

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF091724\
 Data File : BF139412.D
 Acq On : 17 Sep 2024 19:58
 Operator : RC/JU
 Sample : P3963-01 2X
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DN-B-39

Quant Time: Sep 18 00:48:28 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)

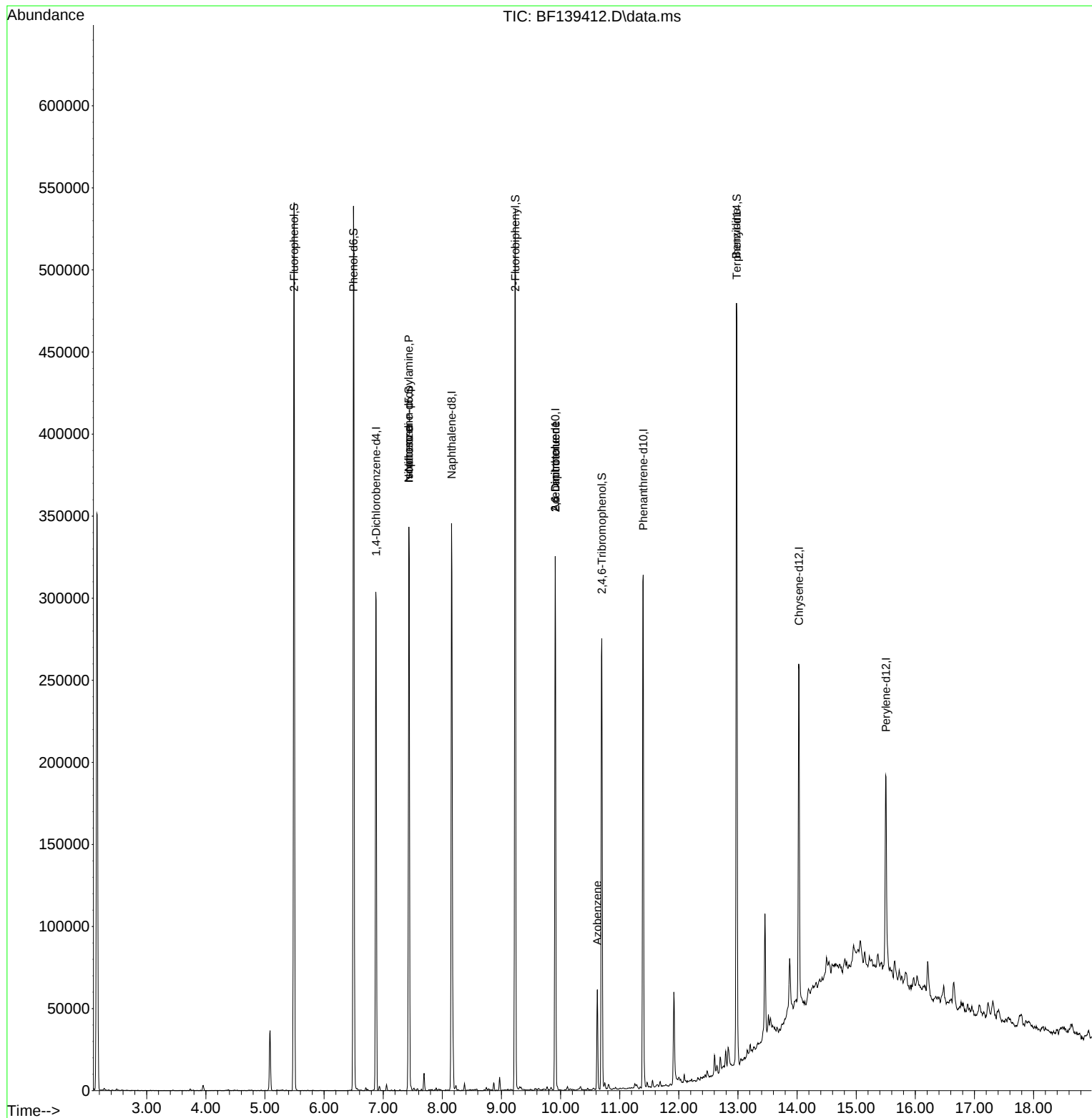
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.881	152	59961	20.000	ng	0.00
21) Naphthalene-d8	8.157	136	198820	20.000	ng	0.00
39) Acenaphthene-d10	9.910	164	91551	20.000	ng	0.00
64) Phenanthrene-d10	11.398	188	166963	20.000	ng	0.00
76) Chrysene-d12	14.033	240	96459	20.000	ng	0.00
86) Perylene-d12	15.504	264	71315	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.492	112	163665	44.528	ng	0.00
7) Phenol-d6	6.498	99	214019	44.362	ng	0.00
23) Nitrobenzene-d5	7.433	82	140444	33.208	ng	-0.01
42) 2,4,6-Tribromophenol	10.698	330	39953	40.991	ng	0.00
45) 2-Fluorobiphenyl	9.233	172	223532	34.244	ng	0.00
79) Terphenyl-d14	12.980	244	218710	37.217	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.433	70	19710	6.894	ng	# 78
25) Isophorone	7.433	82	140441	20.997	ng	# 66
51) 2,6-Dinitrotoluene	9.910	165	11748	8.825	ng	# 15
57) 2,4-Dinitrotoluene	9.910	165	11748	6.537	ng	# 16
63) Azobenzene	10.622	77	15651	2.566	ng	# 3
77) Benzydine	12.974	184	3643	2.636	ng	95

