

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF092624\
 Data File : BF139566.D
 Acq On : 27 Sep 2024 00:45
 Operator : RC/JU
 Sample : P4198-26
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP5-WC-1

Quant Time: Sep 27 02:18:07 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Sep 14 02:58:23 2024
 Response via : Initial Calibration

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

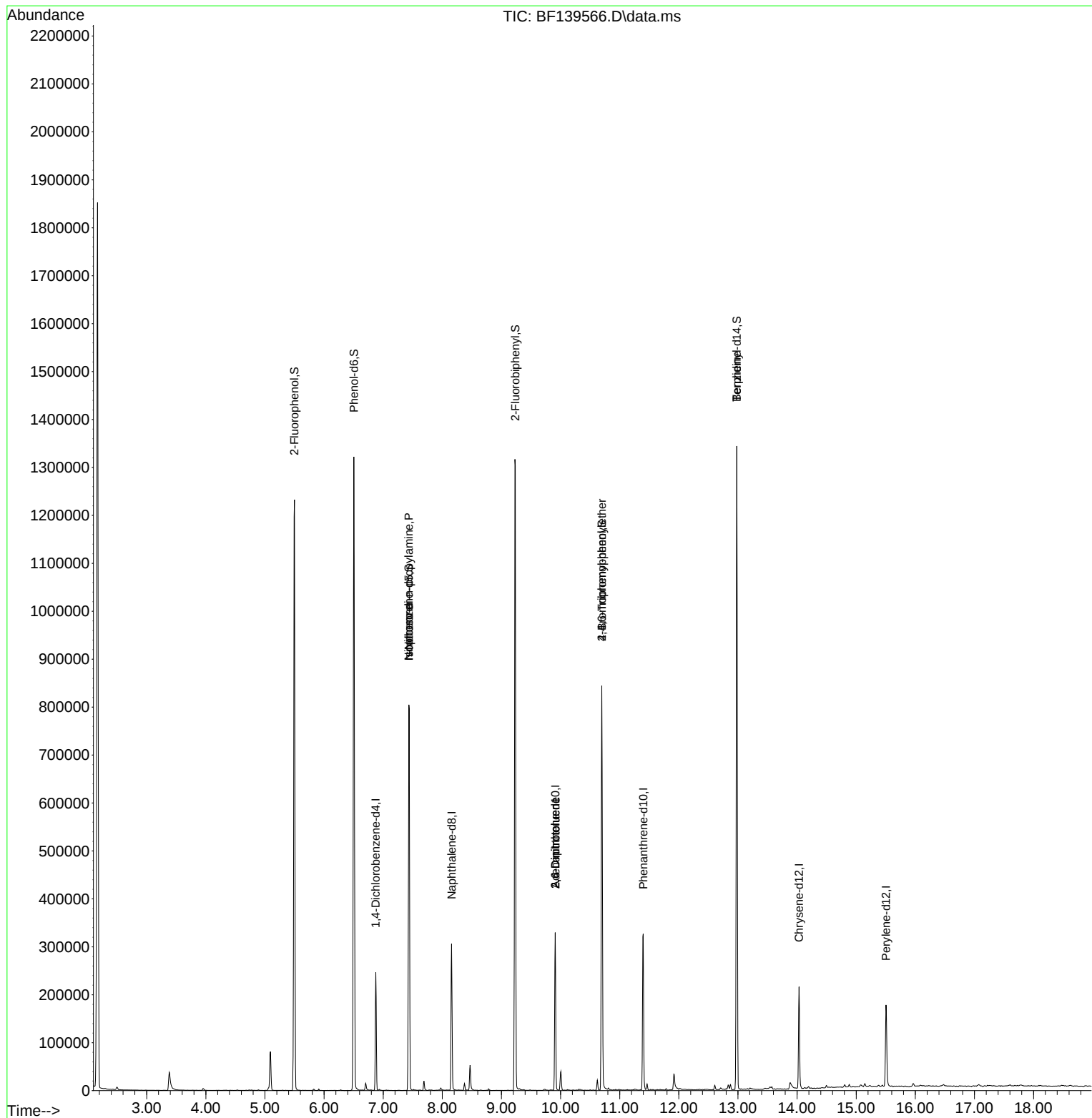
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.875	152	47656	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	176434	20.000	ng	# 0.00
39) Acenaphthene-d10	9.910	164	96030	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	179508	20.000	ng	# 0.00
76) Chrysene-d12	14.033	240	100370	20.000	ng	# 0.00
86) Perylene-d12	15.504	264	102501	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.498	112	425931	145.803	ng	0.00
7) Phenol-d6	6.504	99	571909	149.154	ng	0.00
23) Nitrobenzene-d5	7.434	82	351757	93.727	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	129115	126.292	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	598499	87.411	ng	0.00
79) Terphenyl-d14	12.980	244	629153	102.888	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.434	70	47846	21.057	ng	# 74
25) Isophorone	7.434	82	351754	59.264	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	12429	8.902	ng	# 14
57) 2,4-Dinitrotoluene	9.910	165	12429	6.593	ng	# 15
67) 4-Bromophenyl-phenylether	10.698	248	8919	5.014	ng	# 1
77) Benzydine	12.980	184	8717	6.062	ng	# 94

