

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090624\
 Data File : BF139268.D
 Acq On : 06 Sep 2024 09:32
 Operator : RC/JU
 Sample : PB163138BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163138BL

Quant Time: Sep 06 10:43:16 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)

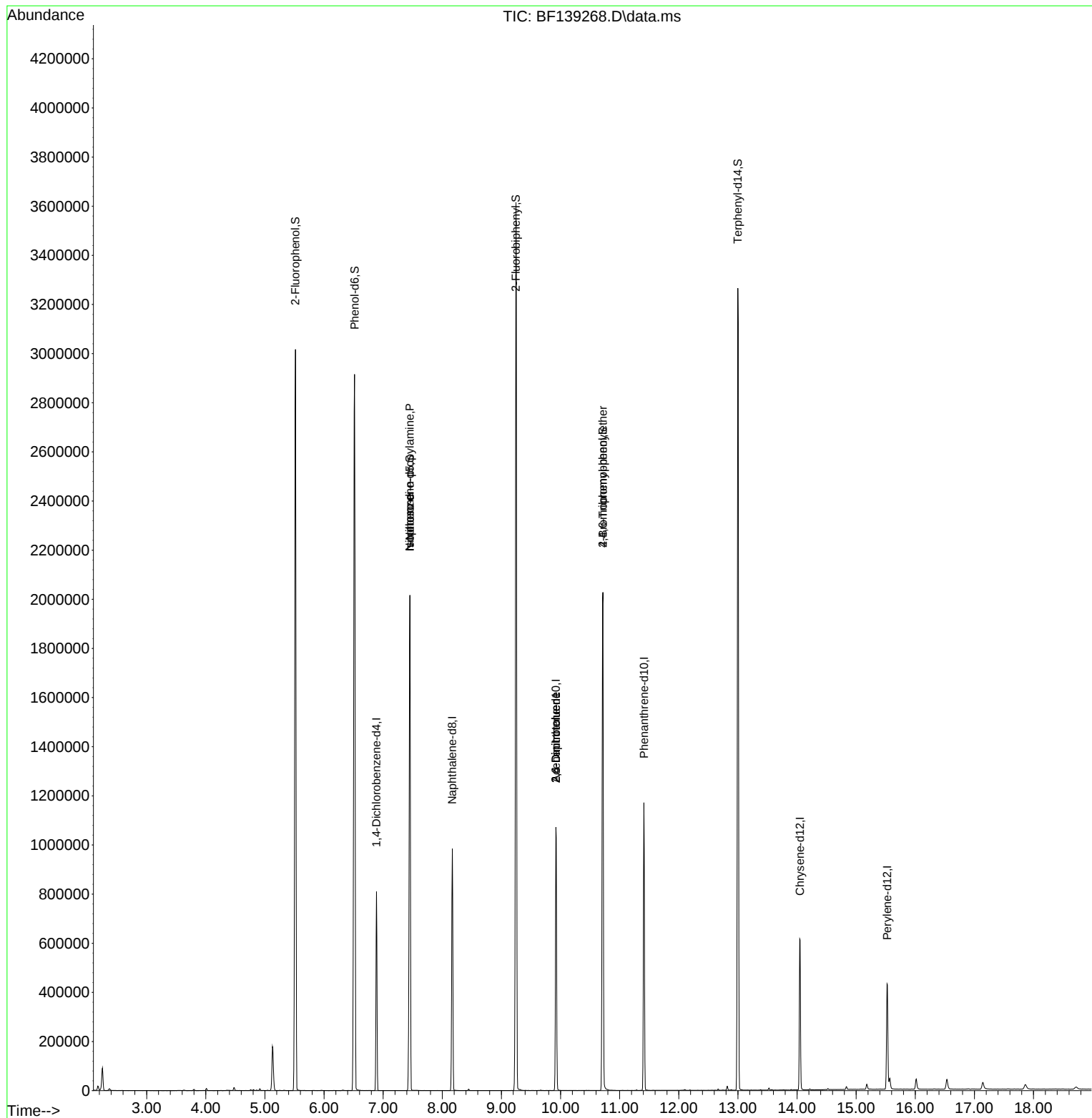
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	156999	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	593248	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	330690	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	607286	20.000	ng	0.00
76) Chrysene-d12	14.051	240	304698	20.000	ng	0.00
86) Perylene-d12	15.527	264	266856	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1107235	117.979	ng	0.01
7) Phenol-d6	6.516	99	1474582	117.695	ng	0.00
23) Nitrobenzene-d5	7.451	82	944345	82.811	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	325093	113.846	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1674518	78.165	ng	0.00
79) Terphenyl-d14	12.998	244	1646138	87.228	ng	0.00
Target Compounds						
						Qvalue
19) n-Nitroso-di-n-propyla...	7.451	70	129680	17.972	ng	# 75
25) Isophorone	7.451	82	941539	48.293	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	42250	9.292	ng	# 18
57) 2,4-Dinitrotoluene	9.922	165	42250	7.300	ng	# 18
67) 4-Bromophenyl-phenylether	10.716	248	22947	3.895	ng	# 1

