

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
 Data File : BF139180.D
 Acq On : 27 Aug 2024 11:46
 Operator : RC/JU
 Sample : P3717-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP-1

Quant Time: Aug 27 12:29:44 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)

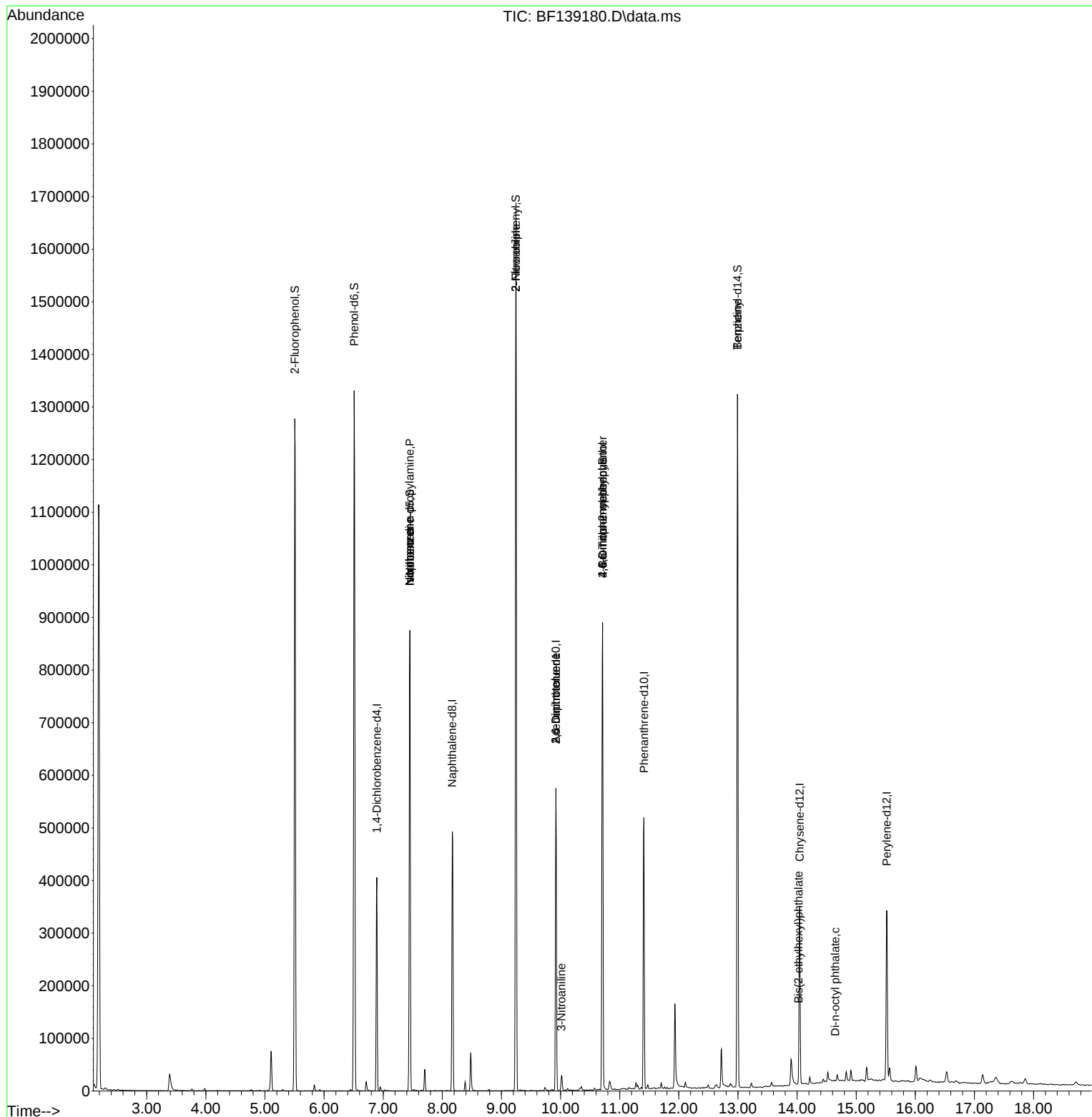
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.892	152	79113	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	288954	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	160976	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	265358	20.000	ng	0.00
76) Chrysene-d12	14.045	240	158556	20.000	ng	0.00
86) Perylene-d12	15.515	264	185583	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.504	112	439021	93.248	ng	0.00
7) Phenol-d6	6.510	99	586829	90.820	ng	-0.01
23) Nitrobenzene-d5	7.451	82	385762	73.961	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	134963	97.893	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	679969	65.614	ng	0.00
79) Terphenyl-d14	12.992	244	618009	60.817	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.451	70	52605	13.612	ng	# 79
24) Nitrobenzene	7.451	77	1340	3.461	ng	# 41
25) Isophorone	7.451	82	385224	37.348	ng	# 68
48) 2-Nitroaniline	9.245	65	1407	6.231	ng	# 1
51) 2,6-Dinitrotoluene	9.922	165	20794	14.512	ng	# 15
53) 3-Nitroaniline	10.016	138	323	4.581	ng	# 1
57) 2,4-Dinitrotoluene	9.922	165	20794	13.149	ng	# 15
65) 4,6-Dinitro-2-methylph...	10.710	198	252	7.139	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	9902	3.512	ng	# 1
77) Benzidine	12.992	184	8545	3.194	ng	# 93
84) Bis(2-ethylhexyl)phtha...	14.027	149	2319	3.951	ng	# 94
85) Di-n-octyl phthalate	14.645	149	999	9.068	ng	# 72

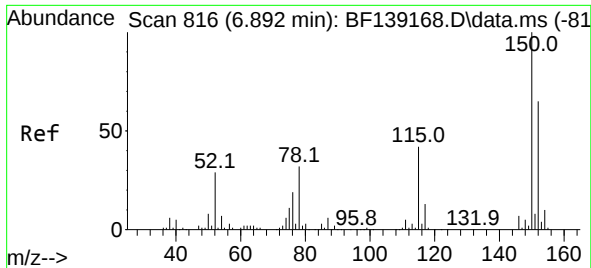
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF082724\
Data File : BF139180.D
Acq On : 27 Aug 2024 11:46
Operator : RC/JU
Sample : P3717-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP-1

Quant Time: Aug 27 12:29:44 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

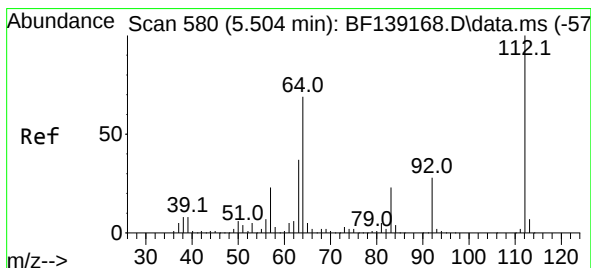
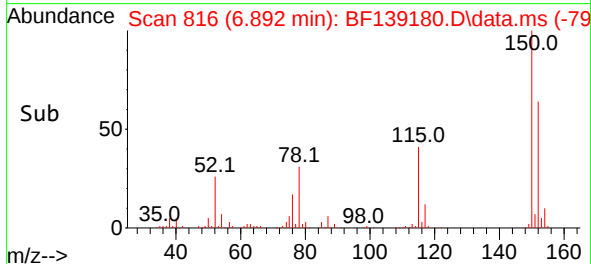
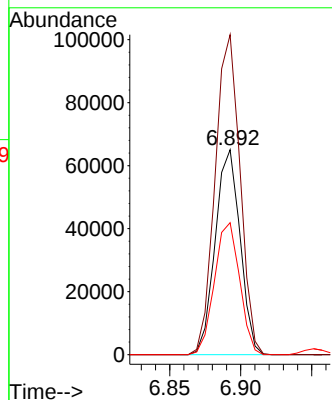
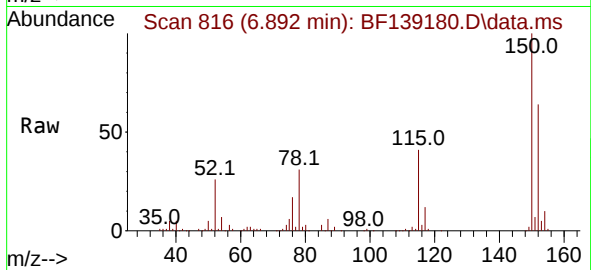




