

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF090924\
 Data File : BF139281.D
 Acq On : 09 Sep 2024 14:15
 Operator : RC/JU
 Sample : PB163214BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB163214BL

Quant Time: Sep 09 14:49:57 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)

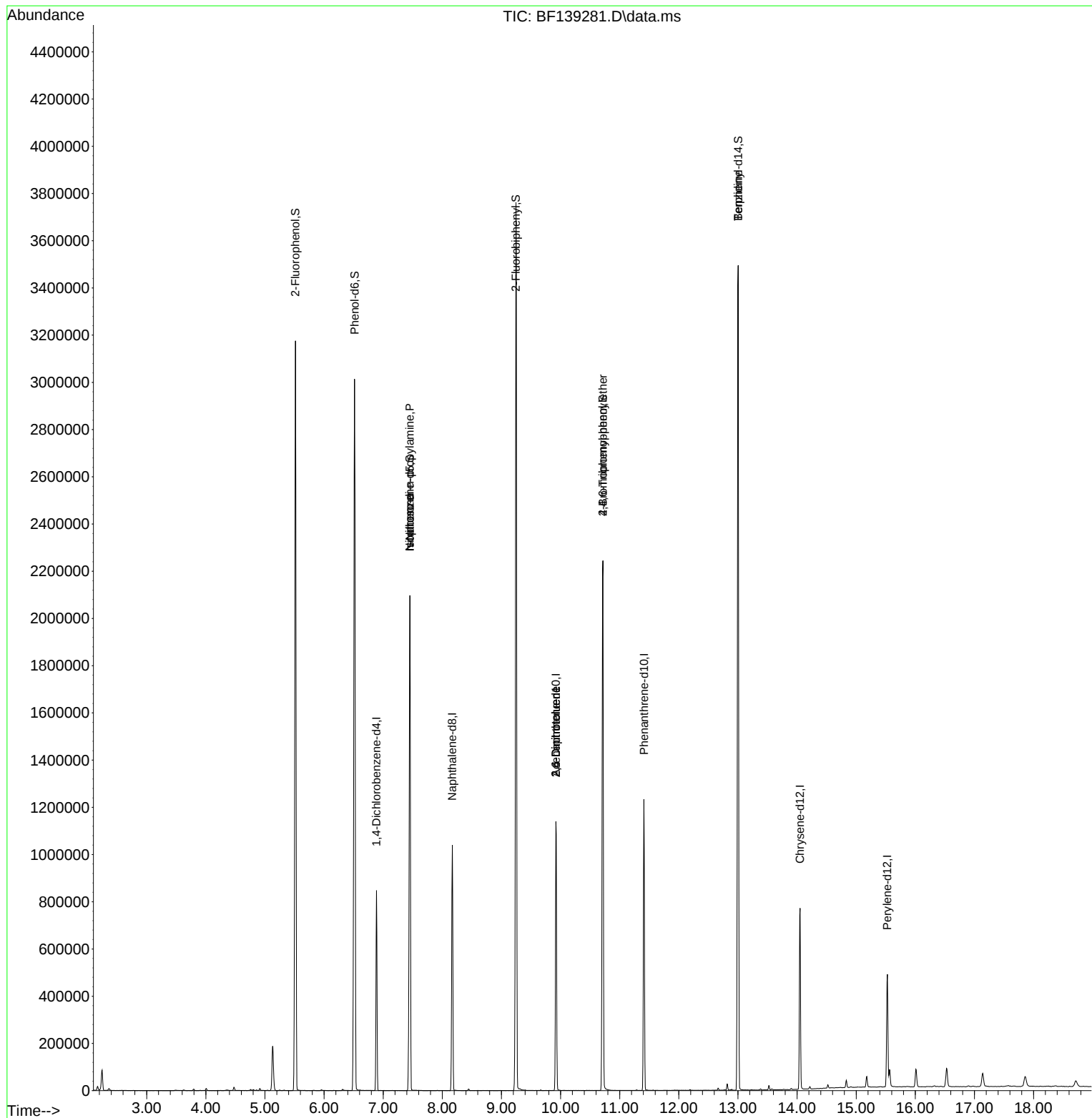
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	162531	20.000	ng	0.00
21) Naphthalene-d8	8.169	136	625793	20.000	ng	0.00
39) Acenaphthene-d10	9.922	164	345706	20.000	ng	0.00
64) Phenanthrene-d10	11.410	188	646106	20.000	ng	0.00
76) Chrysene-d12	14.051	240	372881	20.000	ng	0.00
86) Perylene-d12	15.527	264	284691	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	1153509	118.726	ng	0.01
7) Phenol-d6	6.516	99	1501632	115.775	ng	0.00
23) Nitrobenzene-d5	7.451	82	987677	82.107	ng	0.00
42) 2,4,6-Tribromophenol	10.716	330	362736	121.510	ng	0.00
45) 2-Fluorobiphenyl	9.245	172	1740392	77.712	ng	0.00
79) Terphenyl-d14	13.004	244	1817893	78.715	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.451	70	135351	18.119	ng	# 75
25) Isophorone	7.451	82	984495	47.870	ng	# 67
51) 2,6-Dinitrotoluene	9.922	165	45025	9.472	ng	# 18
57) 2,4-Dinitrotoluene	9.922	165	45026	7.442	ng	# 18
67) 4-Bromophenyl-phenylether	10.716	248	25244	4.027	ng	# 1
77) Benzidine	13.004	184	25659	3.418	ng	# 94

