

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
 Data File : BF140265.D
 Acq On : 07 Nov 2024 10:55
 Operator : RC/JU
 Sample : P4693-05
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BP-G4-WC

Quant Time: Nov 07 11:35:25 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 05 16:47:56 2024
 Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

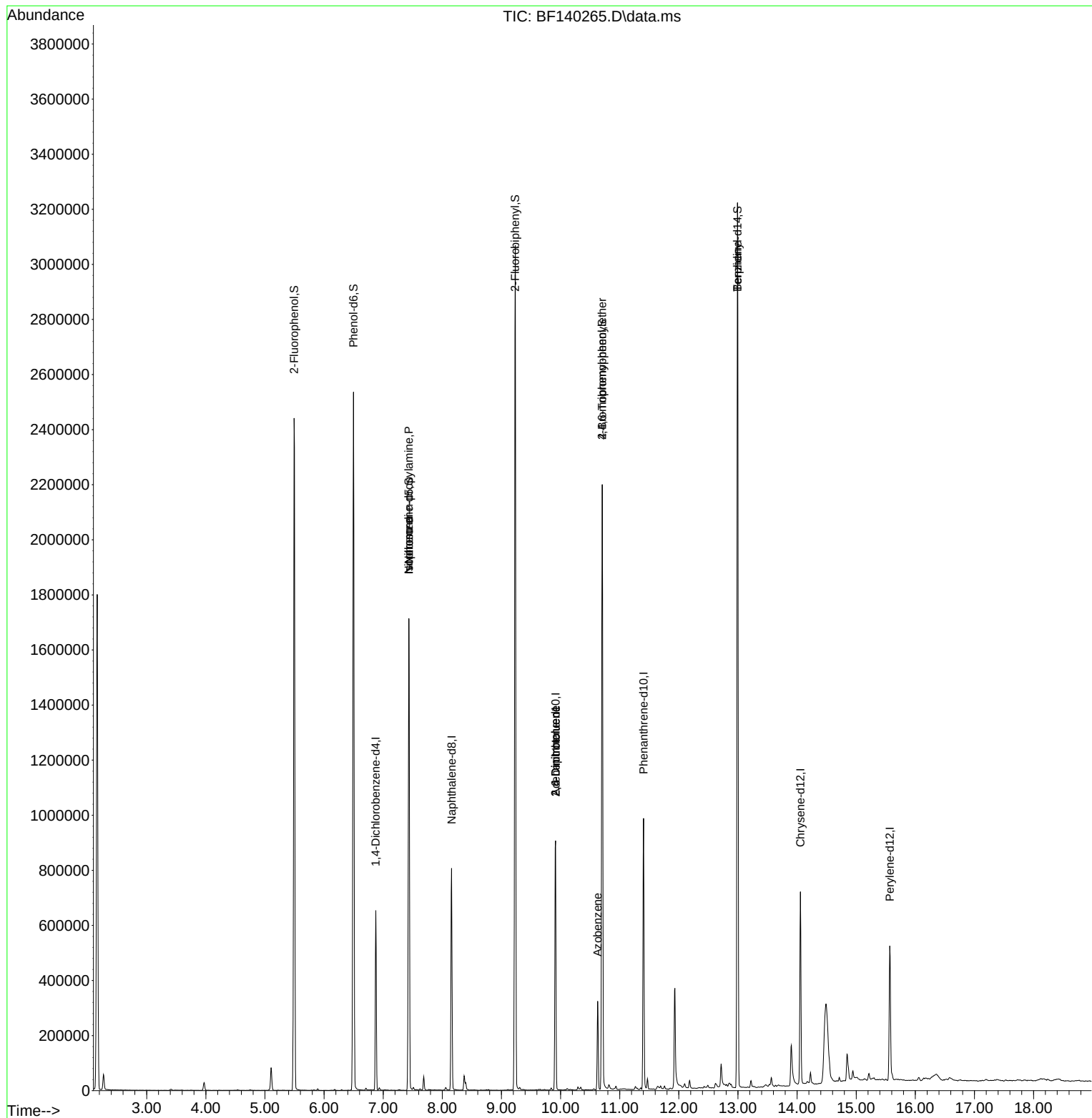
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	126233	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	489660	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	289443	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	519736	20.000	ng	0.00
76) Chrysene-d12	14.057	240	333774	20.000	ng	0.00
86) Perylene-d12	15.568	264	297539	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	911774	119.699	ng	0.00
7) Phenol-d6	6.498	99	1185729	121.022	ng	0.00
23) Nitrobenzene-d5	7.433	82	777370	78.931	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	383443	134.024	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	1372267	75.705	ng	0.00
79) Terphenyl-d14	12.992	244	1626893	79.846	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.433	70	107983	17.276	ng	# 75
25) Isophorone	7.433	82	767476	45.257	ng	# 67
51) 2,6-Dinitrotoluene	9.916	165	37166	8.870	ng	# 22
57) 2,4-Dinitrotoluene	9.916	165	37166	6.835	ng	# 20
63) Azobenzene	10.627	77	81120	4.418	ng	# 1
67) 4-Bromophenyl-phenylether	10.704	248	24416	4.363	ng	# 1
77) Benzidine	12.992	184	21479	3.291	ng	# 94

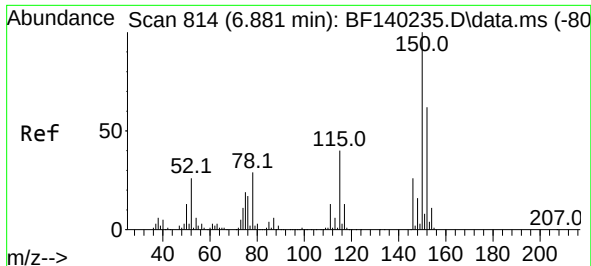
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140265.D
Acq On : 07 Nov 2024 10:55
Operator : RC/JU
Sample : P4693-05
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
BP-G4-WC

Quant Time: Nov 07 11:35:25 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF110524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 05 16:47:56 2024
Response via : Initial Calibration

