

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091224\
 Data File : BF139341.D
 Acq On : 12 Sep 2024 16:00
 Operator : RC/JU
 Sample : PB163323BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163323BL

Quant Time: Sep 12 16:30:35 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF090424.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 04 16:11:43 2024
 Response via : Initial Calibration

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

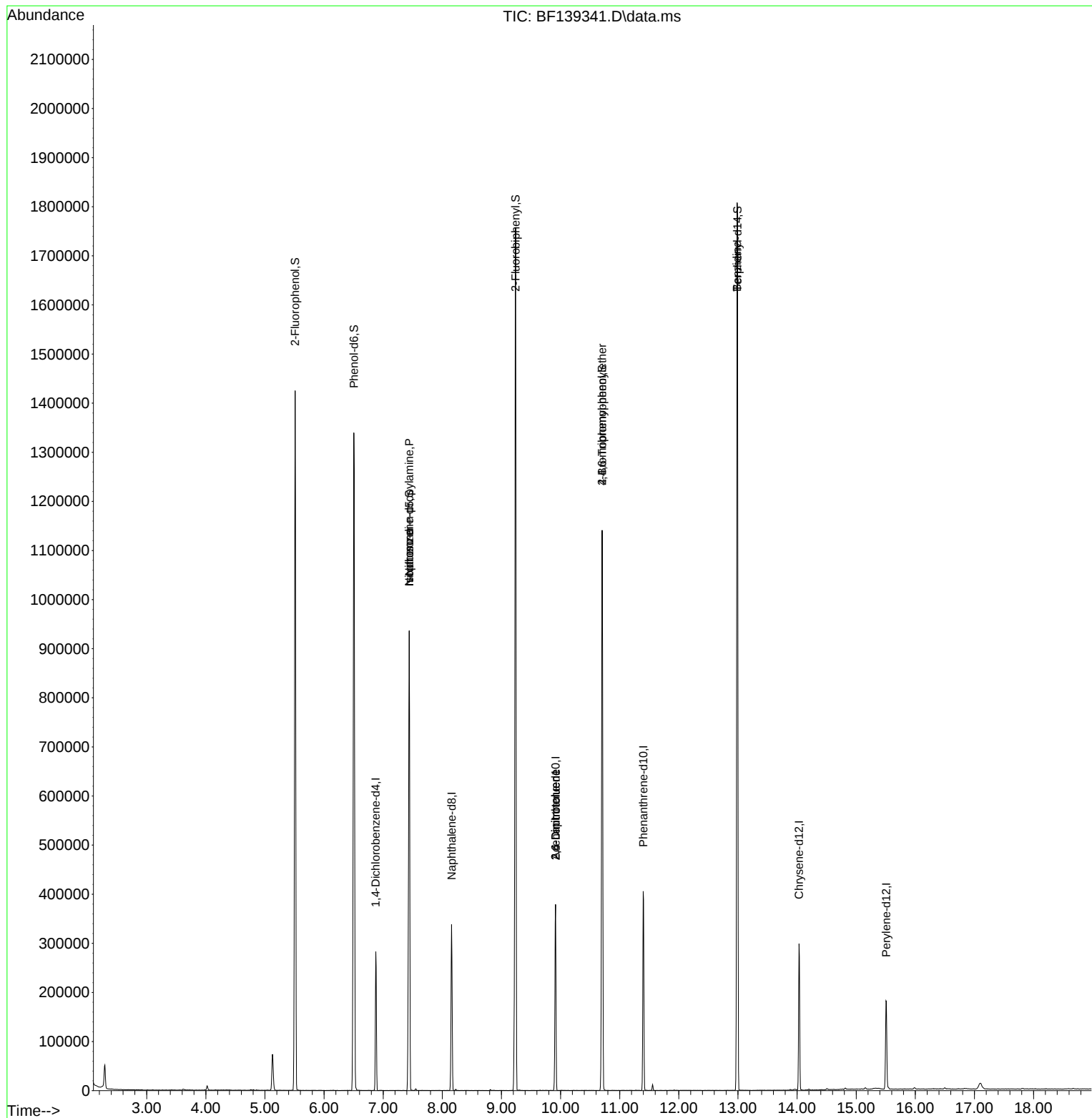
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	53068	20.000	ng	-0.02
21) Naphthalene-d8	8.157	136	195922	20.000	ng	#-0.02
39) Acenaphthene-d10	9.916	164	110617	20.000	ng	-0.01
64) Phenanthrene-d10	11.398	188	213202	20.000	ng	-0.02
76) Chrysene-d12	14.033	240	141250	20.000	ng	-0.02
86) Perylene-d12	15.510	264	108988	20.000	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	476858	150.320	ng	0.00
7) Phenol-d6	6.504	99	613519	144.871	ng	-0.01
23) Nitrobenzene-d5	7.439	82	419878	111.489	ng	-0.01
42) 2,4,6-Tribromophenol	10.704	330	171669	179.721	ng	-0.01
45) 2-Fluorobiphenyl	9.239	172	795122	110.958	ng	-0.01
79) Terphenyl-d14	12.992	244	892613	102.031	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.439	70	60301	24.723	ng	# 77
25) Isophorone	7.439	82	419565	65.163	ng	# 67
51) 2,6-Dinitrotoluene	9.916	165	13656	8.978	ng	# 18
57) 2,4-Dinitrotoluene	9.916	165	13656	7.054	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	11991	5.797	ng	# 1
77) Benzidine	12.986	184	12779	4.493	ng	# 91