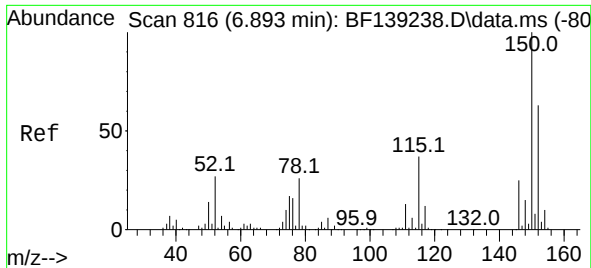
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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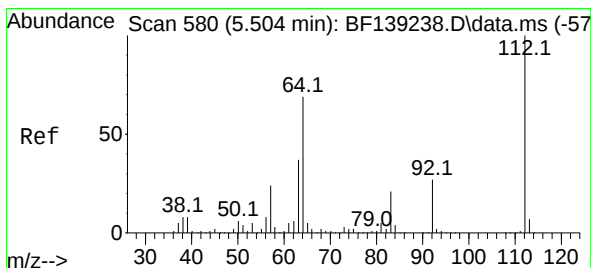
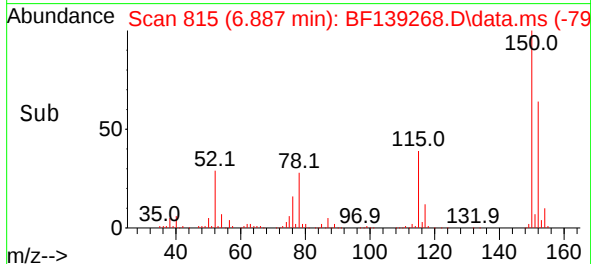
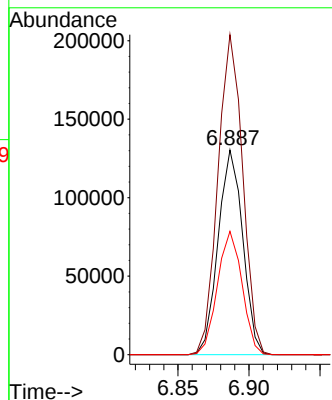
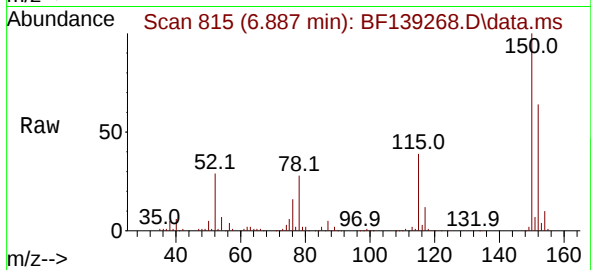




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139268.D
Acq: 06 Sep 2024 09:32

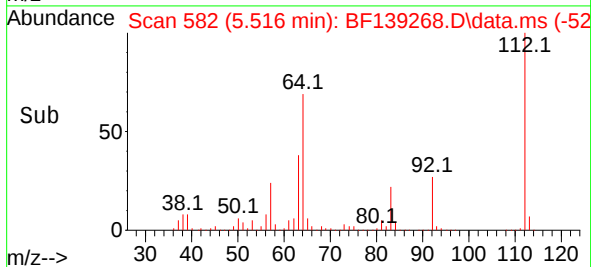
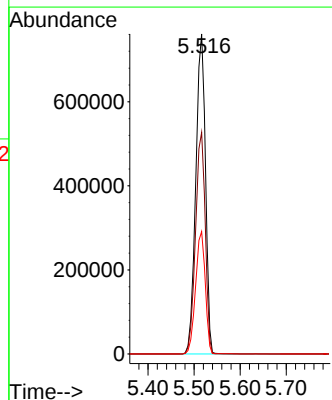
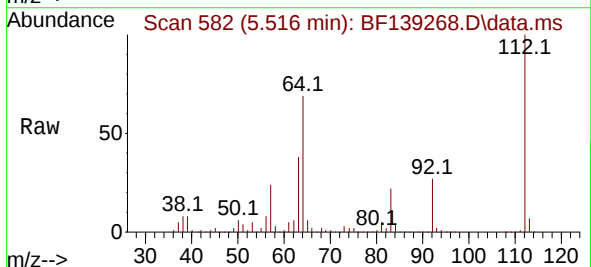
Instrument :
BNA_F
ClientSampleId :
PB163138BL

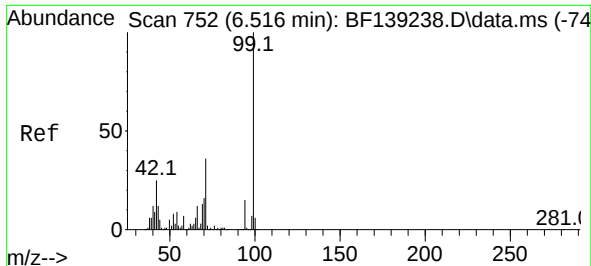
Tgt Ion:152 Resp: 156999
Ion Ratio Lower Upper
152 100
150 156.3 127.0 190.4
115 60.3 46.9 70.3



#5
2-Fluorophenol
Concen: 117.979 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF139268.D
Acq: 06 Sep 2024 09:32

Tgt Ion:112 Resp: 1107235
Ion Ratio Lower Upper
112 100
64 69.2 55.0 82.4
63 38.2 29.9 44.9

