

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140395.D
 Acq On : 15 Nov 2024 11:33
 Operator : RC/JU
 Sample : P4799-03
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-TA2-02-C

Quant Time: Nov 15 12:08:27 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)

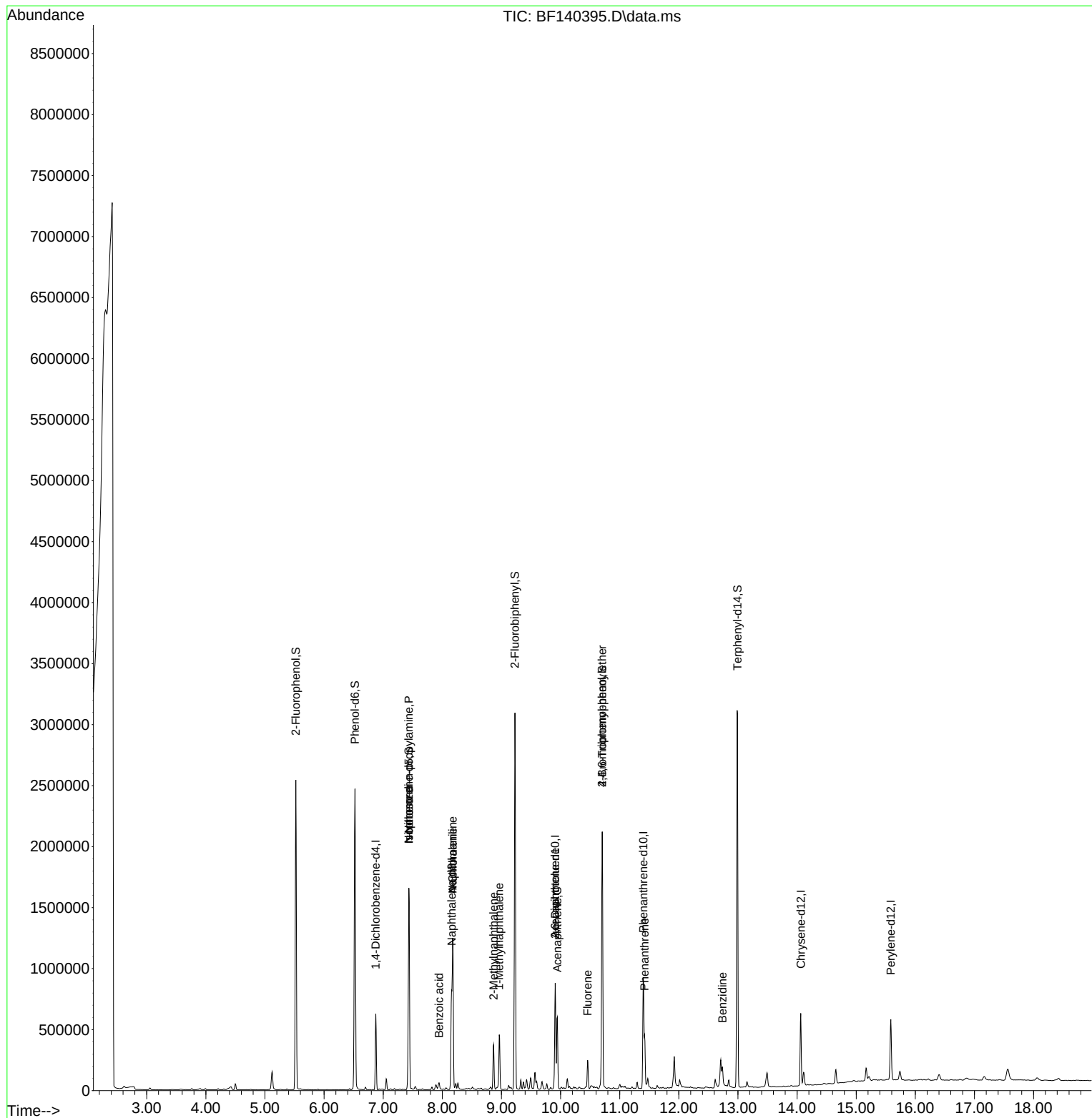
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	126128	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	478686	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	258727	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	489102	20.000	ng	0.00
76) Chrysene-d12	14.062	240	278626	20.000	ng	0.01
86) Perylene-d12	15.586	264	287340	20.000	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	939985	127.245	ng	0.03
7) Phenol-d6	6.522	99	1219220	121.819	ng	0.02
23) Nitrobenzene-d5	7.434	82	784930	85.436	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	363116	141.134	ng	0.00
45) 2-Fluorobiphenyl	9.227	172	1364655	84.790	ng	0.00
79) Terphenyl-d14	12.992	244	1584307	98.700	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	108343	17.924	ng	# 77
25) Isophorone	7.434	82	774340	47.556	ng	# 67
31) Naphthalene	8.175	128	770176	31.717	ng	99
32) Benzoic acid	7.945	122	11210	2.344	ng	# 19
33) 4-Chloroaniline	8.175	127	101581	12.029	ng	# 30
37) 2-Methylnaphthalene	8.869	142	103203	6.628	ng	99
38) 1-Methylnaphthalene	8.963	142	164098	10.762	ng	99
51) 2,6-Dinitrotoluene	9.910	165	35064	9.120	ng	# 23
52) Acenaphthene	9.945	154	184909	12.620	ng	99
58) Fluorene	10.457	166	94791	5.785	ng	99
67) 4-Bromophenyl-phenylether	10.704	248	23343	4.774	ng	# 1
71) Phenanthrene	11.421	178	208137	9.059	ng	99
77) Benzidine	12.739	184	80699	7.546	ng	99

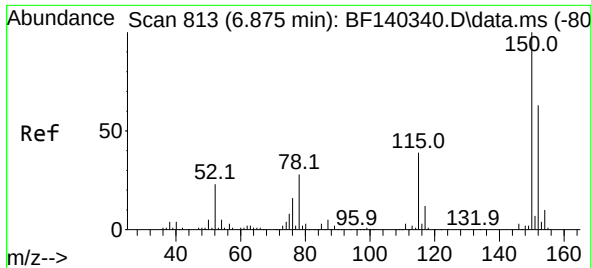
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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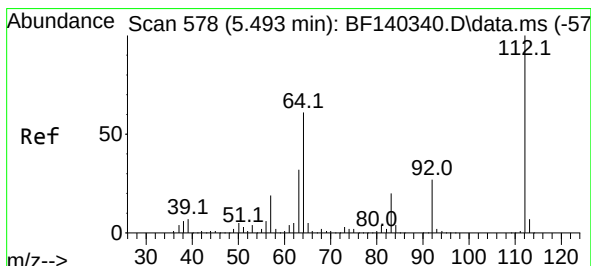
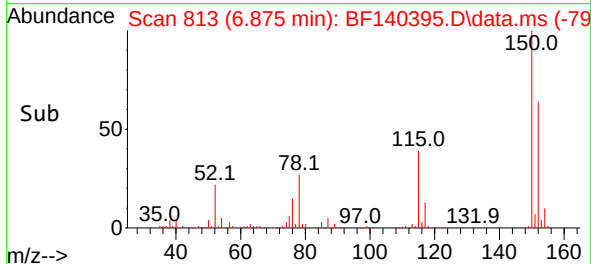
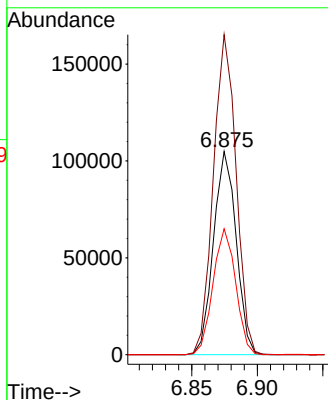
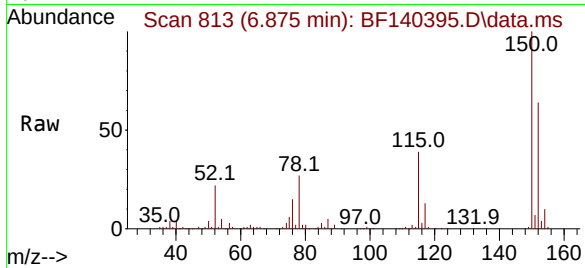




