

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091124\
 Data File : BF139323.D
 Acq On : 11 Sep 2024 14:10
 Operator : RC/JU
 Sample : P3907-08
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PL-701-COMP-55

Quant Time: Sep 11 14:37:45 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)

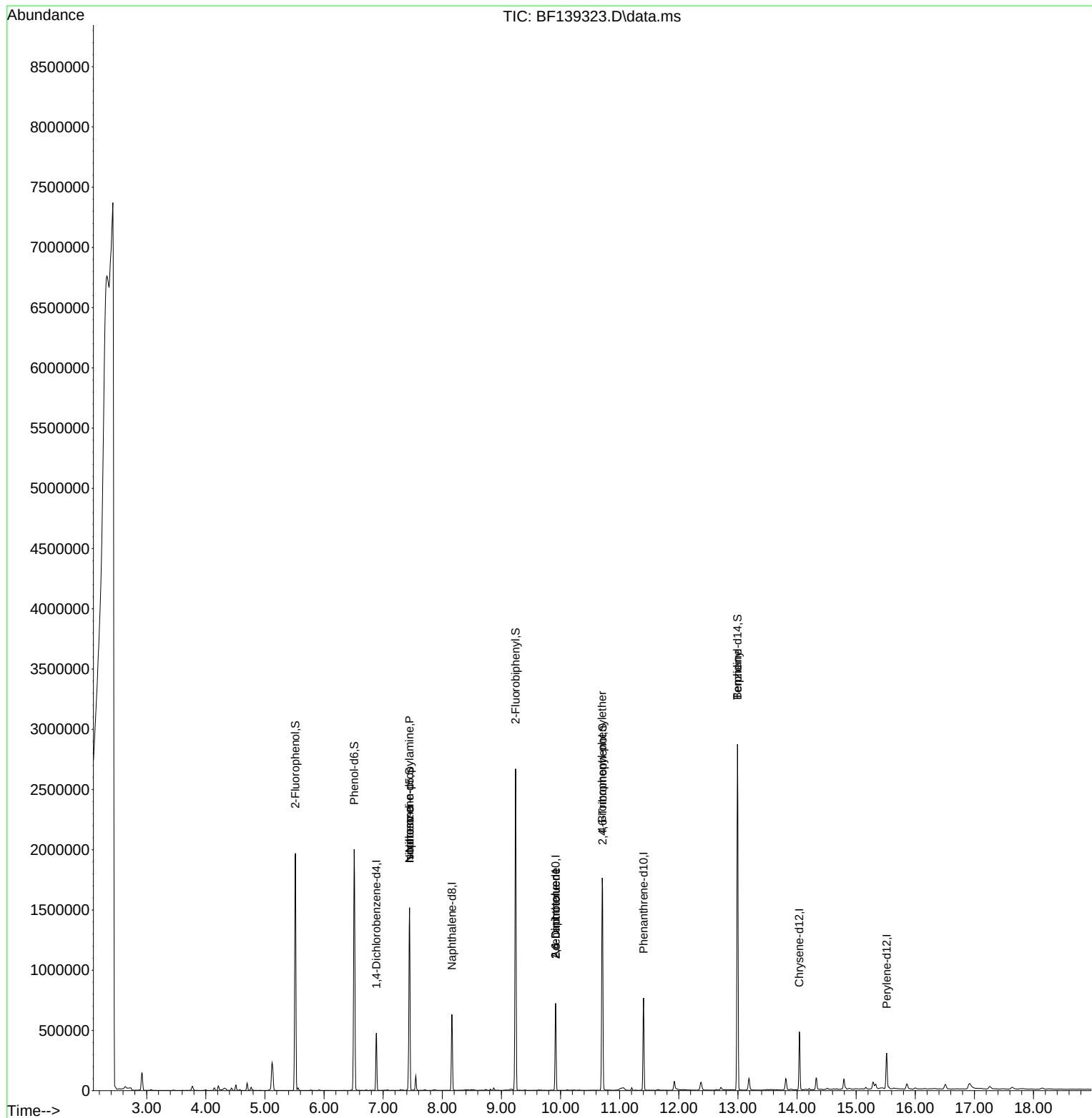
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.887	152	97980	20.000	ng	0.00
21) Naphthalene-d8	8.163	136	366022	20.000	ng	-0.01
39) Acenaphthene-d10	9.916	164	209143	20.000	ng	-0.01
64) Phenanthrene-d10	11.404	188	389697	20.000	ng	-0.01
76) Chrysene-d12	14.039	240	222618	20.000	ng	-0.01
86) Perylene-d12	15.516	264	171301	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.516	112	702846	120.001	ng	0.01
7) Phenol-d6	6.510	99	904085	115.627	ng	0.00
23) Nitrobenzene-d5	7.445	82	660820	93.922	ng	0.00
42) 2,4,6-Tribromophenol	10.710	330	280069	155.078	ng	0.00
45) 2-Fluorobiphenyl	9.239	172	1153918	85.168	ng	-0.01
79) Terphenyl-d14	12.992	244	1379019	100.016	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.445	70	90842	20.172	ng	# 74
25) Isophorone	7.445	82	658932	54.779	ng	# 67
51) 2,6-Dinitrotoluene	9.916	165	27369	9.517	ng	# 18
57) 2,4-Dinitrotoluene	9.916	165	27369	7.477	ng	# 18
67) 4-Bromophenyl-phenylether	10.704	248	19295	5.103	ng	# 1
77) Benzidine	12.992	184	18787	4.191	ng	# 93

