

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
 Data File : BF140262.D
 Acq On : 07 Nov 2024 09:28
 Operator : RC/JU
 Sample : PB164702BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164702BL

Quant Time: Nov 07 10:52:16 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)

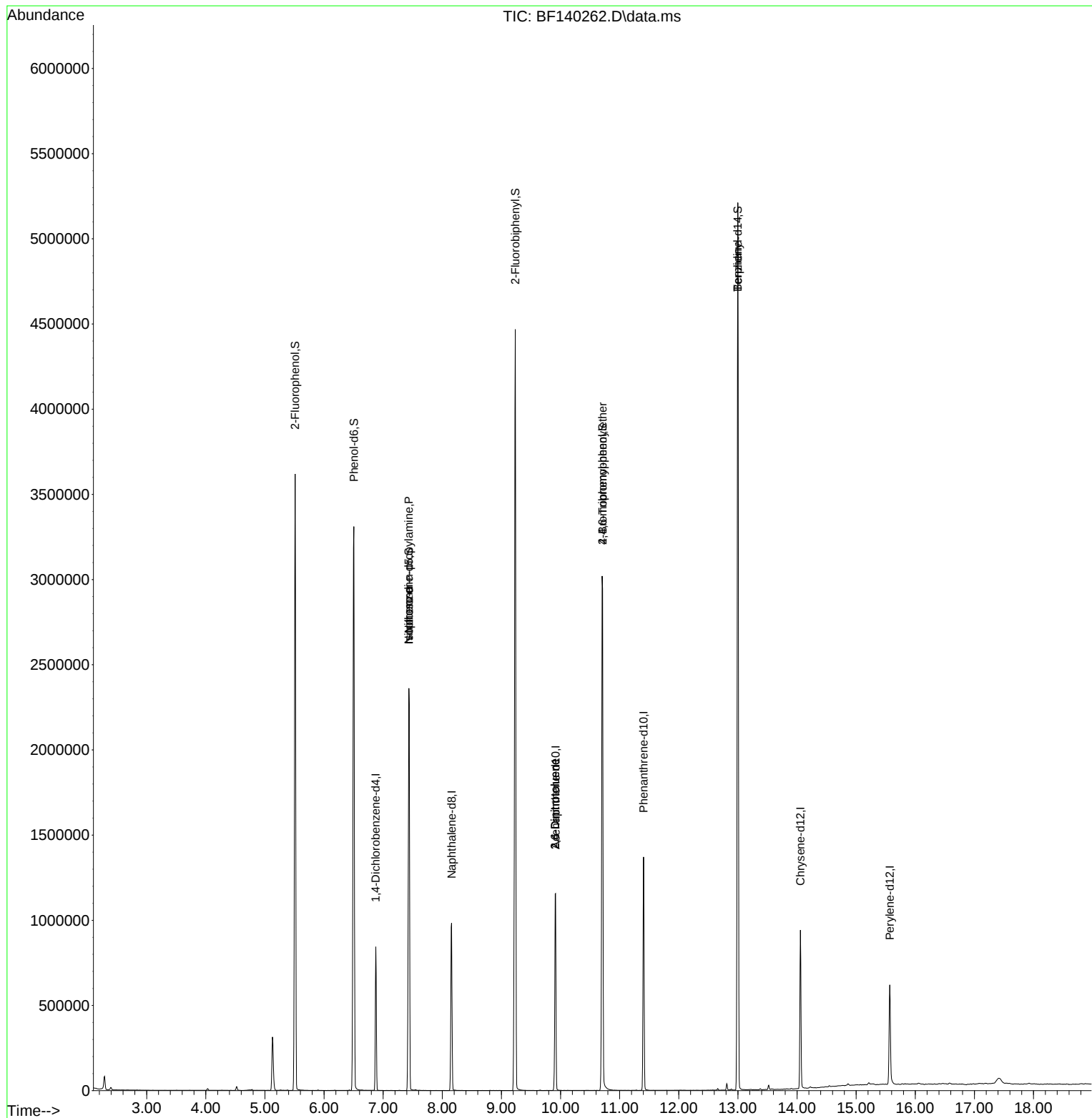
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	166392	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	650819	20.000	ng	0.00
39) Acenaphthene-d10	9.916	164	391148	20.000	ng	0.00
64) Phenanthrene-d10	11.404	188	728833	20.000	ng	0.00
76) Chrysene-d12	14.057	240	449594	20.000	ng	0.00
86) Perylene-d12	15.568	264	367483	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	1371725	136.619	ng	0.02
7) Phenol-d6	6.504	99	1727752	133.783	ng	0.00
23) Nitrobenzene-d5	7.434	82	1191580	91.029	ng	-0.01
42) 2,4,6-Tribromophenol	10.710	330	586979	151.820	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	2232636	91.144	ng	0.00
79) Terphenyl-d14	12.998	244	2762575	100.656	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	165253	20.058	ng	# 76
25) Isophorone	7.434	82	1169232	51.875	ng	# 67
51) 2,6-Dinitrotoluene	9.910	165	51490	9.093	ng	# 22
57) 2,4-Dinitrotoluene	9.910	165	51490	7.007	ng	# 19
67) 4-Bromophenyl-phenylether	10.710	248	38981	4.967	ng	# 1
77) Benzydine	12.998	184	35150	3.999	ng	# 95

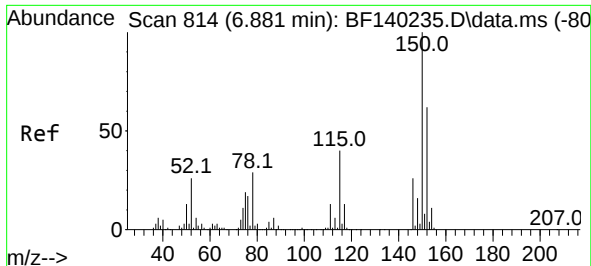
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF110724\
Data File : BF140262.D
Acq On : 07 Nov 2024 09:28
Operator : RC/JU
Sample : PB164702BL
Misc :
ALS Vial : 3 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164702BL

