

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
 Data File : BF128648.D
 Acq On : 02 Jun 2022 20:09
 Operator : CG\JU
 Sample : N3104-02
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Quant Time: Jun 03 03:27:22 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 02 17:07:23 2022
 Response via : Initial Calibration

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

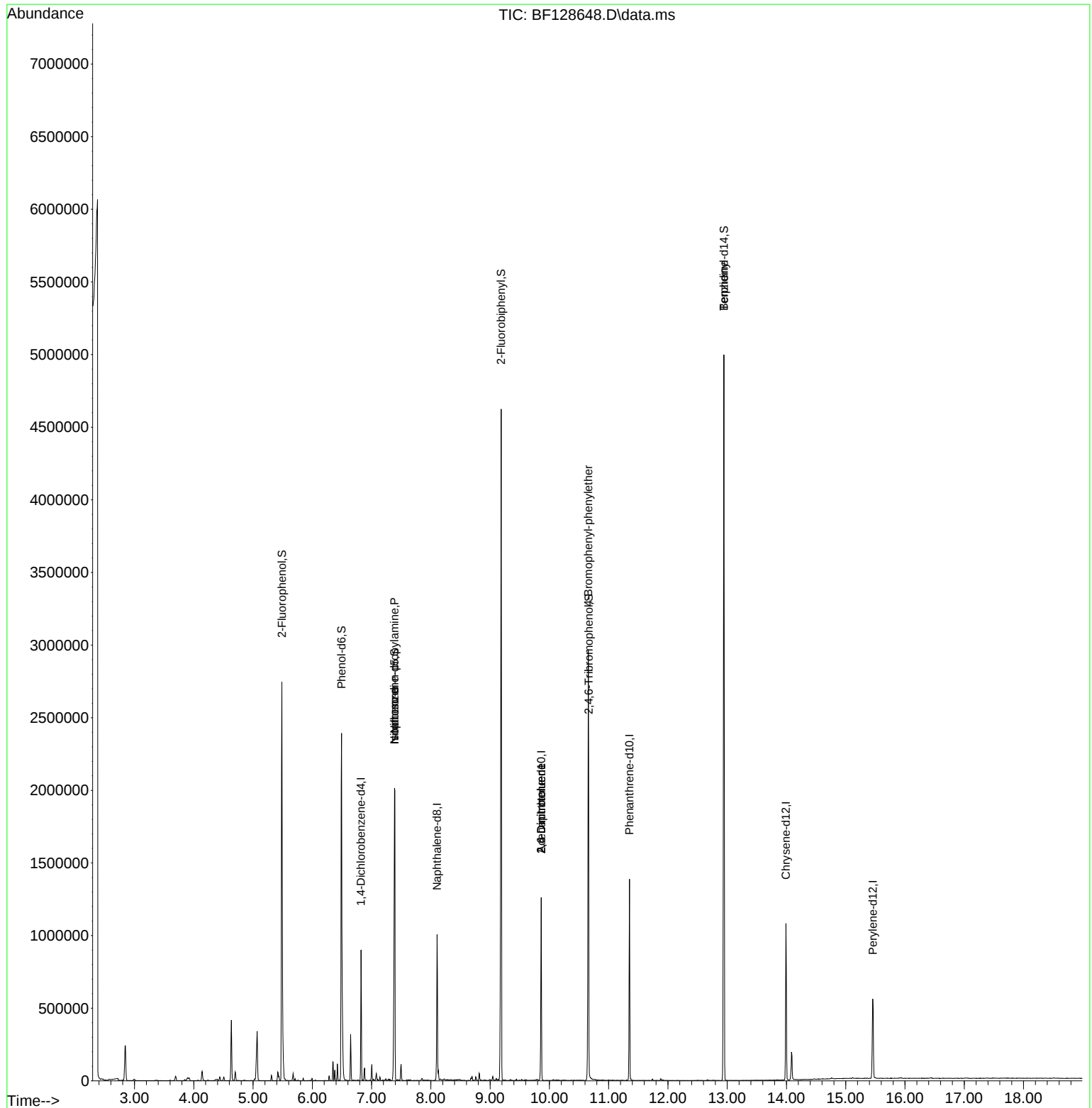
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.822	152	104515	20.000	ng	0.00
21) Naphthalene-d8	8.104	136	400269	20.000	ng	# 0.00
39) Acenaphthene-d10	9.863	164	231251	20.000	ng	0.00
64) Phenanthrene-d10	11.351	188	442332	20.000	ng	# 0.00
76) Chrysene-d12	13.992	240	359848	20.000	ng	# 0.00
86) Perylene-d12	15.457	264	247705	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.487	112	688238	104.889	ng	0.01
7) Phenol-d6	6.492	99	791974	98.879	ng	0.00
23) Nitrobenzene-d5	7.386	82	735647	85.569	ng	0.00
42) 2,4,6-Tribromophenol	10.663	330	346584	126.845	ng	0.00
45) 2-Fluorobiphenyl	9.186	172	1401145	84.874	ng	0.00
79) Terphenyl-d14	12.945	244	1707241	82.439	ng	0.00
Target Compounds						Qvalue
19) n-Nitroso-di-n-propyla...	7.386	70	106455	21.377	ng	# 78
25) Isophorone	7.386	82	734222	56.232	ng	# 65
51) 2,6-Dinitrotoluene	9.863	165	29099	9.314	ng	# 25
57) 2,4-Dinitrotoluene	9.863	165	29099	6.979	ng	# 21
67) 4-Bromophenyl-phenylether	10.657	248	22453	4.552	ng	# 1
77) Benzidine	12.945	184	26272	3.662	ng	# 93