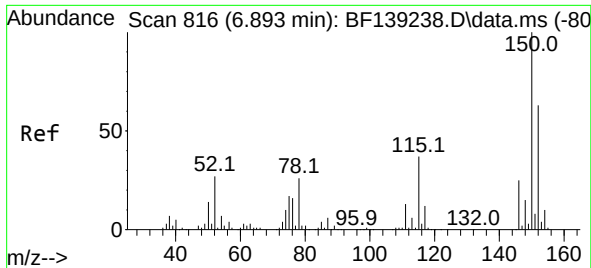
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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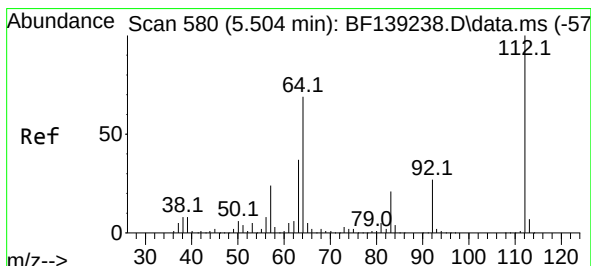
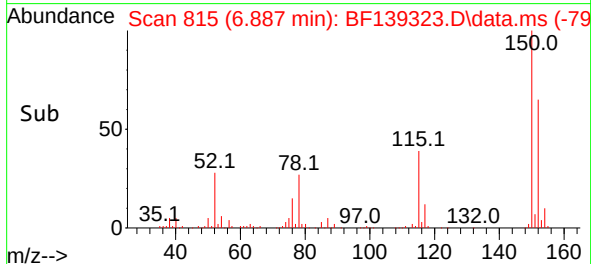
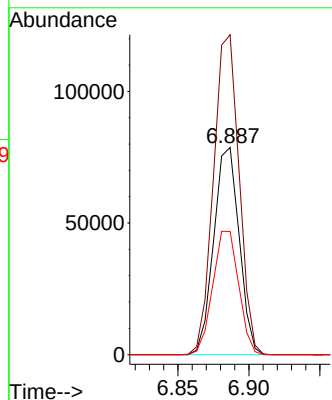
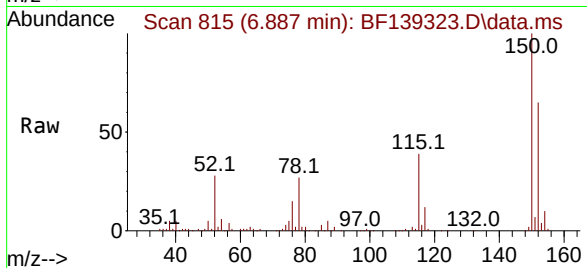




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.887 min Scan# 816
Delta R.T. -0.006 min
Lab File: BF139323.D
Acq: 11 Sep 2024 14:10

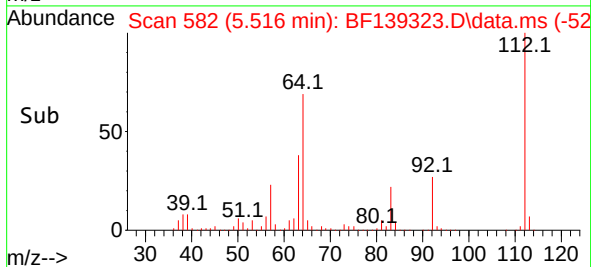
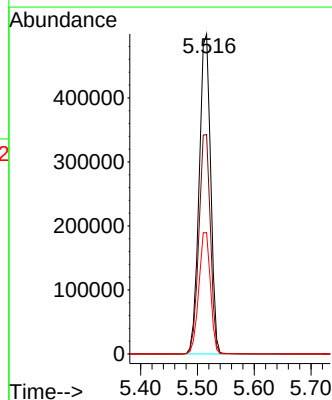
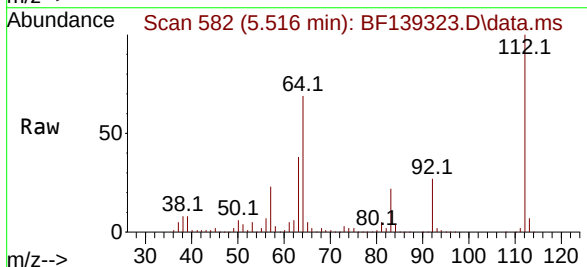
Instrument :
BNA_F
ClientSampleId :
PL-701-COMP-55

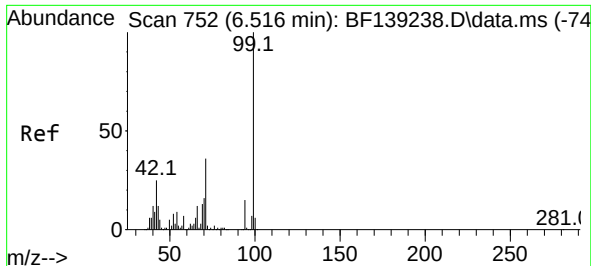
Tgt Ion:152 Resp: 97980
Ion Ratio Lower Upper
152 100
150 154.4 127.0 190.4
115 59.5 46.9 70.3



#5
2-Fluorophenol
Concen: 120.001 ng
RT: 5.516 min Scan# 582
Delta R.T. 0.012 min
Lab File: BF139323.D
Acq: 11 Sep 2024 14:10

Tgt Ion:112 Resp: 702846
Ion Ratio Lower Upper
112 100
64 68.6 55.0 82.4
63 37.9 29.9 44.9

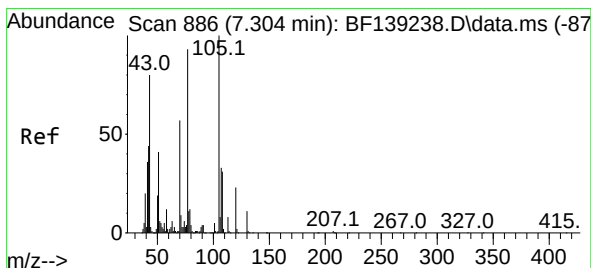
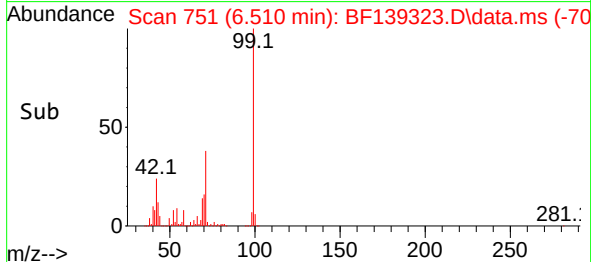
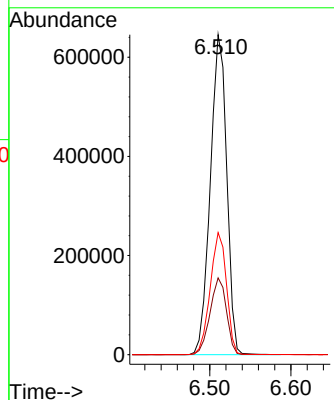
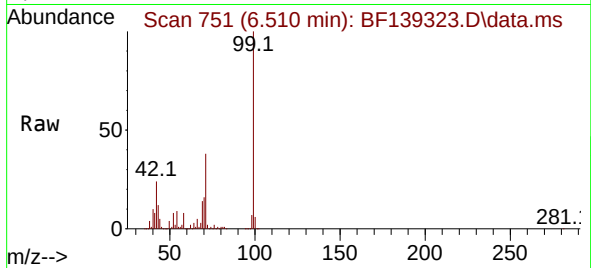