Quant Time: Nov 07 10:52:16 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

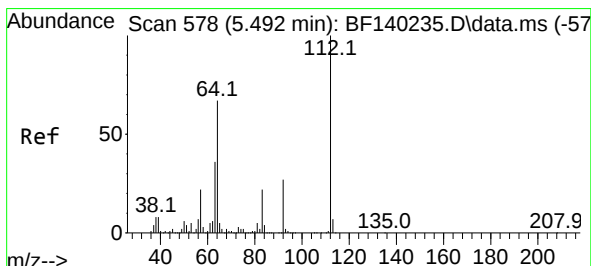
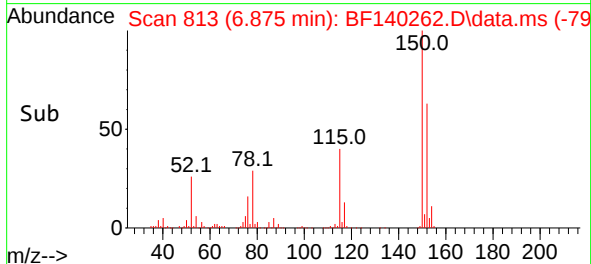
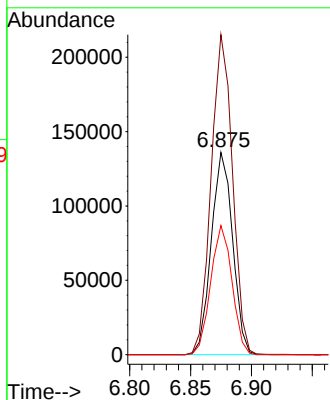
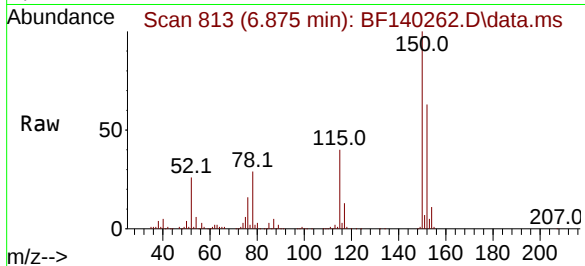




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF140262.D
Acq: 07 Nov 2024 09:28

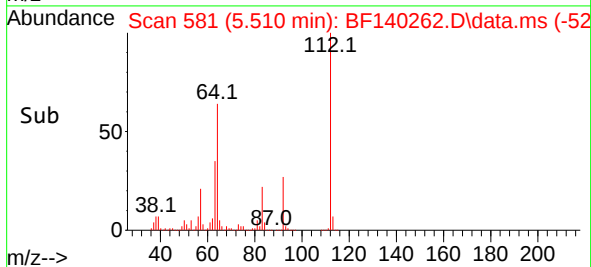
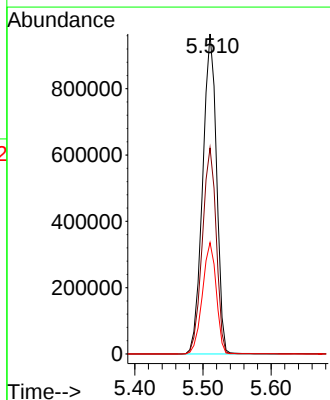
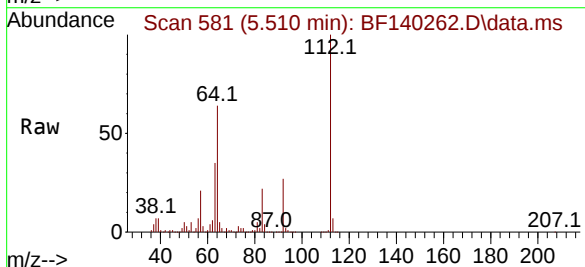
Instrument :
BNA_F
ClientSampleId :
PB164702BL

Tgt Ion:152 Resp: 166392
Ion Ratio Lower Upper
152 100
150 158.2 129.4 194.2
115 63.8 51.5 77.3



#5
2-Fluorophenol
Concen: 136.619 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.018 min
Lab File: BF140262.D
Acq: 07 Nov 2024 09:28

Tgt Ion:112 Resp: 1371725
Ion Ratio Lower Upper
112 100
64 64.4 53.4 80.2
63 34.8 28.9 43.3

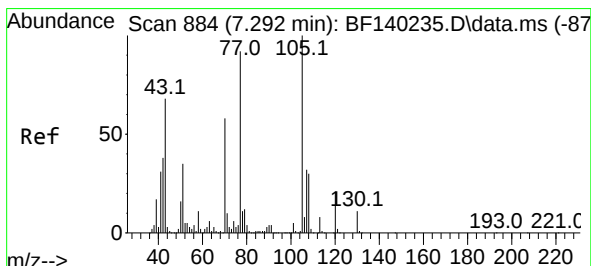
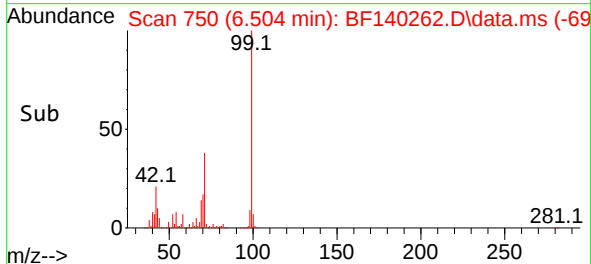
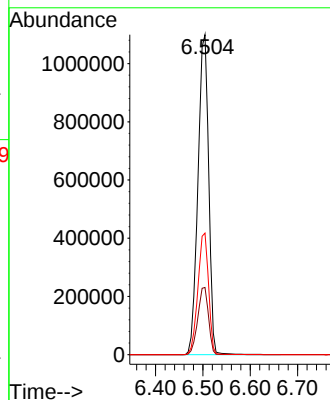
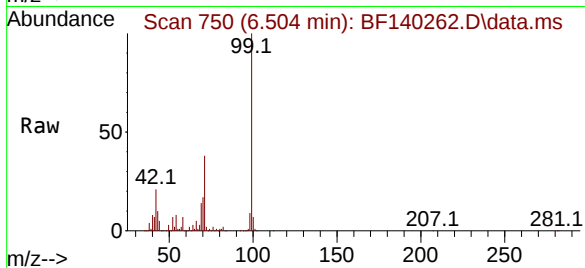