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

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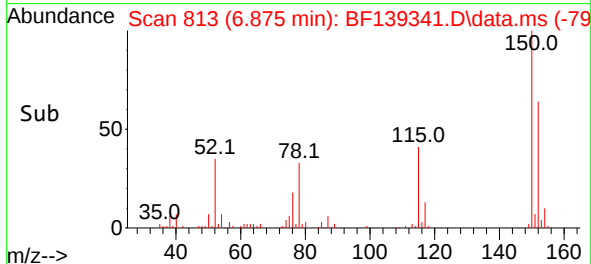
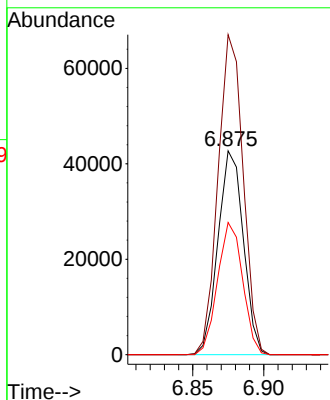
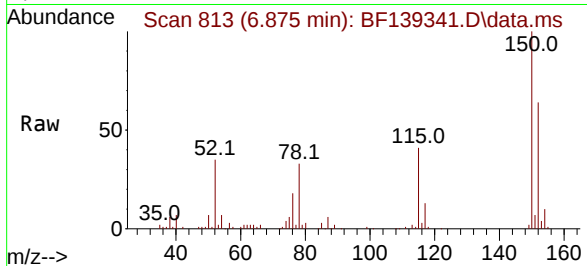




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 816
Delta R.T. -0.018 min
Lab File: BF139341.D
Acq: 12 Sep 2024 16:00

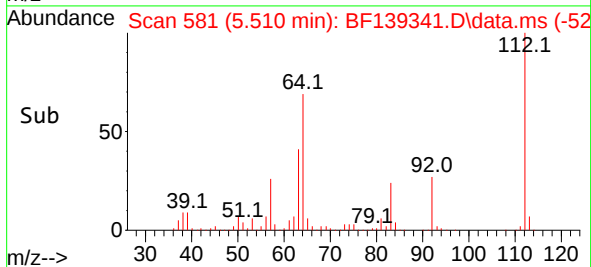
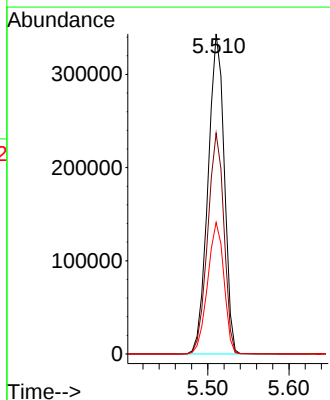
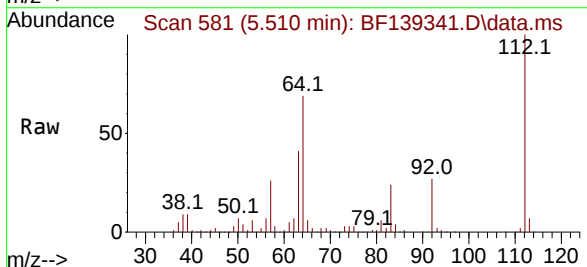
Instrument :
BNA_F
ClientSampleId :
PB163323BL

Tgt Ion:152 Resp: 53068
Ion Ratio Lower Upper
152 100
150 156.9 127.0 190.4
115 64.8 46.9 70.3



#5
2-Fluorophenol
Concen: 150.320 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139341.D
Acq: 12 Sep 2024 16:00

Tgt Ion:112 Resp: 476858
Ion Ratio Lower Upper
112 100
64 69.0 55.0 82.4
63 41.1 29.9 44.9

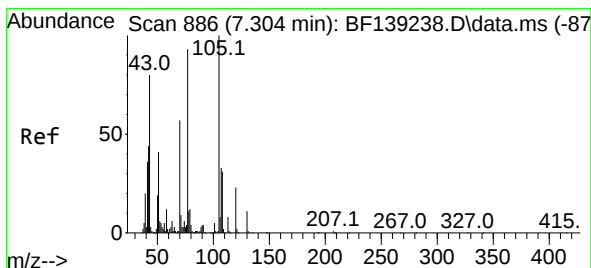
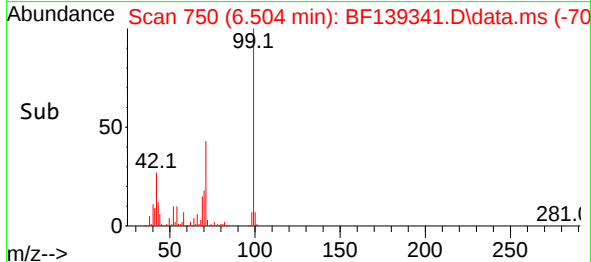
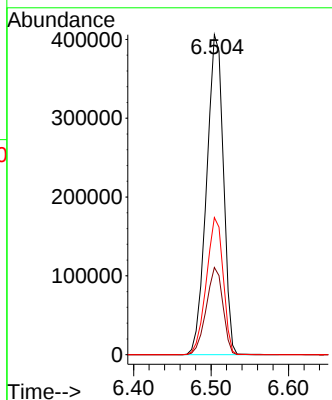
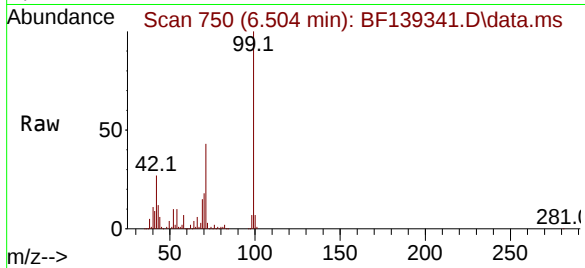




#7
Phenol-d6
Concen: 144.871 ng
RT: 6.504 min Scan# 70
Delta R.T. -0.012 min
Lab File: BF139341.D
Acq: 12 Sep 2024 16:00

