

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF111424\
 Data File : BF140368.D
 Acq On : 14 Nov 2024 17:59
 Operator : RC/JU
 Sample : P4722-10RE
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-2(0-6)

Quant Time: Nov 15 00:27:19 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)

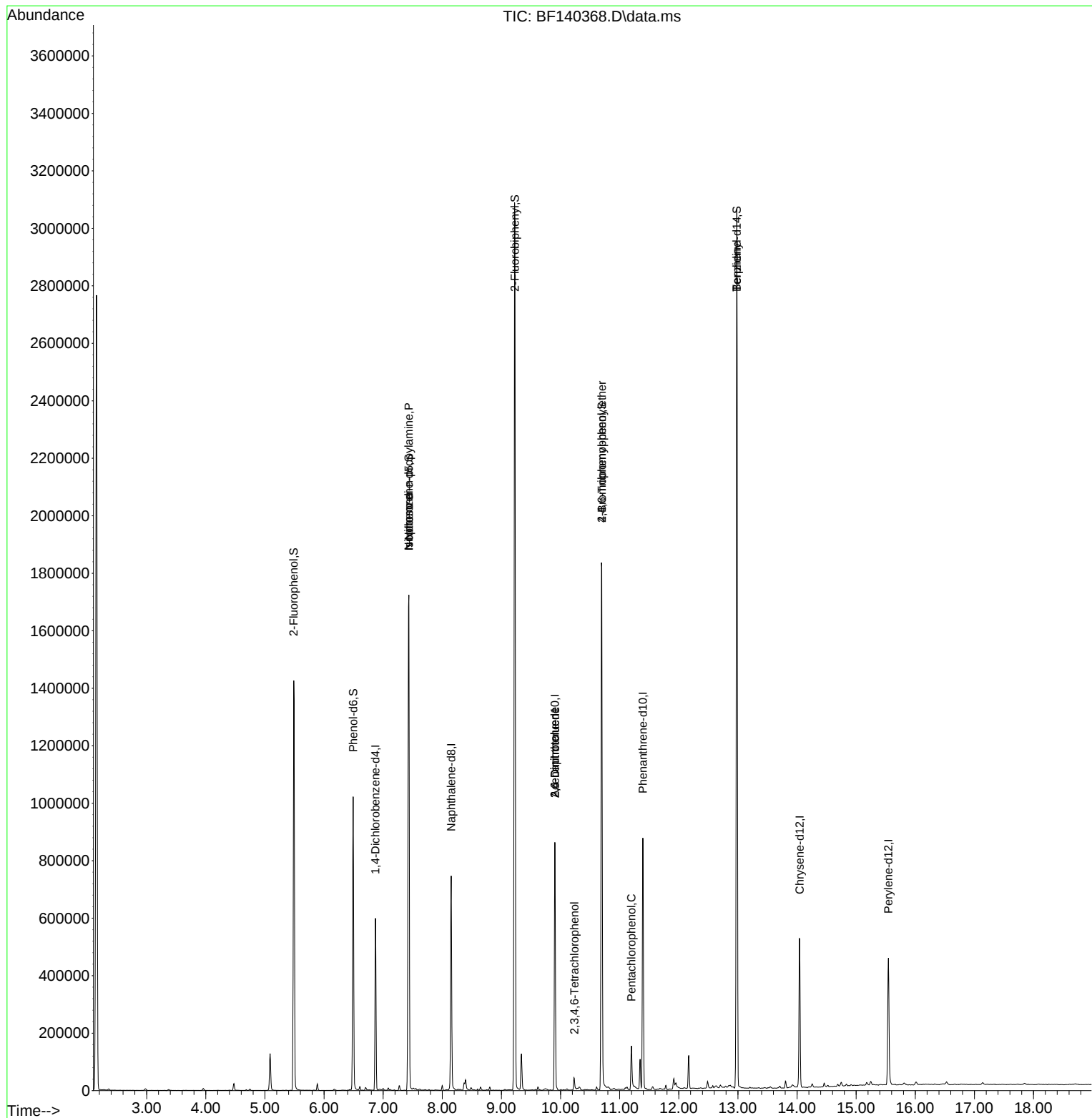
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.869	152	124042	20.000	ng	-0.01
21) Naphthalene-d8	8.151	136	464909	20.000	ng	0.00
39) Acenaphthene-d10	9.904	164	252110	20.000	ng	-0.01
64) Phenanthrene-d10	11.392	188	459695	20.000	ng	-0.01
76) Chrysene-d12	14.045	240	260161	20.000	ng	0.00
86) Perylene-d12	15.545	264	261026	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	541049	74.473	ng	0.00
7) Phenol-d6	6.493	99	469938	47.744	ng	-0.01
23) Nitrobenzene-d5	7.434	82	850173	95.280	ng	0.00
42) 2,4,6-Tribromophenol	10.698	330	325204	129.716	ng	0.00
45) 2-Fluorobiphenyl	9.228	172	1421774	90.658	ng	0.00
79) Terphenyl-d14	12.980	244	1479681	98.724	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	115966	19.507	ng	# 77
25) Isophorone	7.434	82	840503	53.149	ng	# 67
51) 2,6-Dinitrotoluene	9.904	165	33407	8.917	ng	# 22
57) 2,4-Dinitrotoluene	9.904	165	33407	6.776	ng	# 20
59) 2,3,4,6-Tetrachlorophenol	10.233	232	8775	2.222	ng	# 97
67) 4-Bromophenyl-phenylether	10.698	248	21228	4.620	ng	# 1
70) Pentachlorophenol	11.198	266	27258	9.787	ng	96
77) Benzidine	12.980	184	20131	2.016	ng	# 93