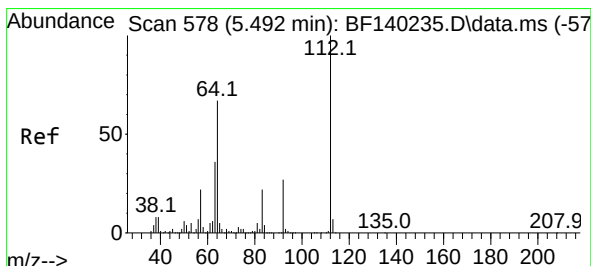
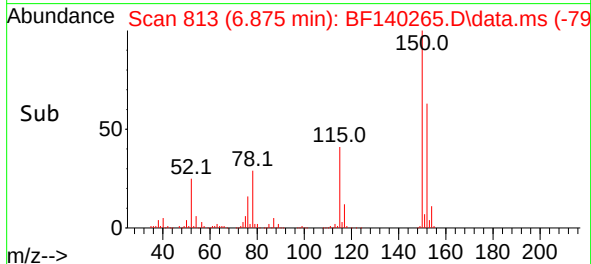
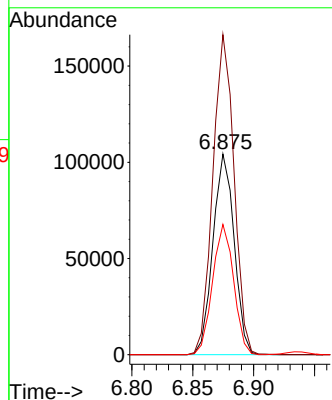
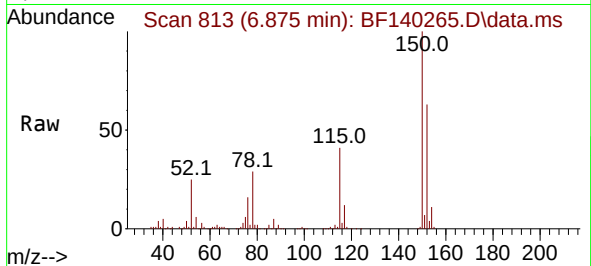




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140265.D
Acq: 07 Nov 2024 10:55

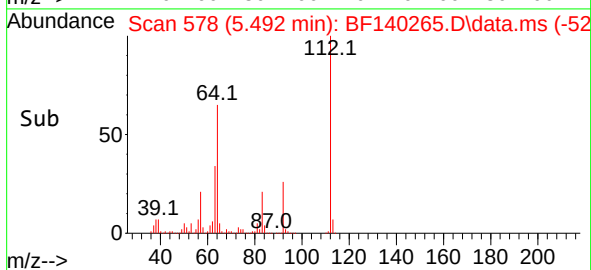
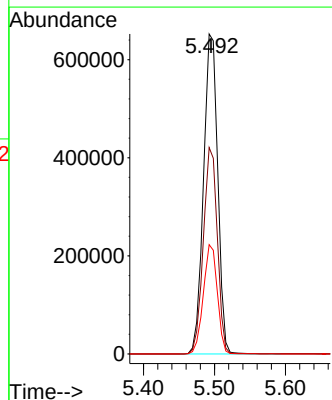
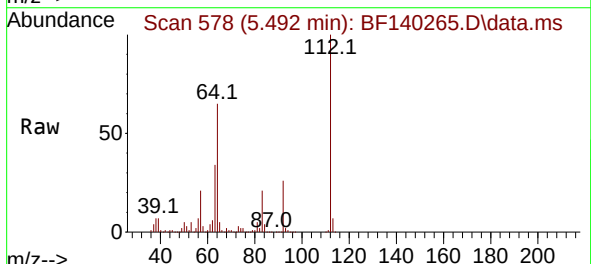
Instrument :
BNA_F
ClientSampleId :
BP-G4-WC

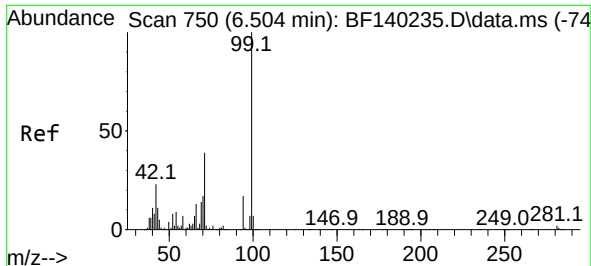
Tgt Ion:152 Resp: 126233
Ion Ratio Lower Upper
152 100
150 159.4 129.4 194.2
115 64.9 51.5 77.3



#5
2-Fluorophenol
Concen: 119.699 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.000 min
Lab File: BF140265.D
Acq: 07 Nov 2024 10:55

Tgt Ion:112 Resp: 911774
Ion Ratio Lower Upper
112 100
64 64.5 53.4 80.2
63 34.2 28.9 43.3

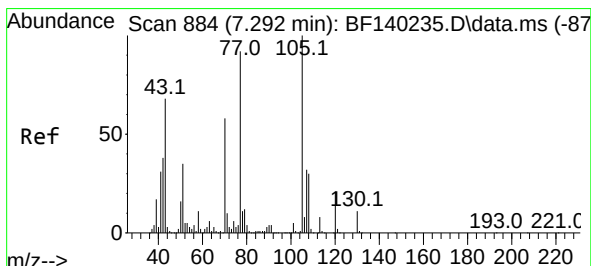
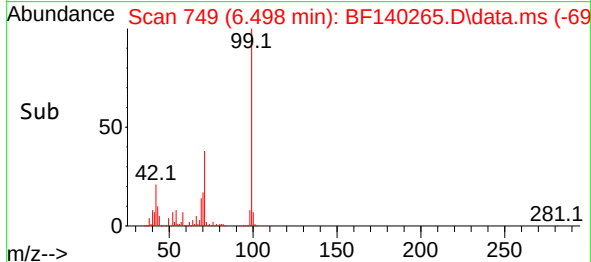
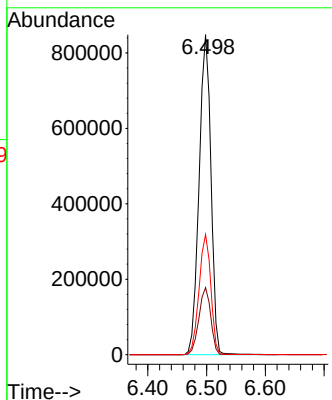
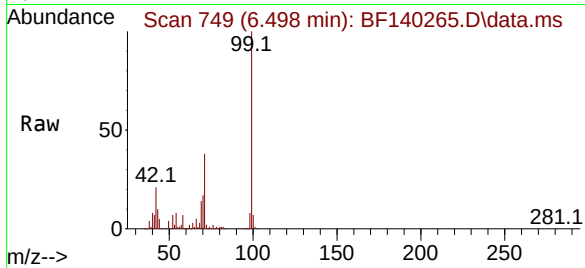