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.892 min Scan# 816
Delta R.T. 0.000 min
Lab File: BF139180.D
Acq: 27 Aug 2024 11:46

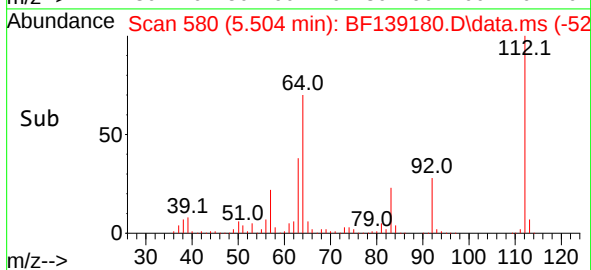
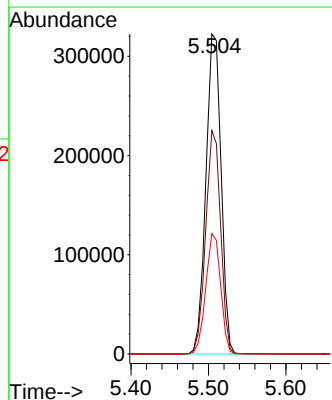
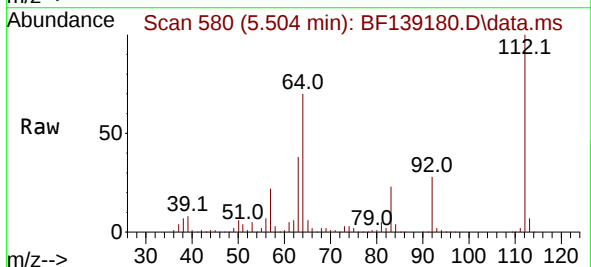
Instrument :
BNA_F
ClientSampleId :
TP-1

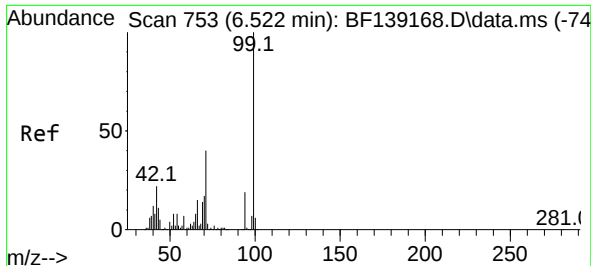
Tgt Ion:152 Resp: 79113
Ion Ratio Lower Upper
152 100
150 156.2 123.7 185.5
115 64.4 51.8 77.8



#5
2-Fluorophenol
Concen: 93.248 ng
RT: 5.504 min Scan# 580
Delta R.T. 0.000 min
Lab File: BF139180.D
Acq: 27 Aug 2024 11:46

Tgt Ion:112 Resp: 439021
Ion Ratio Lower Upper
112 100
64 69.8 55.5 83.3
63 37.6 29.8 44.6



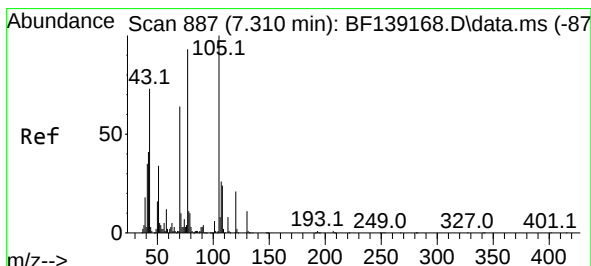
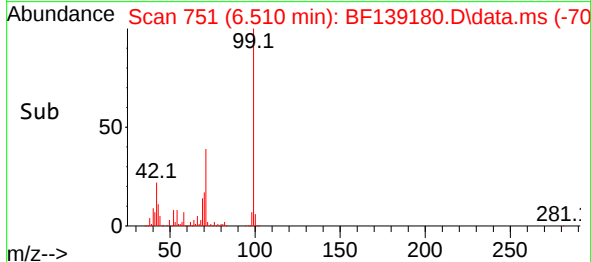
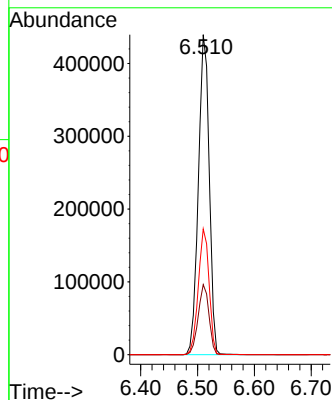
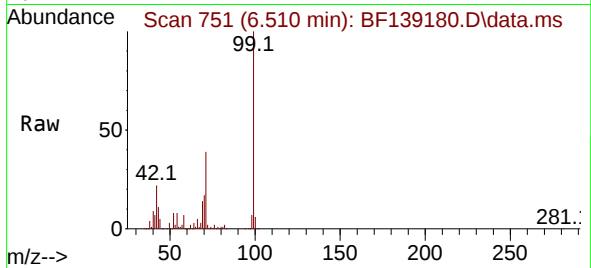


#7
Phenol-d6
Concen: 90.820 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF139180.D
Acq: 27 Aug 2024 11:46

Instrument :
BNA_F
ClientSampleId :
TP-1

Tgt Ion: 99 Resp: 586829

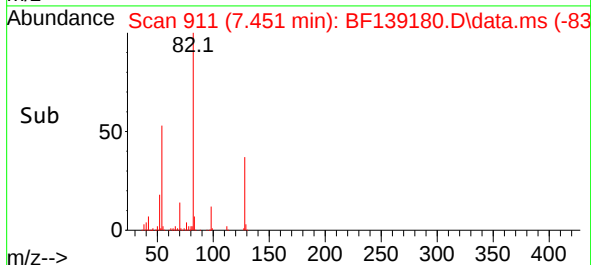
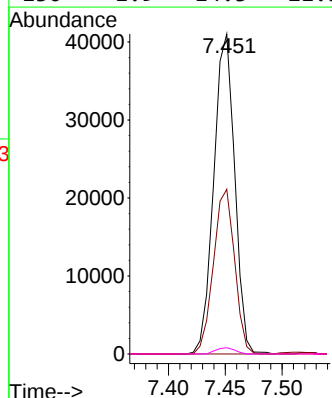
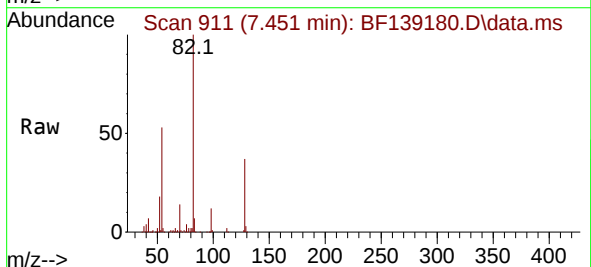
Ion	Ratio	Lower	Upper
99	100		
42	21.9	17.9	26.9
71	39.3	31.7	47.5

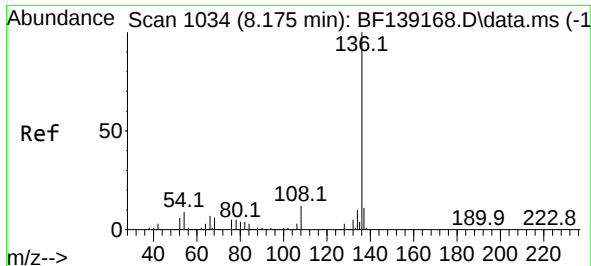


#19
n-Nitroso-di-n-propylamine
Concen: 13.612 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.141 min
Lab File: BF139180.D
Acq: 27 Aug 2024 11:46

