

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
 Data File : BF139284.D
 Acq On : 09 Sep 2024 15:48
 Operator : RC/JU
 Sample : P3888-02
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DN-W-02

Quant Time: Sep 09 16:12:16 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)

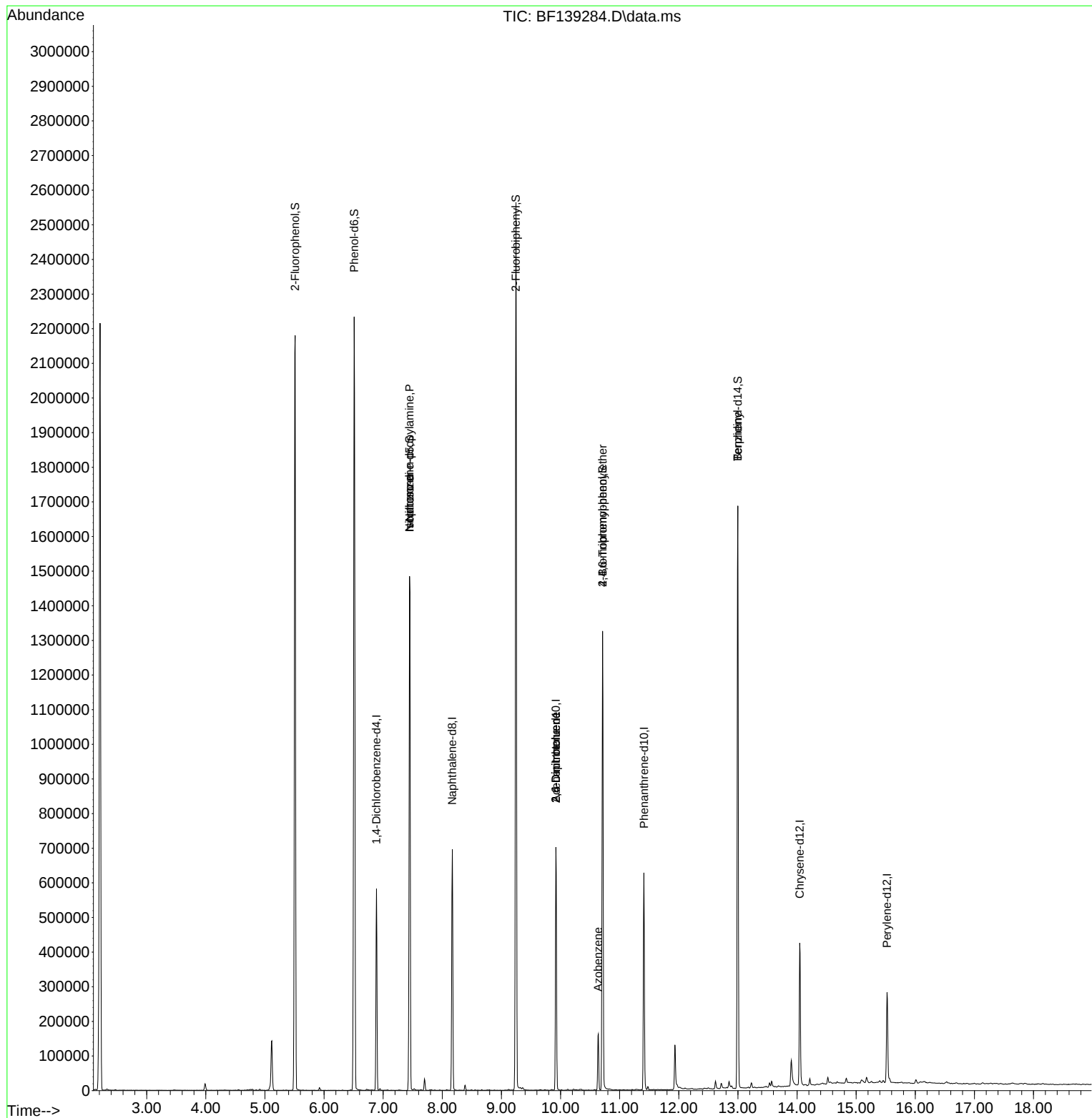
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	112399	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	405555	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	203871	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	319431	20.000	ng	0.00
76) Chrysene-d12	14.045	240	189843	20.000	ng	0.00
86) Perylene-d12	15.521	264	155305	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.510	112	774543	115.278	ng	0.00
7) Phenol-d6	6.510	99	1021785	113.916	ng	0.00
23) Nitrobenzene-d5	7.445	82	660858	84.772	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	197748	112.328	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1118251	84.670	ng	0.00
79) Terphenyl-d14	12.998	244	801405	68.158	ng	0.00
Target Compounds						
					Qvalue	
19) n-Nitroso-di-n-propyla...	7.445	70	89565	17.337	ng	# 77
25) Isophorone	7.445	82	658483	49.406	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	25998	9.274	ng	# 18
57) 2,4-Dinitrotoluene	9.922	165	25998	7.287	ng	# 18
63) Azobenzene	10.634	77	42263	3.298	ng	# 1
67) 4-Bromophenyl-phenylether	10.710	248	13663	4.408	ng	# 1
77) Benzidine	12.998	184	11096	2.903	ng	# 94

