

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
 Data File : BF140398.D
 Acq On : 15 Nov 2024 12:52
 Operator : RC/JU
 Sample : P4799-07
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-TA2-03-C

Quant Time: Nov 15 13:18:49 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)

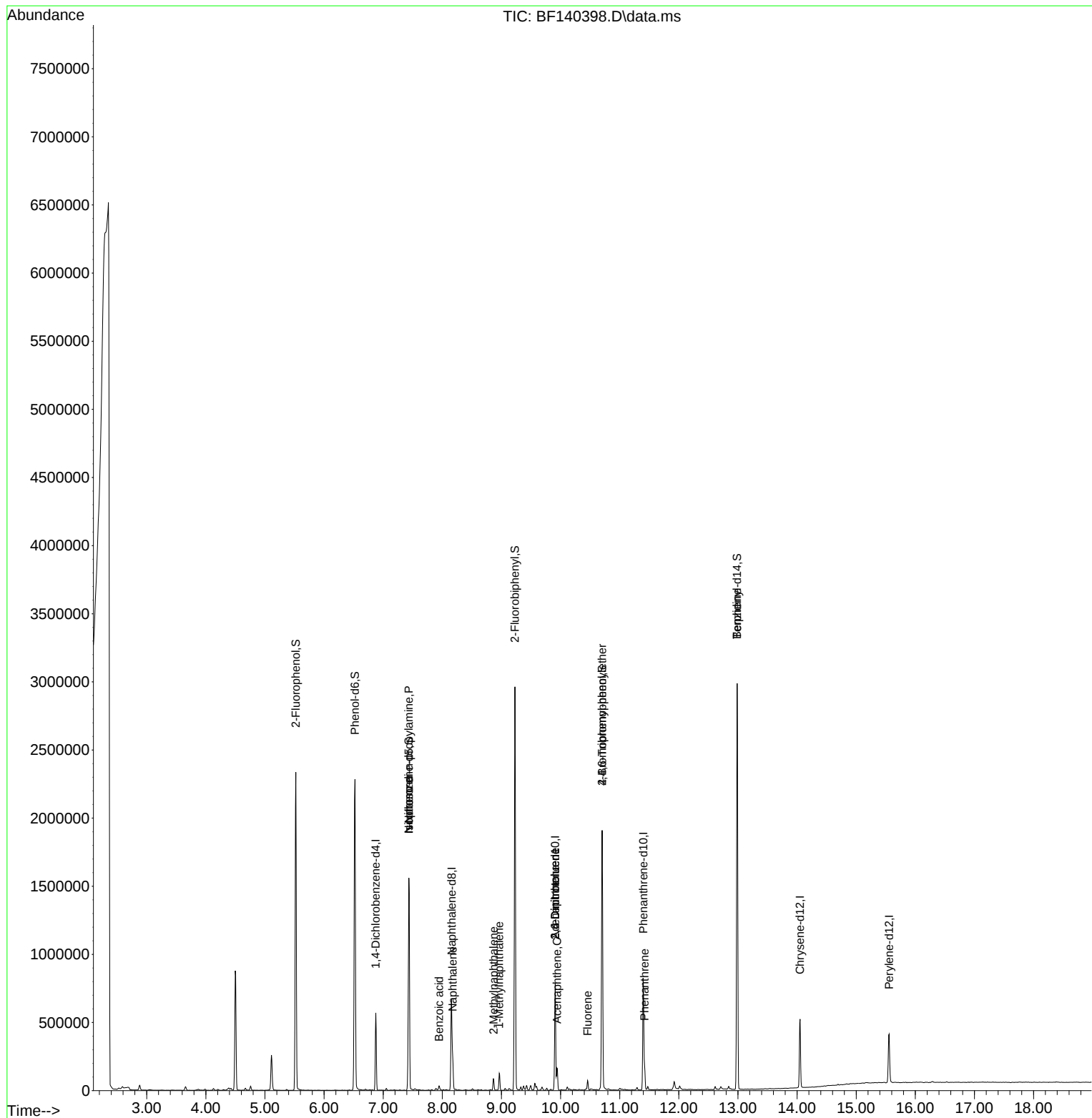
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	117399	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	435226	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	234558	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	431505	20.000	ng	0.00
76) Chrysene-d12	14.051	240	249173	20.000	ng	0.00
86) Perylene-d12	15.557	264	204971	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.522	112	879744	127.945	ng	0.03
7) Phenol-d6	6.522	99	1141001	122.480	ng	0.02
23) Nitrobenzene-d5	7.434	82	739645	88.546	ng	0.00
42) 2,4,6-Tribromophenol	10.704	330	326513	139.984	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1304219	89.385	ng	0.00
79) Terphenyl-d14	12.986	244	1458423	101.597	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	99966	17.767	ng	# 78
25) Isophorone	7.434	82	728362	49.199	ng	# 67
31) Naphthalene	8.175	128	133494	6.046	ng	99
32) Benzoic acid	7.945	122	9404	2.163	ng	# 17
37) 2-Methylnaphthalene	8.869	142	28721	2.029	ng	95
38) 1-Methylnaphthalene	8.963	142	45614	3.290	ng	99
51) 2,6-Dinitrotoluene	9.910	165	31496	9.036	ng	# 22
52) Acenaphthene	9.939	154	49484	3.725	ng	98
57) 2,4-Dinitrotoluene	9.910	165	31496	6.866	ng	# 20
58) Fluorene	10.457	166	30129	2.028	ng	97
67) 4-Bromophenyl-phenylether	10.704	248	20675	4.793	ng	# 1
71) Phenanthrene	11.422	178	81919	4.041	ng	98
77) Benzidine	12.986	184	20908	2.186	ng	# 94

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111524\
Data File : BF140398.D
Acq On : 15 Nov 2024 12:52
Operator : RC/JU
Sample : P4799-07
Misc :
ALS Vial : 9 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-TA2-03-C

Quant Time: Nov 15 13:18:49 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

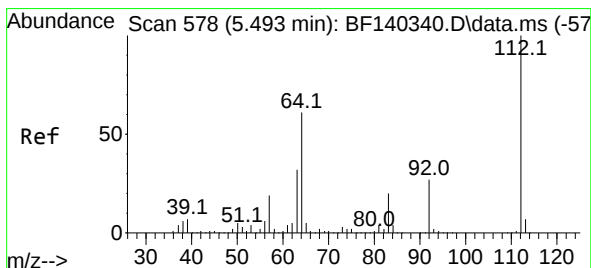
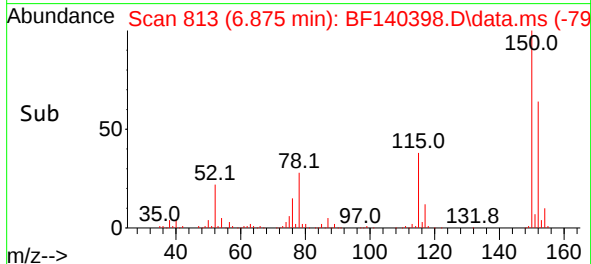
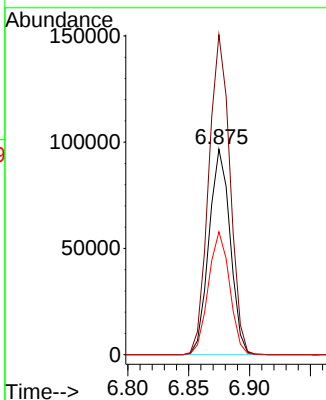
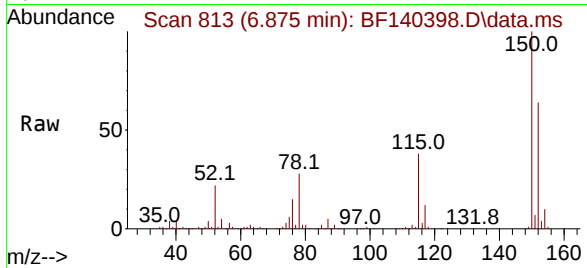




