

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
 Data File : BF139203.D
 Acq On : 28 Aug 2024 12:09
 Operator : RC/JU
 Sample : PB163034BL
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163034BL

Quant Time: Aug 28 12:48:39 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Aug 27 02:51:47 2024
 Response via : Initial Calibration

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

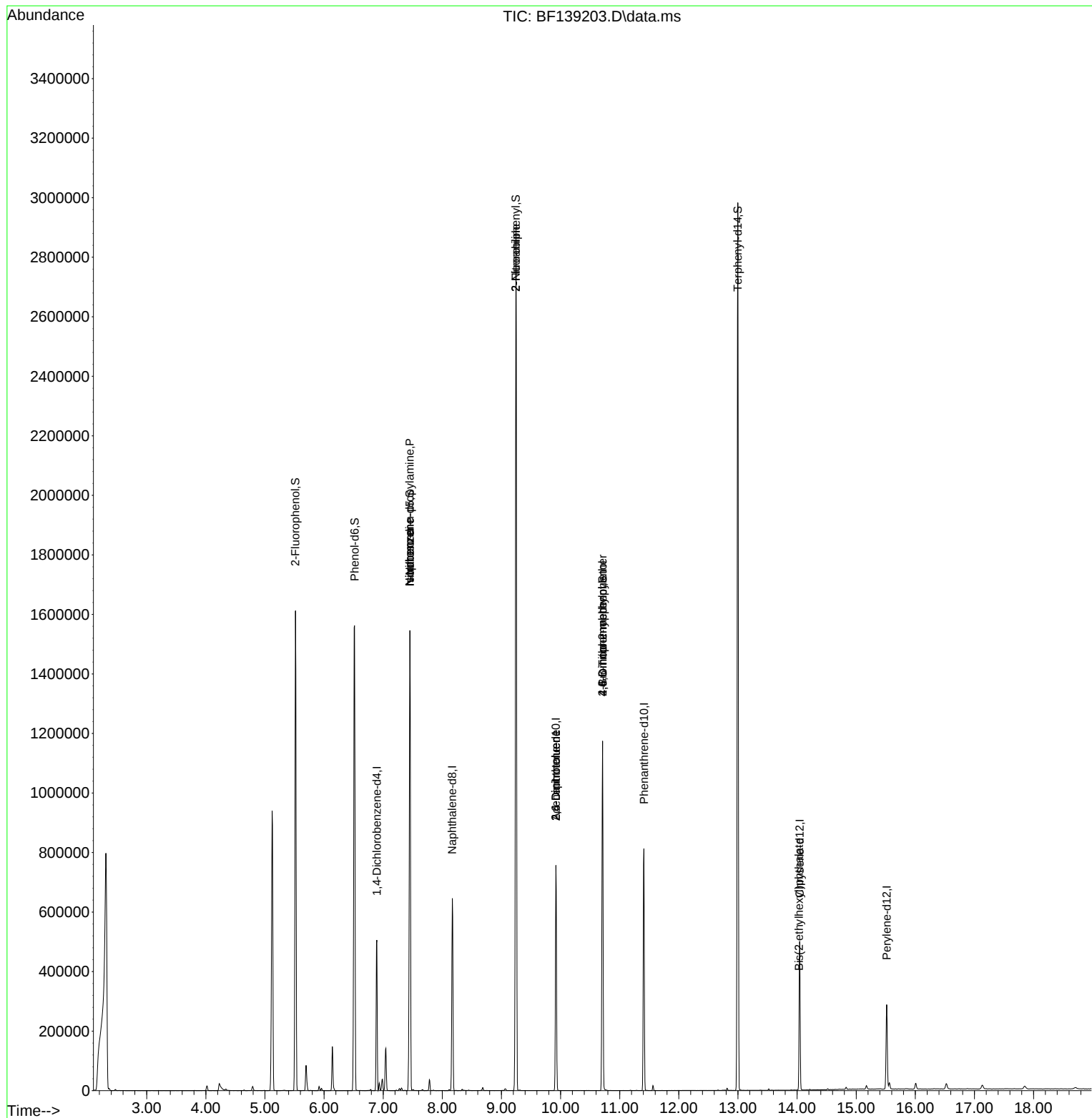
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	101009	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	390186	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	218096	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	419256	20.000	ng	0.00
76) Chrysene-d12	14.045	240	231629	20.000	ng	0.00
86) Perylene-d12	15.515	264	168770	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	553795	92.128	ng	0.01
7) Phenol-d6	6.516	99	748713	90.755	ng	0.00
23) Nitrobenzene-d5	7.451	82	756855	107.462	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	182026	97.450	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1282964	91.377	ng	0.00
79) Terphenyl-d14	12.998	244	1473962	99.291	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.451	70	104831	21.246	ng	# 78
24) Nitrobenzene	7.451	77	2269	3.513	ng	# 43
25) Isophorone	7.451	82	753791	54.121	ng	# 68
48) 2-Nitroaniline	9.245	65	2505	6.373	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	28165	14.510	ng	# 14
57) 2,4-Dinitrotoluene	9.922	165	28165	13.147	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.710	198	439	7.168	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	12694	2.850	ng	# 1
84) Bis(2-ethylhexyl)phtha...	14.033	149	126	3.161	ng	# 54

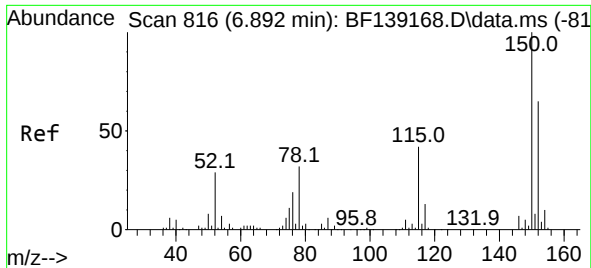
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082824\
Data File : BF139203.D
Acq On : 28 Aug 2024 12:09
Operator : RC/JU
Sample : PB163034BL
Misc :
ALS Vial : 6 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB163034BL

Quant Time: Aug 28 12:48:39 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF082724.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Aug 27 02:51:47 2024
Response via : Initial Calibration