#7
Phenol-d6
Concen: 133.783 ng
RT: 6.504 min Scan# 71
Delta R.T. 0.000 min
Lab File: BF140262.D
Acq: 07 Nov 2024 09:28

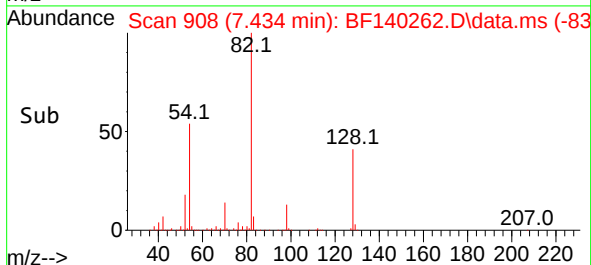
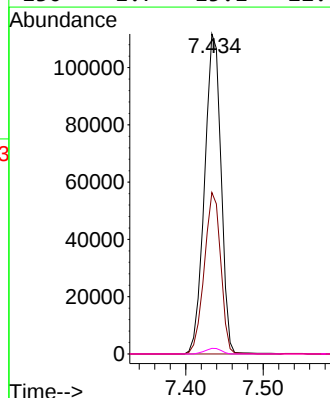
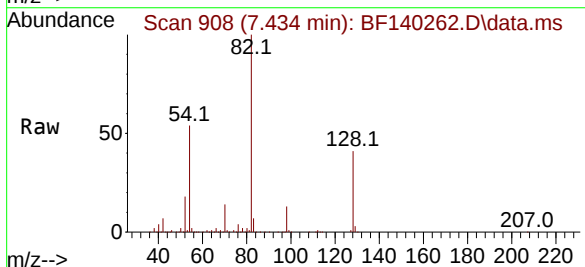
Instrument :
BNA_F
ClientSampleId :
PB164702BL

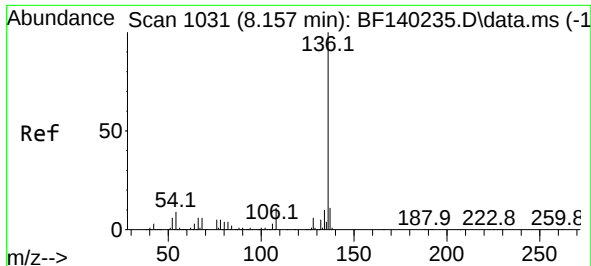
Tgt Ion: 99 Resp: 1727752
Ion Ratio Lower Upper
99 100
42 21.0 18.2 27.2
71 38.0 30.9 46.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.058 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF140262.D
Acq: 07 Nov 2024 09:28

Tgt Ion: 70 Resp: 165253
Ion Ratio Lower Upper
70 100
42 50.4 52.8 79.2#
101 0.0 7.4 11.2#
130 1.7 15.1 22.7#



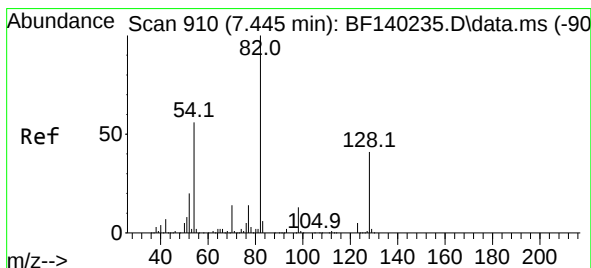
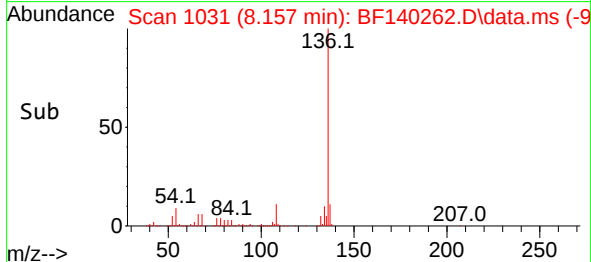
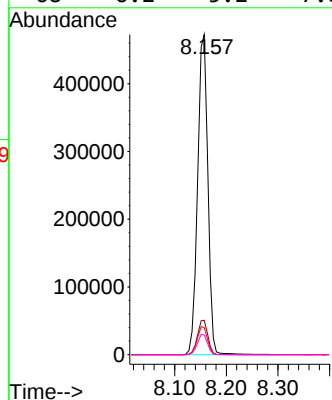
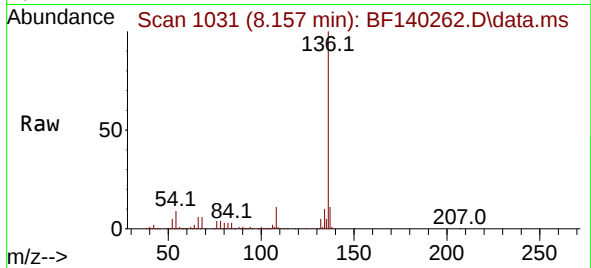


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 1031
Delta R.T. 0.000 min
Lab File: BF140262.D
Acq: 07 Nov 2024 09:28