#7
Phenol-d6
Concen: 121.022 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF140265.D
Acq: 07 Nov 2024 10:55

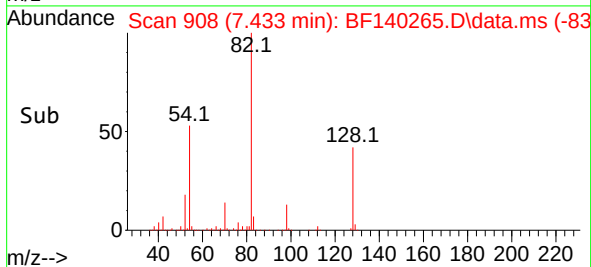
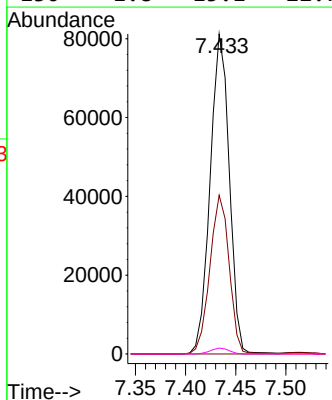
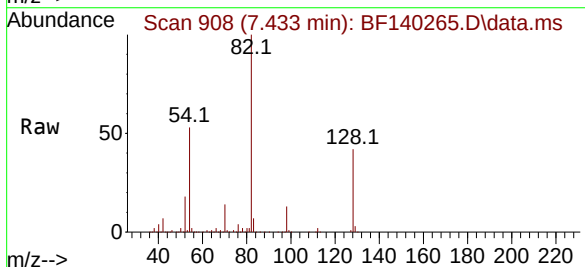
Instrument :
BNA_F
ClientSampleId :
BP-G4-WC

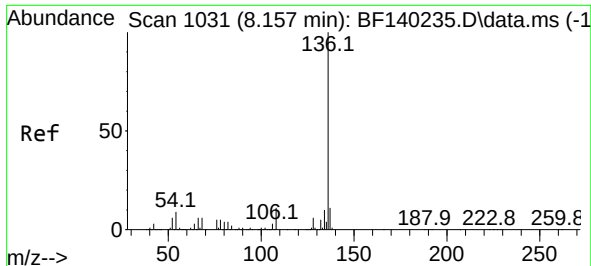
Tgt Ion: 99 Resp: 1185729
Ion Ratio Lower Upper
99 100
42 21.0 18.2 27.2
71 37.5 30.9 46.3



#19
n-Nitroso-di-n-propylamine
Concen: 17.276 ng
RT: 7.433 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140265.D
Acq: 07 Nov 2024 10:55

Tgt Ion: 70 Resp: 107983
Ion Ratio Lower Upper
70 100
42 49.6 52.8 79.2#
101 0.0 7.4 11.2#
130 1.8 15.1 22.7#



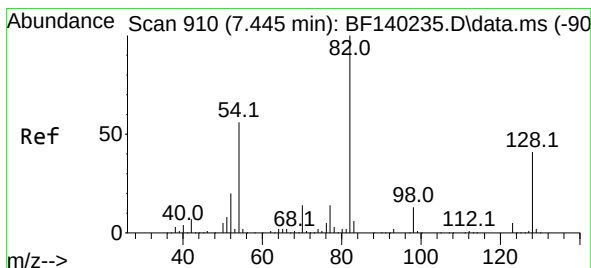
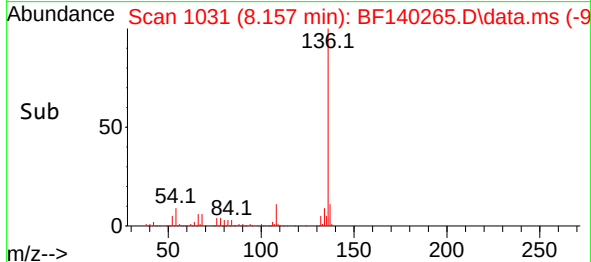
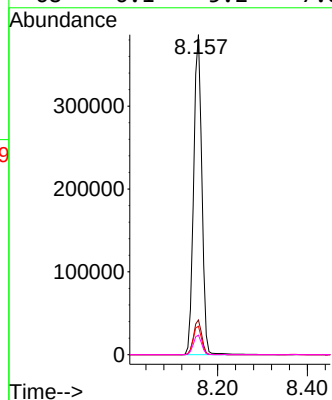
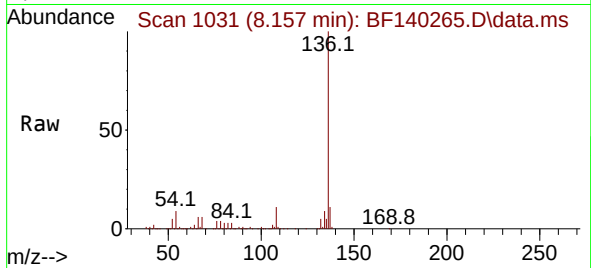


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. -0.000 min
Lab File: BF140265.D
Acq: 07 Nov 2024 10:55

Instrument :
BNA_F
ClientSampleId :
BP-G4-WC

Tgt Ion:136 Resp: 489660

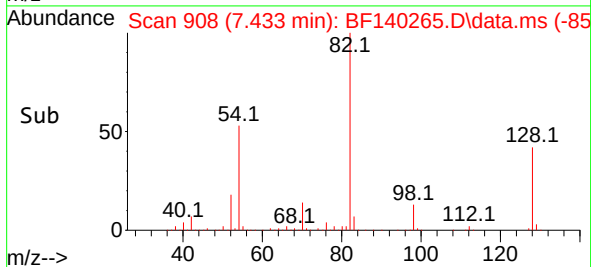
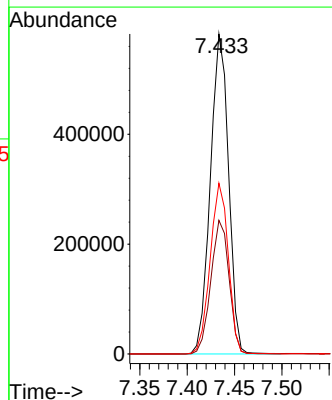
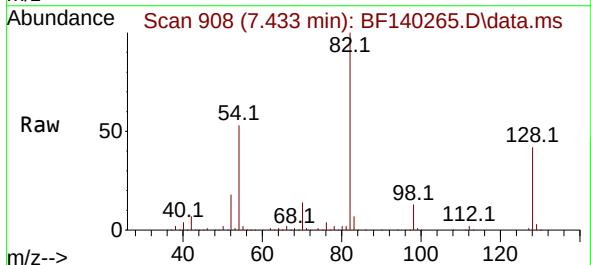
Ion	Ratio	Lower	Upper
136	100		
137	10.9	9.0	13.6
54	8.9	7.7	11.5
68	6.1	5.2	7.8

