

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
 Data File : BF139816.D
 Acq On : 15 Oct 2024 17:05
 Operator : RC/JU
 Sample : PB164096TB
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB164096TB

Quant Time: Oct 15 17:34:11 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Oct 15 16:41:54 2024
 Response via : Initial Calibration

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

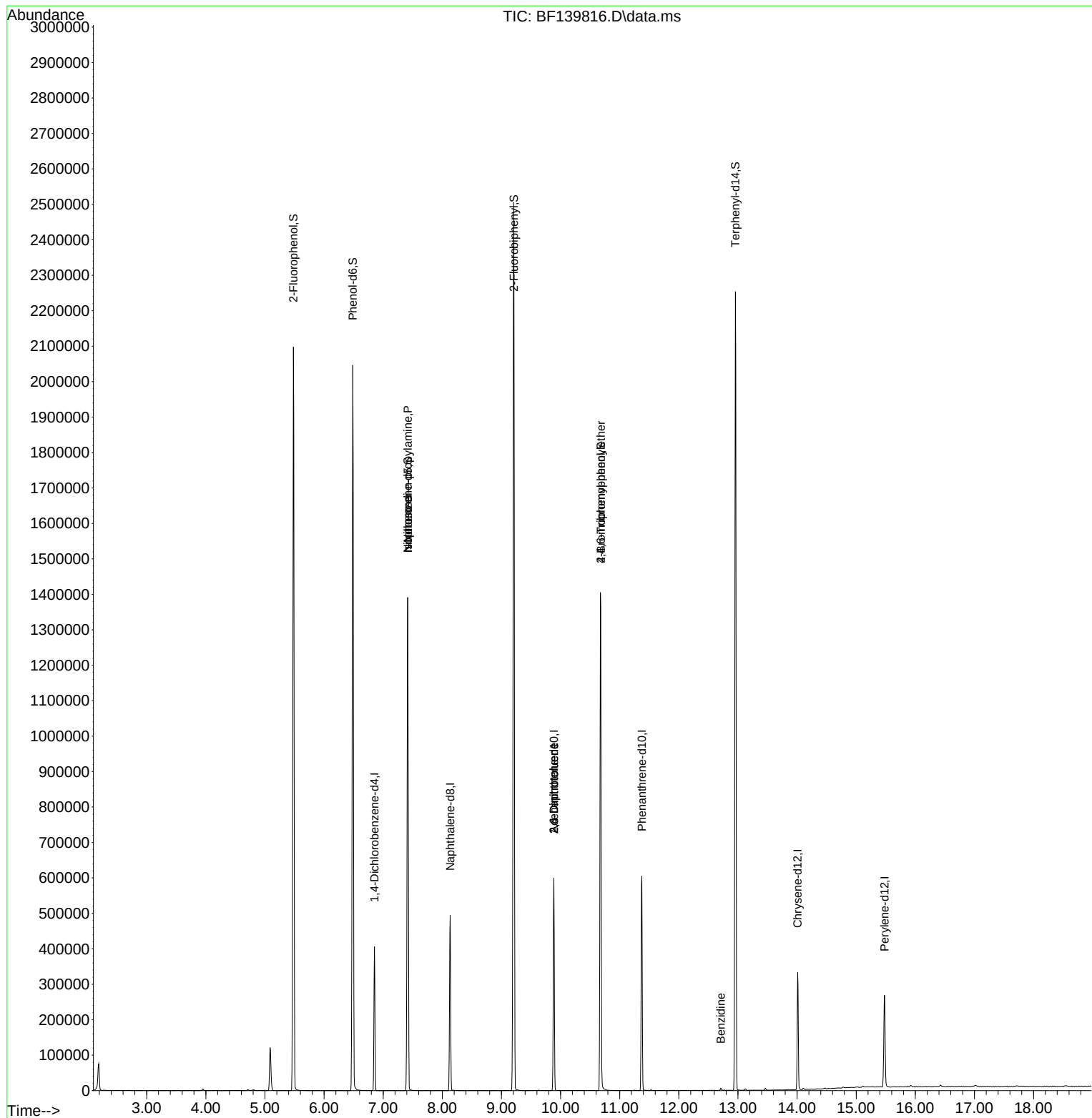
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.851	152	81741	20.000	ng	0.00
21) Naphthalene-d8	8.133	136	314147	20.000	ng	0.00
39) Acenaphthene-d10	9.886	164	176355	20.000	ng	0.00
64) Phenanthrene-d10	11.374	188	327446	20.000	ng	0.00
76) Chrysene-d12	14.010	240	154374	20.000	ng	0.00
86) Perylene-d12	15.480	264	155985	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.481	112	756635	156.183	ng	0.00
7) Phenol-d6	6.486	99	995713	154.546	ng	0.00
23) Nitrobenzene-d5	7.416	82	647027	106.010	ng	0.00
42) 2,4,6-Tribromophenol	10.680	330	234604	157.733	ng	0.00
45) 2-Fluorobiphenyl	9.210	172	1176667	99.795	ng	0.00
79) Terphenyl-d14	12.957	244	1110378	202.517	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.416	70	86135	22.958	ng	# 76
25) Isophorone	7.416	82	644925	61.917	ng	# 67
51) 2,6-Dinitrotoluene	9.886	165	22446	9.113	ng	# 22
57) 2,4-Dinitrotoluene	9.886	165	22446	7.381	ng	# 19
67) 4-Bromophenyl-phenylether	10.680	248	15988	4.532	ng	# 1
77) Benzidine	12.710	184	5496	2.131	ng	97

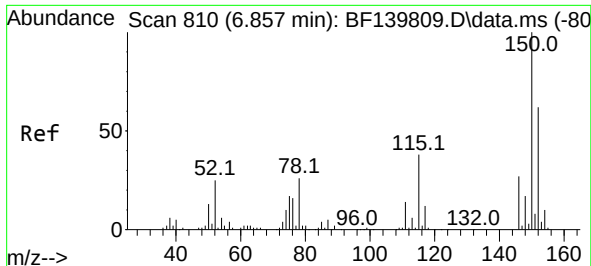
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF101524\
Data File : BF139816.D
Acq On : 15 Oct 2024 17:05
Operator : RC/JU
Sample : PB164096TB
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB164096TB

