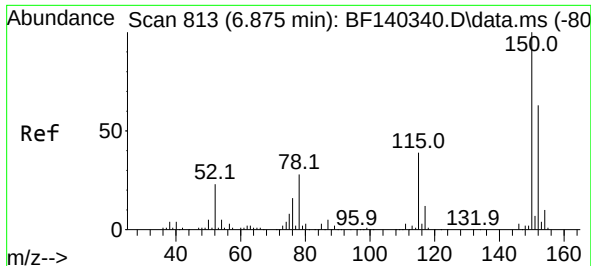
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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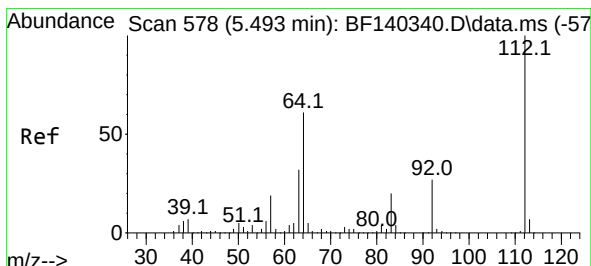
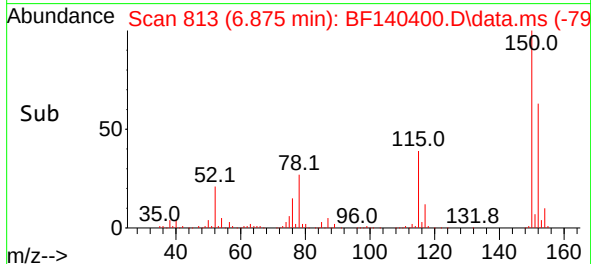
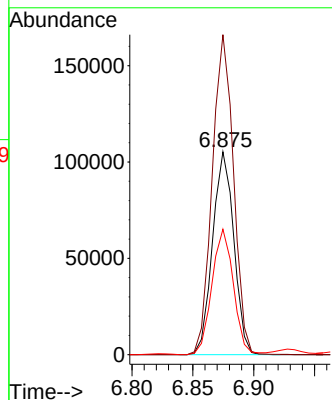
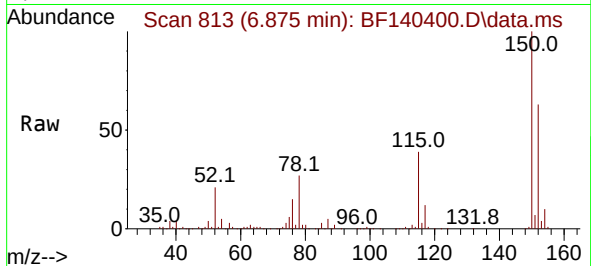




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

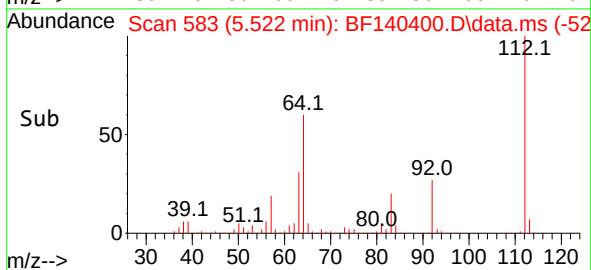
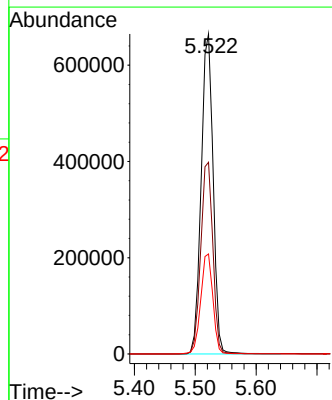
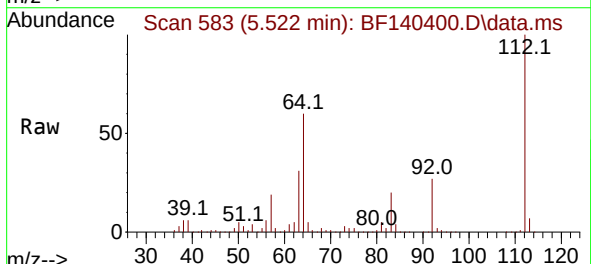
Instrument :
BNA_F
ClientSampleId :
WC-TA1-02-C

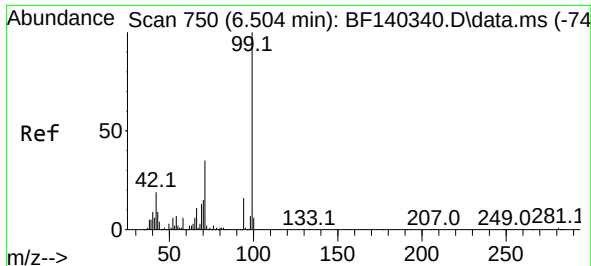
Tgt Ion:152 Resp: 127725
Ion Ratio Lower Upper
152 100
150 157.7 127.4 191.0
115 61.8 47.4 71.2



#5
2-Fluorophenol
Concen: 121.274 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.029 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

Tgt Ion:112 Resp: 907217
Ion Ratio Lower Upper
112 100
64 59.9 49.2 73.8
63 31.3 25.6 38.4





#7

Phenol-d6

Concen: 111.487 ng

RT: 6.522 min Scan# 71

Delta R.T. 0.017 min

Lab File: BF140400.D

Acq: 15 Nov 2024 13:44

Instrument :

BNA_F

ClientSampleId :

WC-TA1-02-C

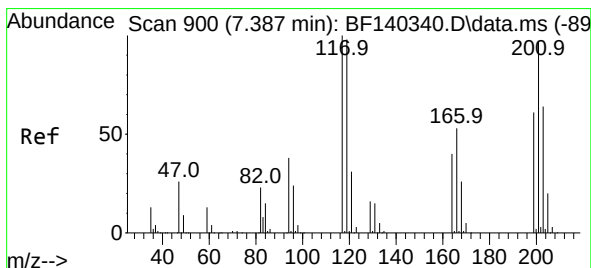
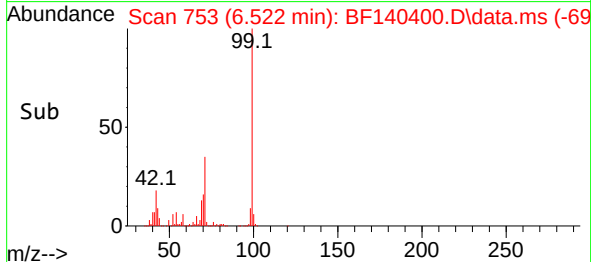
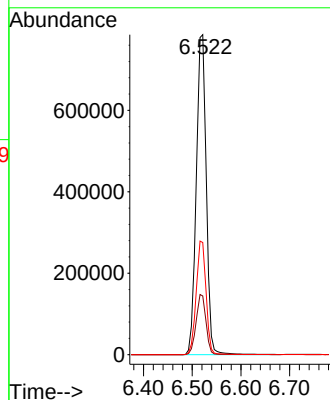
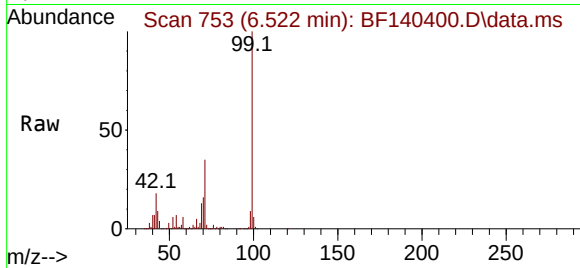
Tgt Ion: 99 Resp: 1129940