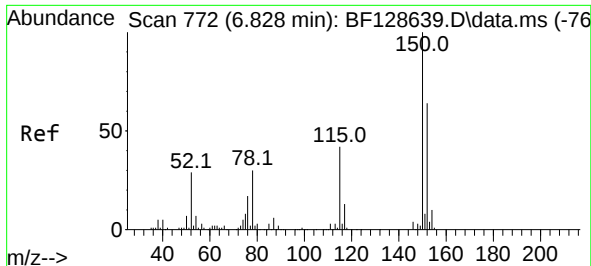
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF060222\
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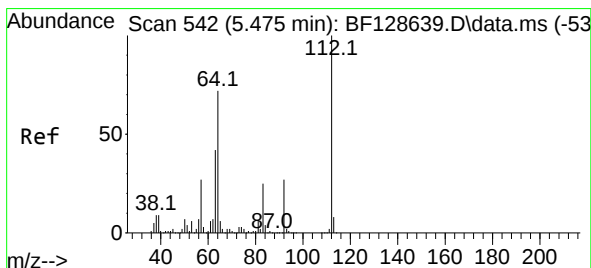
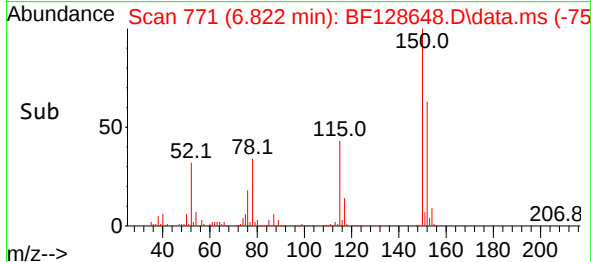
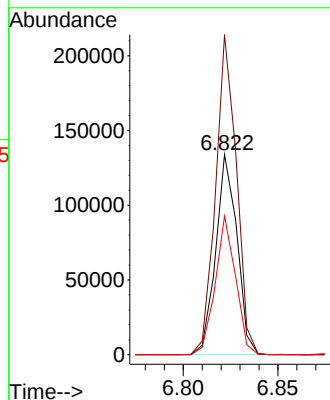
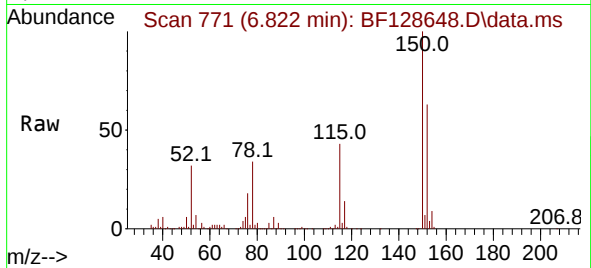




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.822 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128648.D
Acq: 02 Jun 2022 20:09

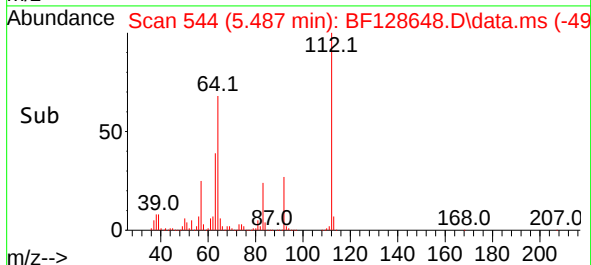
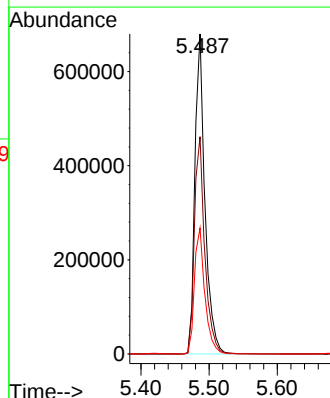
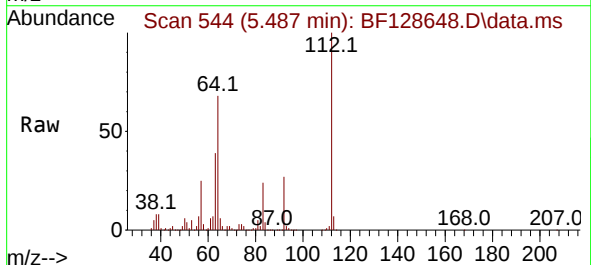
Instrument :
BNA_F
ClientSampleId :
WC-6