Quant Time: Oct 15 17:34:11 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF101524.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Oct 15 16:41:54 2024
Response via : Initial Calibration

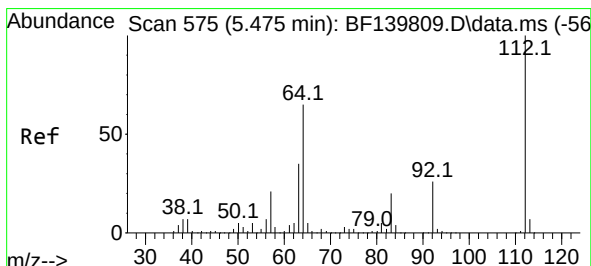
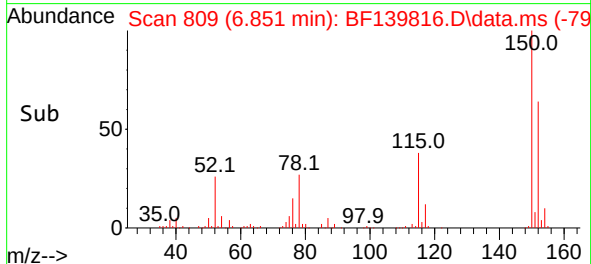
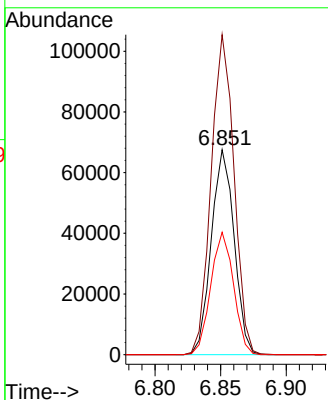
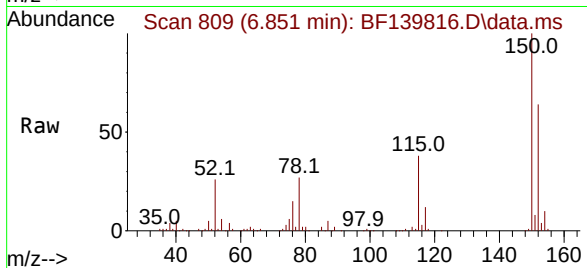




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.851 min Scan# 80
 Delta R.T. -0.006 min
 Lab File: BF139816.D
 Acq: 15 Oct 2024 17:05

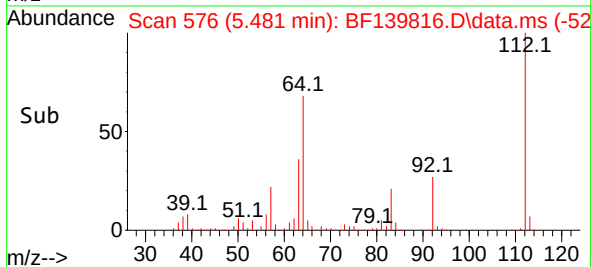
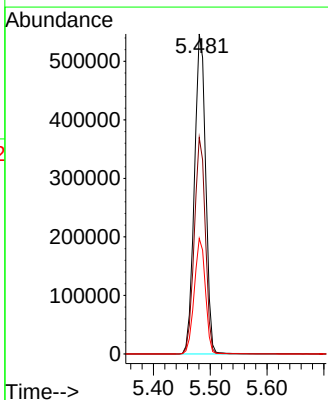
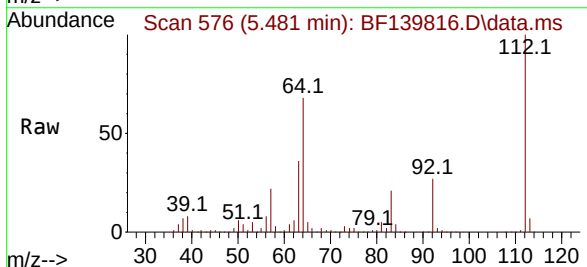
Instrument :
 BNA_F
 ClientSampleId :
 PB164096TB

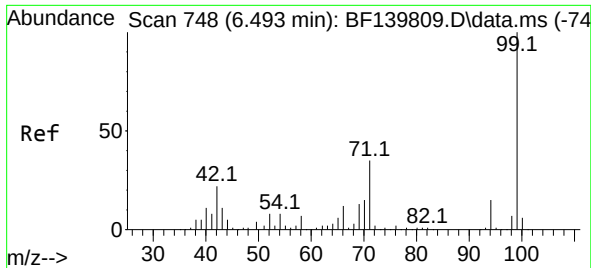
Tgt Ion:152 Resp: 81741
 Ion Ratio Lower Upper
 152 100
 150 156.1 128.2 192.2
 115 59.7 48.1 72.1



#5
 2-Fluorophenol
 Concen: 156.183 ng
 RT: 5.481 min Scan# 576
 Delta R.T. 0.006 min
 Lab File: BF139816.D
 Acq: 15 Oct 2024 17:05

Tgt Ion:112 Resp: 756635
 Ion Ratio Lower Upper
 112 100
 64 67.6 52.1 78.1
 63 36.1 27.6 41.4