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

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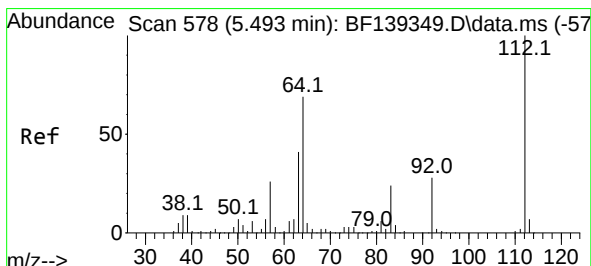
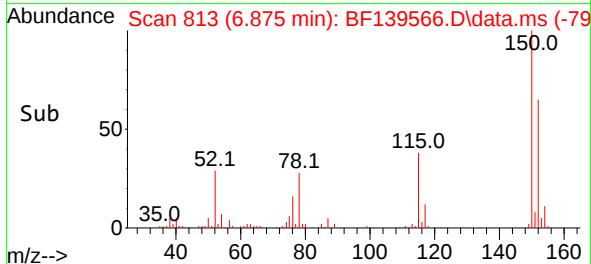
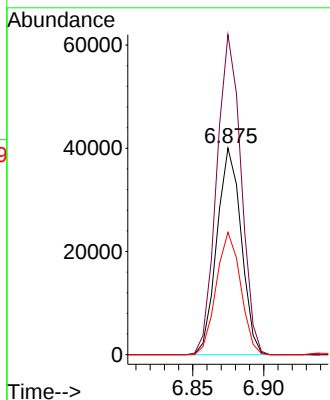
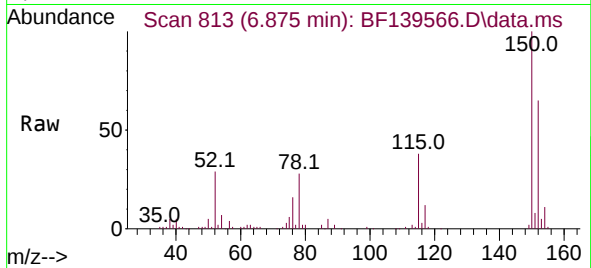




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.875 min Scan# 814
Delta R.T. -0.006 min
Lab File: BF139566.D
Acq: 27 Sep 2024 00:45

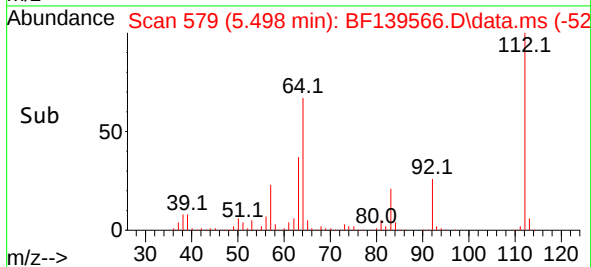
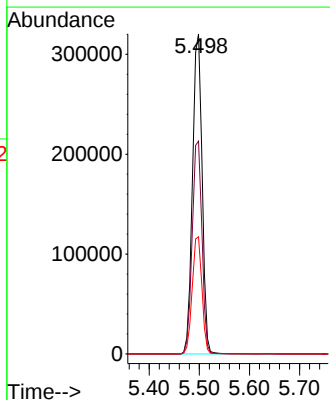
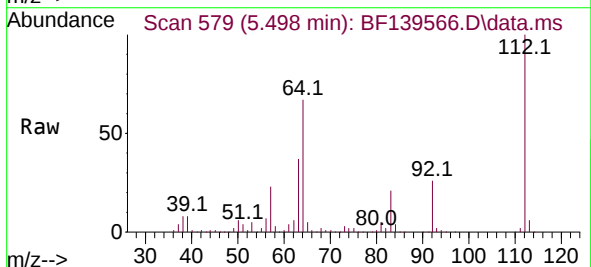
Instrument :
BNA_F
ClientSampleId :
TP5-WC-1

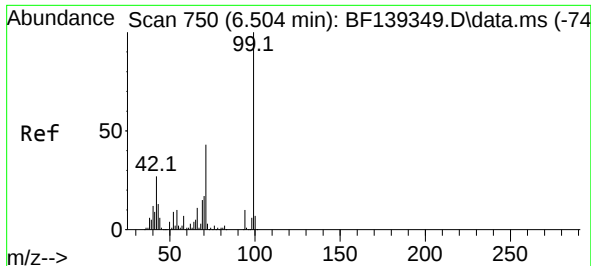
Tgt Ion:152 Resp: 47656
Ion Ratio Lower Upper
152 100
150 154.9 124.1 186.1
115 59.3 48.1 72.1



#5
2-Fluorophenol
Concen: 145.803 ng
RT: 5.498 min Scan# 579
Delta R.T. 0.005 min
Lab File: BF139566.D
Acq: 27 Sep 2024 00:45

Tgt Ion:112 Resp: 425931
Ion Ratio Lower Upper
112 100
64 66.5 54.8 82.2
63 36.6 33.0 49.4

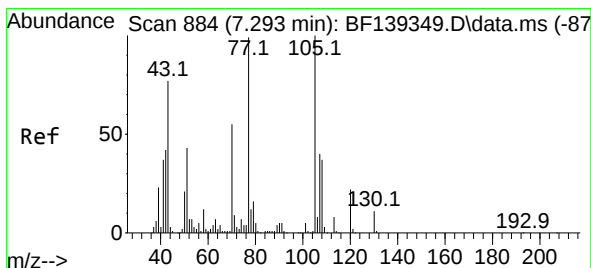
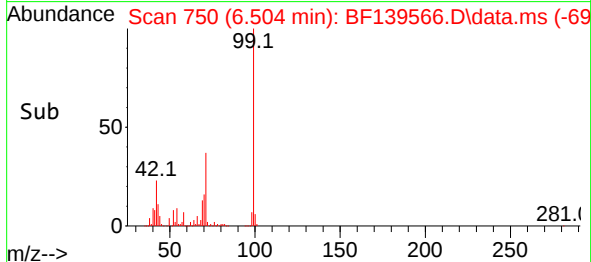
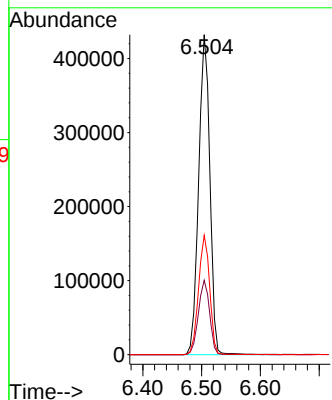
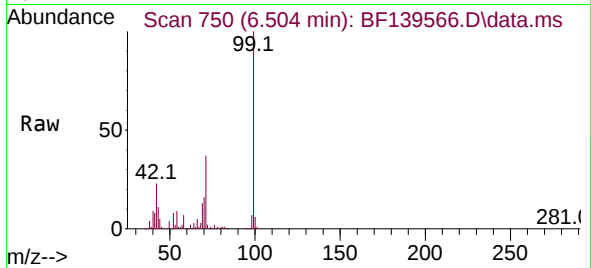