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

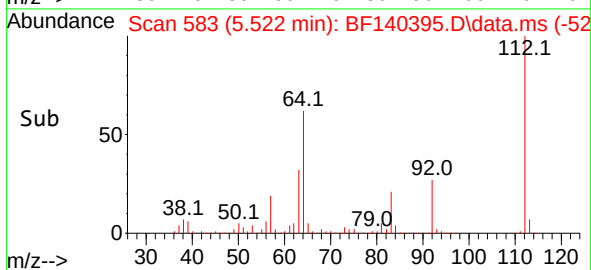
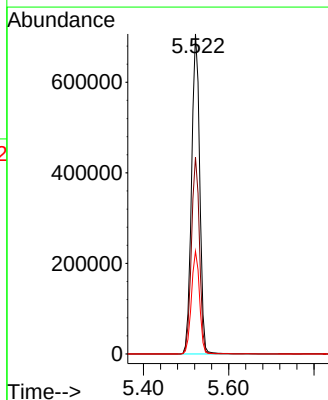
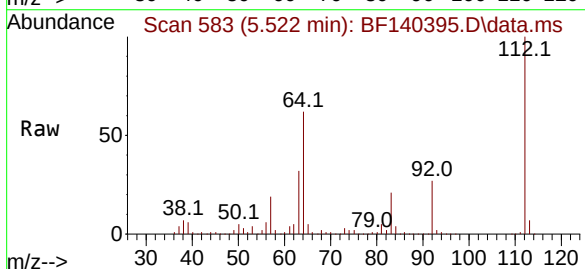
Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

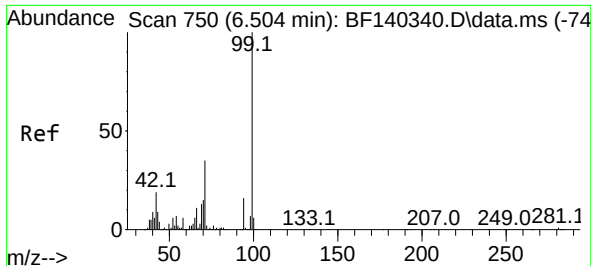
Tgt Ion:152 Resp: 126128
Ion Ratio Lower Upper
152 100
150 157.5 127.4 191.0
115 62.0 47.4 71.2



#5
2-Fluorophenol
Concen: 127.245 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.029 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Tgt Ion:112 Resp: 939985
Ion Ratio Lower Upper
112 100
64 61.5 49.2 73.8
63 32.1 25.6 38.4

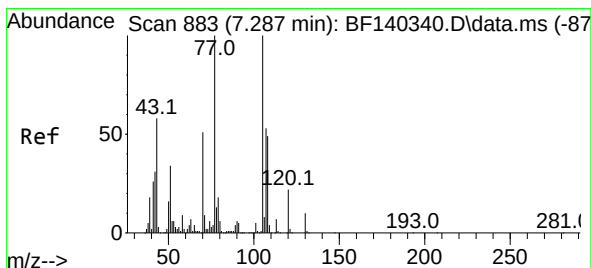
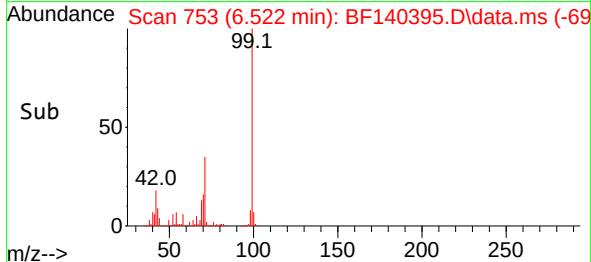
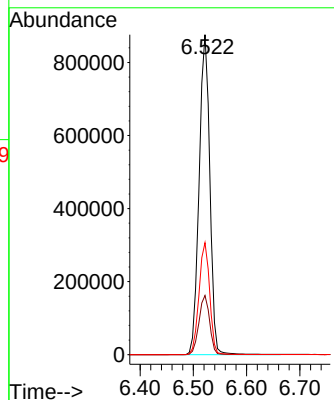
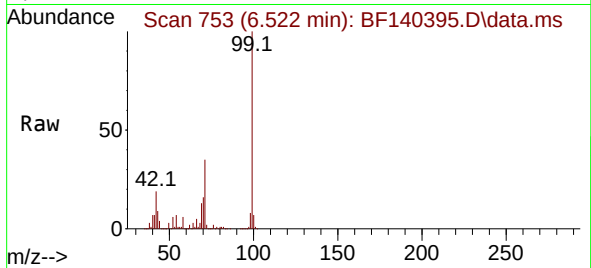




#7
Phenol-d6
Concen: 121.819 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.017 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

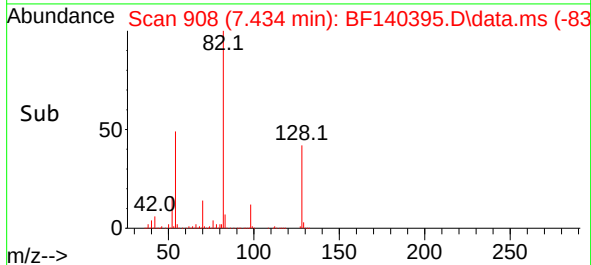
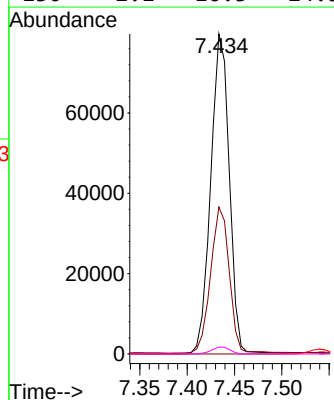
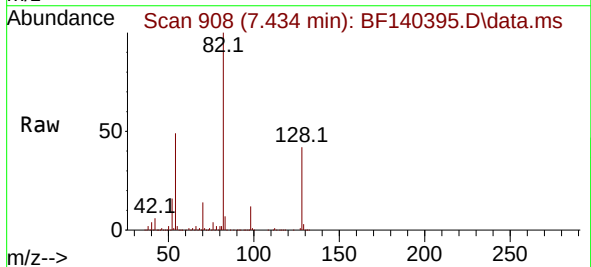
Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

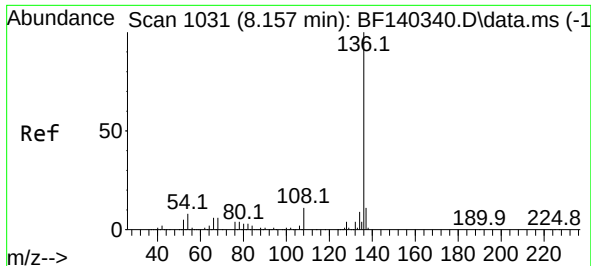
Tgt Ion: 99 Resp: 1219220
Ion Ratio Lower Upper
99 100
42 18.5 15.1 22.7
71 35.0 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.924 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Tgt Ion: 70 Resp: 108343
Ion Ratio Lower Upper
70 100
42 45.9 46.8 70.2#
101 0.0 7.5 11.3#
130 2.1 16.3 24.5#