Tgt Ion: 70 Resp: 52605

Ion	Ratio	Lower	Upper
70	100		
42	51.5	50.8	76.2
101	0.0	7.4	11.0#
130	1.9	14.3	21.5#

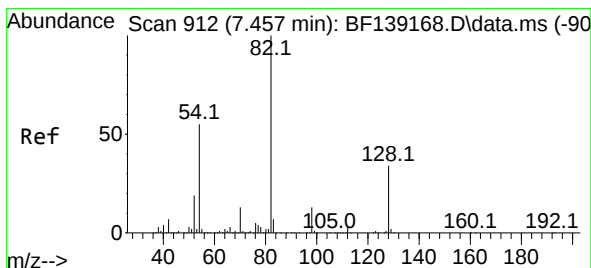
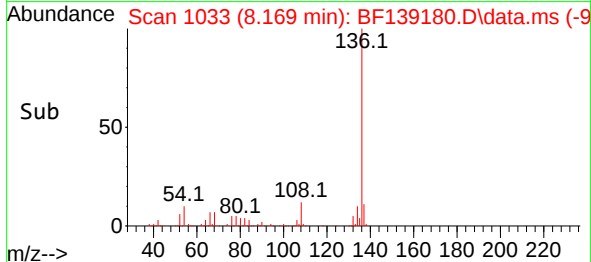
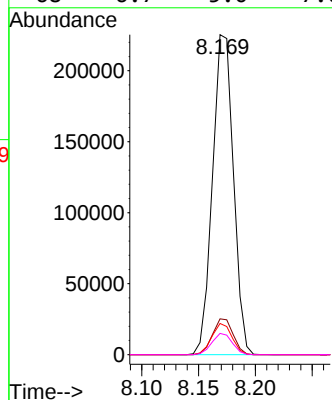
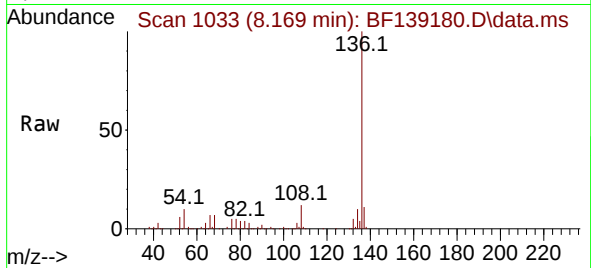




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139180.D
Acq: 27 Aug 2024 11:46

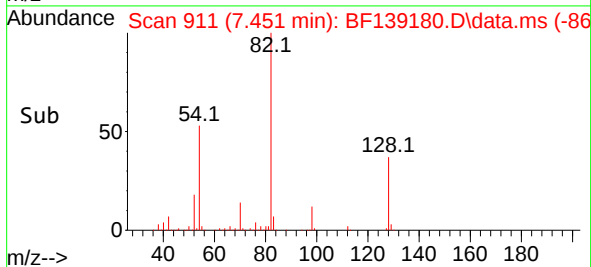
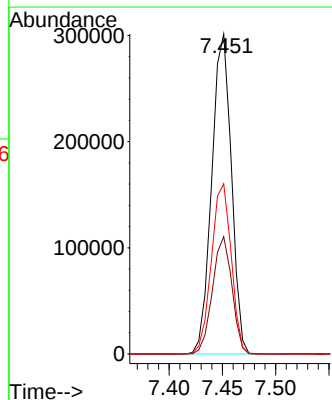
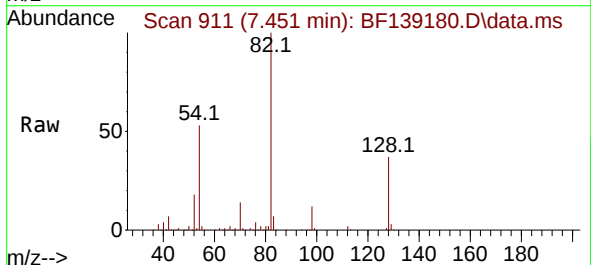
Instrument :
BNA_F
ClientSampleId :
TP-1

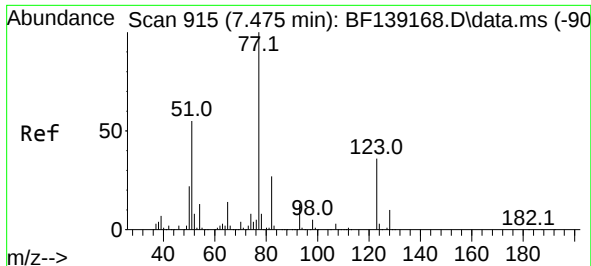
Tgt Ion:	136	Resp:	288954
Ion Ratio	Lower	Upper	
136	100		
137	11.2	8.6	12.8
54	9.7	7.6	11.4
68	6.7	5.0	7.6



#23
Nitrobenzene-d5
Concen: 73.961 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.006 min
Lab File: BF139180.D
Acq: 27 Aug 2024 11:46

Tgt Ion:	82	Resp:	385762
Ion Ratio	Lower	Upper	
82	100		
128	36.7	27.1	40.7
54	53.2	44.2	66.4

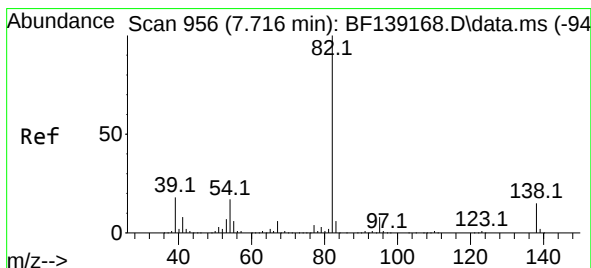
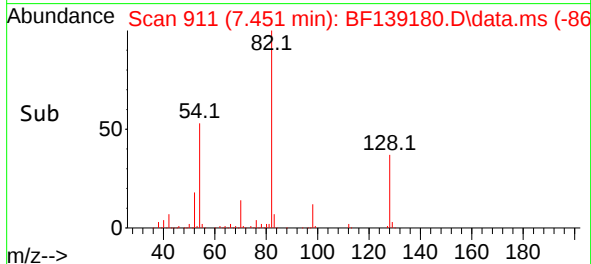
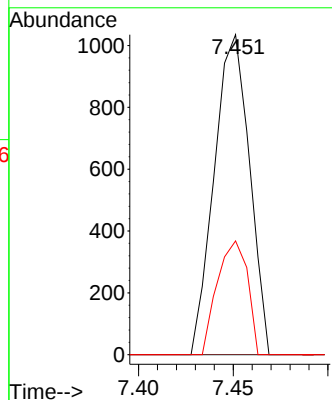
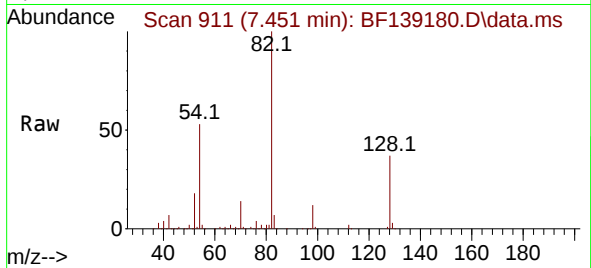




#24
Nitrobenzene
Concen: 3.461 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.024 min
Lab File: BF139180.D
Acq: 27 Aug 2024 11:46