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

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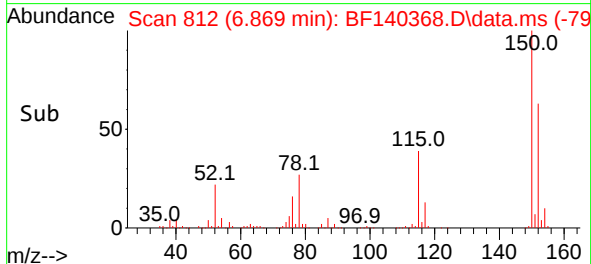
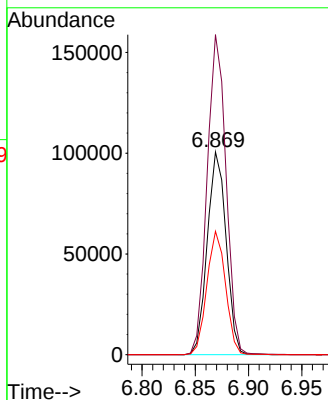
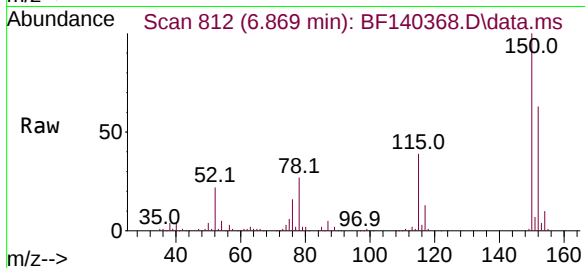




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.869 min Scan# 813
Delta R.T. -0.012 min
Lab File: BF140368.D
Acq: 14 Nov 2024 17:59

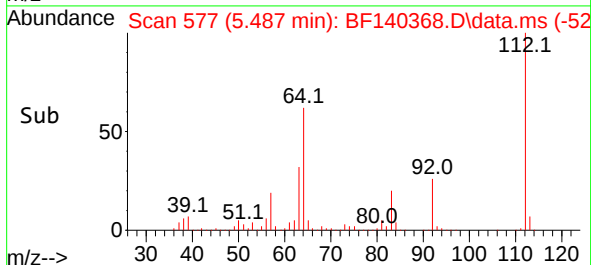
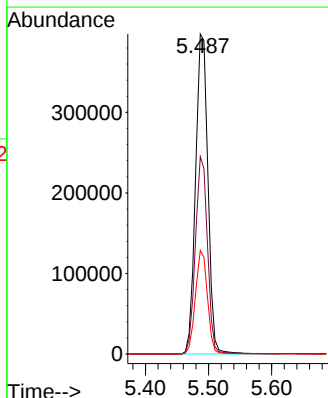
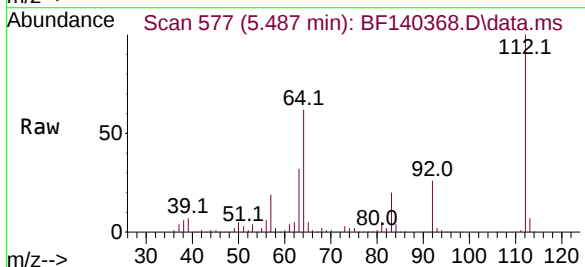
Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Tgt Ion:152 Resp: 124042
Ion Ratio Lower Upper
152 100
150 157.9 127.4 191.0
115 60.9 47.4 71.2



#5
2-Fluorophenol
Concen: 74.473 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.006 min
Lab File: BF140368.D
Acq: 14 Nov 2024 17:59

Tgt Ion:112 Resp: 541049
Ion Ratio Lower Upper
112 100
64 61.7 49.2 73.8
63 32.3 25.6 38.4

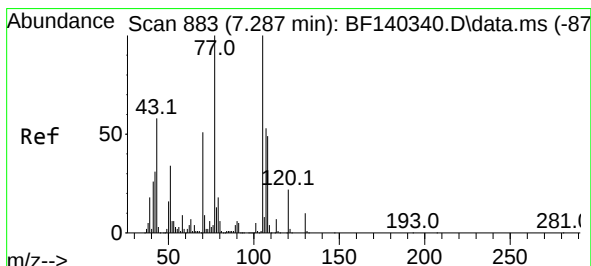
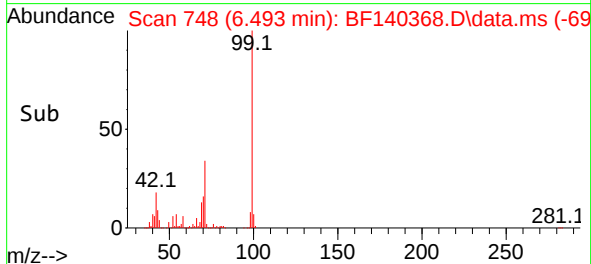
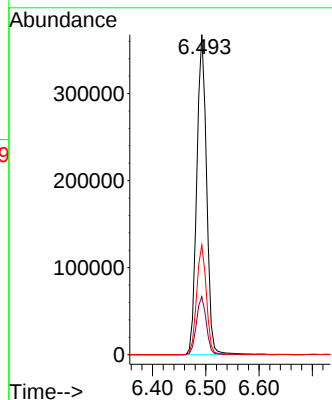
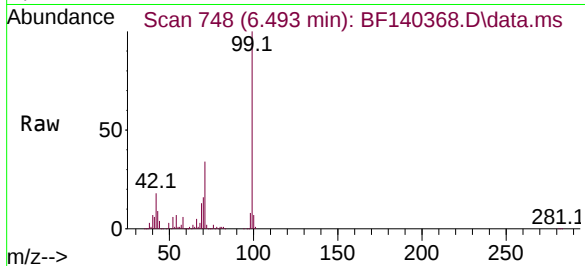




#7
Phenol-d6
Concen: 47.744 ng
RT: 6.493 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF140368.D
Acq: 14 Nov 2024 17:59