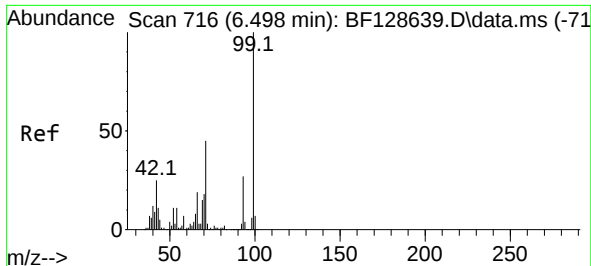
Tgt Ion:152 Resp: 104515
Ion Ratio Lower Upper
152 100
150 159.9 123.7 185.5
115 69.2 49.9 74.9



#5
2-Fluorophenol
Concen: 104.889 ng
RT: 5.487 min Scan# 544
Delta R.T. 0.012 min
Lab File: BF128648.D
Acq: 02 Jun 2022 20:09

Tgt Ion:112 Resp: 688238
Ion Ratio Lower Upper
112 100
64 67.9 53.3 79.9
63 39.3 28.0 42.0





#7
Phenol-d6
Concen: 98.879 ng
RT: 6.492 min Scan# 716
Delta R.T. -0.006 min
Lab File: BF128648.D
Acq: 02 Jun 2022 20:09

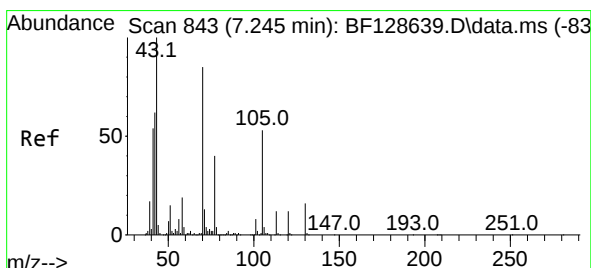
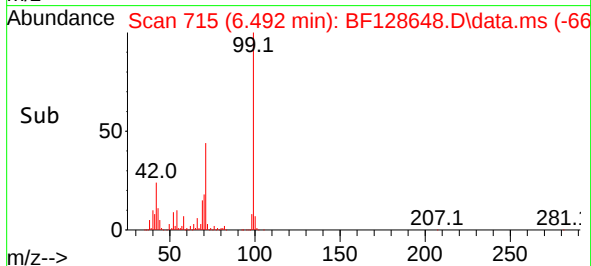
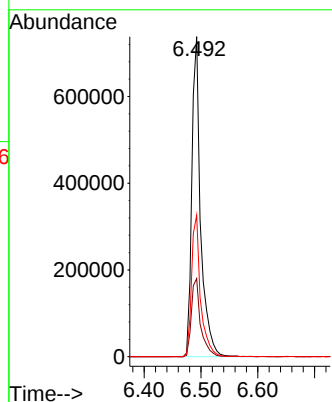
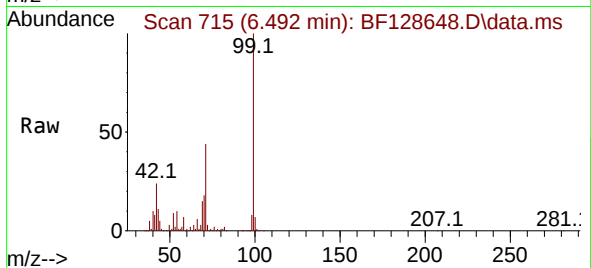
Instrument :

BNA_F

ClientSampleId :