Ion Ratio Lower Upper

99 100

42 18.4 15.1 22.7

71 35.1 27.9 41.9



#18

Hexachloroethane

Concen: 3.293 ng

RT: 7.404 min Scan# 903

Delta R.T. 0.012 min

Lab File: BF140400.D

Acq: 15 Nov 2024 13:44

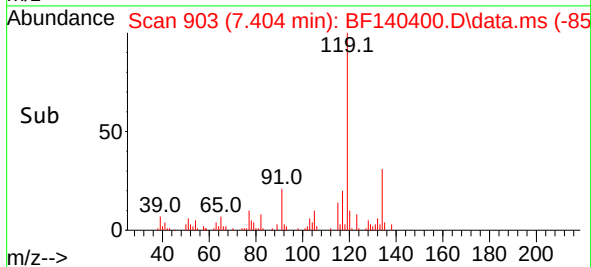
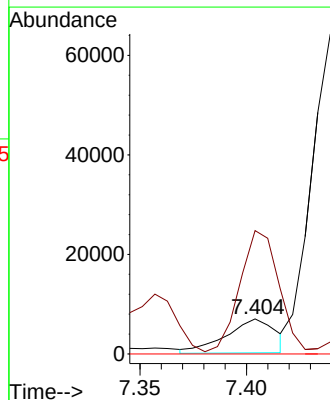
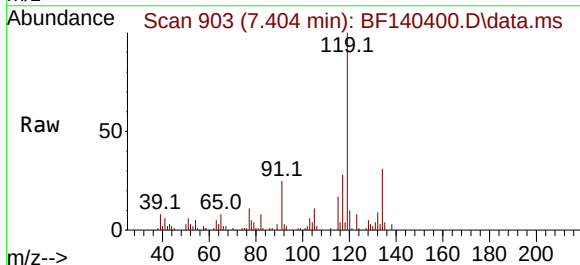
Tgt Ion: 117 Resp: 10945

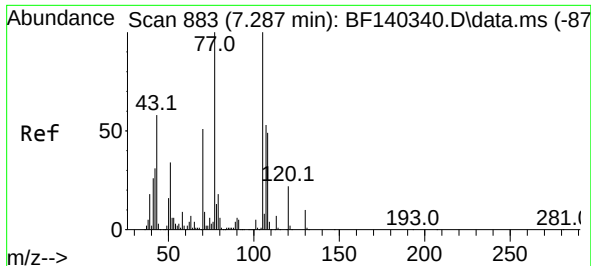
Ion Ratio Lower Upper

117 100

119 352.4 76.9 115.3#

201 0.0 80.2 120.4#

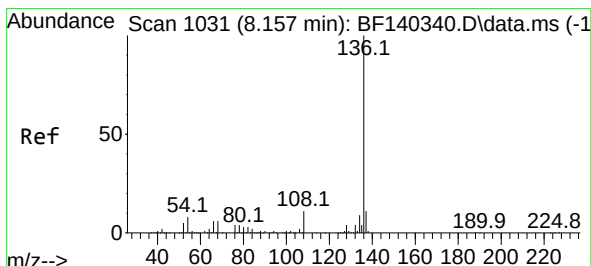
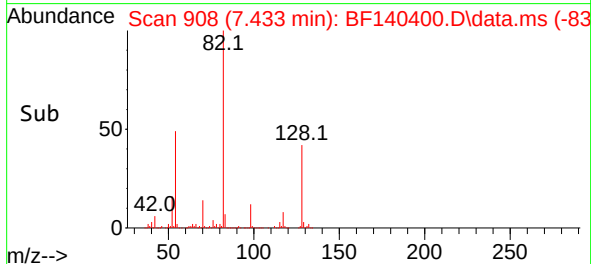
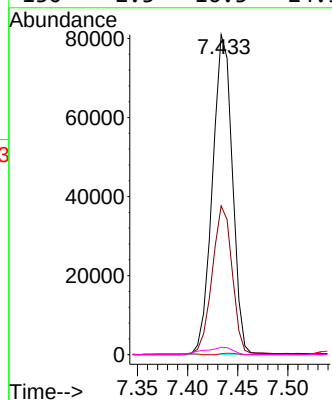
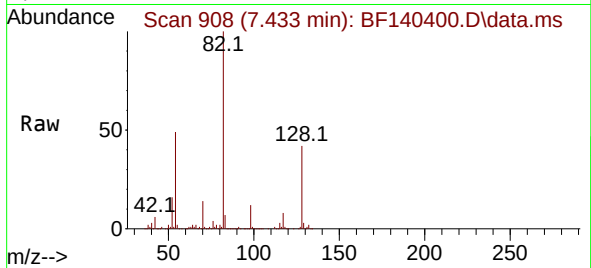




#19
n-Nitroso-di-n-propylamine
Concen: 18.293 ng
RT: 7.433 min Scan# 90
Delta R.T. 0.141 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

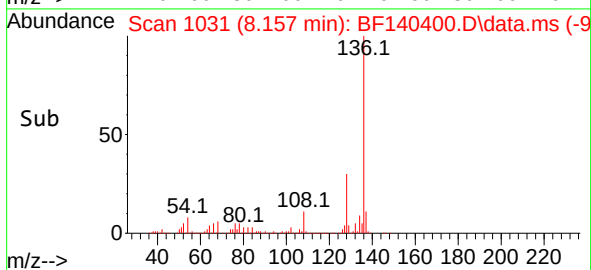
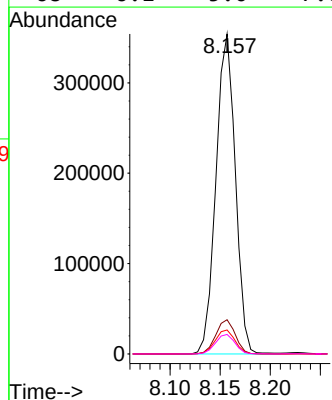
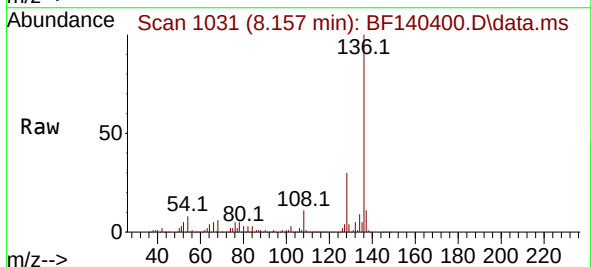
Instrument :
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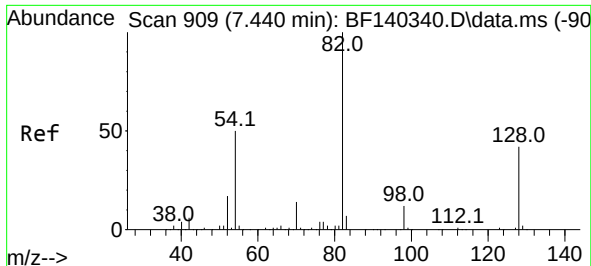
Tgt Ion: 70 Resp: 111975
Ion Ratio Lower Upper
70 100
42 46.5 46.8 70.2#
101 0.3 7.5 11.3#
130 2.3 16.3 24.5#



#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

Tgt Ion: 136 Resp: 475585
Ion Ratio Lower Upper
136 100
137 10.7 8.7 13.1
54 7.5 6.5 9.7
68 6.1 5.0 7.6