#7
Phenol-d6
Concen: 115.627 ng
RT: 6.510 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF139323.D
Acq: 11 Sep 2024 14:10

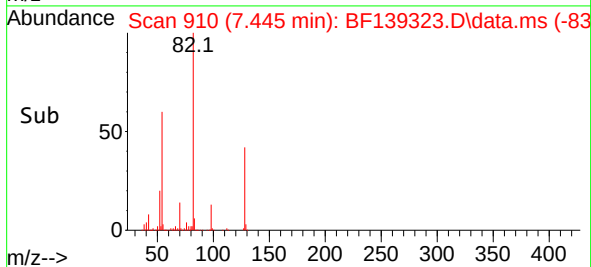
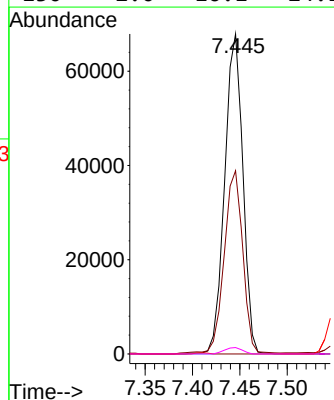
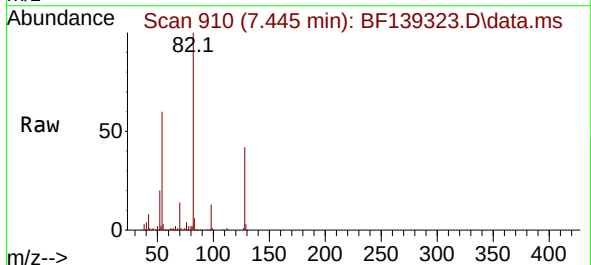
Instrument :
BNA_F
ClientSampleId :
PL-701-COMP-55

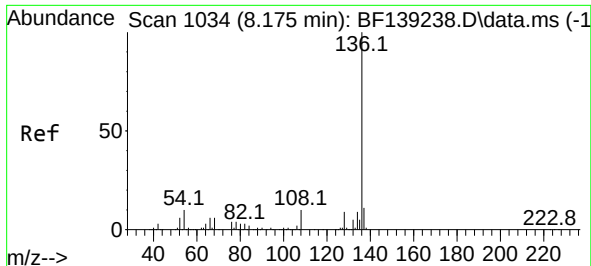
Tgt Ion: 99 Resp: 904085
Ion Ratio Lower Upper
99 100
42 24.0 19.8 29.6
71 38.2 28.8 43.2



#19
n-Nitroso-di-n-propylamine
Concen: 20.172 ng
RT: 7.445 min Scan# 910
Delta R.T. 0.141 min
Lab File: BF139323.D
Acq: 11 Sep 2024 14:10

Tgt Ion: 70 Resp: 90842
Ion Ratio Lower Upper
70 100
42 57.3 61.0 91.6#
101 0.0 7.2 10.8#
130 2.0 16.1 24.1#



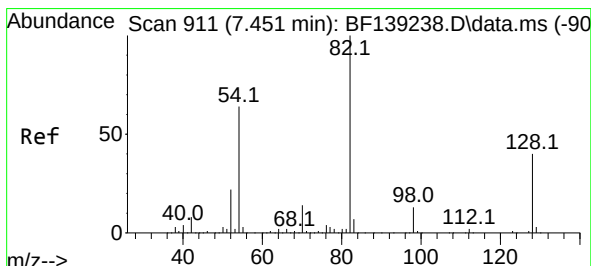
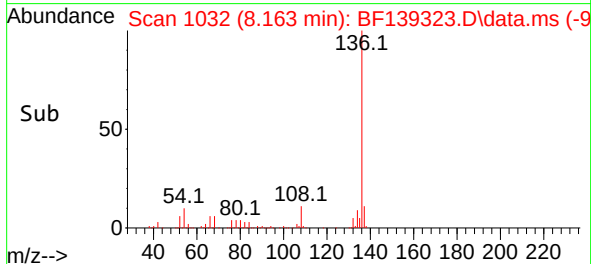
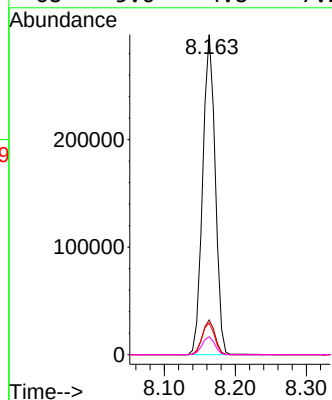
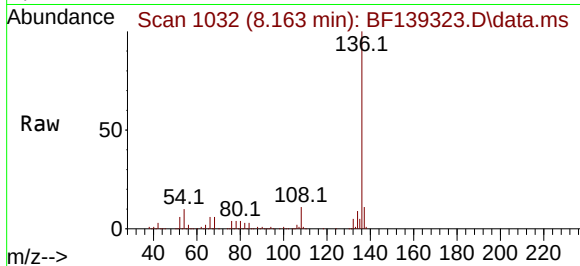


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.163 min Scan# 1032
Delta R.T. -0.012 min
Lab File: BF139323.D
Acq: 11 Sep 2024 14:10