#7
Phenol-d6
Concen: 149.154 ng
RT: 6.504 min Scan# 719
Delta R.T. -0.000 min
Lab File: BF139566.D
Acq: 27 Sep 2024 00:45

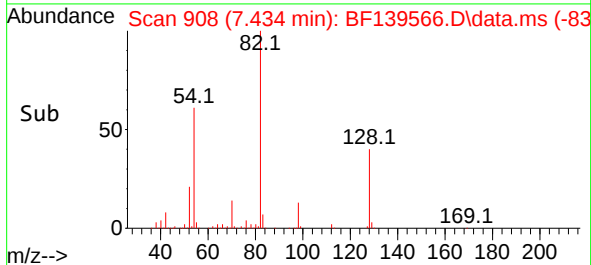
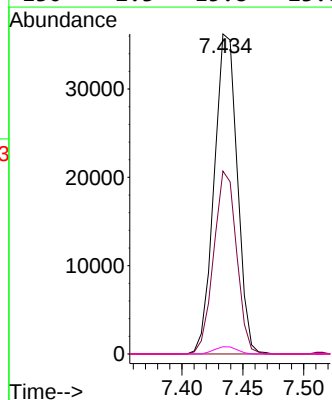
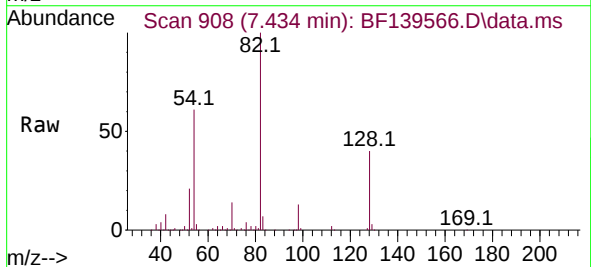
Instrument :
BNA_F
ClientSampleId :
TP5-WC-1

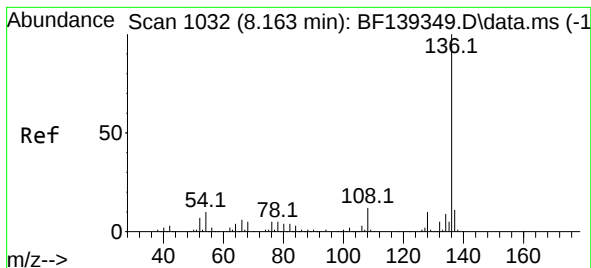
Tgt Ion: 99 Resp: 571909
Ion Ratio Lower Upper
99 100
42 23.3 21.9 32.9
71 37.3 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 21.057 ng
RT: 7.434 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF139566.D
Acq: 27 Sep 2024 00:45

Tgt Ion: 70 Resp: 47846
Ion Ratio Lower Upper
70 100
42 57.2 61.2 91.8#
101 0.0 7.5 11.3#
130 2.3 15.8 23.8#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.157 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139566.D

Acq: 27 Sep 2024 00:45

Instrument :

BNA_F

ClientSampleId :

TP5-WC-1

Tgt Ion:136 Resp: 176434

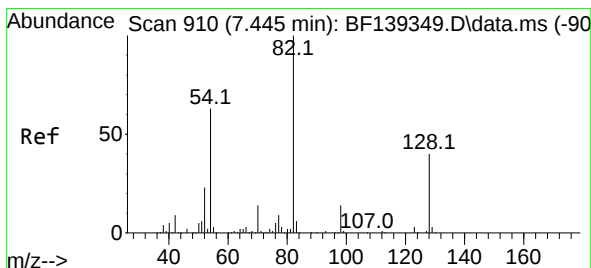
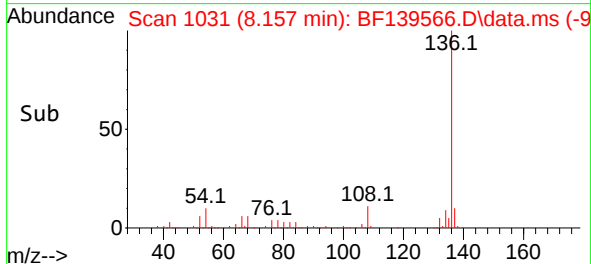
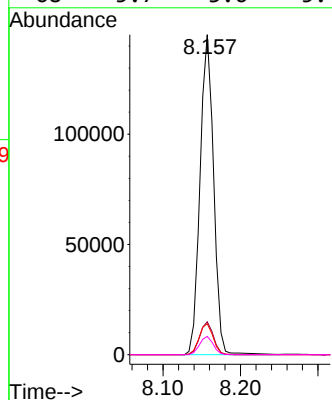
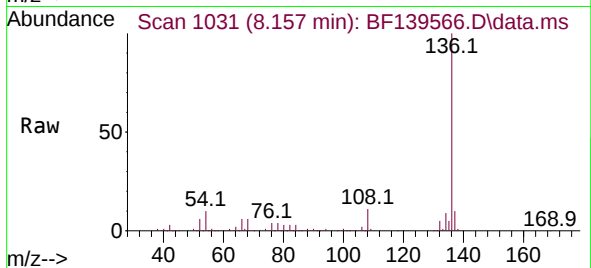
Ion Ratio Lower Upper