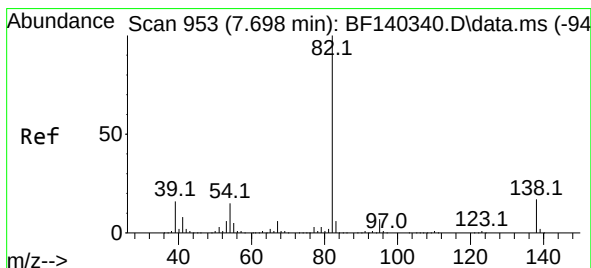
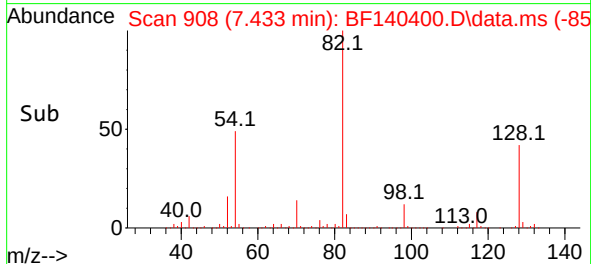
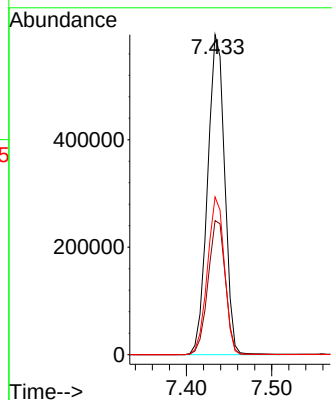
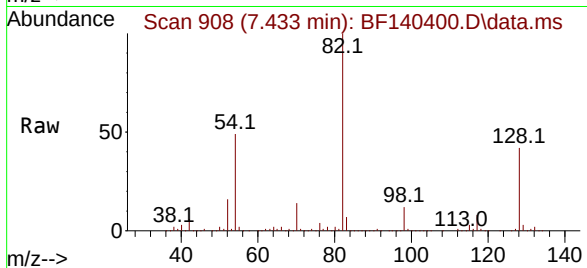




#23
Nitrobenzene-d5
Concen: 90.784 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

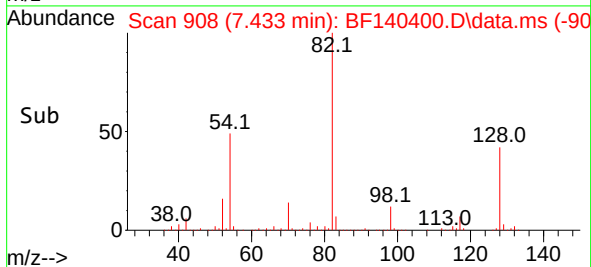
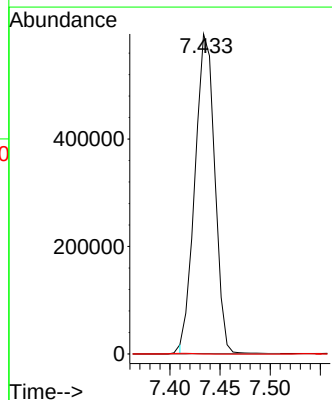
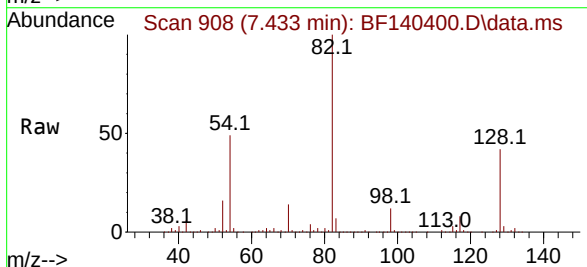
Instrument :
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ClientSampleId :
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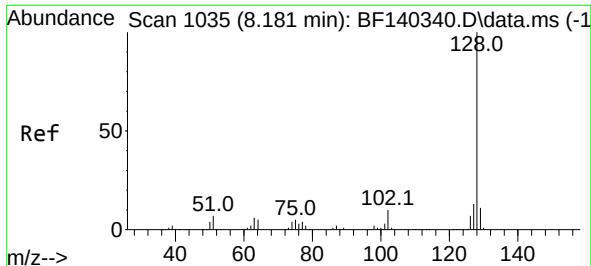
Tgt Ion: 82 Resp: 828661
Ion Ratio Lower Upper
82 100
128 41.9 33.3 49.9
54 49.3 39.8 59.8



#25
Isophorone
Concen: 50.509 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.265 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

Tgt Ion: 82 Resp: 817103
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#

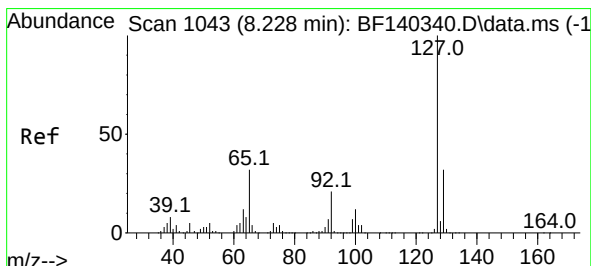
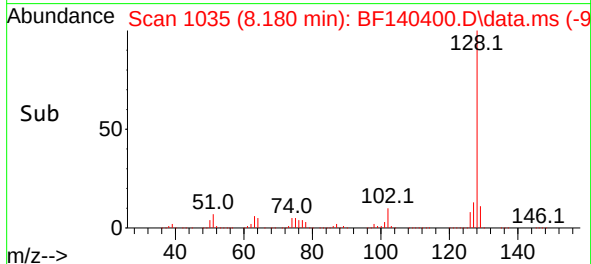
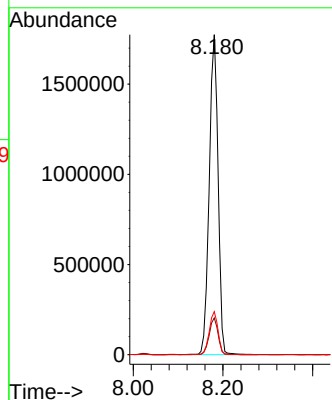
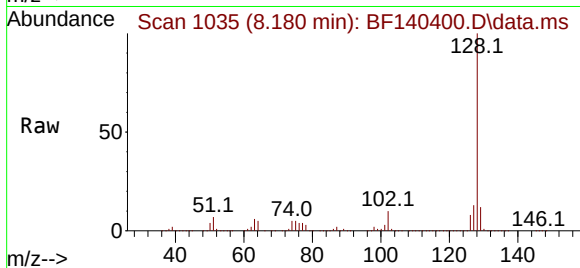




#31
Naphthalene
Concen: 100.352 ng
RT: 8.180 min Scan# 1035
Delta R.T. -0.000 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

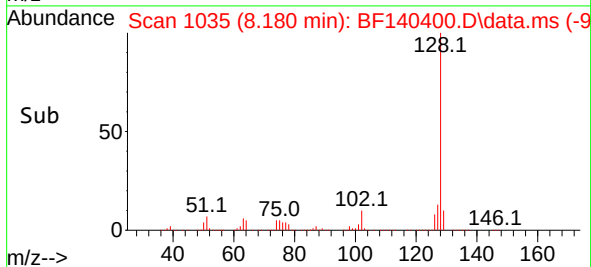
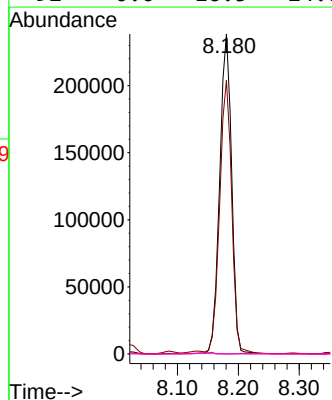
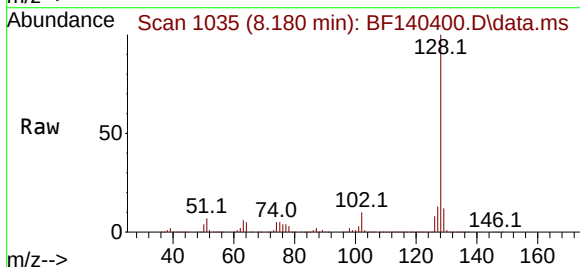
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ClientSampleId :
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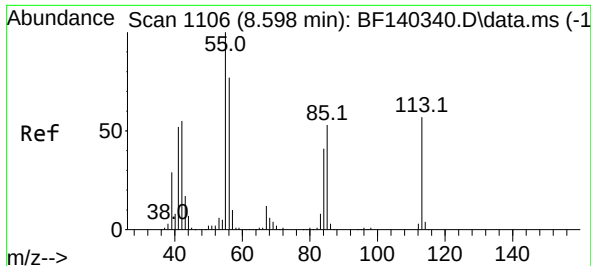
Tgt Ion:128 Resp: 2421043
Ion Ratio Lower Upper
128 100
129 11.5 8.9 13.3
127 13.4 10.6 15.8