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

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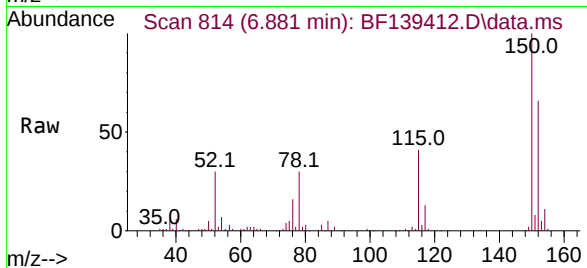
Quant Time: Sep 18 00:48:28 2024
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF091324.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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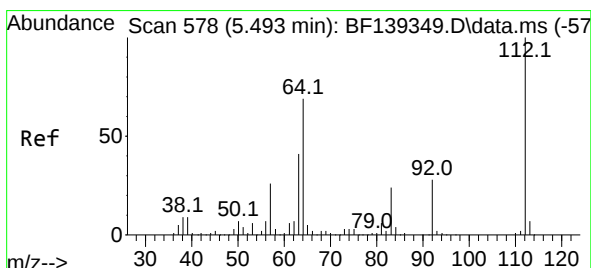
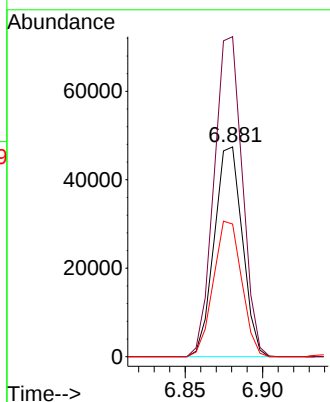
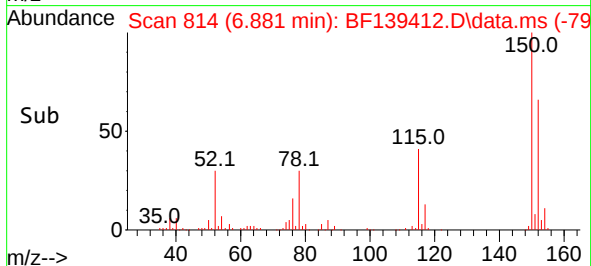


#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.881 min Scan# 814
Delta R.T. -0.000 min
Lab File: BF139412.D
Acq: 17 Sep 2024 19:58

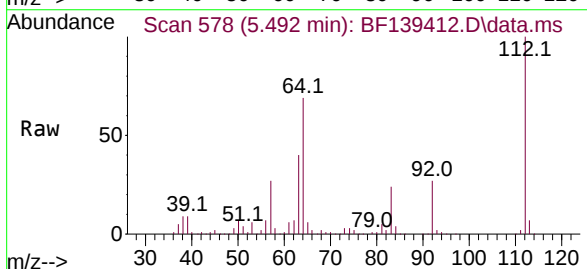
Instrument :
BNA_F
ClientSampleId :
DN-B-39



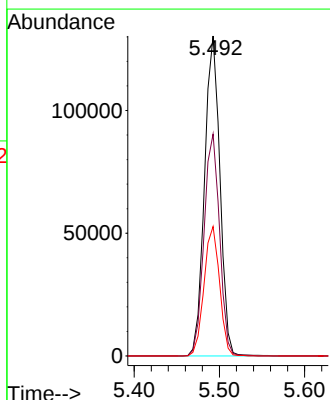
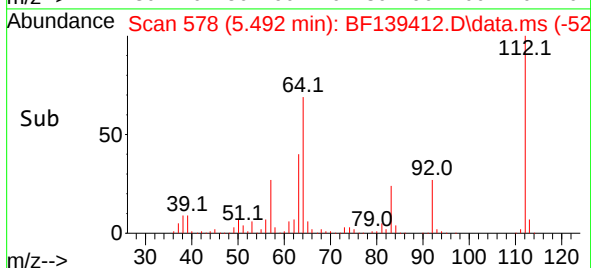
Tgt Ion:152 Resp: 59961
Ion Ratio Lower Upper
152 100
150 152.6 124.1 186.1
115 63.3 48.1 72.1

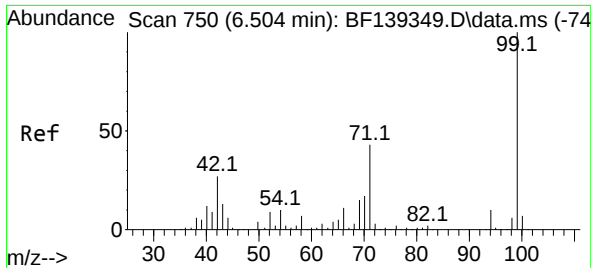


#5
2-Fluorophenol
Concen: 44.528 ng
RT: 5.492 min Scan# 578
Delta R.T. -0.001 min
Lab File: BF139412.D
Acq: 17 Sep 2024 19:58



Tgt Ion:112 Resp: 163665
Ion Ratio Lower Upper
112 100
64 69.4 54.8 82.2
63 40.5 33.0 49.4