Instrument :
BNA_F
ClientSampleId :
PB164702BL

Tgt Ion:136 Resp: 650819

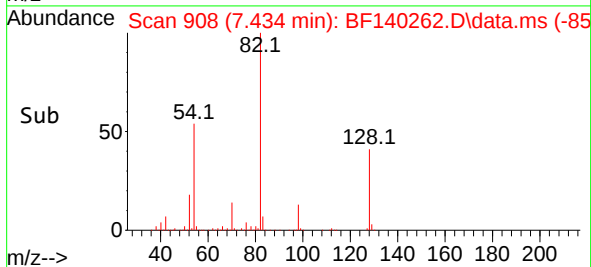
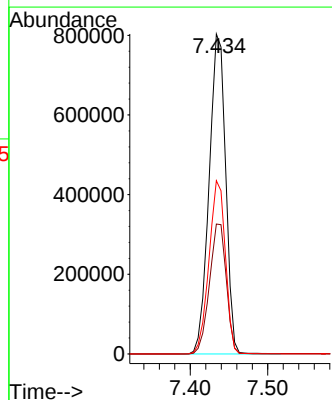
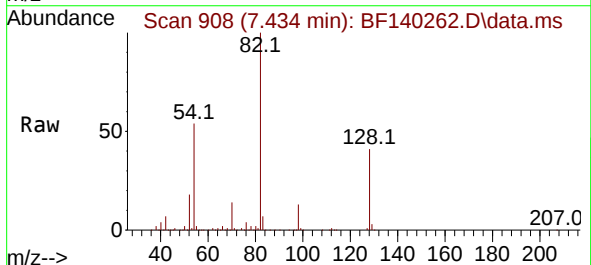
Ion	Ratio	Lower	Upper
136	100		
137	10.8	9.0	13.6
54	8.5	7.7	11.5
68	6.2	5.2	7.8

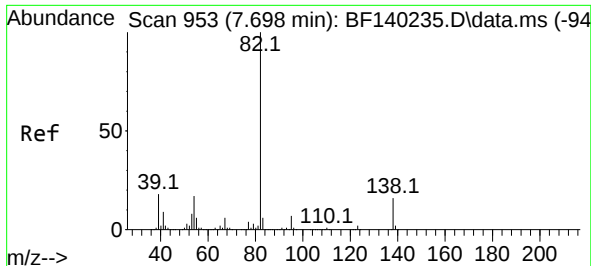


#23
Nitrobenzene-d5
Concen: 91.029 ng
RT: 7.434 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF140262.D
Acq: 07 Nov 2024 09:28

Tgt Ion: 82 Resp: 1191580

Ion	Ratio	Lower	Upper
82	100		
128	40.6	32.8	49.2
54	54.2	44.3	66.5

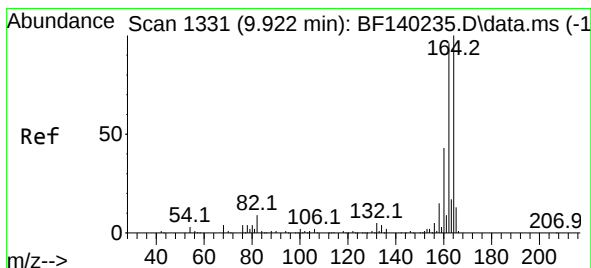
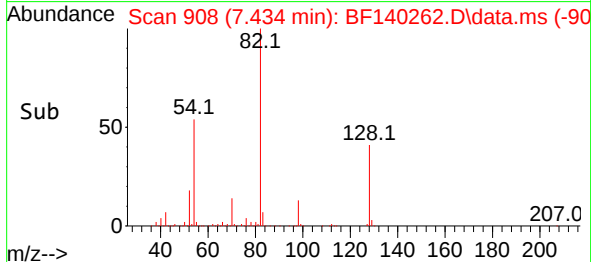
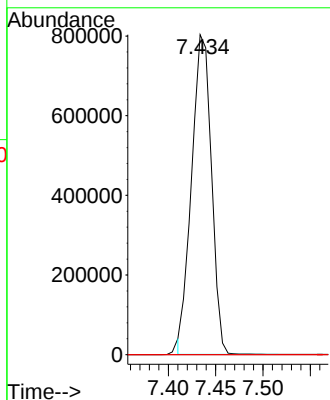
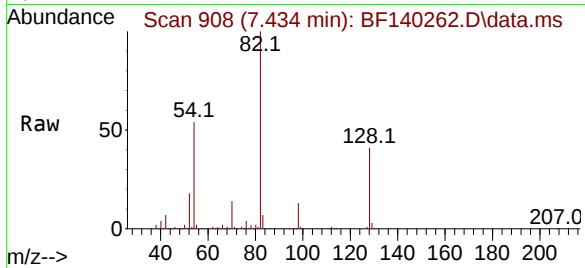




#25
Isophorone
Concen: 51.875 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF140262.D
Acq: 07 Nov 2024 09:28

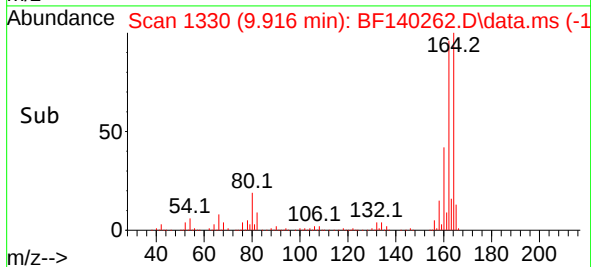
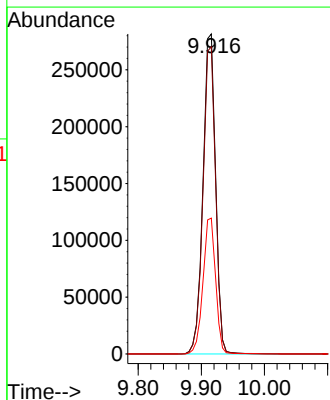
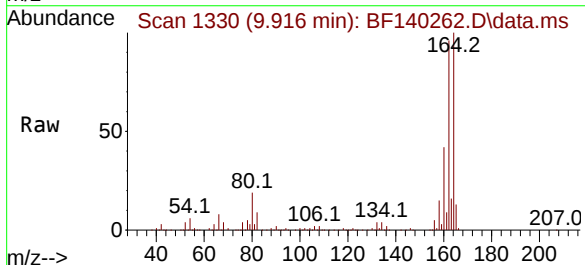
Instrument :
BNA_F
ClientSampleId :
PB164702BL