#33
4-Chloroaniline
Concen: 38.619 ng
RT: 8.180 min Scan# 1035
Delta R.T. -0.047 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

Tgt Ion:127 Resp: 324024
Ion Ratio Lower Upper
127 100
129 85.6 26.2 39.4#
65 0.0 25.8 38.6#
92 0.0 16.5 24.7#

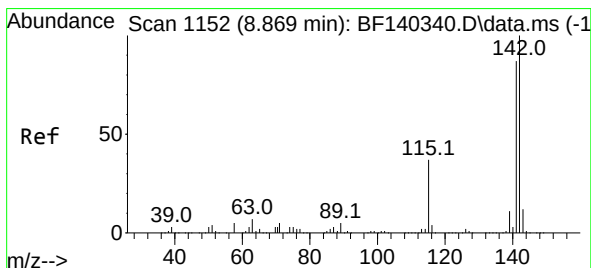
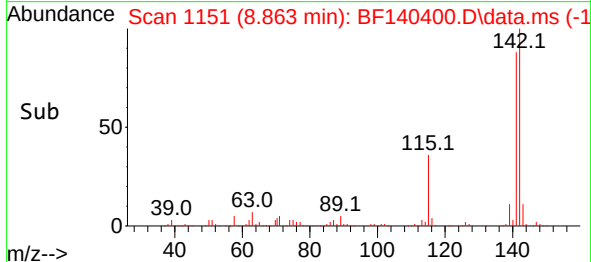
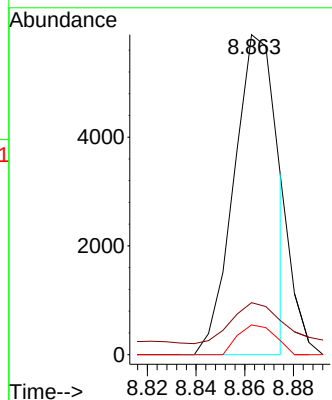
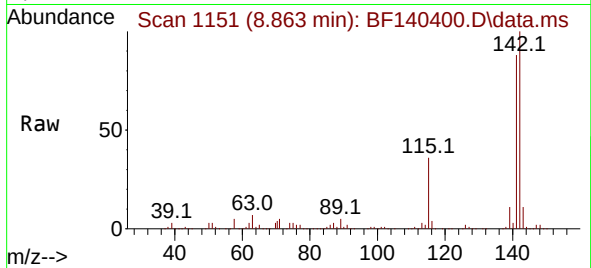




#35
 Caprolactam
 Concen: 3.271 ng
 RT: 8.863 min Scan# 1151
 Delta R.T. 0.264 min
 Lab File: BF140400.D
 Acq: 15 Nov 2024 13:44

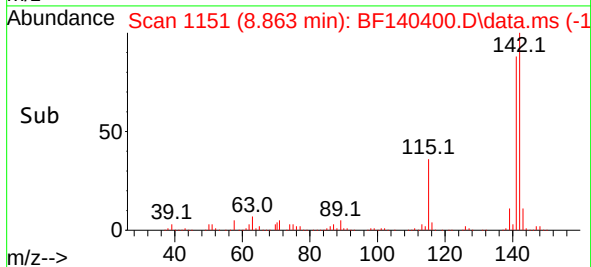
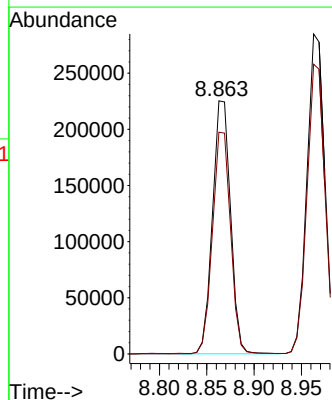
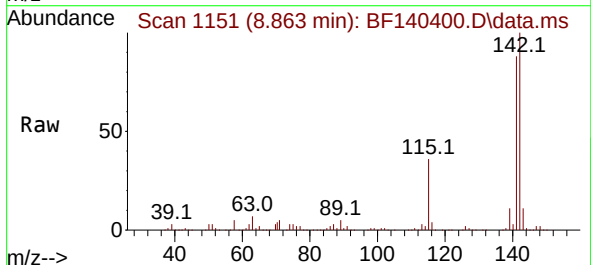
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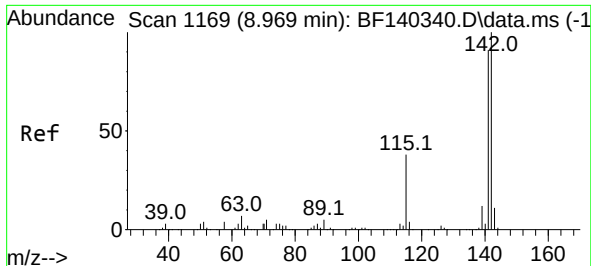
Tgt Ion:113 Resp: 7255
 Ion Ratio Lower Upper
 113 100
 55 16.3 150.0 190.0#
 56 9.3 111.1 151.1#



#37
 2-Methylnaphthalene
 Concen: 19.271 ng
 RT: 8.863 min Scan# 1151
 Delta R.T. -0.006 min
 Lab File: BF140400.D
 Acq: 15 Nov 2024 13:44

Tgt Ion:142 Resp: 298118
 Ion Ratio Lower Upper
 142 100
 141 87.6 70.4 105.6

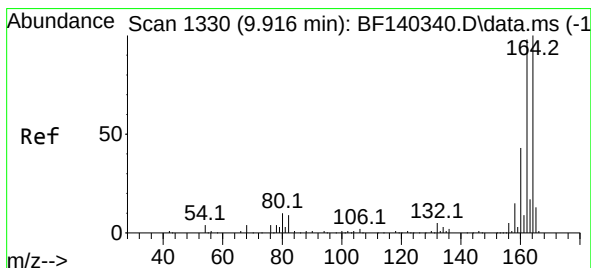
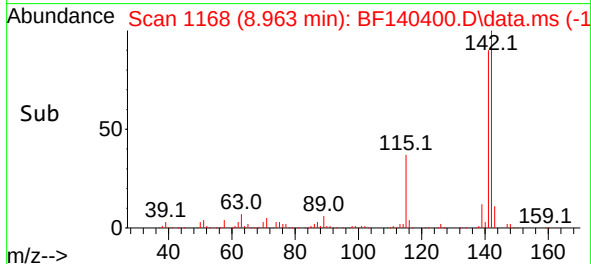
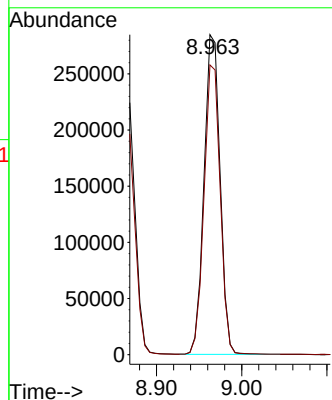
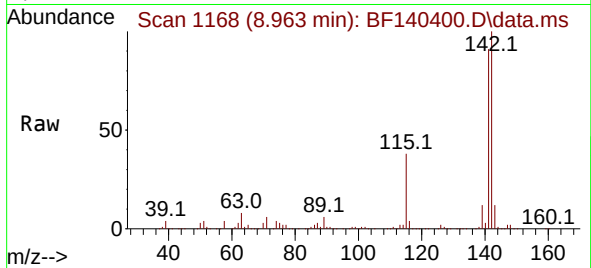