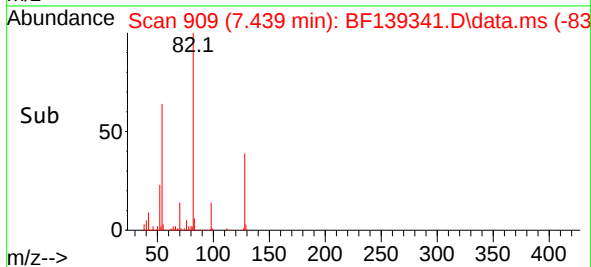
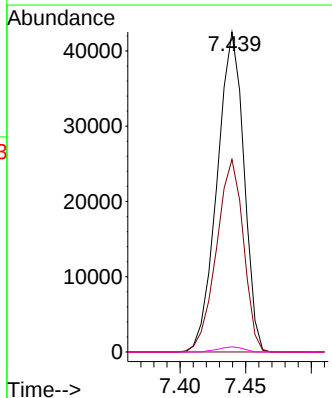
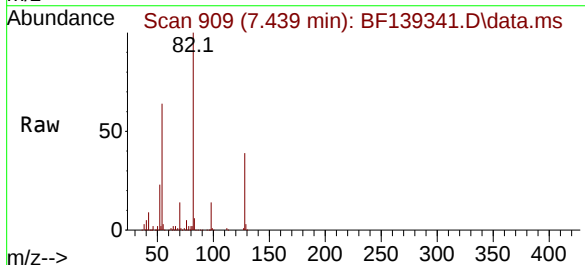
Instrument :
BNA_F
ClientSampleId :
PB163323BL

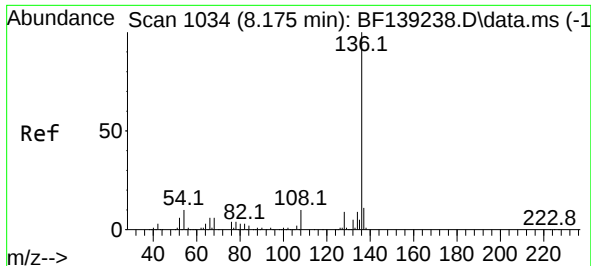
Tgt Ion: 99 Resp: 613519
Ion Ratio Lower Upper
99 100
42 27.2 19.8 29.6
71 42.8 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 24.723 ng
RT: 7.439 min Scan# 909
Delta R.T. 0.135 min
Lab File: BF139341.D
Acq: 12 Sep 2024 16:00

Tgt Ion: 70 Resp: 60301
Ion Ratio Lower Upper
70 100
42 60.1 61.0 91.6#
101 0.0 7.2 10.8#
130 1.6 16.1 24.1#

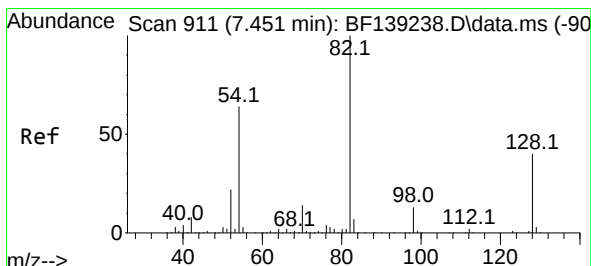
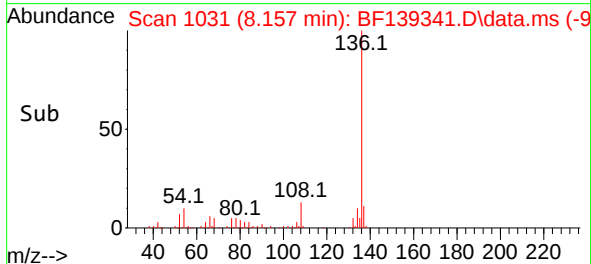
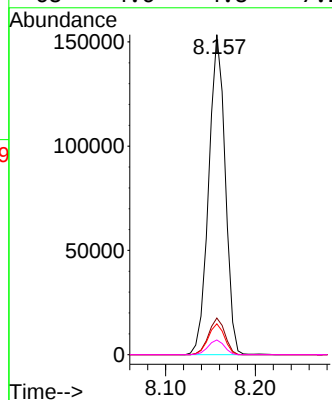
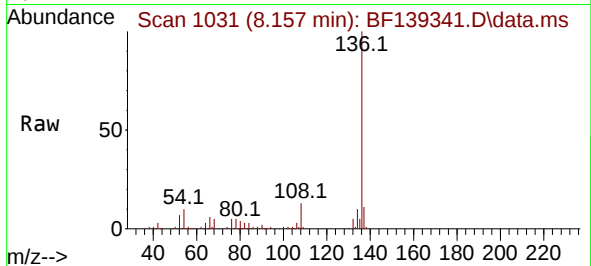




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.018 min
Lab File: BF139341.D
Acq: 12 Sep 2024 16:00

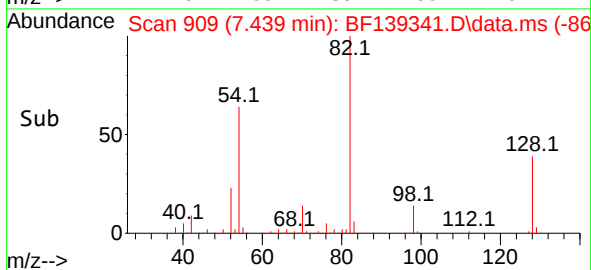
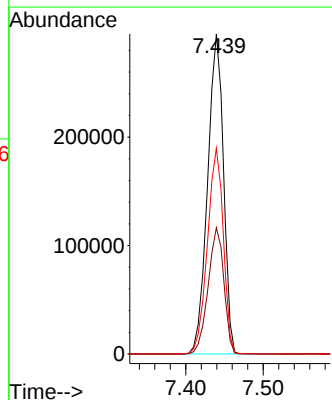
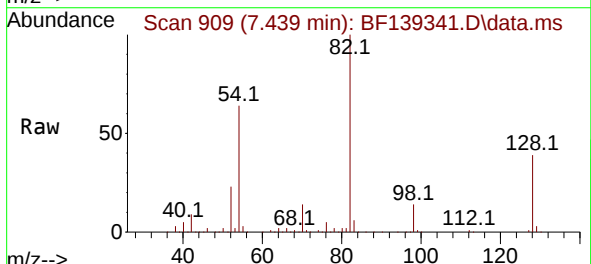
Instrument :
BNA_F
ClientSampleId :
PB163323BL