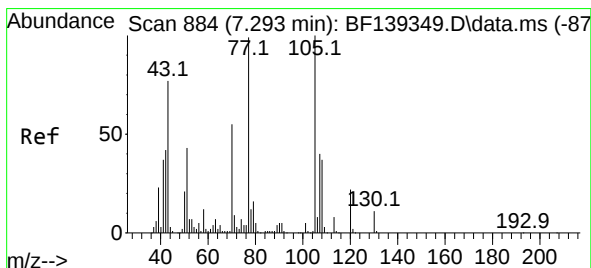
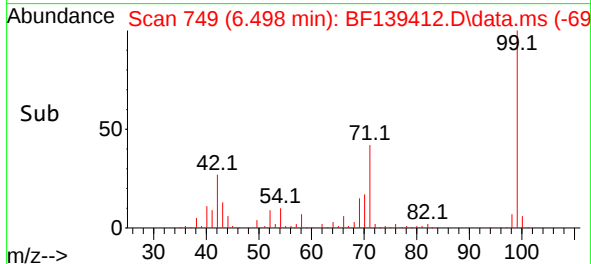
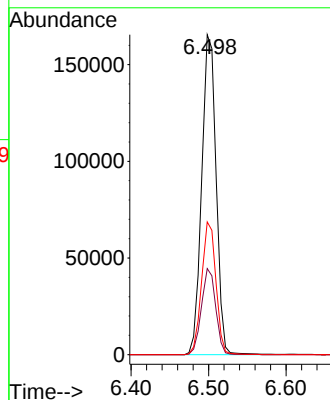
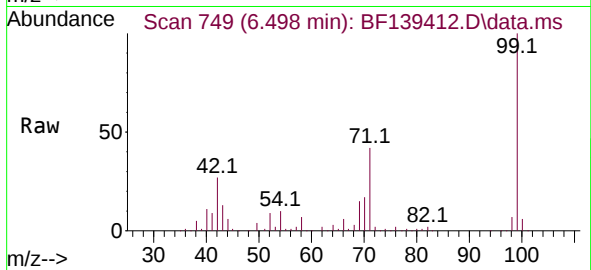




#7
Phenol-d6
Concen: 44.362 ng
RT: 6.498 min Scan# 74
Delta R.T. -0.006 min
Lab File: BF139412.D
Acq: 17 Sep 2024 19:58

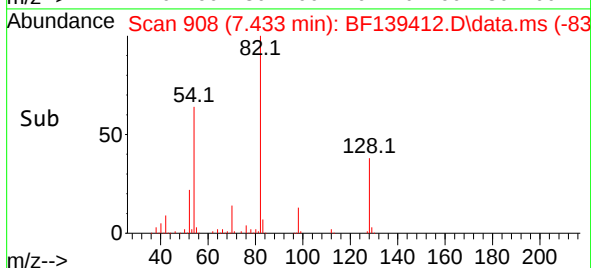
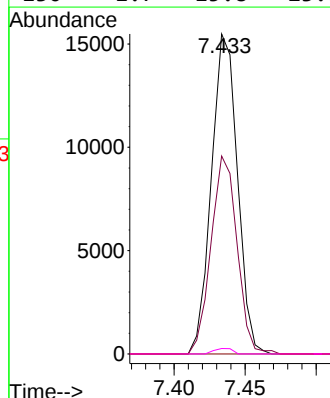
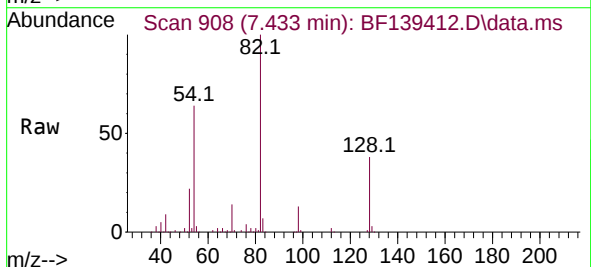
Instrument :
BNA_F
ClientSampleId :
DN-B-39

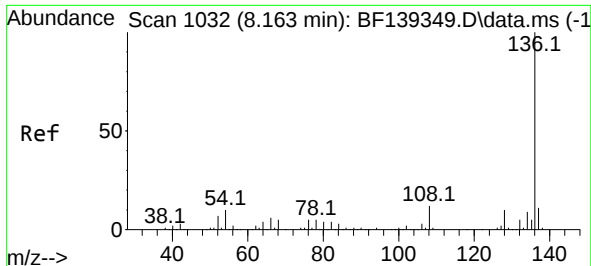
Tgt Ion: 99 Resp: 214019
Ion Ratio Lower Upper
99 100
42 26.9 21.9 32.9
71 41.5 34.6 52.0



#19
n-Nitroso-di-n-propylamine
Concen: 6.894 ng
RT: 7.433 min Scan# 908
Delta R.T. 0.141 min
Lab File: BF139412.D
Acq: 17 Sep 2024 19:58

Tgt Ion: 70 Resp: 19710
Ion Ratio Lower Upper
70 100
42 61.9 61.2 91.8
101 0.0 7.5 11.3#
130 1.7 15.8 23.8#

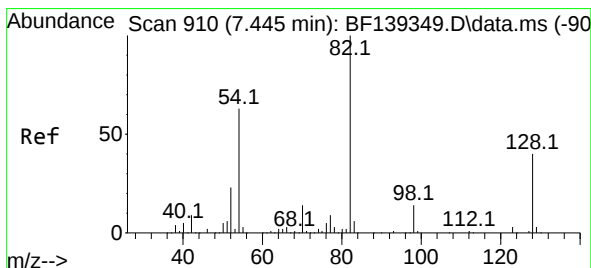
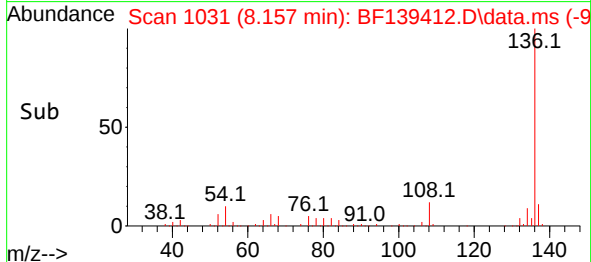
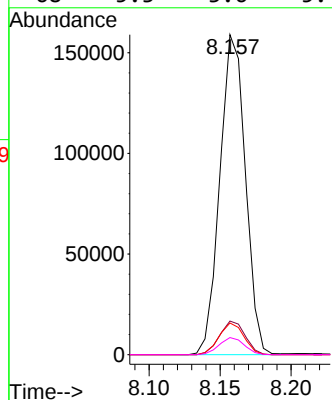
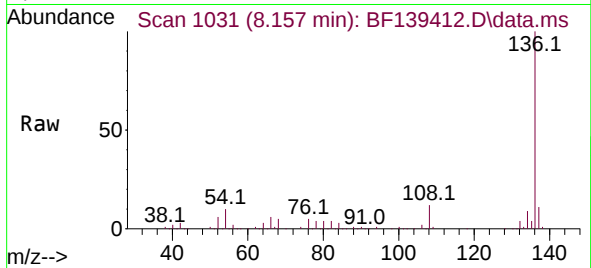




