

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF100224\
 Data File : BF139602.D
 Acq On : 02 Oct 2024 13:07
 Operator : RC/JU
 Sample : P4198-26RE
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP5-WC-1RE

Quant Time: Oct 02 14:10:30 2024
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Oct 02 04:58:47 2024
 Response via : Initial Calibration

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

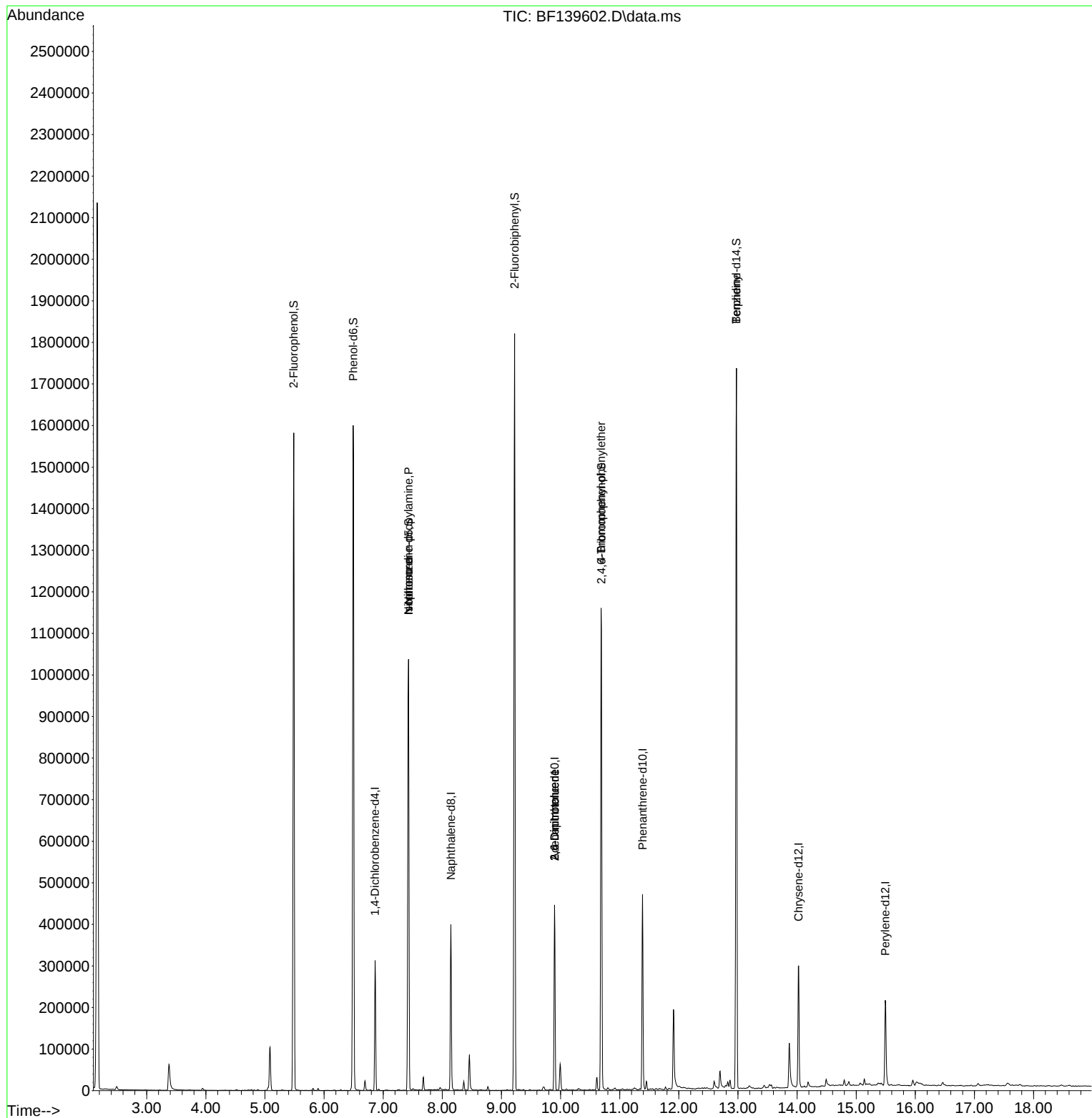
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.863	152	62067	20.000	ng	0.00
21) Naphthalene-d8	8.145	136	231564	20.000	ng	0.00
39) Acenaphthene-d10	9.898	164	129487	20.000	ng	-0.01
64) Phenanthrene-d10	11.386	188	241426	20.000	ng	0.00
76) Chrysene-d12	14.027	240	139282	20.000	ng	0.00
86) Perylene-d12	15.492	264	117372	20.000	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	534765	149.335	ng	0.00
7) Phenol-d6	6.492	99	724802	150.510	ng	-0.01
23) Nitrobenzene-d5	7.428	82	450796	98.564	ng	0.00
42) 2,4,6-Tribromophenol	10.692	330	177596	142.078	ng	0.00
45) 2-Fluorobiphenyl	9.222	172	774608	91.837	ng	0.00
79) Terphenyl-d14	12.974	244	841272	99.107	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.428	70	61622	19.904	ng	# 75
25) Isophorone	7.428	82	448329	55.190	ng	# 66
51) 2,6-Dinitrotoluene	9.898	165	16243	8.483	ng	# 18
57) 2,4-Dinitrotoluene	9.898	165	16243	6.490	ng	# 18
67) 4-Bromophenyl-phenylether	10.686	248	11824	4.777	ng	# 1
77) Benzidine	12.974	184	11781	4.795	ng	# 93

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

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Quant Time: Oct 02 14:10:30 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF100124.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Oct 02 04:58:47 2024
Response via : Initial Calibration