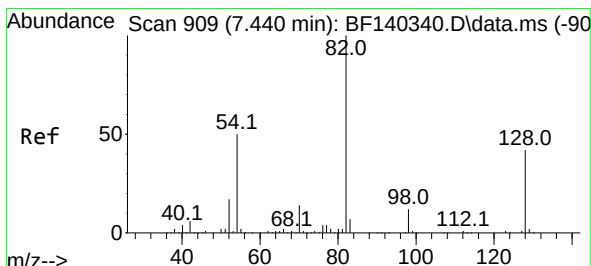
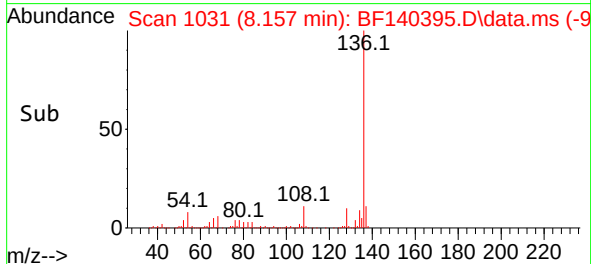
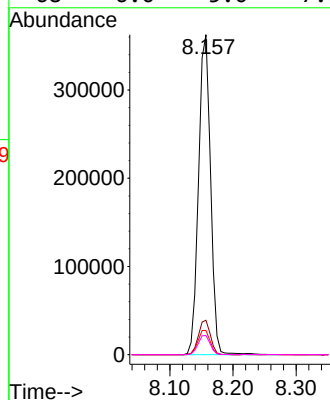
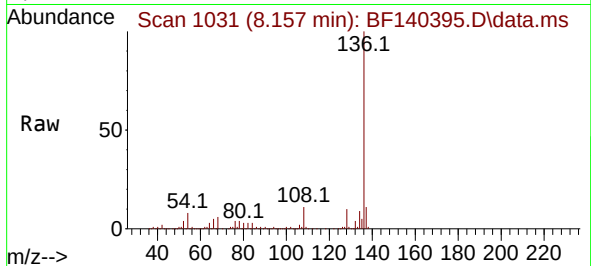


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.000 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

Tgt Ion:136 Resp: 478686

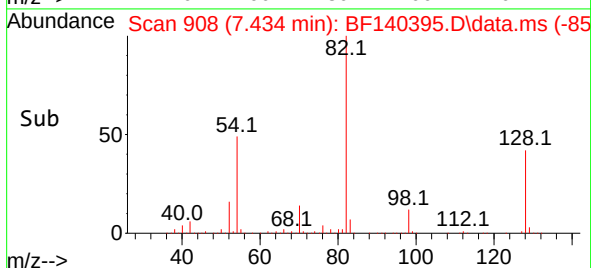
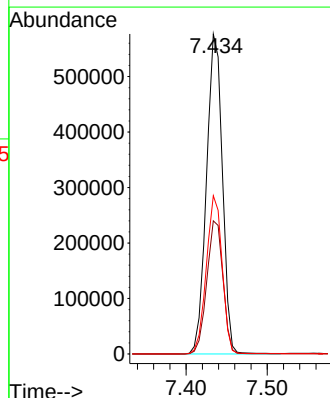
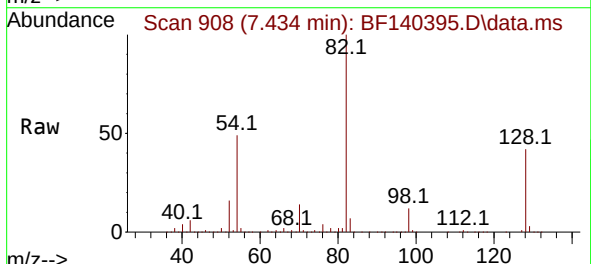
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.7	13.1
54	7.6	6.5	9.7
68	6.0	5.0	7.6

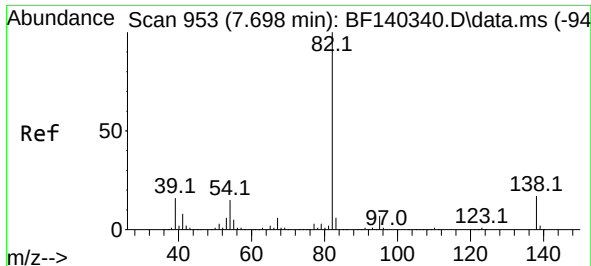


#23
Nitrobenzene-d5
Concen: 85.436 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Tgt Ion: 82 Resp: 784930

Ion	Ratio	Lower	Upper
82	100		
128	41.6	33.3	49.9
54	49.4	39.8	59.8

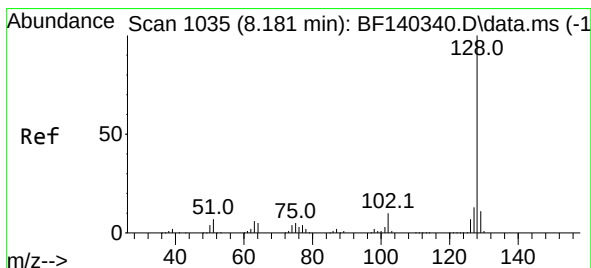
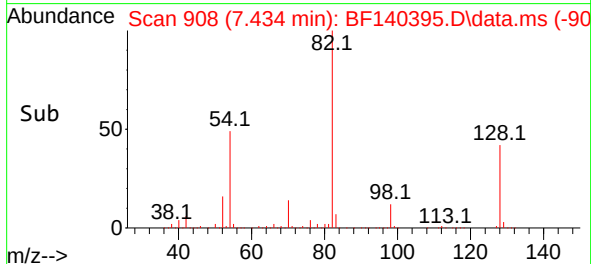
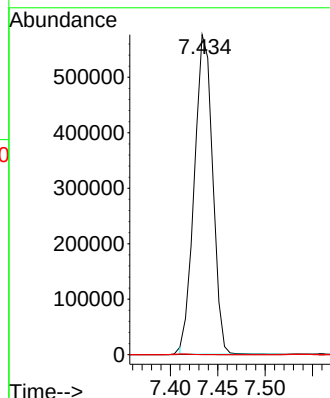
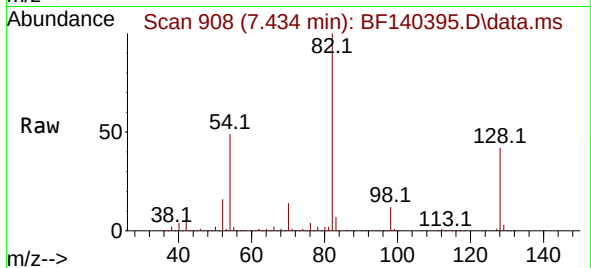




#25
Isophorone
Concen: 47.556 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

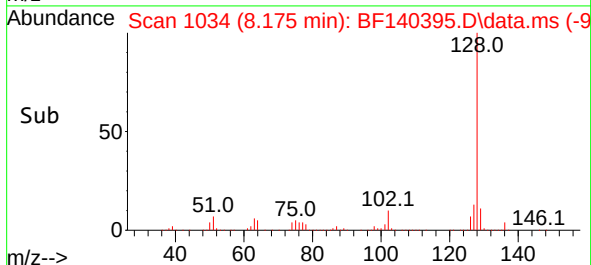
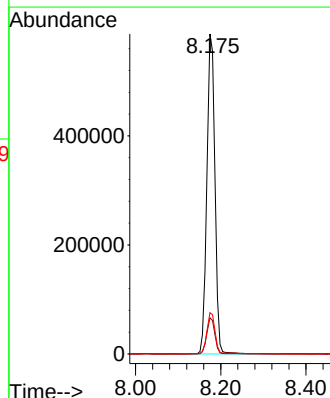
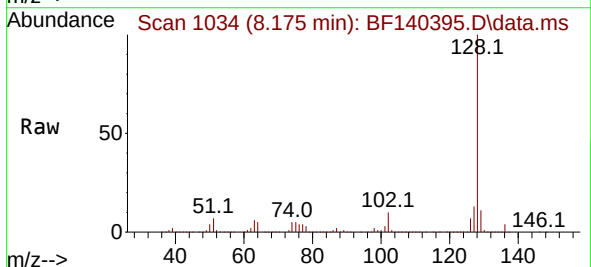
Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