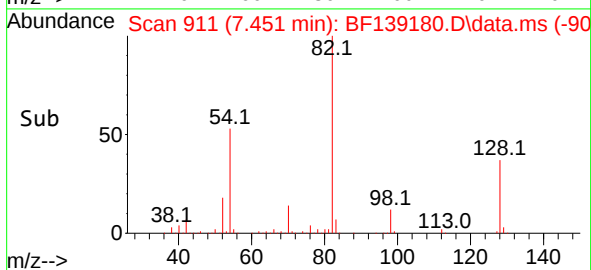
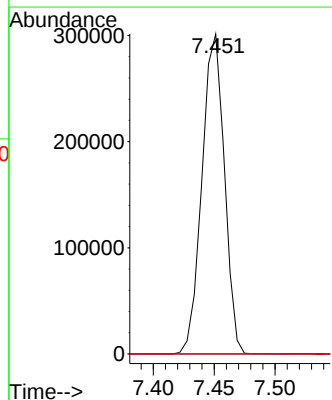
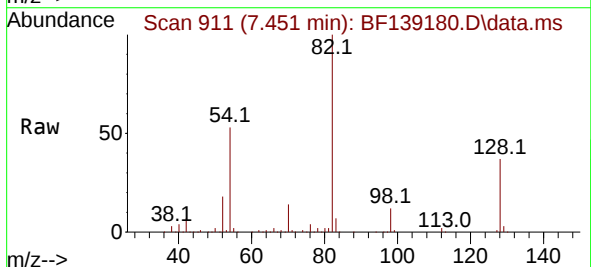
Instrument :
BNA_F
ClientSampleId :
TP-1

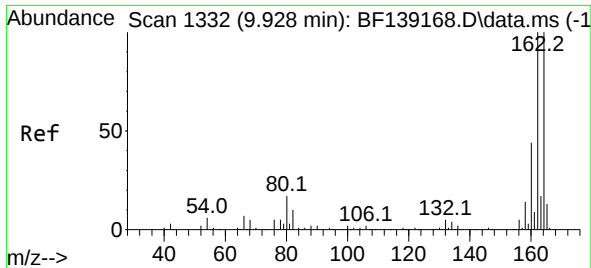
Tgt Ion: 77 Resp: 1340
Ion Ratio Lower Upper
77 100
123 0.0 28.7 43.1#
65 35.6 10.9 16.3#



#25
Isophorone
Concen: 37.348 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.265 min
Lab File: BF139180.D
Acq: 27 Aug 2024 11:46

Tgt Ion: 82 Resp: 385224
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 12.2 18.4#

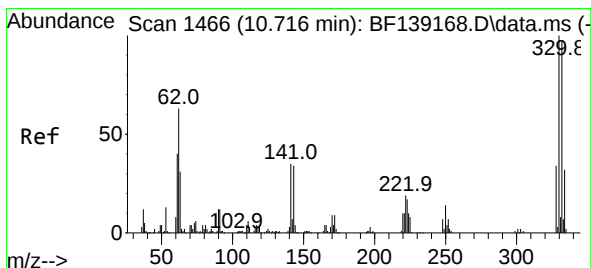
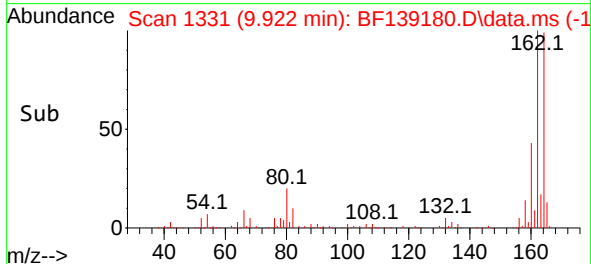
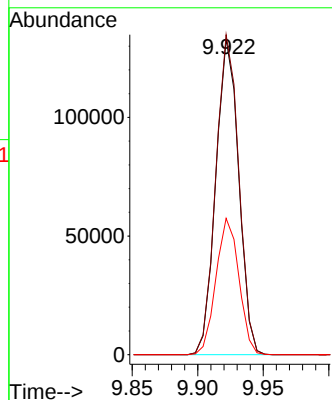
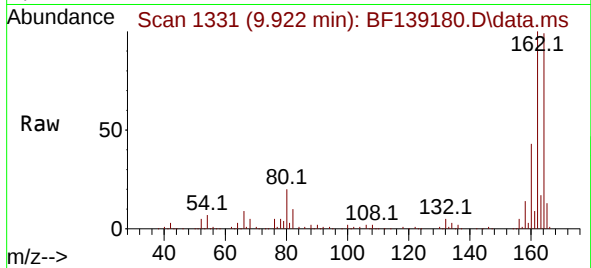




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139180.D
Acq: 27 Aug 2024 11:46

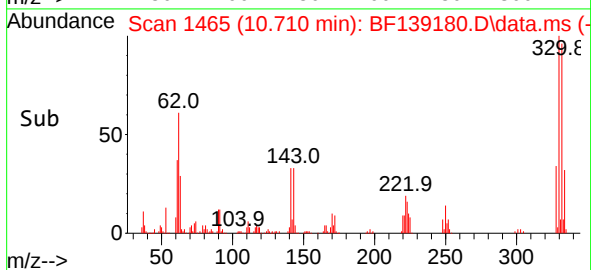
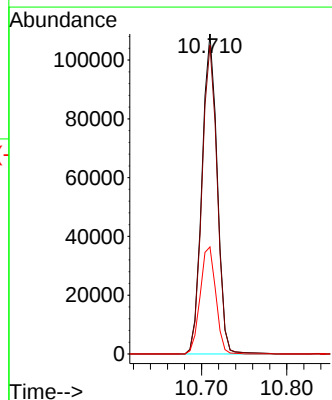
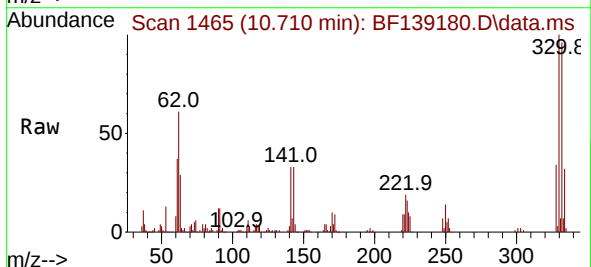
Instrument :
BNA_F
ClientSampleId :
TP-1

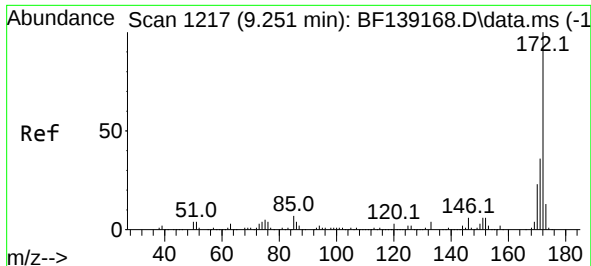
Tgt Ion:164 Resp: 160976
Ion Ratio Lower Upper
164 100
162 101.3 80.0 120.0
160 43.2 35.0 52.6



#42
2,4,6-Tribromophenol
Concen: 97.893 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139180.D
Acq: 27 Aug 2024 11:46

Tgt Ion:330 Resp: 134963
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 34.2 28.8 43.2





#45

2-Fluorobiphenyl

Concen: 65.614 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139180.D

Acq: 27 Aug 2024 11:46

Instrument :

BNA_F

ClientSampleId :