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.157 min Scan# 10
Delta R.T. -0.006 min
Lab File: BF139412.D
Acq: 17 Sep 2024 19:58

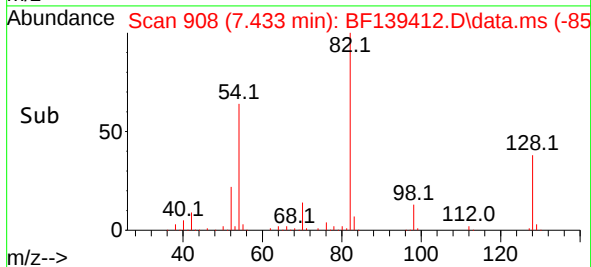
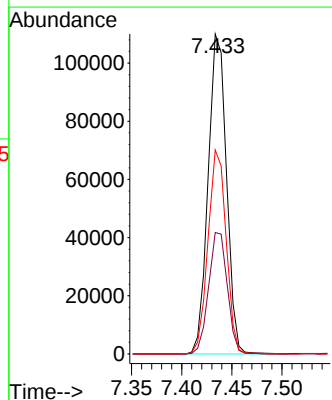
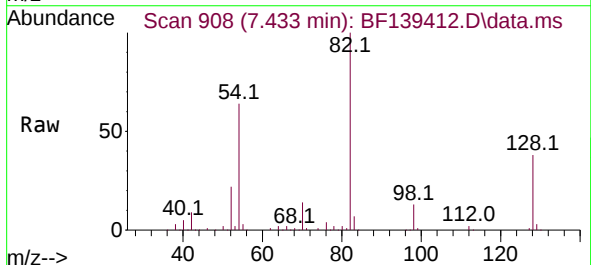
Instrument :
BNA_F
ClientSampleId :
DN-B-39

Tgt Ion:	136	Resp:	198820
Ion Ratio	Lower	Upper	
136	100		
137	10.5	8.6	12.8
54	9.9	7.8	11.8
68	5.3	3.6	5.4



#23
Nitrobenzene-d5
Concen: 33.208 ng
RT: 7.433 min Scan# 908
Delta R.T. -0.012 min
Lab File: BF139412.D
Acq: 17 Sep 2024 19:58

Tgt Ion:	82	Resp:	140444
Ion Ratio	Lower	Upper	
82	100		
128	38.0	31.8	47.6
54	63.8	50.6	75.8

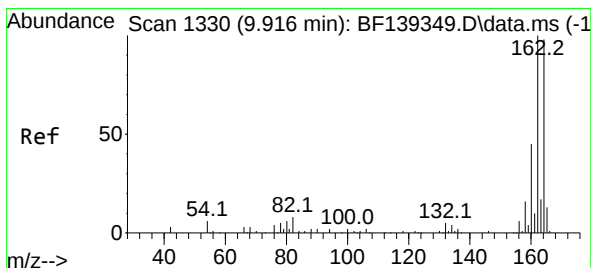
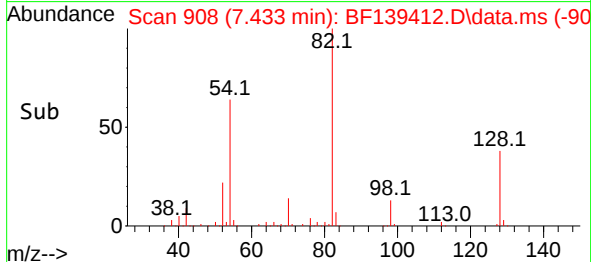
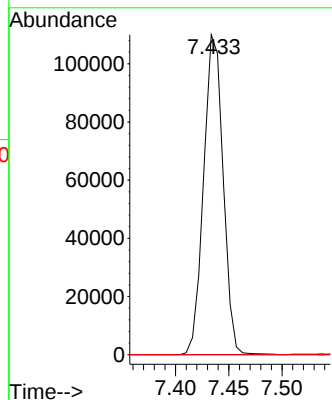
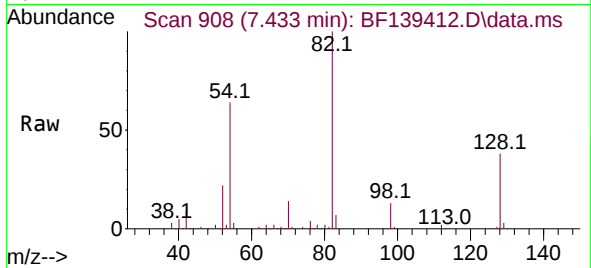




#25
Isophorone
Concen: 20.997 ng
RT: 7.433 min Scan# 90
Delta R.T. -0.265 min
Lab File: BF139412.D
Acq: 17 Sep 2024 19:58