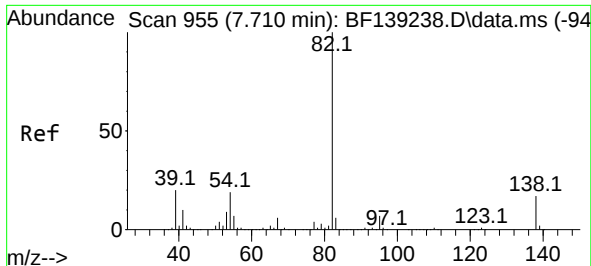
Tgt	Ion:136	Resp:	195922
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.6	13.0
54	9.6	8.4	12.6
68	4.6	4.8	7.2#



#23
Nitrobenzene-d5
Concen: 111.489 ng
RT: 7.439 min Scan# 909
Delta R.T. -0.012 min
Lab File: BF139341.D
Acq: 12 Sep 2024 16:00

Tgt Ion: 82	Resp: 419878
Ion Ratio	Lower Upper
82 100	
128 39.5	32.3 48.5
54 64.3	51.2 76.8

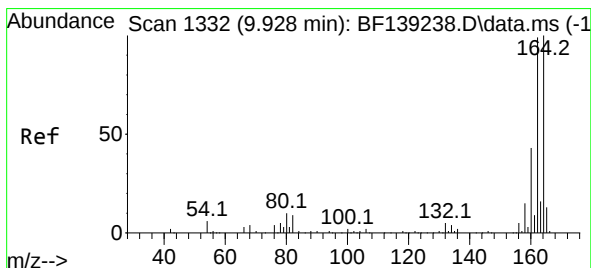
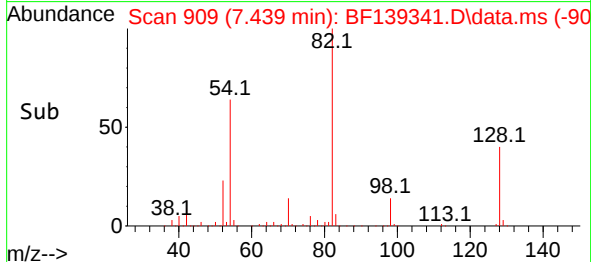
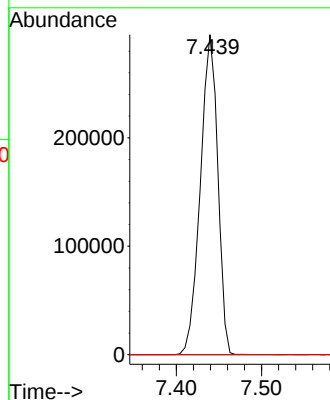
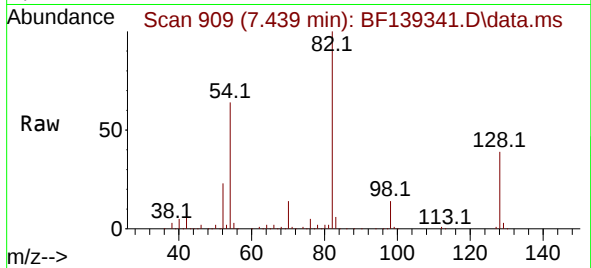




#25
Isophorone
Concen: 65.163 ng
RT: 7.439 min Scan# 90
Delta R.T. -0.271 min
Lab File: BF139341.D
Acq: 12 Sep 2024 16:00

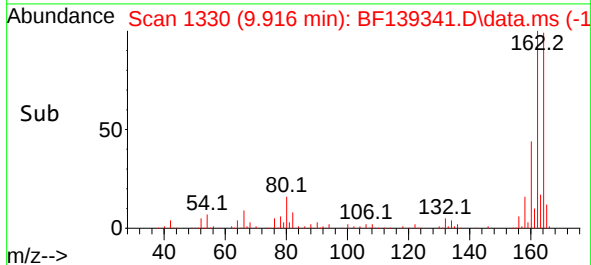
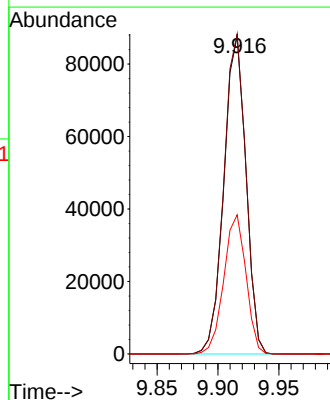
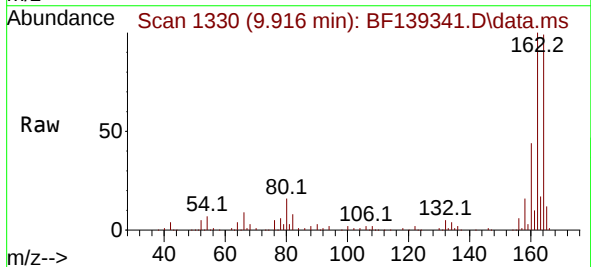
Instrument :
BNA_F
ClientSampleId :
PB163323BL