Instrument :
BNA_F
ClientSampleId :
PL-701-COMP-55

Tgt Ion:136 Resp: 366022

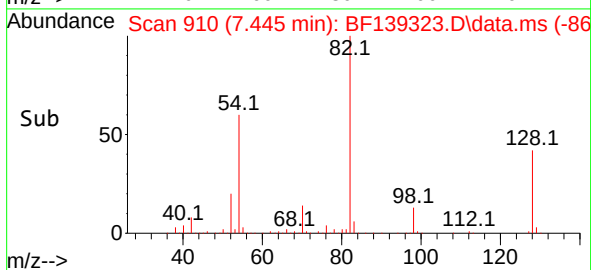
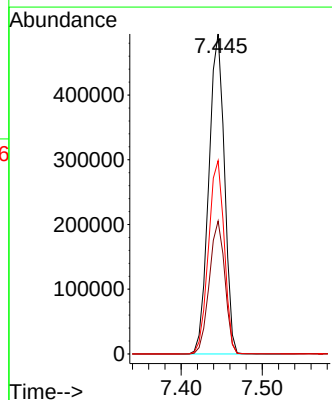
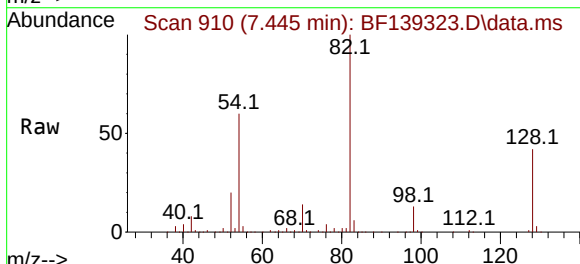
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.6	13.0
54	9.9	8.4	12.6
68	5.6	4.8	7.2

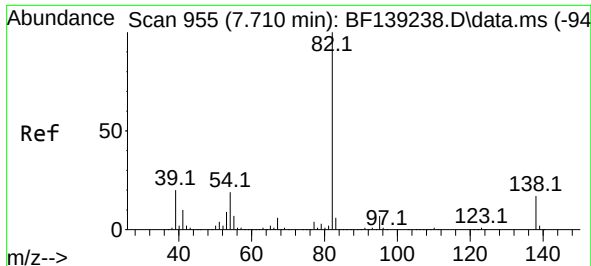


#23
Nitrobenzene-d5
Concen: 93.922 ng
RT: 7.445 min Scan# 910
Delta R.T. -0.006 min
Lab File: BF139323.D
Acq: 11 Sep 2024 14:10

Tgt Ion: 82 Resp: 660820

Ion	Ratio	Lower	Upper
82	100		
128	41.6	32.3	48.5
54	60.4	51.2	76.8

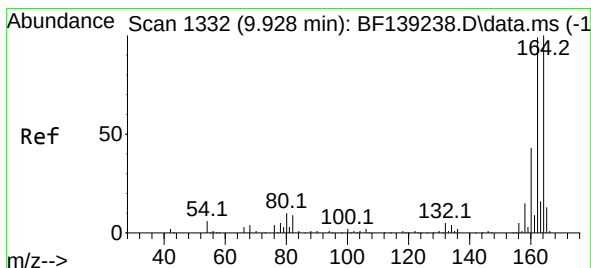
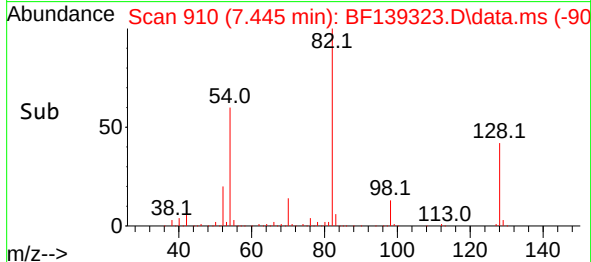
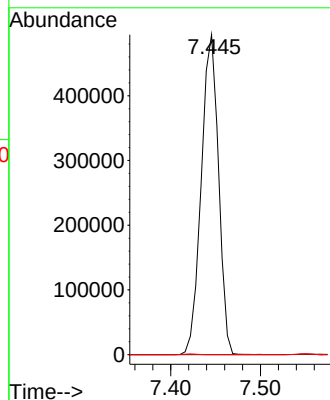
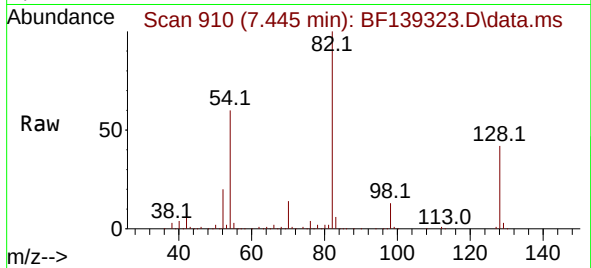




#25
Isophorone
Concen: 54.779 ng
RT: 7.445 min Scan# 91
Delta R.T. -0.265 min
Lab File: BF139323.D
Acq: 11 Sep 2024 14:10

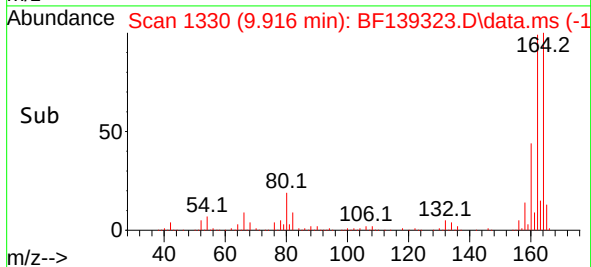
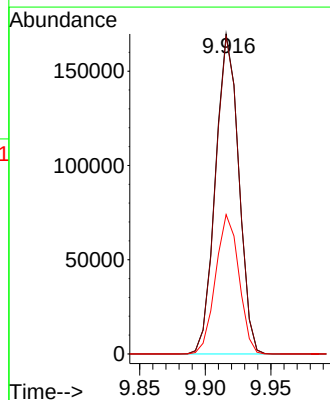
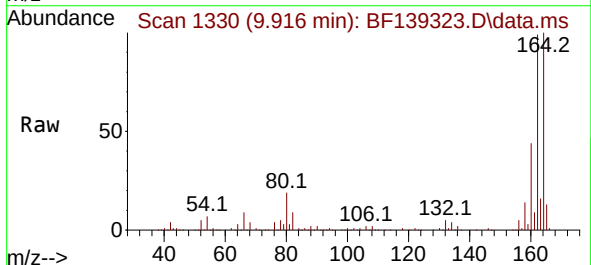
Instrument :
BNA_F
ClientSampleId :
PL-701-COMP-55