TP-1

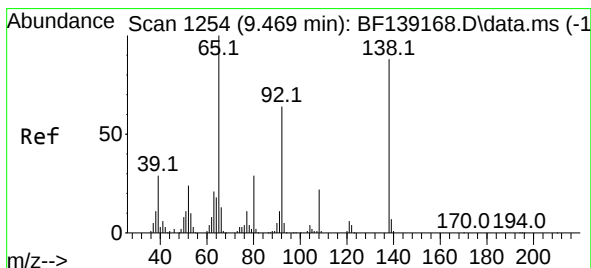
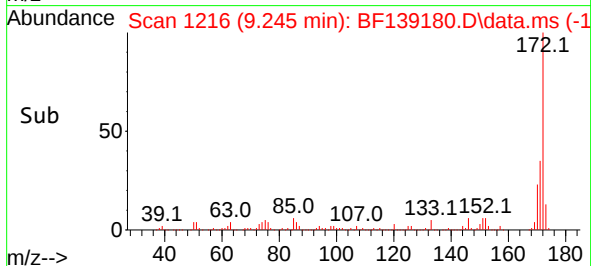
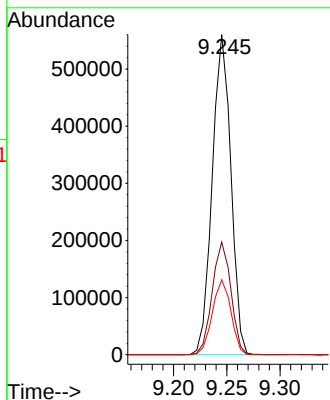
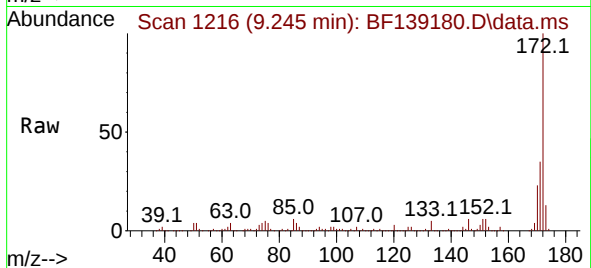
Tgt Ion:172 Resp: 679969

Ion Ratio Lower Upper

172 100

171 35.2 28.6 42.8

170 23.4 18.8 28.2



#48

2-Nitroaniline

Concen: 6.231 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.224 min

Lab File: BF139180.D

Acq: 27 Aug 2024 11:46

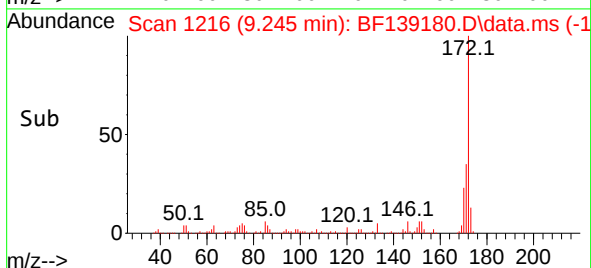
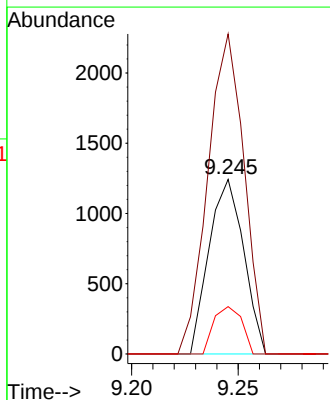
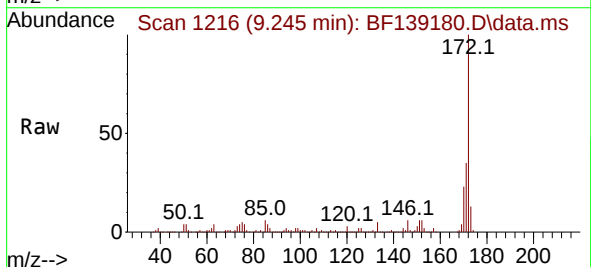
Tgt Ion: 65 Resp: 1407

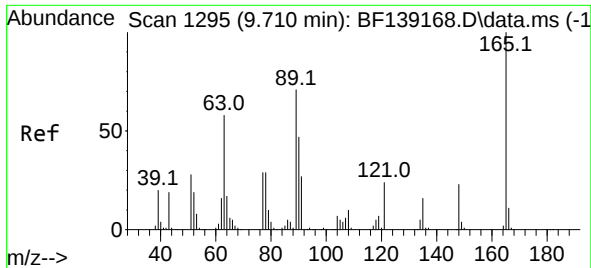
Ion Ratio Lower Upper

65 100

92 183.3 51.2 76.8#

138 27.2 70.0 105.0#





#51

2,6-Dinitrotoluene

Concen: 14.512 ng

RT: 9.922 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139180.D

Acq: 27 Aug 2024 11:46

Instrument :

BNA_F

ClientSampleId :

TP-1

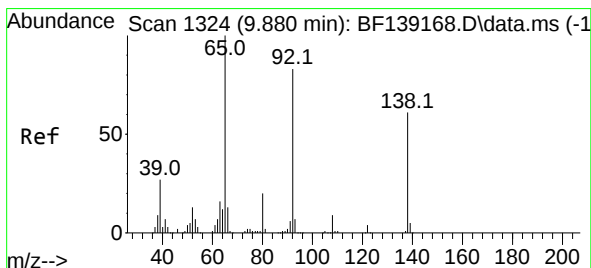
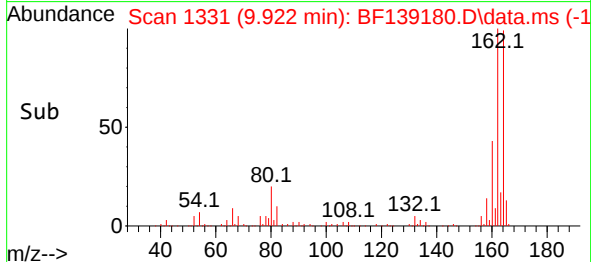
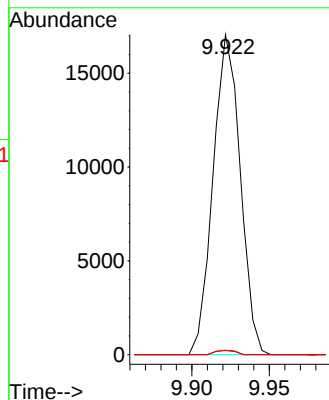
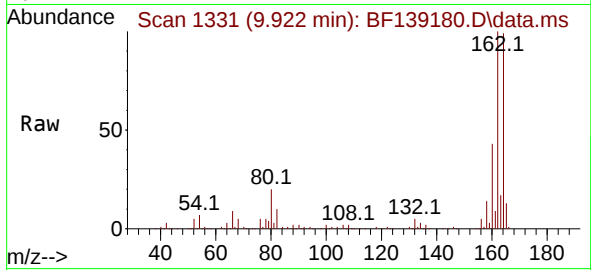
Tgt Ion:165 Resp: 20794

Ion Ratio Lower Upper

165 100

63 1.3 60.1 90.1#

89 1.4 57.0 85.6#



#53

3-Nitroaniline

Concen: 4.581 ng

RT: 10.016 min Scan# 1347

Delta R.T. 0.136 min

Lab File: BF139180.D

Acq: 27 Aug 2024 11:46

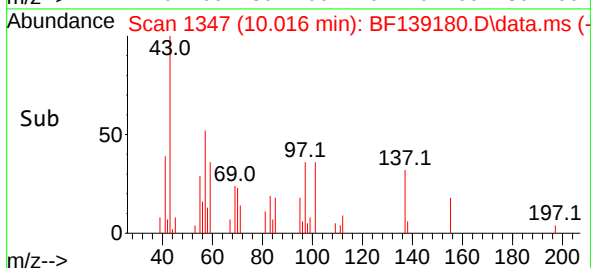
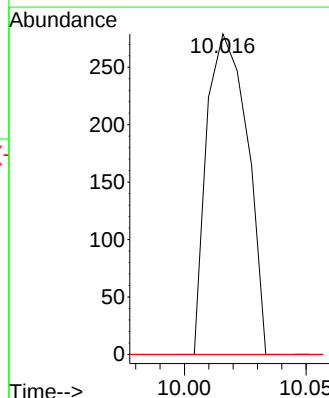
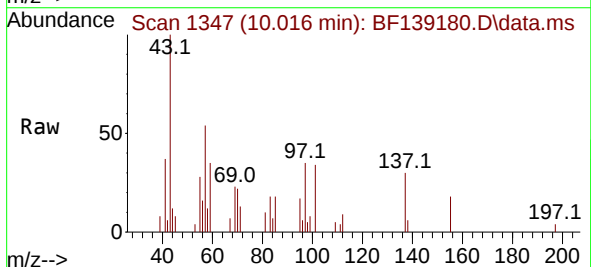
Tgt Ion:138 Resp: 323