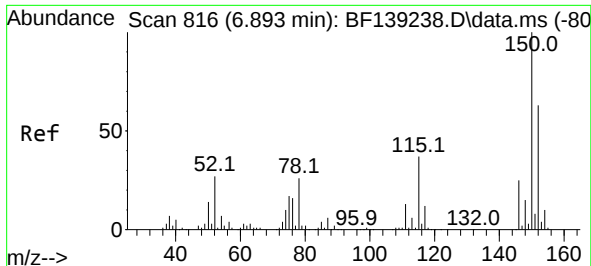
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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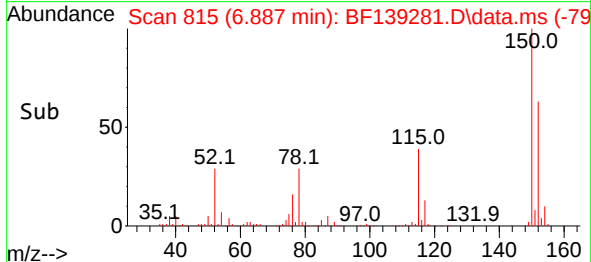
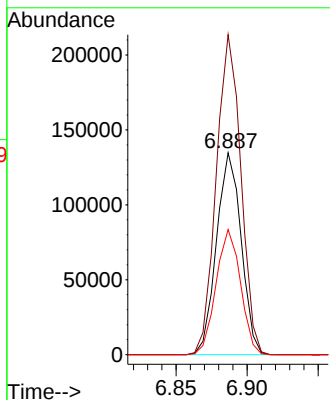
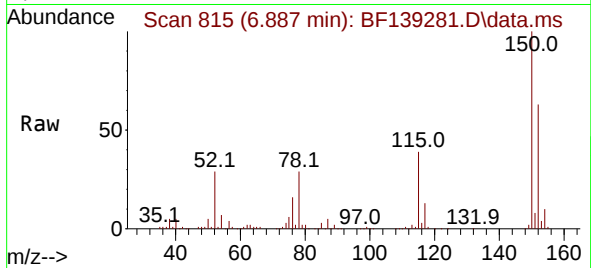




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139281.D
Acq: 09 Sep 2024 14:15

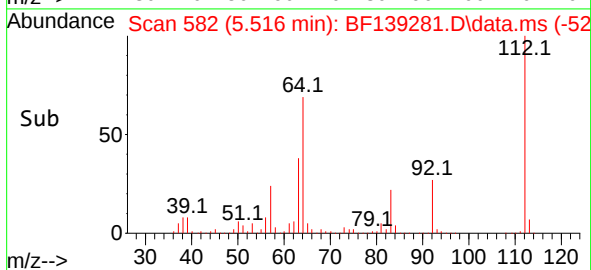
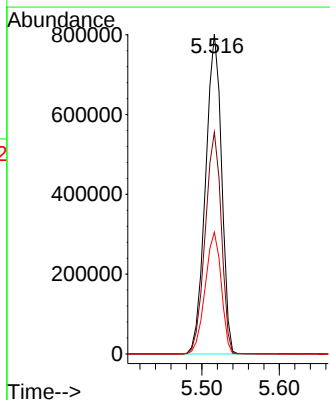
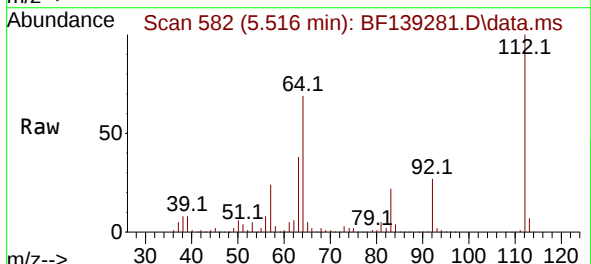
Instrument :
BNA_F
ClientSampleId :
PB163214BL

Tgt Ion:152 Resp: 162531
Ion Ratio Lower Upper
152 100
150 158.5 127.0 190.4
115 62.0 46.9 70.3



#5
2-Fluorophenol
Concen: 118.726 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF139281.D
Acq: 09 Sep 2024 14:15

Tgt Ion:112 Resp: 1153509
Ion Ratio Lower Upper
112 100
64 69.3 55.0 82.4
63 38.1 29.9 44.9

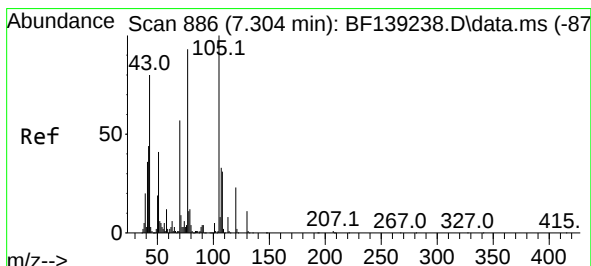
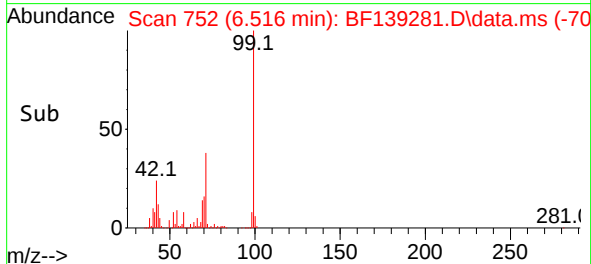
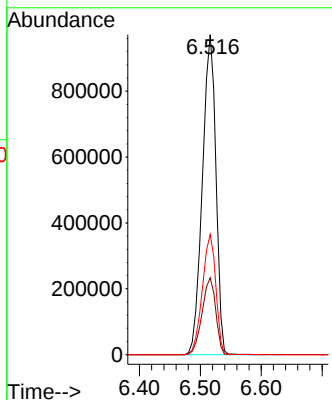
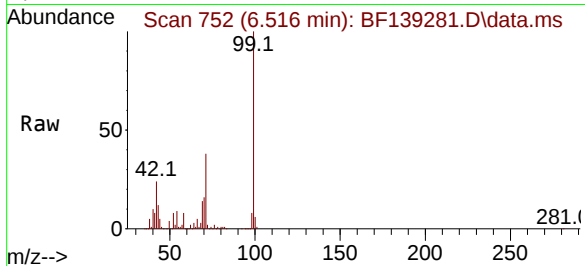