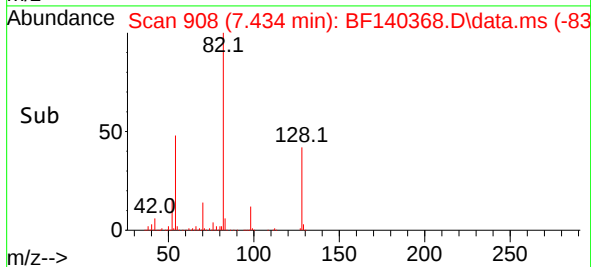
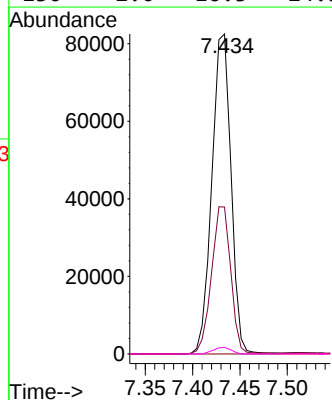
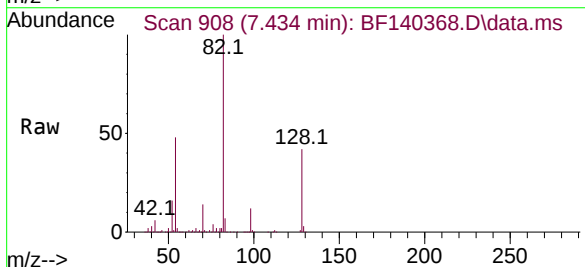
Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Tgt Ion: 99 Resp: 469938
Ion Ratio Lower Upper
99 100
42 18.1 15.1 22.7
71 34.2 27.9 41.9



#19
n-Nitroso-di-n-propylamine
Concen: 19.507 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140368.D
Acq: 14 Nov 2024 17:59

Tgt Ion: 70 Resp: 115966
Ion Ratio Lower Upper
70 100
42 45.9 46.8 70.2#
101 0.0 7.5 11.3#
130 2.0 16.3 24.5#



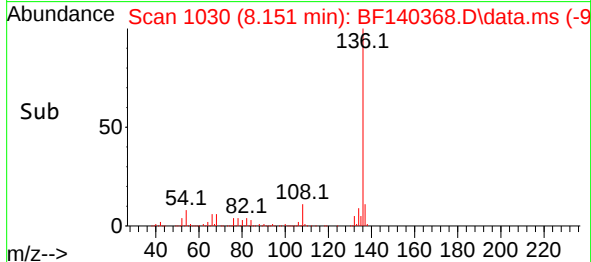
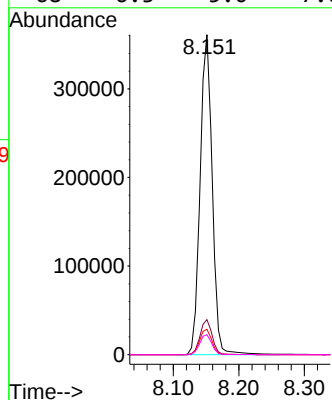
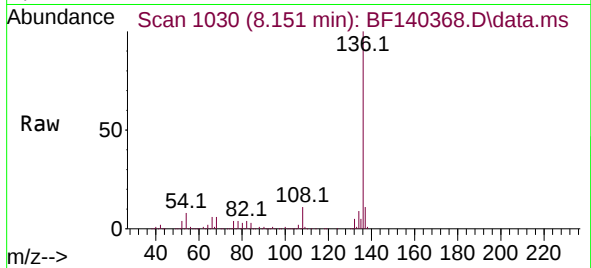


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.151 min Scan# 1031
Delta R.T. -0.006 min
Lab File: BF140368.D
Acq: 14 Nov 2024 17:59

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

Tgt Ion:136 Resp: 464909

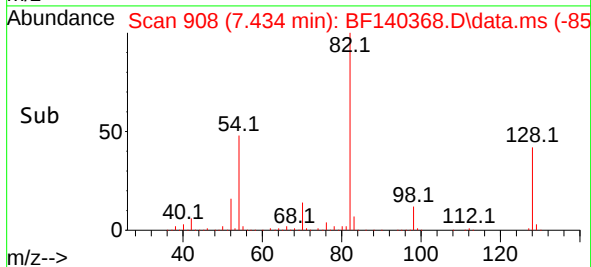
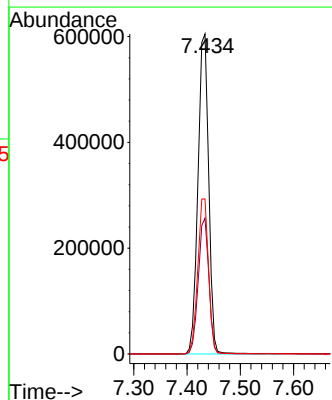
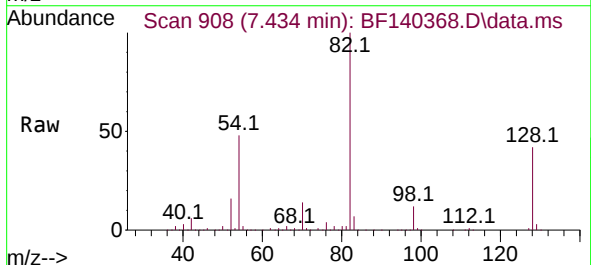
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.7	13.1
54	8.0	6.5	9.7
68	6.3	5.0	7.6



#23
Nitrobenzene-d5
Concen: 95.280 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.006 min
Lab File: BF140368.D
Acq: 14 Nov 2024 17:59

Tgt Ion: 82 Resp: 850173

Ion	Ratio	Lower	Upper
82	100		
128	42.4	33.3	49.9
54	48.5	39.8	59.8

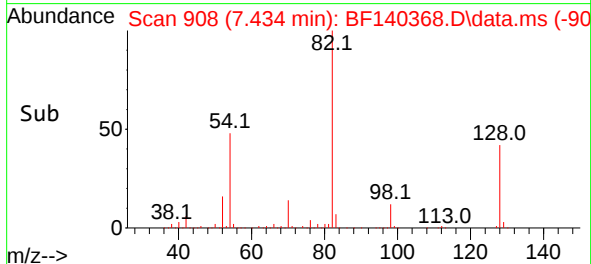
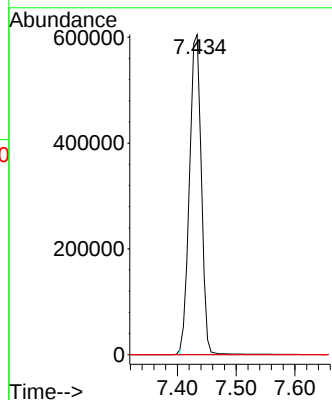
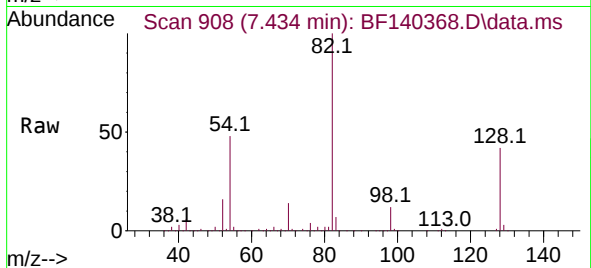