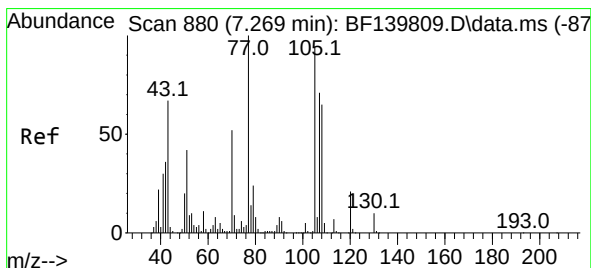
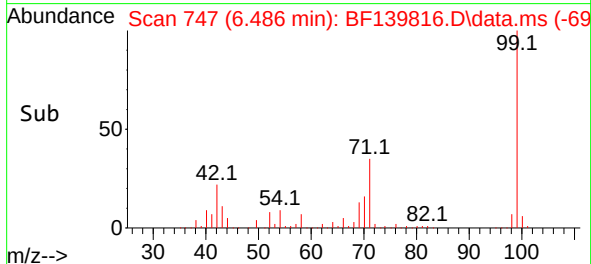
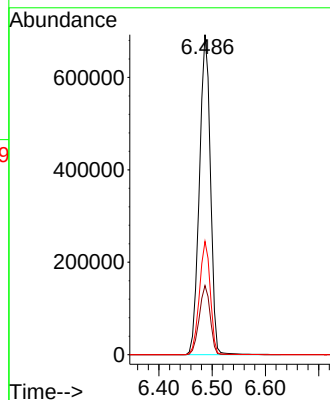
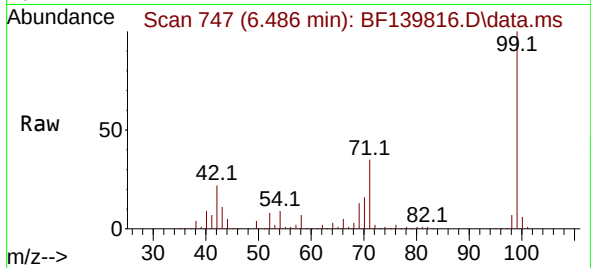




#7
Phenol-d6
Concen: 154.546 ng
RT: 6.486 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139816.D
Acq: 15 Oct 2024 17:05

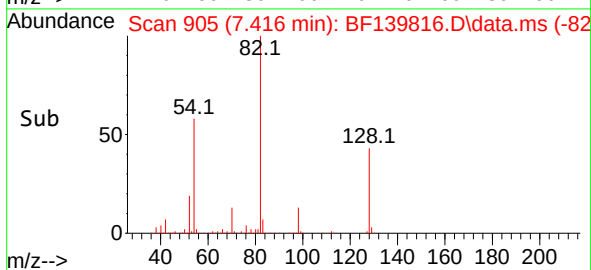
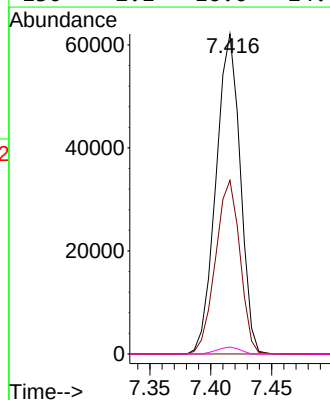
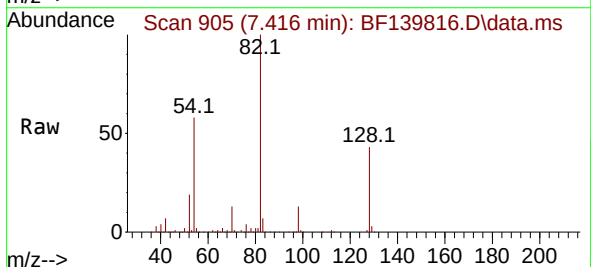
Instrument :
BNA_F
ClientSampleId :
PB164096TB

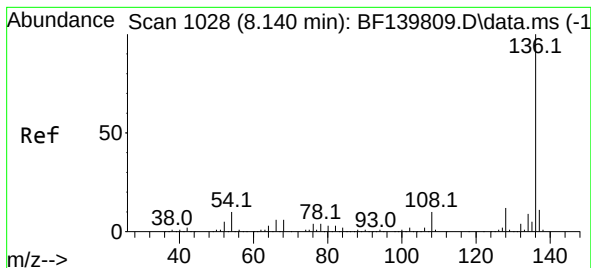
Tgt Ion: 99 Resp: 995713
Ion Ratio Lower Upper
99 100
42 21.6 17.3 25.9
71 35.4 27.8 41.6



#19
n-Nitroso-di-n-propylamine
Concen: 22.958 ng
RT: 7.416 min Scan# 905
Delta R.T. 0.147 min
Lab File: BF139816.D
Acq: 15 Oct 2024 17:05

Tgt Ion: 70 Resp: 86135
Ion Ratio Lower Upper
70 100
42 54.2 55.8 83.6#
101 0.0 7.4 11.0#
130 2.1 16.0 24.0#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.133 min Scan# 1

Delta R.T. -0.007 min

Lab File: BF139816.D

Acq: 15 Oct 2024 17:05

Instrument :

BNA_F

ClientSampleId :

PB164096TB

Tgt Ion:136 Resp: 314147

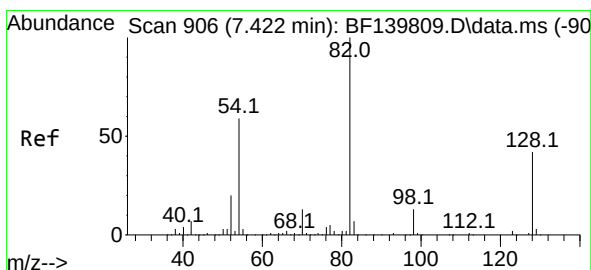
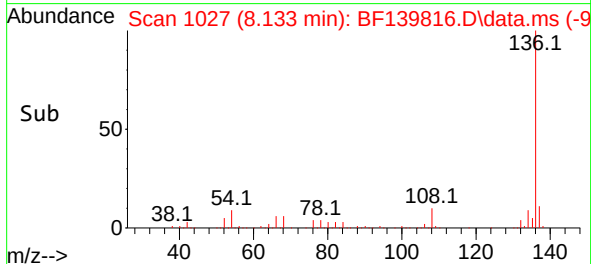
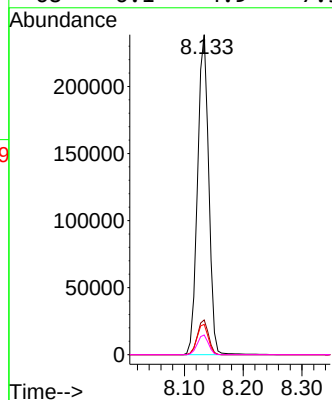
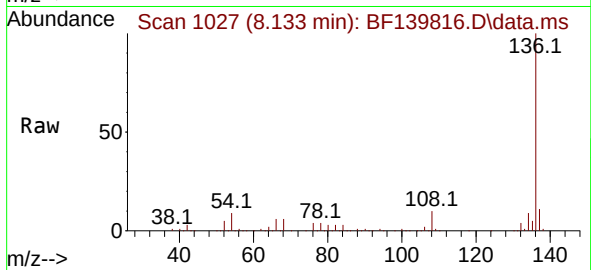
Ion Ratio Lower Upper