#7
Phenol-d6
Concen: 115.775 ng
RT: 6.516 min Scan# 71
Delta R.T. -0.000 min
Lab File: BF139281.D
Acq: 09 Sep 2024 14:15

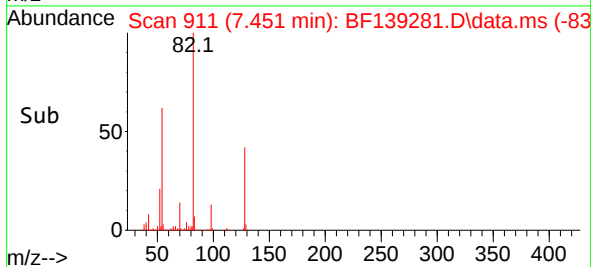
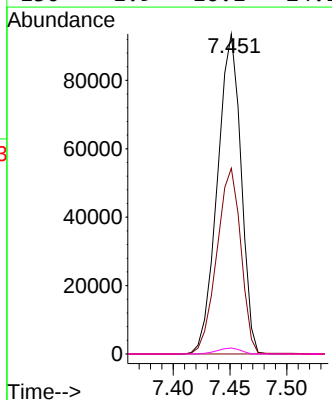
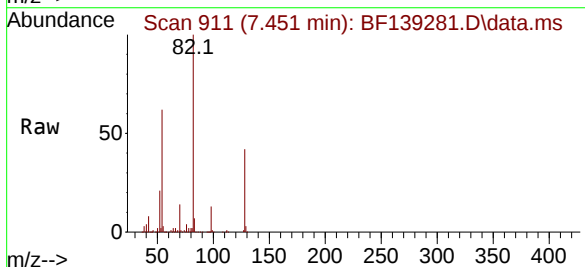
Instrument :
BNA_F
ClientSampleId :
PB163214BL

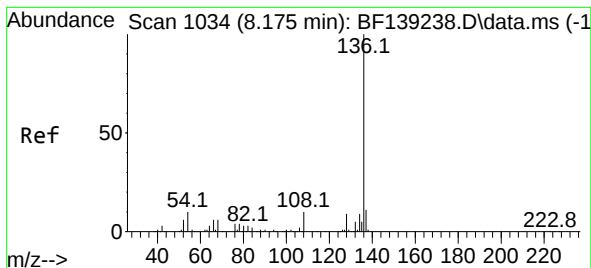
Tgt Ion: 99 Resp: 1501632
Ion Ratio Lower Upper
99 100
42 24.1 19.8 29.6
71 37.6 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 18.119 ng
RT: 7.451 min Scan# 911
Delta R.T. 0.147 min
Lab File: BF139281.D
Acq: 09 Sep 2024 14:15

Tgt Ion: 70 Resp: 135351
Ion Ratio Lower Upper
70 100
42 58.1 61.0 91.6#
101 0.0 7.2 10.8#
130 1.9 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: BF139281.D

Acq: 09 Sep 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB163214BL

Tgt Ion:136 Resp: 625793

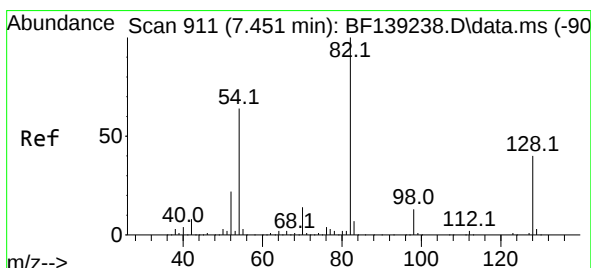
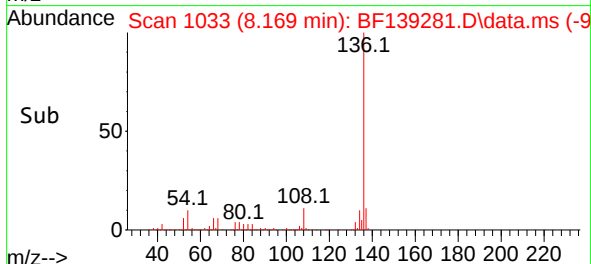
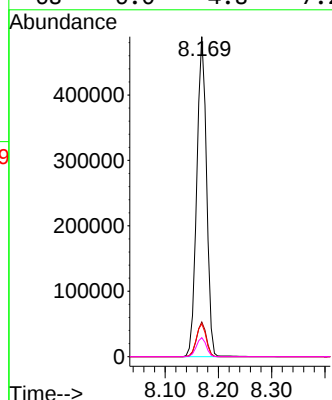
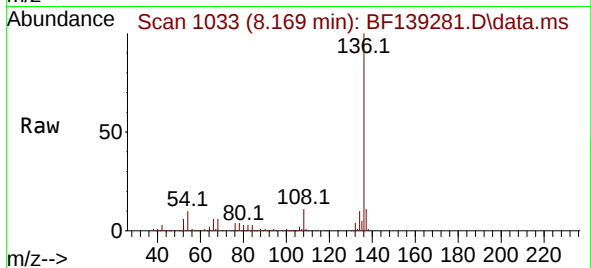
Ion Ratio Lower Upper