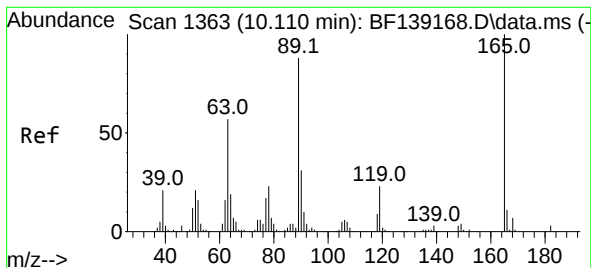
Ion Ratio Lower Upper

138 100

108 0.0 11.8 17.6#

92 0.0 108.2 162.2#





#57

2,4-Dinitrotoluene

Concen: 13.149 ng

RT: 9.922 min Scan# 1

Delta R.T. -0.188 min

Lab File: BF139180.D

Acq: 27 Aug 2024 11:46

Instrument :

BNA_F

ClientSampleId :

TP-1

Tgt Ion:165 Resp: 20794

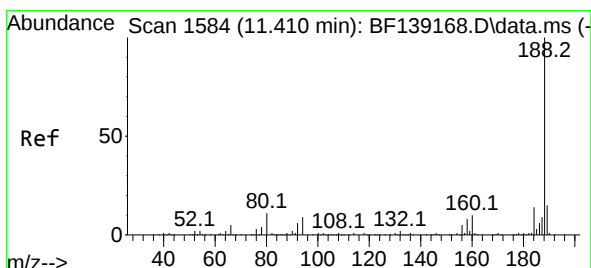
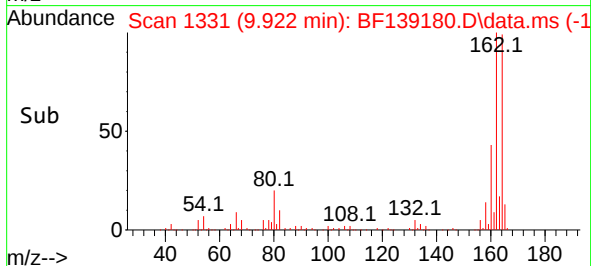
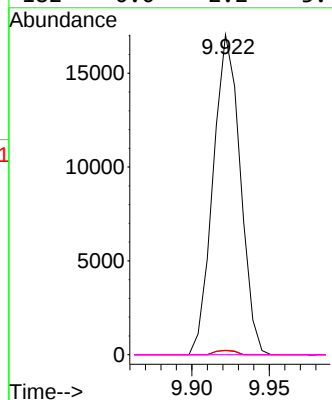
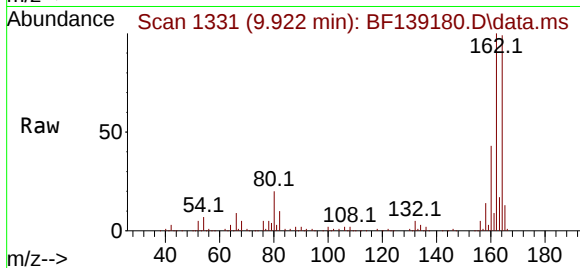
Ion Ratio Lower Upper

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# 1584

Delta R.T. 0.000 min

Lab File: BF139180.D

Acq: 27 Aug 2024 11:46

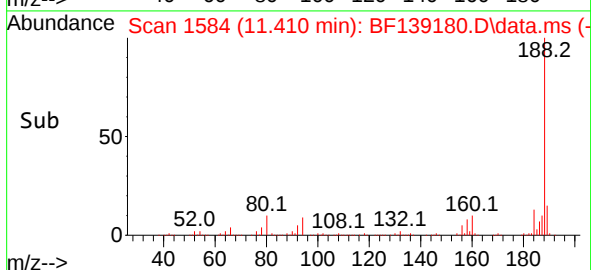
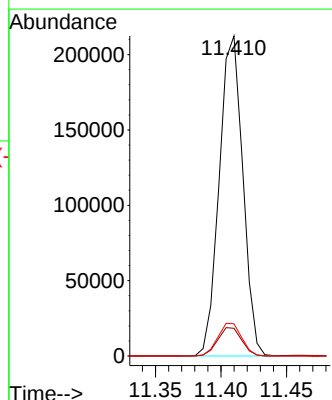
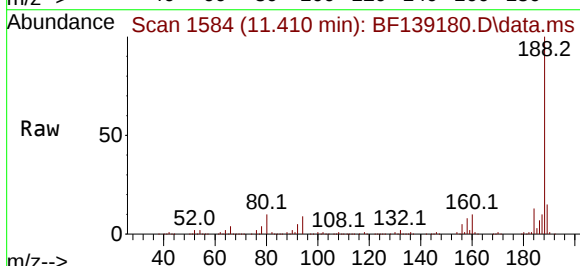
Tgt Ion:188 Resp: 265358

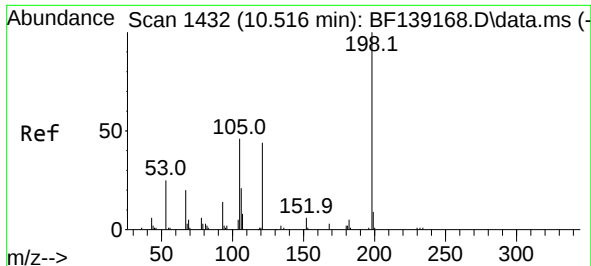
Ion Ratio Lower Upper

188 100

94 8.6 7.4 11.2

80 10.0 8.9 13.3

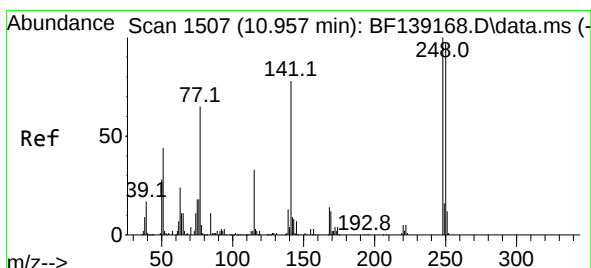
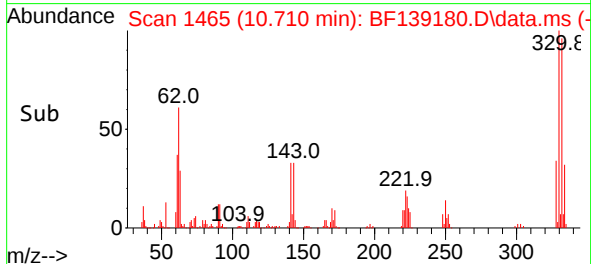
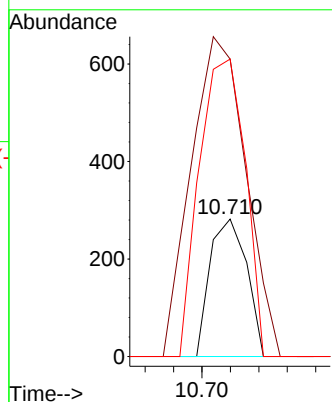
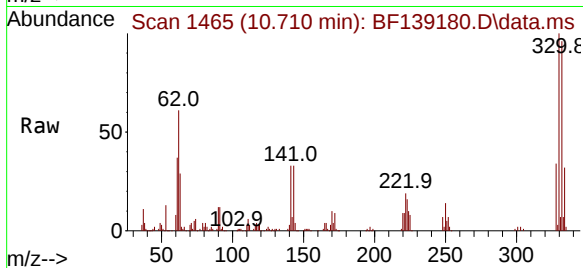