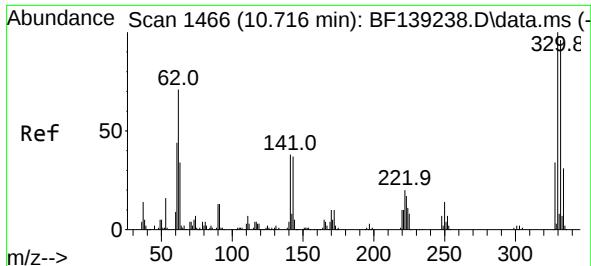
Tgt Ion: 82 Resp: 419565
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF139341.D
Acq: 12 Sep 2024 16:00

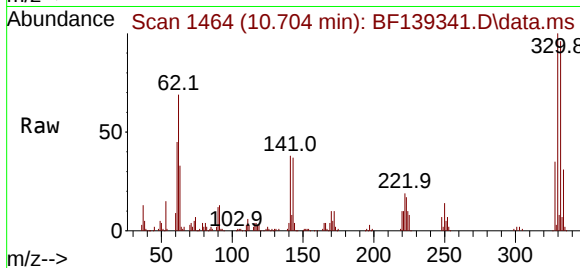
Tgt Ion:164 Resp: 110617
Ion Ratio Lower Upper
164 100
162 100.7 79.2 118.8
160 43.8 34.2 51.2





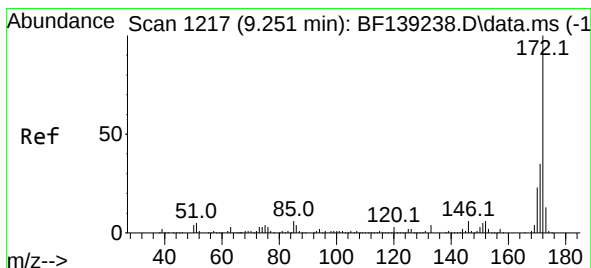
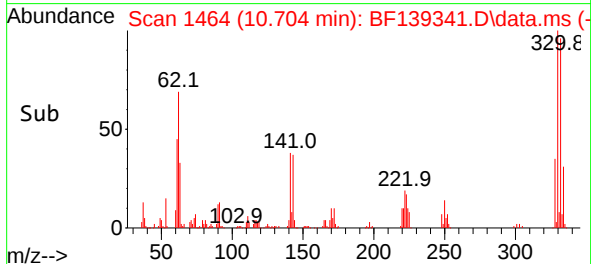
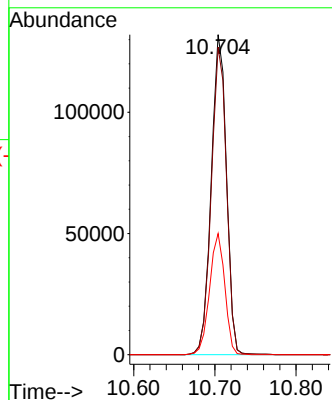
#42
2,4,6-Tribromophenol
Concen: 179.721 ng
RT: 10.704 min Scan# 1464
Delta R.T. -0.012 min
Lab File: BF139341.D
Acq: 12 Sep 2024 16:00

Instrument :
BNA_F
ClientSampleId :
PB163323BL



Tgt Ion: 330 Resp: 171669

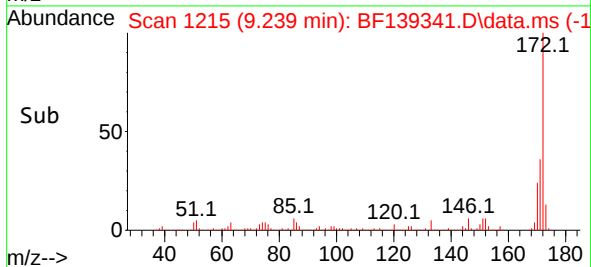
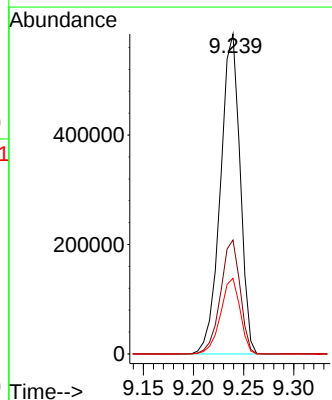
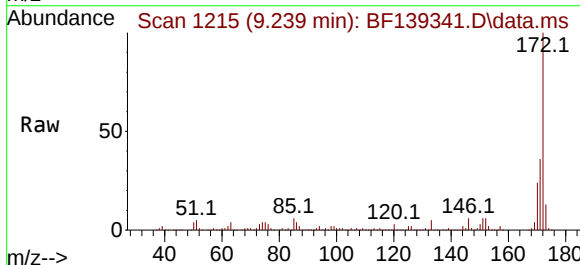
Ion	Ratio	Lower	Upper
330	100		
332	96.4	76.6	115.0
141	37.9	30.1	45.1

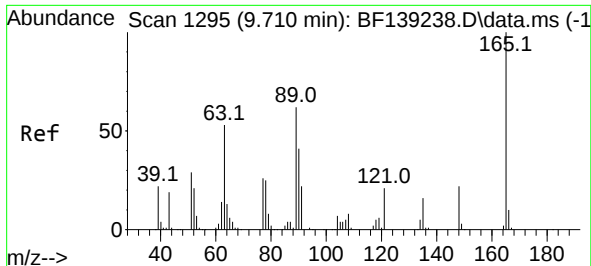


#45
2-Fluorobiphenyl
Concen: 110.958 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF139341.D
Acq: 12 Sep 2024 16:00

Tgt Ion: 172 Resp: 795122

Ion	Ratio	Lower	Upper
172	100		
171	35.6	28.3	42.5
170	23.7	18.7	28.1





#51

2,6-Dinitrotoluene

Concen: 8.978 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF139341.D

Acq: 12 Sep 2024 16:00

Instrument :