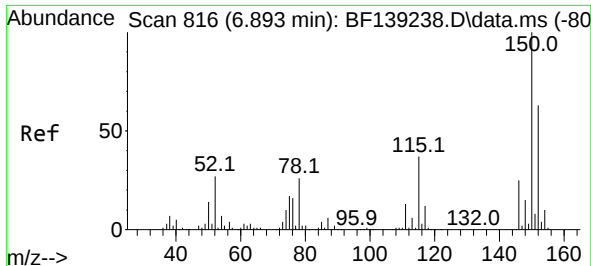
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
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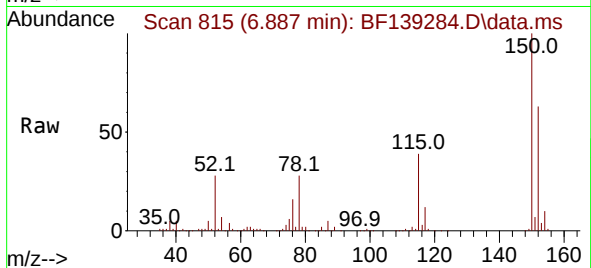
Quant Time: Sep 09 16:12:16 2024
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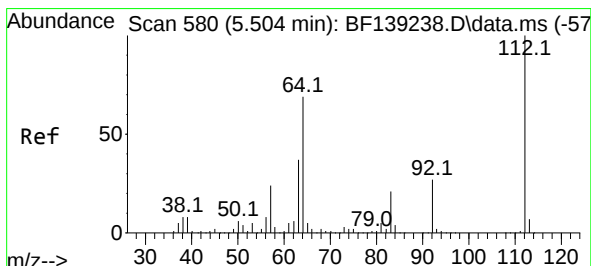
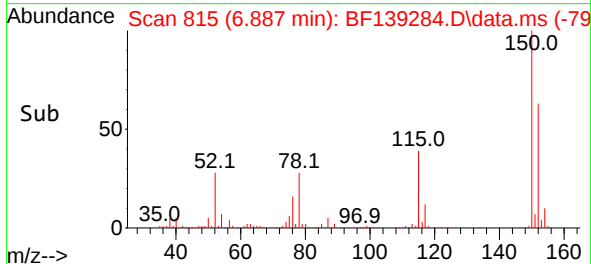
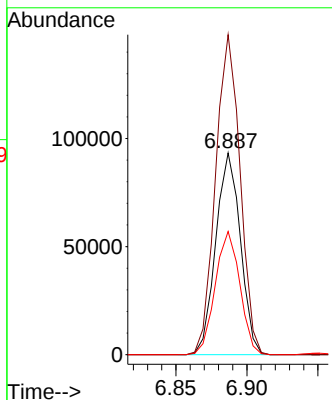


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139284.D
Acq: 09 Sep 2024 15:48

Instrument :
BNA_F
ClientSampleId :
DN-W-02

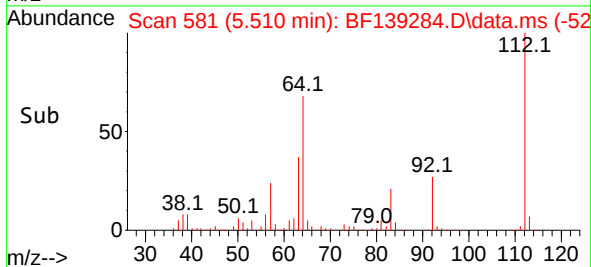
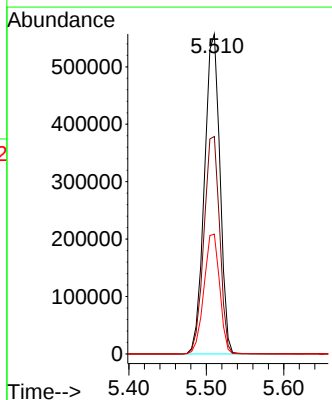
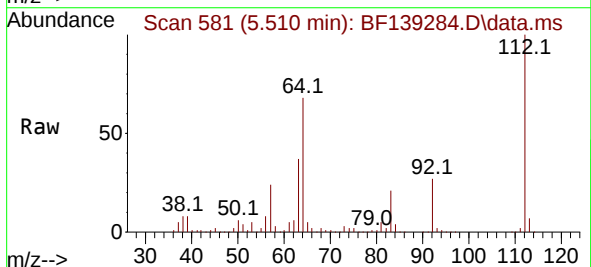


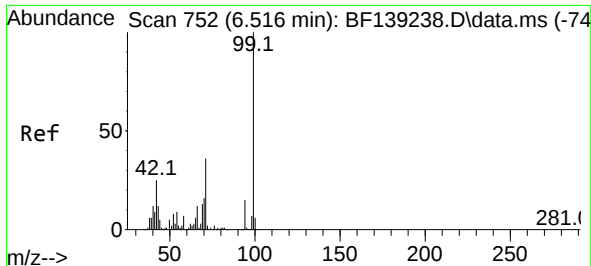
Tgt Ion:152 Resp: 112399
Ion Ratio Lower Upper
152 100
150 158.5 127.0 190.4
115 61.1 46.9 70.3



#5
2-Fluorophenol
Concen: 115.278 ng
RT: 5.510 min Scan# 581
Delta R.T. 0.006 min
Lab File: BF139284.D
Acq: 09 Sep 2024 15:48

Tgt Ion:112 Resp: 774543
Ion Ratio Lower Upper
112 100
64 68.0 55.0 82.4
63 37.5 29.9 44.9





#7
Phenol-d6
Concen: 113.916 ng
RT: 6.510 min Scan# 710
Delta R.T. -0.006 min
Lab File: BF139284.D
Acq: 09 Sep 2024 15:48

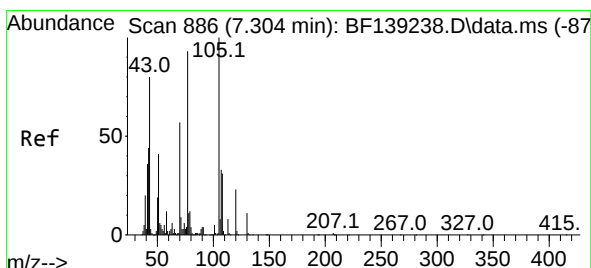
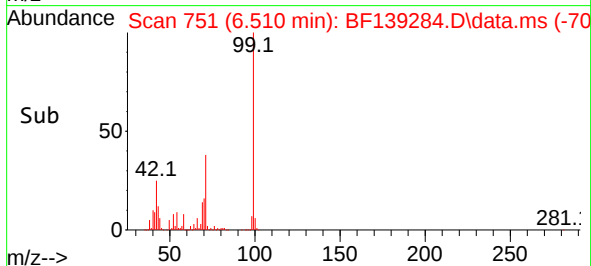
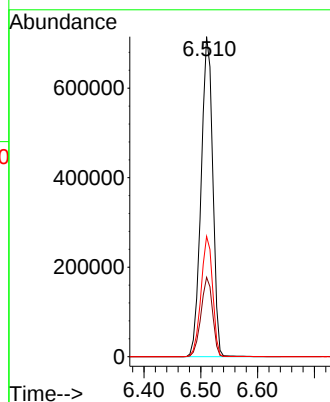
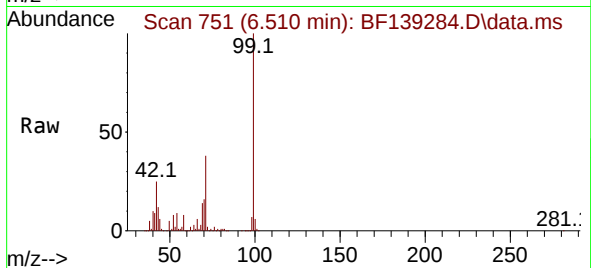
Instrument :