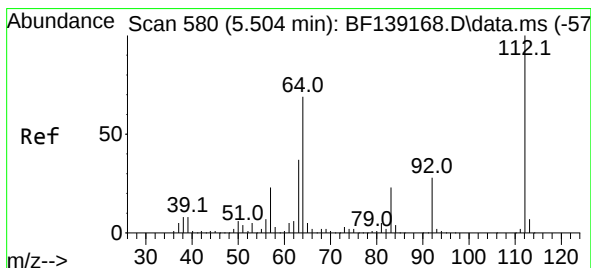
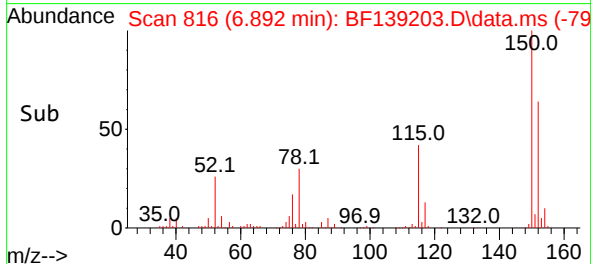
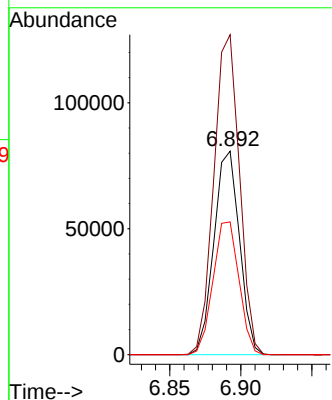
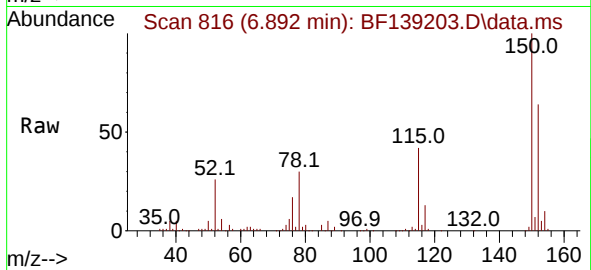




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139203.D
Acq: 28 Aug 2024 12:09

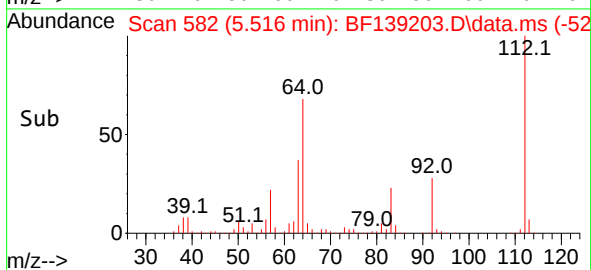
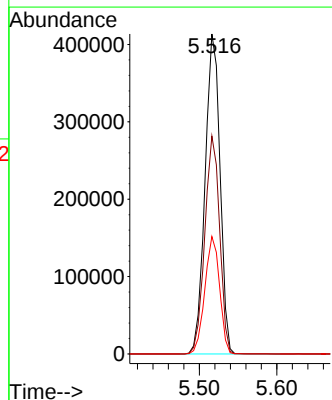
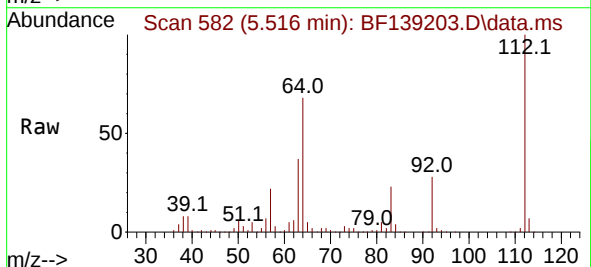
Instrument :
BNA_F
ClientSampleId :
PB163034BL

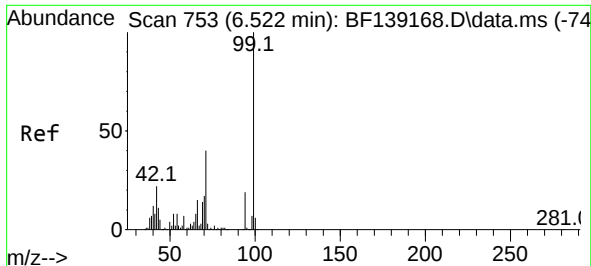
Tgt Ion:152 Resp: 101009
Ion Ratio Lower Upper
152 100
150 157.2 123.7 185.5
115 65.2 51.8 77.8



#5
2-Fluorophenol
Concen: 92.128 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF139203.D
Acq: 28 Aug 2024 12:09

Tgt Ion:112 Resp: 553795
Ion Ratio Lower Upper
112 100
64 68.1 55.5 83.3
63 36.7 29.8 44.6

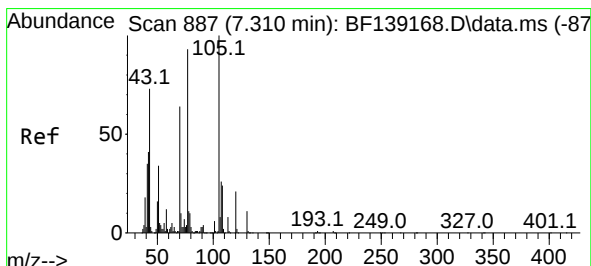
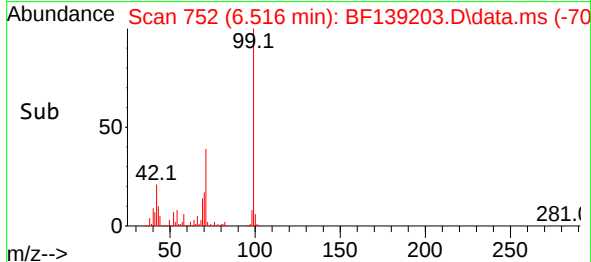
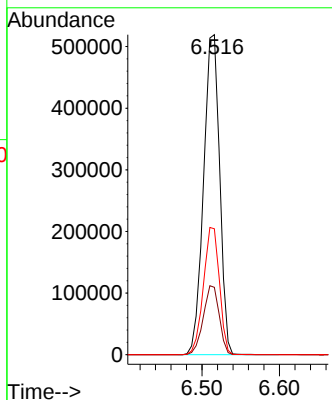
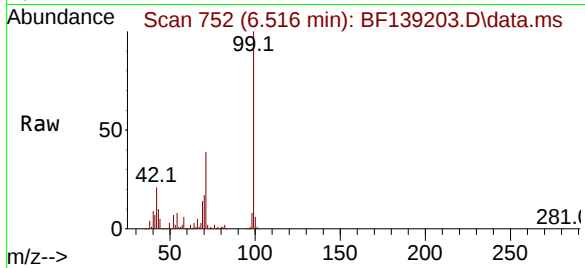




#7
Phenol-d6
Concen: 90.755 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139203.D
Acq: 28 Aug 2024 12:09