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 813
Delta R.T. -0.006 min
Lab File: BF140398.D
Acq: 15 Nov 2024 12:52

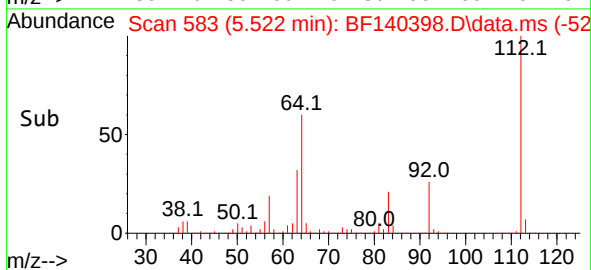
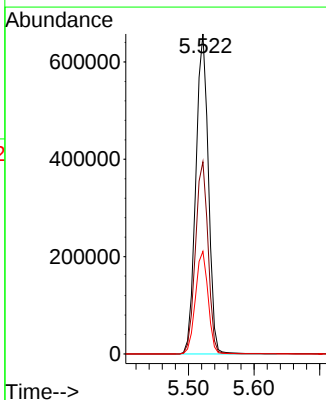
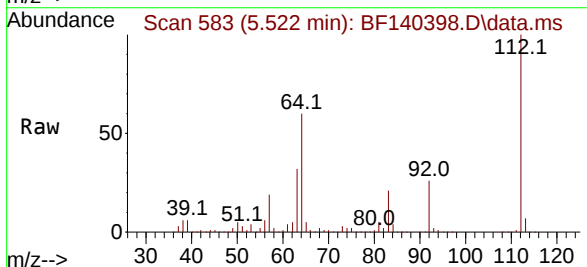
Instrument :
BNA_F
ClientSampleId :
WC-TA2-03-C

Tgt Ion:152 Resp: 117399
Ion Ratio Lower Upper
152 100
150 155.8 127.4 191.0
115 59.8 47.4 71.2



#5
2-Fluorophenol
Concen: 127.945 ng
RT: 5.522 min Scan# 583
Delta R.T. 0.029 min
Lab File: BF140398.D
Acq: 15 Nov 2024 12:52

Tgt Ion:112 Resp: 879744
Ion Ratio Lower Upper
112 100
64 60.0 49.2 73.8
63 32.1 25.6 38.4

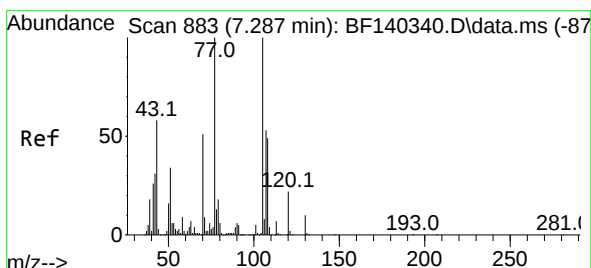
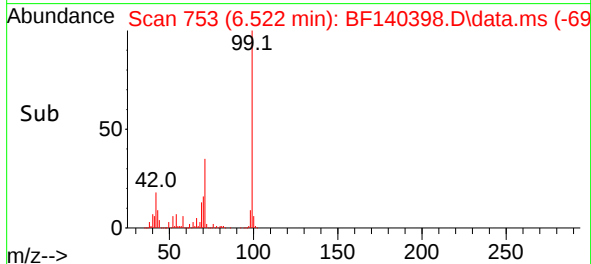
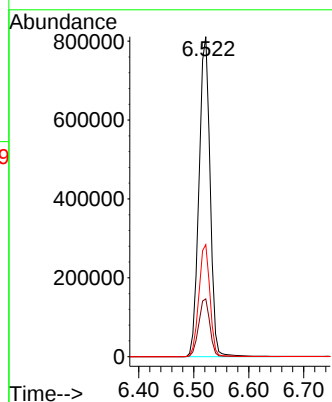
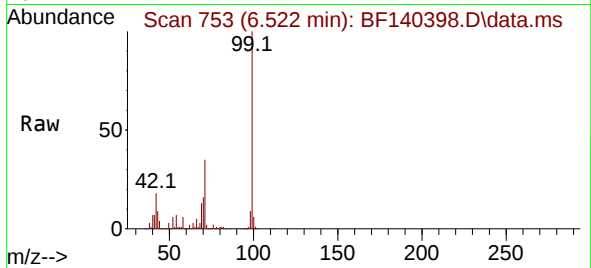




#7
Phenol-d6
Concen: 122.480 ng
RT: 6.522 min Scan# 71
Delta R.T. 0.018 min
Lab File: BF140398.D
Acq: 15 Nov 2024 12:52

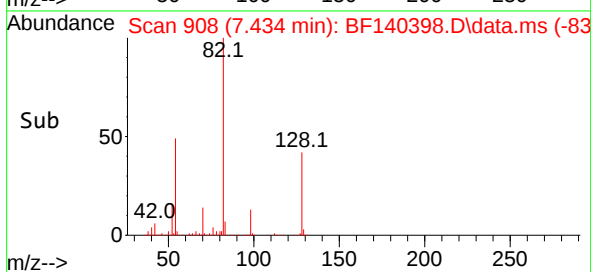
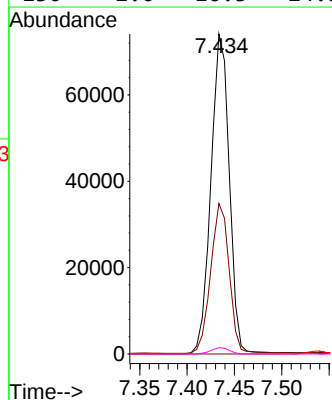
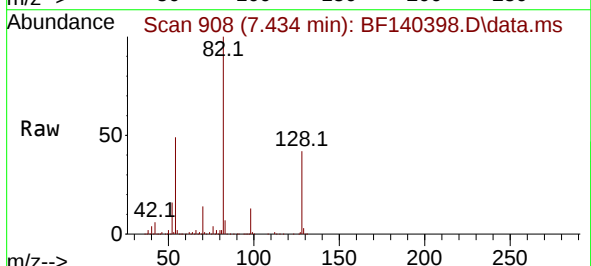
Instrument :
BNA_F
ClientSampleId :
WC-TA2-03-C

Tgt Ion: 99 Resp: 1141001
Ion Ratio Lower Upper
99 100
42 18.1 15.1 22.7
71 35.0 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 17.767 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140398.D
Acq: 15 Nov 2024 12:52

Tgt Ion: 70 Resp: 99966
Ion Ratio Lower Upper
70 100
42 47.1 46.8 70.2
101 0.0 7.5 11.3#
130 2.0 16.3 24.5#



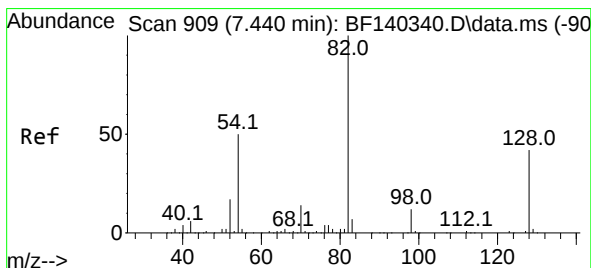
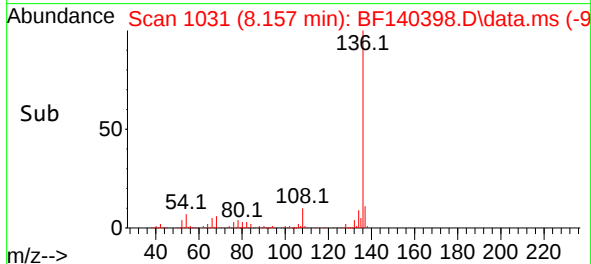
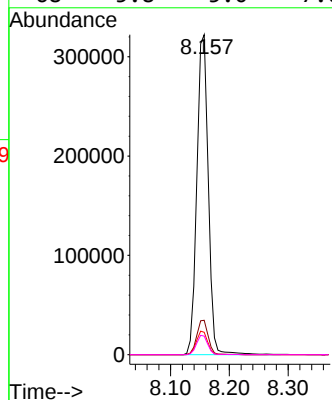
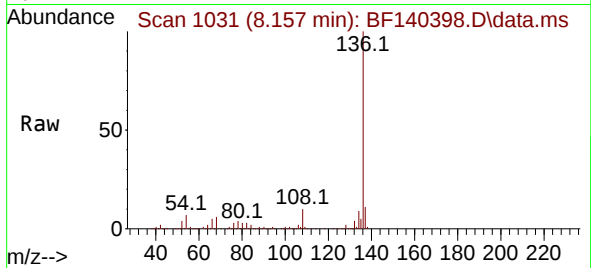