BNA_F

ClientSampleId :

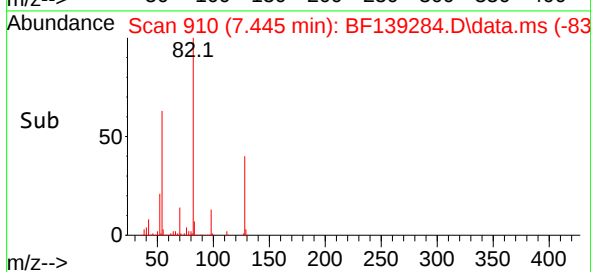
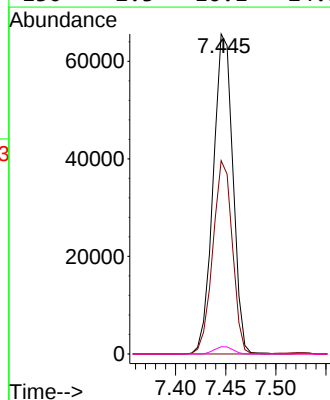
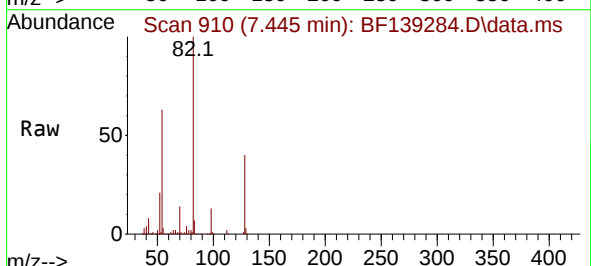
DN-W-02

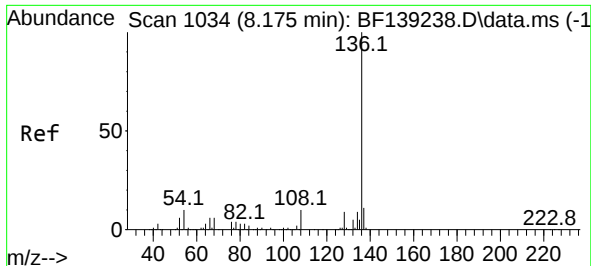
Tgt Ion: 99 Resp: 1021785
Ion Ratio Lower Upper
99 100
42 24.8 19.8 29.6
71 37.6 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.337 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139284.D
Acq: 09 Sep 2024 15:48

Tgt Ion: 70 Resp: 89565
Ion Ratio Lower Upper
70 100
42 60.4 61.0 91.6#
101 0.0 7.2 10.8#
130 2.3 16.1 24.1#





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.169 min Scan# 1033
Delta R.T. -0.006 min
Lab File: BF139284.D
Acq: 09 Sep 2024 15:48

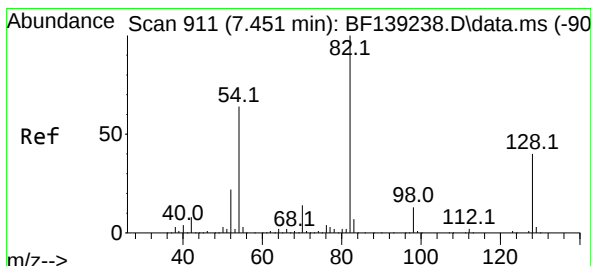
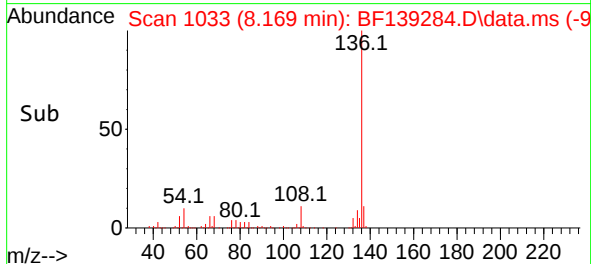
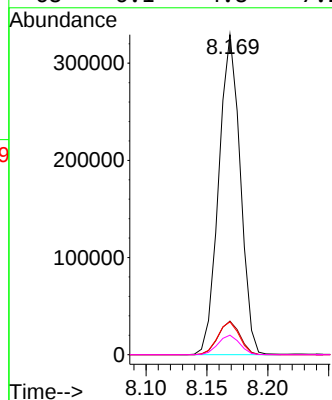
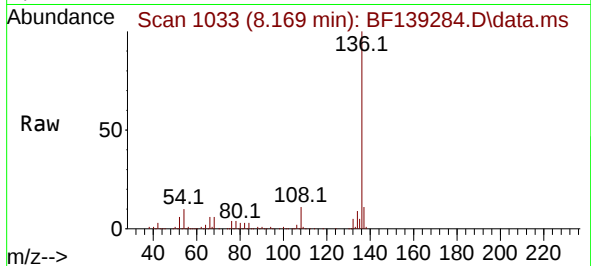
Instrument :

BNA_F

ClientSampleId :