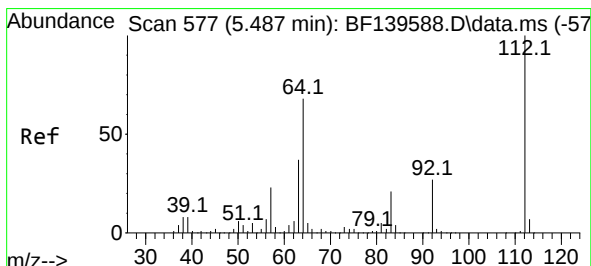
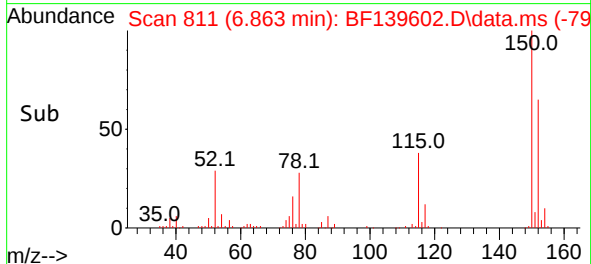
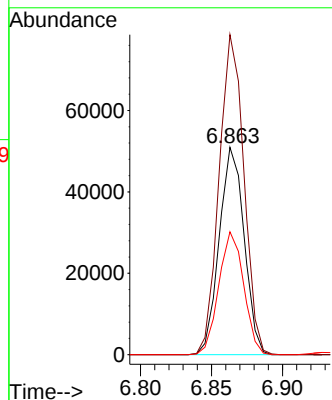
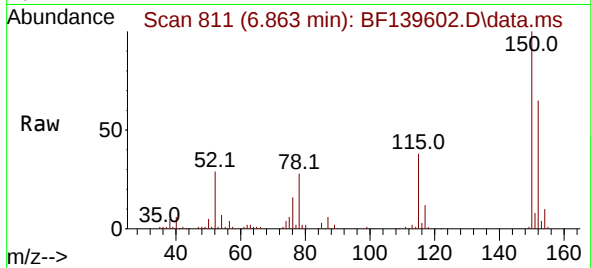




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.863 min Scan# 812
Delta R.T. -0.006 min
Lab File: BF139602.D
Acq: 02 Oct 2024 13:07

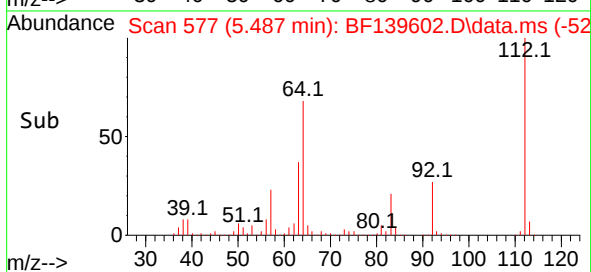
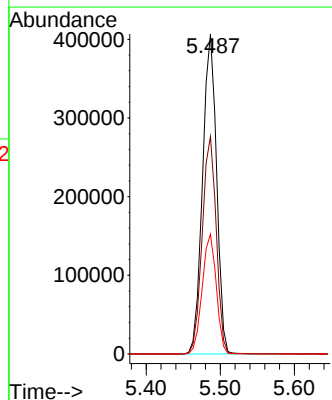
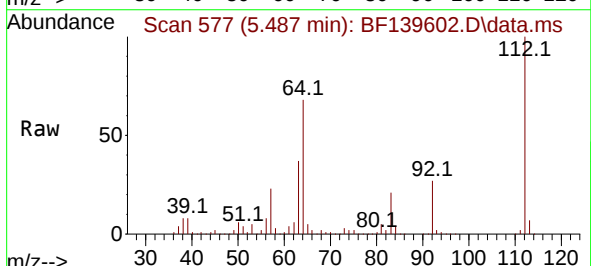
Instrument :
BNA_F
ClientSampleId :
TP5-WC-1RE

Tgt Ion:152 Resp: 62067
Ion Ratio Lower Upper
152 100
150 154.3 127.2 190.8
115 59.2 49.0 73.4



#5
2-Fluorophenol
Concen: 149.335 ng
RT: 5.487 min Scan# 577
Delta R.T. -0.000 min
Lab File: BF139602.D
Acq: 02 Oct 2024 13:07

Tgt Ion:112 Resp: 534765
Ion Ratio Lower Upper
112 100
64 68.0 54.2 81.4
63 37.5 29.4 44.2

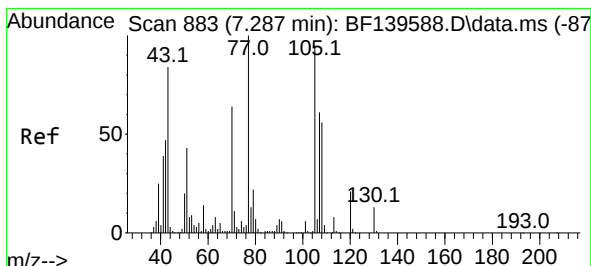
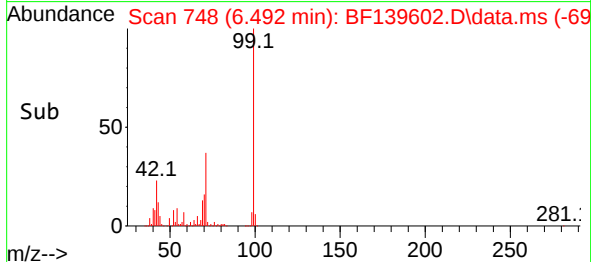
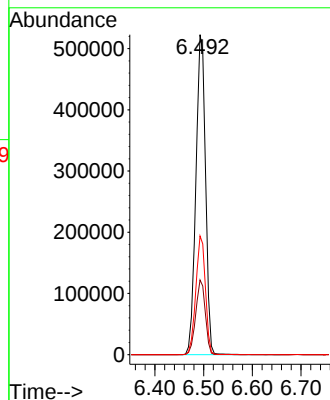
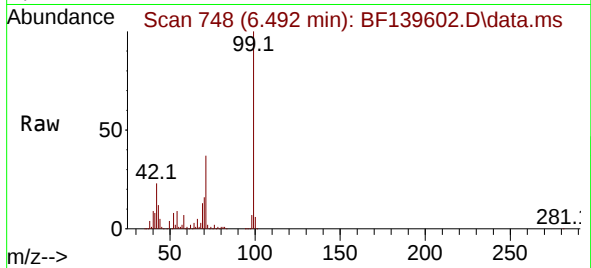