136 100

137 10.8 8.6 13.0

54 10.3 8.4 12.6

68 6.0 4.8 7.2



#23

Nitrobenzene-d5

Concen: 82.107 ng

RT: 7.451 min Scan# 911

Delta R.T. -0.000 min

Lab File: BF139281.D

Acq: 09 Sep 2024 14:15

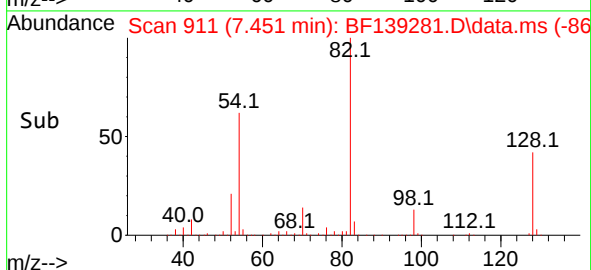
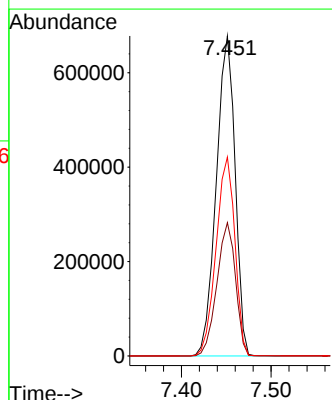
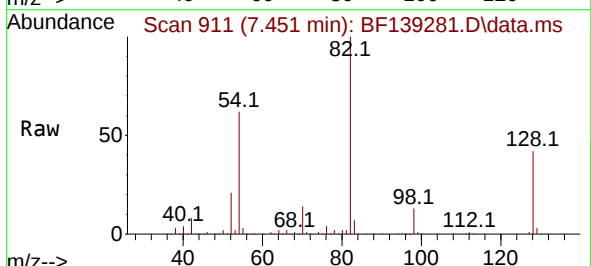
Tgt Ion: 82 Resp: 987677

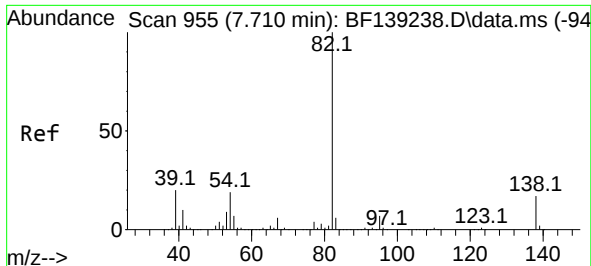
Ion Ratio Lower Upper

82 100

128 41.6 32.3 48.5

54 62.2 51.2 76.8

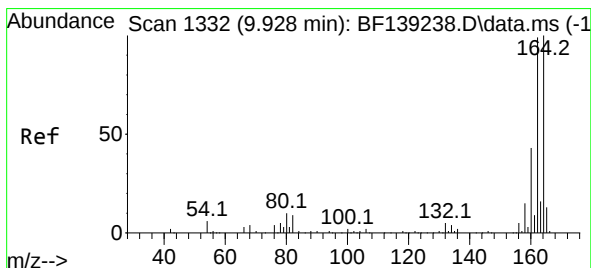
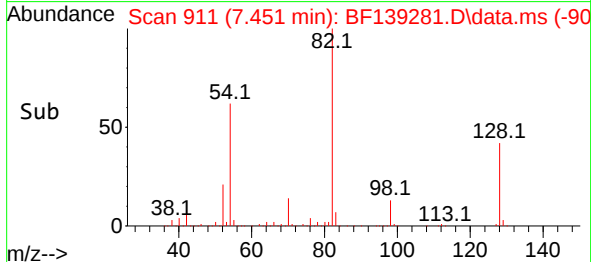
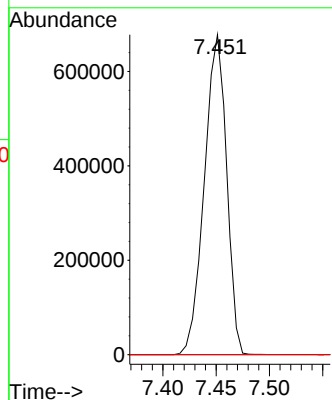
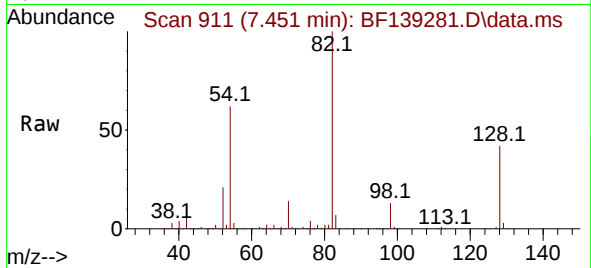




#25
Isophorone
Concen: 47.870 ng
RT: 7.451 min Scan# 911
Delta R.T. -0.259 min
Lab File: BF139281.D
Acq: 09 Sep 2024 14:15

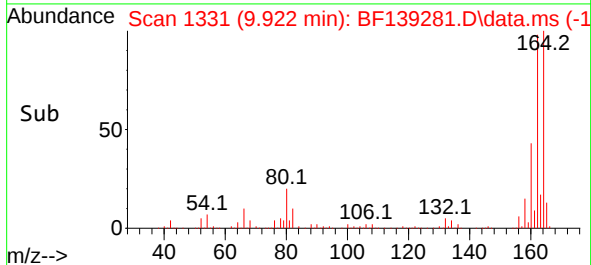
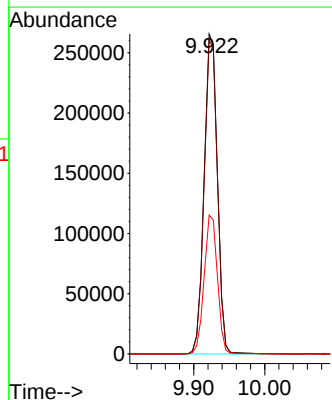
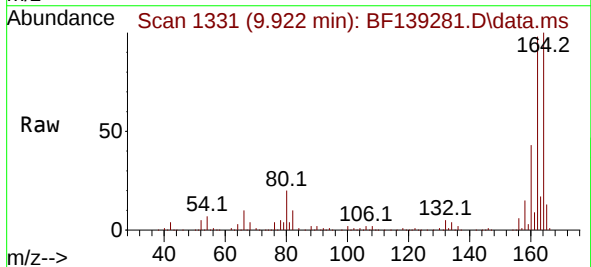
Instrument :
BNA_F
ClientSampleId :
PB163214BL