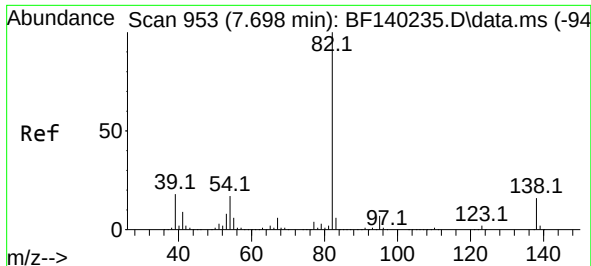


#23
Nitrobenzene-d5
Concen: 78.931 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF140265.D
Acq: 07 Nov 2024 10:55

Tgt Ion: 82 Resp: 777370

Ion	Ratio	Lower	Upper
82	100		
128	41.8	32.8	49.2
54	53.3	44.3	66.5

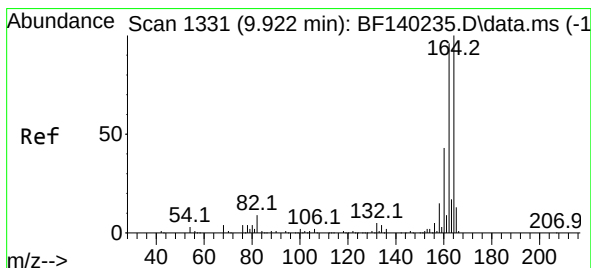
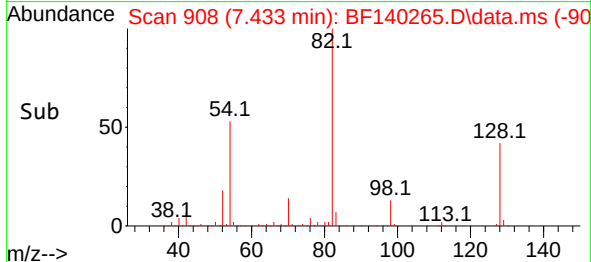
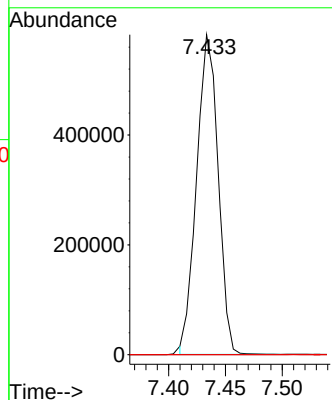
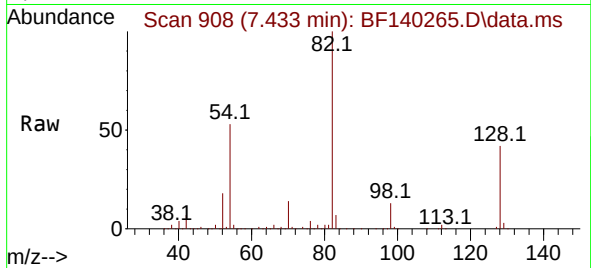




#25
Isophorone
Concen: 45.257 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140265.D
Acq: 07 Nov 2024 10:55

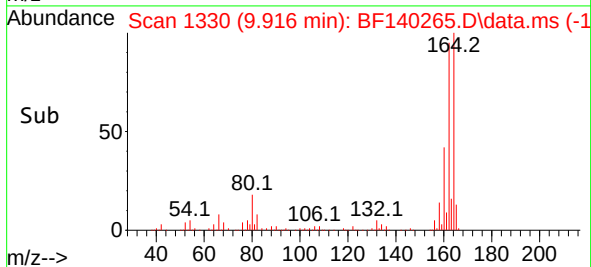
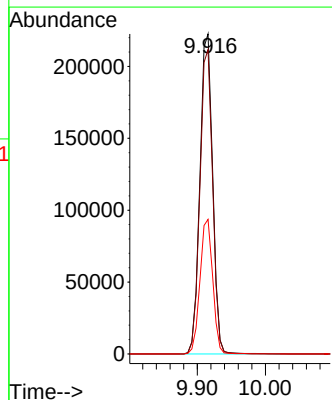
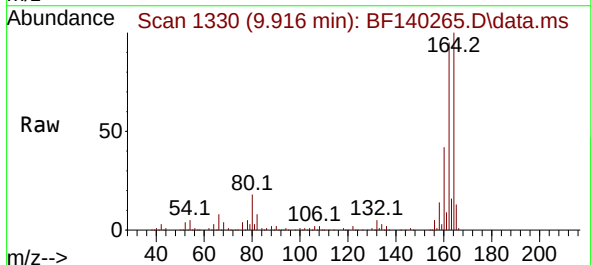
Instrument :
BNA_F
ClientSampleId :
BP-G4-WC

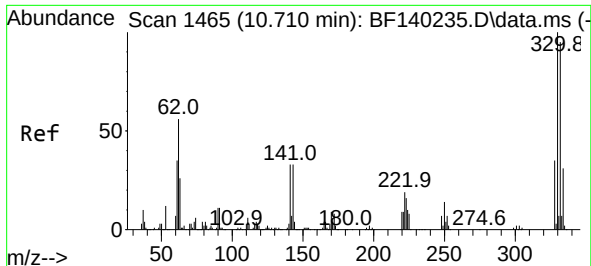
Tgt Ion: 82 Resp: 767476
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF140265.D
Acq: 07 Nov 2024 10:55