#7
Phenol-d6
Concen: 150.510 ng
RT: 6.492 min Scan# 74
Delta R.T. -0.012 min
Lab File: BF139602.D
Acq: 02 Oct 2024 13:07

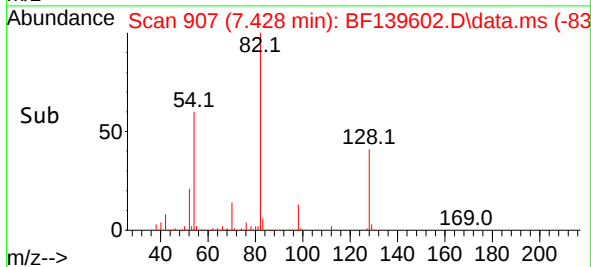
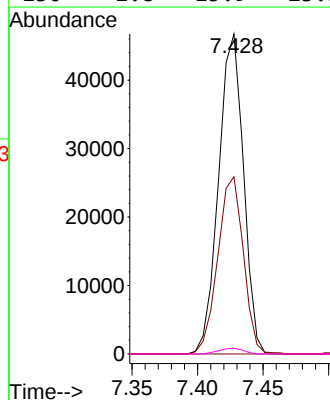
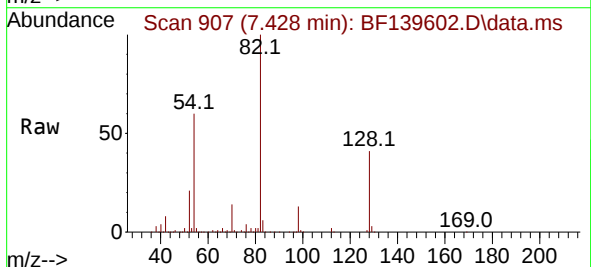
Instrument :
BNA_F
ClientSampleId :
TP5-WC-1RE

Tgt Ion: 99 Resp: 724802
Ion Ratio Lower Upper
99 100
42 23.4 19.1 28.7
71 37.1 29.7 44.5



#19
n-Nitroso-di-n-propylamine
Concen: 19.904 ng
RT: 7.428 min Scan# 907
Delta R.T. 0.141 min
Lab File: BF139602.D
Acq: 02 Oct 2024 13:07

Tgt Ion: 70 Resp: 61622
Ion Ratio Lower Upper
70 100
42 55.3 58.0 87.0#
101 0.0 7.8 11.8#
130 1.8 15.9 23.9#



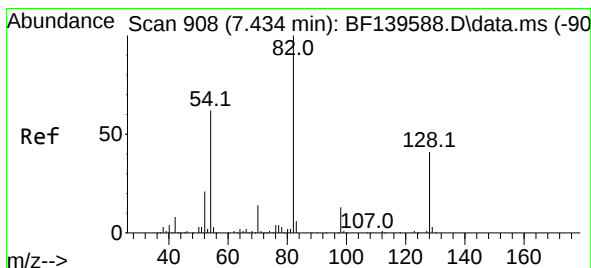
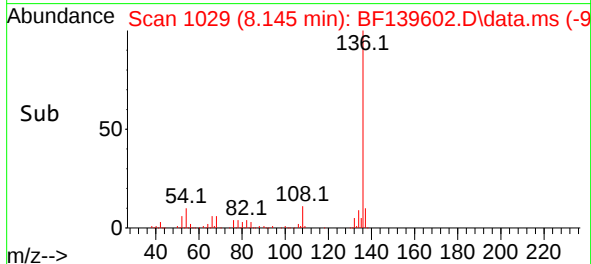
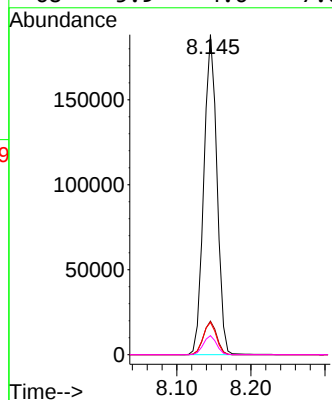
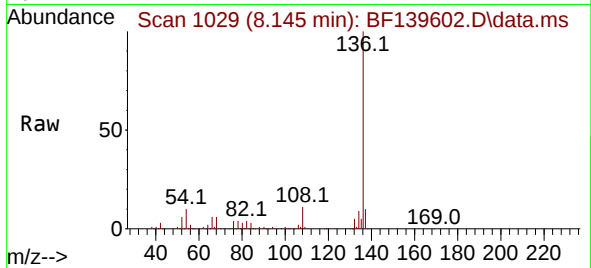


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.145 min Scan# 1029
Delta R.T. -0.006 min
Lab File: BF139602.D
Acq: 02 Oct 2024 13:07