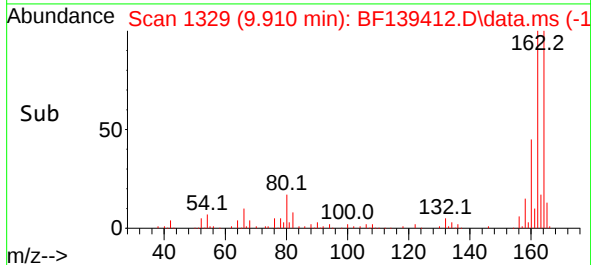
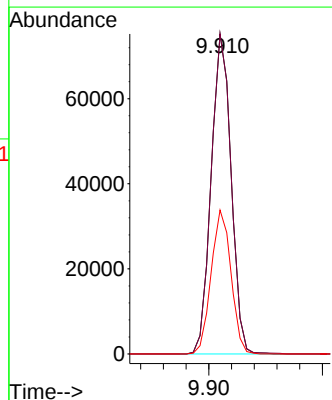
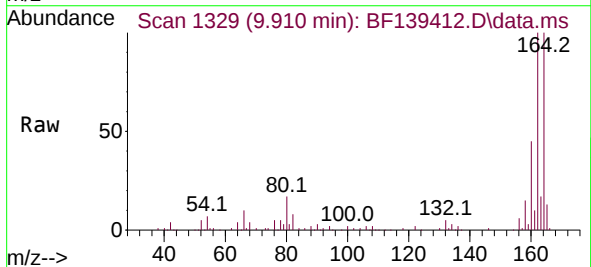
Instrument :
BNA_F
ClientSampleId :
DN-B-39

Tgt Ion: 82 Resp: 140441
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: BF139412.D
Acq: 17 Sep 2024 19:58

Tgt Ion: 164 Resp: 91551
Ion Ratio Lower Upper
164 100
162 100.0 81.3 121.9
160 45.0 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 40.991 ng

RT: 10.698 min Scan# 1463

Delta R.T. -0.000 min

Lab File: BF139412.D

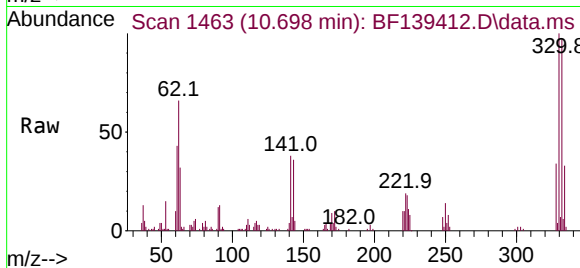
Acq: 17 Sep 2024 19:58

Instrument :

BNA_F

ClientSampleId :

DN-B-39



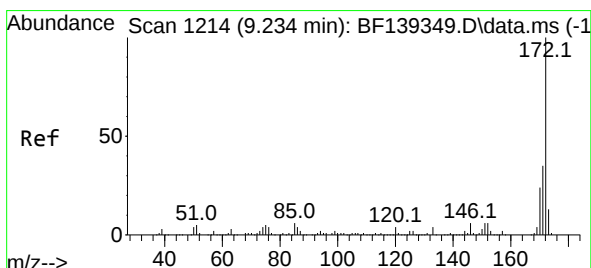
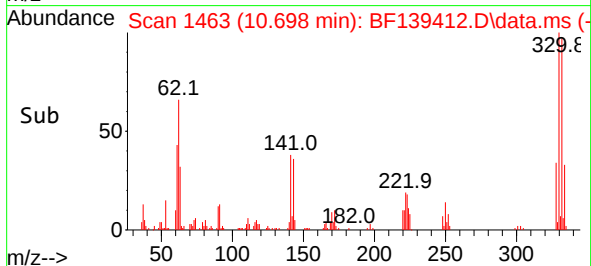
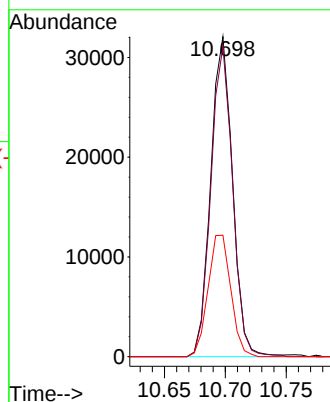
Tgt Ion:330 Resp: 39953

Ion Ratio Lower Upper

330 100

332 96.4 75.2 112.8

141 39.6 31.2 46.8



#45

2-Fluorobiphenyl

Concen: 34.244 ng

RT: 9.233 min Scan# 1214

Delta R.T. -0.000 min

Lab File: BF139412.D

Acq: 17 Sep 2024 19:58

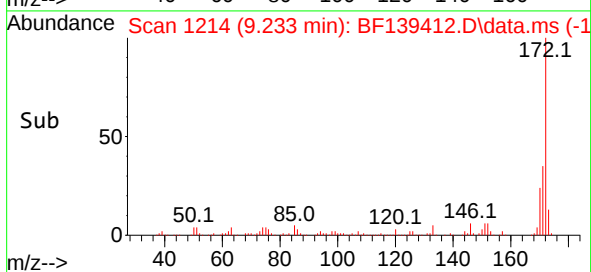
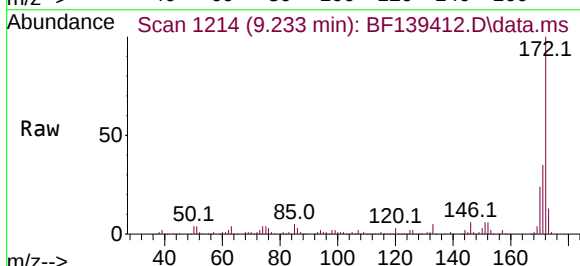
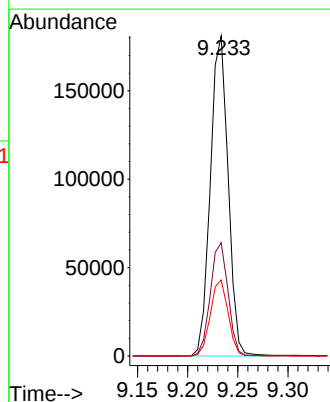
Tgt Ion:172 Resp: 223532