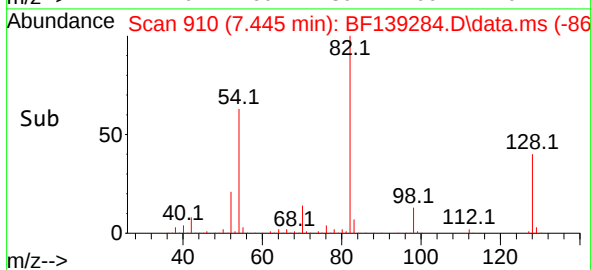
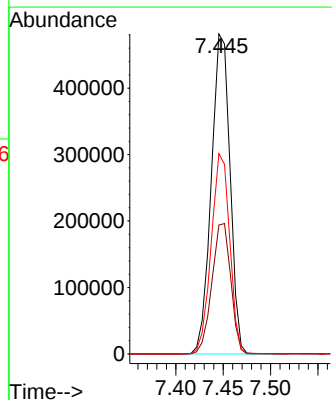
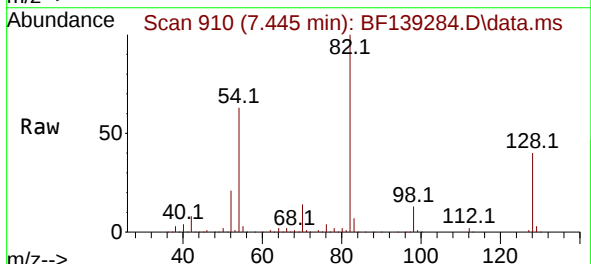
DN-W-02

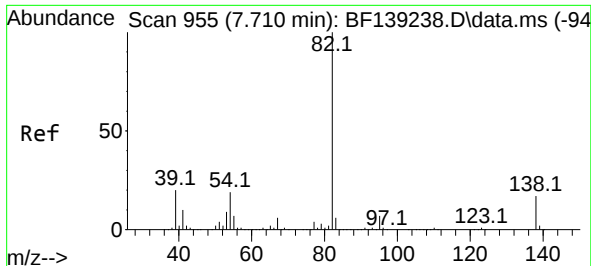
Tgt Ion:136 Resp: 405555
Ion Ratio Lower Upper
136 100
137 10.5 8.6 13.0
54 10.2 8.4 12.6
68 6.1 4.8 7.2



#23
Nitrobenzene-d5
Concen: 84.772 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139284.D
Acq: 09 Sep 2024 15:48

Tgt Ion: 82 Resp: 660858
Ion Ratio Lower Upper
82 100
128 40.3 32.3 48.5
54 62.6 51.2 76.8

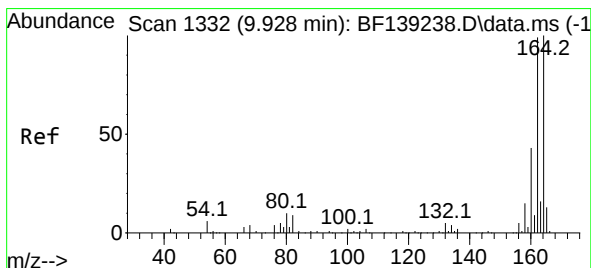
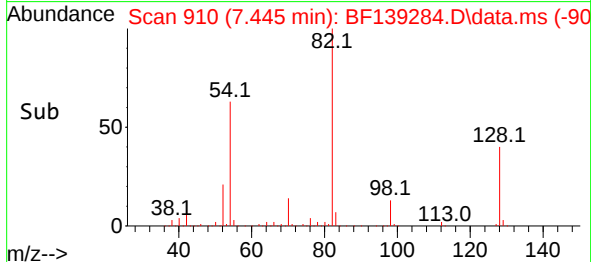
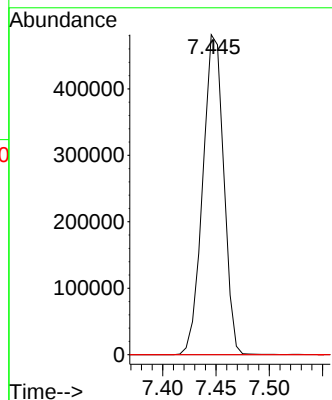
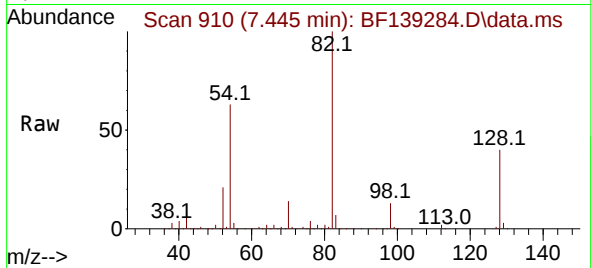




#25
Isophorone
Concen: 49.406 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139284.D
Acq: 09 Sep 2024 15:48

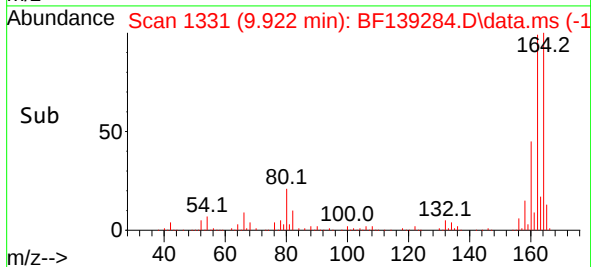
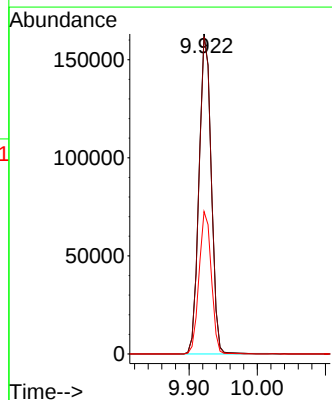
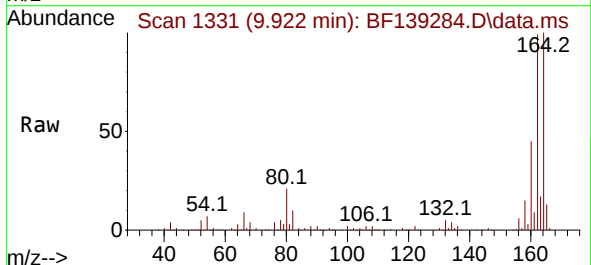
Instrument :
BNA_F
ClientSampleId :
DN-W-02

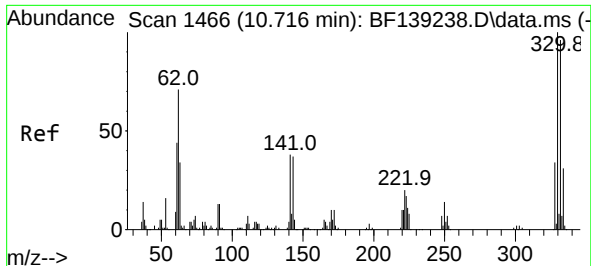
Tgt Ion: 82 Resp: 658483
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139284.D
Acq: 09 Sep 2024 15:48