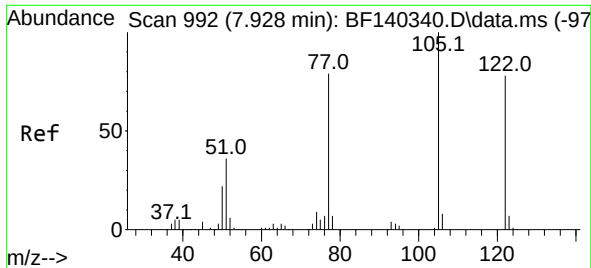
Tgt Ion: 82 Resp: 774340
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#31
Naphthalene
Concen: 31.717 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Tgt Ion:128 Resp: 770176
Ion Ratio Lower Upper
128 100
129 11.3 8.9 13.3
127 12.9 10.6 15.8

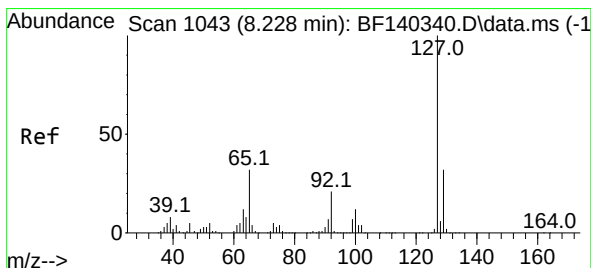
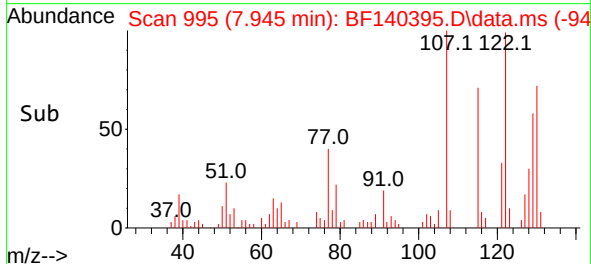
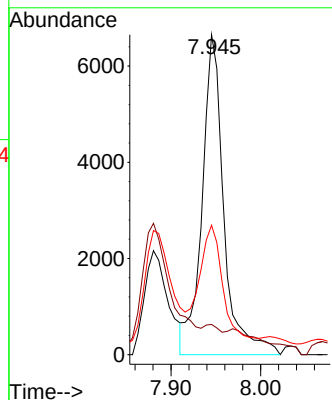
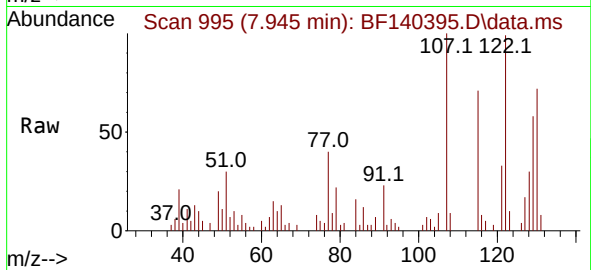




#32
Benzoic acid
Concen: 2.344 ng
RT: 7.945 min Scan# 992
Delta R.T. 0.017 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

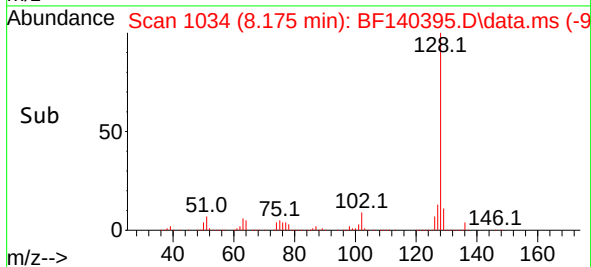
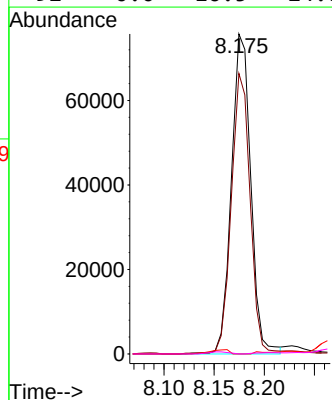
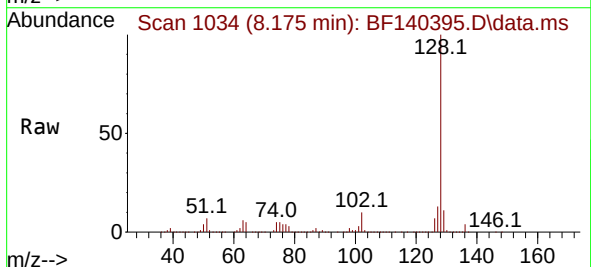
Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

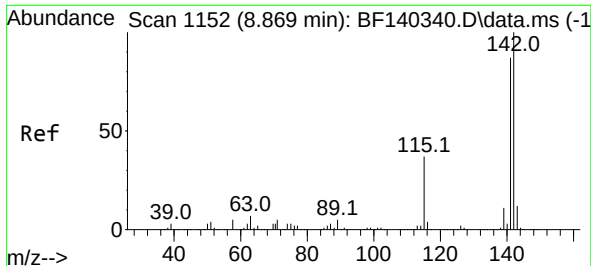
Tgt Ion:122 Resp: 11210
Ion Ratio Lower Upper
122 100
105 9.5 100.9 140.9#
77 40.4 76.0 116.0#



#33
4-Chloroaniline
Concen: 12.029 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.053 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Tgt Ion:127 Resp: 101581
Ion Ratio Lower Upper
127 100
129 87.7 26.2 39.4#
65 0.0 25.8 38.6#
92 0.0 16.5 24.7#





#37

2-Methylnaphthalene

Concen: 6.628 ng

RT: 8.869 min Scan# 1152

Delta R.T. -0.000 min

Lab File: BF140395.D

Acq: 15 Nov 2024 11:33

Instrument :

BNA_F

ClientSampleId :

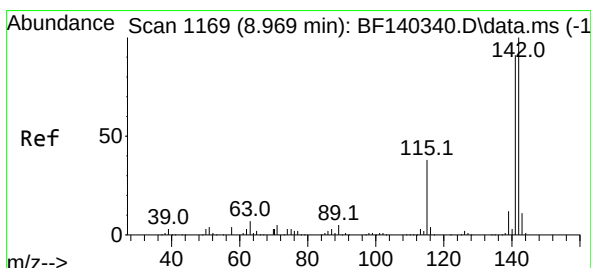
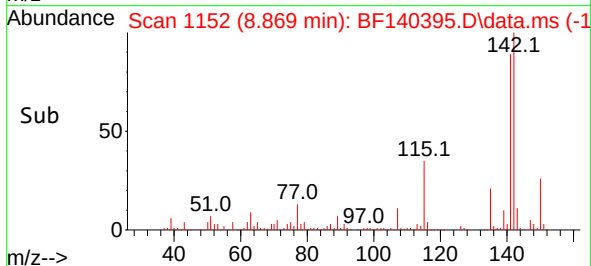
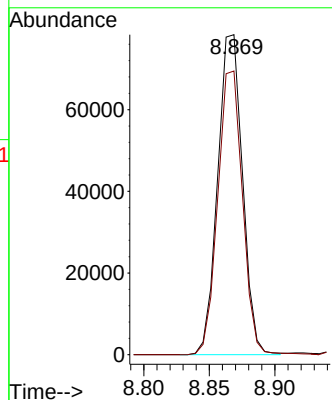
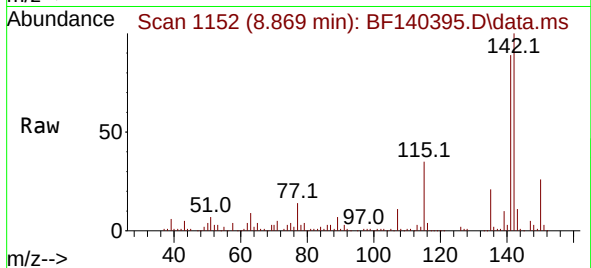
WC-TA2-02-C