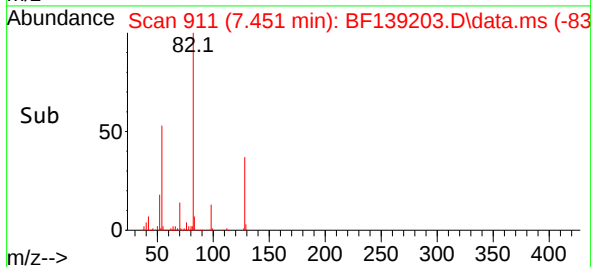
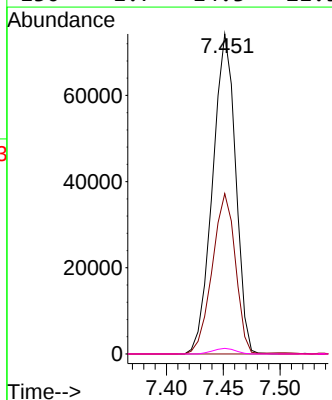
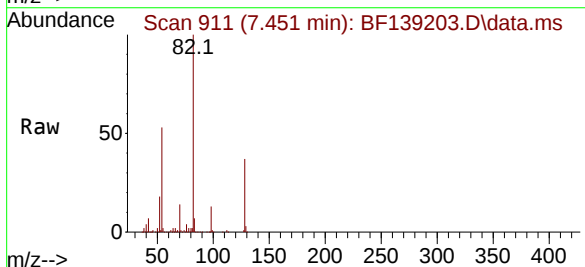
Instrument :
BNA_F
ClientSampleId :
PB163034BL

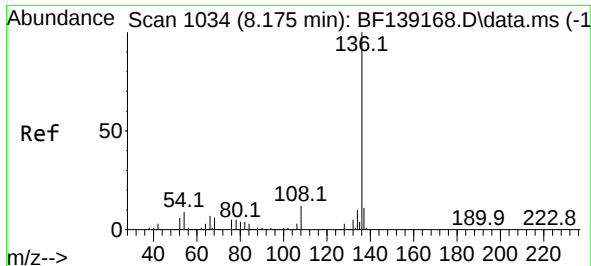
Tgt Ion: 99 Resp: 748713
Ion Ratio Lower Upper
99 100
42 21.0 17.9 26.9
71 39.4 31.7 47.5



#19
n-Nitroso-di-n-propylamine
Concen: 21.246 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139203.D
Acq: 28 Aug 2024 12:09

Tgt Ion: 70 Resp: 104831
Ion Ratio Lower Upper
70 100
42 50.1 50.8 76.2#
101 0.0 7.4 11.0#
130 1.7 14.3 21.5#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139203.D
Acq: 28 Aug 2024 12:09

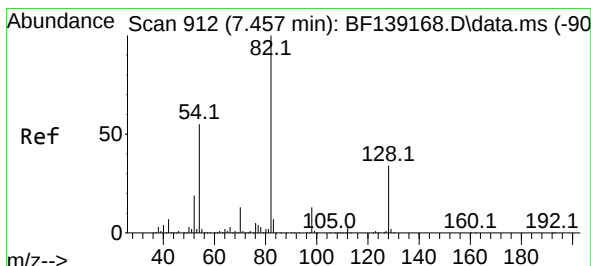
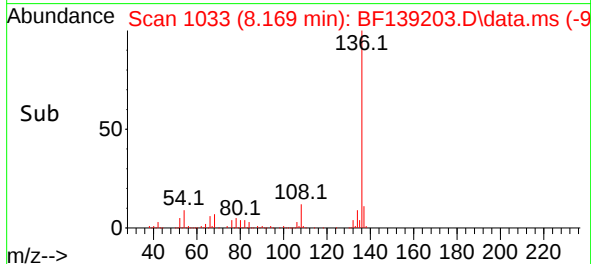
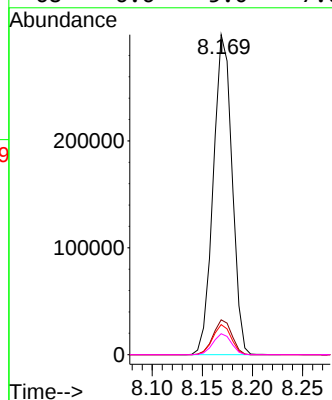
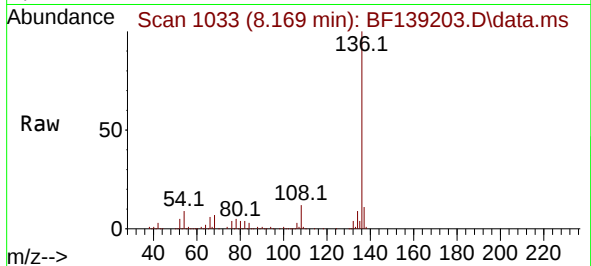
Instrument :

BNA_F

ClientSampleId :

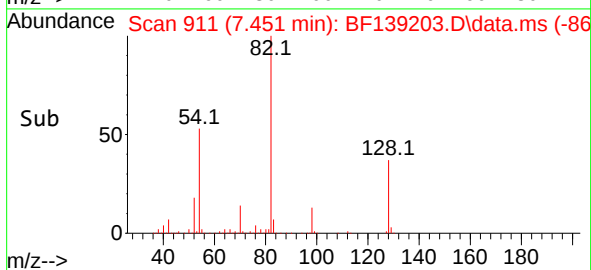
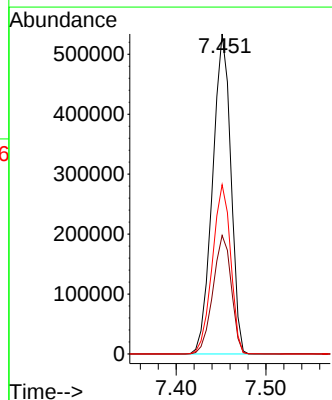
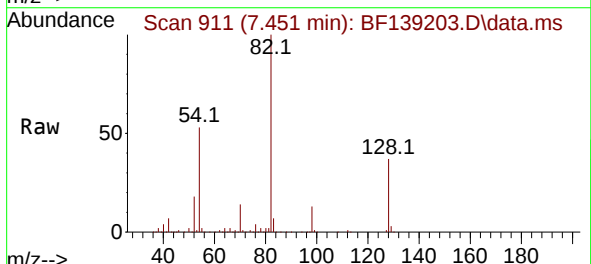
PB163034BL

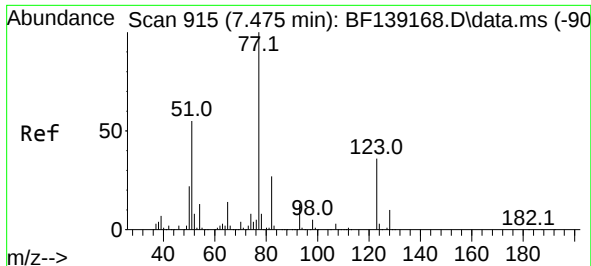
Tgt Ion:	136	Resp:	390186
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	12.8
54	9.4	7.6	11.4
68	6.6	5.0	7.6



#23
Nitrobenzene-d5
Concen: 107.462 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139203.D
Acq: 28 Aug 2024 12:09

Tgt Ion:	82	Resp:	756855
Ion	Ratio	Lower	Upper
82	100		
128	37.1	27.1	40.7
54	52.9	44.2	66.4