136 100

137 10.3 8.6 12.8

54 9.7 7.8 11.8

68 5.7 3.6 5.4#



#23

Nitrobenzene-d5

Concen: 93.727 ng

RT: 7.434 min Scan# 908

Delta R.T. -0.012 min

Lab File: BF139566.D

Acq: 27 Sep 2024 00:45

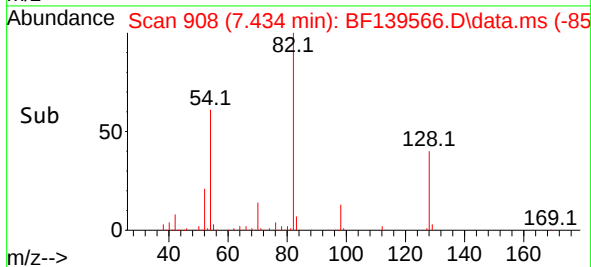
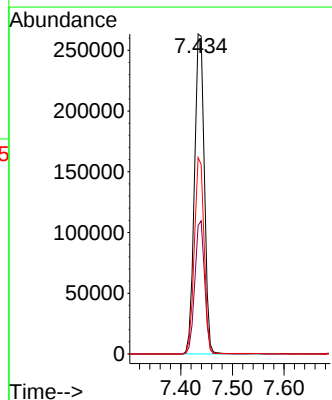
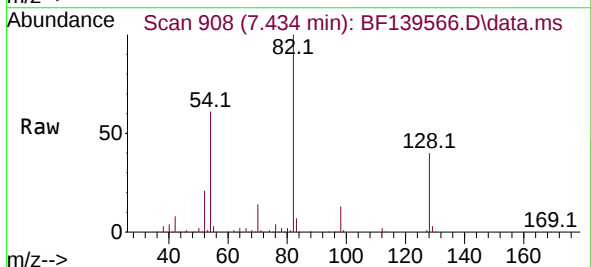
Tgt Ion: 82 Resp: 351757

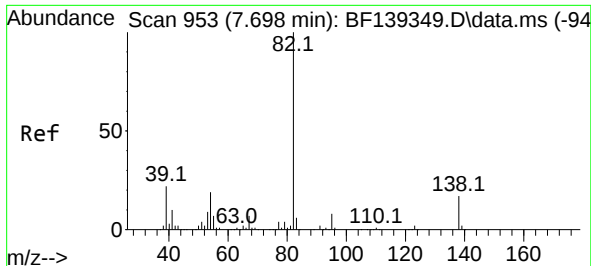
Ion Ratio Lower Upper

82 100

128 40.2 31.8 47.6

54 61.4 50.6 75.8

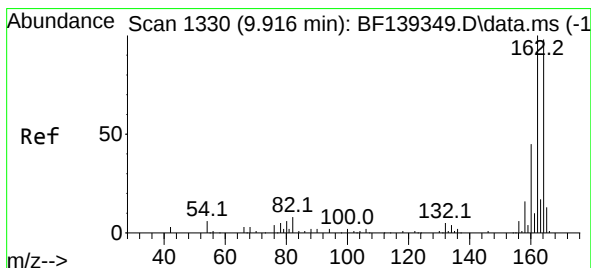
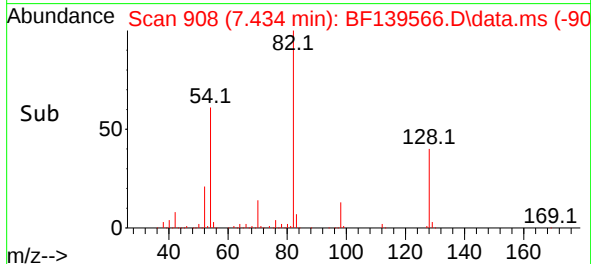
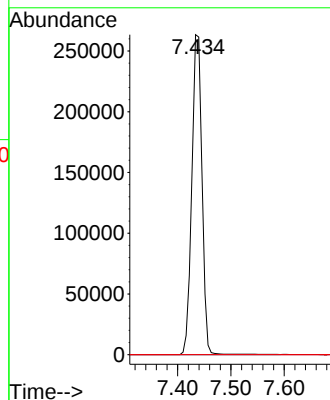
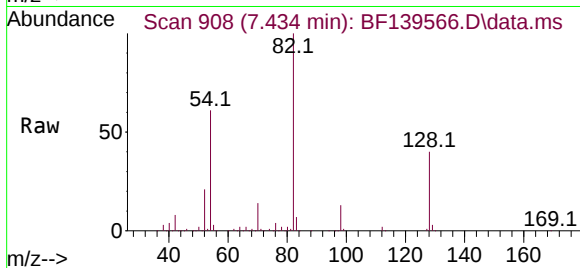




#25
Isophorone
Concen: 59.264 ng
RT: 7.434 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139566.D
Acq: 27 Sep 2024 00:45