#38
1-Methylnaphthalene
Concen: 24.609 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

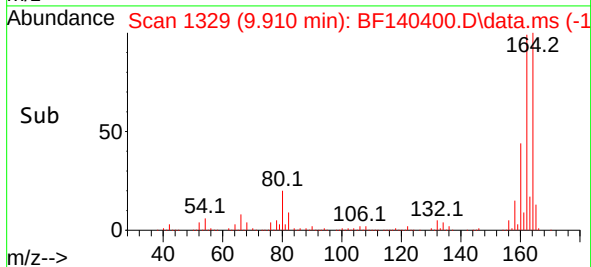
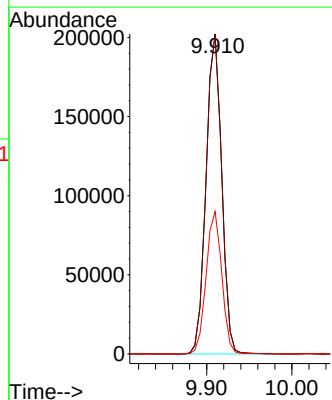
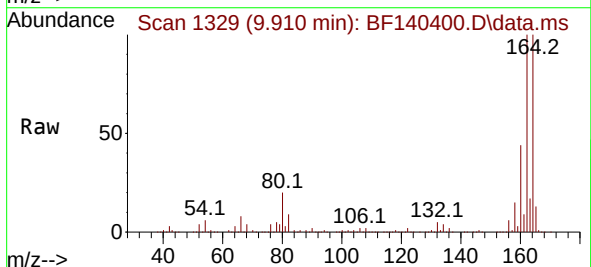
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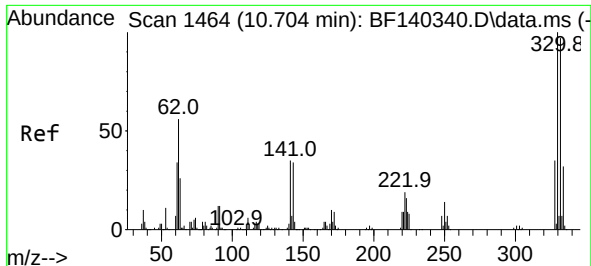
Tgt Ion:142 Resp: 372798
Ion Ratio Lower Upper
142 100
141 90.6 73.6 110.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

Tgt Ion:164 Resp: 257897
Ion Ratio Lower Upper
164 100
162 99.7 79.8 119.8
160 44.5 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 133.797 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140400.D

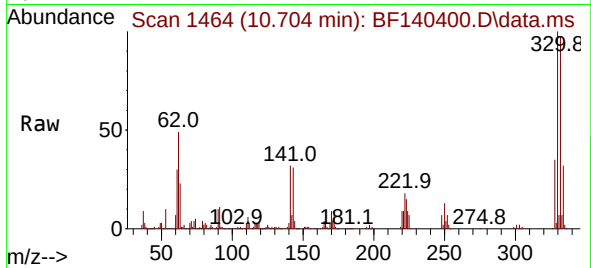
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Instrument :

BNA_F

ClientSampleId :

WC-TA1-02-C



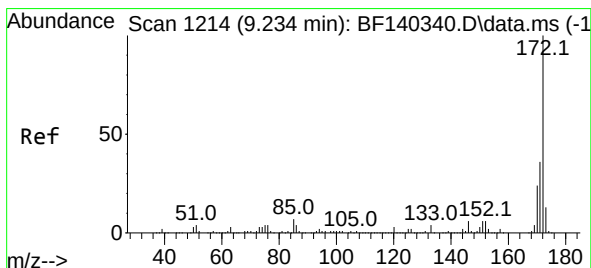
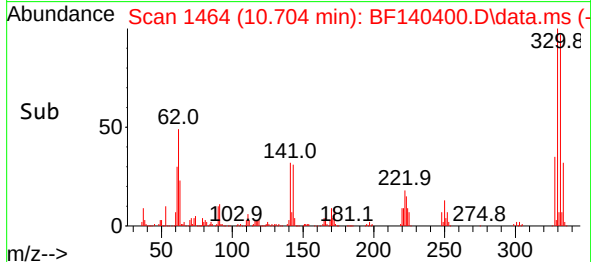
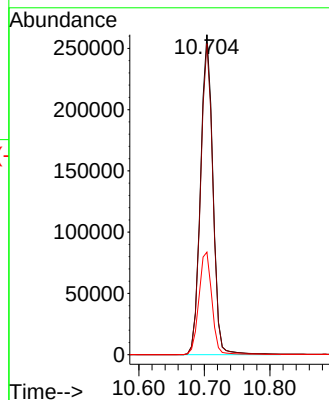
Tgt Ion:330 Resp: 343133

Ion Ratio Lower Upper

330 100

332 97.3 75.9 113.9

141 34.0 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 91.422 ng

RT: 9.227 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140400.D

Acq: 15 Nov 2024 13:44

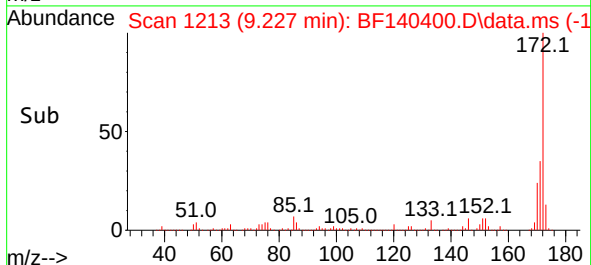
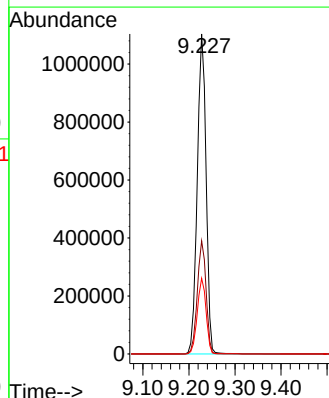
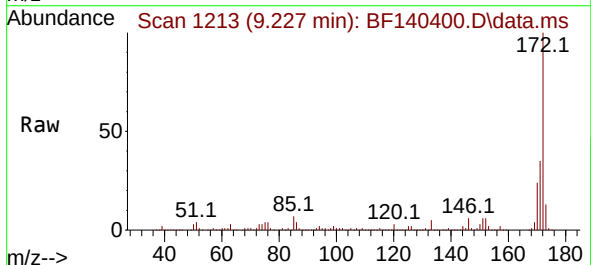
Tgt Ion:172 Resp: 1466668

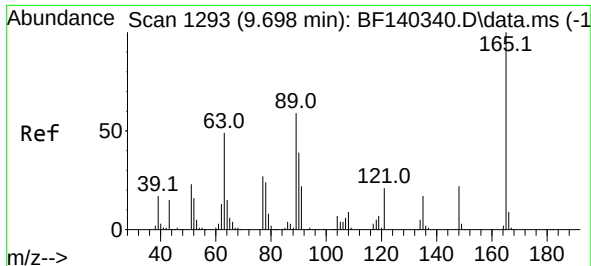
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.7 19.1 28.7