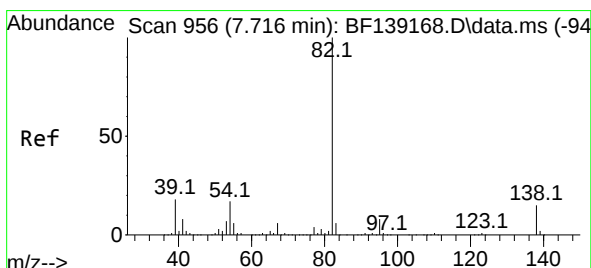
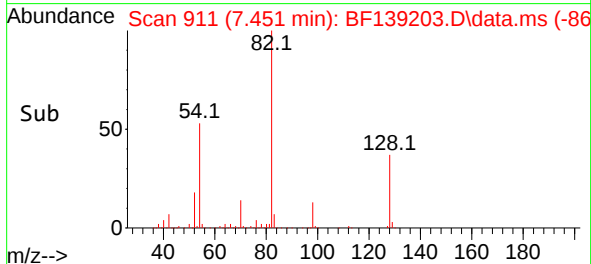
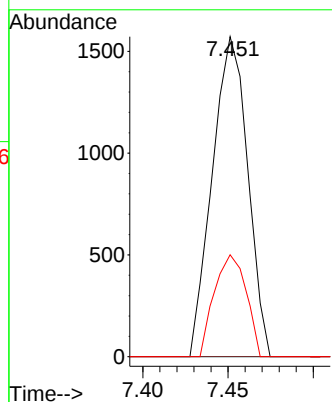
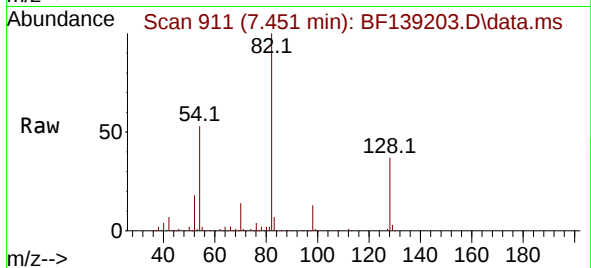




#24
Nitrobenzene
Concen: 3.513 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.024 min
Lab File: BF139203.D
Acq: 28 Aug 2024 12:09

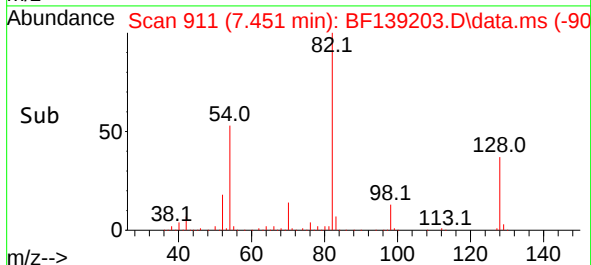
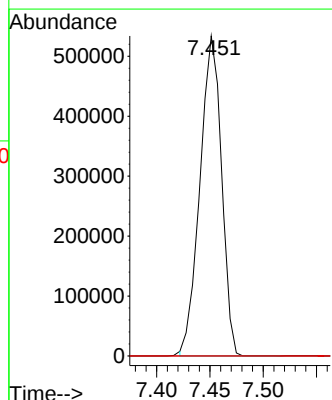
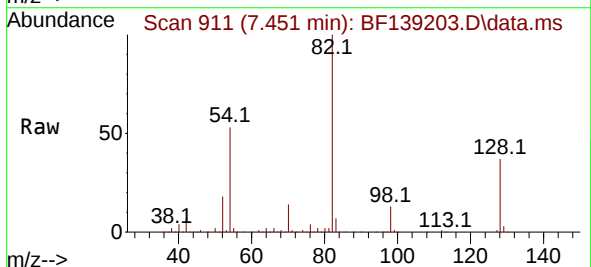
Instrument :
BNA_F
ClientSampleId :
PB163034BL

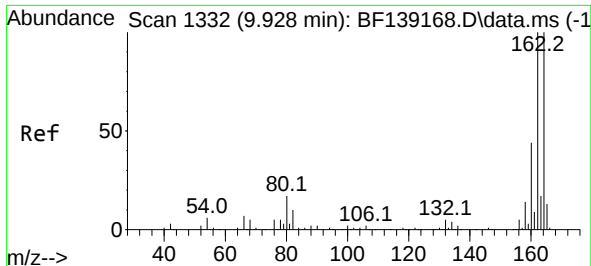
Tgt Ion: 77 Resp: 2269
Ion Ratio Lower Upper
77 100
123 0.0 28.7 43.1#
65 31.9 10.9 16.3#



#25
Isophorone
Concen: 54.121 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF139203.D
Acq: 28 Aug 2024 12:09

Tgt Ion: 82 Resp: 753791
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 12.2 18.4#





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.922 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF139203.D

Acq: 28 Aug 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB163034BL

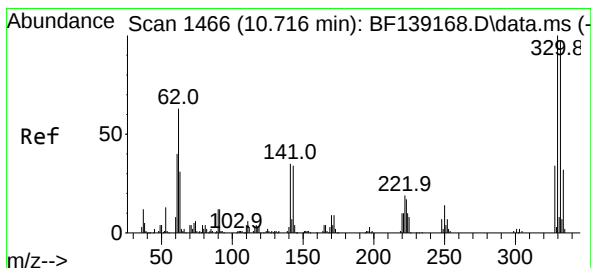
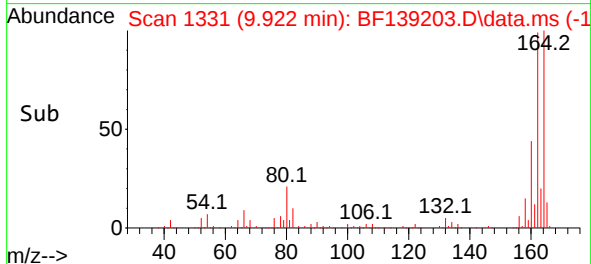
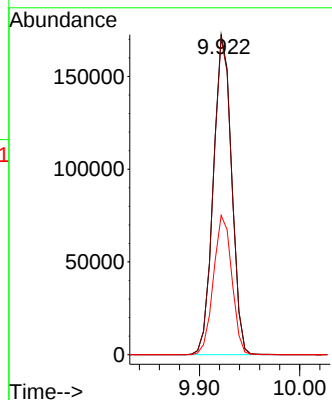
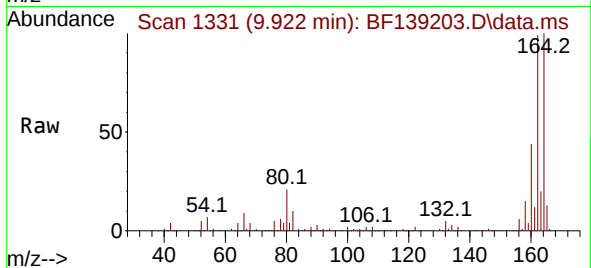
Tgt Ion:164 Resp: 218096