#25
Isophorone
Concen: 53.149 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140368.D
Acq: 14 Nov 2024 17:59

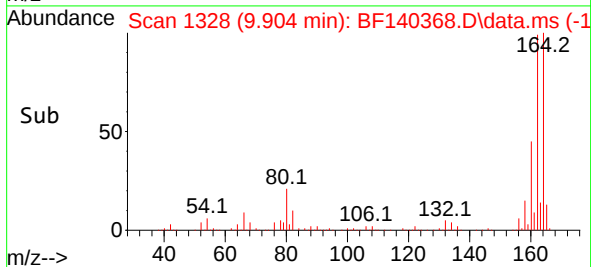
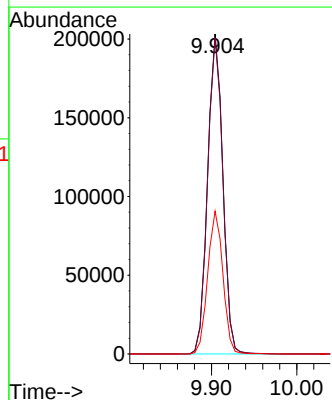
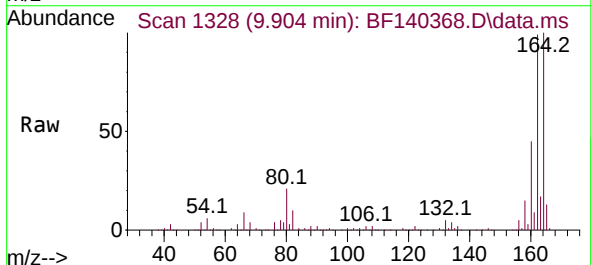
Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

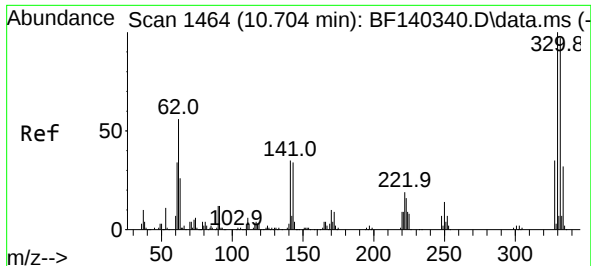
Tgt Ion: 82 Resp: 840503
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.904 min Scan# 1328
Delta R.T. -0.012 min
Lab File: BF140368.D
Acq: 14 Nov 2024 17:59

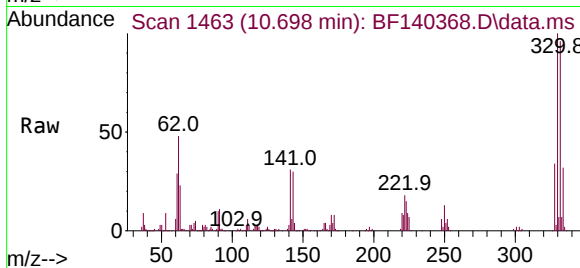
Tgt Ion:164 Resp: 252110
Ion Ratio Lower Upper
164 100
162 98.8 79.8 119.8
160 44.6 35.4 53.0



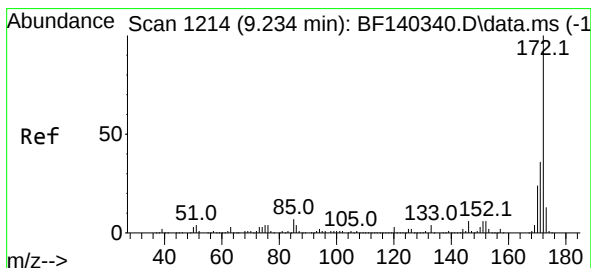
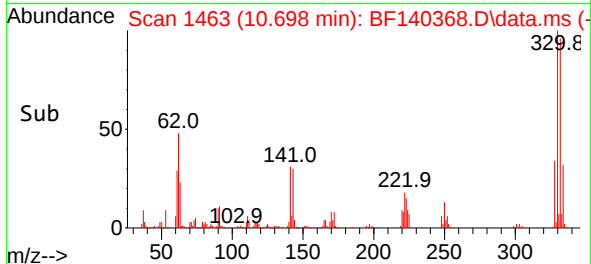
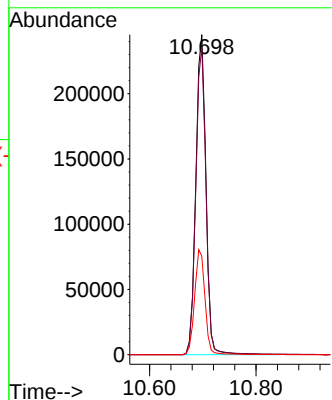


#42
2,4,6-Tribromophenol
Concen: 129.716 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.006 min
Lab File: BF140368.D
Acq: 14 Nov 2024 17:59

Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

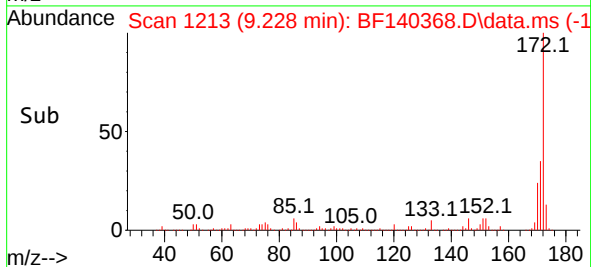
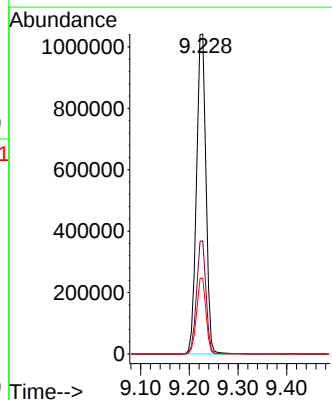
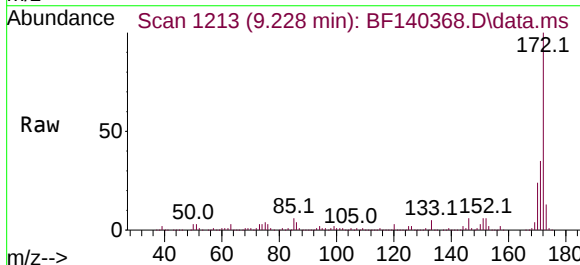