Tgt Ion:164 Resp: 203871
Ion Ratio Lower Upper
164 100
162 99.2 79.2 118.8
160 44.5 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 112.328 ng

RT: 10.710 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139284.D

Acq: 09 Sep 2024 15:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02

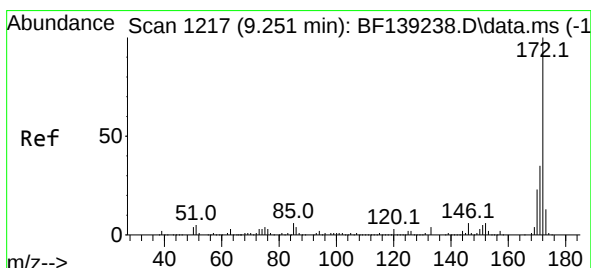
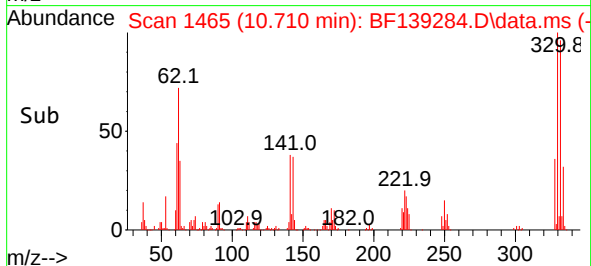
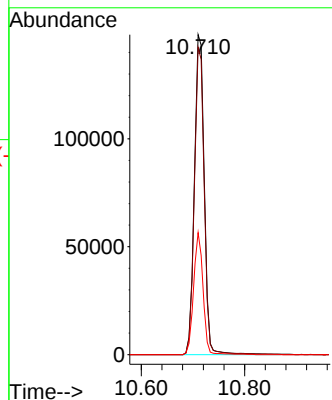
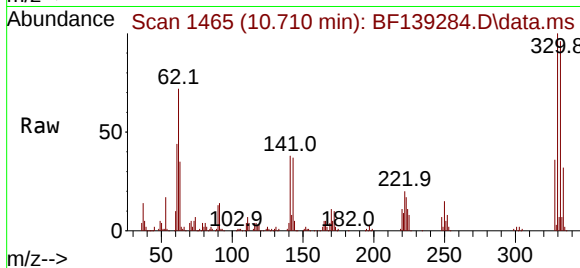
Tgt Ion:330 Resp: 197748

Ion Ratio Lower Upper

330 100

332 95.0 76.6 115.0

141 36.4 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 84.670 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139284.D

Acq: 09 Sep 2024 15:48

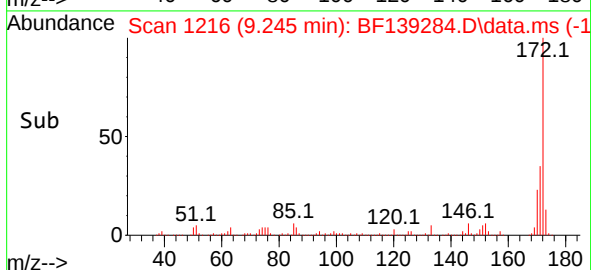
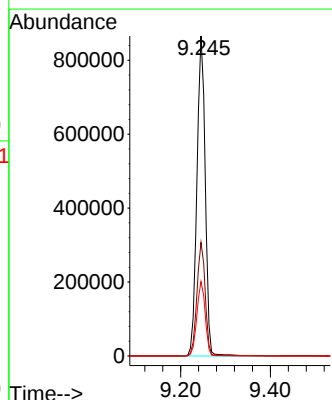
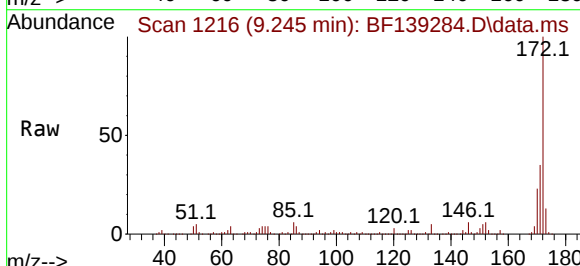
Tgt Ion:172 Resp: 1118251

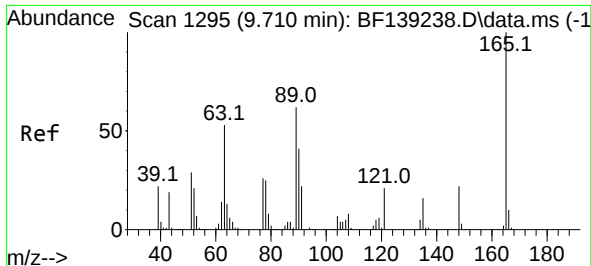
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.3 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.274 ng

RT: 9.922 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139284.D

Acq: 09 Sep 2024 15:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02

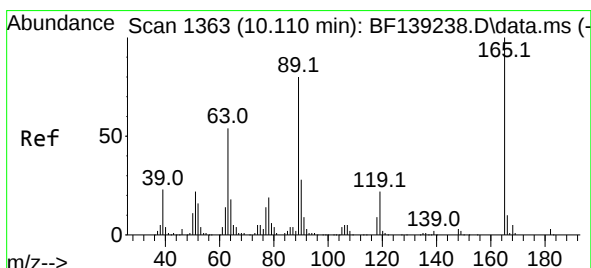
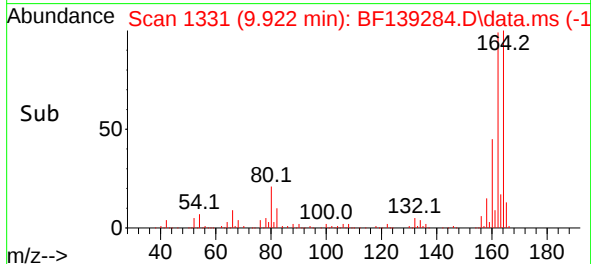
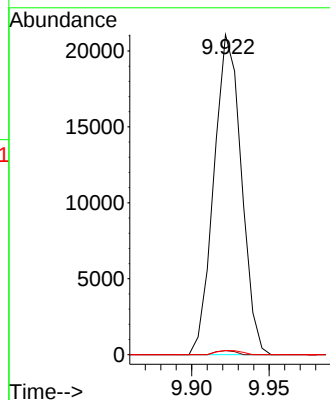
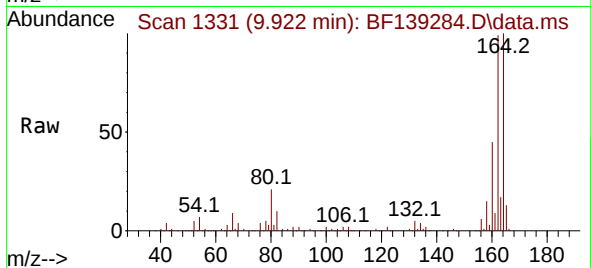
Tgt Ion:165 Resp: 25998