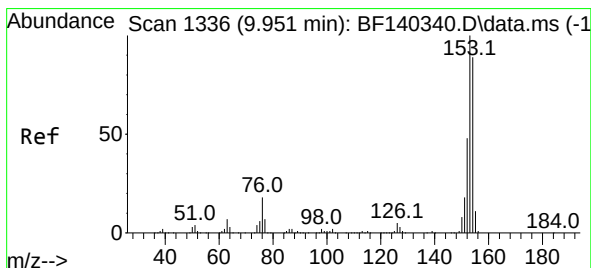
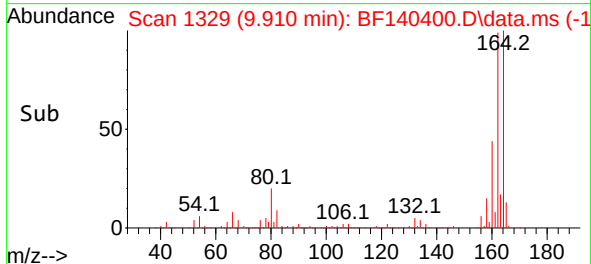
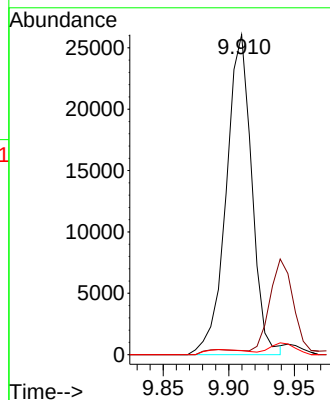
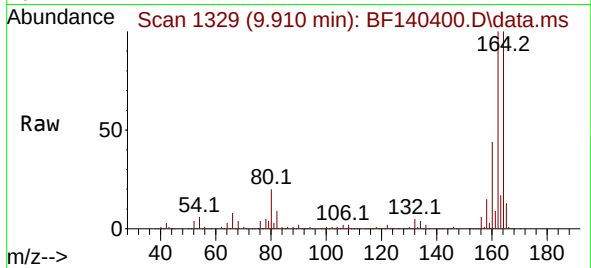




#51
2,6-Dinitrotoluene
Concen: 9.196 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

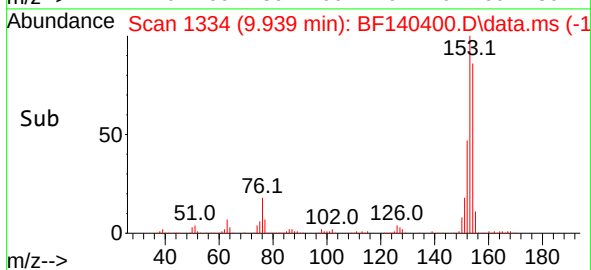
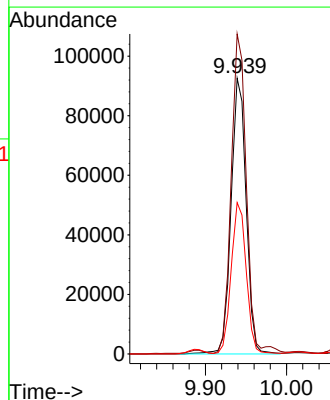
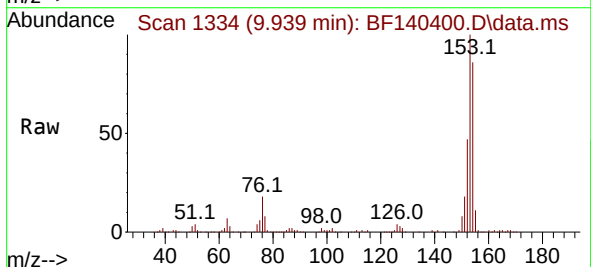
Instrument :
BNA_F
ClientSampleId :
WC-TA1-02-C

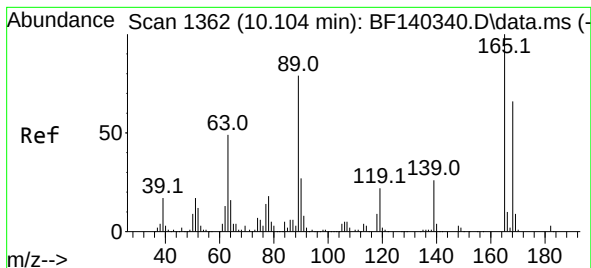
Tgt Ion:165 Resp: 35242
Ion Ratio Lower Upper
165 100
63 1.3 47.6 71.4#
89 1.3 48.1 72.1#



#52
Acenaphthene
Concen: 8.151 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

Tgt Ion:154 Resp: 119053
Ion Ratio Lower Upper
154 100
153 116.1 89.8 134.8
152 54.9 42.6 64.0

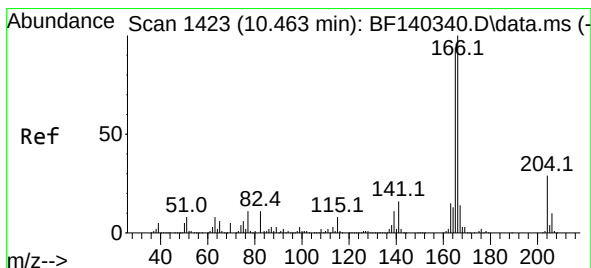
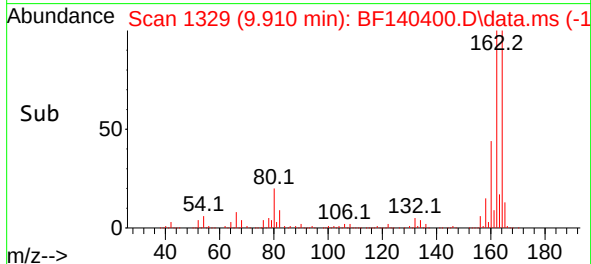
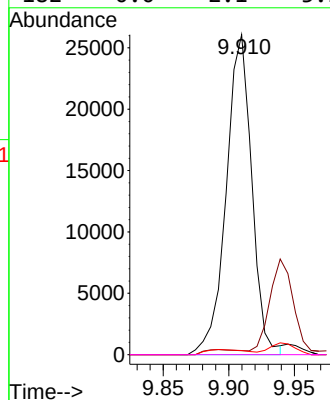
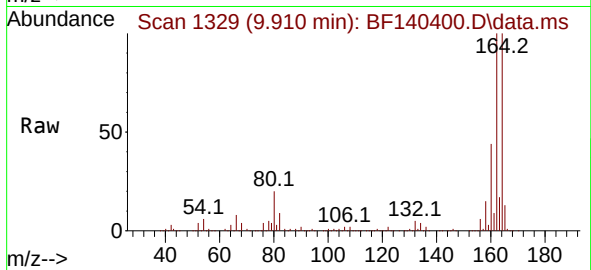




#57
2,4-Dinitrotoluene
Concen: 6.987 ng
RT: 9.910 min Scan# 1362
Delta R.T. -0.194 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

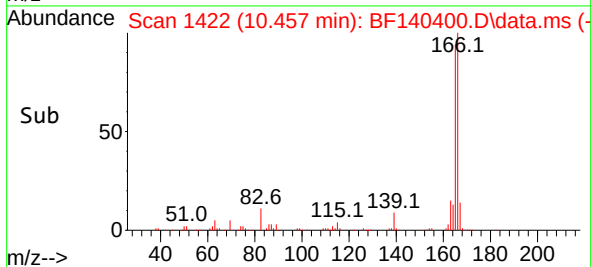
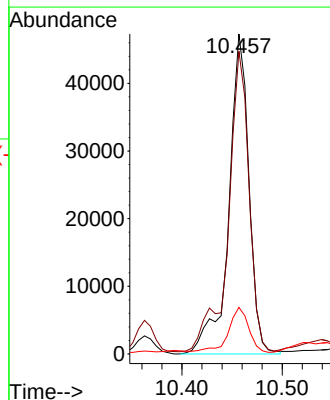
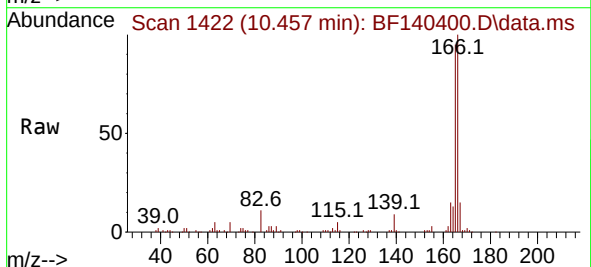
Instrument :
BNA_F
ClientSampleId :
WC-TA1-02-C