Instrument :
BNA_F
ClientSampleId :
TP5-WC-1RE

Tgt Ion:136 Resp: 231564

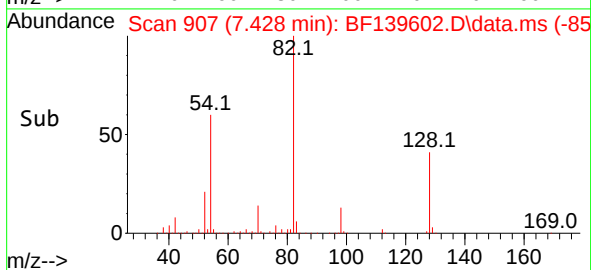
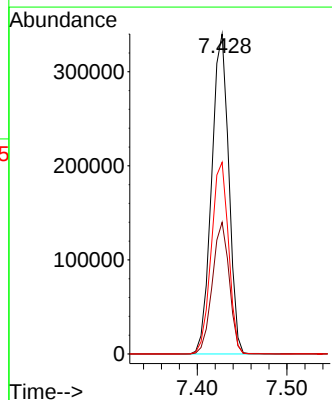
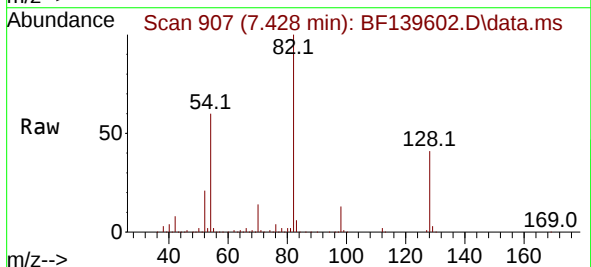
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.6	13.0
54	10.1	8.3	12.5
68	5.9	4.6	7.0

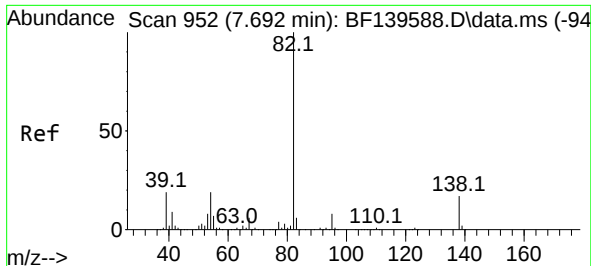


#23
Nitrobenzene-d5
Concen: 98.564 ng
RT: 7.428 min Scan# 907
Delta R.T. -0.006 min
Lab File: BF139602.D
Acq: 02 Oct 2024 13:07

Tgt Ion: 82 Resp: 450796

Ion	Ratio	Lower	Upper
82	100		
128	41.1	32.4	48.6
54	59.9	49.1	73.7

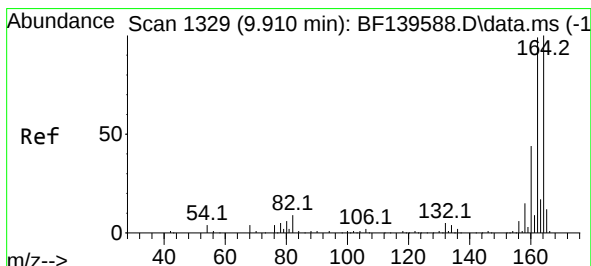
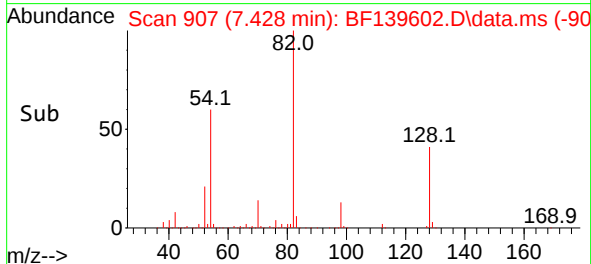
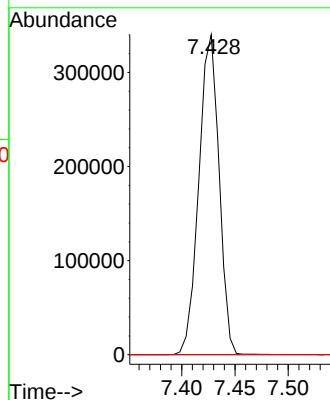
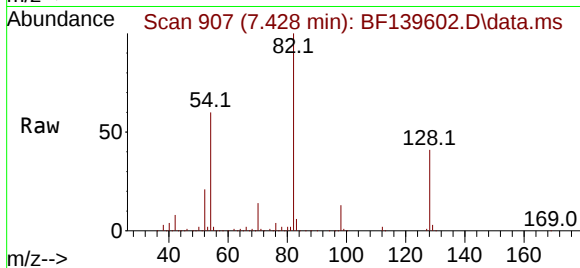




#25
Isophorone
Concen: 55.190 ng
RT: 7.428 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139602.D
Acq: 02 Oct 2024 13:07

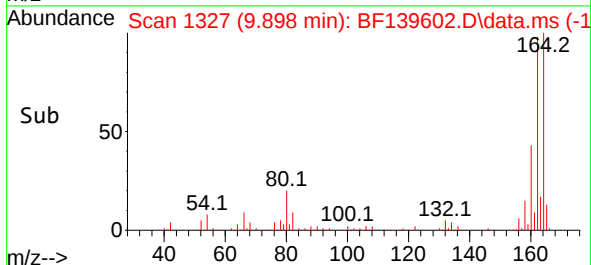
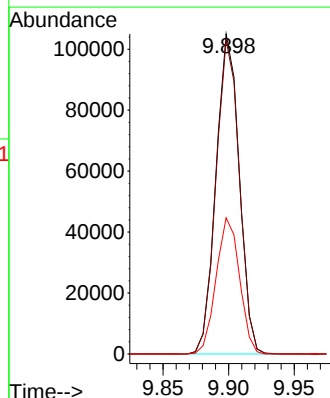
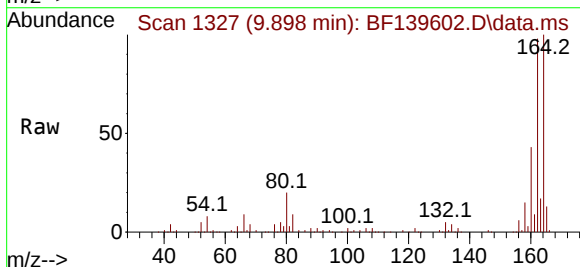
Instrument :
BNA_F
ClientSampleId :
TP5-WC-1RE