BNA_F

ClientSampleId :

PB163323BL

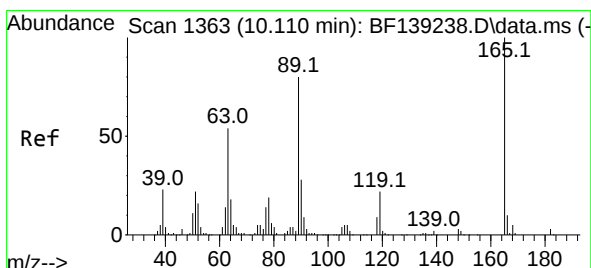
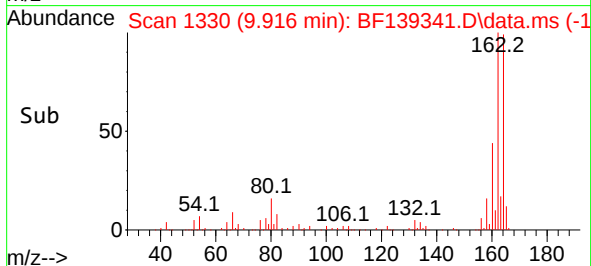
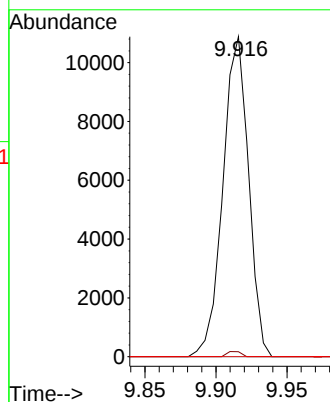
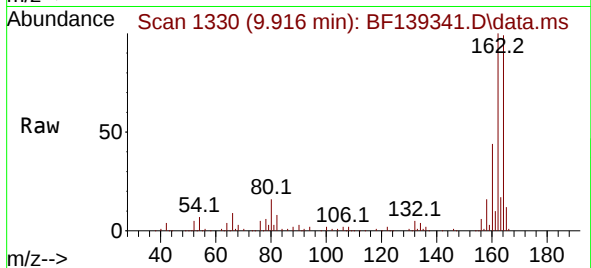
Tgt Ion:165 Resp: 13656

Ion Ratio Lower Upper

165 100

63 1.6 56.1 84.1#

89 0.0 49.7 74.5#



#57

2,4-Dinitrotoluene

Concen: 7.054 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.194 min

Lab File: BF139341.D

Acq: 12 Sep 2024 16:00

Tgt Ion:165 Resp: 13656

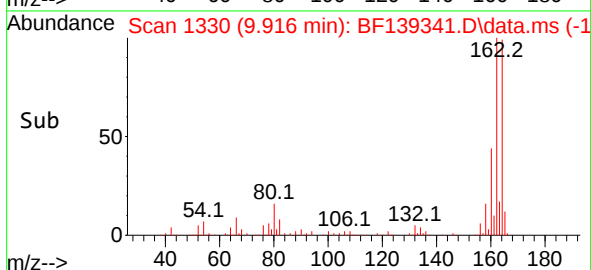
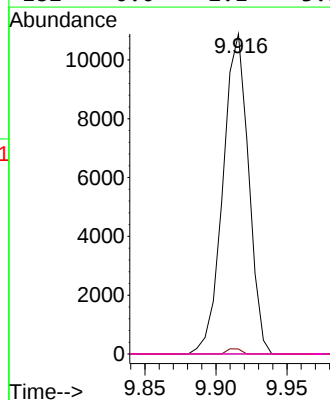
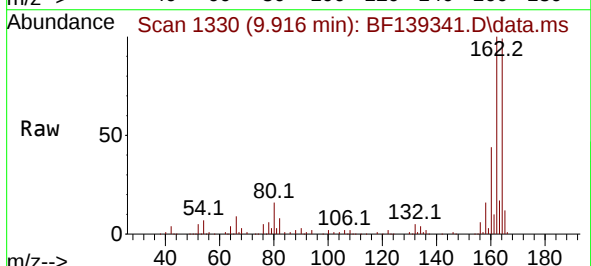
Ion Ratio Lower Upper

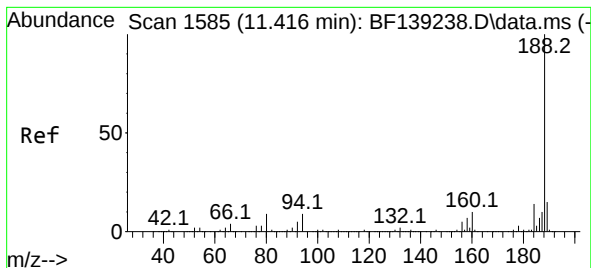
165 100

63 1.6 43.4 65.0#

89 0.0 64.2 96.4#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.018 min

Lab File: BF139341.D

Acq: 12 Sep 2024 16:00

Instrument :