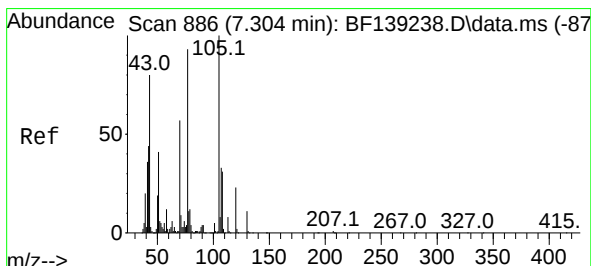
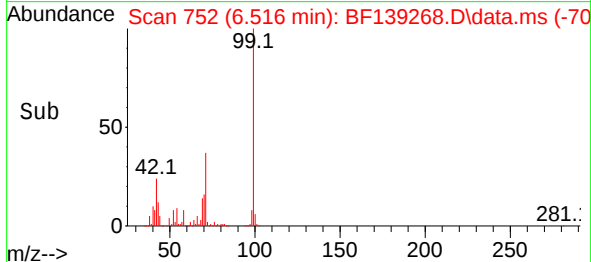
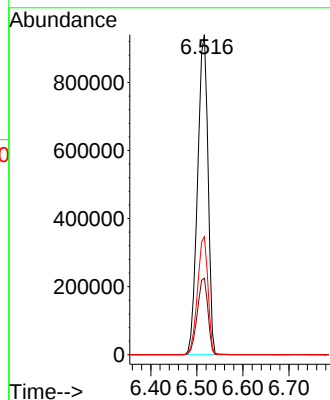
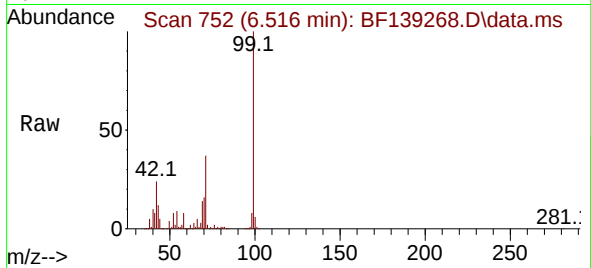




#7
Phenol-d6
Concen: 117.695 ng
RT: 6.516 min Scan# 74
Delta R.T. -0.000 min
Lab File: BF139268.D
Acq: 06 Sep 2024 09:32

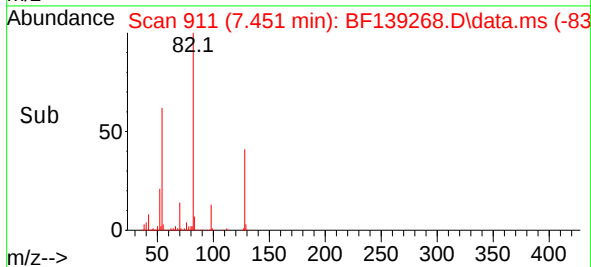
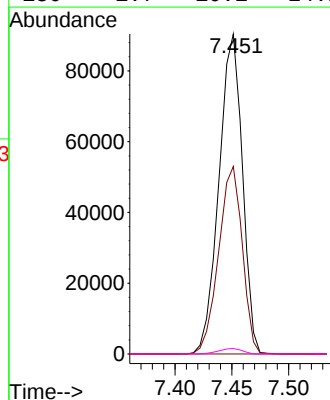
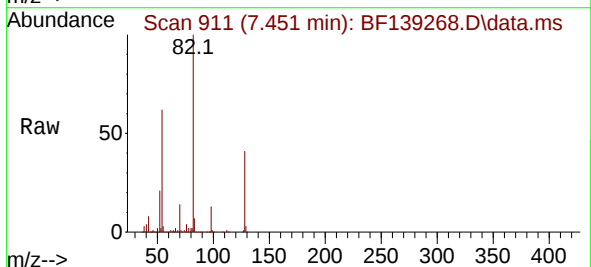
Instrument :
BNA_F
ClientSampleId :
PB163138BL

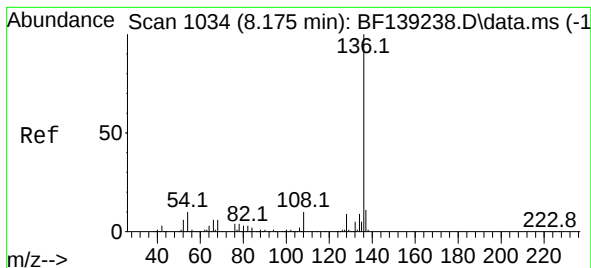
Tgt Ion: 99 Resp: 1474582
Ion Ratio Lower Upper
99 100
42 23.9 19.8 29.6
71 36.8 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 17.972 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139268.D
Acq: 06 Sep 2024 09:32

Tgt Ion: 70 Resp: 129680
Ion Ratio Lower Upper
70 100
42 58.6 61.0 91.6#
101 0.0 7.2 10.8#
130 1.7 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.169 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139268.D

Acq: 06 Sep 2024 09:32

Instrument :

BNA_F

ClientSampleId :

PB163138BL

Tgt Ion:136 Resp: 593248

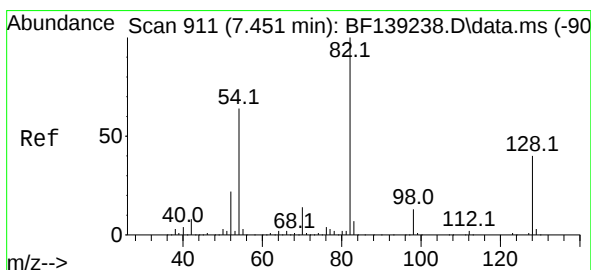
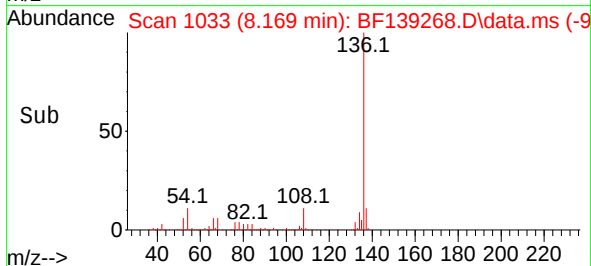
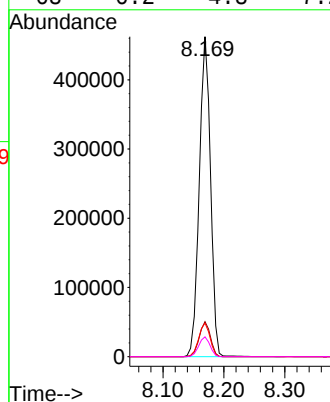
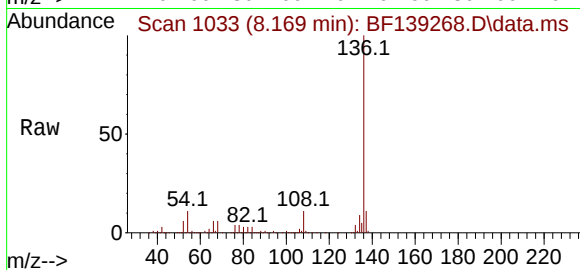
Ion Ratio Lower Upper