Tgt Ion: 82 Resp: 448329
Ion Ratio Lower Upper
82 100
95 0.0 6.1 9.1#
138 0.0 13.4 20.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.898 min Scan# 1327
Delta R.T. -0.012 min
Lab File: BF139602.D
Acq: 02 Oct 2024 13:07

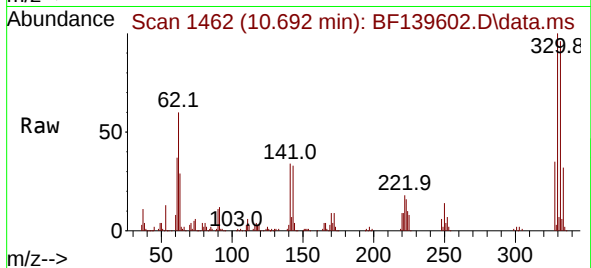
Tgt Ion:164 Resp: 129487
Ion Ratio Lower Upper
164 100
162 98.1 79.4 119.0
160 42.5 35.1 52.7



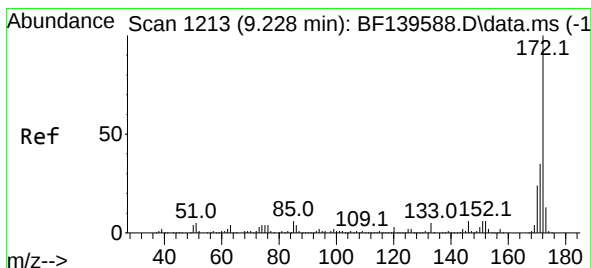
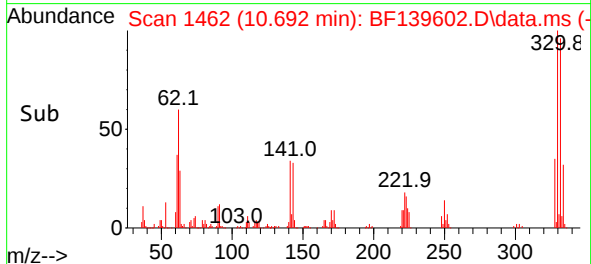
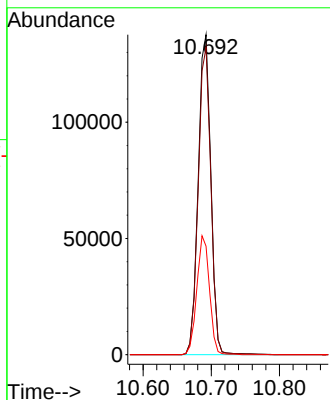


#42
2,4,6-Tribromophenol
Concen: 142.078 ng
RT: 10.692 min Scan# 1462
Delta R.T. -0.006 min
Lab File: BF139602.D
Acq: 02 Oct 2024 13:07

Instrument :
BNA_F
ClientSampleId :
TP5-WC-1RE

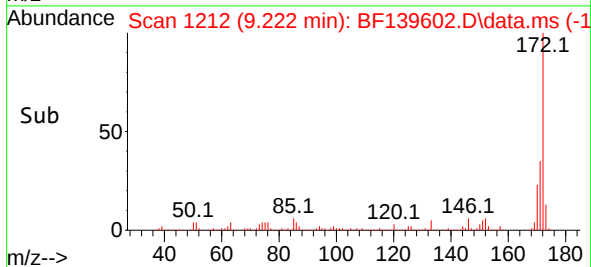
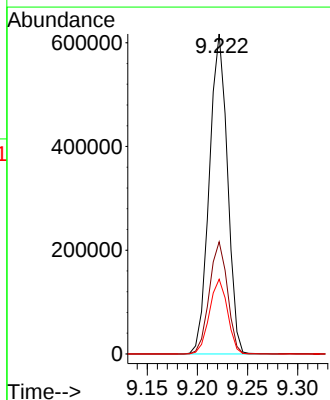
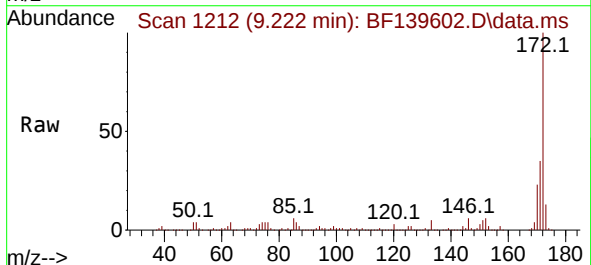


Tgt Ion:330 Resp: 177596
Ion Ratio Lower Upper
330 100
332 96.2 76.5 114.7
141 37.1 29.3 43.9



#45
2-Fluorobiphenyl
Concen: 91.837 ng
RT: 9.222 min Scan# 1212
Delta R.T. -0.006 min
Lab File: BF139602.D
Acq: 02 Oct 2024 13:07

Tgt Ion:172 Resp: 774608
Ion Ratio Lower Upper
172 100
171 35.0 28.2 42.4
170 23.4 18.8 28.2