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PB163323BL

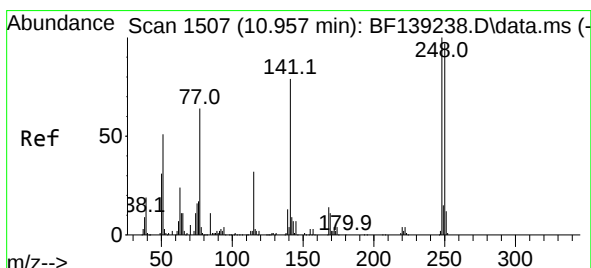
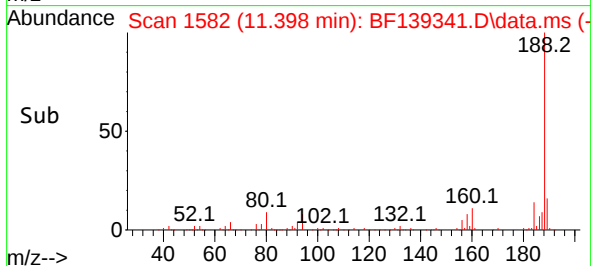
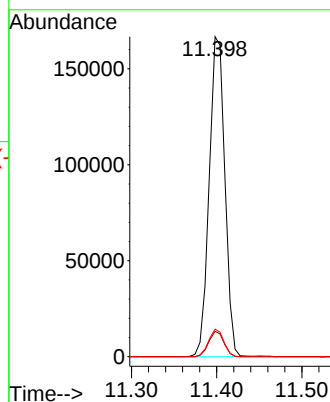
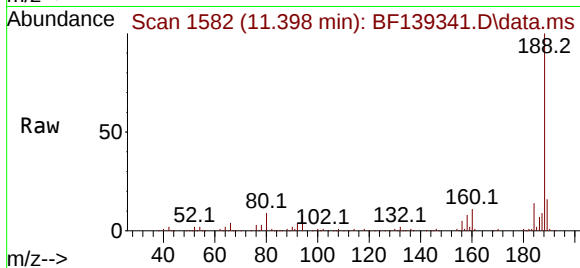
Tgt Ion:188 Resp: 213202

Ion Ratio Lower Upper

188 100

94 8.0 7.0 10.4

80 8.6 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 5.797 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.253 min

Lab File: BF139341.D

Acq: 12 Sep 2024 16:00

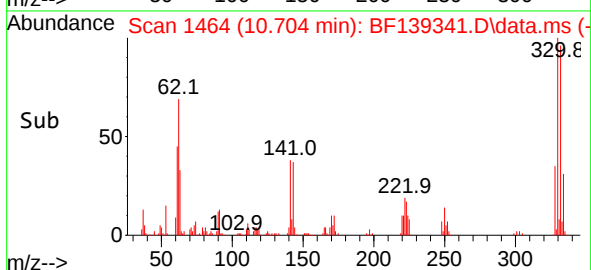
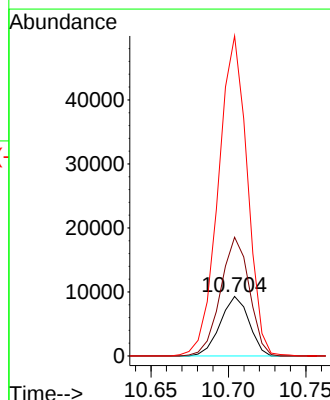
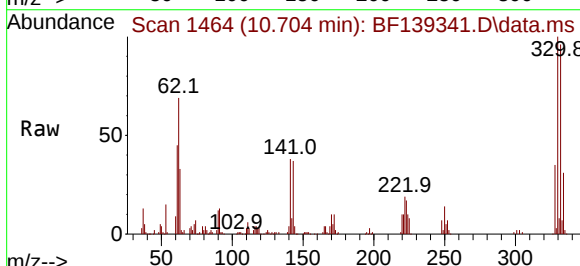
Tgt Ion:248 Resp: 11991

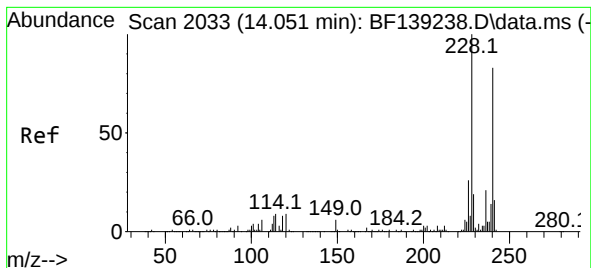
Ion Ratio Lower Upper

248 100

250 199.6 77.2 115.8#

141 537.8 63.6 95.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.018 min

Lab File: BF139341.D

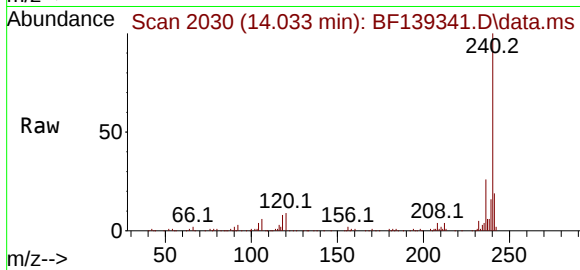
Acq: 12 Sep 2024 16:00

Instrument :

BNA_F

ClientSampleId :

PB163323BL



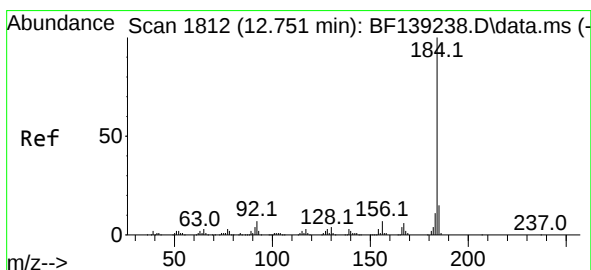
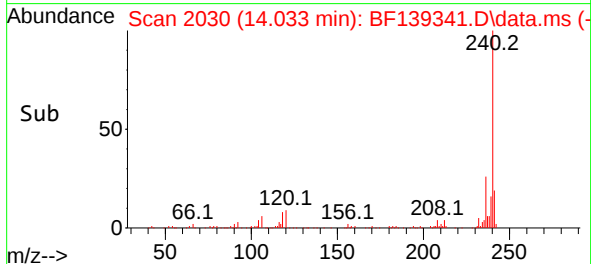
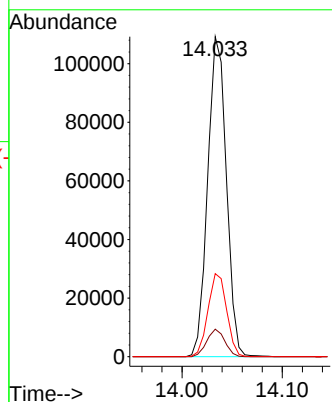
Tgt Ion:240 Resp: 141250