136 100

137 10.9 8.6 13.0

54 10.5 8.4 12.6

68 6.2 4.8 7.2



#23

Nitrobenzene-d5

Concen: 82.811 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF139268.D

Acq: 06 Sep 2024 09:32

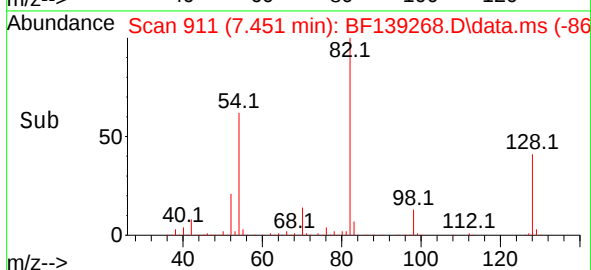
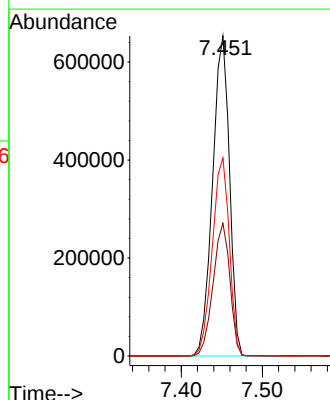
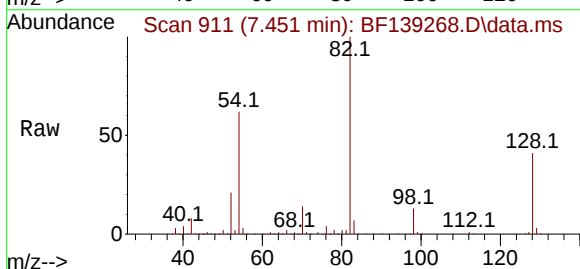
Tgt Ion: 82 Resp: 944345

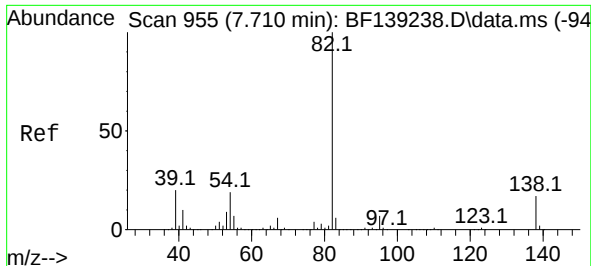
Ion Ratio Lower Upper

82 100

128 41.5 32.3 48.5

54 61.9 51.2 76.8

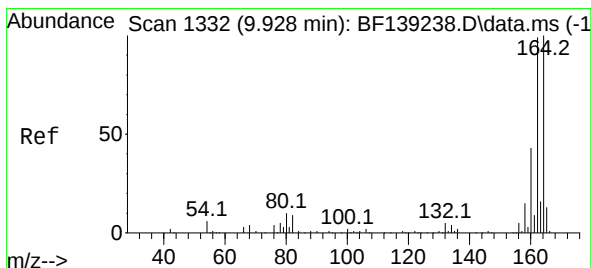
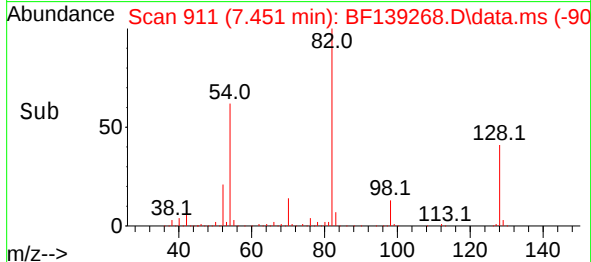
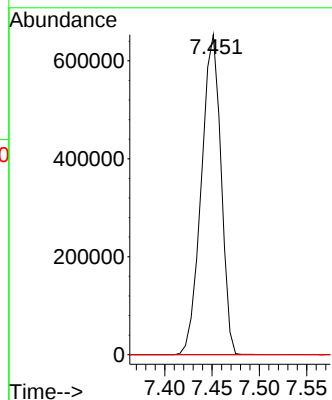
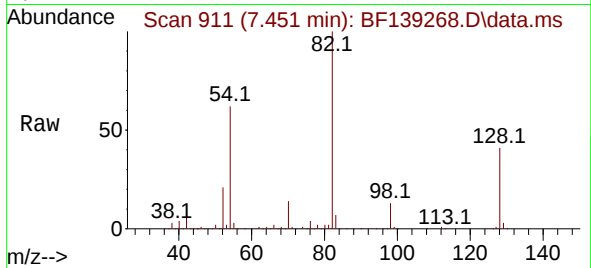




#25
Isophorone
Concen: 48.293 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139268.D
Acq: 06 Sep 2024 09:32