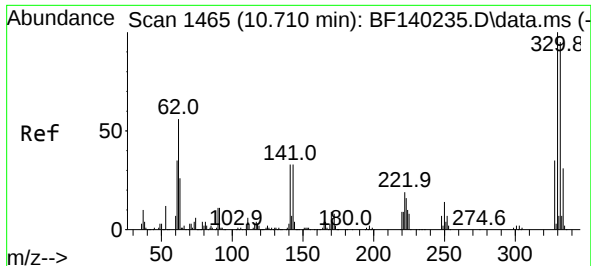
Tgt Ion: 82 Resp: 1169232
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 12.9 19.3#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.006 min
Lab File: BF140262.D
Acq: 07 Nov 2024 09:28

Tgt Ion: 164 Resp: 391148
Ion Ratio Lower Upper
164 100
162 96.0 77.0 115.4
160 42.4 34.1 51.1





#42

2,4,6-Tribromophenol

Concen: 151.820 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.000 min

Lab File: BF140262.D

Acq: 07 Nov 2024 09:28

Instrument :

BNA_F

ClientSampleId :

PB164702BL

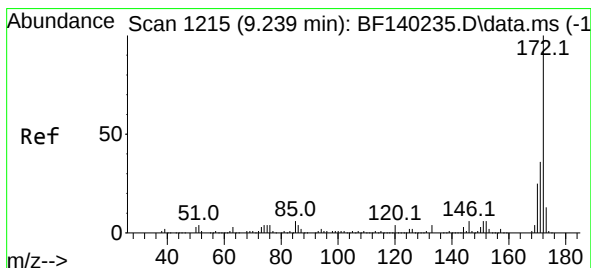
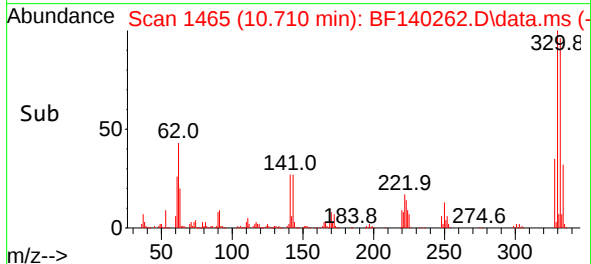
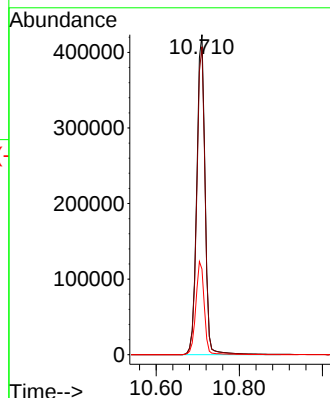
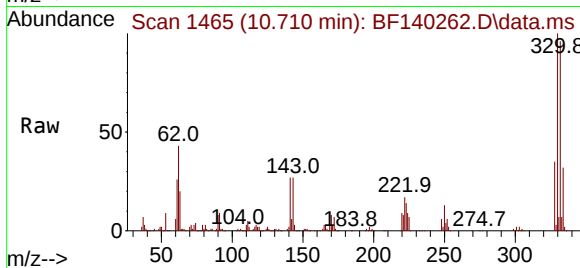
Tgt Ion:330 Resp: 586979

Ion Ratio Lower Upper

330 100

332 96.0 76.4 114.6

141 29.7 27.0 40.4



#45

2-Fluorobiphenyl

Concen: 91.144 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.006 min

Lab File: BF140262.D

Acq: 07 Nov 2024 09:28

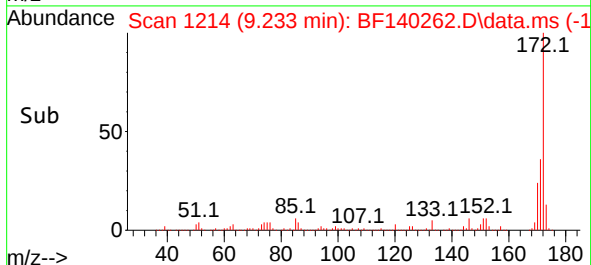
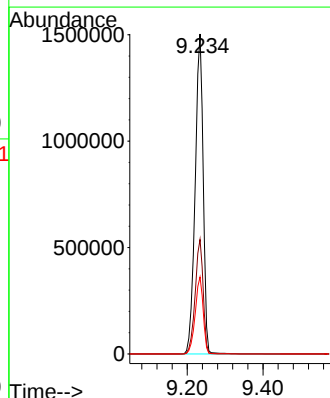
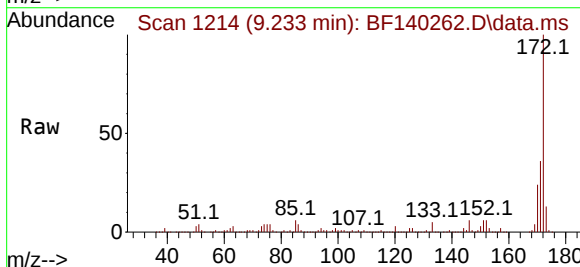
Tgt Ion:172 Resp: 2232636