136 100

137 10.9 8.5 12.7

54 9.4 7.7 11.5

68 6.1 4.9 7.3



#23

Nitrobenzene-d5

Concen: 106.010 ng

RT: 7.416 min Scan# 905

Delta R.T. -0.006 min

Lab File: BF139816.D

Acq: 15 Oct 2024 17:05

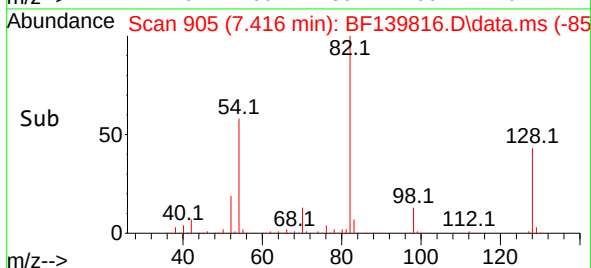
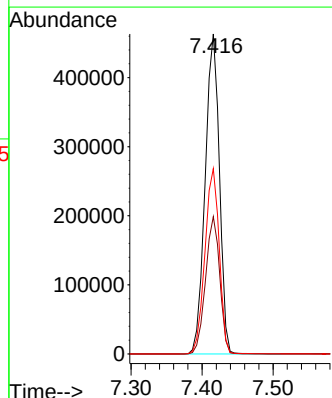
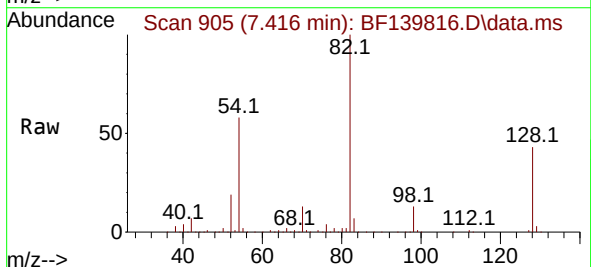
Tgt Ion: 82 Resp: 647027

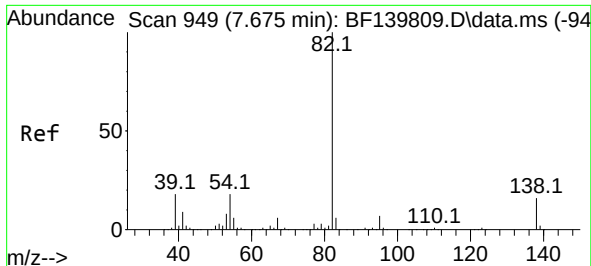
Ion Ratio Lower Upper

82 100

128 42.9 33.9 50.9

54 57.9 46.9 70.3

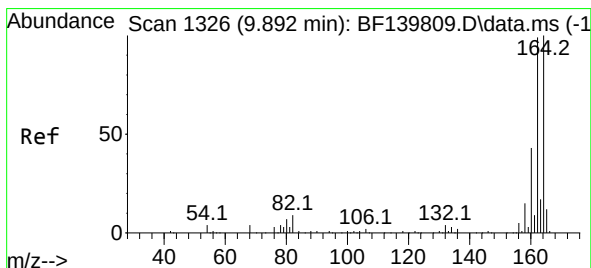
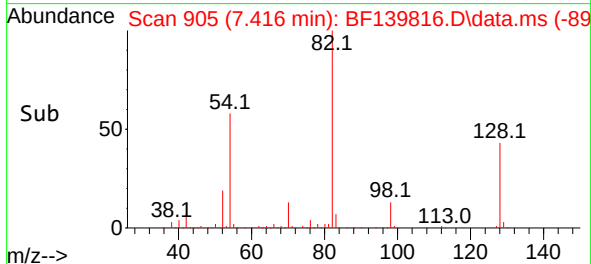
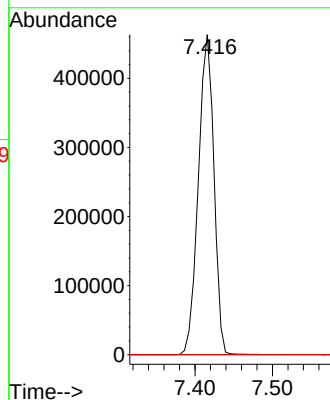
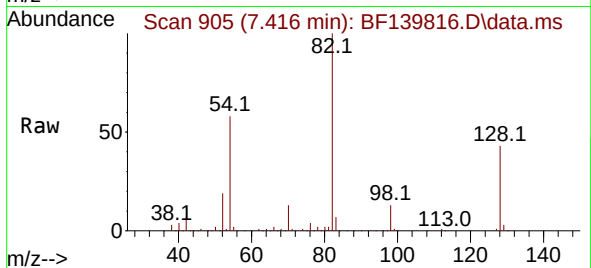




#25
Isophorone
Concen: 61.917 ng
RT: 7.416 min Scan# 90
Delta R.T. -0.259 min
Lab File: BF139816.D
Acq: 15 Oct 2024 17:05