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140398.D
Acq: 15 Nov 2024 12:52

Instrument :
BNA_F
ClientSampleId :
WC-TA2-03-C

Tgt Ion:136 Resp: 435226

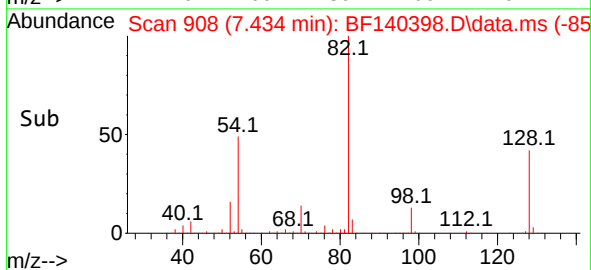
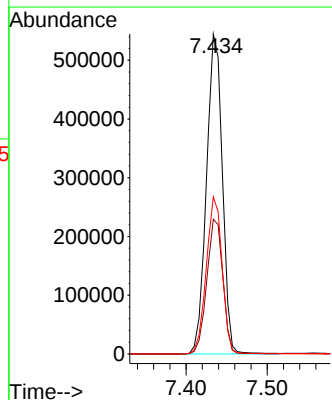
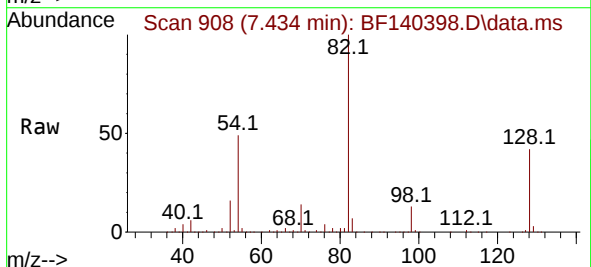
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.7	13.1
54	7.0	6.5	9.7
68	5.8	5.0	7.6



#23
Nitrobenzene-d5
Concen: 88.546 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140398.D
Acq: 15 Nov 2024 12:52

Tgt Ion: 82 Resp: 739645

Ion	Ratio	Lower	Upper
82	100		
128	42.1	33.3	49.9
54	49.1	39.8	59.8

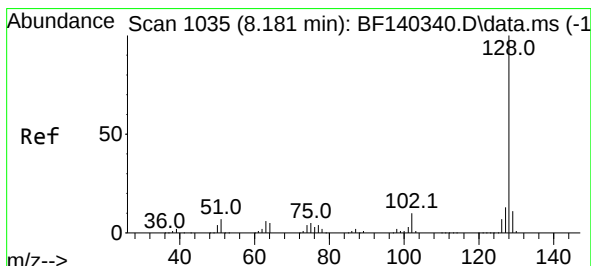
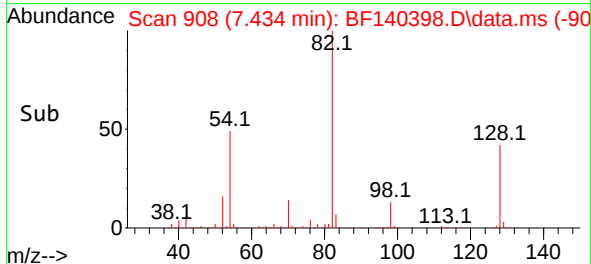
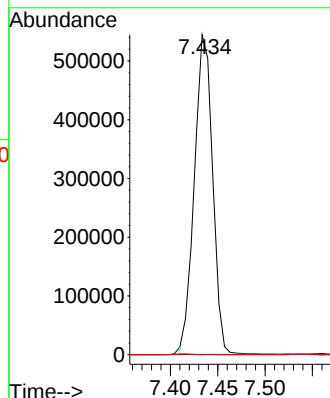
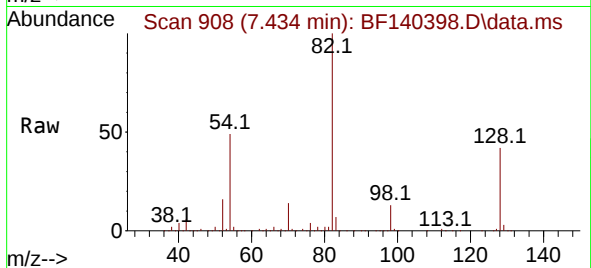




#25
Isophorone
Concen: 49.199 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140398.D
Acq: 15 Nov 2024 12:52

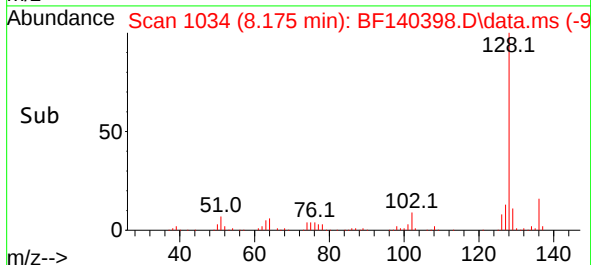
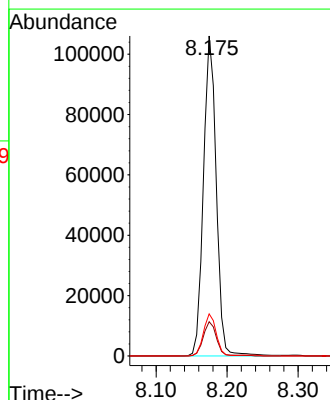
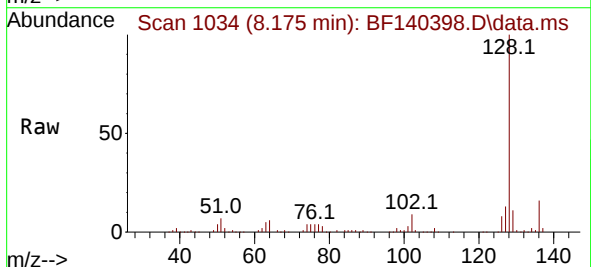
Instrument :
BNA_F
ClientSampleId :
WC-TA2-03-C

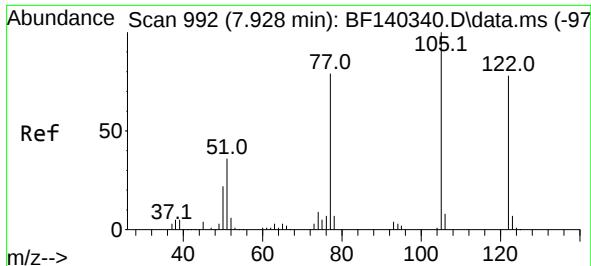
Tgt Ion: 82 Resp: 728362
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#31
Naphthalene
Concen: 6.046 ng
RT: 8.175 min Scan# 1034
Delta R.T. -0.006 min
Lab File: BF140398.D
Acq: 15 Nov 2024 12:52

Tgt Ion: 128 Resp: 133494
Ion Ratio Lower Upper
128 100
129 10.7 8.9 13.3
127 13.1 10.6 15.8