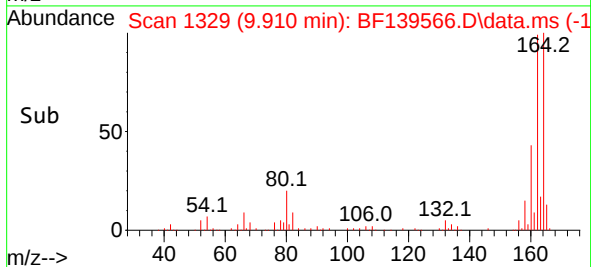
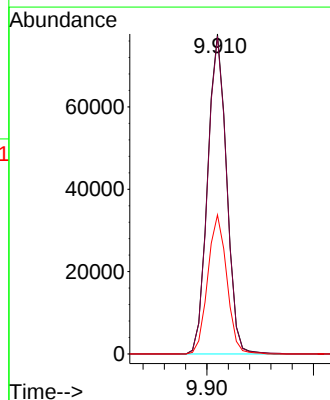
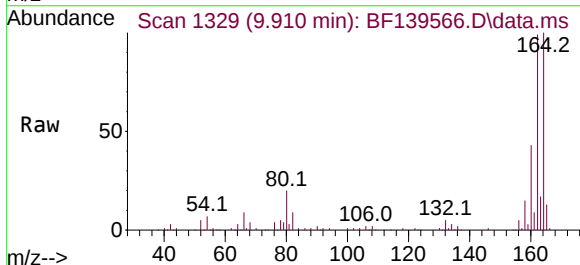
Instrument :
BNA_F
ClientSampleId :
TP5-WC-1

Tgt Ion: 82 Resp: 351754
Ion Ratio Lower Upper
82 100
95 0.0 6.7 10.1#
138 0.0 13.3 19.9#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.006 min
Lab File: BF139566.D
Acq: 27 Sep 2024 00:45

Tgt Ion: 164 Resp: 96030
Ion Ratio Lower Upper
164 100
162 99.2 81.3 121.9
160 43.5 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 126.292 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139566.D

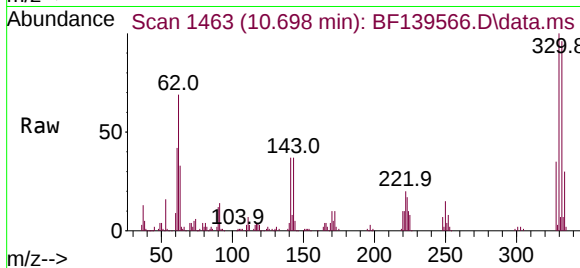
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Instrument :

BNA_F

ClientSampleId :

TP5-WC-1



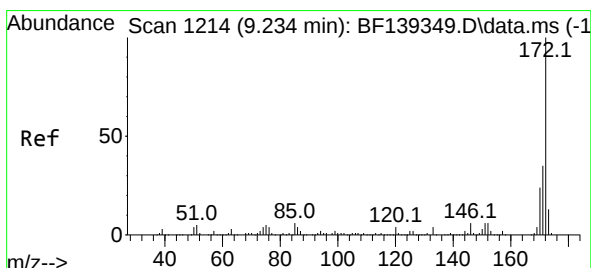
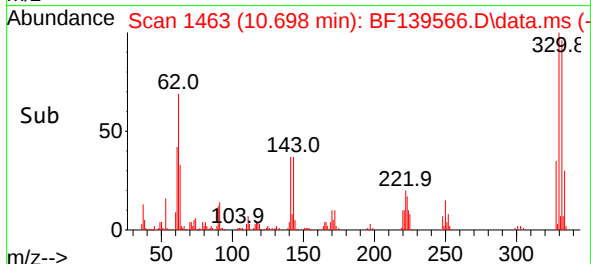
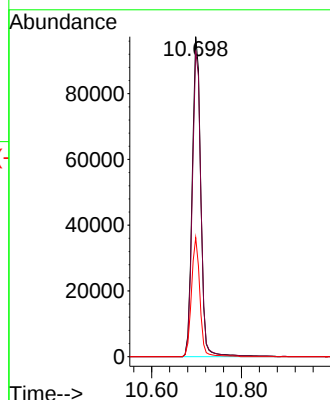
Tgt Ion:330 Resp: 129115

Ion Ratio Lower Upper

330 100

332 96.0 75.2 112.8

141 36.5 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 87.411 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139566.D

Acq: 27 Sep 2024 00:45

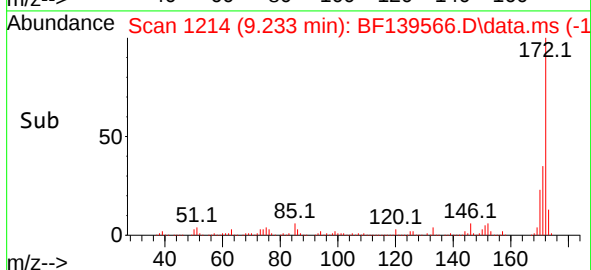
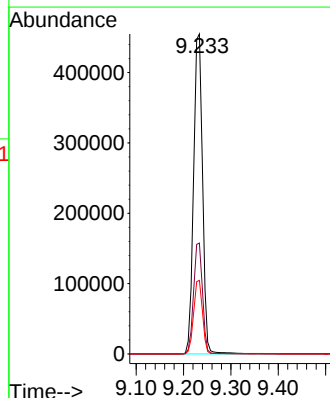
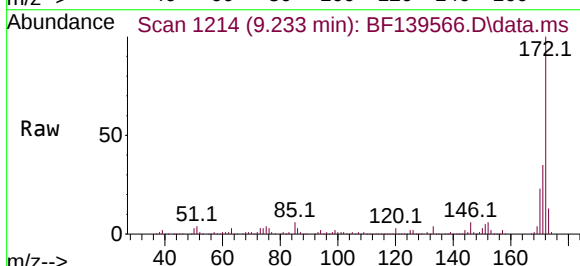
Tgt Ion:172 Resp: 598499