Tgt Ion:164 Resp: 289443
Ion Ratio Lower Upper
164 100
162 95.1 77.0 115.4
160 42.1 34.1 51.1

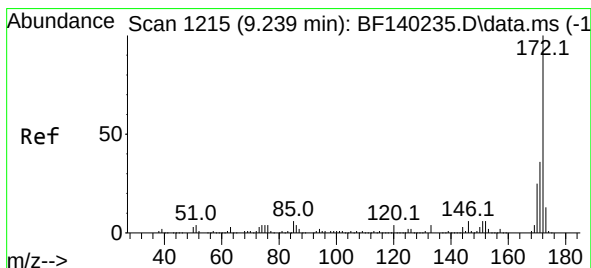
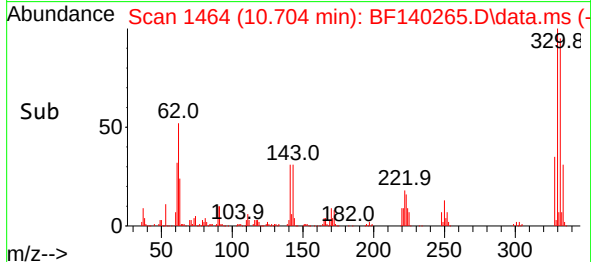
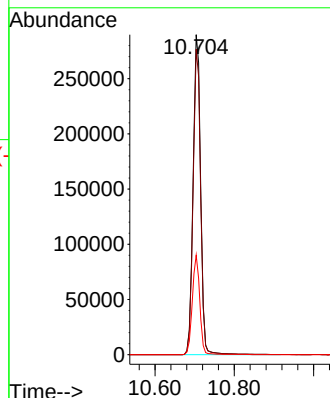
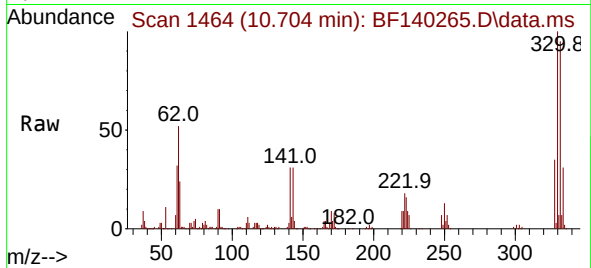




#42
2,4,6-Tribromophenol
Concen: 134.024 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.006 min
Lab File: BF140265.D
Acq: 07 Nov 2024 10:55

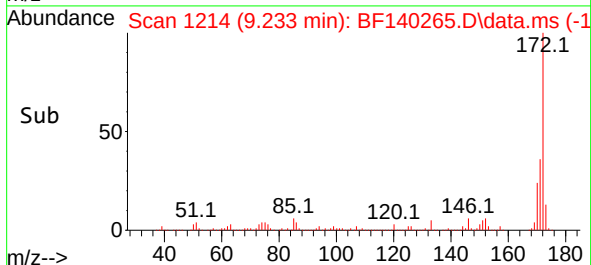
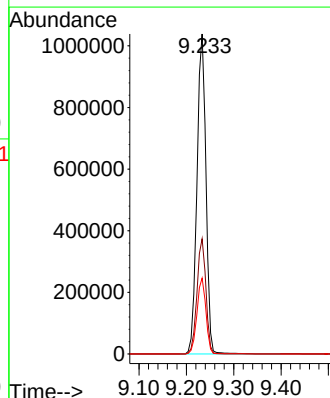
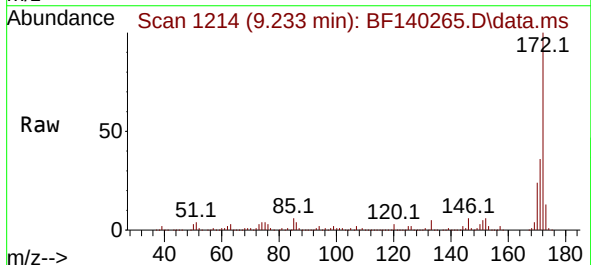
Instrument :
BNA_F
ClientSampleId :
BP-G4-WC

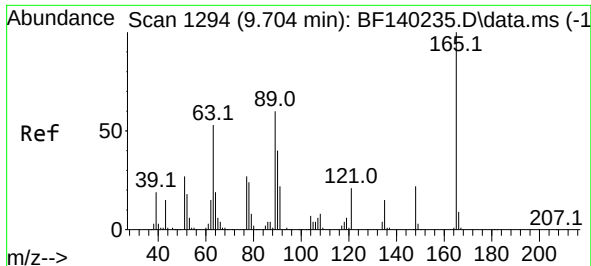
Tgt Ion:330 Resp: 383443
Ion Ratio Lower Upper
330 100
332 94.9 76.4 114.6
141 30.7 27.0 40.4



#45
2-Fluorobiphenyl
Concen: 75.705 ng
RT: 9.233 min Scan# 1214
Delta R.T. -0.006 min
Lab File: BF140265.D
Acq: 07 Nov 2024 10:55

Tgt Ion:172 Resp: 1372267
Ion Ratio Lower Upper
172 100
171 36.0 28.8 43.2
170 23.7 19.6 29.4





#51

2,6-Dinitrotoluene

Concen: 8.870 ng

RT: 9.916 min Scan# 1330

Delta R.T. 0.212 min

Lab File: BF140265.D

Acq: 07 Nov 2024 10:55

Instrument :

BNA_F

ClientSampleId :