Ion Ratio Lower Upper

240 100

120 8.6 8.6 12.8

236 26.0 20.7 31.1



#77

Benzidine

Concen: 4.493 ng

RT: 12.986 min Scan# 1852

Delta R.T. 0.235 min

Lab File: BF139341.D

Acq: 12 Sep 2024 16:00

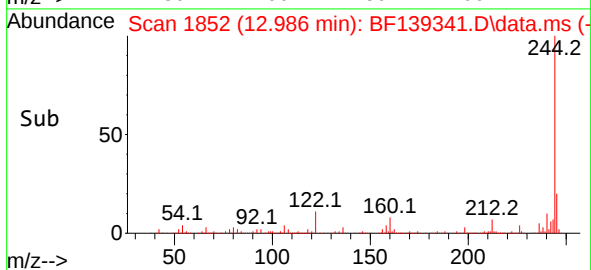
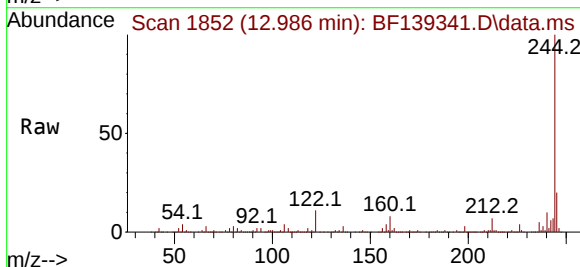
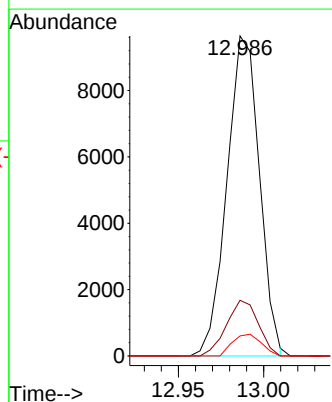
Tgt Ion:184 Resp: 12779

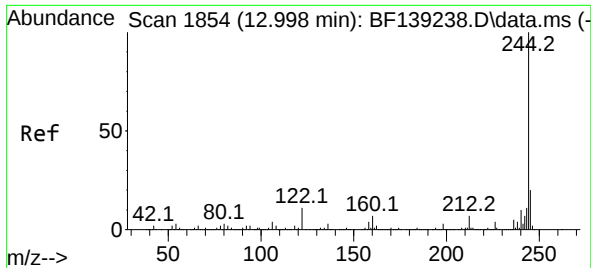
Ion Ratio Lower Upper

184 100

185 17.4 11.9 17.9

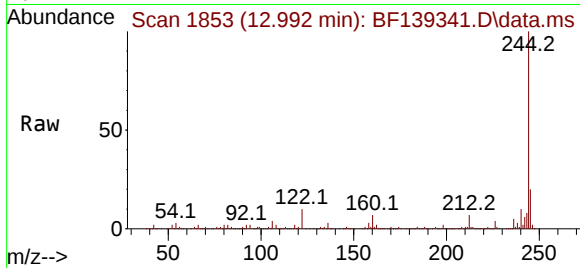
183 6.2 8.8 13.2#



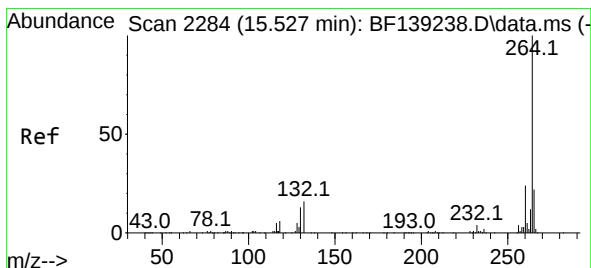
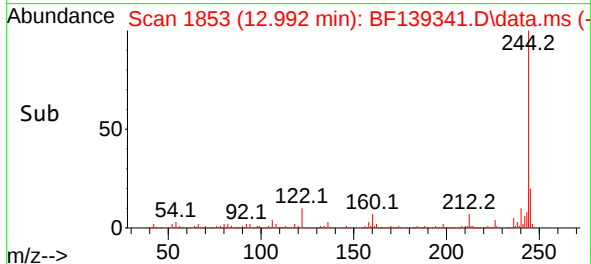
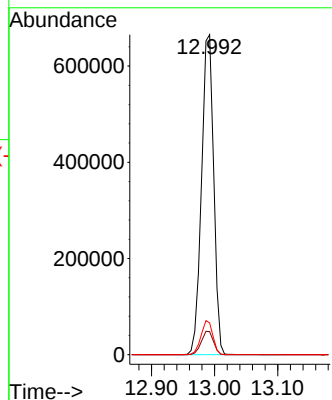


#79
Terphenyl-d14
Concen: 102.031 ng
RT: 12.992 min Scan# 1853
Delta R.T. -0.006 min
Lab File: BF139341.D
Acq: 12 Sep 2024 16:00

Instrument :
BNA_F
ClientSampleId :
PB163323BL



Tgt Ion:244 Resp: 892613
Ion Ratio Lower Upper
244 100
212 7.2 5.9 8.9
122 10.0 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.510 min Scan# 2281
Delta R.T. -0.018 min
Lab File: BF139341.D
Acq: 12 Sep 2024 16:00

Tgt Ion:264 Resp: 108988
Ion Ratio Lower Upper
264 100
260 22.8 18.8 28.2
265 20.8 17.3 25.9