Tgt Ion:142 Resp: 103203

Ion Ratio Lower Upper

142 100

141 88.6 70.4 105.6



#38

1-Methylnaphthalene

Concen: 10.762 ng

RT: 8.963 min Scan# 1168

Delta R.T. -0.006 min

Lab File: BF140395.D

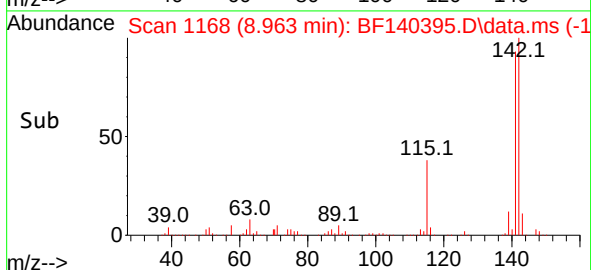
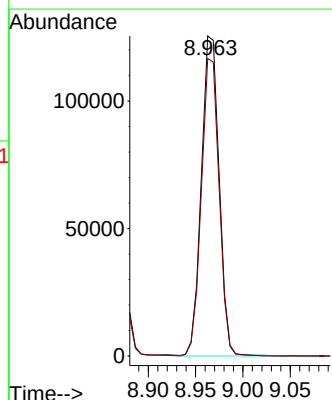
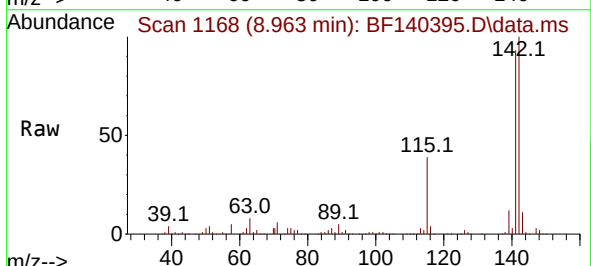
Acq: 15 Nov 2024 11:33

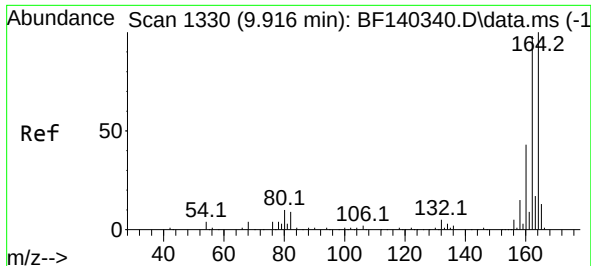
Tgt Ion:142 Resp: 164098

Ion Ratio Lower Upper

142 100

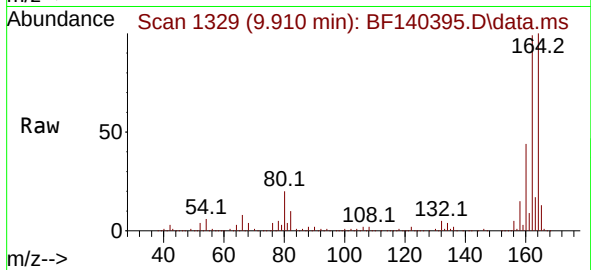
141 93.0 73.6 110.4



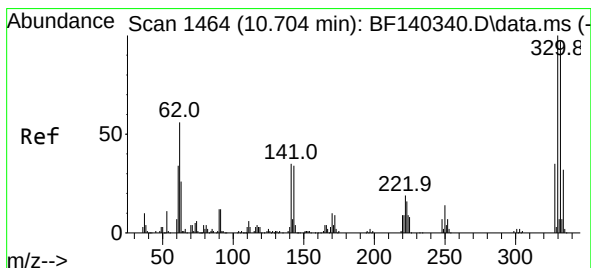
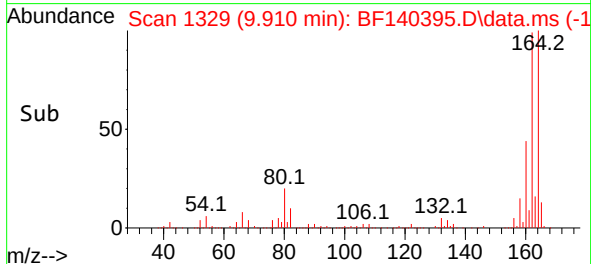
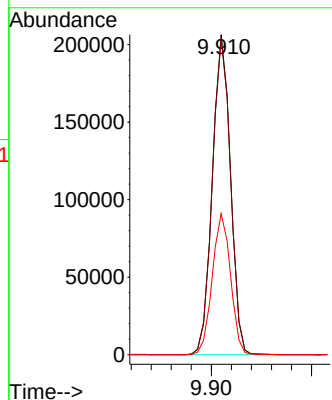


#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1
Delta R.T. -0.006 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

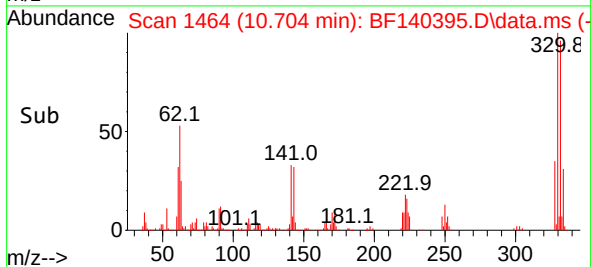
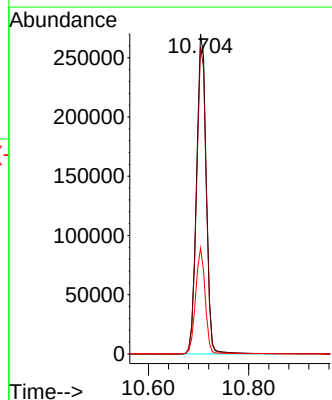
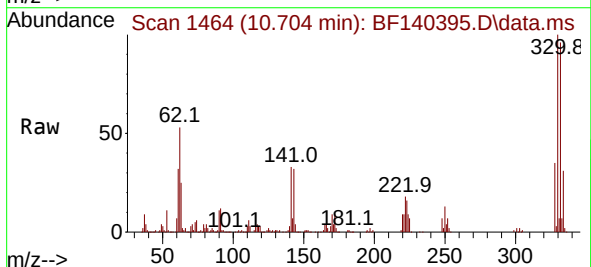


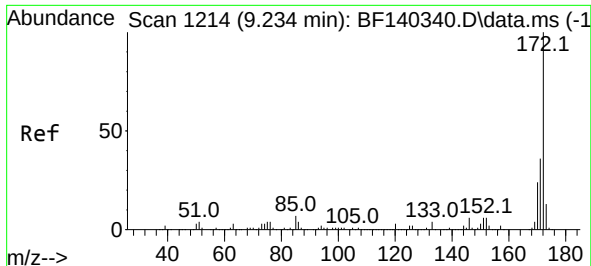
Tgt Ion:164 Resp: 258727
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.8
160 44.1 35.4 53.0



#42
2,4,6-Tribromophenol
Concen: 141.134 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.000 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Tgt Ion:330 Resp: 363116
Ion Ratio Lower Upper
330 100
332 96.0 75.9 113.9
141 32.8 26.9 40.3





#45

2-Fluorobiphenyl

Concen: 84.790 ng

RT: 9.227 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140395.D

Acq: 15 Nov 2024 11:33

Instrument :

BNA_F

ClientSampleId :