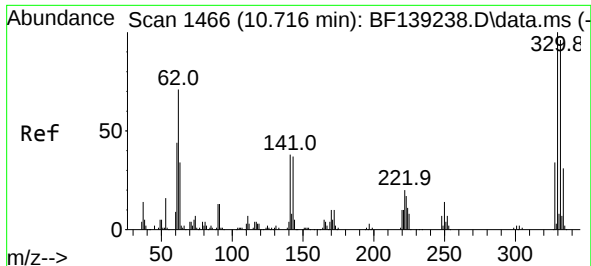
Tgt Ion: 82 Resp: 984495
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.922 min Scan# 1331
Delta R.T. -0.006 min
Lab File: BF139281.D
Acq: 09 Sep 2024 14:15

Tgt Ion: 164 Resp: 345706
Ion Ratio Lower Upper
164 100
162 98.2 79.2 118.8
160 43.4 34.2 51.2





#42

2,4,6-Tribromophenol

Concen: 121.510 ng

RT: 10.716 min Scan# 1466

Delta R.T. -0.000 min

Lab File: BF139281.D

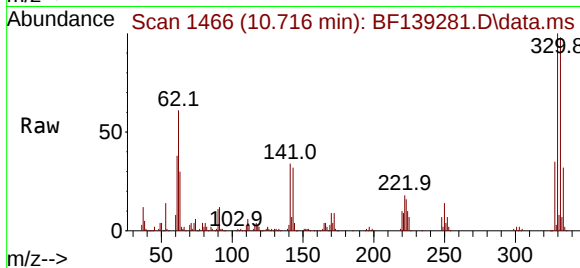
Acq: 09 Sep 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB163214BL



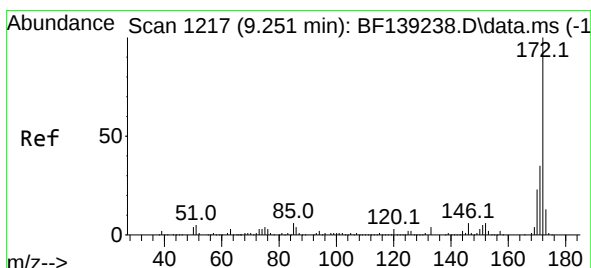
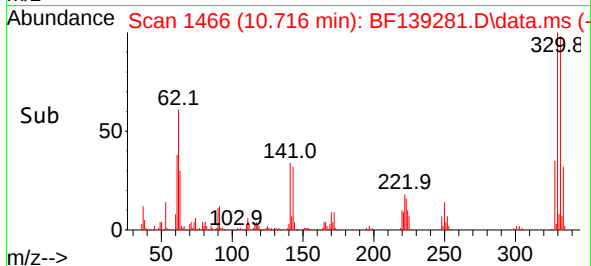
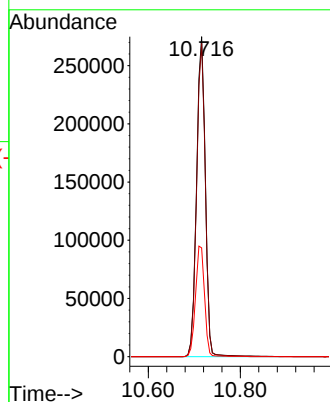
Tgt Ion:330 Resp: 362736

Ion Ratio Lower Upper

330 100

332 97.5 76.6 115.0

141 35.7 30.1 45.1



#45

2-Fluorobiphenyl

Concen: 77.712 ng

RT: 9.245 min Scan# 1216

Delta R.T. -0.006 min

Lab File: BF139281.D

Acq: 09 Sep 2024 14:15

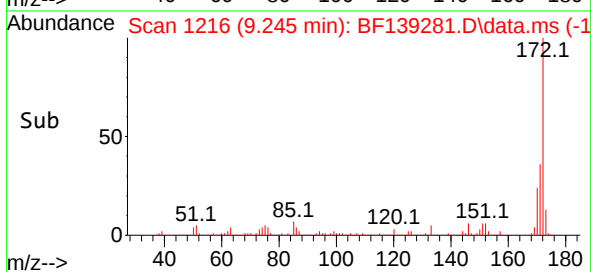
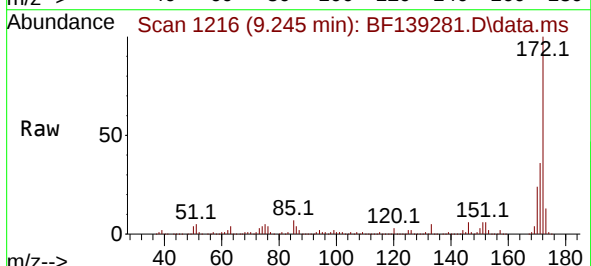
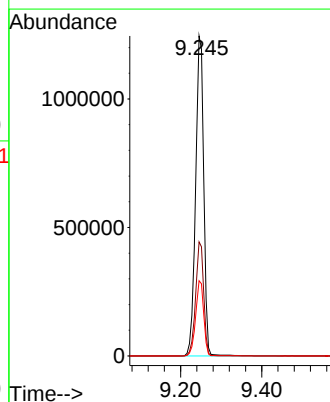
Tgt Ion:172 Resp: 1740392