Ion Ratio Lower Upper

172 100

171 35.4 28.3 42.5

170 23.7 19.0 28.6

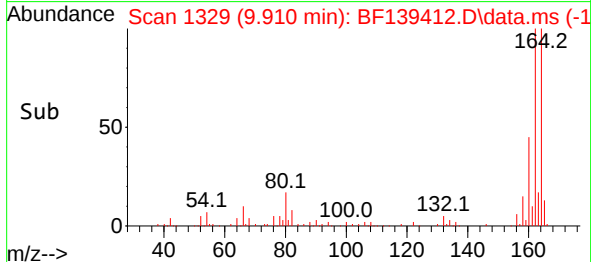
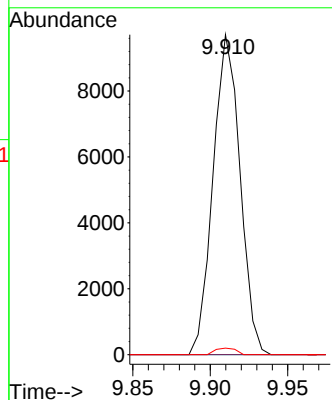
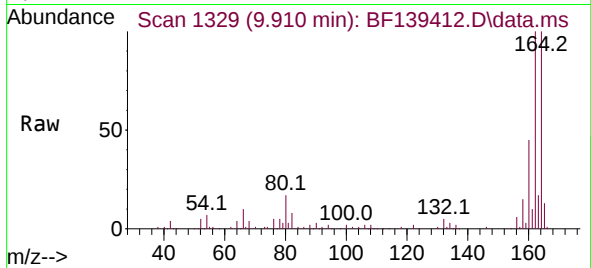




#51
2,6-Dinitrotoluene
Concen: 8.825 ng
RT: 9.910 min Scan# 11
Delta R.T. 0.212 min
Lab File: BF139412.D
Acq: 17 Sep 2024 19:58

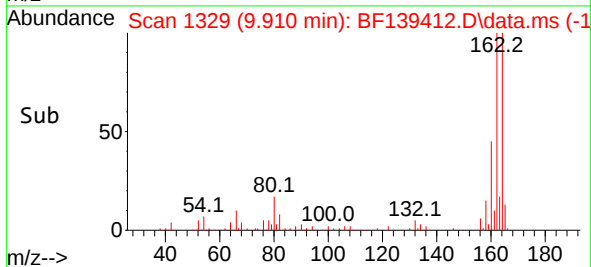
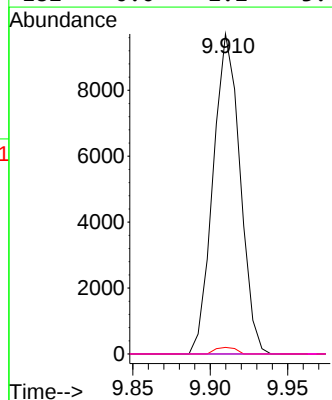
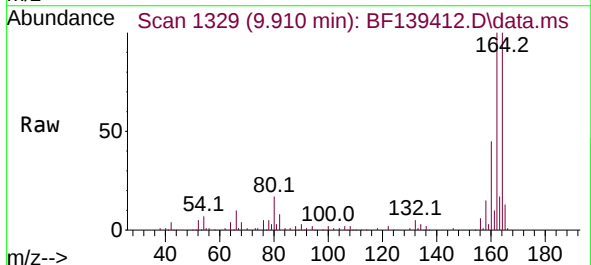
Instrument :
BNA_F
ClientSampleId :
DN-B-39

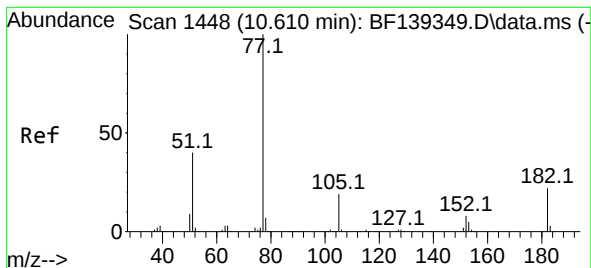
Tgt Ion:165 Resp: 11748
Ion Ratio Lower Upper
165 100
63 0.0 60.9 91.3#
89 2.0 54.7 82.1#



#57
2,4-Dinitrotoluene
Concen: 6.537 ng
RT: 9.910 min Scan# 1329
Delta R.T. -0.188 min
Lab File: BF139412.D
Acq: 17 Sep 2024 19:58

Tgt Ion:165 Resp: 11748
Ion Ratio Lower Upper
165 100
63 0.0 47.8 71.6#
89 2.0 66.7 100.1#
182 0.0 2.2 3.4#





#63

Azobenzene

Concen: 2.566 ng

RT: 10.622 min Scan# 1448

Delta R.T. 0.012 min

Lab File: BF139412.D

Acq: 17 Sep 2024 19:58

Instrument :

BNA_F

ClientSampleId :