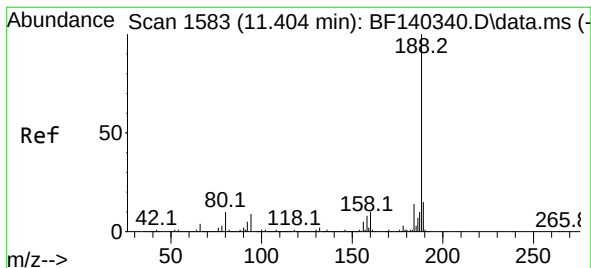
Tgt Ion:165 Resp: 35242
Ion Ratio Lower Upper
165 100
63 1.3 39.4 59.0#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#



#58
Fluorene
Concen: 4.075 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

Tgt Ion:166 Resp: 66551
Ion Ratio Lower Upper
166 100
165 94.6 73.9 110.9
167 14.6 10.9 16.3





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF140400.D

Acq: 15 Nov 2024 13:44

Instrument :

BNA_F

ClientSampleId :

WC-TA1-02-C

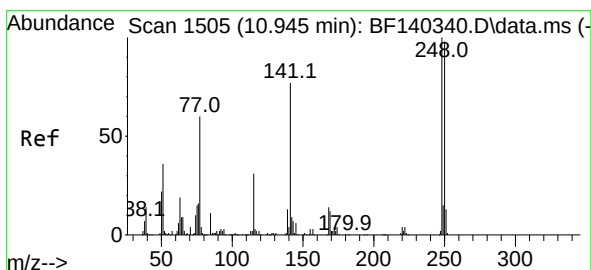
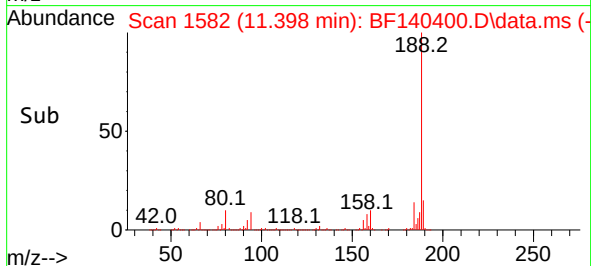
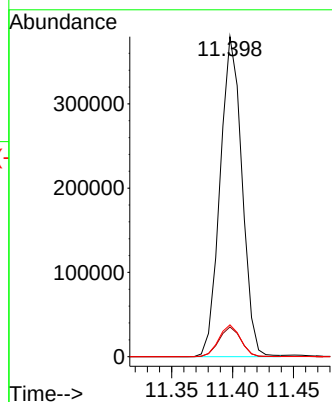
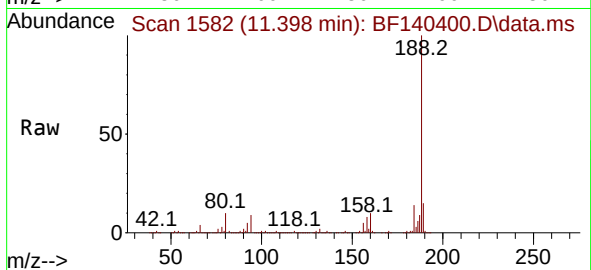
Tgt Ion:188 Resp: 475367

Ion Ratio Lower Upper

188 100

94 9.3 7.6 11.4

80 10.0 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 4.705 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140400.D

Acq: 15 Nov 2024 13:44

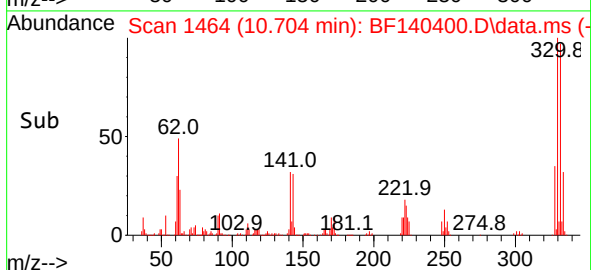
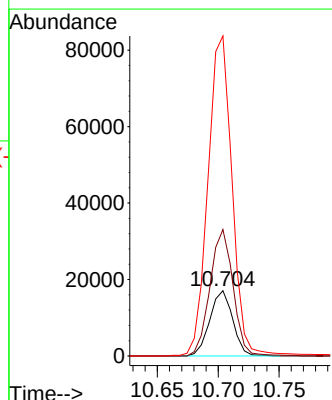
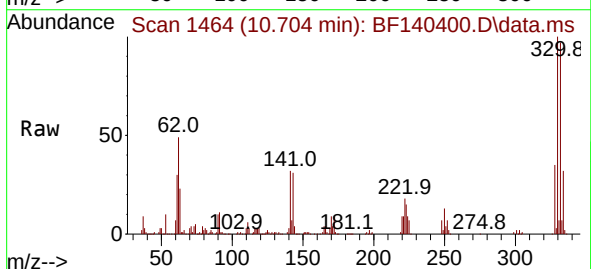
Tgt Ion:248 Resp: 22357

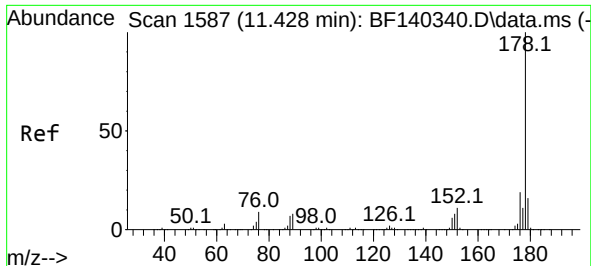
Ion Ratio Lower Upper

248 100

250 193.5 77.9 116.9#

141 489.9 61.8 92.6#

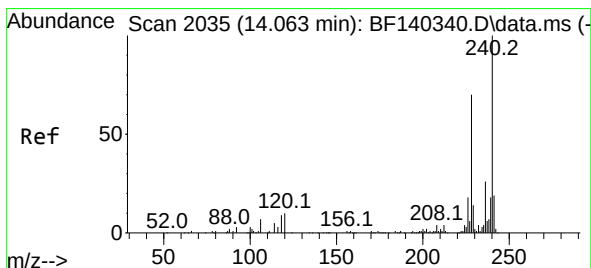
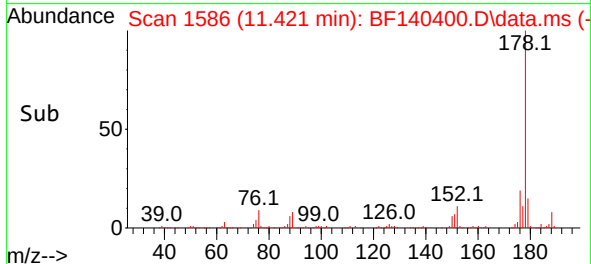
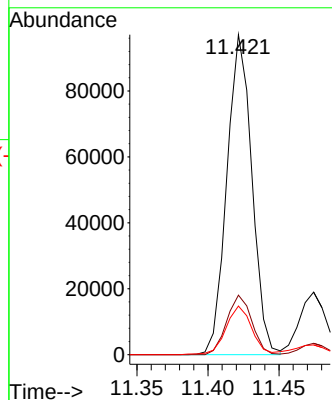
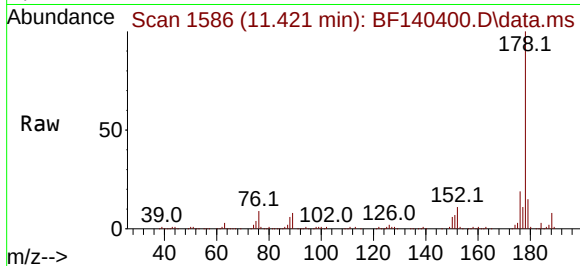