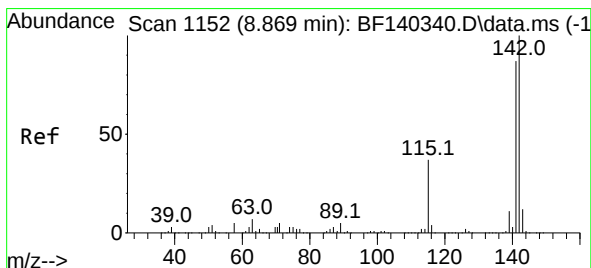
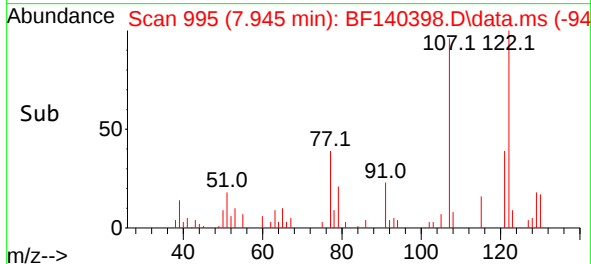
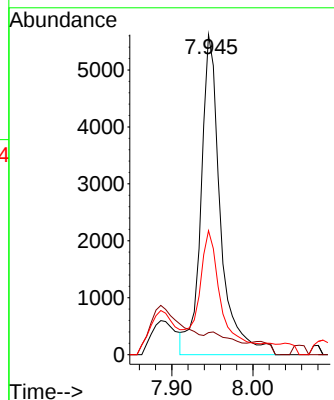
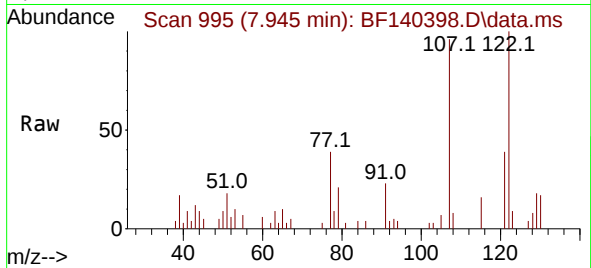




#32
Benzoic acid
Concen: 2.163 ng
RT: 7.945 min Scan# 992
Delta R.T. 0.018 min
Lab File: BF140398.D
Acq: 15 Nov 2024 12:52

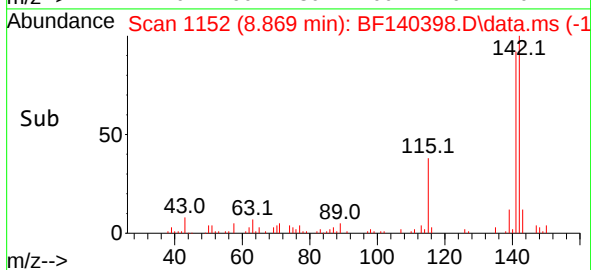
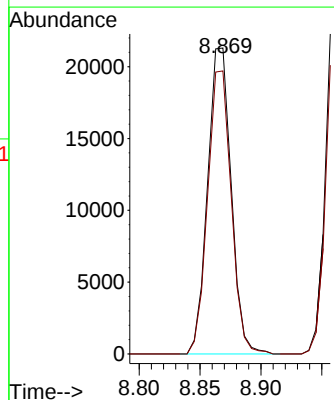
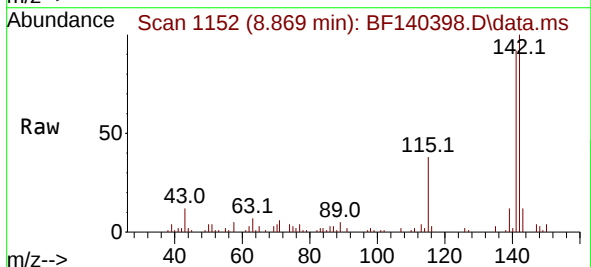
Instrument :
BNA_F
ClientSampleId :
WC-TA2-03-C

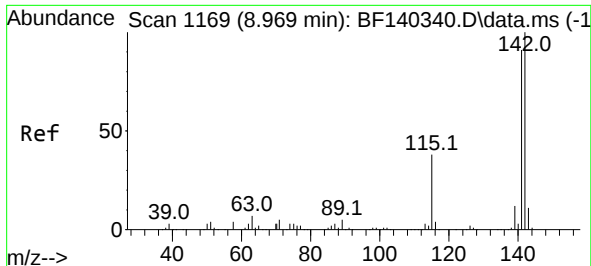
Tgt Ion:122 Resp: 9404
Ion Ratio Lower Upper
122 100
105 6.9 100.9 140.9#
77 38.8 76.0 116.0#



#37
2-Methylnaphthalene
Concen: 2.029 ng
RT: 8.869 min Scan# 1152
Delta R.T. -0.000 min
Lab File: BF140398.D
Acq: 15 Nov 2024 12:52

Tgt Ion:142 Resp: 28721
Ion Ratio Lower Upper
142 100
141 92.5 70.4 105.6

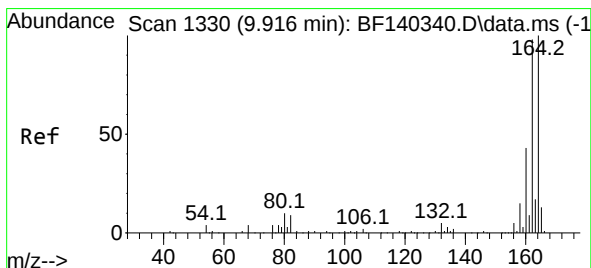
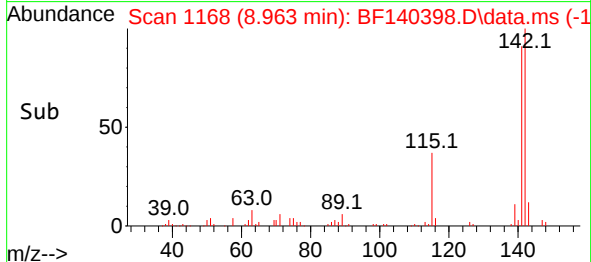
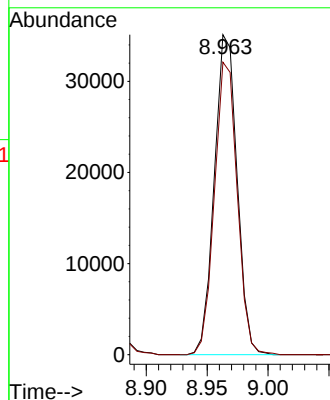
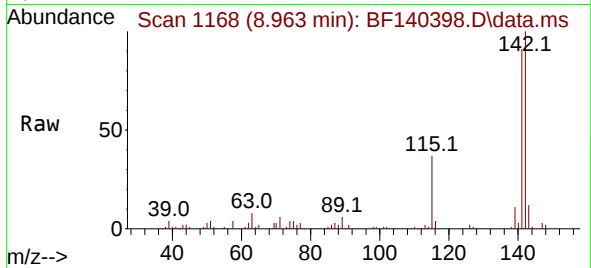




#38
1-Methylnaphthalene
Concen: 3.290 ng
RT: 8.963 min Scan# 1169
Delta R.T. -0.006 min
Lab File: BF140398.D
Acq: 15 Nov 2024 12:52