BP-G4-WC

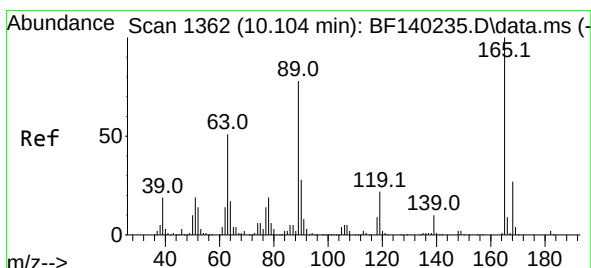
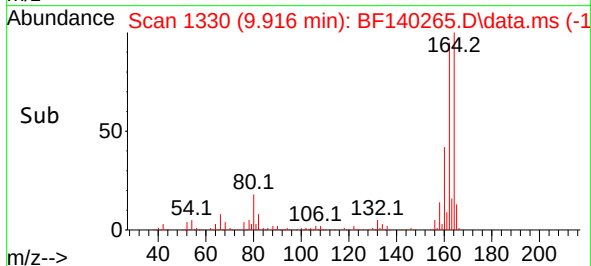
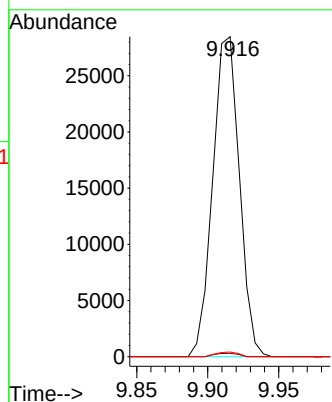
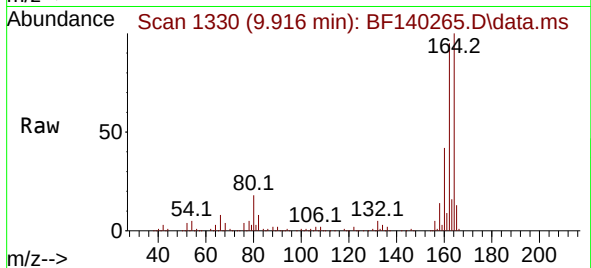
Tgt Ion:165 Resp: 37166

Ion Ratio Lower Upper

165 100

63 1.0 48.8 73.2#

89 1.5 48.1 72.1#



#57

2,4-Dinitrotoluene

Concen: 6.835 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.188 min

Lab File: BF140265.D

Acq: 07 Nov 2024 10:55

Tgt Ion:165 Resp: 37166

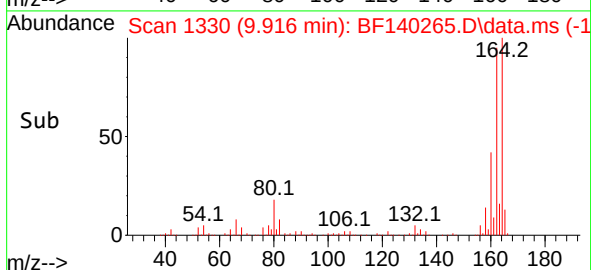
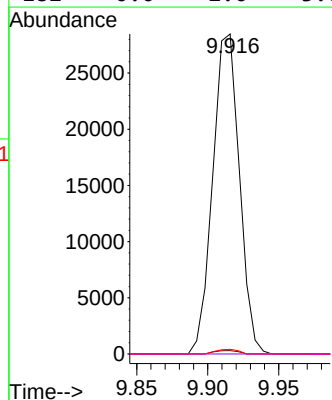
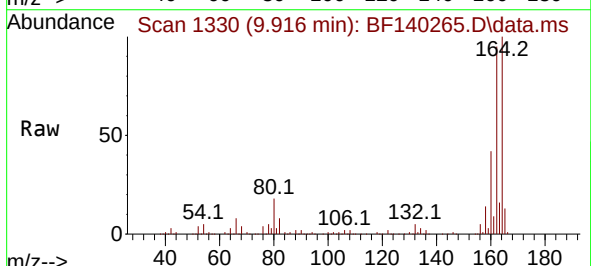
Ion Ratio Lower Upper

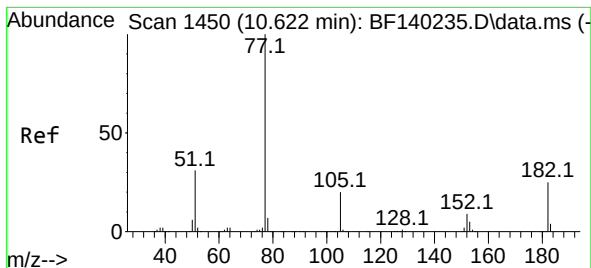
165 100

63 1.0 41.3 61.9#

89 1.5 62.6 94.0#

182 0.0 2.0 3.0#





#63

Azobenzene

Concen: 4.418 ng

RT: 10.627 min Scan# 1450

Delta R.T. 0.006 min

Lab File: BF140265.D

Acq: 07 Nov 2024 10:55

Instrument :

BNA_F

ClientSampleId :

BP-G4-WC

Tgt Ion: 77 Resp: 81120

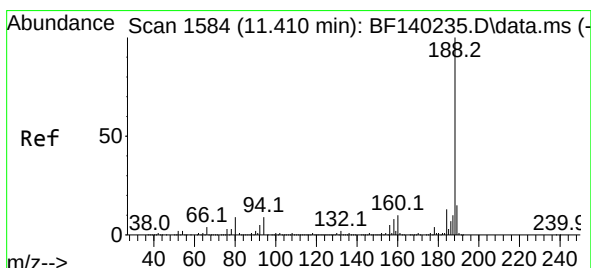
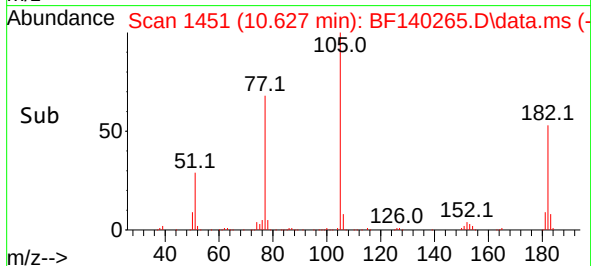
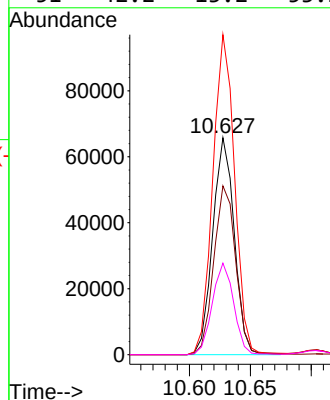
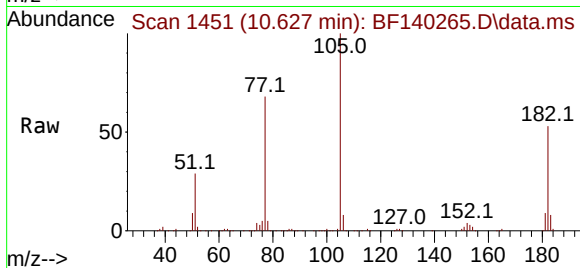
Ion Ratio Lower Upper