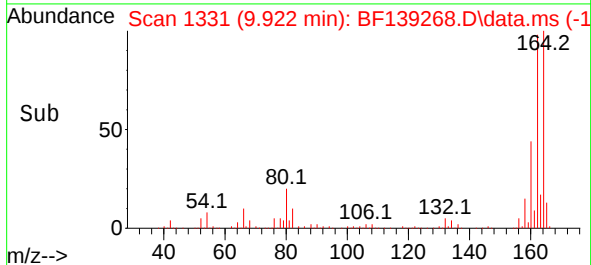
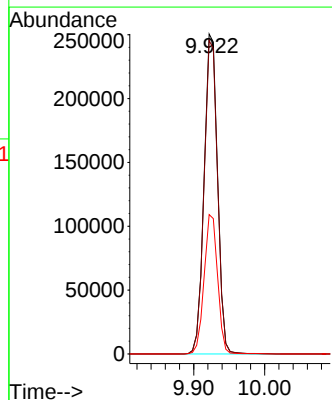
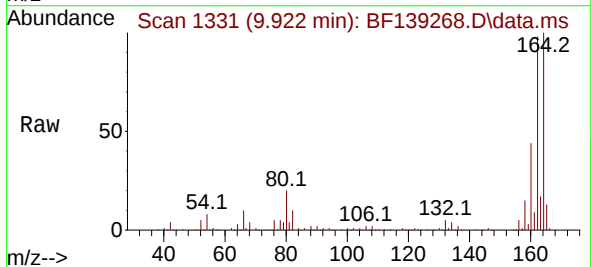
Instrument :
BNA_F
ClientSampleId :
PB163138BL

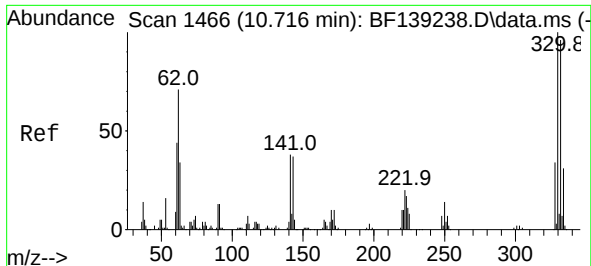
Tgt Ion: 82 Resp: 941539
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139268.D
Acq: 06 Sep 2024 09:32

Tgt Ion:164 Resp: 330690
Ion Ratio Lower Upper
164 100
162 97.9 79.2 118.8
160 43.5 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 113.846 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF139268.D

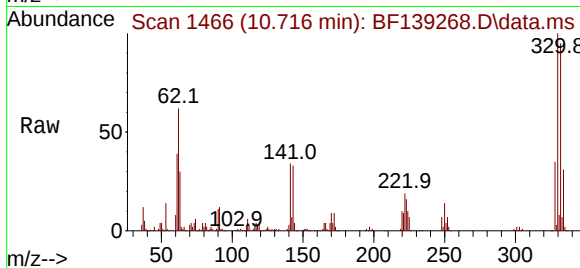
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Instrument :

BNA_F

ClientSampleId :

PB163138BL



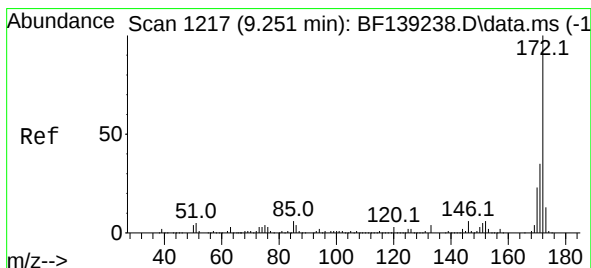
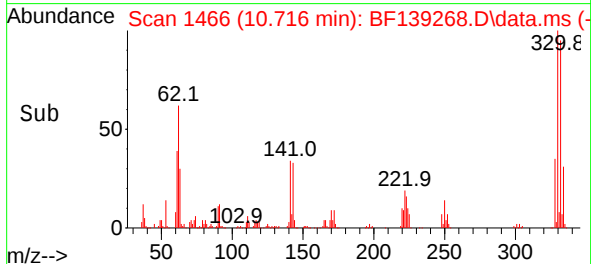
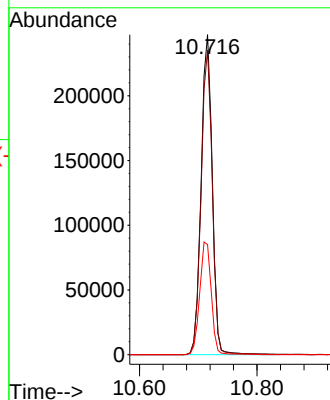
Tgt Ion:330 Resp: 325093

Ion Ratio Lower Upper

330 100

332 95.7 76.6 115.0

141 36.6 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 78.165 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139268.D

Acq: 06 Sep 2024 09:32

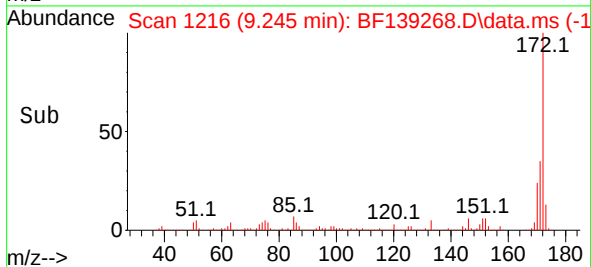
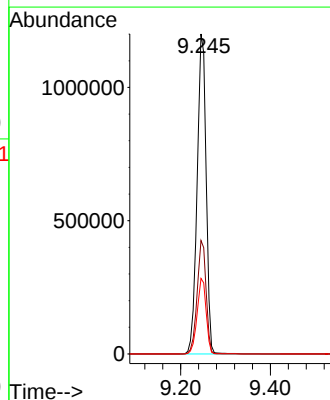
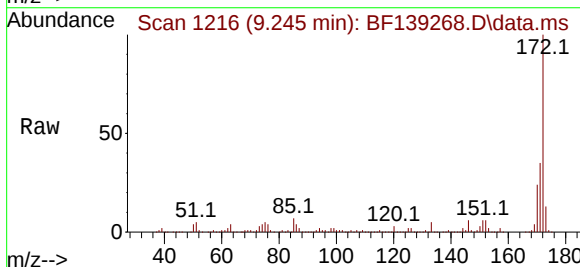
Tgt Ion:172 Resp: 1674518