#71
Phenanthrene
Concen: 5.331 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

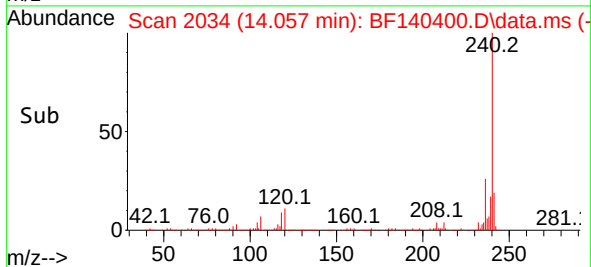
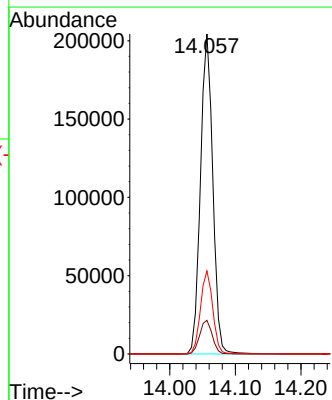
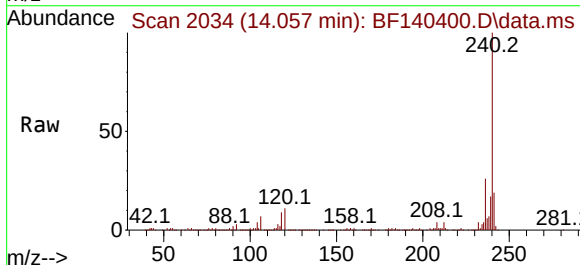
Instrument :
BNA_F
ClientSampleId :
WC-TA1-02-C

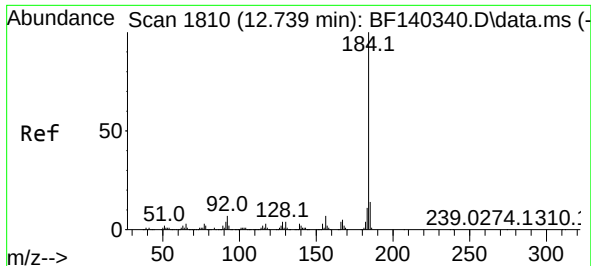
Tgt Ion:178 Resp: 119044
Ion Ratio Lower Upper
178 100
176 18.6 15.5 23.3
179 15.2 12.4 18.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. 0.006 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

Tgt Ion:240 Resp: 266960
Ion Ratio Lower Upper
240 100
120 10.5 8.8 13.2
236 26.0 20.9 31.3

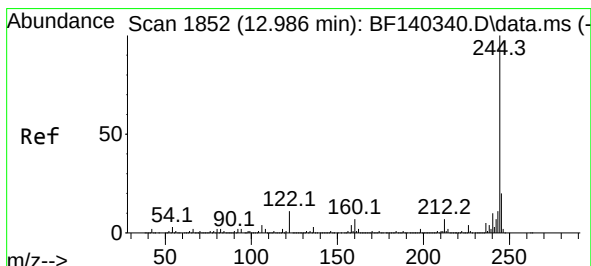
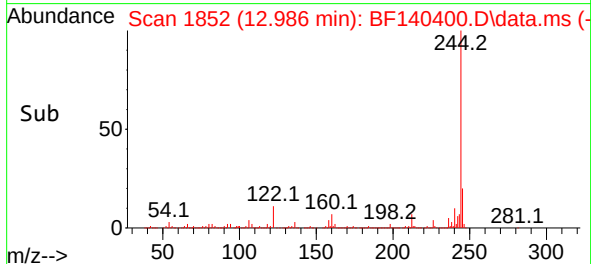
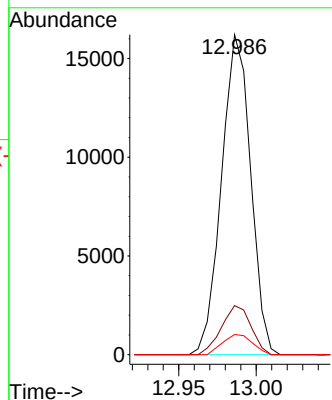
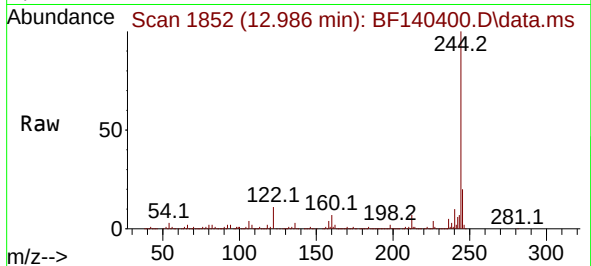




#77
Benzidine
Concen: 2.065 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

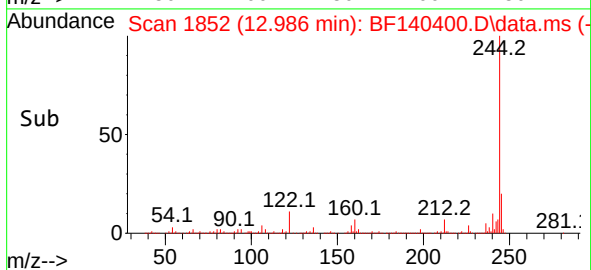
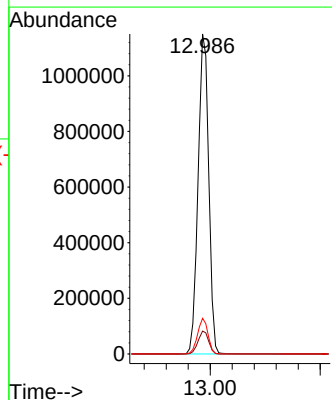
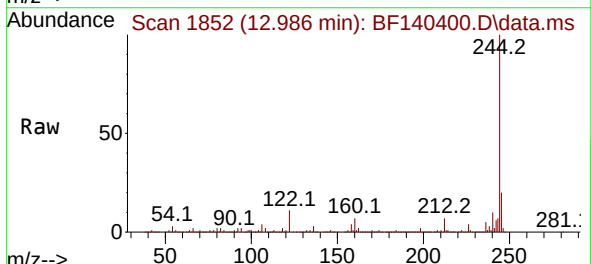
Instrument :
BNA_F
ClientSampleId :
WC-TA1-02-C

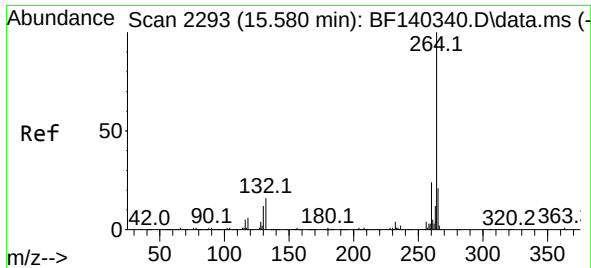
Tgt Ion:184 Resp: 21159
Ion Ratio Lower Upper
184 100
185 15.4 11.9 17.9
183 6.3 8.6 13.0#



#79
Terphenyl-d14
Concen: 100.479 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF140400.D
Acq: 15 Nov 2024 13:44

Tgt Ion:244 Resp: 1545339
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: 15.574 min Scan# 21
 Delta R.T. 0.017 min
 Lab File: BF140400.D
 Acq: 15 Nov 2024 13:44

Instrument :
 BNA_F
 ClientSampleId :
 WC-TA1-02-C

Tgt Ion:264 Resp: 271374
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.5 17.1 25.7