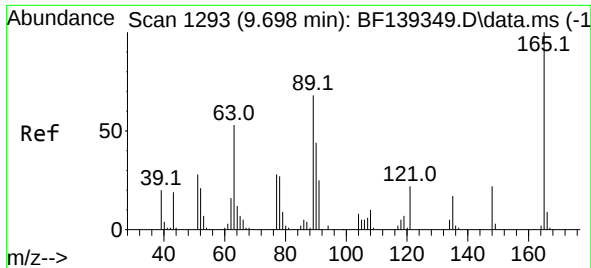
Ion Ratio Lower Upper

172 100

171 34.7 28.3 42.5

170 23.0 19.0 28.6

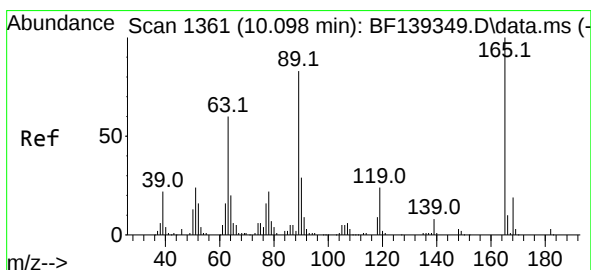
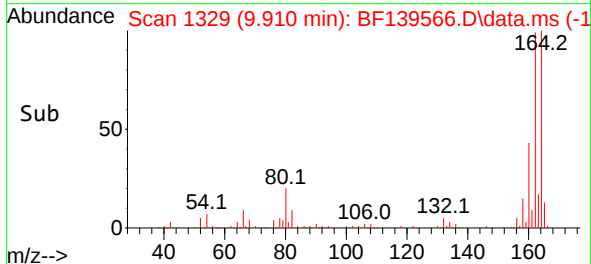
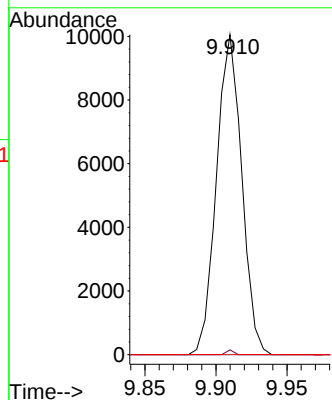
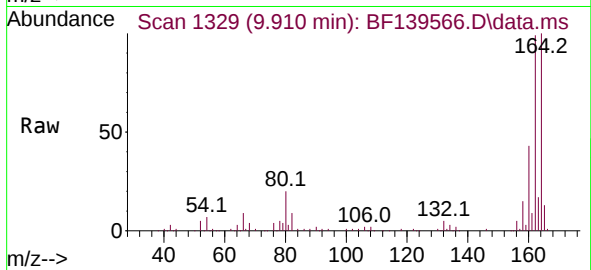




#51
2,6-Dinitrotoluene
Concen: 8.902 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139566.D
Acq: 27 Sep 2024 00:45

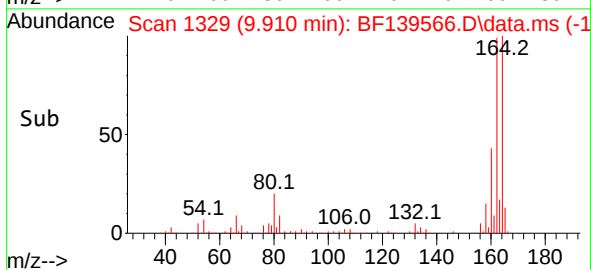
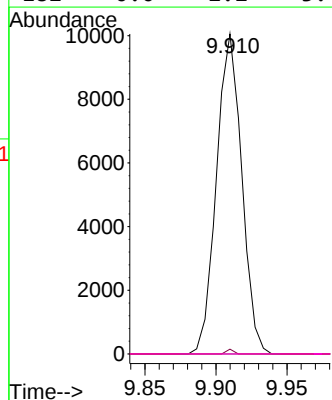
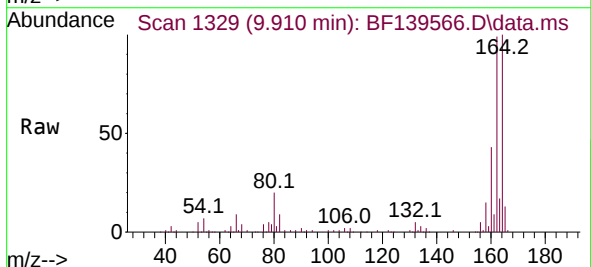
Instrument :
BNA_F
ClientSampleId :
TP5-WC-1

Tgt Ion:165 Resp: 12429
Ion Ratio Lower Upper
165 100
63 1.5 60.9 91.3#
89 0.0 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.593 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139566.D
Acq: 27 Sep 2024 00:45

Tgt Ion:165 Resp: 12429
Ion Ratio Lower Upper
165 100
63 1.5 47.8 71.6#
89 0.0 66.7 100.1#
182 0.0 2.2 3.4#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139566.D

Acq: 27 Sep 2024 00:45

Instrument :

BNA_F

ClientSampleId :