Ion Ratio Lower Upper

164 100

162 99.0 80.0 120.0

160 43.5 35.0 52.6



#42

2,4,6-Tribromophenol

Concen: 97.450 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.006 min

Lab File: BF139203.D

Acq: 28 Aug 2024 12:09

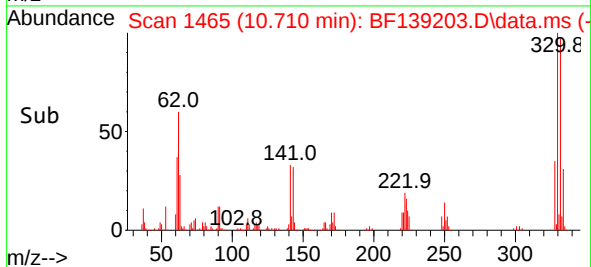
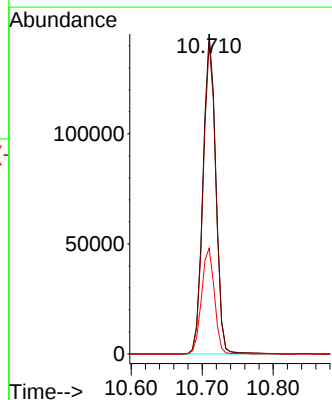
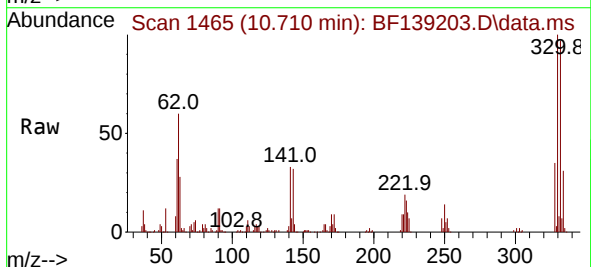
Tgt Ion:330 Resp: 182026

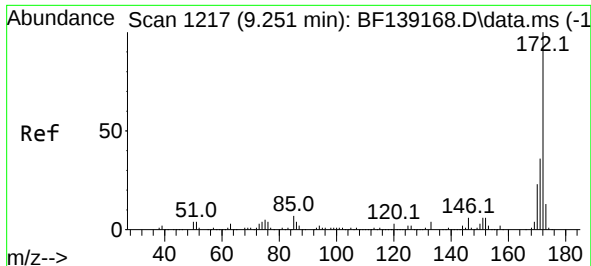
Ion Ratio Lower Upper

330 100

332 97.0 77.3 115.9

141 33.4 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 91.377 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139203.D

Acq: 28 Aug 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB163034BL

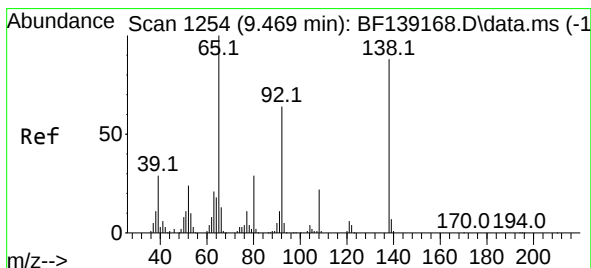
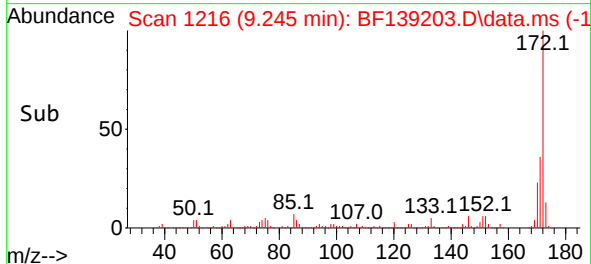
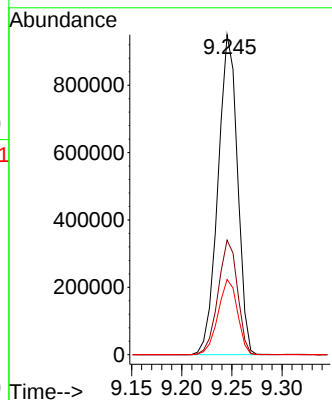
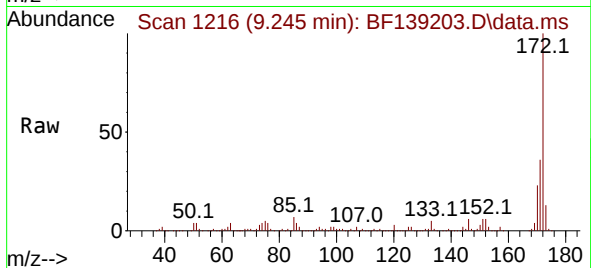
Tgt Ion:172 Resp: 1282964

Ion Ratio Lower Upper

172 100

171 35.8 28.6 42.8

170 23.5 18.8 28.2



#48

2-Nitroaniline

Concen: 6.373 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.224 min

Lab File: BF139203.D

Acq: 28 Aug 2024 12:09

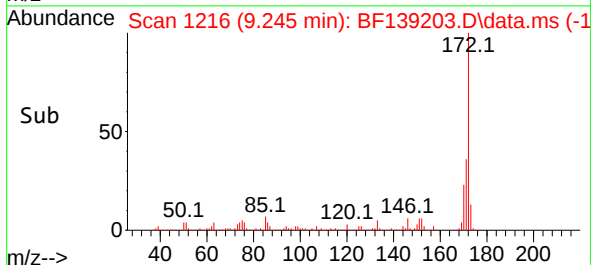
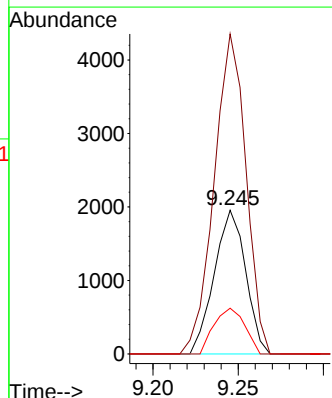
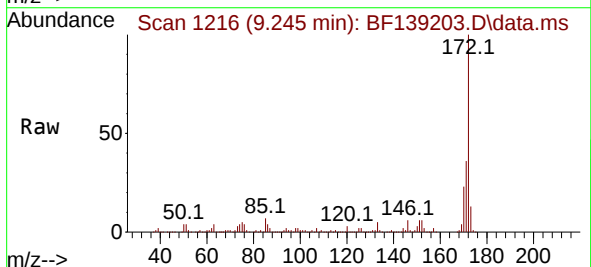
Tgt Ion: 65 Resp: 2505