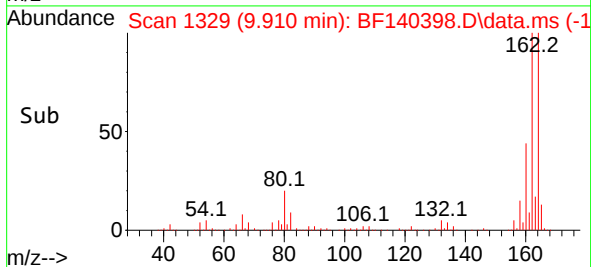
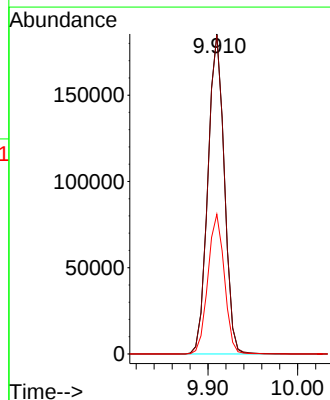
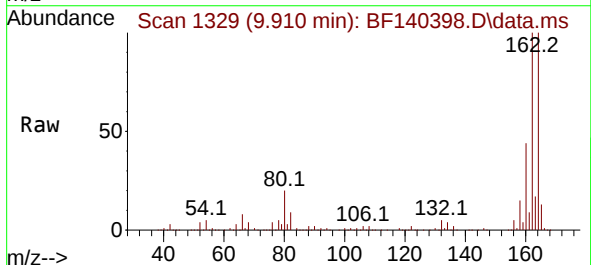
Instrument :
BNA_F
ClientSampleId :
WC-TA2-03-C

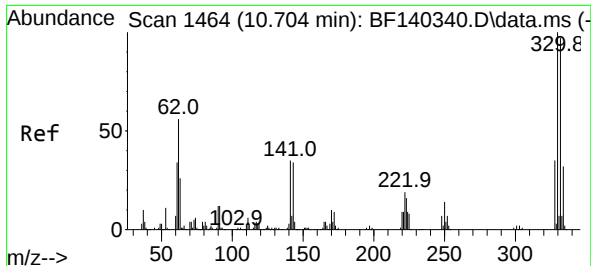
Tgt Ion:142 Resp: 45614
Ion Ratio Lower Upper
142 100
141 91.4 73.6 110.4



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF140398.D
Acq: 15 Nov 2024 12:52

Tgt Ion:164 Resp: 234558
Ion Ratio Lower Upper
164 100
162 99.7 79.8 119.8
160 43.6 35.4 53.0





#42

2,4,6-Tribromophenol

Concen: 139.984 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.000 min

Lab File: BF140398.D

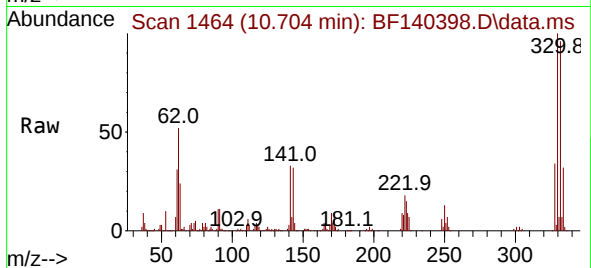
Acq: 15 Nov 2024 12:52

Instrument :

BNA_F

ClientSampleId :

WC-TA2-03-C



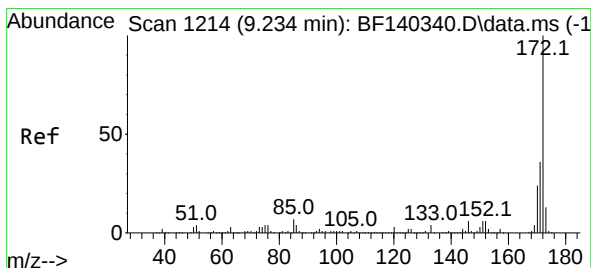
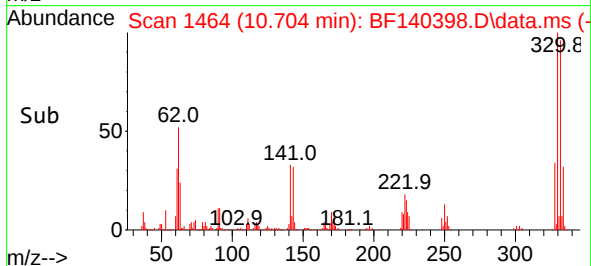
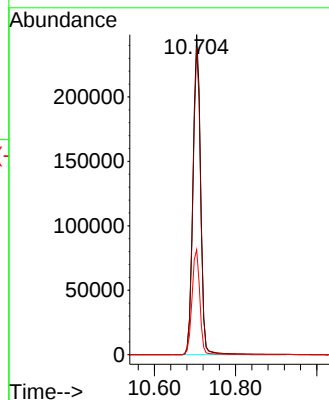
Tgt Ion:330 Resp: 326513

Ion Ratio Lower Upper

330 100

332 95.8 75.9 113.9

141 33.4 26.9 40.3



#45

2-Fluorobiphenyl

Concen: 89.385 ng

RT: 9.228 min Scan# 1213

Delta R.T. -0.006 min

Lab File: BF140398.D

Acq: 15 Nov 2024 12:52

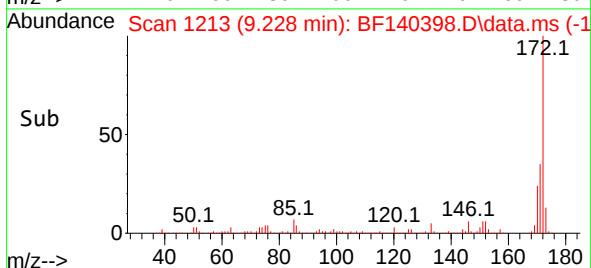
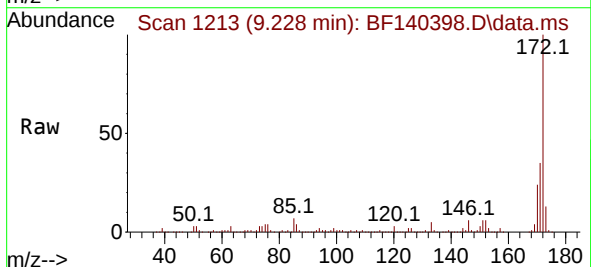
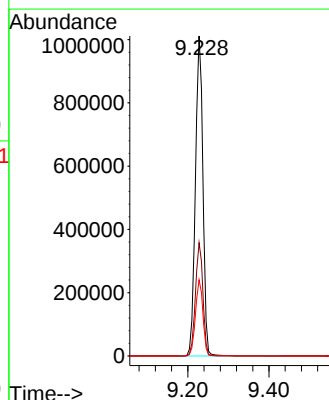
Tgt Ion:172 Resp: 1304219

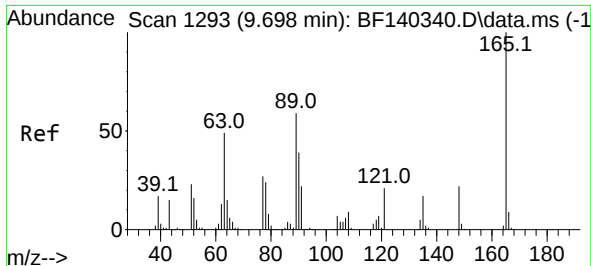
Ion Ratio Lower Upper

172 100

171 35.4 28.5 42.7

170 23.8 19.1 28.7

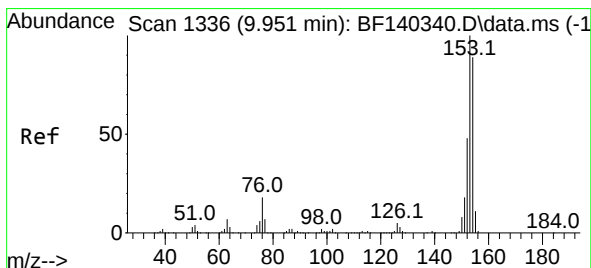
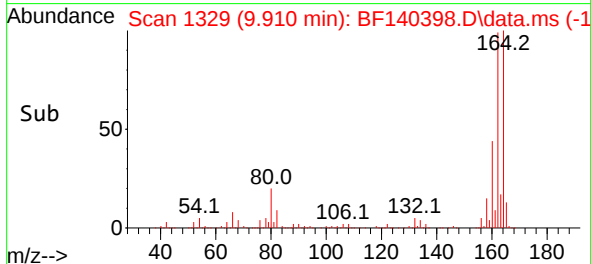
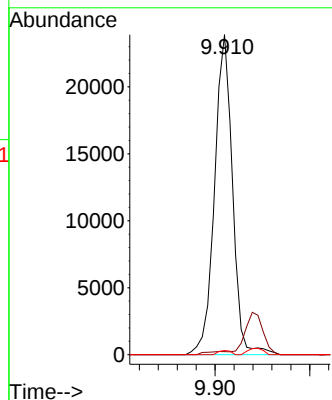
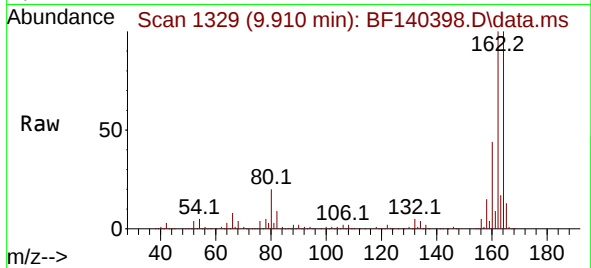