DN-B-39

Tgt Ion: 77 Resp: 15651

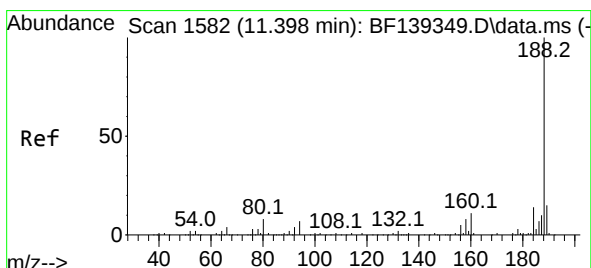
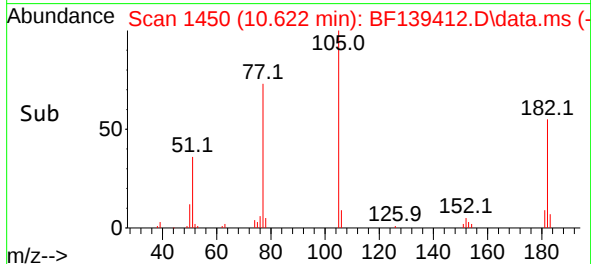
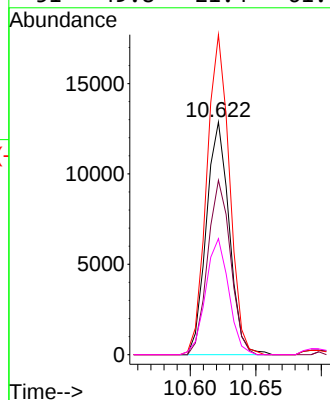
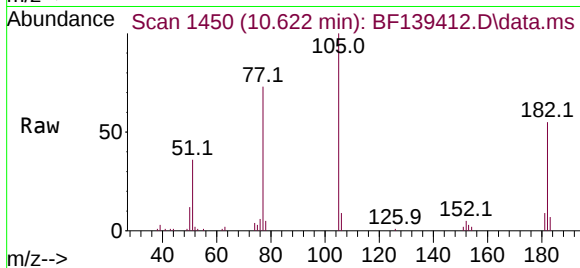
Ion Ratio Lower Upper

77 100

182 75.0 1.8 41.8#

105 137.5 0.0 38.6#

51 49.8 21.4 61.4



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.398 min Scan# 1582

Delta R.T. -0.000 min

Lab File: BF139412.D

Acq: 17 Sep 2024 19:58

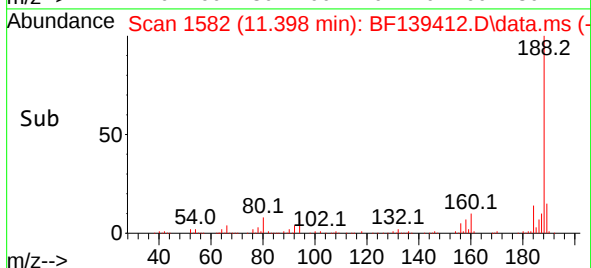
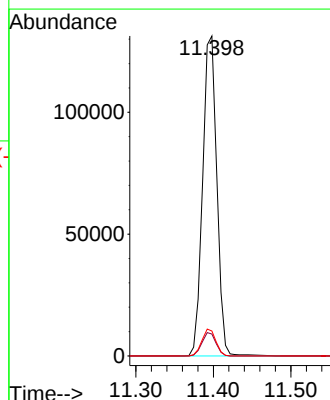
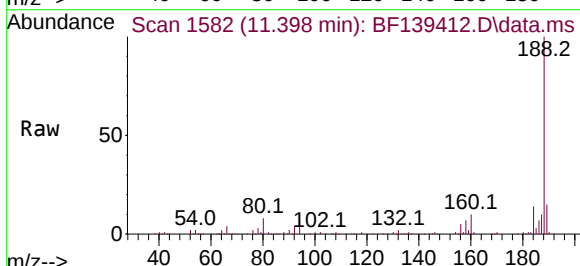
Tgt Ion: 188 Resp: 166963

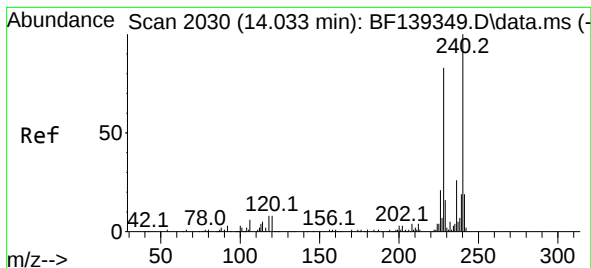
Ion Ratio Lower Upper

188 100

94 6.9 5.5 8.3

80 7.8 6.6 9.8





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.033 min Scan# 2030

Delta R.T. -0.000 min

Lab File: BF139412.D

Acq: 17 Sep 2024 19:58

Instrument :

BNA_F

ClientSampleId :

DN-B-39

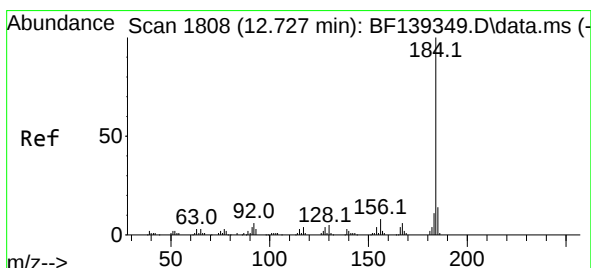
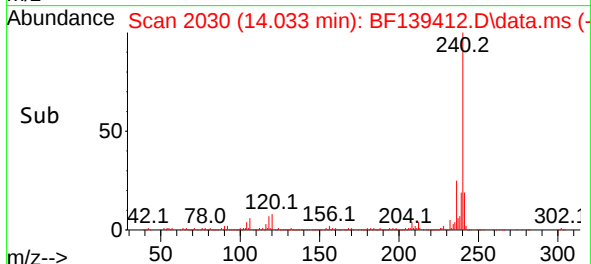
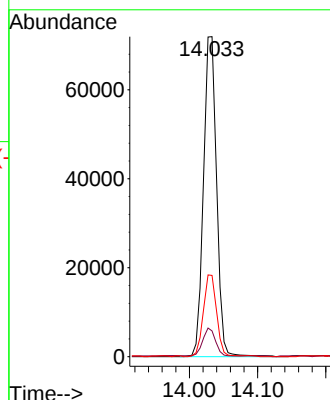
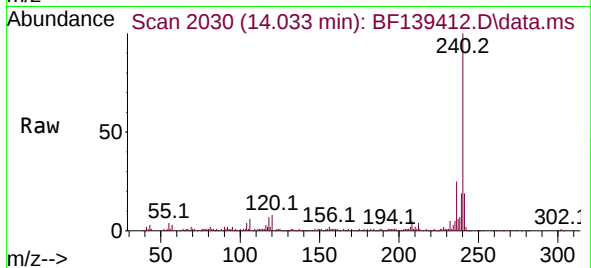
Tgt Ion:240 Resp: 96459