#65
4,6-Dinitro-2-methylphenol
Concen: 7.139 ng
RT: 10.710 min Scan# 1465
Delta R.T. 0.194 min
Lab File: BF139180.D
Acq: 27 Aug 2024 11:46

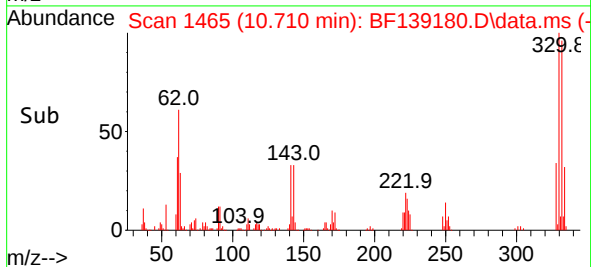
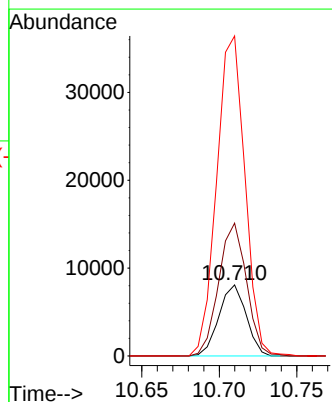
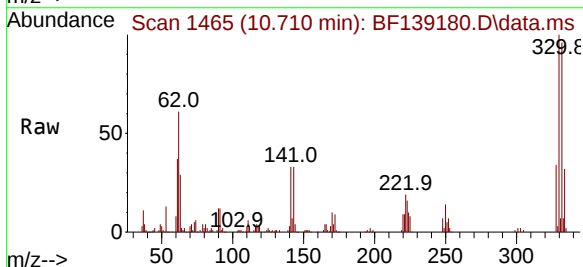
Instrument :
BNA_F
ClientSampleId :
TP-1

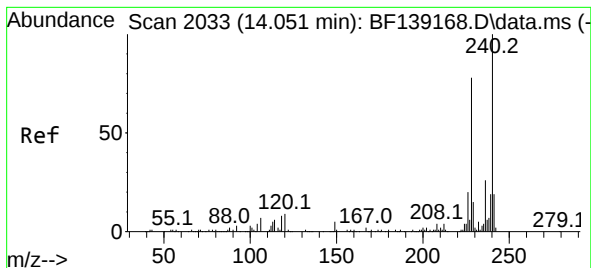
Tgt Ion:198 Resp: 252
Ion Ratio Lower Upper
198 100
51 216.3 39.2 79.2#
105 216.3 29.3 69.3#



#67
4-Bromophenyl-phenylether
Concen: 3.512 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.247 min
Lab File: BF139180.D
Acq: 27 Aug 2024 11:46

Tgt Ion:248 Resp: 9902
Ion Ratio Lower Upper
248 100
250 186.9 78.0 117.0#
141 450.5 62.6 94.0#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2033

Delta R.T. -0.006 min

Lab File: BF139180.D

Acq: 27 Aug 2024 11:46

Instrument :

BNA_F

ClientSampleId :

TP-1

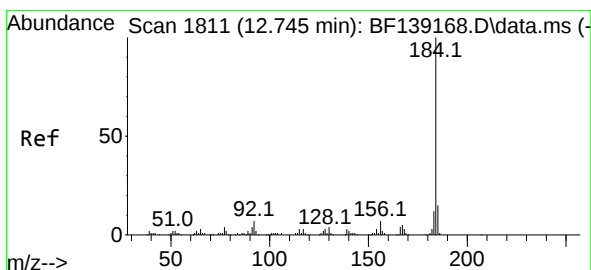
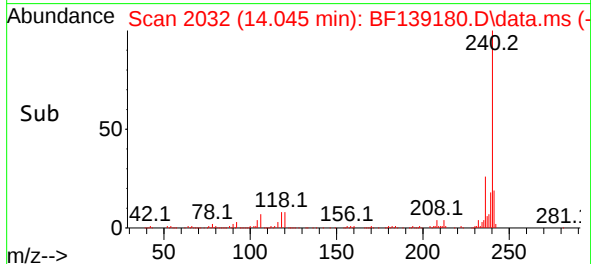
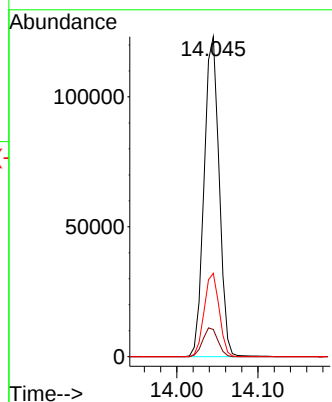
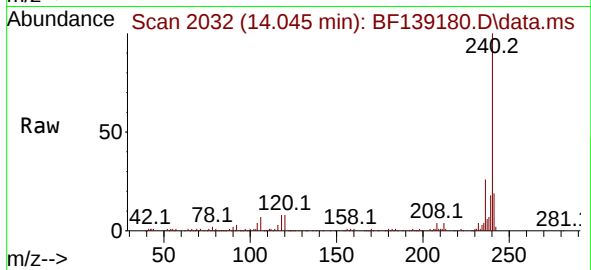
Tgt Ion:240 Resp: 158556

Ion Ratio Lower Upper

240 100

120 8.5 6.9 10.3

236 26.1 20.9 31.3



#77

Benzidine

Concen: 3.194 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.247 min

Lab File: BF139180.D

Acq: 27 Aug 2024 11:46

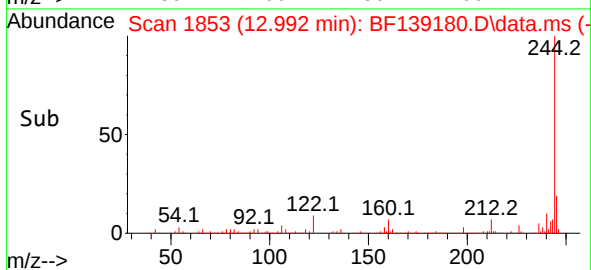
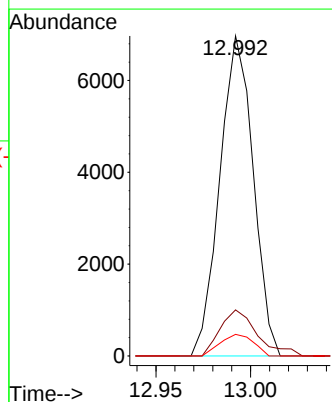
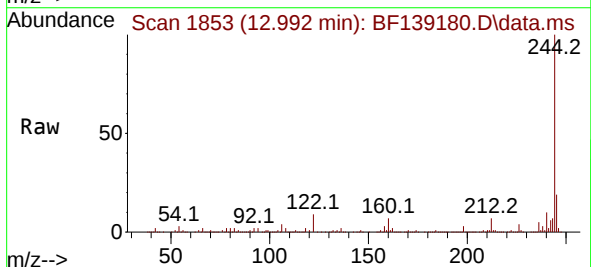
Tgt Ion:184 Resp: 8545

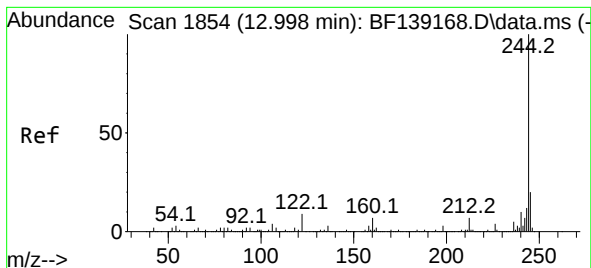
Ion Ratio Lower Upper

184 100

185 14.4 12.1 18.1

183 6.8 9.4 14.0#





#79

Terphenyl-d14

Concen: 60.817 ng

RT: 12.992 min Scan# 1853

Delta R.T. -0.006 min

Lab File: BF139180.D

Acq: 27 Aug 2024 11:46

Instrument :