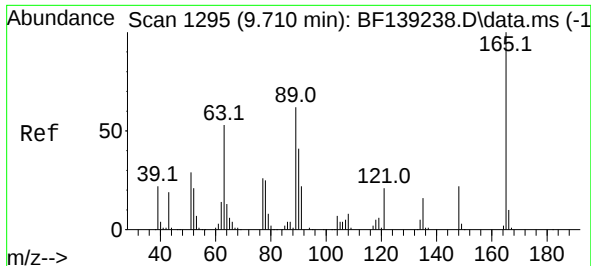
Ion Ratio Lower Upper

172 100

171 35.5 28.3 42.5

170 23.6 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.292 ng

RT: 9.922 min Scan# 1331

Delta R.T. 0.212 min

Lab File: BF139268.D

Acq: 06 Sep 2024 09:32

Instrument :

BNA_F

ClientSampleId :

PB163138BL

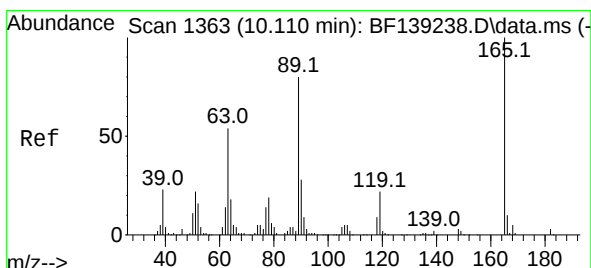
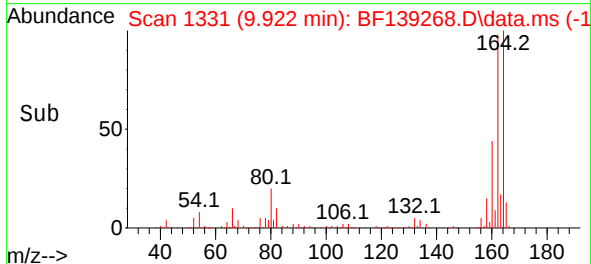
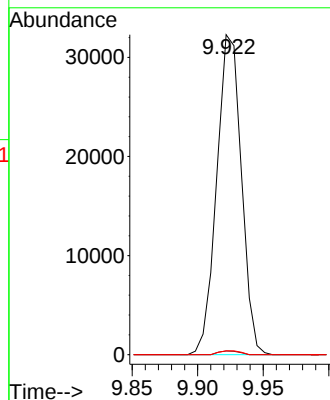
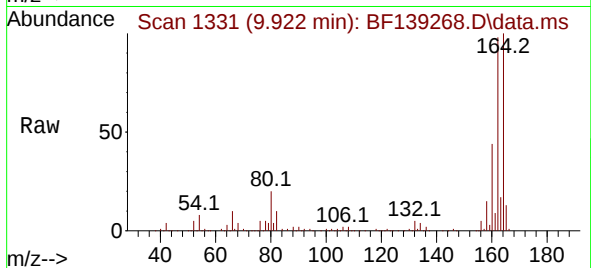
Tgt Ion:165 Resp: 42250

Ion Ratio Lower Upper

165 100

63 1.1 56.1 84.1#

89 1.2 49.7 74.5#



#57

2,4-Dinitrotoluene

Concen: 7.300 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.188 min

Lab File: BF139268.D

Acq: 06 Sep 2024 09:32

Tgt Ion:165 Resp: 42250

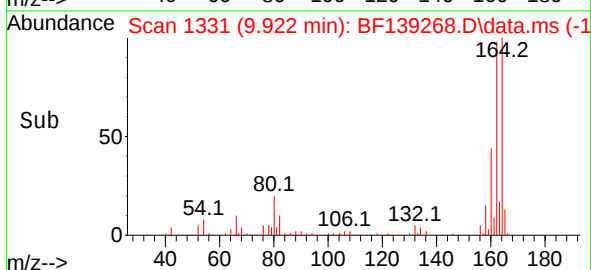
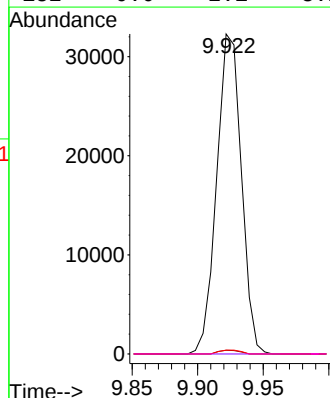
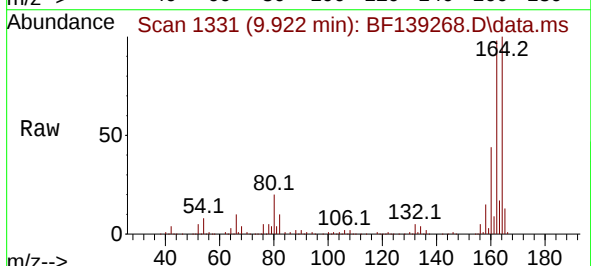
Ion Ratio Lower Upper