WC-TA2-02-C

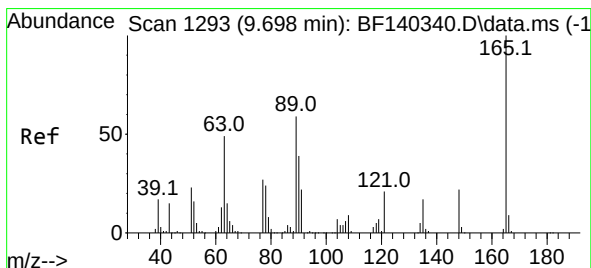
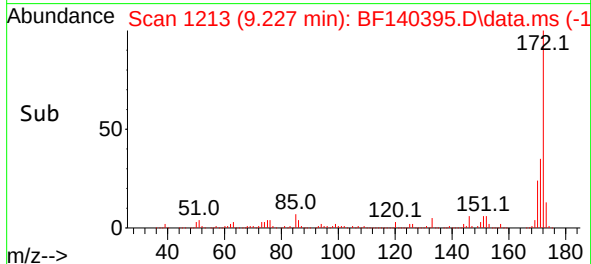
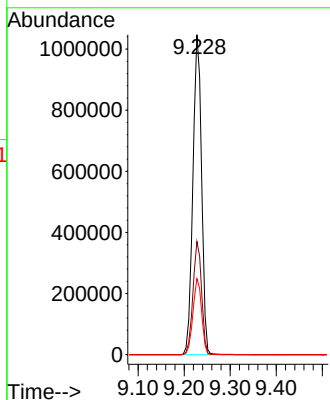
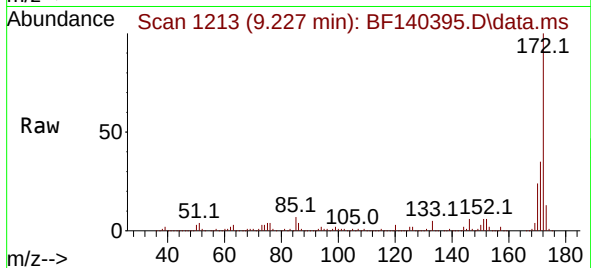
Tgt Ion:172 Resp: 1364655

Ion Ratio Lower Upper

172 100

171 35.3 28.5 42.7

170 23.8 19.1 28.7



#51

2,6-Dinitrotoluene

Concen: 9.120 ng

RT: 9.910 min Scan# 1329

Delta R.T. 0.212 min

Lab File: BF140395.D

Acq: 15 Nov 2024 11:33

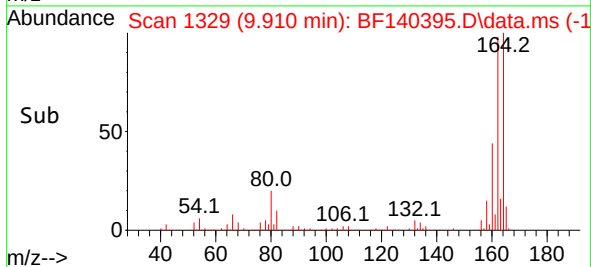
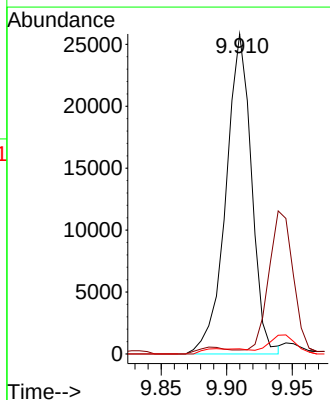
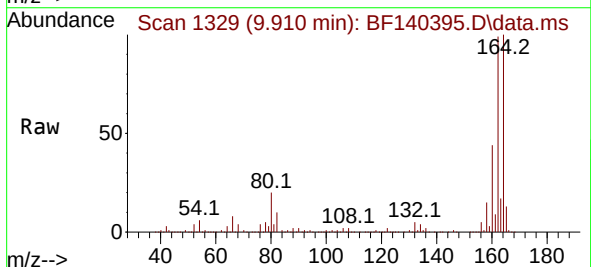
Tgt Ion:165 Resp: 35064

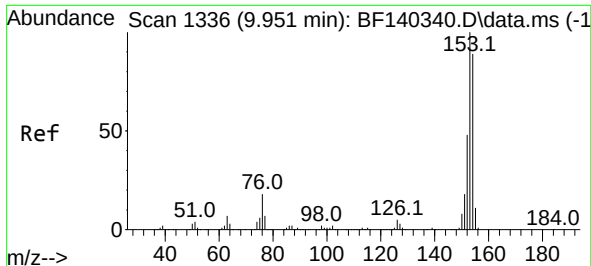
Ion Ratio Lower Upper

165 100

63 1.2 47.6 71.4#

89 1.6 48.1 72.1#

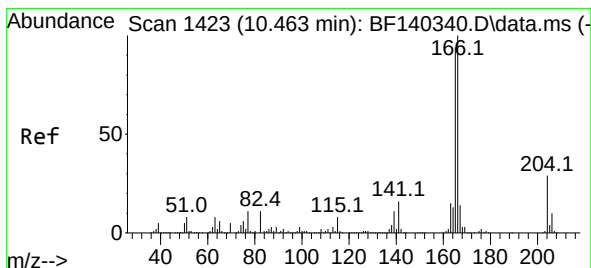
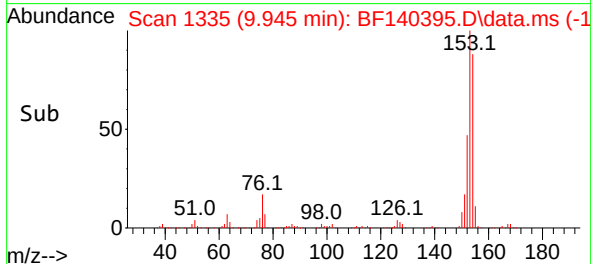
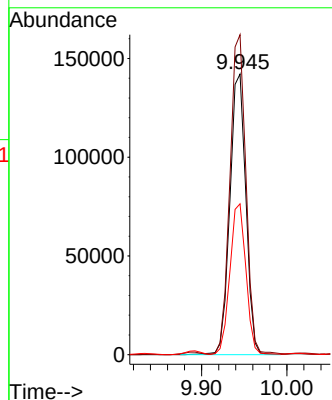
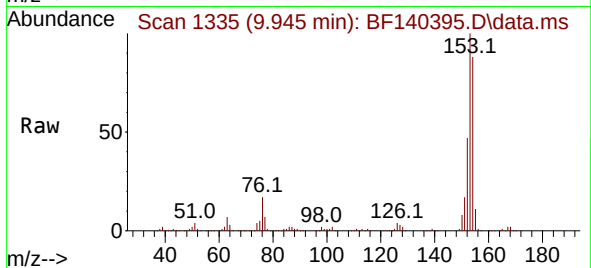




#52
Acenaphthene
Concen: 12.620 ng
RT: 9.945 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

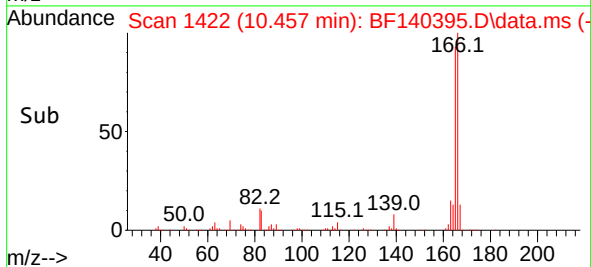
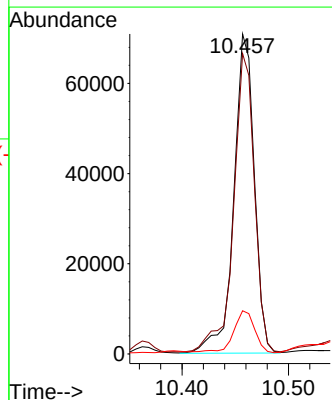
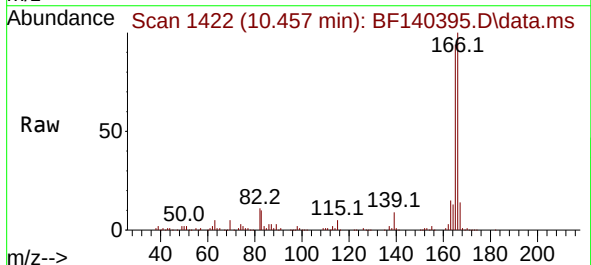
Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