#51
2,6-Dinitrotoluene
Concen: 9.036 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF140398.D
Acq: 15 Nov 2024 12:52

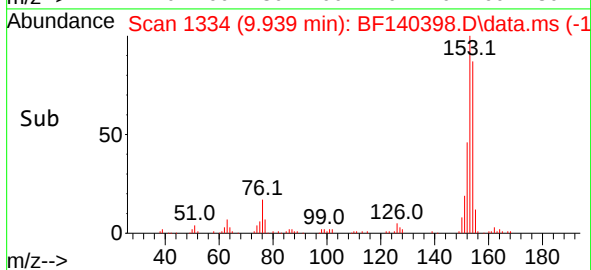
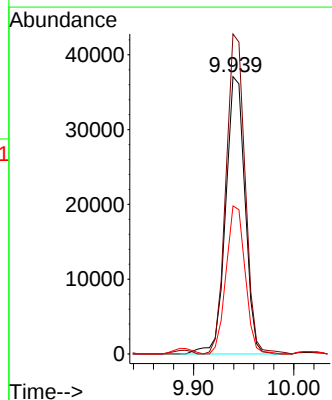
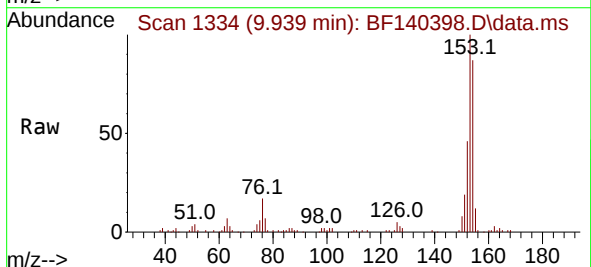
Instrument :
BNA_F
ClientSampleId :
WC-TA2-03-C

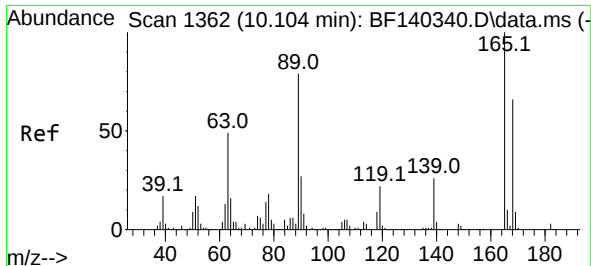
Tgt Ion:165 Resp: 31496
Ion Ratio Lower Upper
165 100
63 0.9 47.6 71.4#
89 1.3 48.1 72.1#



#52
Acenaphthene
Concen: 3.725 ng
RT: 9.939 min Scan# 1334
Delta R.T. -0.012 min
Lab File: BF140398.D
Acq: 15 Nov 2024 12:52

Tgt Ion:154 Resp: 49484
Ion Ratio Lower Upper
154 100
153 115.4 89.8 134.8
152 53.4 42.6 64.0

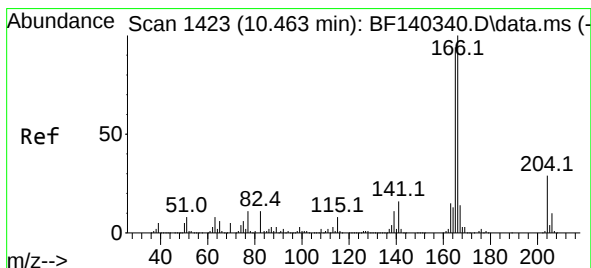
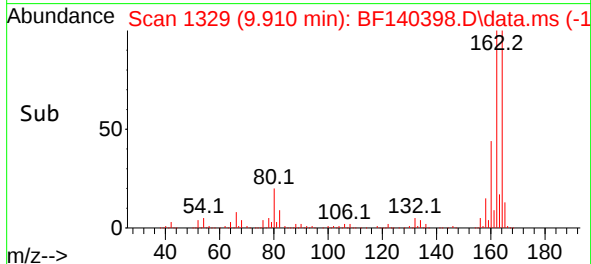
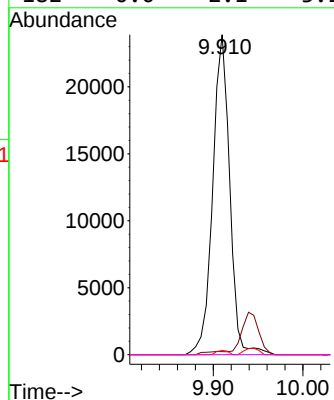
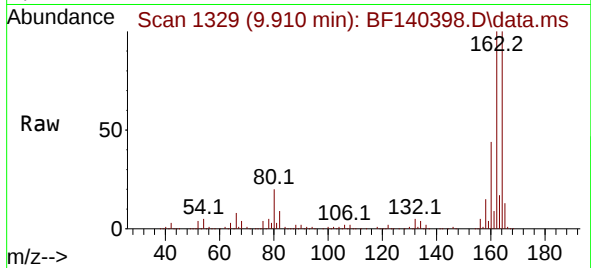




#57
2,4-Dinitrotoluene
Concen: 6.866 ng
RT: 9.910 min Scan# 11
Delta R.T. -0.194 min
Lab File: BF140398.D
Acq: 15 Nov 2024 12:52

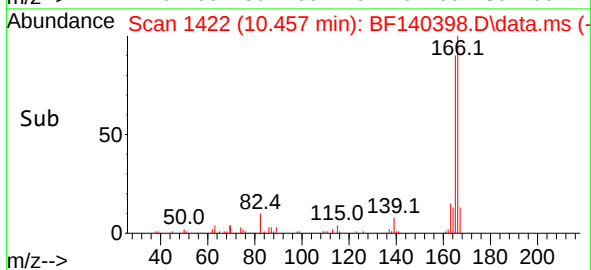
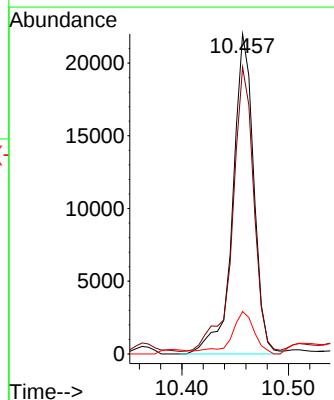
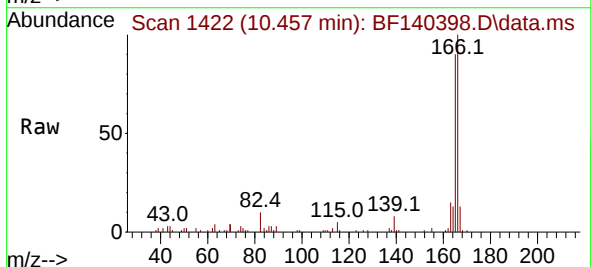
Instrument :
BNA_F
ClientSampleId :
WC-TA2-03-C