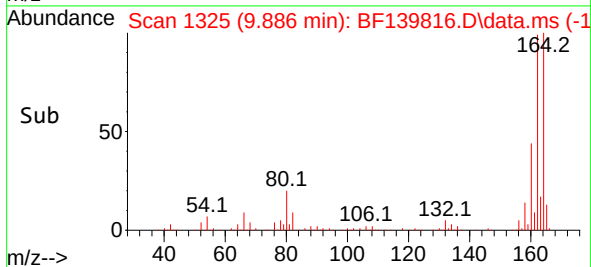
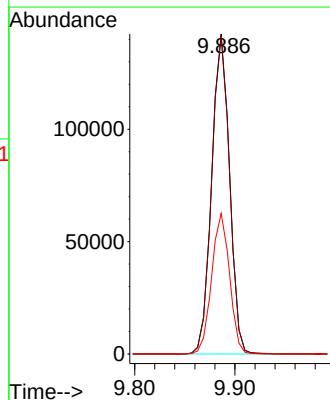
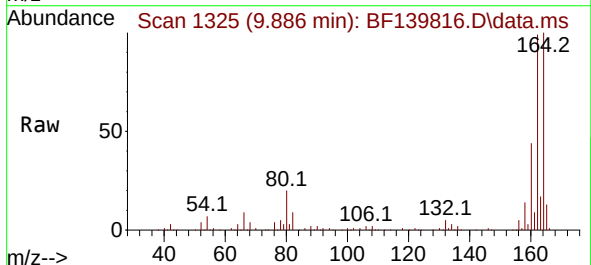
Instrument :
BNA_F
ClientSampleId :
PB164096TB

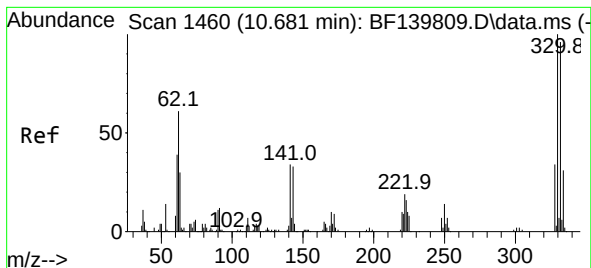
Tgt Ion: 82 Resp: 644925
Ion Ratio Lower Upper
82 100
95 0.0 5.9 8.9#
138 0.0 13.2 19.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.006 min
Lab File: BF139816.D
Acq: 15 Oct 2024 17:05

Tgt Ion:164 Resp: 176355
Ion Ratio Lower Upper
164 100
162 99.2 79.1 118.7
160 43.9 34.4 51.6

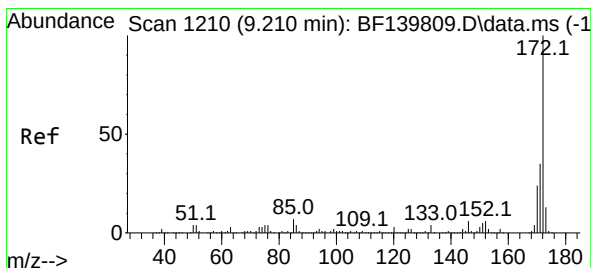
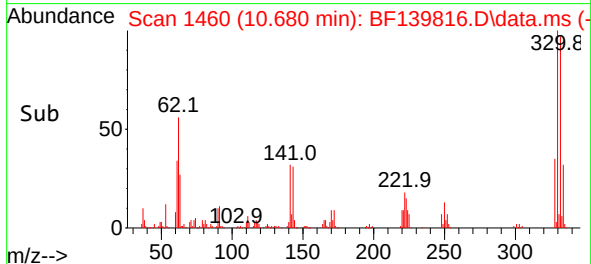
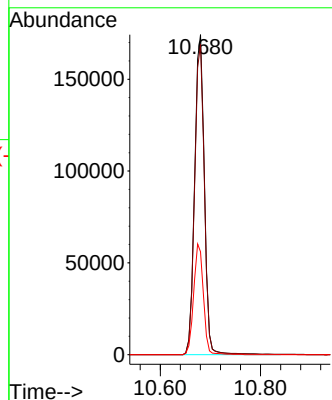
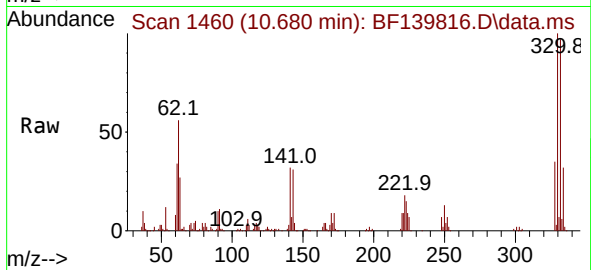




#42
2,4,6-Tribromophenol
Concen: 157.733 ng
RT: 10.680 min Scan# 1460
Delta R.T. -0.000 min
Lab File: BF139816.D
Acq: 15 Oct 2024 17:05

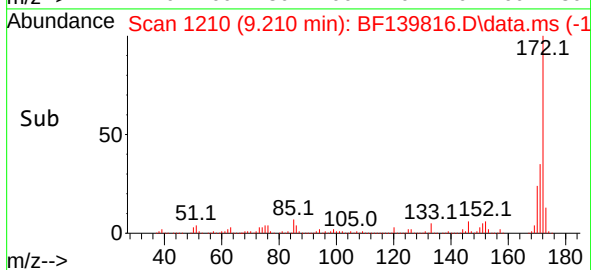
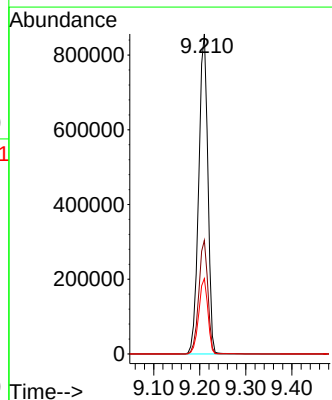
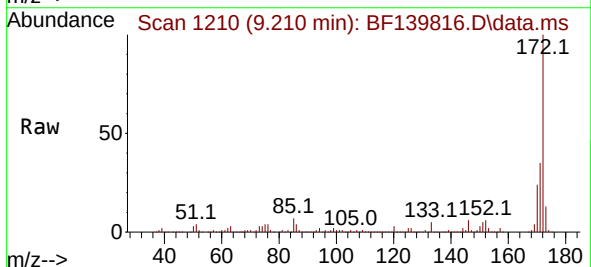
Instrument :
BNA_F
ClientSampleId :
PB164096TB

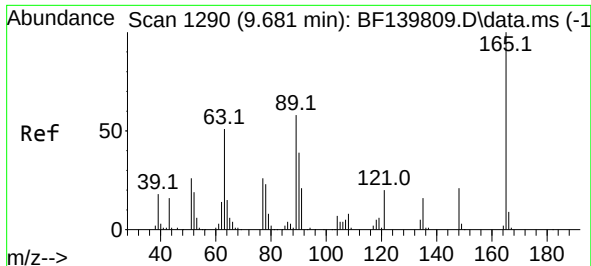
Tgt Ion:330 Resp: 234604
Ion Ratio Lower Upper
330 100
332 97.0 76.6 114.8
141 34.5 27.8 41.6