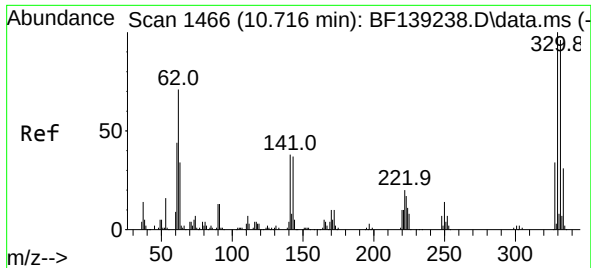
Tgt Ion: 82 Resp: 658932
Ion Ratio Lower Upper
82 100
95 0.0 6.0 9.0#
138 0.0 13.4 20.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.916 min Scan# 1330
Delta R.T. -0.012 min
Lab File: BF139323.D
Acq: 11 Sep 2024 14:10

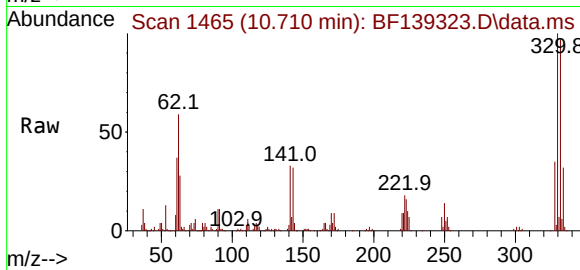
Tgt Ion:164 Resp: 209143
Ion Ratio Lower Upper
164 100
162 99.2 79.2 118.8
160 43.5 34.2 51.2



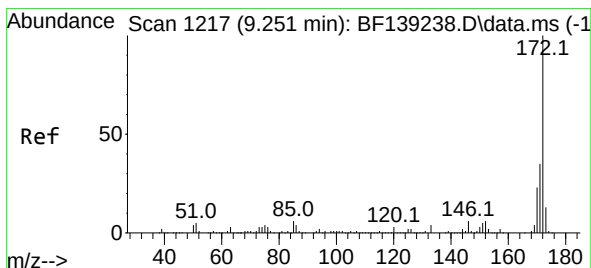
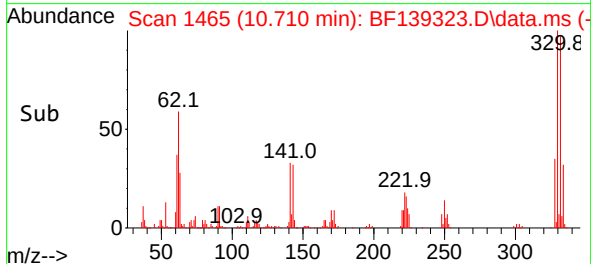
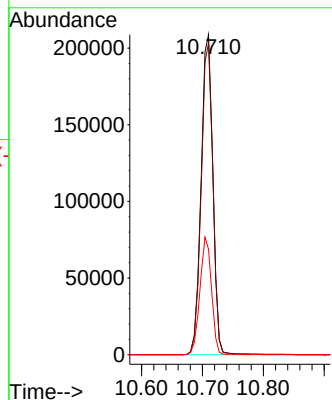


#42
2,4,6-Tribromophenol
Concen: 155.078 ng
RT: 10.710 min Scan# 1465
Delta R.T. -0.006 min
Lab File: BF139323.D
Acq: 11 Sep 2024 14:10

Instrument :
BNA_F
ClientSampleId :
PL-701-COMP-55

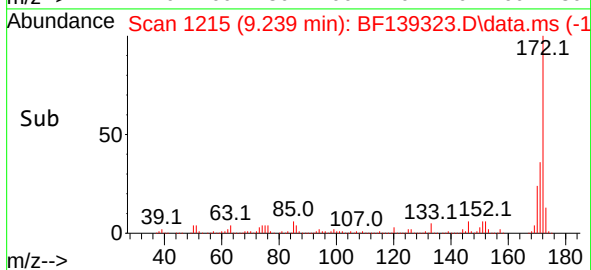
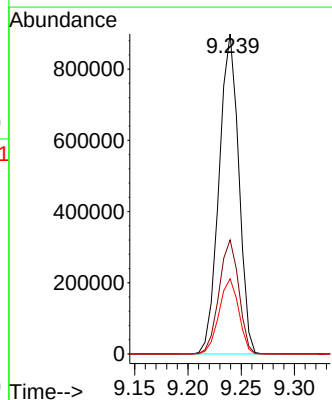
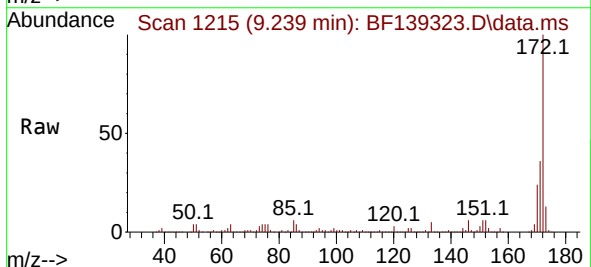


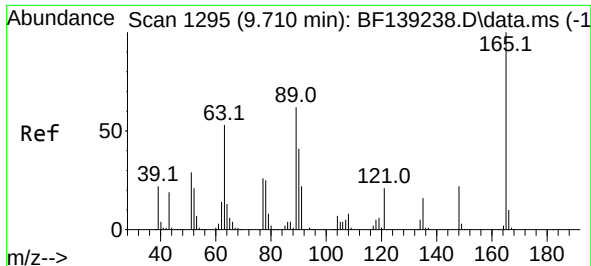
Tgt Ion: 330 Resp: 280069
Ion Ratio Lower Upper
330 100
332 97.1 76.6 115.0
141 36.2 30.1 45.1