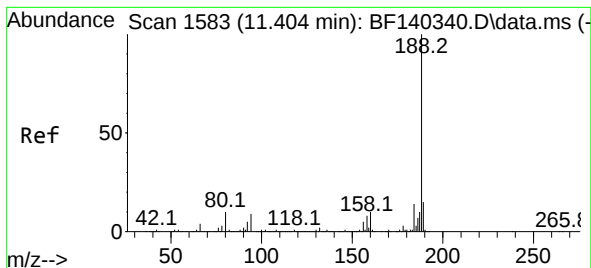
Tgt Ion:165 Resp: 31496
Ion Ratio Lower Upper
165 100
63 0.9 39.4 59.0#
89 1.3 62.4 93.6#
182 0.0 2.1 3.1#



#58
Fluorene
Concen: 2.028 ng
RT: 10.457 min Scan# 1422
Delta R.T. -0.006 min
Lab File: BF140398.D
Acq: 15 Nov 2024 12:52

Tgt Ion:166 Resp: 30129
Ion Ratio Lower Upper
166 100
165 89.7 73.9 110.9
167 13.2 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: BF140398.D

Acq: 15 Nov 2024 12:52

Instrument :

BNA_F

ClientSampleId :

WC-TA2-03-C

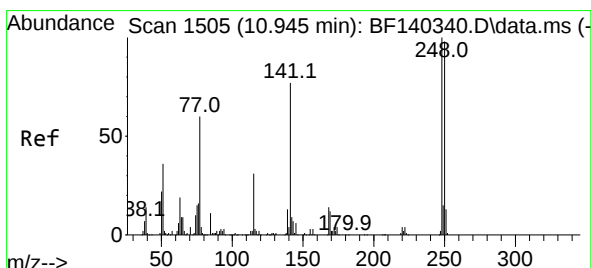
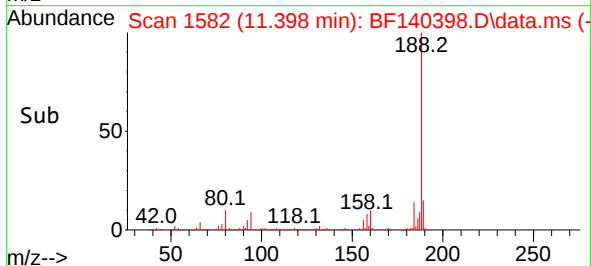
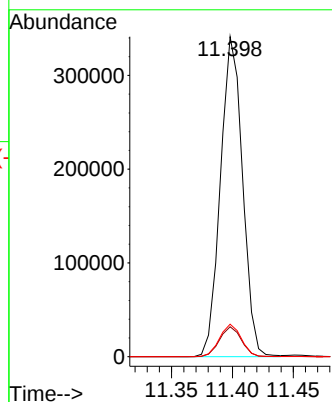
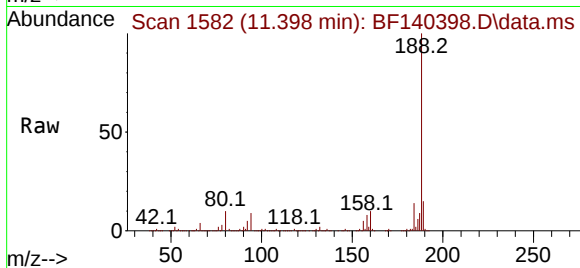
Tgt Ion:188 Resp: 431505

Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 10.2 8.0 12.0



#67

4-Bromophenyl-phenylether

Concen: 4.793 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.241 min

Lab File: BF140398.D

Acq: 15 Nov 2024 12:52

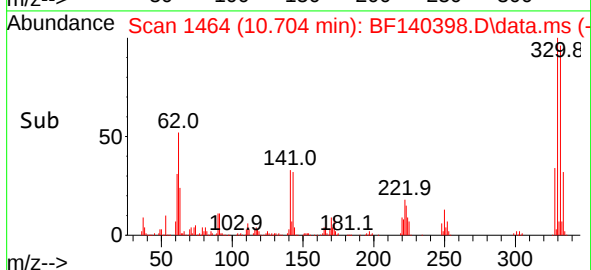
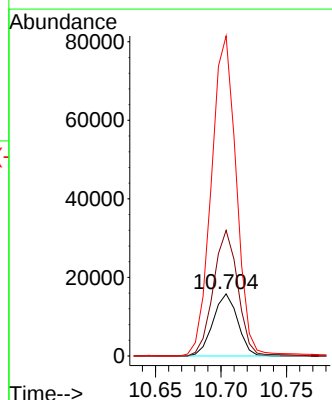
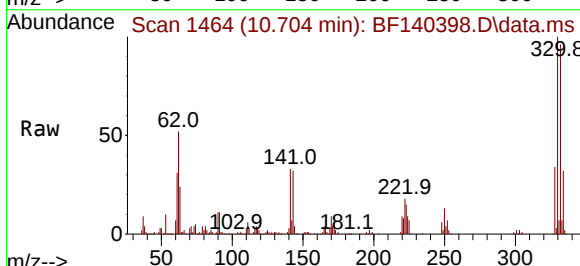
Tgt Ion:248 Resp: 20675

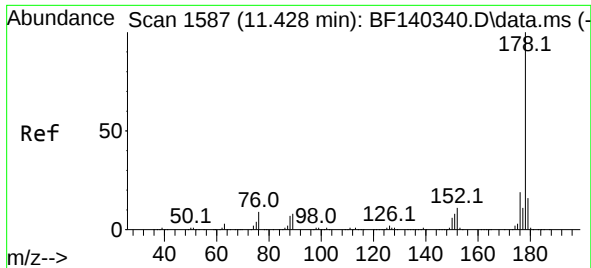
Ion Ratio Lower Upper

248 100

250 202.3 77.9 116.9#

141 515.2 61.8 92.6#

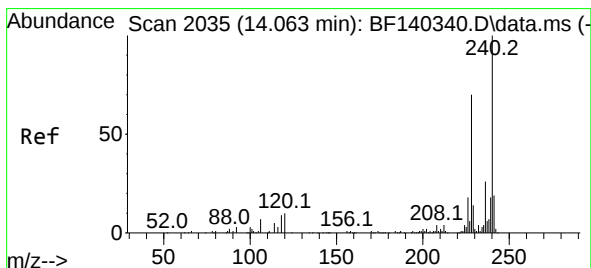
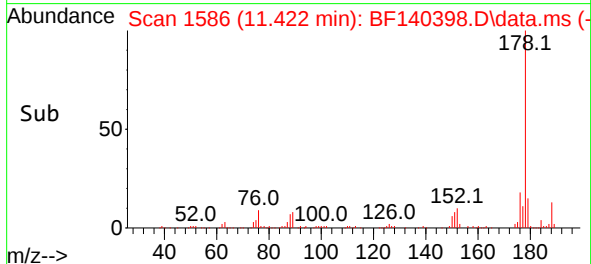
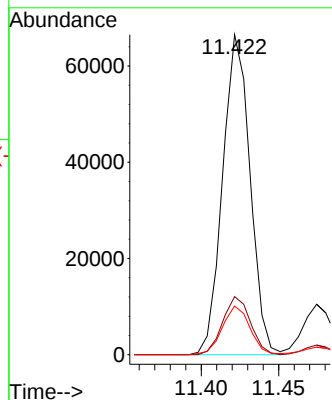
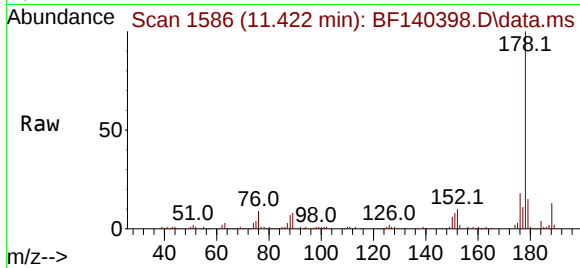




#71
Phenanthrene
Concen: 4.041 ng
RT: 11.422 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140398.D
Acq: 15 Nov 2024 12:52