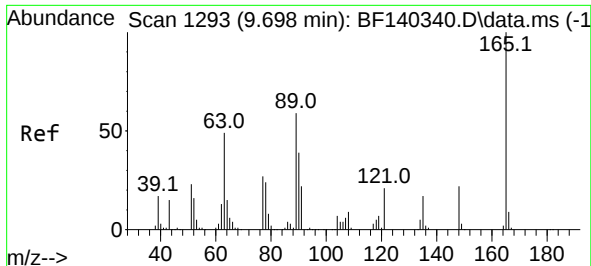
Tgt Ion:330 Resp: 325204
Ion Ratio Lower Upper
330 100
332 96.5 75.9 113.9
141 33.6 26.9 40.3



#45
2-Fluorobiphenyl
Concen: 90.658 ng
RT: 9.228 min Scan# 1213
Delta R.T. -0.006 min
Lab File: BF140368.D
Acq: 14 Nov 2024 17:59

Tgt Ion:172 Resp: 1421774
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: 8.917 ng

RT: 9.904 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF140368.D

Acq: 14 Nov 2024 17:59

Instrument :

BNA_F

ClientSampleId :

WC-2(0-6)

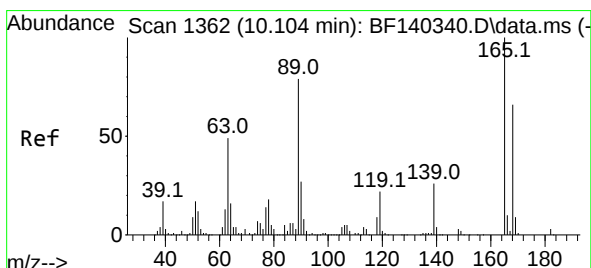
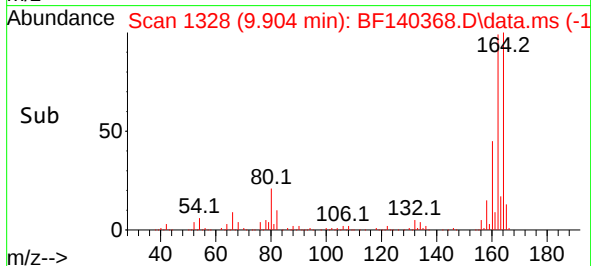
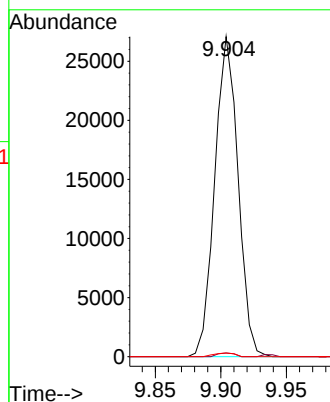
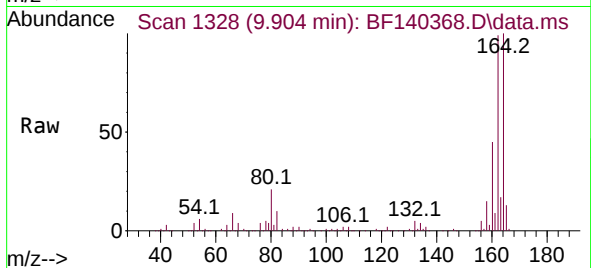
Tgt Ion:165 Resp: 33407

Ion Ratio Lower Upper

165 100

63 1.2 47.6 71.4#

89 1.2 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.776 ng

RT: 9.904 min Scan# 1328

Delta R.T. -0.200 min

Lab File: BF140368.D

Acq: 14 Nov 2024 17:59

Tgt Ion:165 Resp: 33407

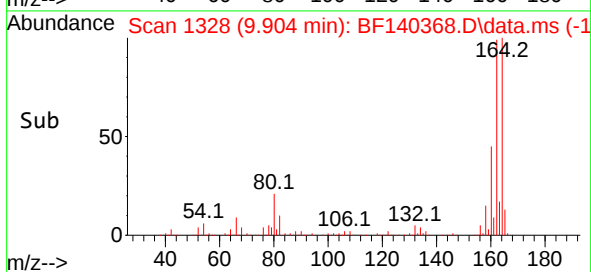
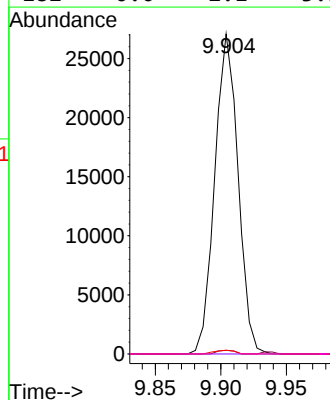
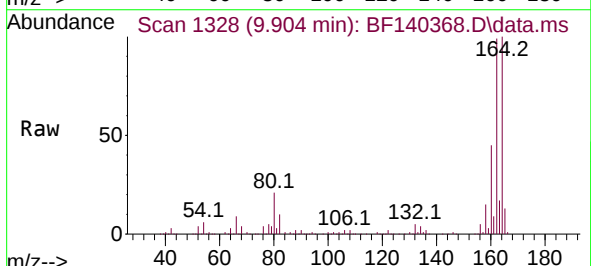
Ion Ratio Lower Upper