Ion Ratio Lower Upper

165 100

63 1.2 56.1 84.1#

89 1.3 49.7 74.5#



#57

2,4-Dinitrotoluene

Concen: 7.287 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.188 min

Lab File: BF139284.D

Acq: 09 Sep 2024 15:48

Tgt Ion:165 Resp: 25998

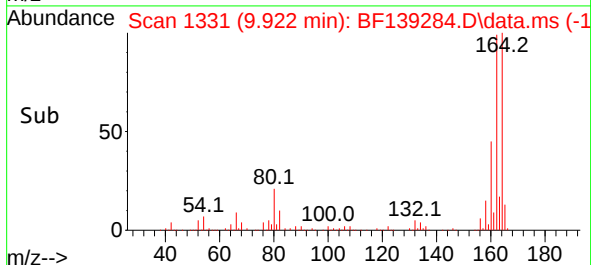
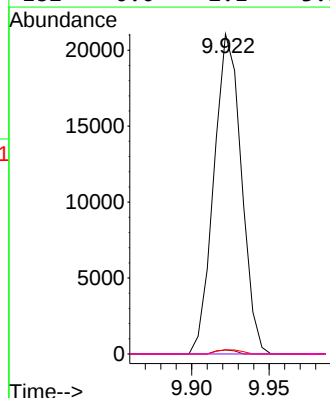
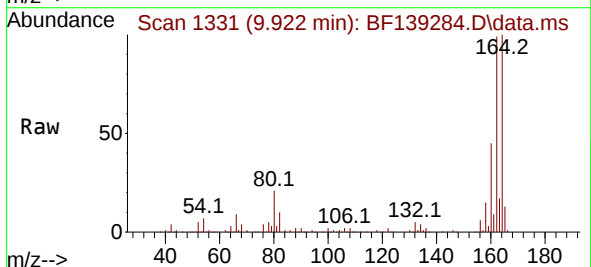
Ion Ratio Lower Upper

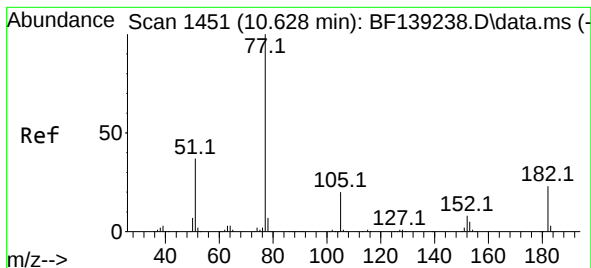
165 100

63 1.2 43.4 65.0#

89 1.3 64.2 96.4#

182 0.0 2.1 3.1#





#63

Azobenzene

Concen: 3.298 ng

RT: 10.634 min Scan# 1451

Delta R.T. 0.006 min

Lab File: BF139284.D

Acq: 09 Sep 2024 15:48

Instrument :

BNA_F

ClientSampleId :

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Tgt Ion: 77 Resp: 42263

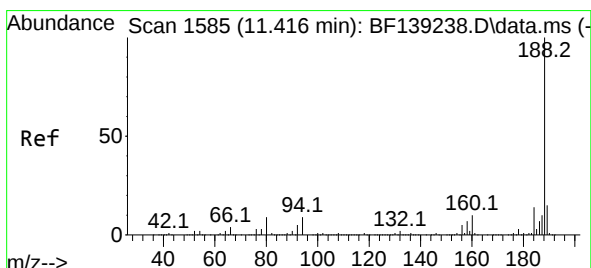
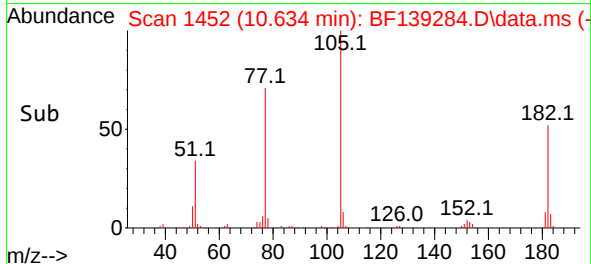
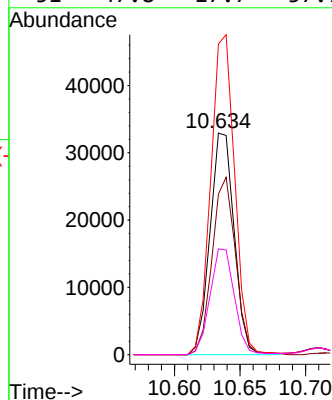
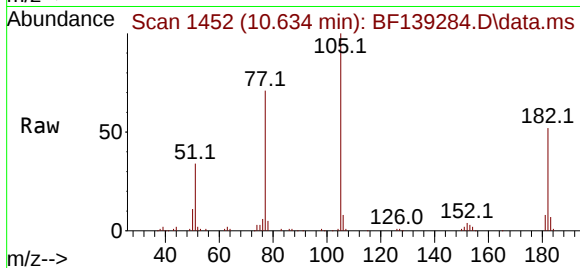
Ion Ratio Lower Upper