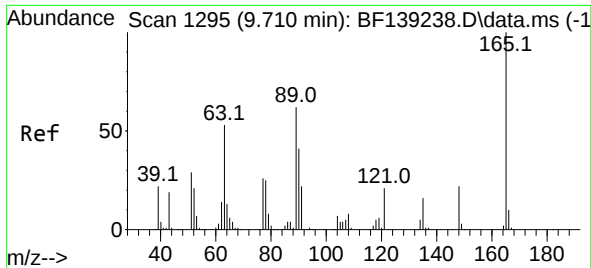
Ion Ratio Lower Upper

172 100

171 35.6 28.3 42.5

170 23.5 18.7 28.1





#51

2,6-Dinitrotoluene

Concen: 9.472 ng

RT: 9.922 min Scan# 11

Delta R.T. 0.212 min

Lab File: BF139281.D

Acq: 09 Sep 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB163214BL

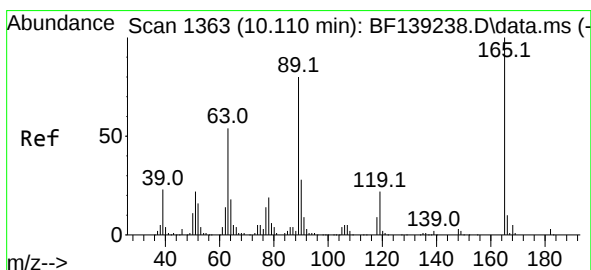
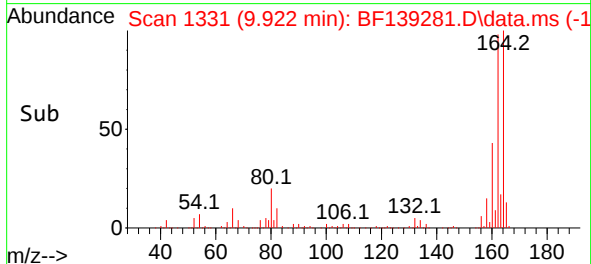
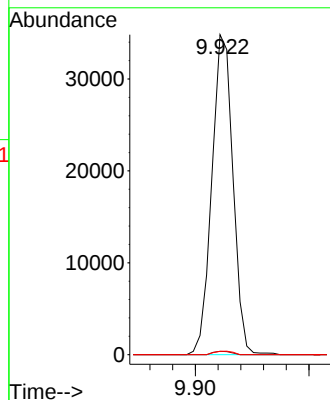
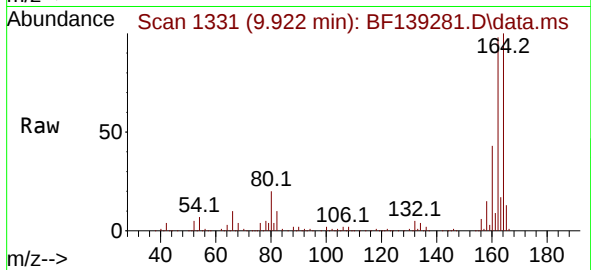
Tgt Ion:165 Resp: 45025

Ion Ratio Lower Upper

165 100

63 1.1 56.1 84.1#

89 1.1 49.7 74.5#



#57

2,4-Dinitrotoluene

Concen: 7.442 ng

RT: 9.922 min Scan# 1331

Delta R.T. -0.188 min

Lab File: BF139281.D

Acq: 09 Sep 2024 14:15

Tgt Ion:165 Resp: 45026

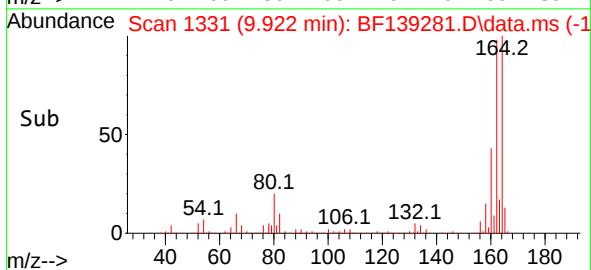
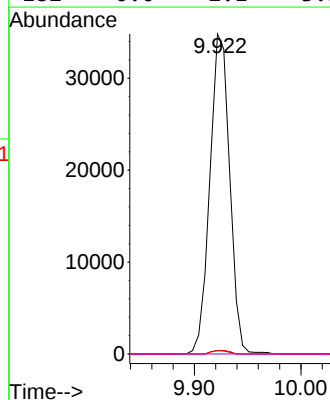
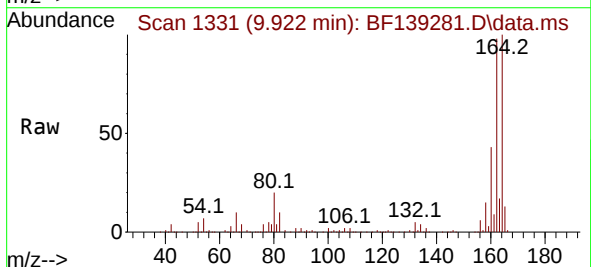
Ion Ratio Lower Upper