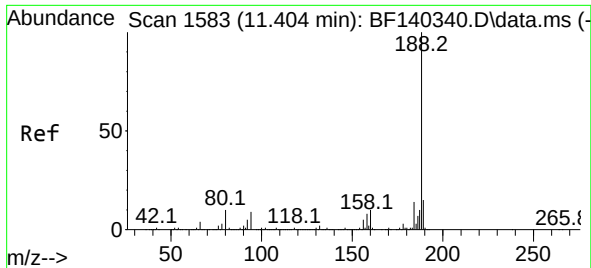
Tgt Ion:154 Resp: 184909
Ion Ratio Lower Upper
154 100
153 114.1 89.8 134.8
152 53.8 42.6 64.0



#58
Fluorene
Concen: 5.785 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Tgt Ion:166 Resp: 94791
Ion Ratio Lower Upper
166 100
165 93.8 73.9 110.9
167 13.5 10.9 16.3

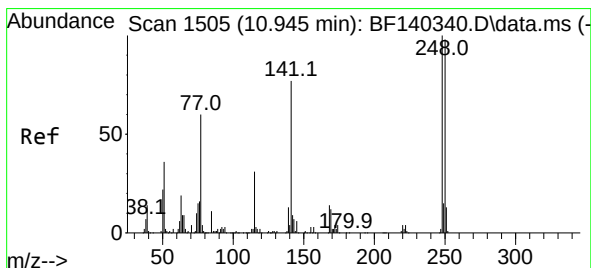
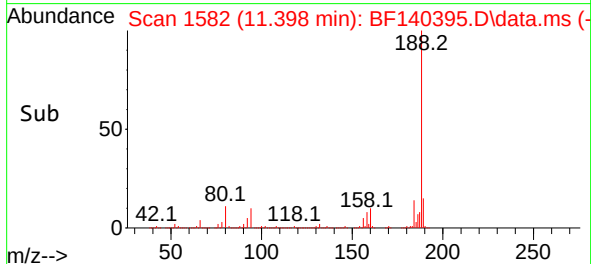
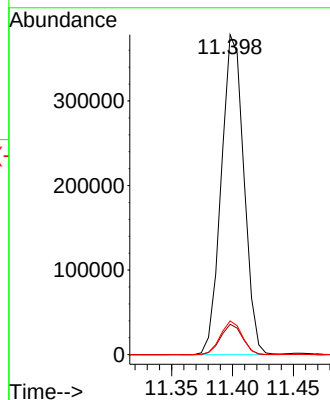
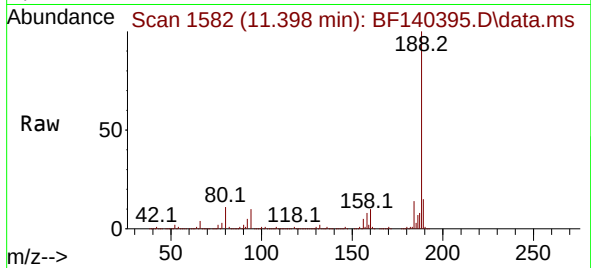




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.398 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

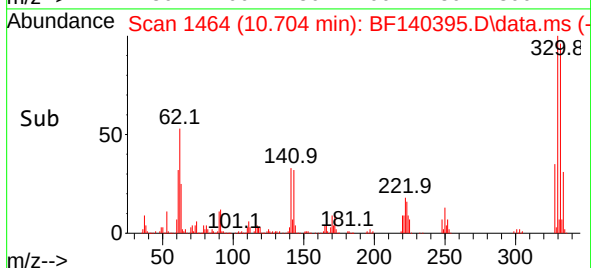
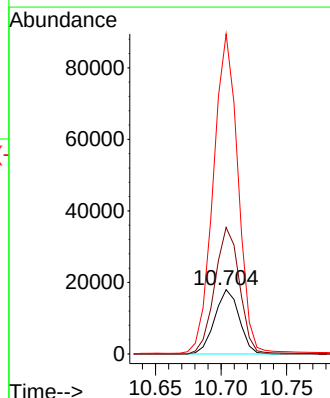
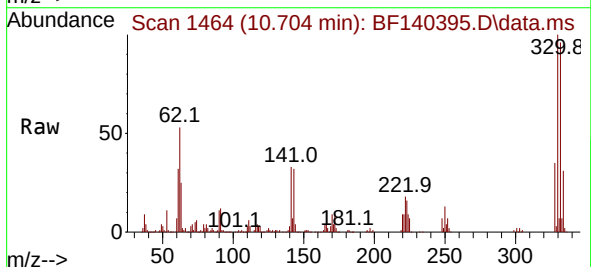
Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

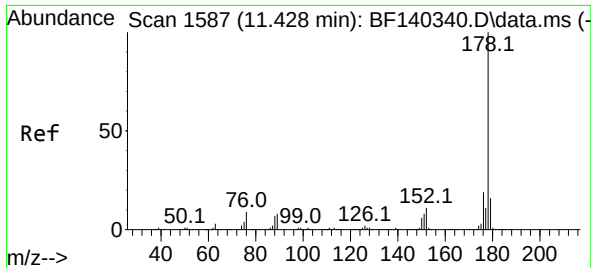
Tgt Ion:188 Resp: 489102
Ion Ratio Lower Upper
188 100
94 9.5 7.6 11.4
80 10.6 8.0 12.0



#67
4-Bromophenyl-phenylether
Concen: 4.774 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.241 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Tgt Ion:248 Resp: 23343
Ion Ratio Lower Upper
248 100
250 196.7 77.9 116.9#
141 497.2 61.8 92.6#

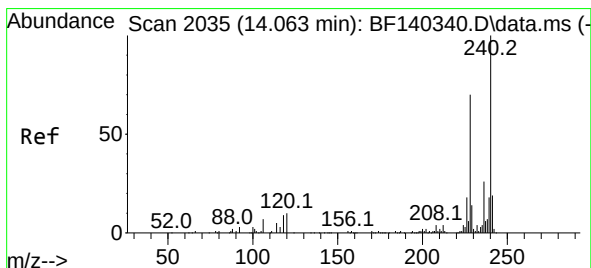
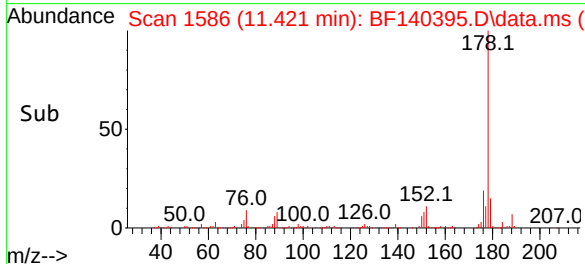
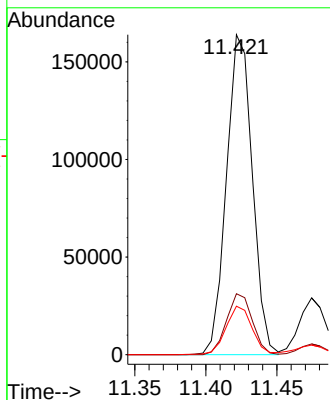
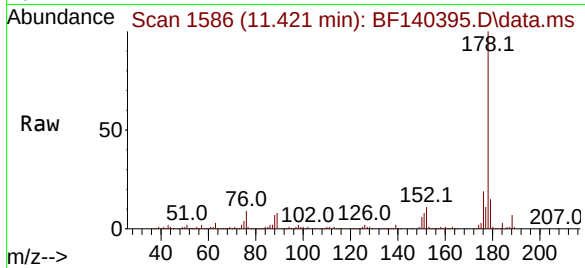