TP5-WC-1

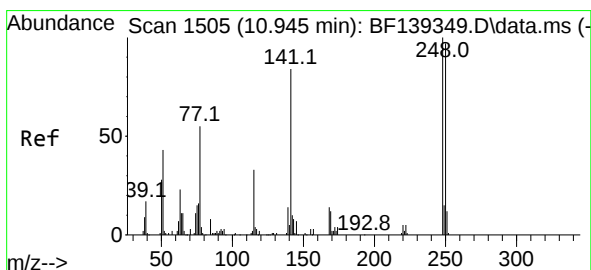
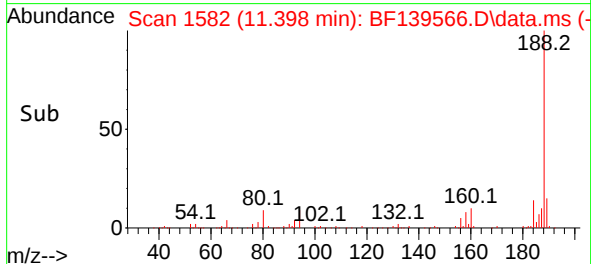
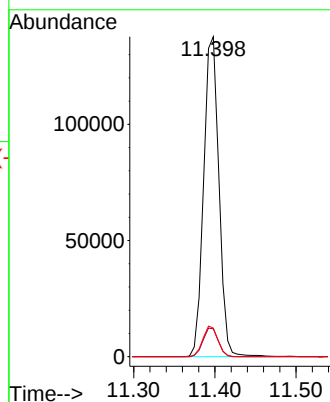
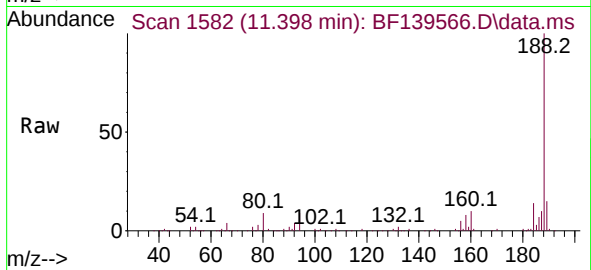
Tgt Ion:188 Resp: 179508

Ion Ratio Lower Upper

188 100

94 8.7 5.5 8.3#

80 9.0 6.6 9.8



#67

4-Bromophenyl-phenylether

Concen: 5.014 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.247 min

Lab File: BF139566.D

Acq: 27 Sep 2024 00:45

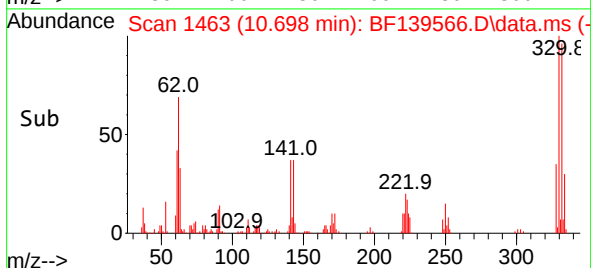
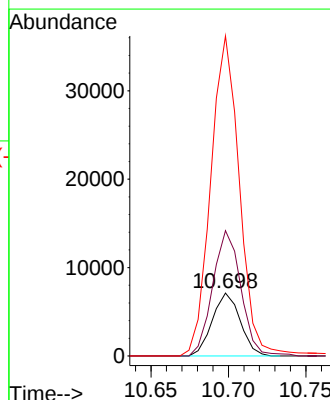
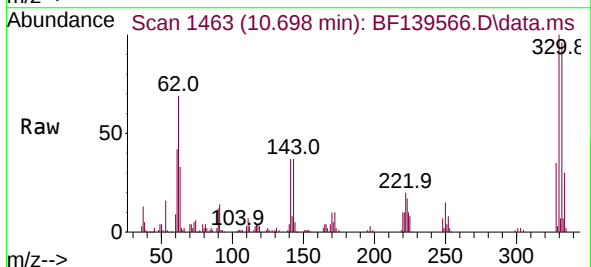
Tgt Ion:248 Resp: 8919

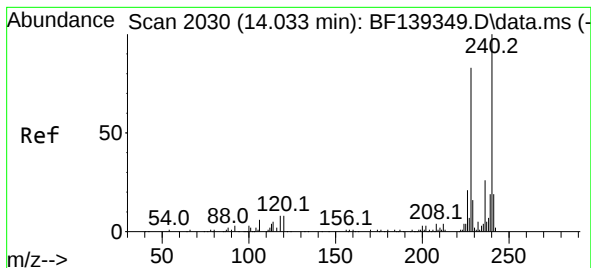
Ion Ratio Lower Upper

248 100

250 199.0 77.6 116.4#

141 508.4 66.9 100.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139566.D

Acq: 27 Sep 2024 00:45

Instrument :

BNA_F

ClientSampleId :

TP5-WC-1

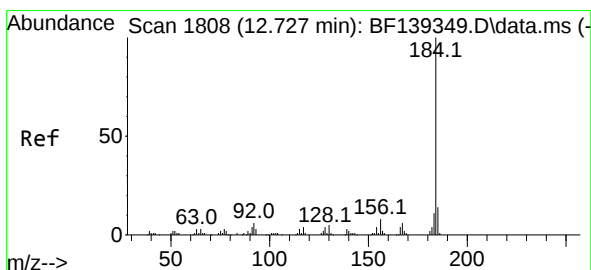
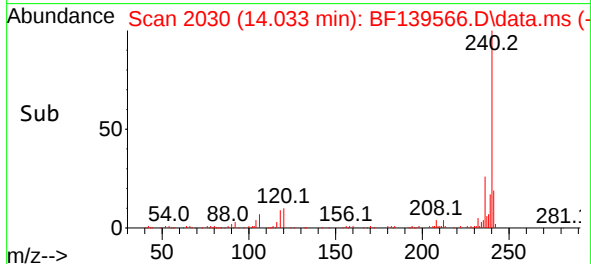
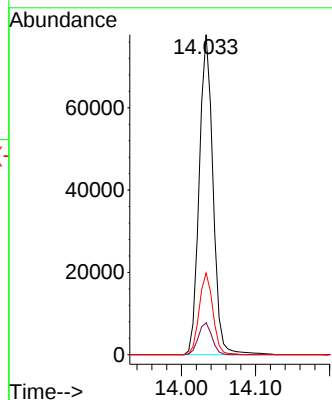
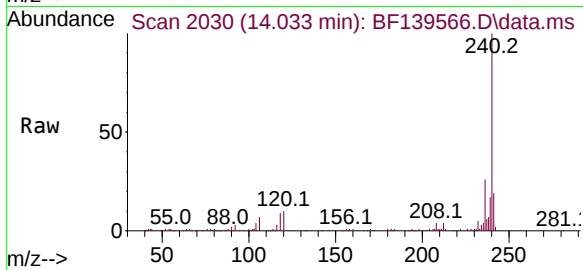
Tgt Ion:240 Resp: 100370