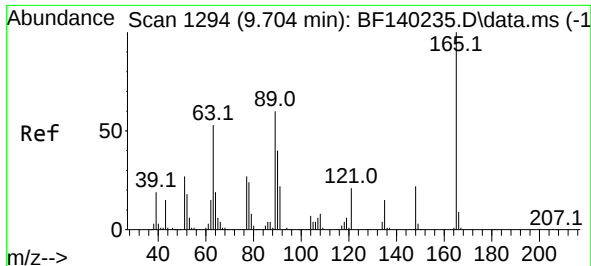
Ion Ratio Lower Upper

172 100

171 35.8 28.8 43.2

170 24.1 19.6 29.4

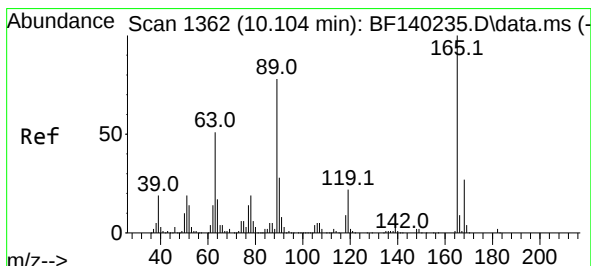
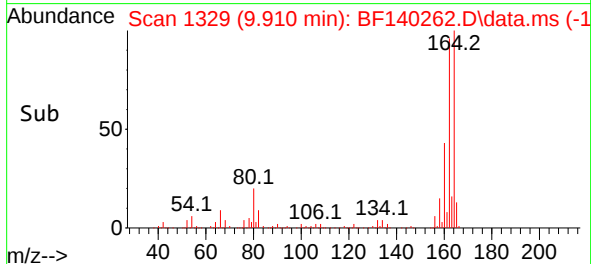
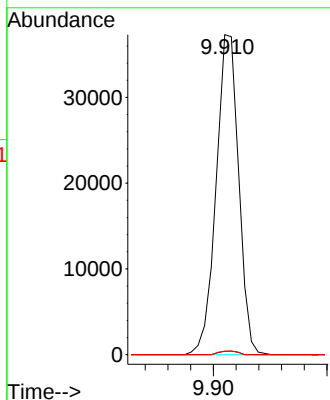
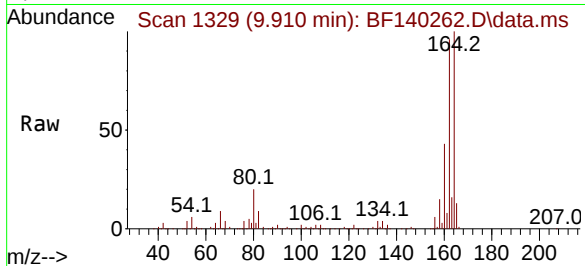




#51
2,6-Dinitrotoluene
Concen: 9.093 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF140262.D
Acq: 07 Nov 2024 09:28

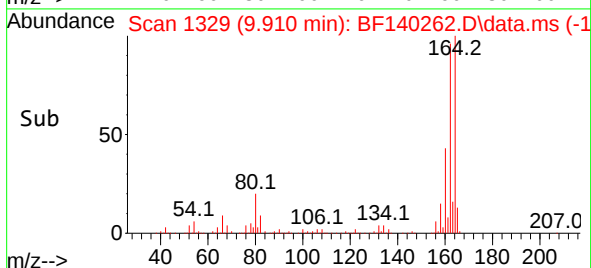
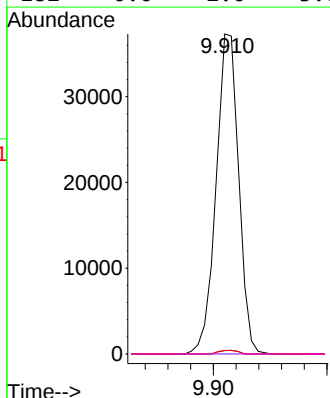
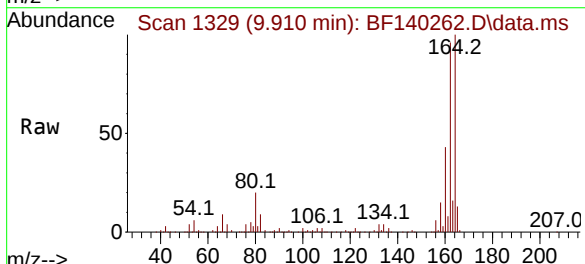
Instrument :
BNA_F
ClientSampleId :
PB164702BL

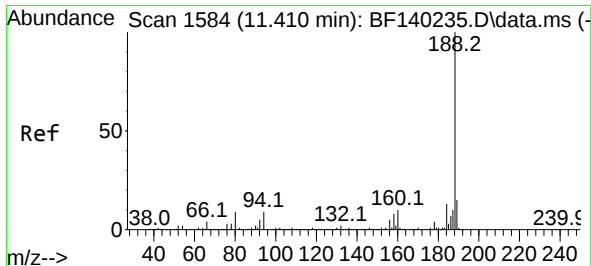
Tgt Ion:165 Resp: 51490
Ion Ratio Lower Upper
165 100
63 1.1 48.8 73.2#
89 1.1 48.1 72.1#



#57
2,4-Dinitrotoluene
Concen: 7.007 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.194 min
Lab File: BF140262.D
Acq: 07 Nov 2024 09:28

Tgt Ion:165 Resp: 51490
Ion Ratio Lower Upper
165 100
63 1.1 41.3 61.9#
89 1.1 62.6 94.0#
182 0.0 2.0 3.0#