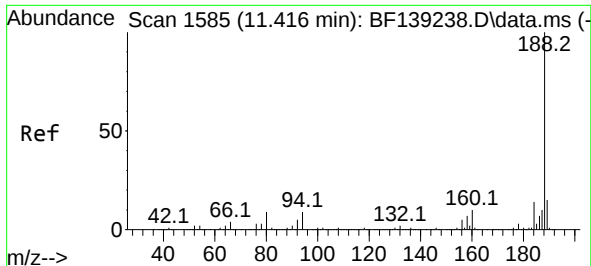
165 100

63 1.1 43.4 65.0#

89 1.1 64.2 96.4#

182 0.0 2.1 3.1#

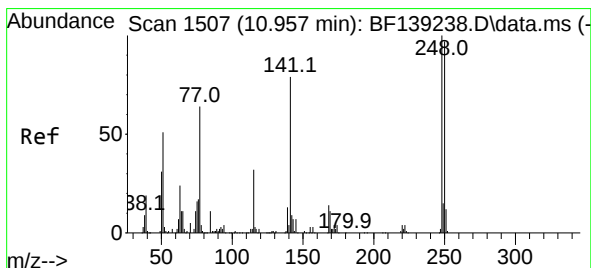
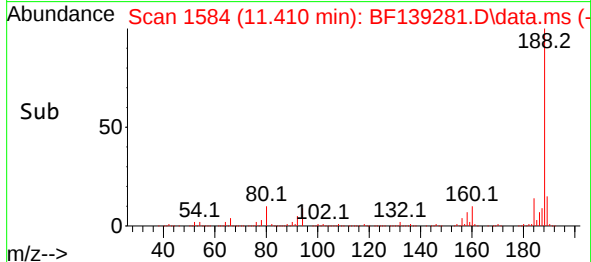
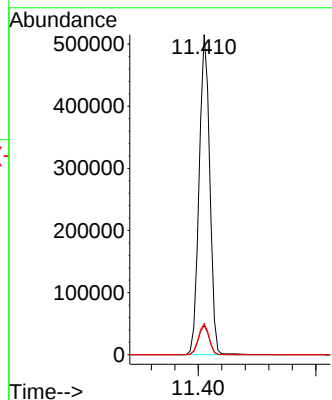
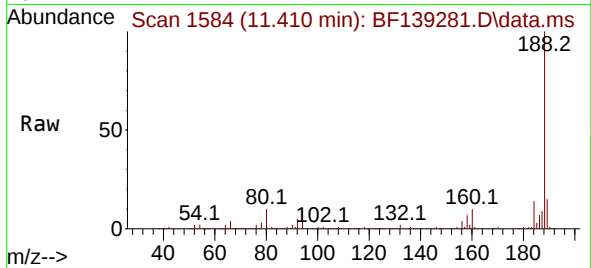




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.410 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139281.D
Acq: 09 Sep 2024 14:15

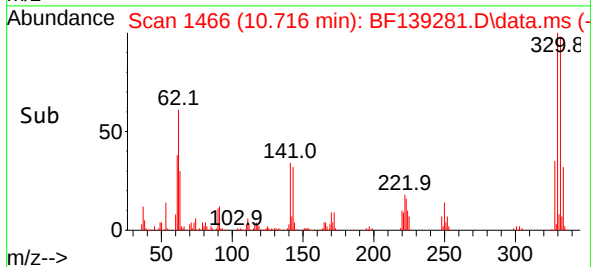
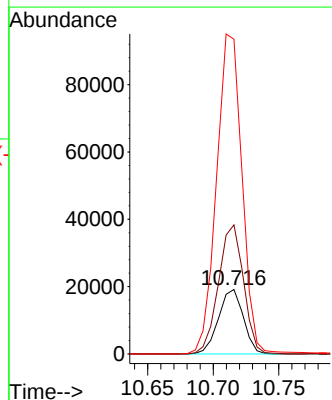
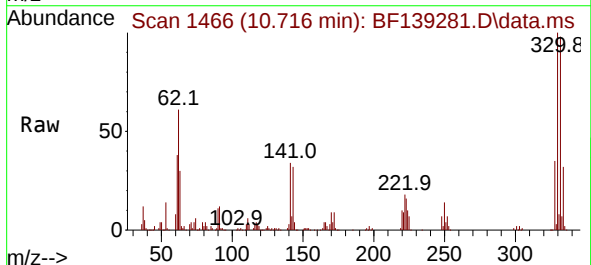
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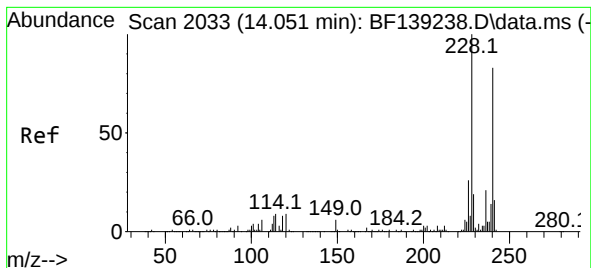
Tgt Ion:188 Resp: 646106
Ion Ratio Lower Upper
188 100
94 9.1 7.0 10.4
80 9.7 7.3 10.9



#67
4-Bromophenyl-phenylether
Concen: 4.027 ng
RT: 10.716 min Scan# 1466
Delta R.T. -0.241 min
Lab File: BF139281.D
Acq: 09 Sep 2024 14:15

Tgt Ion:248 Resp: 25244
Ion Ratio Lower Upper
248 100
250 200.5 77.2 115.8#
141 488.5 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: BF139281.D

Acq: 09 Sep 2024 14:15

Instrument :

BNA_F

ClientSampleId :

PB163214BL

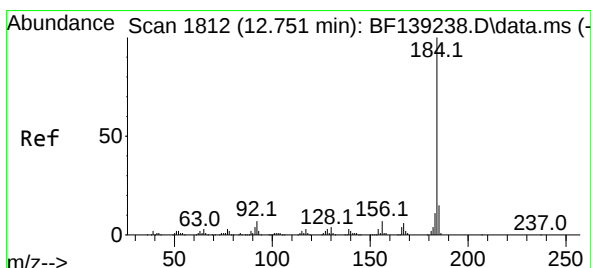
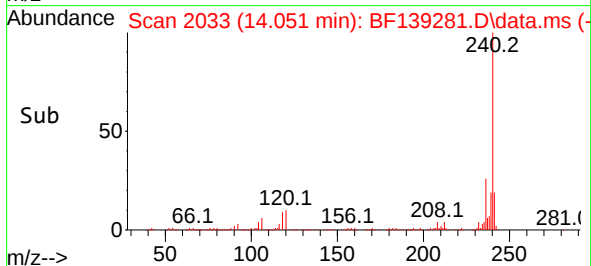
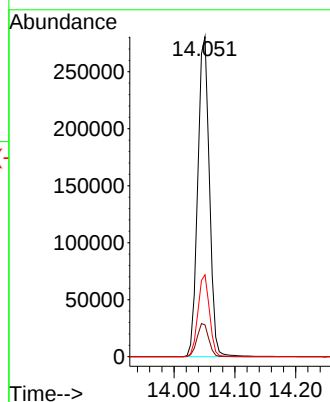
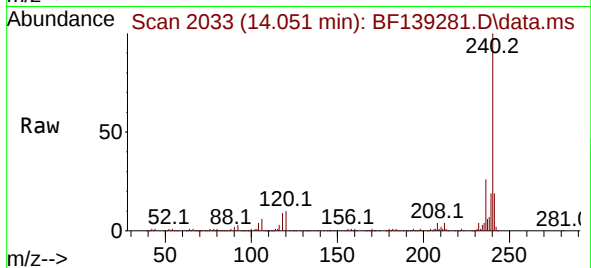
Tgt Ion:240 Resp: 372881