Ion Ratio Lower Upper

240 100

120 10.0 6.2 9.2#

236 25.5 20.9 31.3



#77

Benzdine

Concen: 6.062 ng

RT: 12.980 min Scan# 1851

Delta R.T. 0.253 min

Lab File: BF139566.D

Acq: 27 Sep 2024 00:45

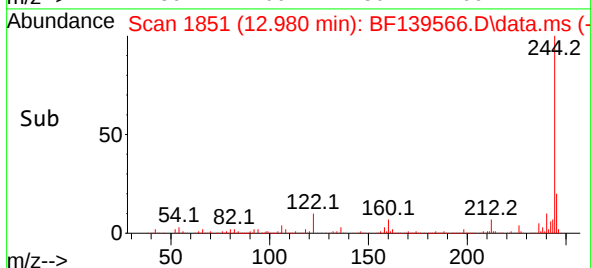
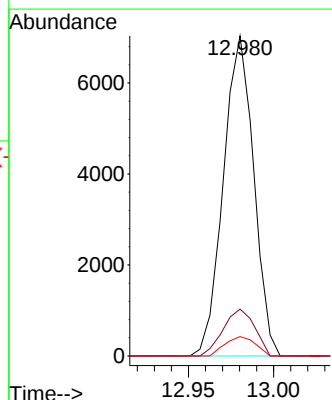
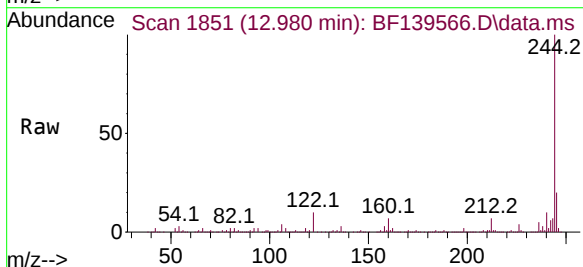
Tgt Ion:184 Resp: 8717

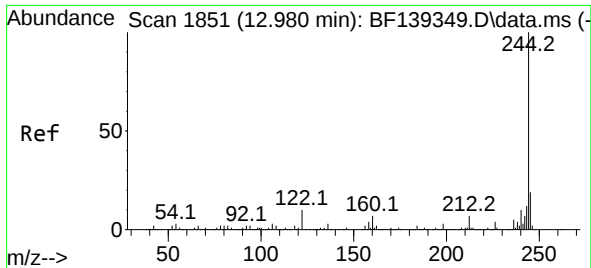
Ion Ratio Lower Upper

184 100

185 14.7 11.5 17.3

183 6.0 8.9 13.3#

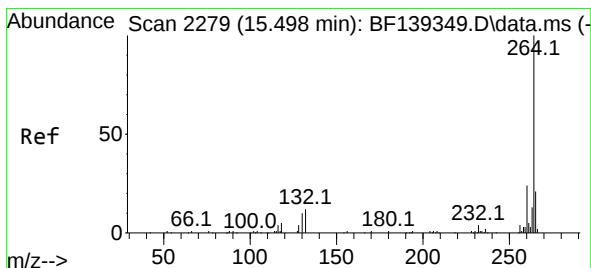
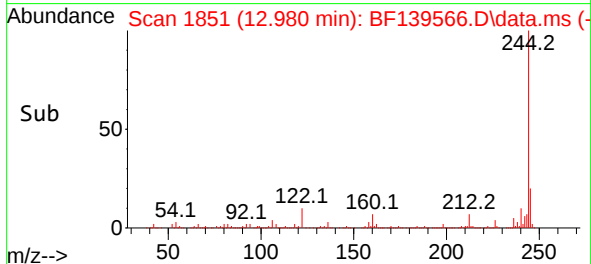
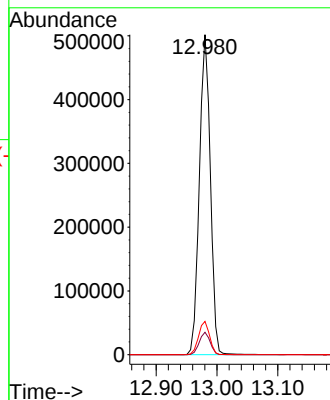
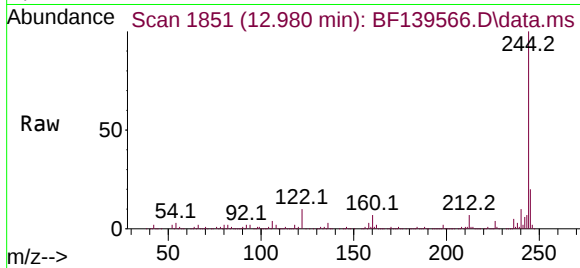




#79
 Terphenyl-d14
 Concen: 102.888 ng
 RT: 12.980 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF139566.D
 Acq: 27 Sep 2024 00:45

Instrument :
 BNA_F
 ClientSampleId :
 TP5-WC-1

Tgt Ion:244 Resp: 629153
 Ion Ratio Lower Upper
 244 100
 212 7.0 6.0 9.0
 122 10.4 7.6 11.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.504 min Scan# 2280
 Delta R.T. 0.006 min
 Lab File: BF139566.D
 Acq: 27 Sep 2024 00:45

Tgt Ion:264 Resp: 102501
 Ion Ratio Lower Upper
 264 100
 260 23.0 19.5 29.3
 265 21.7 16.6 25.0