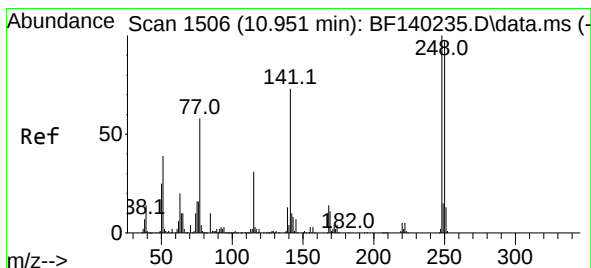
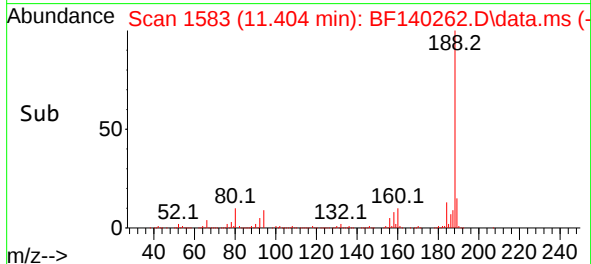
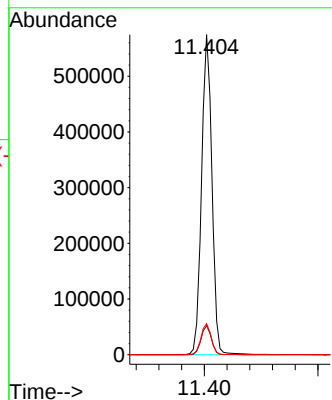
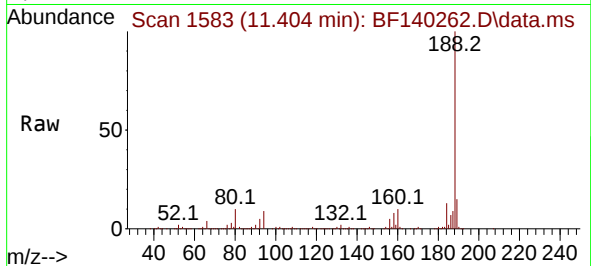




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.404 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF140262.D
Acq: 07 Nov 2024 09:28

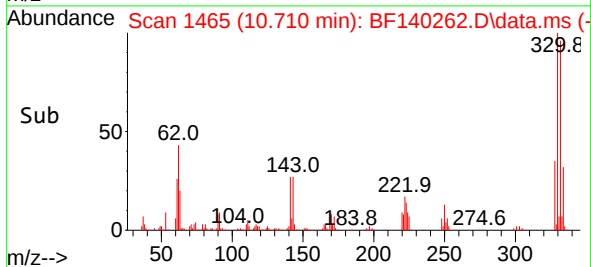
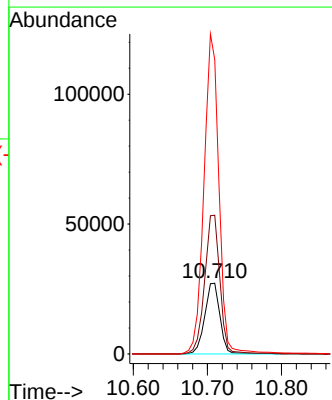
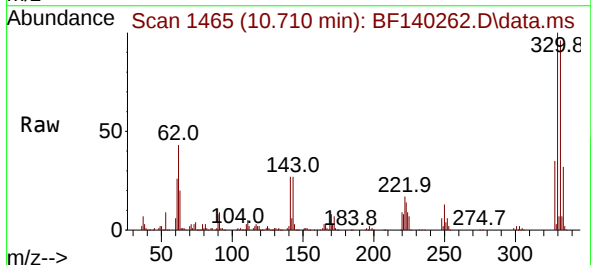
Instrument :
BNA_F
ClientSampleId :
PB164702BL

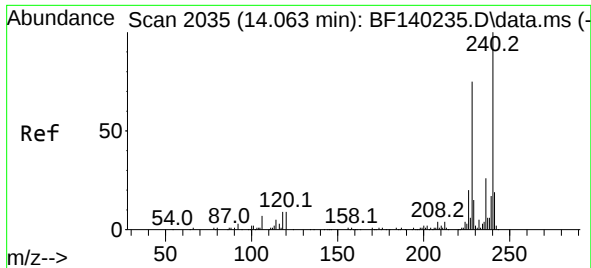
Tgt Ion:188 Resp: 728833
Ion Ratio Lower Upper
188 100
94 9.1 6.9 10.3
80 9.7 7.5 11.3



#67
4-Bromophenyl-phenylether
Concen: 4.967 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.241 min
Lab File: BF140262.D
Acq: 07 Nov 2024 09:28

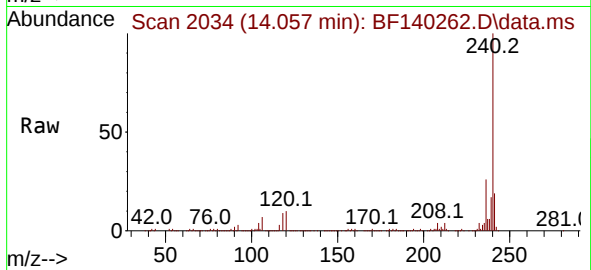
Tgt Ion:248 Resp: 38981
Ion Ratio Lower Upper
248 100
250 196.3 77.9 116.9#
141 416.1 58.6 88.0#



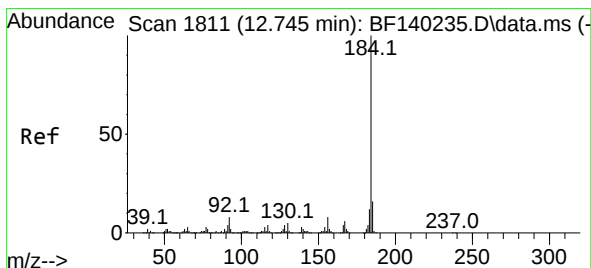
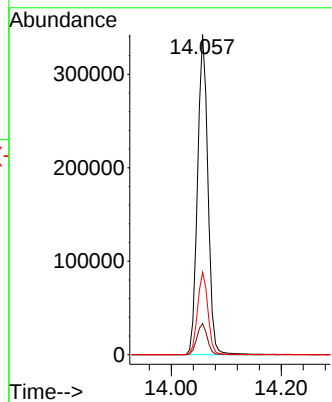
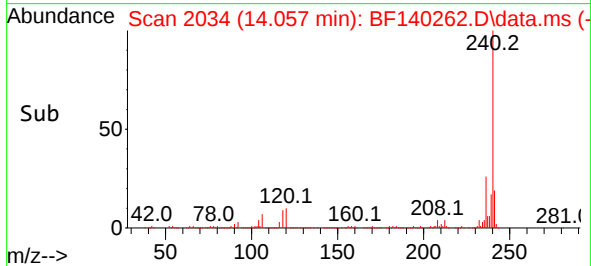