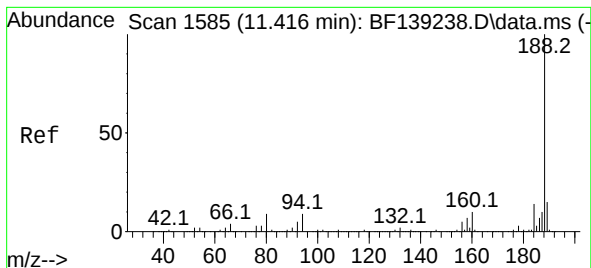
165 100

63 1.1 43.4 65.0#

89 1.2 64.2 96.4#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.410 min Scan# 1466

Delta R.T. -0.006 min

Lab File: BF139268.D

Acq: 06 Sep 2024 09:32

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PB163138BL

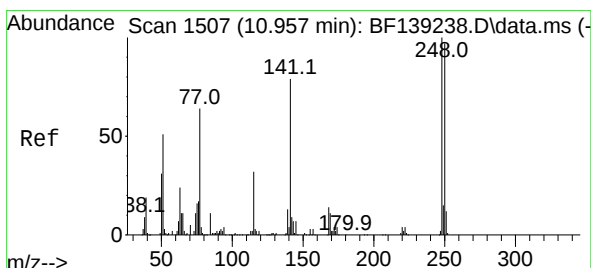
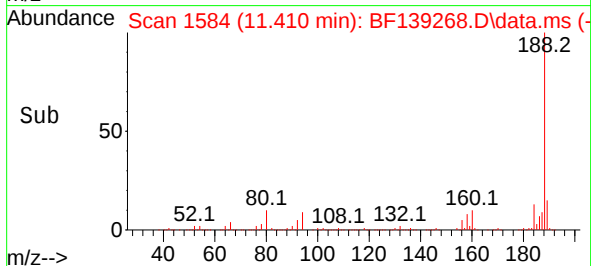
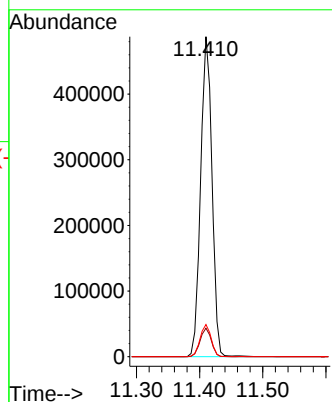
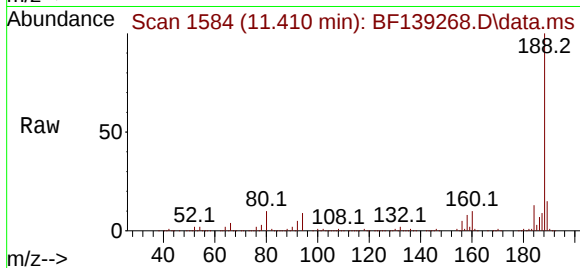
Tgt Ion:188 Resp: 607286

Ion Ratio Lower Upper

188 100

94 8.9 7.0 10.4

80 10.0 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 3.895 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.241 min

Lab File: BF139268.D

Acq: 06 Sep 2024 09:32

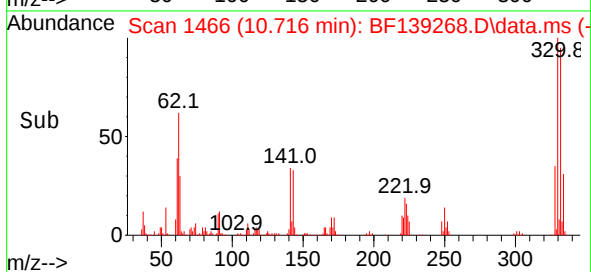
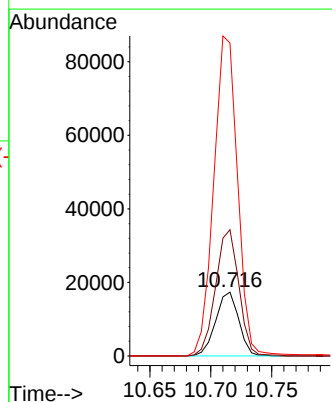
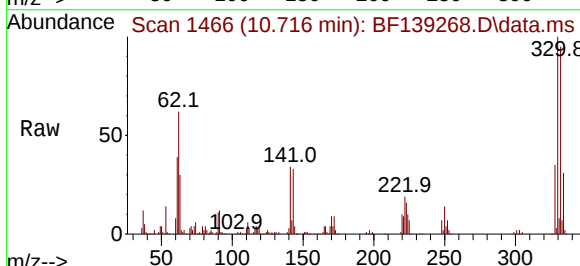
Tgt Ion:248 Resp: 22947