#45
2-Fluorobiphenyl
Concen: 99.795 ng
RT: 9.210 min Scan# 1210
Delta R.T. -0.000 min
Lab File: BF139816.D
Acq: 15 Oct 2024 17:05

Tgt Ion:172 Resp: 1176667
Ion Ratio Lower Upper
172 100
171 35.5 28.2 42.2
170 23.5 18.9 28.3

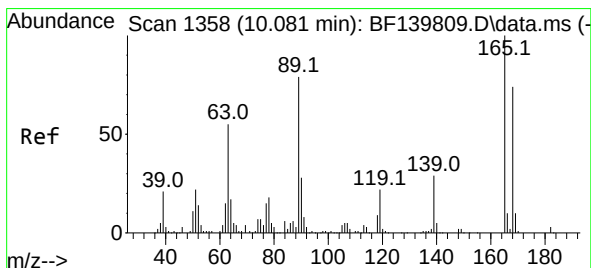
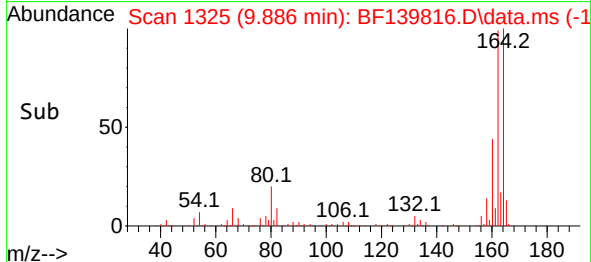
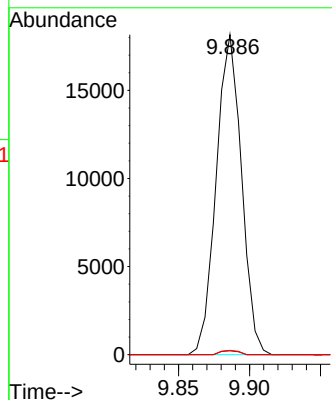
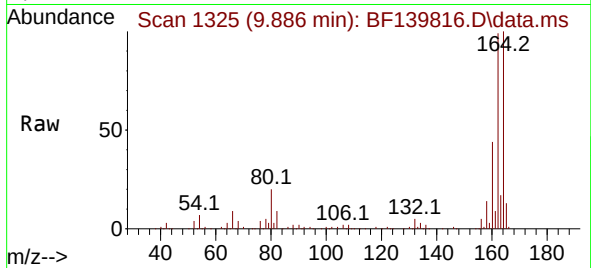




#51
2,6-Dinitrotoluene
Concen: 9.113 ng
RT: 9.886 min Scan# 11
Delta R.T. 0.206 min
Lab File: BF139816.D
Acq: 15 Oct 2024 17:05

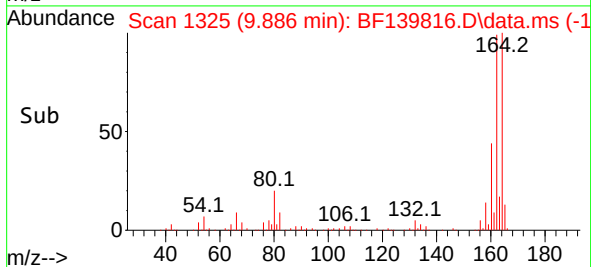
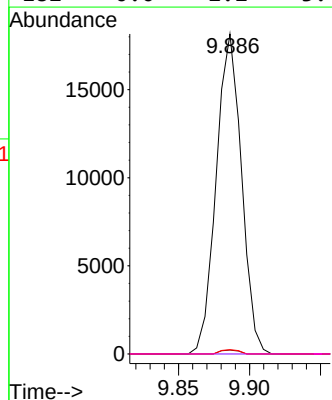
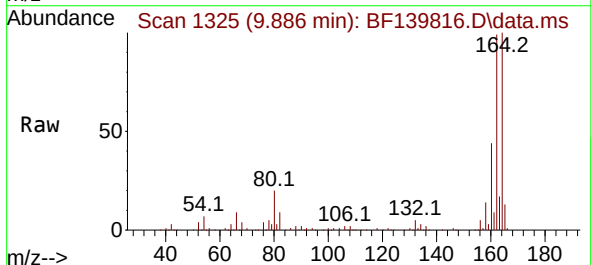
Instrument :
BNA_F
ClientSampleId :
PB164096TB

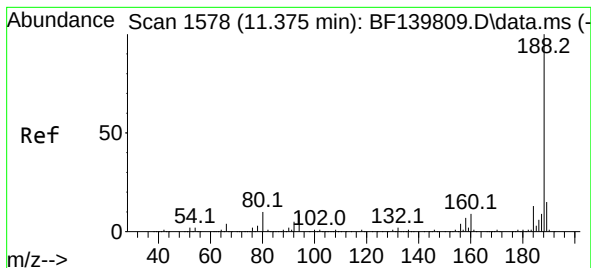
Tgt Ion:165 Resp: 22446
Ion Ratio Lower Upper
165 100
63 1.2 50.0 75.0#
89 1.4 46.8 70.2#



#57
2,4-Dinitrotoluene
Concen: 7.381 ng
RT: 9.886 min Scan# 1325
Delta R.T. -0.195 min
Lab File: BF139816.D
Acq: 15 Oct 2024 17:05

Tgt Ion:165 Resp: 22446
Ion Ratio Lower Upper
165 100
63 1.2 44.7 67.1#
89 1.4 63.1 94.7#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.374 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139816.D

Acq: 15 Oct 2024 17:05

Instrument :

BNA_F

ClientSampleId :