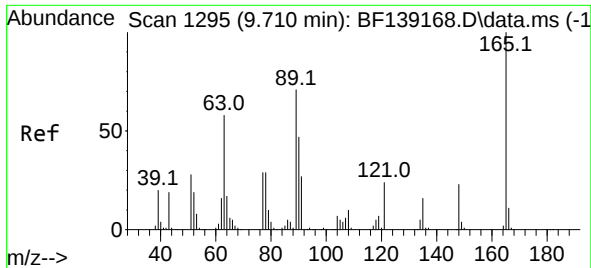
Ion Ratio Lower Upper

65 100

92 222.8 51.2 76.8#

138 31.8 70.0 105.0#

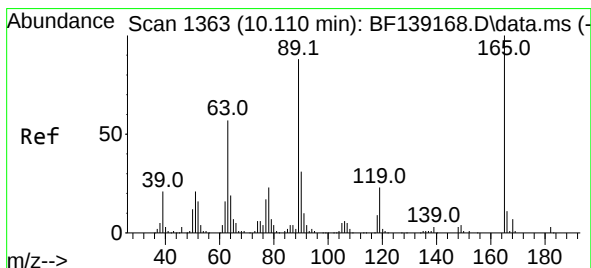
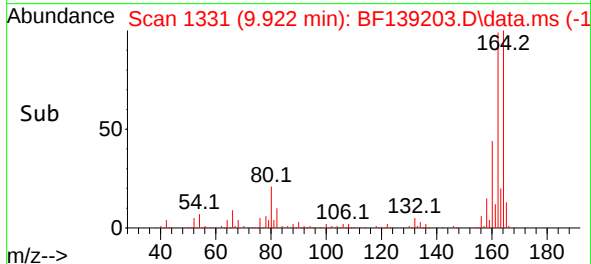
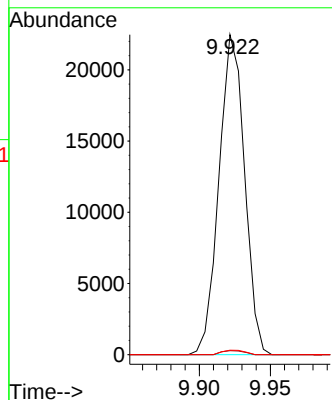
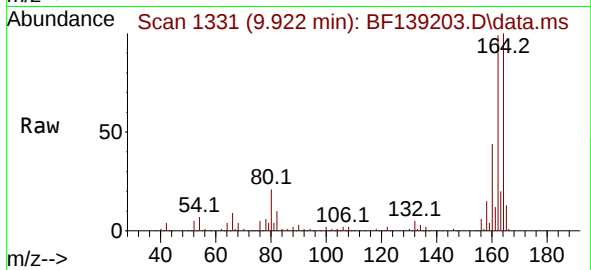




#51
2,6-Dinitrotoluene
Concen: 14.510 ng
RT: 9.922 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139203.D
Acq: 28 Aug 2024 12:09

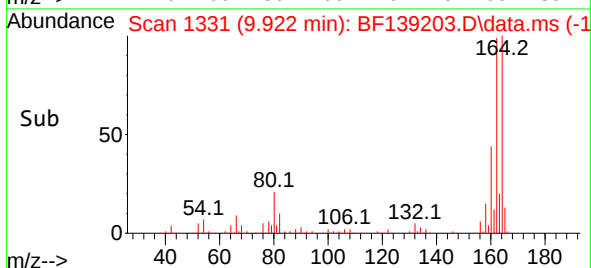
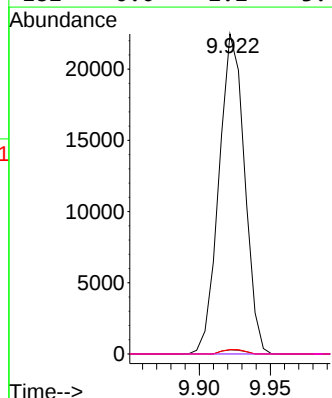
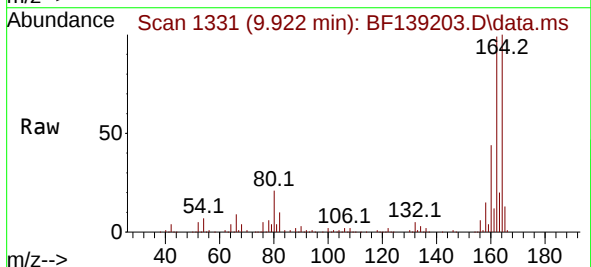
Instrument :
BNA_F
ClientSampleId :
PB163034BL

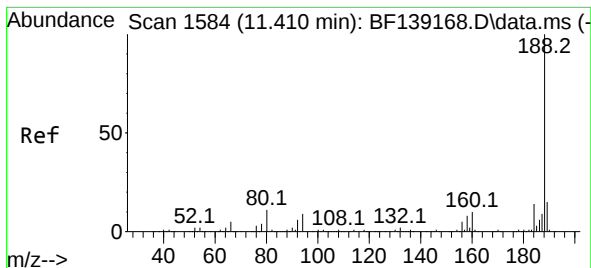
Tgt Ion:165 Resp: 28165
Ion Ratio Lower Upper
165 100
63 1.3 60.1 90.1#
89 1.4 57.0 85.6#



#57
2,4-Dinitrotoluene
Concen: 13.147 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.188 min
Lab File: BF139203.D
Acq: 28 Aug 2024 12:09

Tgt Ion:165 Resp: 28165
Ion Ratio Lower Upper
165 100
63 1.3 46.2 69.2#
89 1.4 70.2 105.4#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 11

Delta R.T. 0.000 min

Lab File: BF139203.D

Acq: 28 Aug 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB163034BL

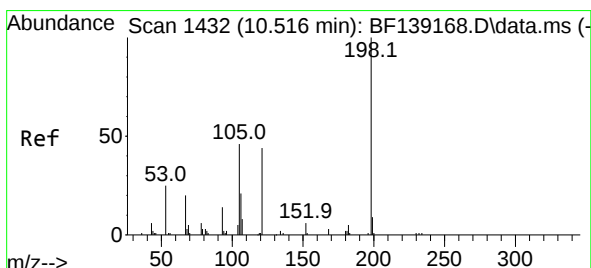
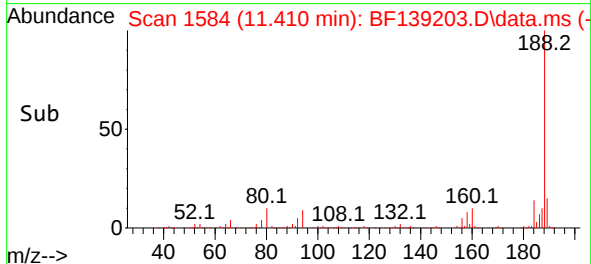
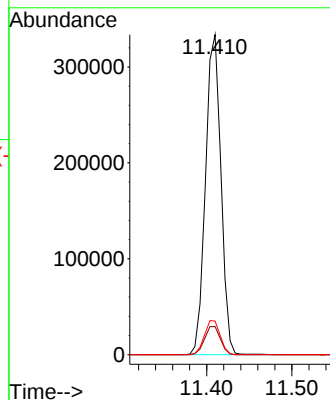
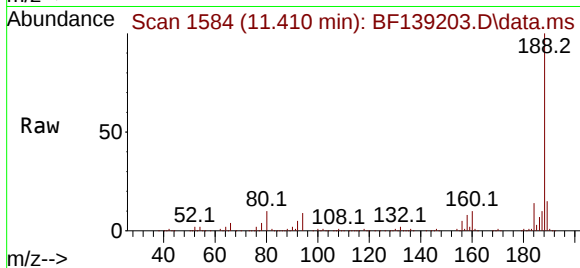
Tgt Ion:188 Resp: 419256