77 100

182 72.5 3.0 43.0#

105 140.3 0.0 39.4#

51 47.8 17.7 57.7



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1584

Delta R.T. -0.006 min

Lab File: BF139284.D

Acq: 09 Sep 2024 15:48

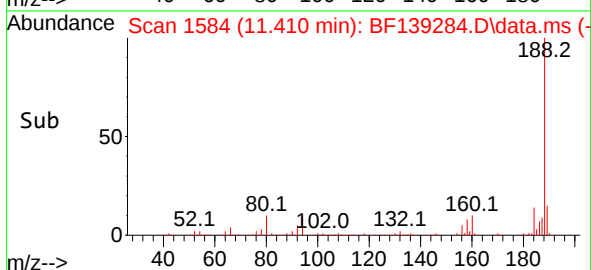
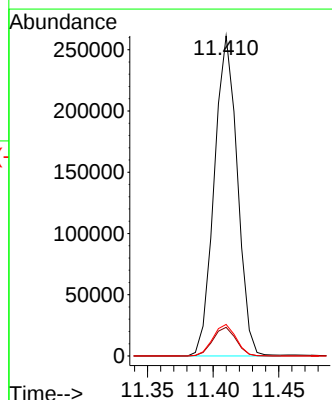
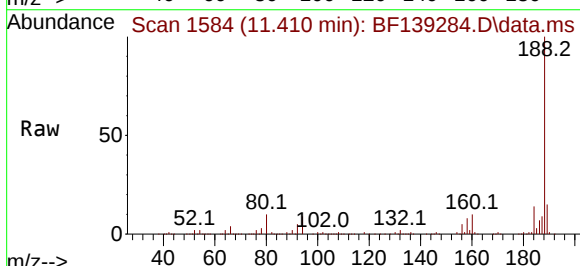
Tgt Ion: 188 Resp: 319431

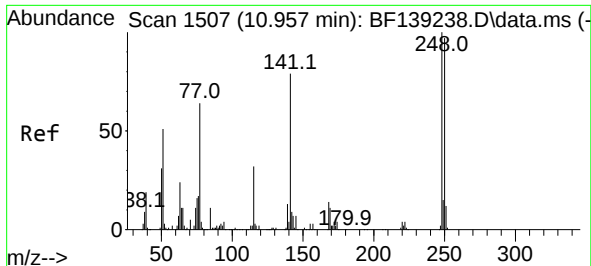
Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

80 9.8 7.3 10.9





#67

4-Bromophenyl-phenylether

Concen: 4.408 ng

RT: 10.710 min Scan# 1465

Delta R.T. -0.247 min

Lab File: BF139284.D

Acq: 09 Sep 2024 15:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02

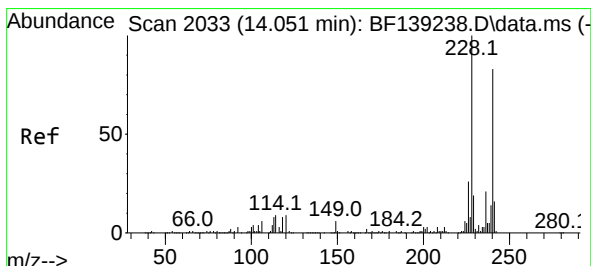
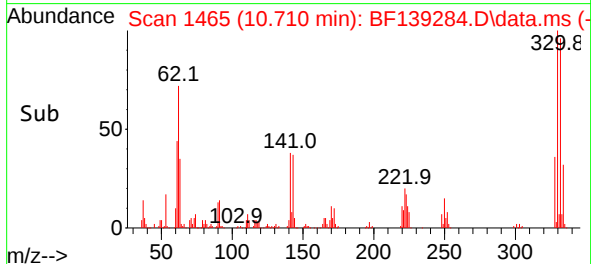
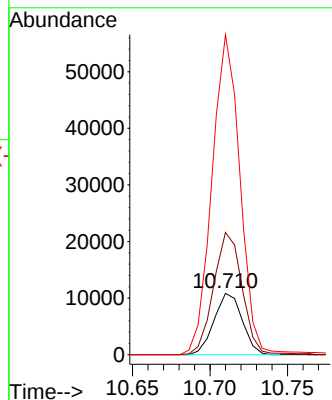
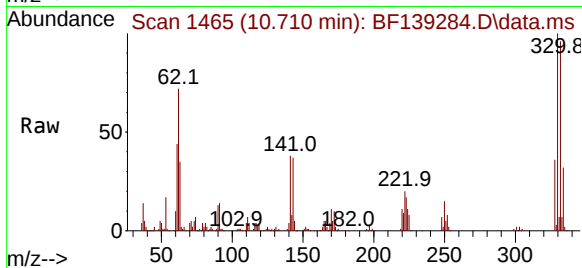
Tgt Ion:248 Resp: 13663

Ion Ratio Lower Upper

248 100

250 199.6 77.2 115.8#

141 522.1 63.6 95.4#



#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.045 min Scan# 2032

Delta R.T. -0.006 min

Lab File: BF139284.D

Acq: 09 Sep 2024 15:48

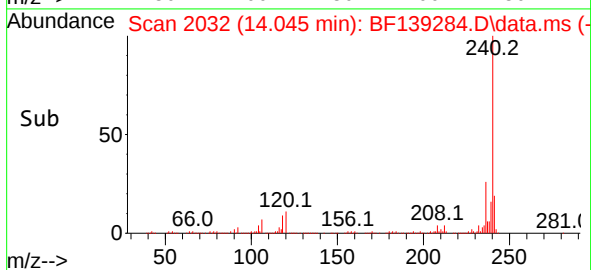
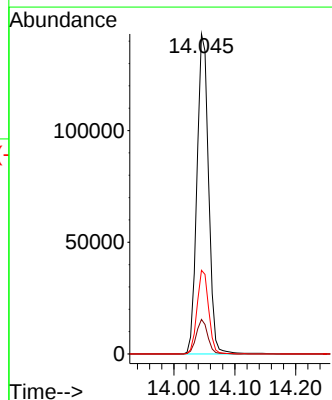
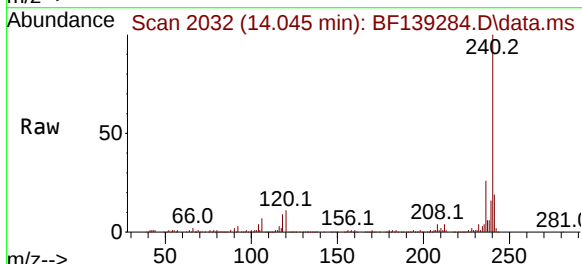
Tgt Ion:240 Resp: 189843