77 100

182 77.8 4.7 44.7#

105 147.5 0.0 40.0#

51 42.2 13.2 53.2



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 1583

Delta R.T. -0.006 min

Lab File: BF140265.D

Acq: 07 Nov 2024 10:55

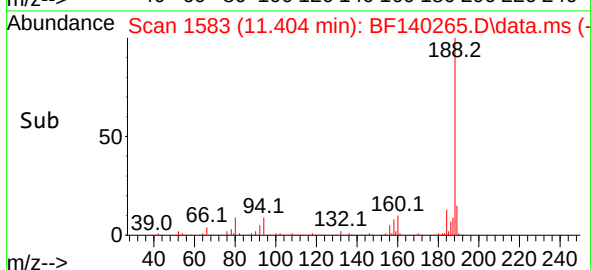
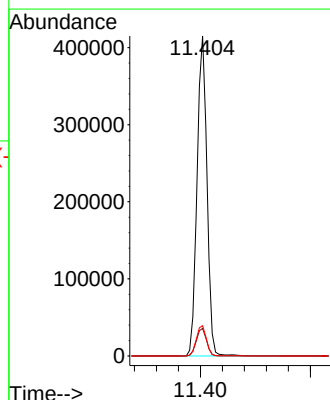
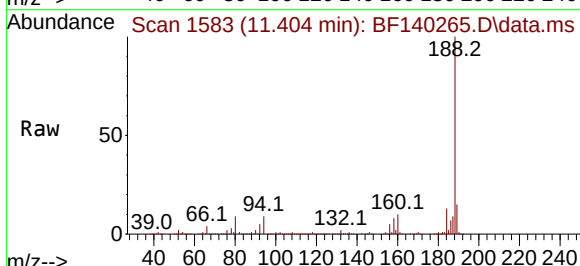
Tgt Ion: 188 Resp: 519736

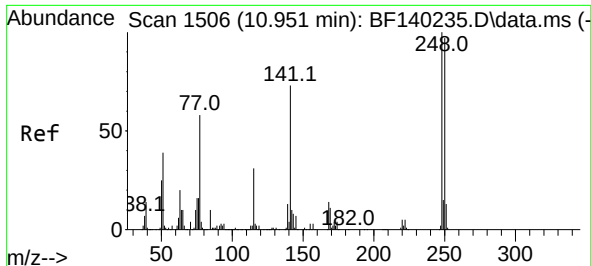
Ion Ratio Lower Upper

188 100

94 8.6 6.9 10.3

80 9.4 7.5 11.3

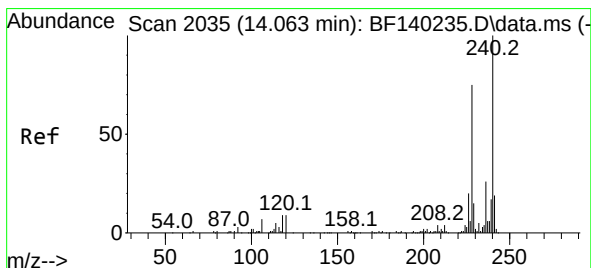
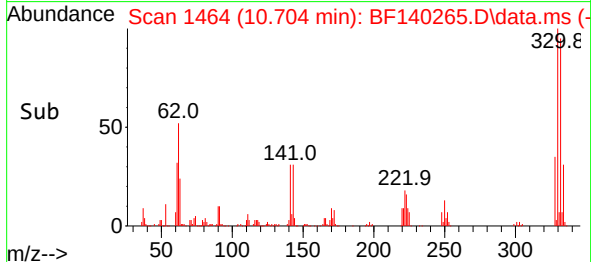
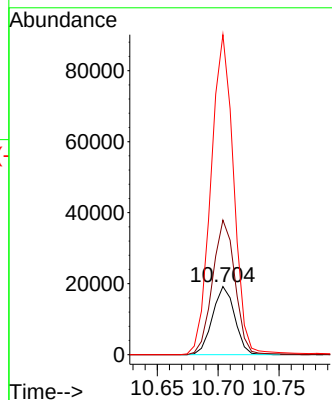
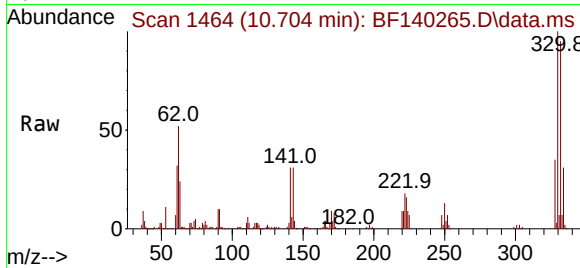




#67
4-Bromophenyl-phenylether
Concen: 4.363 ng
RT: 10.704 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF140265.D
Acq: 07 Nov 2024 10:55

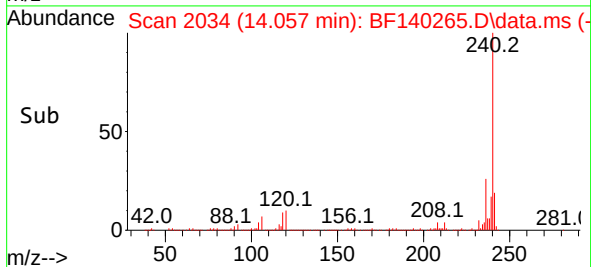
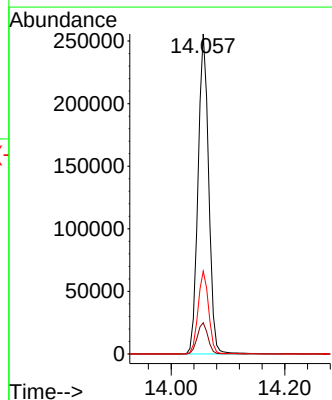
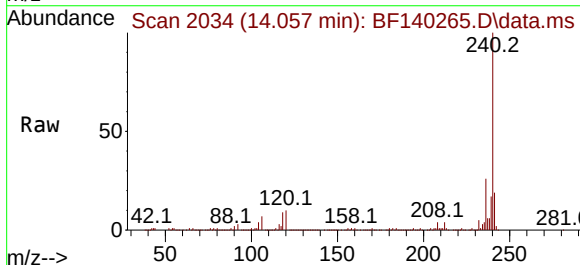
Instrument :
BNA_F
ClientSampleId :
BP-G4-WC