Ion Ratio Lower Upper

188 100

94 8.8 7.4 11.2

80 10.5 8.9 13.3



#65

4,6-Dinitro-2-methylphenol

Concen: 7.168 ng

RT: 10.710 min Scan# 1465

Delta R.T. 0.194 min

Lab File: BF139203.D

Acq: 28 Aug 2024 12:09

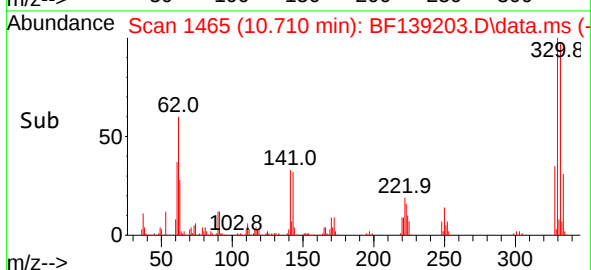
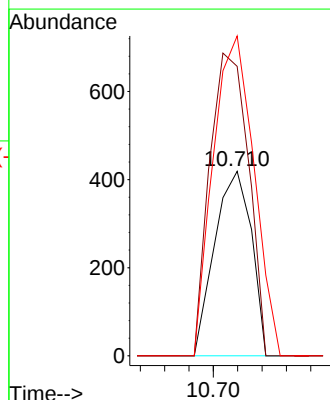
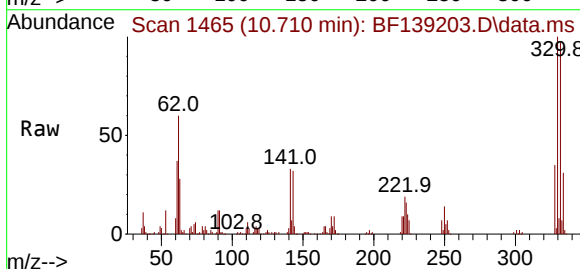
Tgt Ion:198 Resp: 439

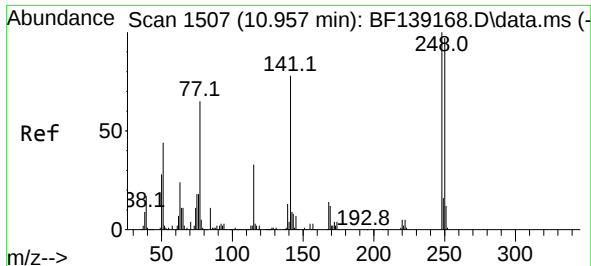
Ion Ratio Lower Upper

198 100

51 156.8 39.2 79.2#

105 173.3 29.3 69.3#

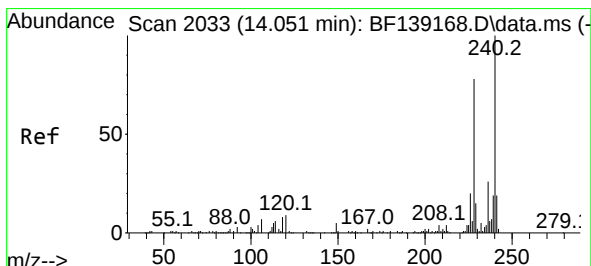
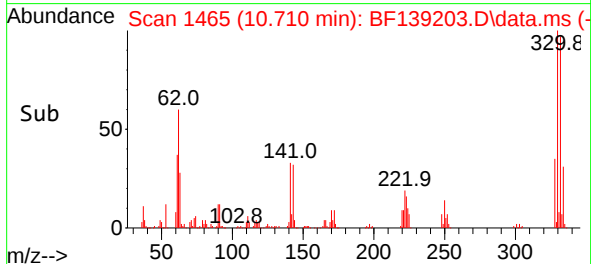
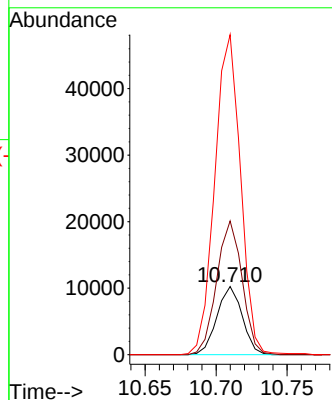
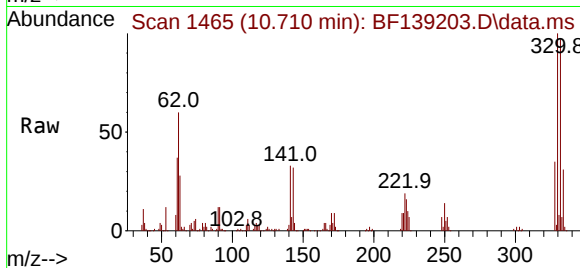




#67
4-Bromophenyl-phenylether
Concen: 2.850 ng
RT: 10.710 min Scan# 14
Delta R.T. -0.247 min
Lab File: BF139203.D
Acq: 28 Aug 2024 12:09

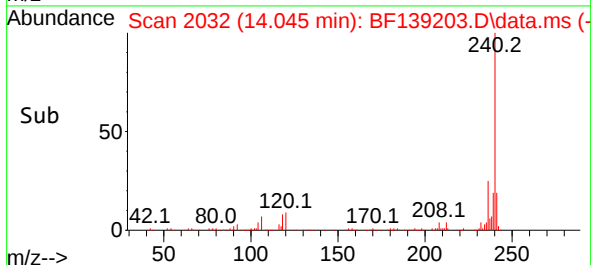
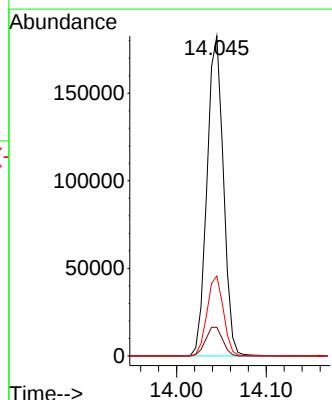
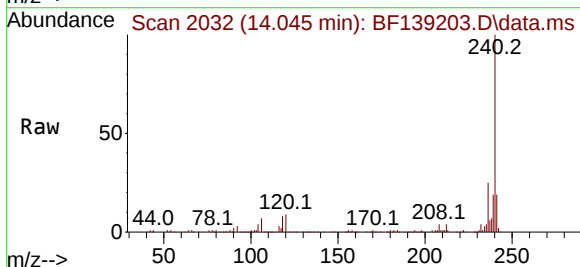
Instrument :
BNA_F
ClientSampleId :
PB163034BL