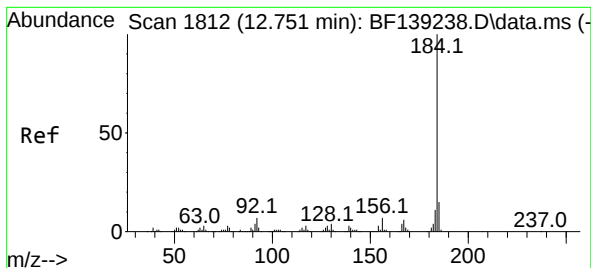
Ion Ratio Lower Upper

240 100

120 10.8 8.6 12.8

236 26.2 20.7 31.1





#77

Benzidine

Concen: 2.903 ng

RT: 12.998 min Scan# 1854

Delta R.T. 0.247 min

Lab File: BF139284.D

Acq: 09 Sep 2024 15:48

Instrument :

BNA_F

ClientSampleId :

DN-W-02

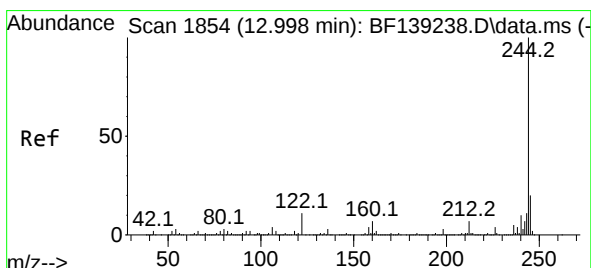
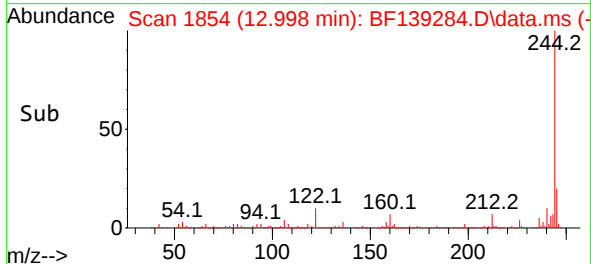
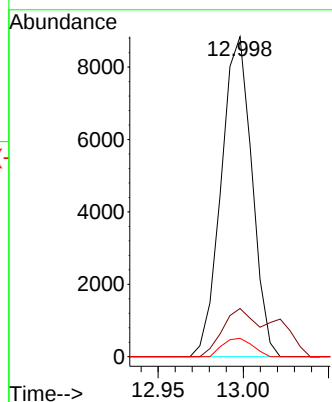
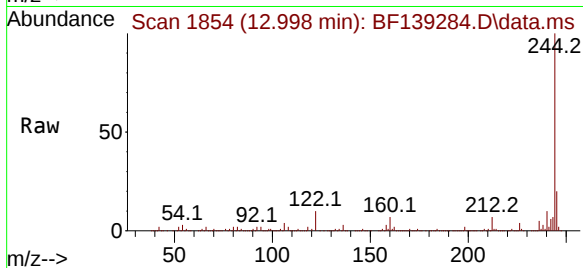
Tgt Ion:184 Resp: 11096

Ion Ratio Lower Upper

184 100

185 15.1 11.9 17.9

183 5.7 8.8 13.2#



#79

Terphenyl-d14

Concen: 68.158 ng

RT: 12.998 min Scan# 1854

Delta R.T. -0.000 min

Lab File: BF139284.D

Acq: 09 Sep 2024 15:48

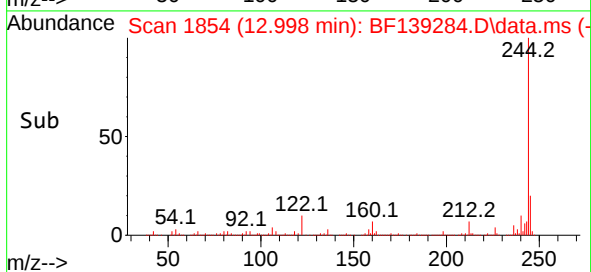
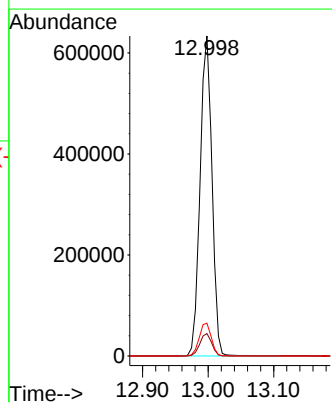
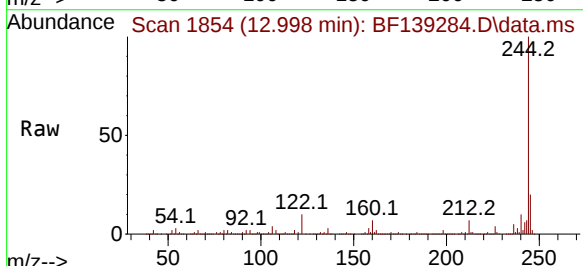
Tgt Ion:244 Resp: 801405

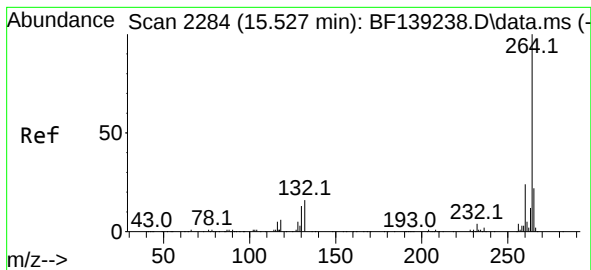
Ion Ratio Lower Upper

244 100

212 7.0 5.9 8.9

122 10.3 8.7 13.1





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.521 min Scan# 21
 Delta R.T. -0.006 min
 Lab File: BF139284.D
 Acq: 09 Sep 2024 15:48

Instrument :
 BNA_F
 ClientSampleId :
 DN-W-02

Tgt Ion:264 Resp: 155305
 Ion Ratio Lower Upper
 264 100
 260 22.2 18.8 28.2
 265 21.5 17.3 25.9