BNA_F

ClientSampleId :

TP-1

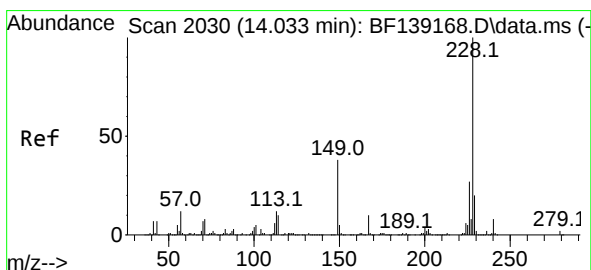
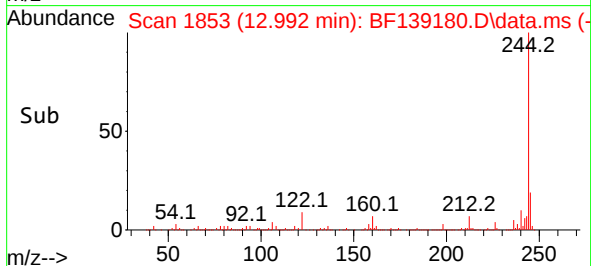
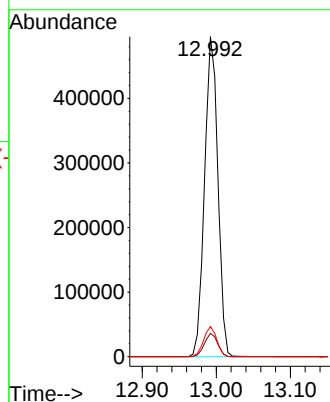
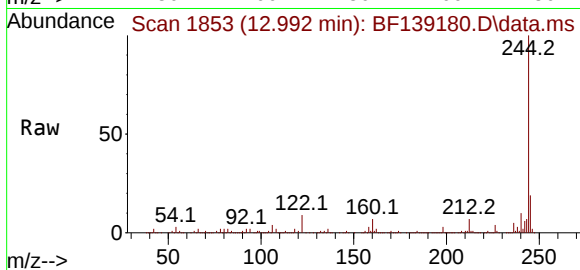
Tgt Ion:244 Resp: 618009

Ion Ratio Lower Upper

244 100

212 7.3 5.8 8.6

122 9.4 7.6 11.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 3.951 ng

RT: 14.027 min Scan# 2029

Delta R.T. -0.006 min

Lab File: BF139180.D

Acq: 27 Aug 2024 11:46

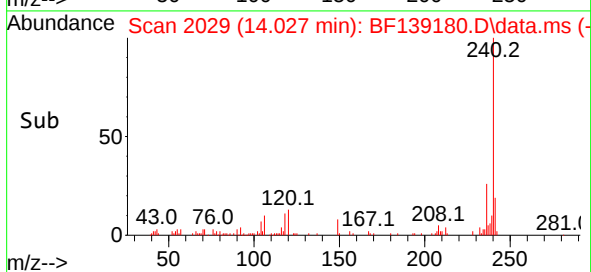
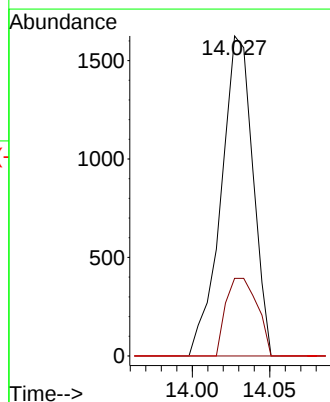
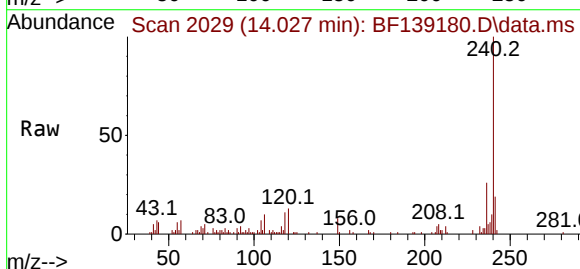
Tgt Ion:149 Resp: 2319

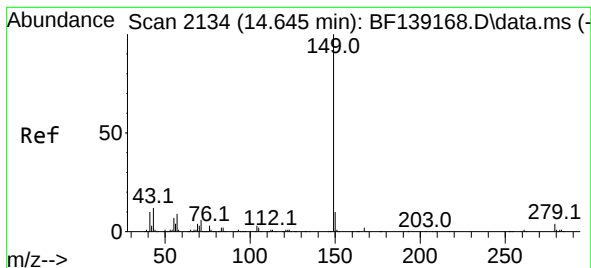
Ion Ratio Lower Upper

149 100

167 24.2 21.3 31.9

279 0.0 3.4 5.0#





#85

Di-n-octyl phthalate

Concen: 9.068 ng

RT: 14.645 min Scan# 2134

Delta R.T. -0.000 min

Lab File: BF139180.D

Acq: 27 Aug 2024 11:46

Instrument :

BNA_F

ClientSampleId :

TP-1

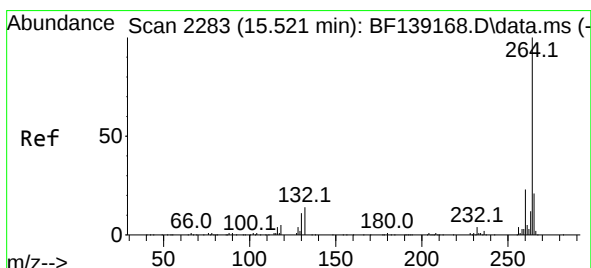
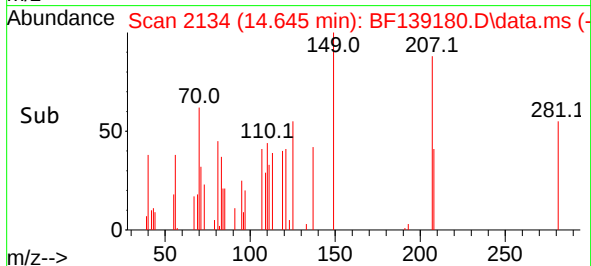
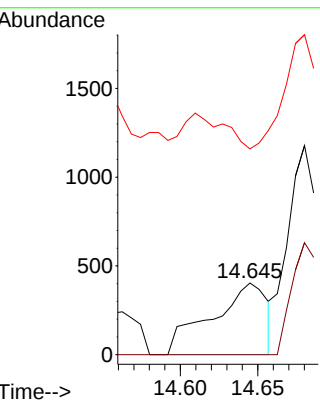
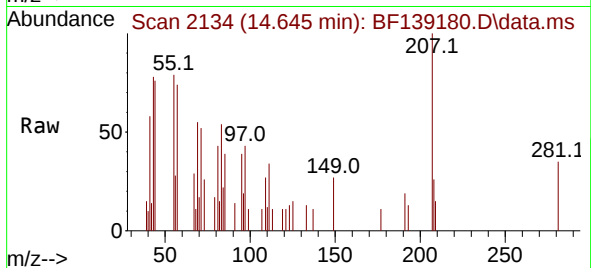
Tgt Ion:149 Resp: 999

Ion Ratio Lower Upper

149 100

167 0.0 1.3 1.9#

43 0.0 9.9 14.9#



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.515 min Scan# 2282

Delta R.T. -0.006 min

Lab File: BF139180.D

Acq: 27 Aug 2024 11:46

Tgt Ion:264 Resp: 185583

Ion Ratio Lower Upper

264 100

260 23.9 18.3 27.5

265 21.9 17.0 25.6