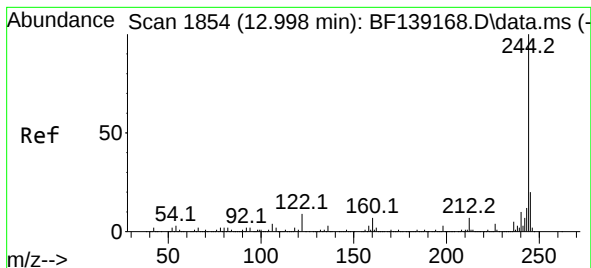
Tgt Ion:248 Resp: 12694
Ion Ratio Lower Upper
248 100
250 196.2 78.0 117.0#
141 469.4 62.6 94.0#



#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.045 min Scan# 2032
Delta R.T. -0.006 min
Lab File: BF139203.D
Acq: 28 Aug 2024 12:09

Tgt Ion:240 Resp: 231629
Ion Ratio Lower Upper
240 100
120 9.0 6.9 10.3
236 25.0 20.9 31.3





#79

Terphenyl-d14

Concen: 99.291 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.000 min

Lab File: BF139203.D

Acq: 28 Aug 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB163034BL

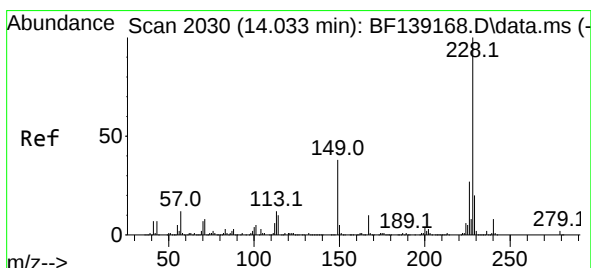
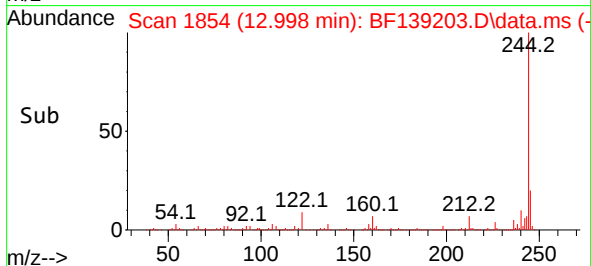
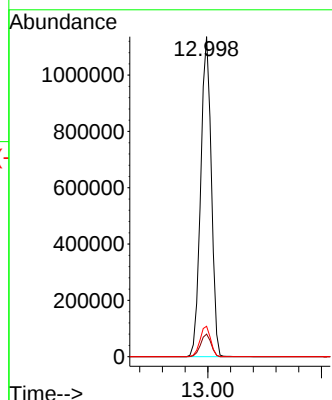
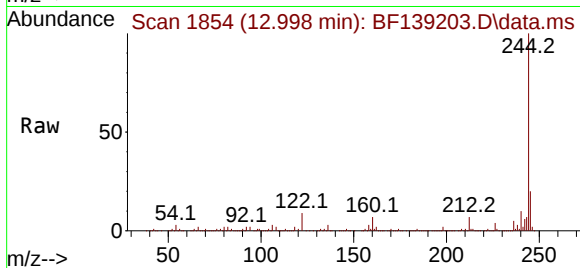
Tgt Ion:244 Resp: 1473962

Ion Ratio Lower Upper

244 100

212 7.0 5.8 8.6

122 9.5 7.6 11.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.161 ng

RT: 14.033 min Scan# 2030

Delta R.T. 0.000 min

Lab File: BF139203.D

Acq: 28 Aug 2024 12:09

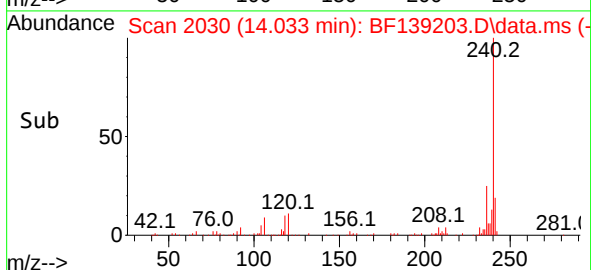
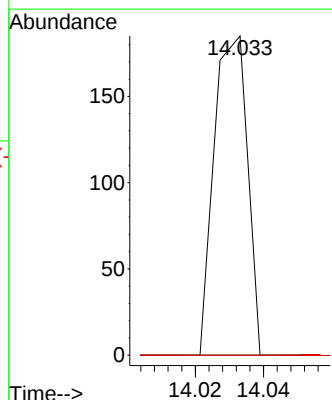
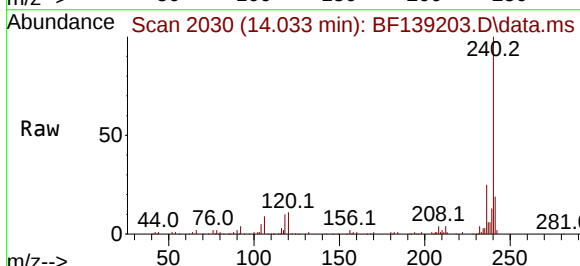
Tgt Ion:149 Resp: 126

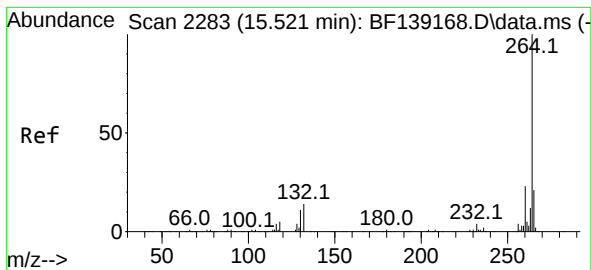
Ion Ratio Lower Upper

149 100

167 0.0 21.3 31.9#

279 0.0 3.4 5.0#





#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 21

Delta R.T. -0.006 min

Lab File: BF139203.D

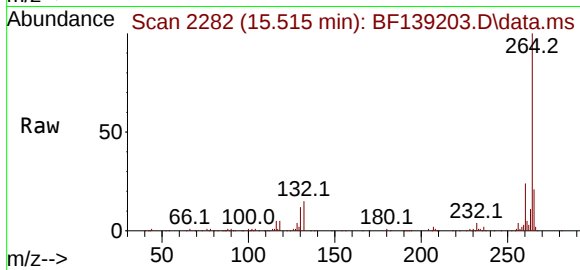
Acq: 28 Aug 2024 12:09

Instrument :

BNA_F

ClientSampleId :

PB163034BL



Tgt Ion:264 Resp: 168770

Ion Ratio Lower Upper

264 100

260 23.6 18.3 27.5

265 21.1 17.0 25.6