Ion Ratio Lower Upper

240 100

120 10.0 8.6 12.8

236 25.6 20.7 31.1



#77

Benzidine

Concen: 3.418 ng

RT: 13.004 min Scan# 1855

Delta R.T. 0.253 min

Lab File: BF139281.D

Acq: 09 Sep 2024 14:15

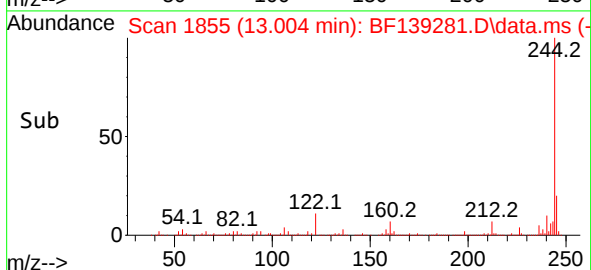
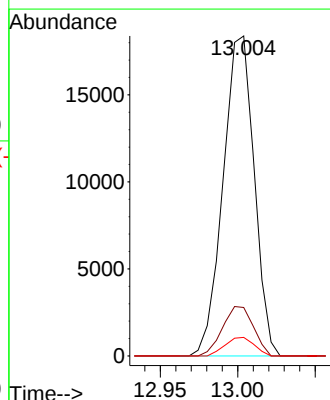
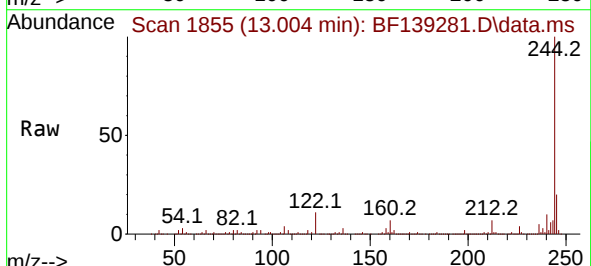
Tgt Ion:184 Resp: 25659

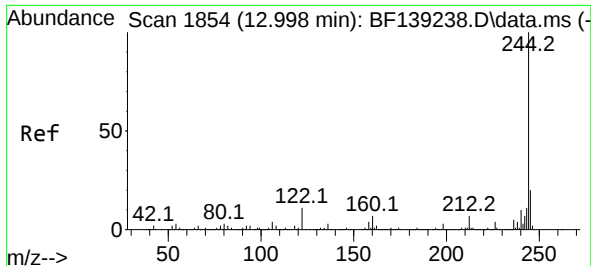
Ion Ratio Lower Upper

184 100

185 15.1 11.9 17.9

183 5.8 8.8 13.2#

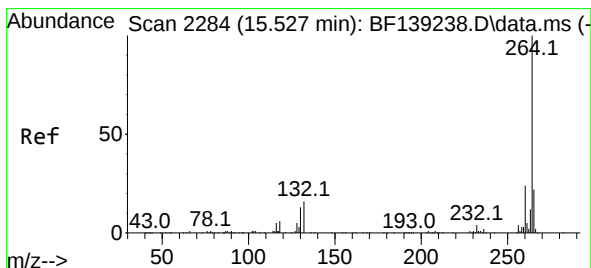
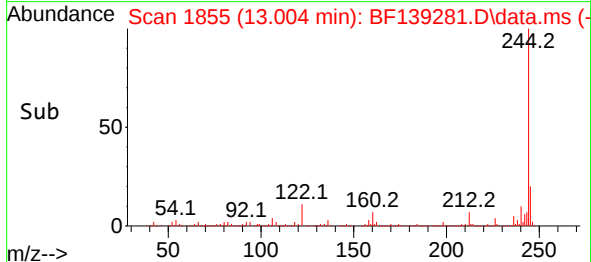
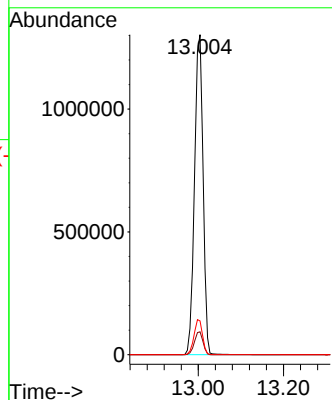
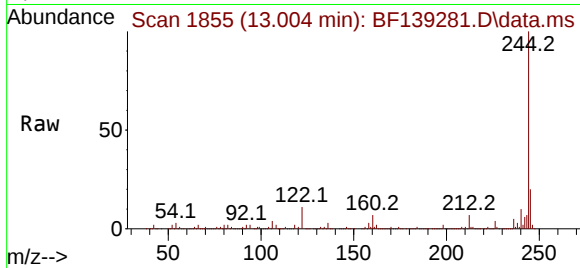




#79
 Terphenyl-d14
 Concen: 78.715 ng
 RT: 13.004 min Scan# 11
 Delta R.T. 0.006 min
 Lab File: BF139281.D
 Acq: 09 Sep 2024 14:15

Instrument :
 BNA_F
 ClientSampleId :
 PB163214BL

Tgt Ion:244 Resp: 1817893
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.9 8.9
 122 10.5 8.7 13.1



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.527 min Scan# 2284
 Delta R.T. -0.000 min
 Lab File: BF139281.D
 Acq: 09 Sep 2024 14:15

Tgt Ion:264 Resp: 284691
 Ion Ratio Lower Upper
 264 100
 260 23.3 18.8 28.2
 265 21.2 17.3 25.9