#51

2,6-Dinitrotoluene

Concen: 8.483 ng

RT: 9.898 min Scan# 1

Delta R.T. 0.206 min

Lab File: BF139602.D

Acq: 02 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

TP5-WC-1RE

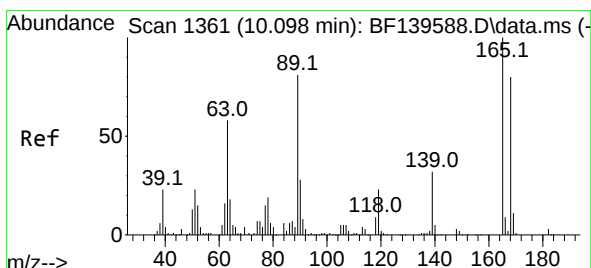
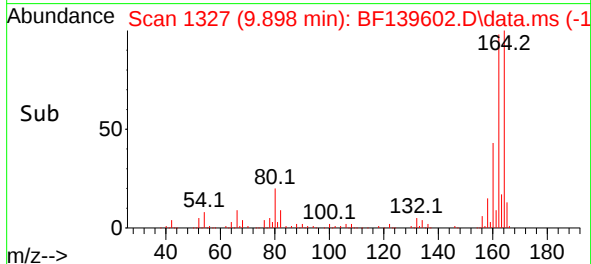
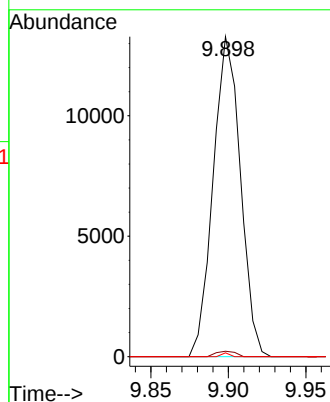
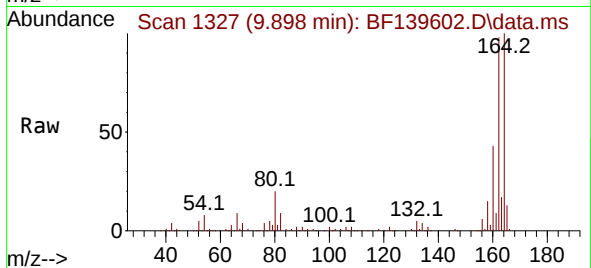
Tgt Ion:165 Resp: 16243

Ion Ratio Lower Upper

165 100

63 1.7 56.7 85.1#

89 1.2 51.6 77.4#



#57

2,4-Dinitrotoluene

Concen: 6.490 ng

RT: 9.898 min Scan# 1327

Delta R.T. -0.200 min

Lab File: BF139602.D

Acq: 02 Oct 2024 13:07

Tgt Ion:165 Resp: 16243

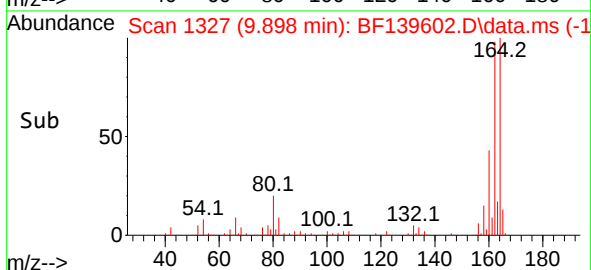
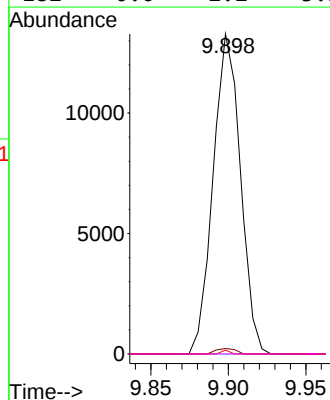
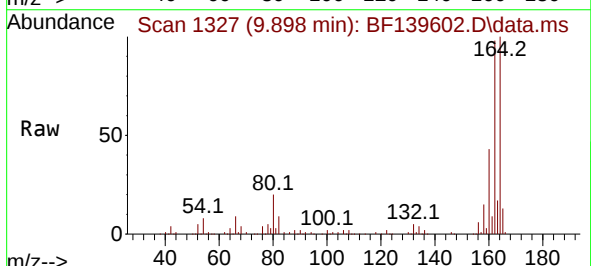
Ion Ratio Lower Upper

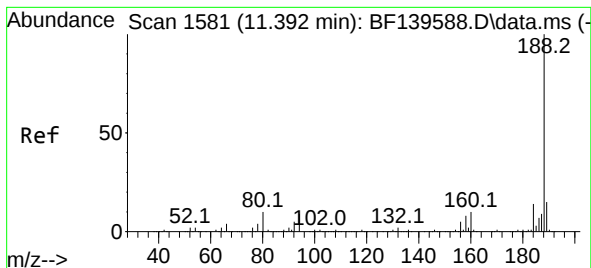
165 100

63 1.7 46.9 70.3#

89 1.2 64.4 96.6#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.386 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF139602.D