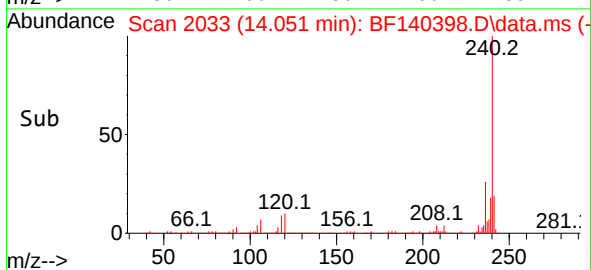
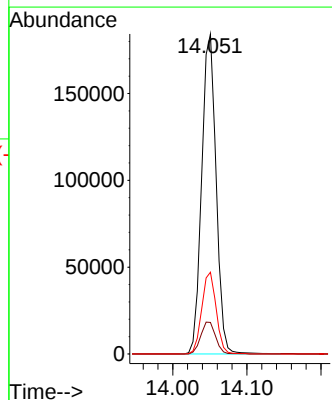
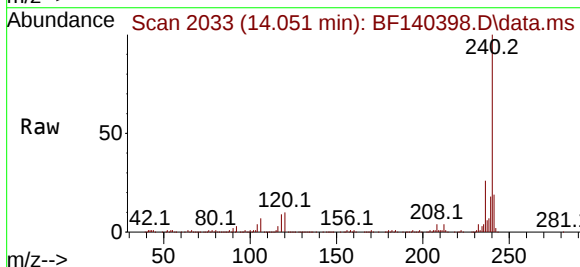
Instrument :
BNA_F
ClientSampleId :
WC-TA2-03-C

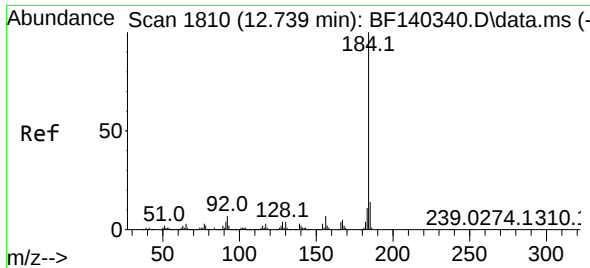
Tgt Ion:178 Resp: 81919
Ion Ratio Lower Upper
178 100
176 18.2 15.5 23.3
179 15.2 12.4 18.6



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF140398.D
Acq: 15 Nov 2024 12:52

Tgt Ion:240 Resp: 249173
Ion Ratio Lower Upper
240 100
120 9.9 8.8 13.2
236 25.5 20.9 31.3

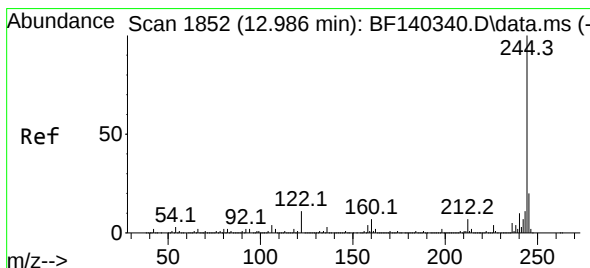
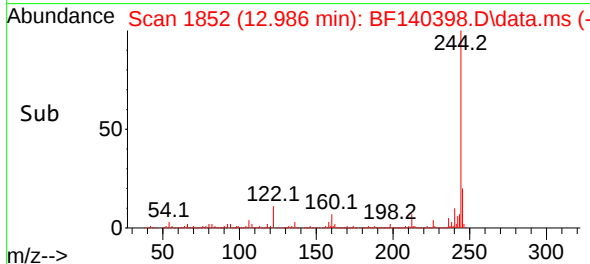
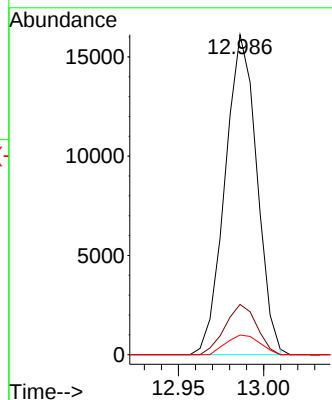
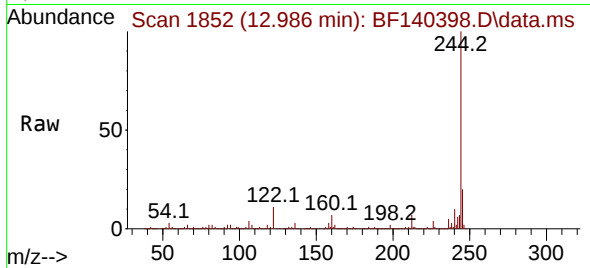




#77
Benzidine
Concen: 2.186 ng
RT: 12.986 min Scan# 1852
Delta R.T. 0.253 min
Lab File: BF140398.D
Acq: 15 Nov 2024 12:52

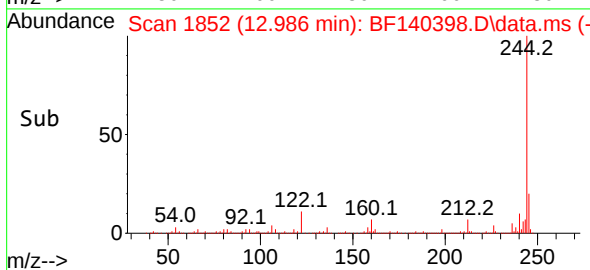
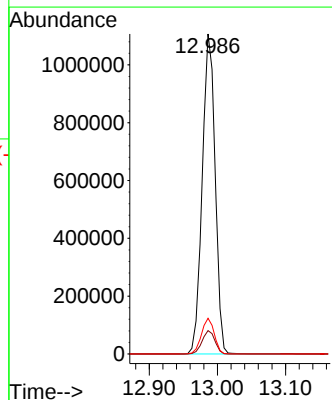
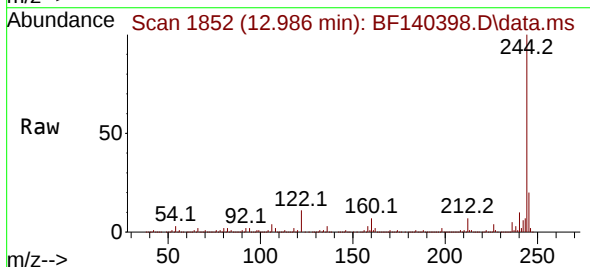
Instrument :
BNA_F
ClientSampleId :
WC-TA2-03-C

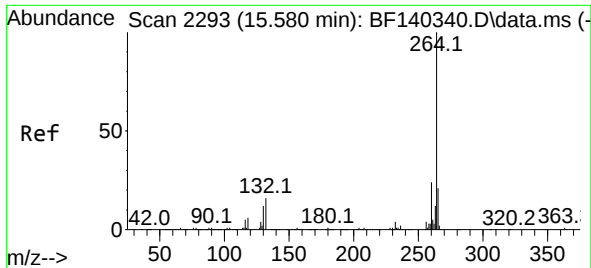
Tgt Ion:184 Resp: 20908
Ion Ratio Lower Upper
184 100
185 15.7 11.9 17.9
183 6.1 8.6 13.0#



#79
Terphenyl-d14
Concen: 101.597 ng
RT: 12.986 min Scan# 1852
Delta R.T. -0.000 min
Lab File: BF140398.D
Acq: 15 Nov 2024 12:52

Tgt Ion:244 Resp: 1458423
Ion Ratio Lower Upper
244 100
212 7.3 5.8 8.8
122 11.2 8.8 13.2





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.557 min Scan# 21
 Delta R.T. -0.000 min
 Lab File: BF140398.D
 Acq: 15 Nov 2024 12:52

Instrument :
 BNA_F
 ClientSampleId :
 WC-TA2-03-C

Tgt Ion:264 Resp: 204971
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 21.1 17.1 25.7