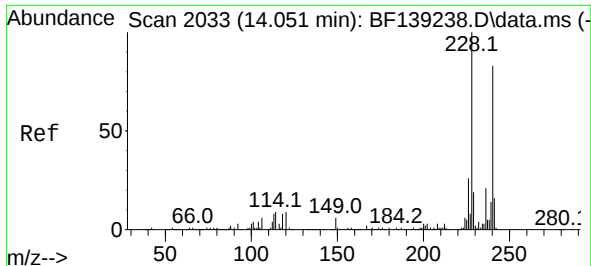
Ion Ratio Lower Upper

248 100

250 197.6 77.2 115.8#

141 489.7 63.6 95.4#

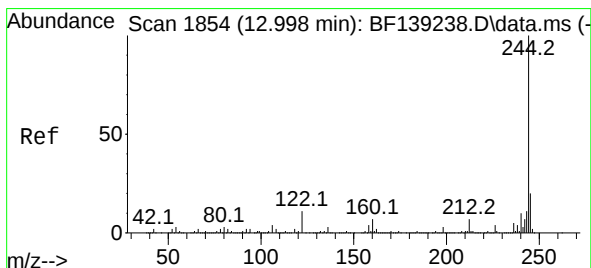
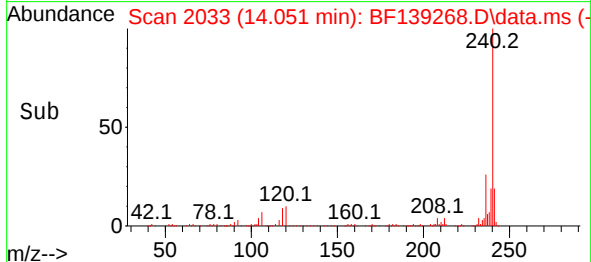
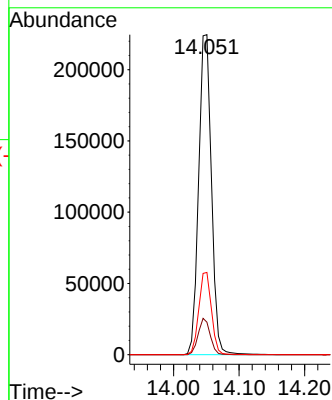
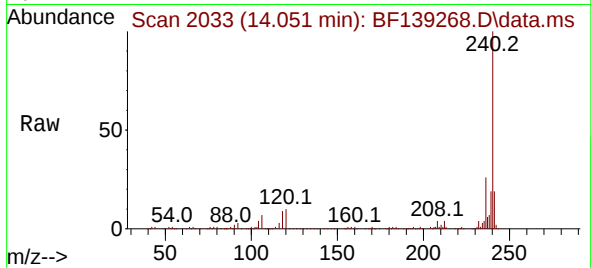




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.051 min Scan# 2033
Delta R.T. -0.000 min
Lab File: BF139268.D
Acq: 06 Sep 2024 09:32

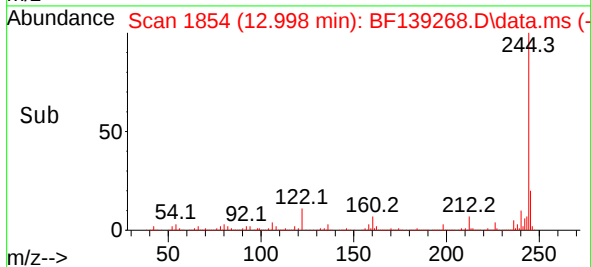
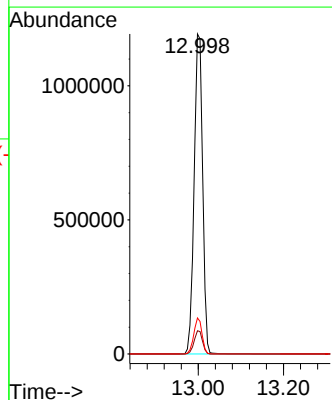
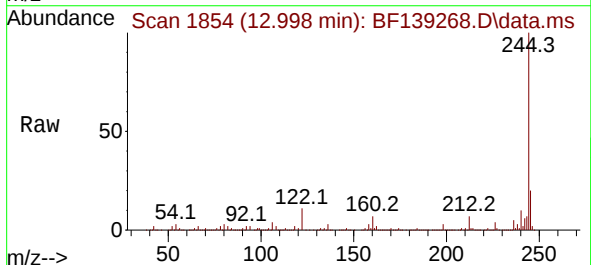
Instrument :
BNA_F
ClientSampleId :
PB163138BL

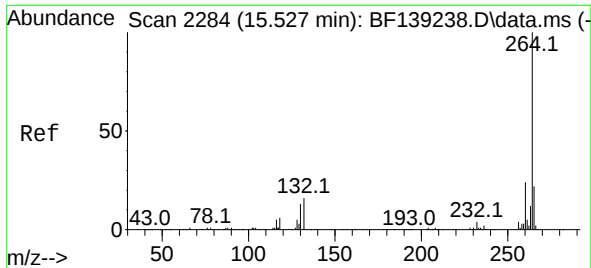
Tgt Ion:240 Resp: 304698
Ion Ratio Lower Upper
240 100
120 10.2 8.6 12.8
236 25.7 20.7 31.1



#79
Terphenyl-d14
Concen: 87.228 ng
RT: 12.998 min Scan# 1854
Delta R.T. -0.000 min
Lab File: BF139268.D
Acq: 06 Sep 2024 09:32

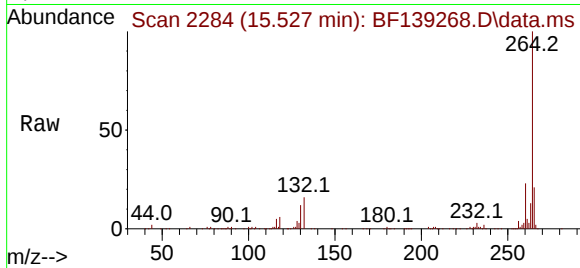
Tgt Ion:244 Resp: 1646138
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 11.2 8.7 13.1





#86
Perylene-d12
Concen: 20.000 ng
RT: 15.527 min Scan# 21
Delta R.T. -0.000 min
Lab File: BF139268.D
Acq: 06 Sep 2024 09:32

Instrument :
BNA_F
ClientSampleId :
PB163138BL



Tgt Ion:264 Resp: 266856
Ion Ratio Lower Upper
264 100
260 23.2 18.8 28.2
265 21.1 17.3 25.9