#45
2-Fluorobiphenyl
Concen: 85.168 ng
RT: 9.239 min Scan# 1215
Delta R.T. -0.012 min
Lab File: BF139323.D
Acq: 11 Sep 2024 14:10

Tgt Ion: 172 Resp: 1153918
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: 9.517 ng

RT: 9.916 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF139323.D

Acq: 11 Sep 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PL-701-COMP-55

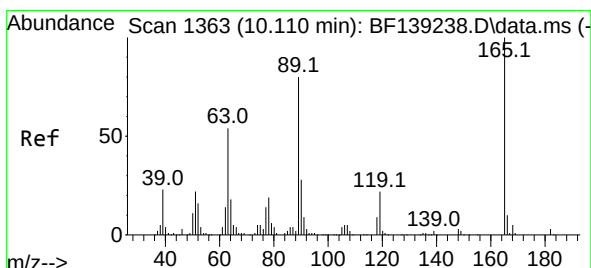
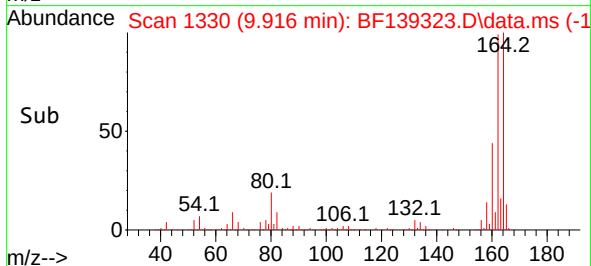
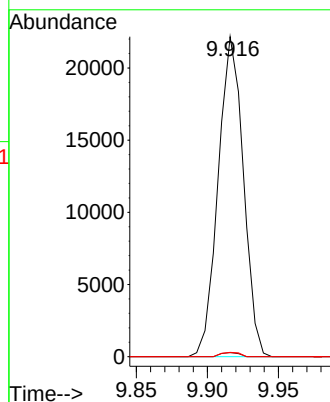
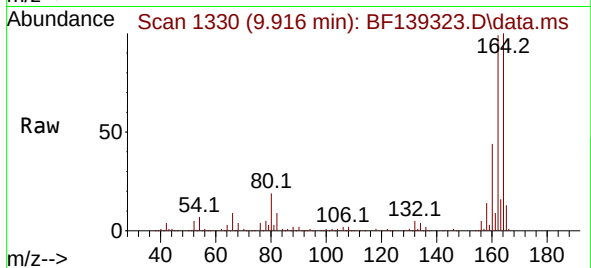
Tgt Ion:165 Resp: 27369

Ion Ratio Lower Upper

165 100

63 1.2 56.1 84.1#

89 1.4 49.7 74.5#



#57

2,4-Dinitrotoluene

Concen: 7.477 ng

RT: 9.916 min Scan# 1330

Delta R.T. -0.194 min

Lab File: BF139323.D

Acq: 11 Sep 2024 14:10

Tgt Ion:165 Resp: 27369

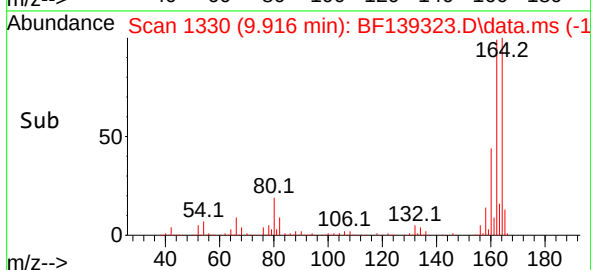
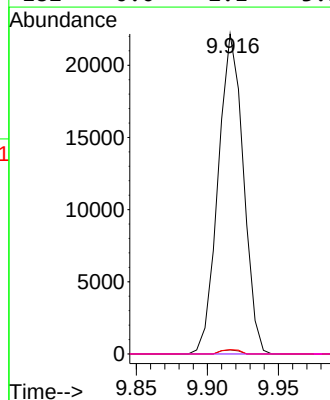
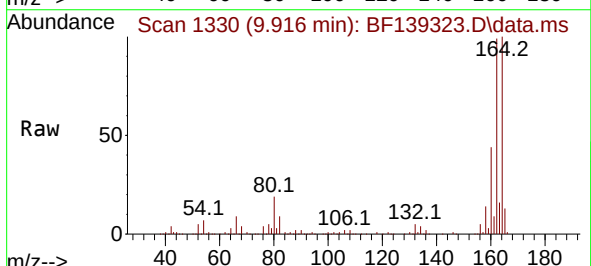
Ion Ratio Lower Upper

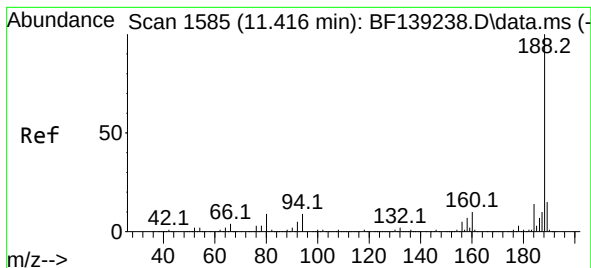
165 100

63 1.2 43.4 65.0#

89 1.4 64.2 96.4#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.404 min Scan# 11