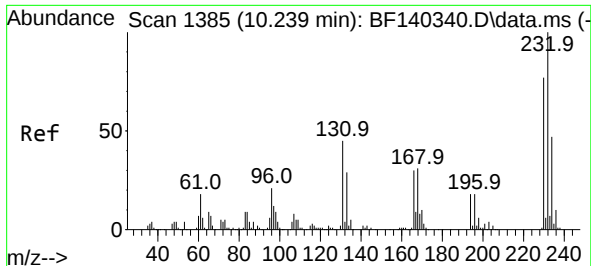
165 100

63 1.2 39.4 59.0#

89 1.2 62.4 93.6#

182 0.0 2.1 3.1#





#59

2,3,4,6-Tetrachlorophenol

Concen: 2.222 ng

RT: 10.233 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF140368.D

Acq: 14 Nov 2024 17:59

Instrument :

BNA_F

ClientSampleId :

WC-2(0-6)

Tgt Ion:232 Resp: 8775

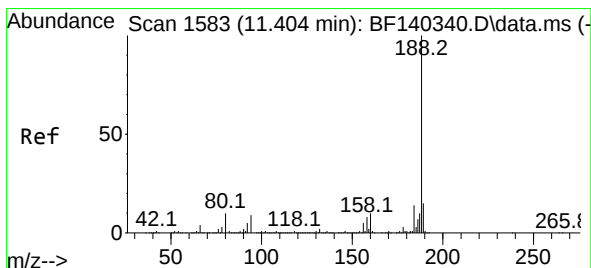
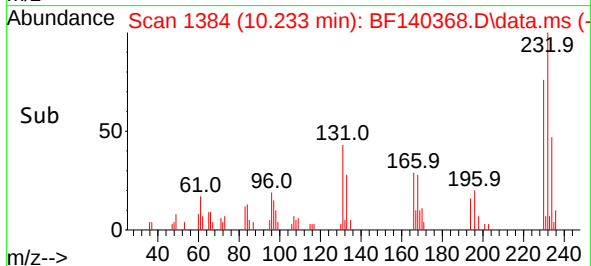
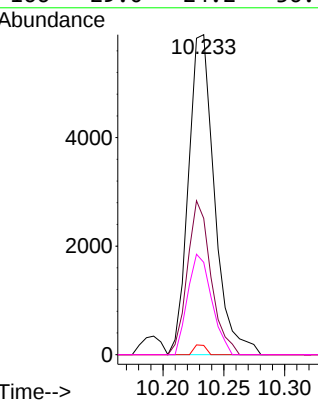
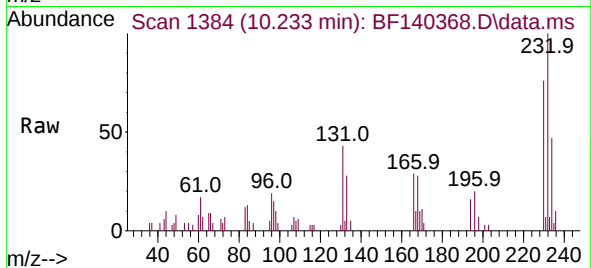
Ion Ratio Lower Upper

232 100

131 43.6 36.8 55.2

130 1.4 1.9 2.9#

166 29.0 24.2 36.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.392 min Scan# 1581

Delta R.T. -0.012 min

Lab File: BF140368.D

Acq: 14 Nov 2024 17:59

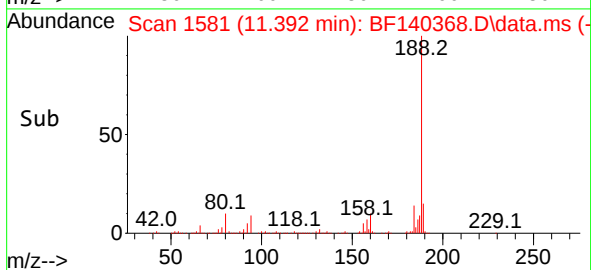
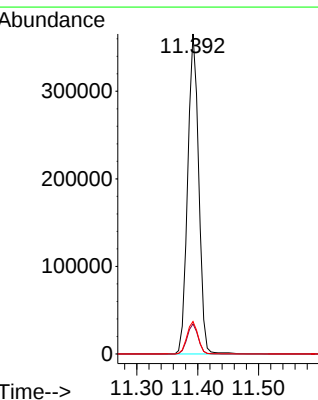
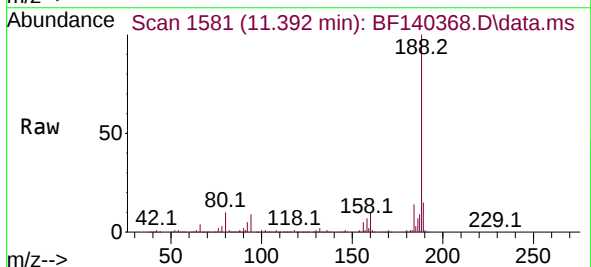
Tgt Ion:188 Resp: 459695