Acq: 02 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

TP5-WC-1RE

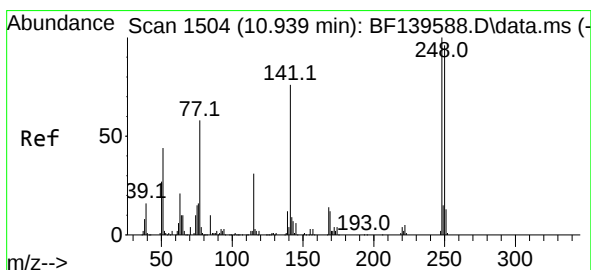
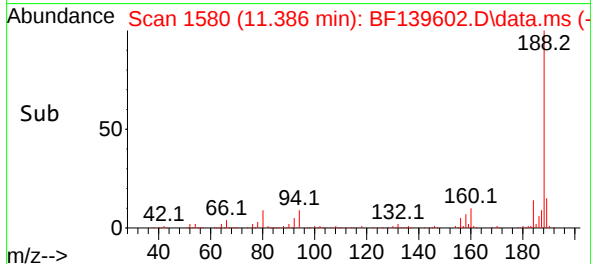
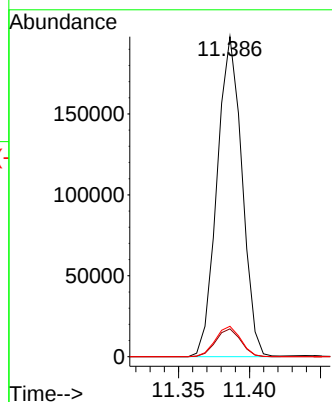
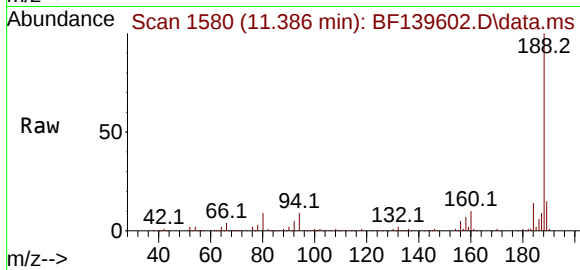
Tgt Ion:188 Resp: 241426

Ion Ratio Lower Upper

188 100

94 8.7 7.4 11.2

80 9.5 8.2 12.2



#67

4-Bromophenyl-phenylether

Concen: 4.777 ng

RT: 10.686 min Scan# 1461

Delta R.T. -0.253 min

Lab File: BF139602.D

Acq: 02 Oct 2024 13:07

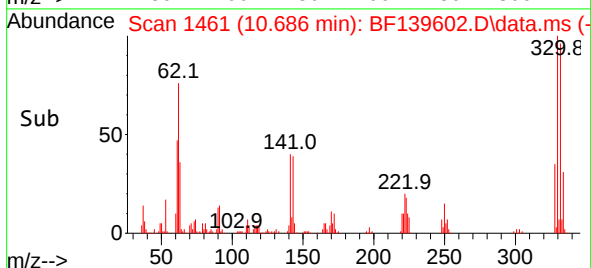
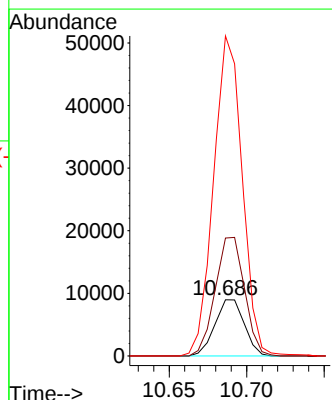
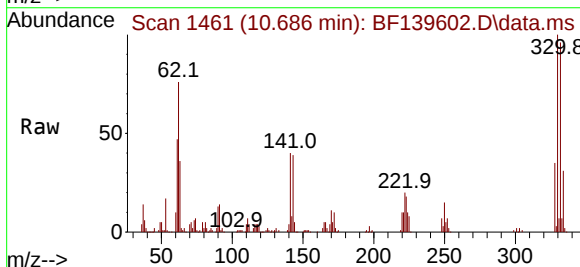
Tgt Ion:248 Resp: 11824

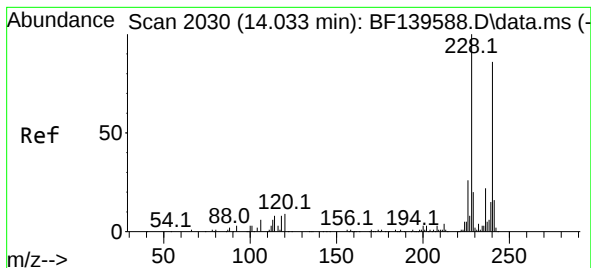
Ion Ratio Lower Upper

248 100

250 210.0 77.1 115.7#

141 569.9 60.4 90.6#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.027 min Scan# 2030

Delta R.T. -0.006 min

Lab File: BF139602.D

Acq: 02 Oct 2024 13:07

Instrument :

BNA_F

ClientSampleId :

TP5-WC-1RE

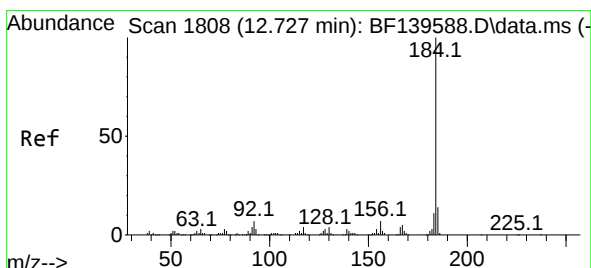
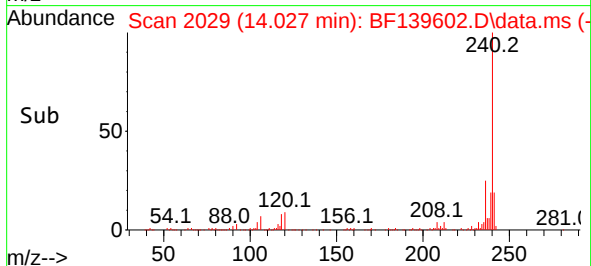
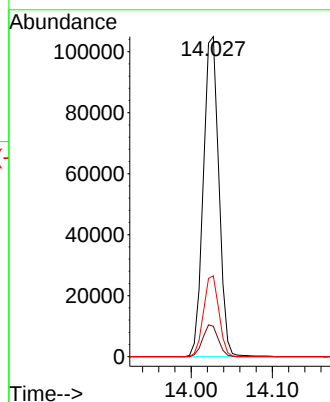
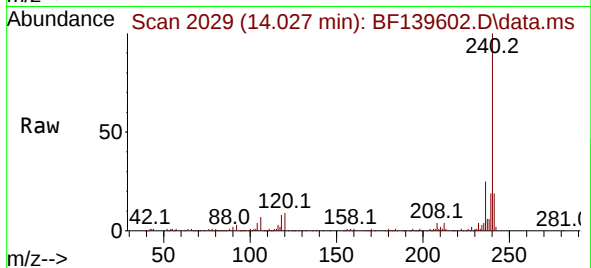
Tgt Ion:240 Resp: 139282