Delta R.T. -0.012 min

Lab File: BF139323.D

Acq: 11 Sep 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PL-701-COMP-55

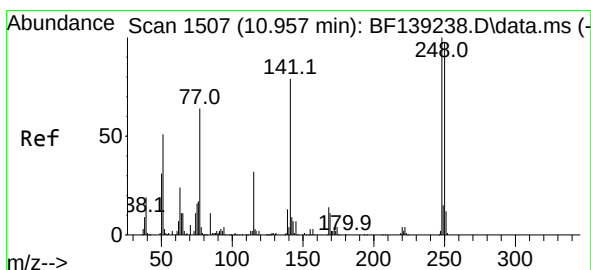
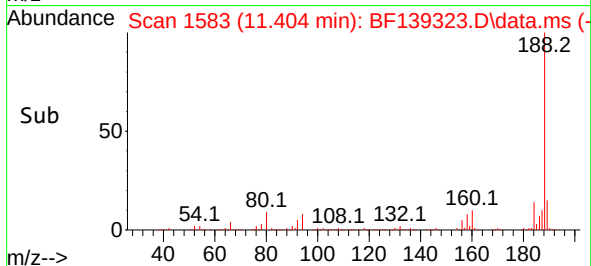
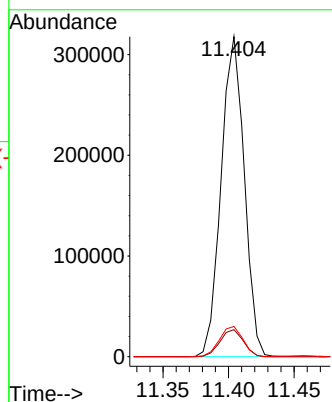
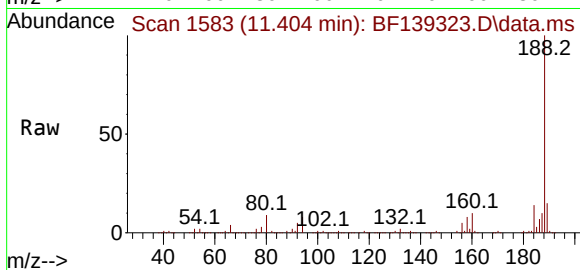
Tgt Ion:188 Resp: 389697

Ion Ratio Lower Upper

188 100

94 8.5 7.0 10.4

80 9.4 7.3 10.9



#67

4-Bromophenyl-phenylether

Concen: 5.103 ng

RT: 10.704 min Scan# 1464

Delta R.T. -0.253 min

Lab File: BF139323.D

Acq: 11 Sep 2024 14:10

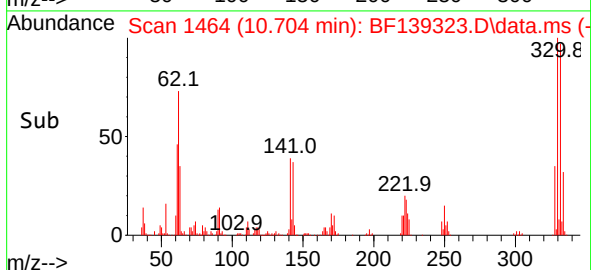
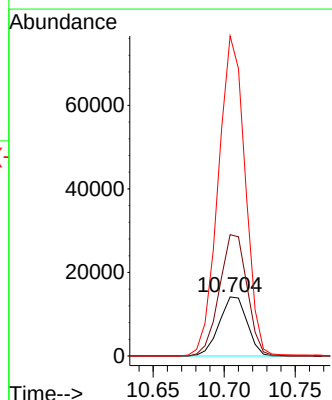
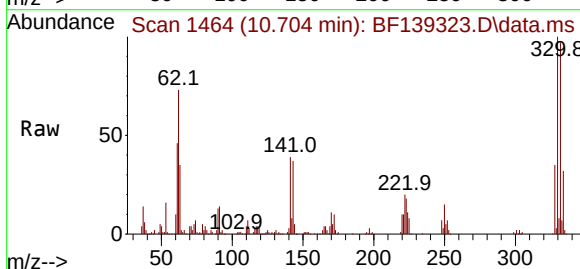
Tgt Ion:248 Resp: 19295

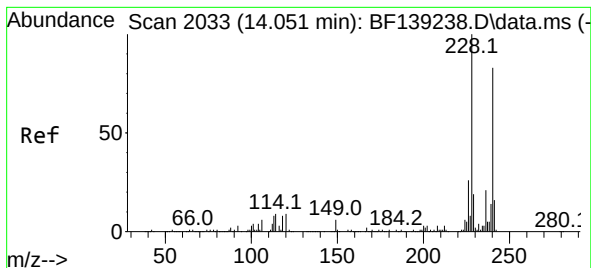
Ion Ratio Lower Upper

248 100

250 205.4 77.2 115.8#

141 541.6 63.6 95.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.039 min Scan# 2031

Delta R.T. -0.012 min

Lab File: BF139323.D

Acq: 11 Sep 2024 14:10

Instrument :

BNA_F

ClientSampleId :

PL-701-COMP-55

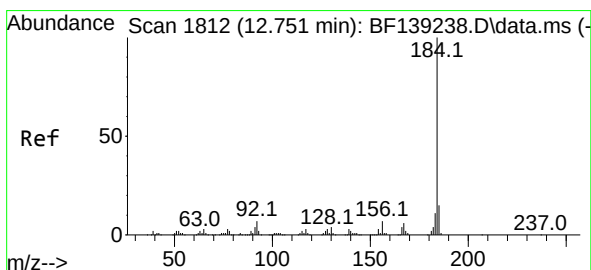
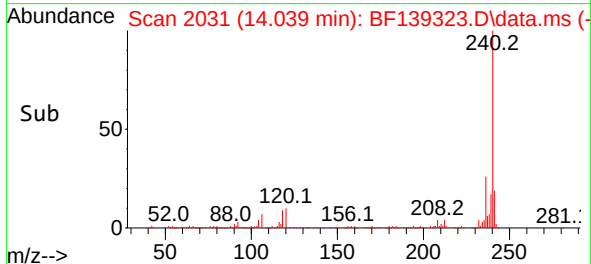
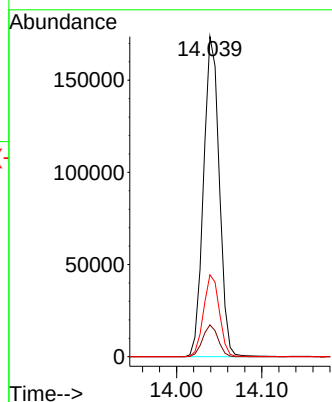
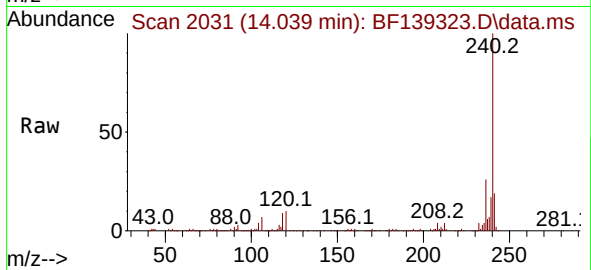
Tgt Ion:240 Resp: 222618