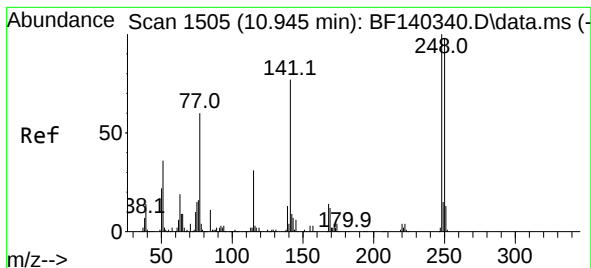
Ion Ratio Lower Upper

188 100

94 9.4 7.6 11.4

80 10.2 8.0 12.0

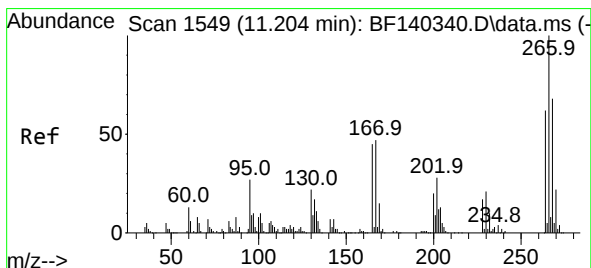
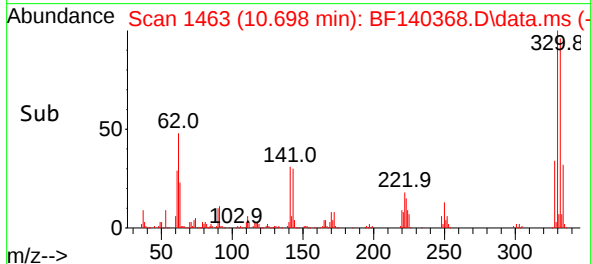
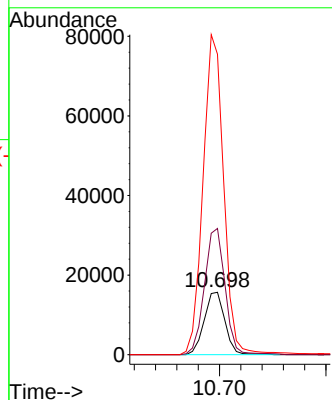
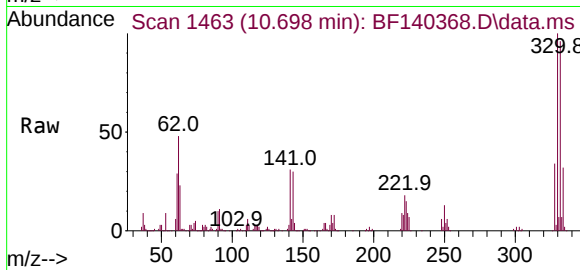




#67
4-Bromophenyl-phenylether
Concen: 4.620 ng
RT: 10.698 min Scan# 1463
Delta R.T. -0.247 min
Lab File: BF140368.D
Acq: 14 Nov 2024 17:59

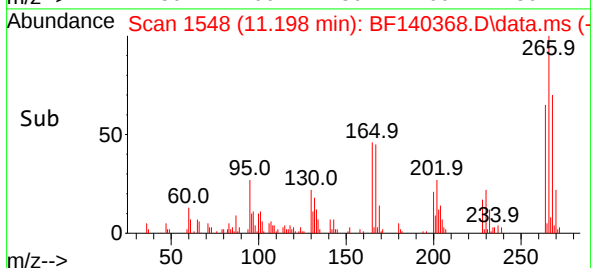
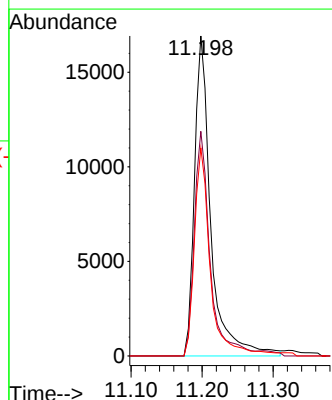
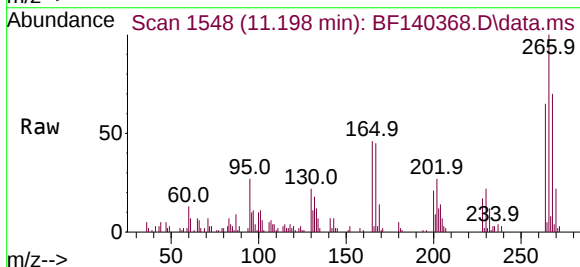
Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

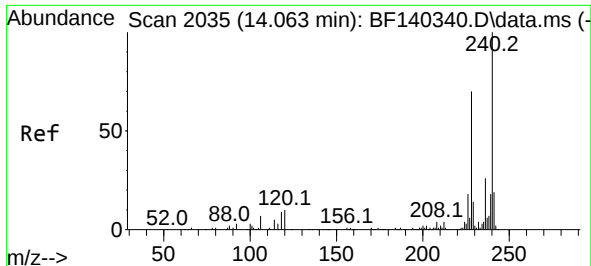
Tgt Ion:248 Resp: 21228
Ion Ratio Lower Upper
248 100
250 202.2 77.9 116.9#
141 481.1 61.8 92.6#



#70
Pentachlorophenol
Concen: 9.787 ng
RT: 11.198 min Scan# 1548
Delta R.T. -0.006 min
Lab File: BF140368.D
Acq: 14 Nov 2024 17:59

Tgt Ion:266 Resp: 27258
Ion Ratio Lower Upper
266 100
268 70.2 52.9 79.3
264 65.0 50.3 75.5

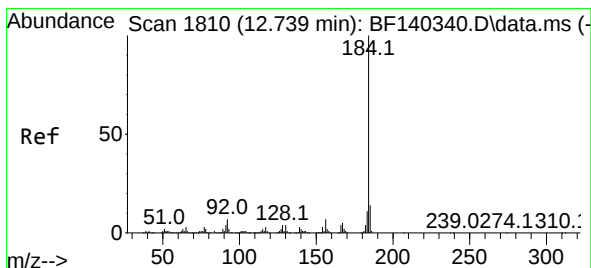
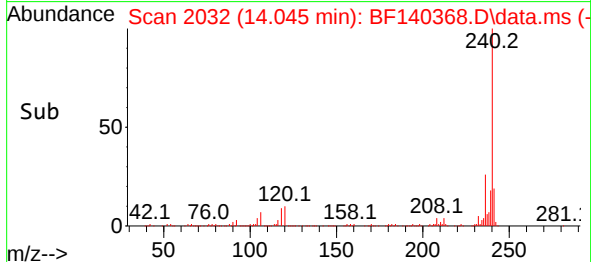
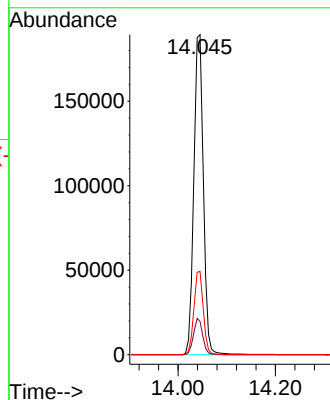
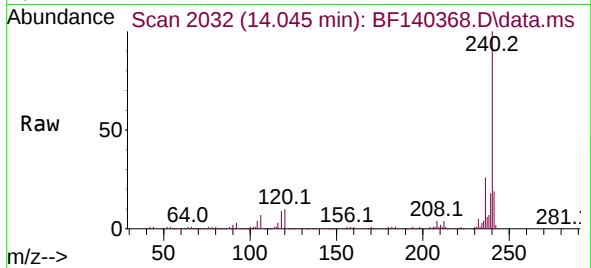