Ion Ratio Lower Upper

240 100

120 9.5 8.4 12.6

236 25.2 20.3 30.5



#77

Benzidine

Concen: 4.795 ng

RT: 12.974 min Scan# 1850

Delta R.T. 0.247 min

Lab File: BF139602.D

Acq: 02 Oct 2024 13:07

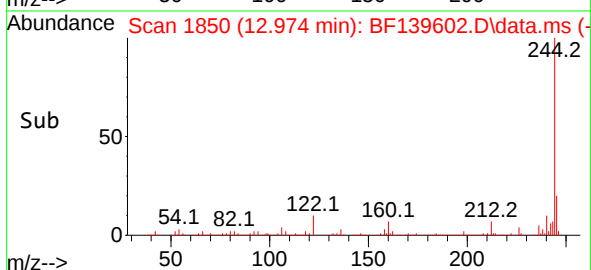
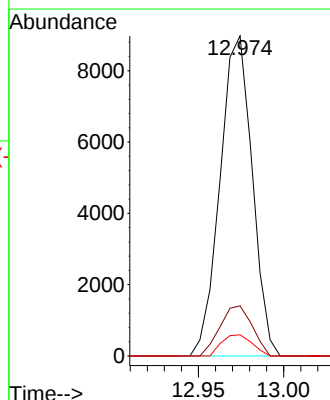
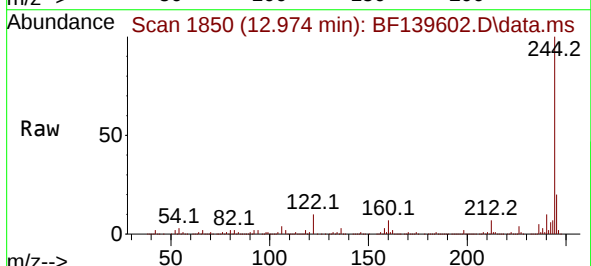
Tgt Ion:184 Resp: 11781

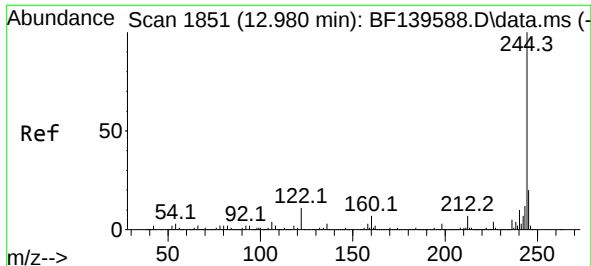
Ion Ratio Lower Upper

184 100

185 15.7 11.4 17.0

183 6.6 8.8 13.2#

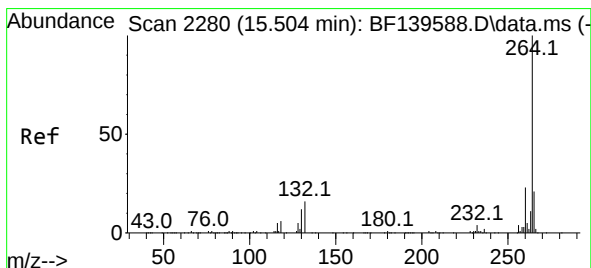
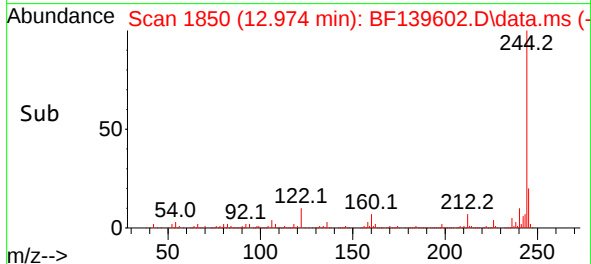
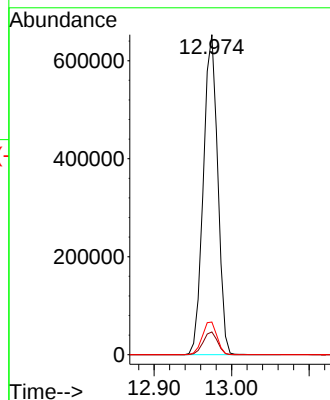
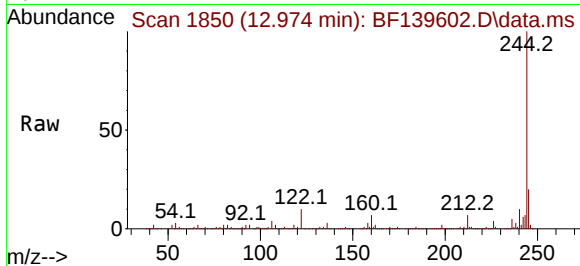




#79
 Terphenyl-d14
 Concen: 99.107 ng
 RT: 12.974 min Scan# 1850
 Delta R.T. -0.006 min
 Lab File: BF139602.D
 Acq: 02 Oct 2024 13:07

Instrument :
 BNA_F
 ClientSampleId :
 TP5-WC-1RE

Tgt Ion:244 Resp: 841272
 Ion Ratio Lower Upper
 244 100
 212 7.1 5.8 8.6
 122 10.2 8.6 12.8



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.492 min Scan# 2278
 Delta R.T. -0.012 min
 Lab File: BF139602.D
 Acq: 02 Oct 2024 13:07

Tgt Ion:264 Resp: 117372
 Ion Ratio Lower Upper
 264 100
 260 23.6 18.7 28.1
 265 21.2 16.9 25.3