PB164096TB

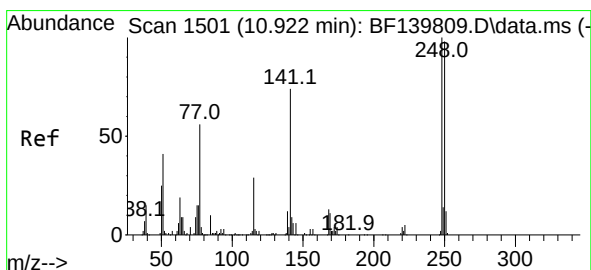
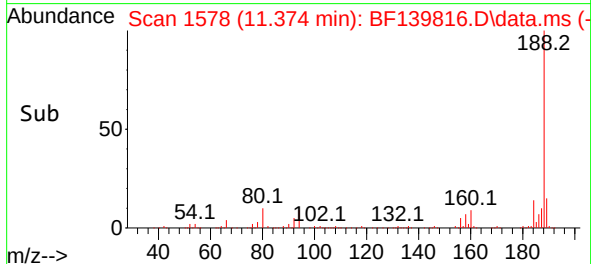
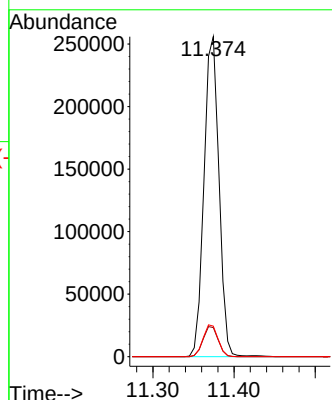
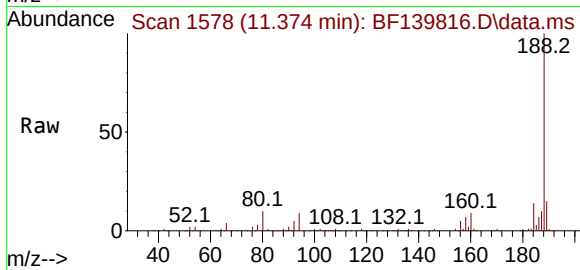
Tgt Ion:188 Resp: 327446

Ion Ratio Lower Upper

188 100

94 9.1 7.3 10.9

80 9.6 7.8 11.8



#67

4-Bromophenyl-phenylether

Concen: 4.532 ng

RT: 10.680 min Scan# 1460

Delta R.T. -0.241 min

Lab File: BF139816.D

Acq: 15 Oct 2024 17:05

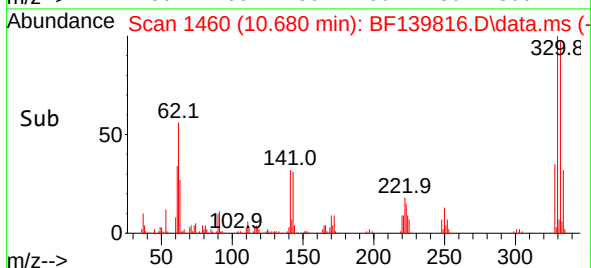
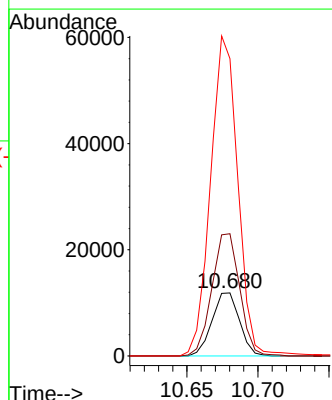
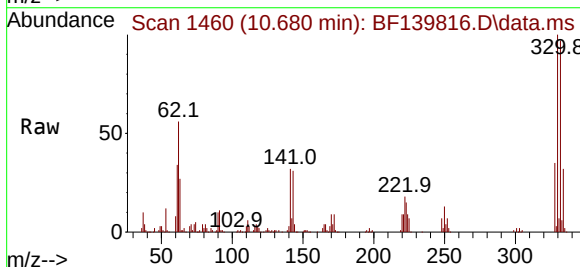
Tgt Ion:248 Resp: 15988

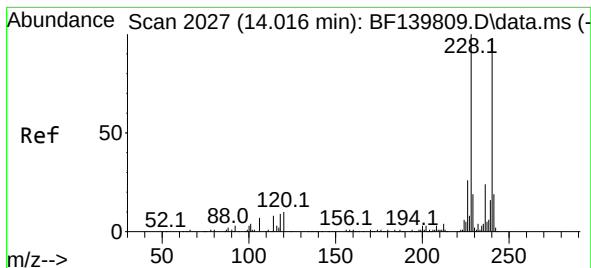
Ion Ratio Lower Upper

248 100

250 193.9 78.7 118.1#

141 471.6 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.010 min Scan# 2027

Delta R.T. -0.006 min

Lab File: BF139816.D

Acq: 15 Oct 2024 17:05

Instrument :

BNA_F

ClientSampleId :

PB164096TB

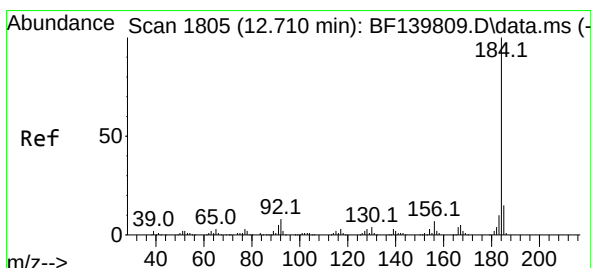
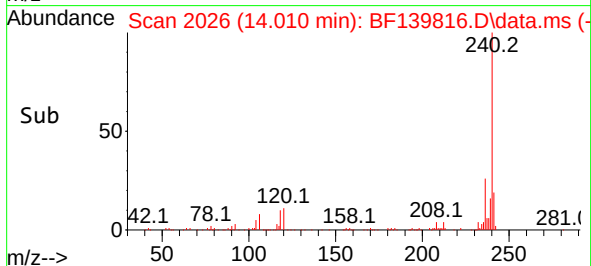
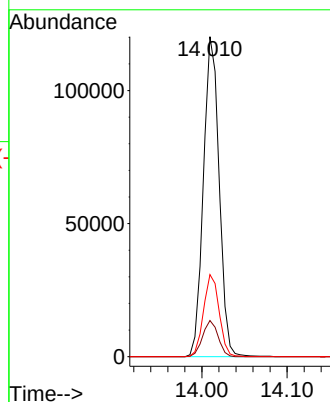
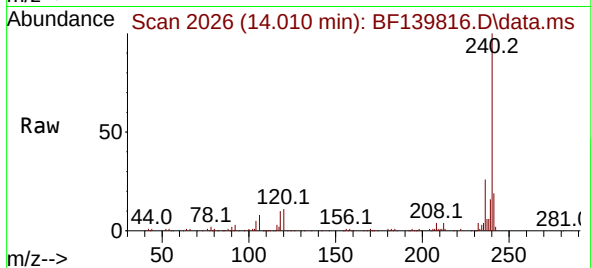
Tgt Ion:240 Resp: 154374