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2035
Delta R.T. -0.006 min
Lab File: BF140368.D
Acq: 14 Nov 2024 17:59

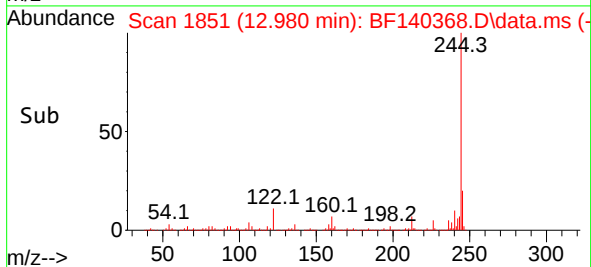
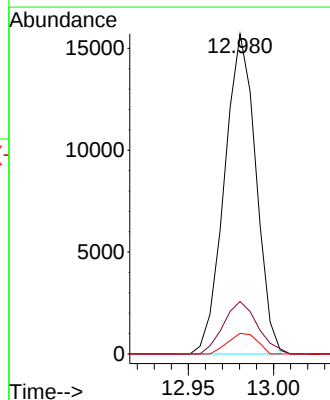
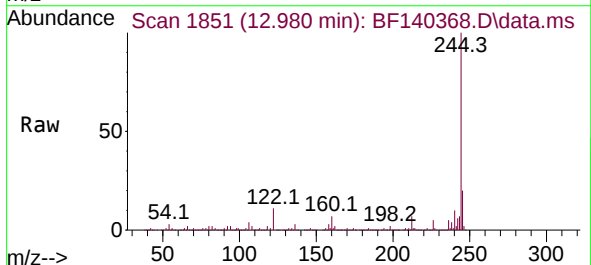
Instrument :
BNA_F
ClientSampleId :
WC-2(0-6)

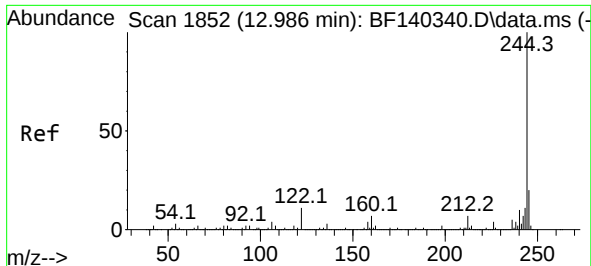
Tgt Ion:240 Resp: 260161
Ion Ratio Lower Upper
240 100
120 10.4 8.8 13.2
236 26.0 20.9 31.3



#77
Benzidine
Concen: 2.016 ng
RT: 12.980 min Scan# 1851
Delta R.T. 0.247 min
Lab File: BF140368.D
Acq: 14 Nov 2024 17:59

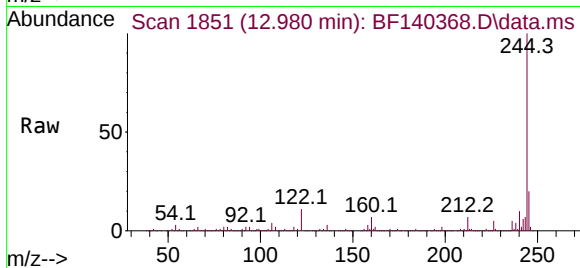
Tgt Ion:184 Resp: 20131
Ion Ratio Lower Upper
184 100
185 16.4 11.9 17.9
183 6.4 8.6 13.0#



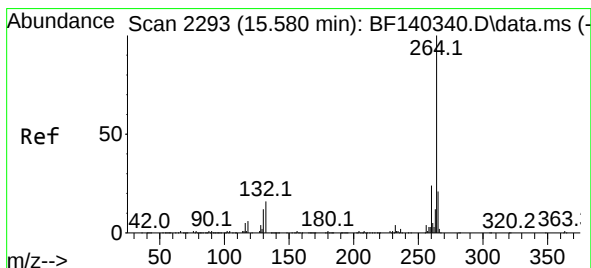
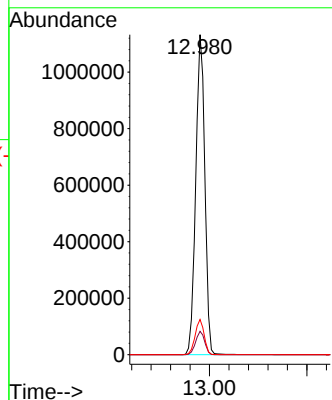
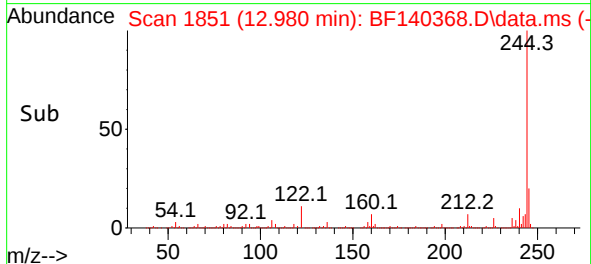


#79
 Terphenyl-d14
 Concen: 98.724 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.006 min
 Lab File: BF140368.D
 Acq: 14 Nov 2024 17:59

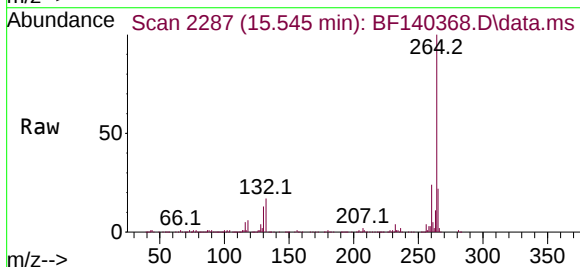
Instrument :
 BNA_F
 ClientSampleId :
 WC-2(0-6)



Tgt Ion:244 Resp: 1479681
 Ion Ratio Lower Upper
 244 100
 212 7.3 5.8 8.8
 122 11.0 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.545 min Scan# 2287
 Delta R.T. -0.012 min
 Lab File: BF140368.D
 Acq: 14 Nov 2024 17:59



Tgt Ion:264 Resp: 261026
 Ion Ratio Lower Upper
 264 100
 260 23.7 19.2 28.8
 265 21.9 17.1 25.7