#71
Phenanthrene
Concen: 9.059 ng
RT: 11.421 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

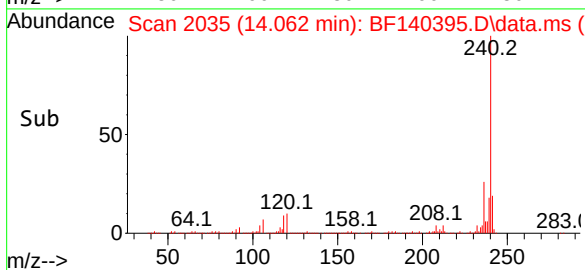
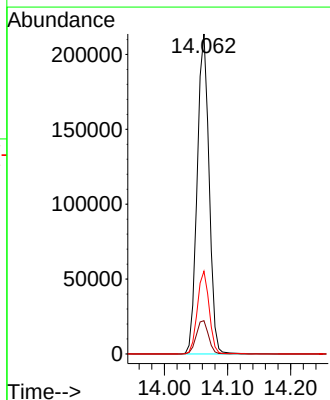
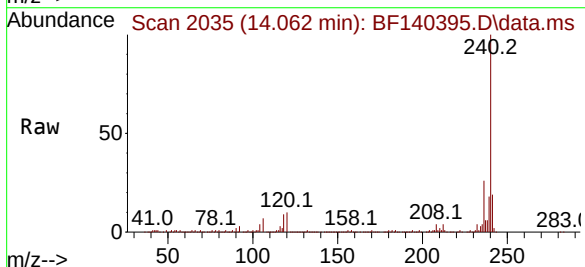
Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

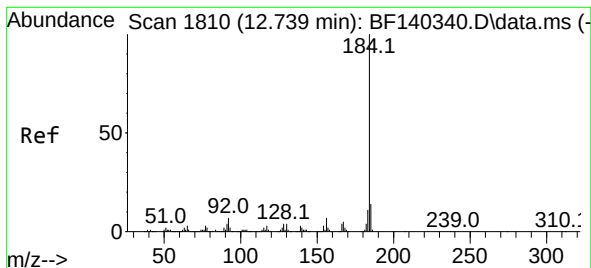
Tgt Ion:178 Resp: 208137
Ion Ratio Lower Upper
178 100
176 19.0 15.5 23.3
179 15.2 12.4 18.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.062 min Scan# 2035
Delta R.T. 0.012 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Tgt Ion:240 Resp: 278626
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 25.8 20.9 31.3





#77

Benzidine

Concen: 7.546 ng

RT: 12.739 min Scan# 1810

Delta R.T. 0.006 min

Lab File: BF140395.D

Acq: 15 Nov 2024 11:33

Instrument :

BNA_F

ClientSampleId :

WC-TA2-02-C

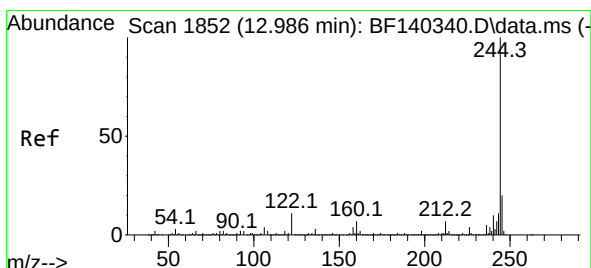
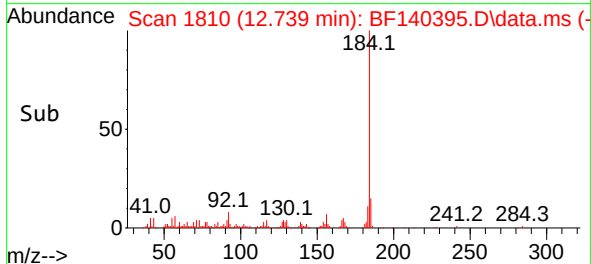
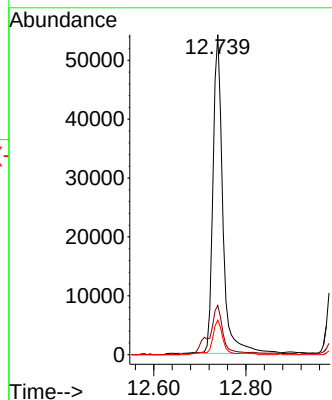
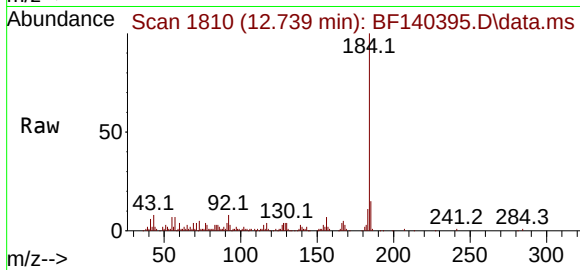
Tgt Ion:184 Resp: 80699

Ion Ratio Lower Upper

184 100

185 15.4 11.9 17.9

183 10.8 8.6 13.0



#79

Terphenyl-d14

Concen: 98.700 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.006 min

Lab File: BF140395.D

Acq: 15 Nov 2024 11:33

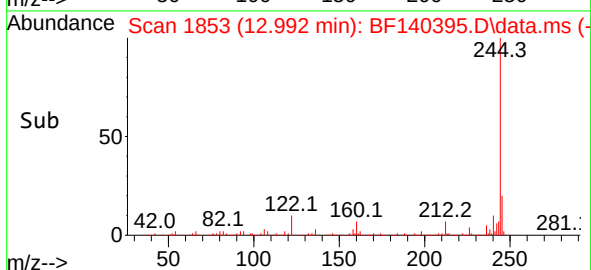
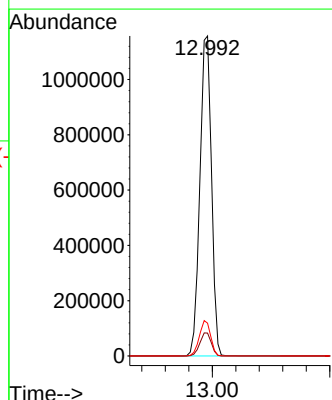
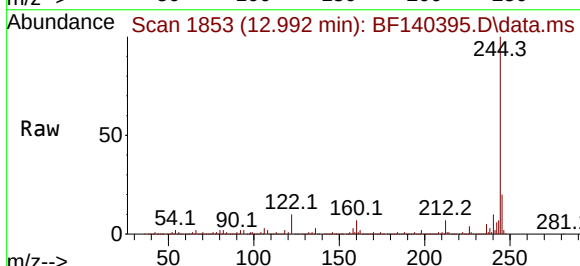
Tgt Ion:244 Resp: 1584307

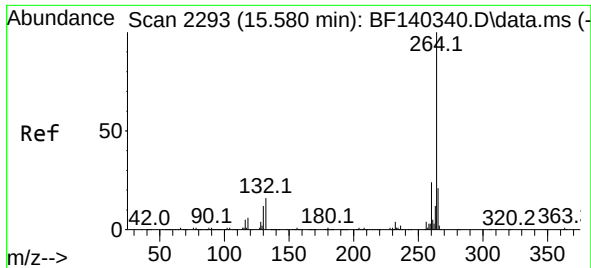
Ion Ratio Lower Upper

244 100

212 7.1 5.8 8.8

122 10.3 8.8 13.2





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.586 min Scan# 21
Delta R.T. 0.029 min
Lab File: BF140395.D
Acq: 15 Nov 2024 11:33

Instrument :
BNA_F
ClientSampleId :
WC-TA2-02-C

Tgt Ion:264 Resp: 287340

Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.3	17.1	25.7