Ion Ratio Lower Upper

240 100

120 8.0 6.2 9.2

236 25.4 20.9 31.3



#77

Benzidine

Concen: 2.636 ng

RT: 12.974 min Scan# 1850

Delta R.T. 0.247 min

Lab File: BF139412.D

Acq: 17 Sep 2024 19:58

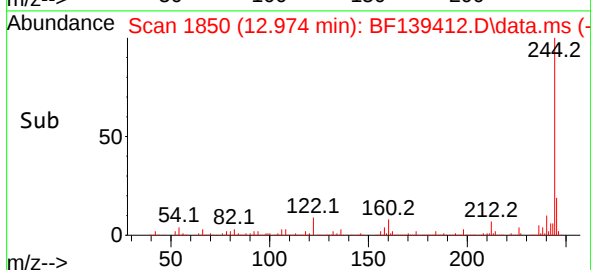
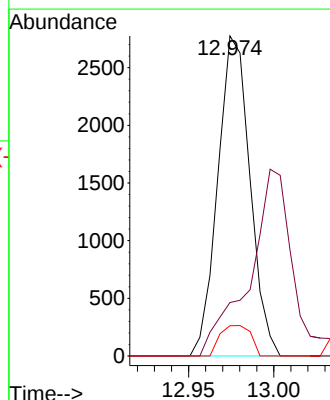
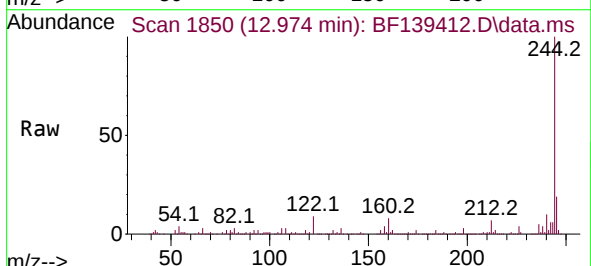
Tgt Ion:184 Resp: 3643

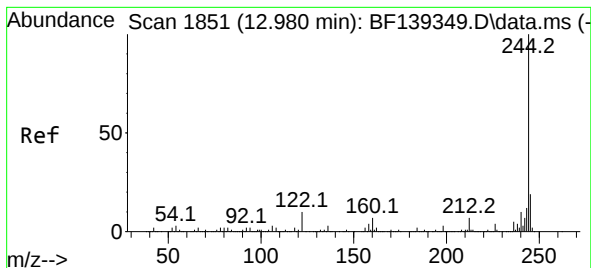
Ion Ratio Lower Upper

184 100

185 16.7 11.5 17.3

183 9.4 8.9 13.3





#79

Terphenyl-d14

Concen: 37.217 ng

RT: 12.980 min Scan# 11

Delta R.T. -0.000 min

Lab File: BF139412.D

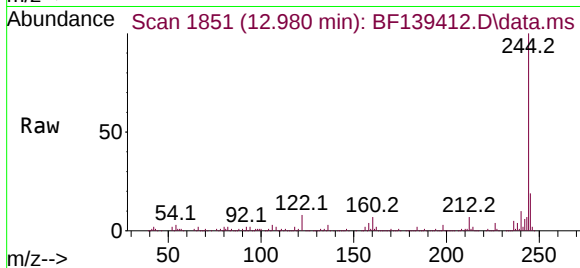
Acq: 17 Sep 2024 19:58

Instrument :

BNA_F

ClientSampleId :

DN-B-39



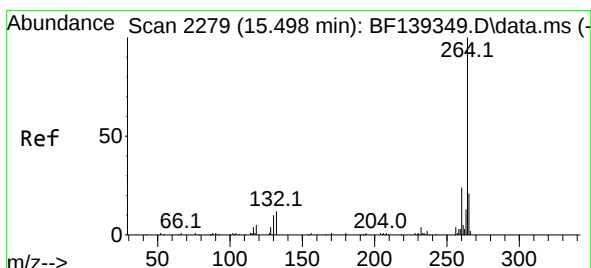
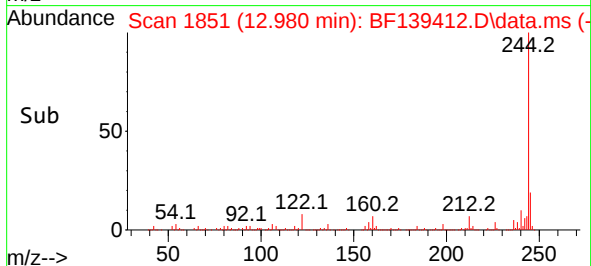
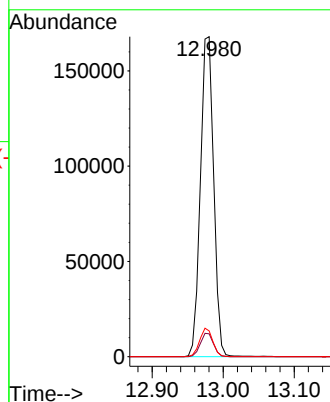
Tgt Ion:244 Resp: 218710

Ion Ratio Lower Upper

244 100

212 7.2 6.0 9.0

122 8.1 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: BF139412.D

Acq: 17 Sep 2024 19:58

Tgt Ion:264 Resp: 71315

Ion Ratio Lower Upper

264 100

260 23.4 19.5 29.3

265 20.7 16.6 25.0