#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.057 min Scan# 2034
Delta R.T. -0.006 min
Lab File: BF140262.D
Acq: 07 Nov 2024 09:28

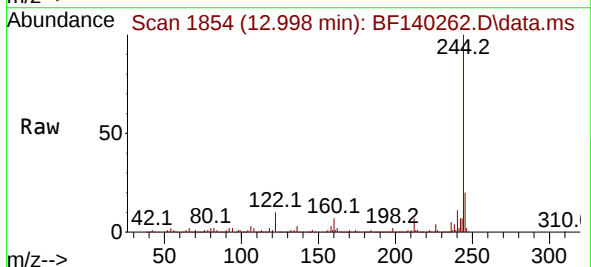
Instrument :
BNA_F
ClientSampleId :
PB164702BL



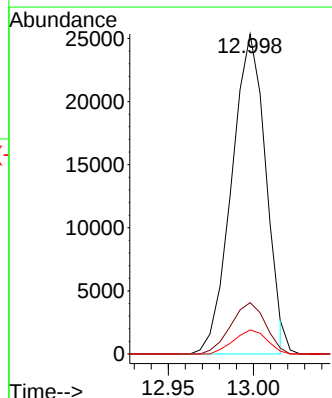
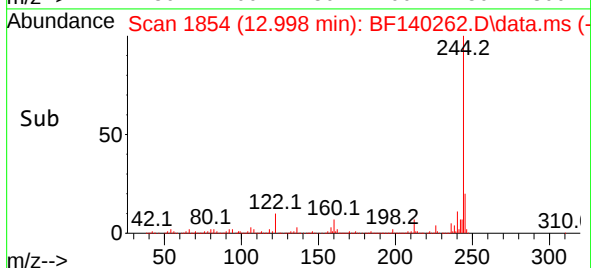
Tgt Ion:240 Resp: 449594
Ion Ratio Lower Upper
240 100
120 9.7 7.5 11.3
236 25.8 20.9 31.3

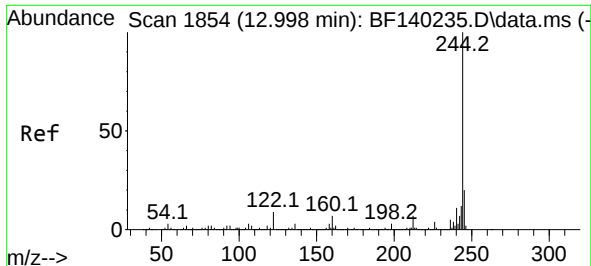


#77
Benzidine
Concen: 3.999 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.253 min
Lab File: BF140262.D
Acq: 07 Nov 2024 09:28



Tgt Ion:184 Resp: 35150
Ion Ratio Lower Upper
184 100
185 16.1 12.5 18.7
183 7.5 9.3 13.9#

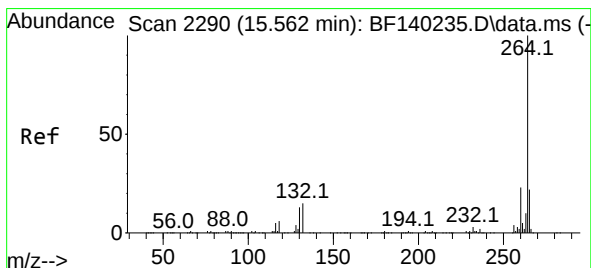
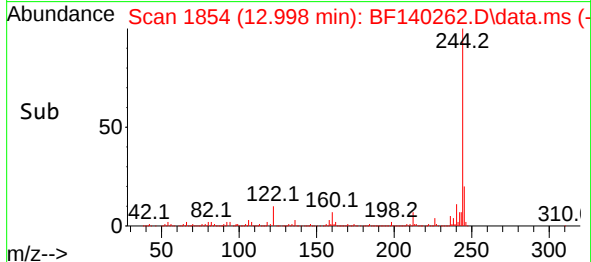
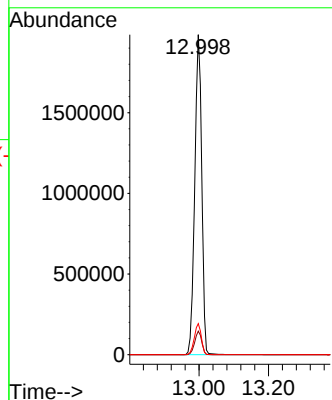
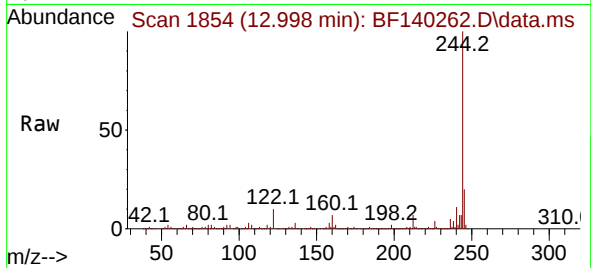




#79
Terphenyl-d14
Concen: 100.656 ng
RT: 12.998 min Scan# 1854
Delta R.T. 0.000 min
Lab File: BF140262.D
Acq: 07 Nov 2024 09:28

Instrument :
BNA_F
ClientSampleId :
PB164702BL

Tgt Ion:244 Resp: 2762575
Ion Ratio Lower Upper
244 100
212 7.4 6.0 9.0
122 9.7 7.6 11.4



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.568 min Scan# 2291
Delta R.T. 0.006 min
Lab File: BF140262.D
Acq: 07 Nov 2024 09:28

Tgt Ion:264 Resp: 367483
Ion Ratio Lower Upper
264 100
260 23.0 18.8 28.2
265 21.7 17.3 25.9