Ion Ratio Lower Upper

240 100

120 10.0 8.6 12.8

236 25.6 20.7 31.1



#77

Benzidine

Concen: 4.191 ng

RT: 12.992 min Scan# 1853

Delta R.T. 0.241 min

Lab File: BF139323.D

Acq: 11 Sep 2024 14:10

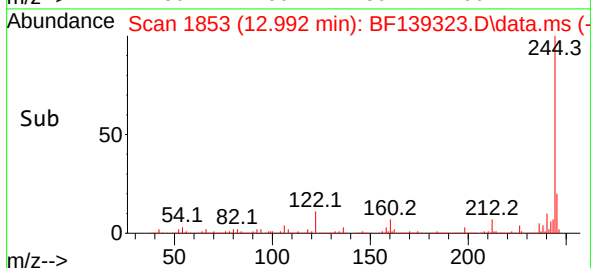
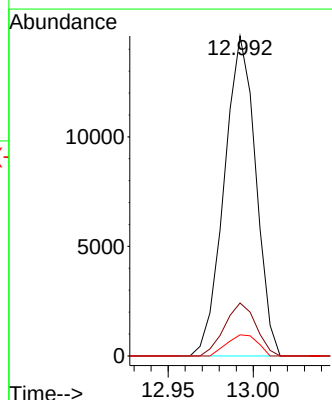
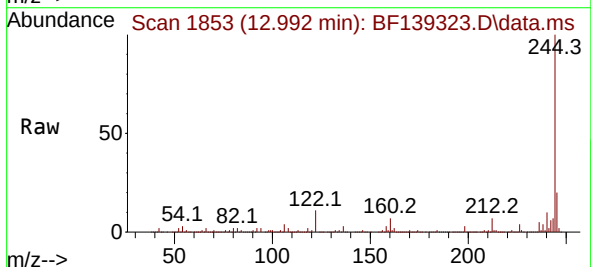
Tgt Ion:184 Resp: 18787

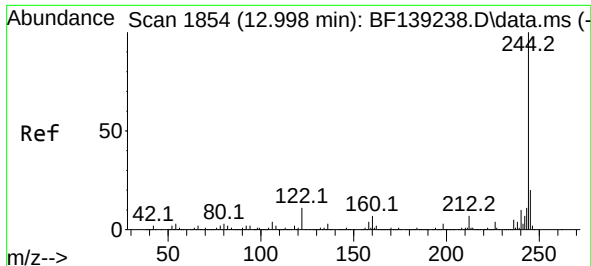
Ion Ratio Lower Upper

184 100

185 16.5 11.9 17.9

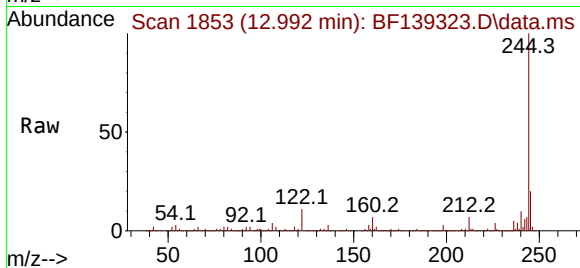
183 6.6 8.8 13.2#



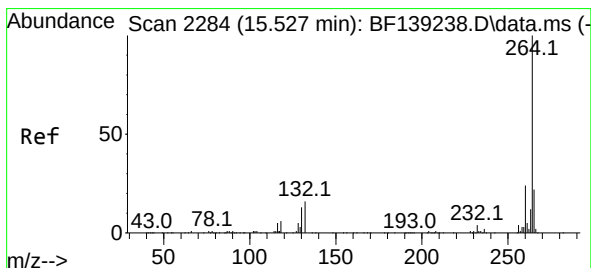
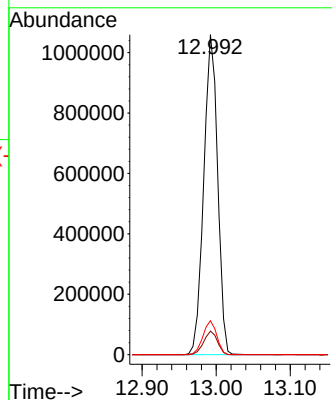
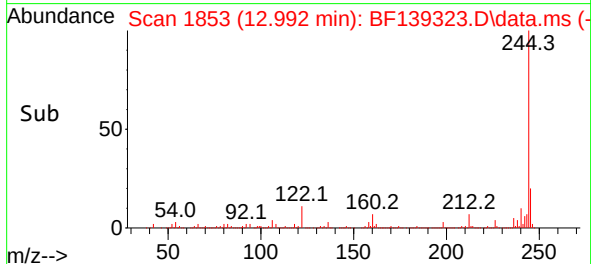


#79
Terphenyl-d14
Concen: 100.016 ng
RT: 12.992 min Scan# 11
Delta R.T. -0.006 min
Lab File: BF139323.D
Acq: 11 Sep 2024 14:10

Instrument :
BNA_F
ClientSampleId :
PL-701-COMP-55



Tgt Ion:244 Resp: 1379019
Ion Ratio Lower Upper
244 100
212 7.3 5.9 8.9
122 10.6 8.7 13.1



#86
Perylene-d12
Concen: 20.000 ng
RT: 15.516 min Scan# 2282
Delta R.T. -0.012 min
Lab File: BF139323.D
Acq: 11 Sep 2024 14:10

Tgt Ion:264 Resp: 171301
Ion Ratio Lower Upper
264 100
260 24.0 18.8 28.2
265 21.2 17.3 25.9