Ion Ratio Lower Upper

240 100

120 11.3 8.6 12.8

236 25.6 20.0 30.0



#77

Benzidine

Concen: 2.131 ng

RT: 12.710 min Scan# 1805

Delta R.T. -0.000 min

Lab File: BF139816.D

Acq: 15 Oct 2024 17:05

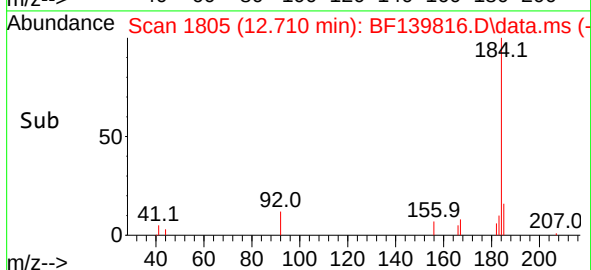
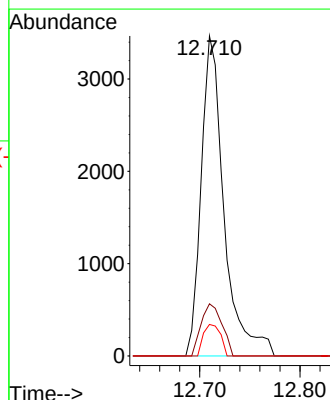
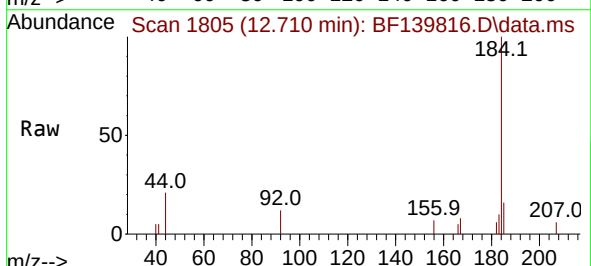
Tgt Ion:184 Resp: 5496

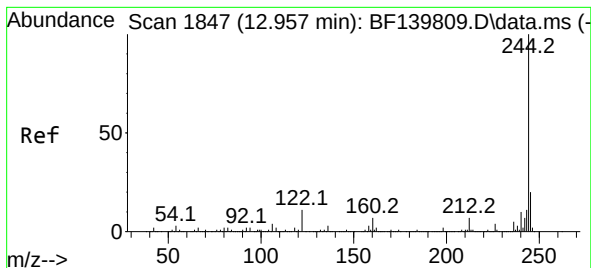
Ion Ratio Lower Upper

184 100

185 16.3 11.9 17.9

183 9.9 8.4 12.6





#79

Terphenyl-d14

Concen: 202.517 ng

RT: 12.957 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139816.D

Acq: 15 Oct 2024 17:05

Instrument :

BNA_F

ClientSampleId :

PB164096TB

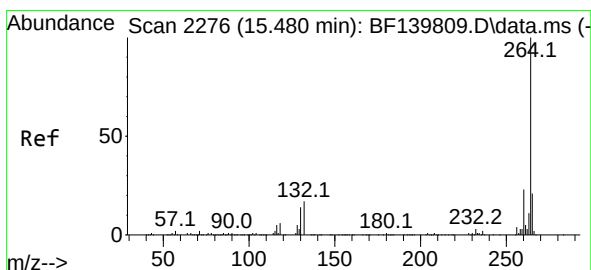
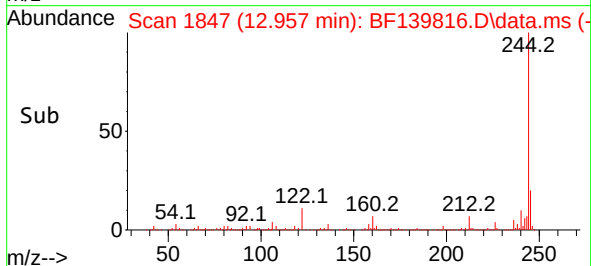
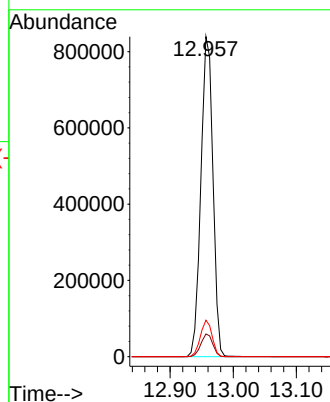
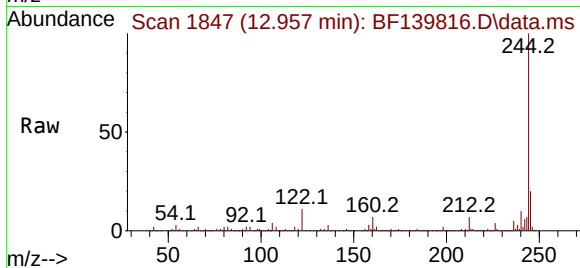
Tgt Ion:244 Resp: 1110378

Ion Ratio Lower Upper

244 100

212 7.1 5.5 8.3

122 11.4 8.9 13.3



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.480 min Scan# 2276

Delta R.T. -0.000 min

Lab File: BF139816.D

Acq: 15 Oct 2024 17:05

Tgt Ion:264 Resp: 155985

Ion Ratio Lower Upper

264 100

260 22.9 18.8 28.2

265 21.6 17.2 25.8