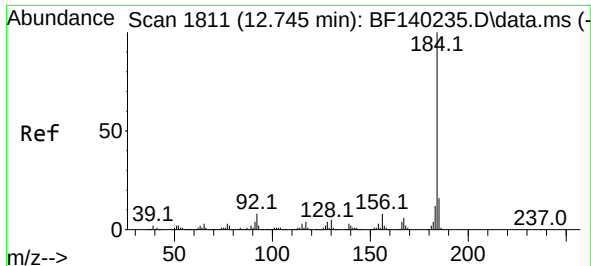
Tgt Ion:248 Resp: 24416
Ion Ratio Lower Upper
248 100
250 197.4 77.9 116.9#
141 469.6 58.6 88.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF140265.D
Acq: 07 Nov 2024 10:55

Tgt Ion:240 Resp: 333774
Ion Ratio Lower Upper
240 100
120 9.8 7.5 11.3
236 25.9 20.9 31.3

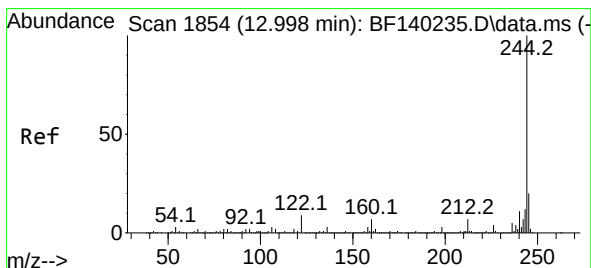
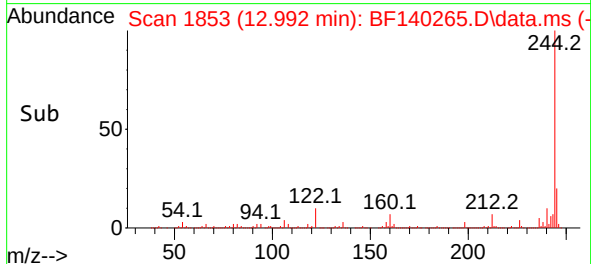
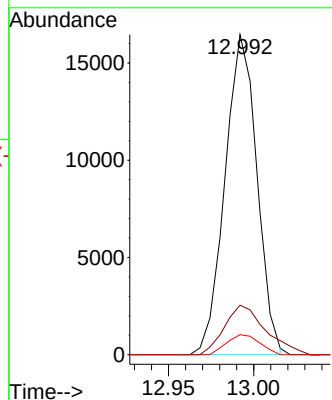
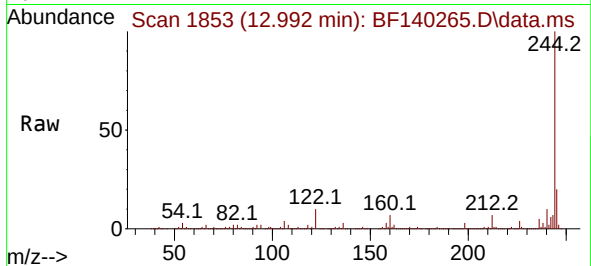




#77
Benzidine
Concen: 3.291 ng
RT: 12.992 min Scan# 1853
Delta R.T. 0.247 min
Lab File: BF140265.D
Acq: 07 Nov 2024 10:55

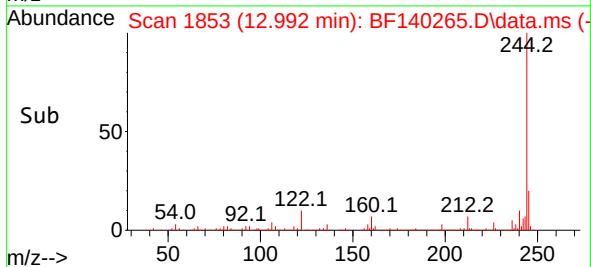
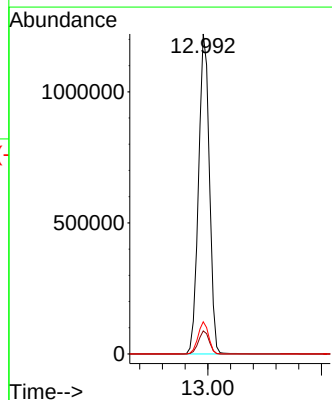
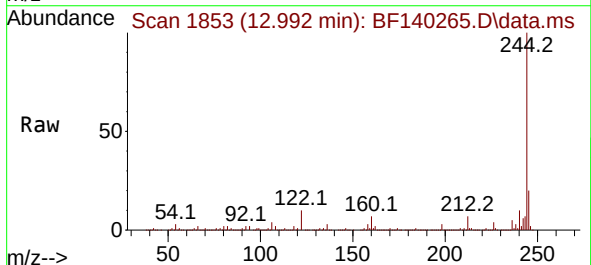
Instrument :
BNA_F
ClientSampleId :
BP-G4-WC

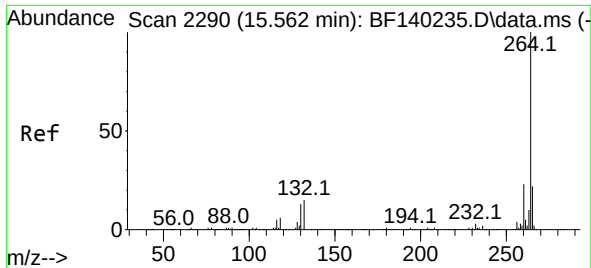
Tgt Ion:184 Resp: 21479
Ion Ratio Lower Upper
184 100
185 15.4 12.5 18.7
183 6.2 9.3 13.9#



#79
Terphenyl-d14
Concen: 79.846 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF140265.D
Acq: 07 Nov 2024 10:55

Tgt Ion:244 Resp: 1626893
Ion Ratio Lower Upper
244 100
212 7.2 6.0 9.0
122 10.0 7.6 11.4





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.568 min Scan# 21
 Delta R.T. 0.006 min
 Lab File: BF140265.D
 Acq: 07 Nov 2024 10:55

Instrument :
 BNA_F
 ClientSampleId :
 BP-G4-WC

Tgt Ion:264	Resp:	297539
Ion	Ratio	Lower Upper
264	100	
260	23.3	18.8 28.2
265	22.0	17.3 25.9