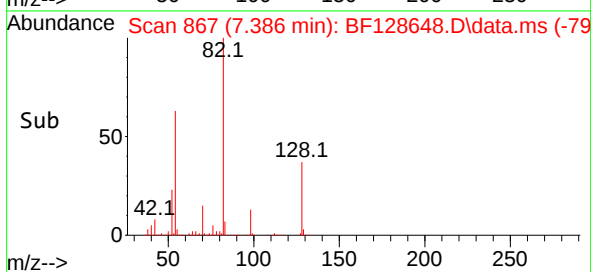
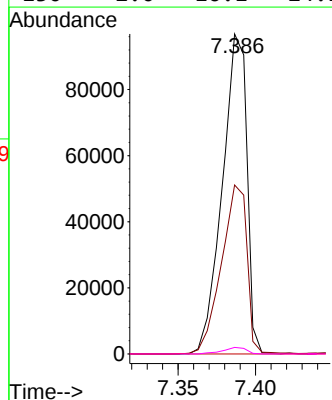
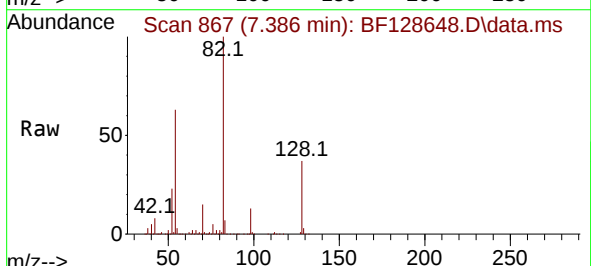
WC-6

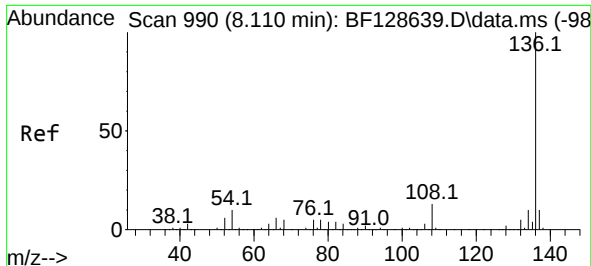
Tgt Ion: 99 Resp: 791974
Ion Ratio Lower Upper
99 100
42 24.4 17.3 25.9
71 44.3 28.9 43.3#



#19
n-Nitroso-di-n-propylamine
Concen: 21.377 ng
RT: 7.386 min Scan# 867
Delta R.T. 0.141 min
Lab File: BF128648.D
Acq: 02 Jun 2022 20:09

Tgt Ion: 70 Resp: 106455
Ion Ratio Lower Upper
70 100
42 52.8 52.3 78.5
101 0.0 7.5 11.3#
130 2.0 16.1 24.1#

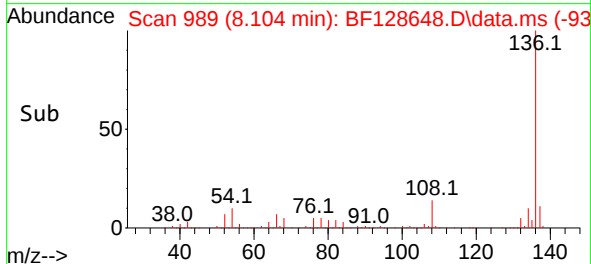
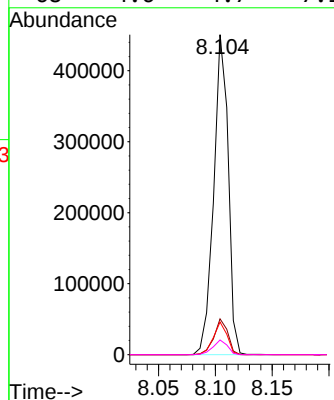
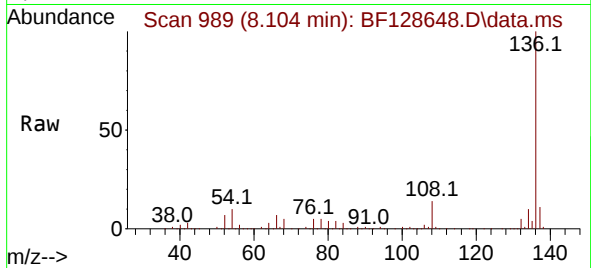




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.104 min Scan# 91
Delta R.T. -0.006 min
Lab File: BF128648.D
Acq: 02 Jun 2022 20:09

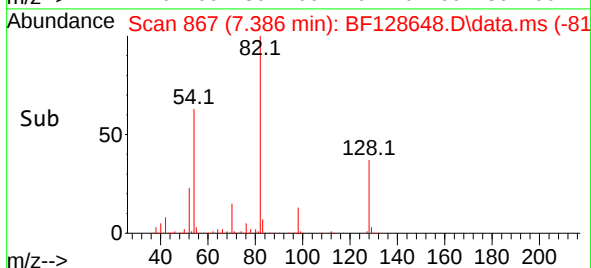
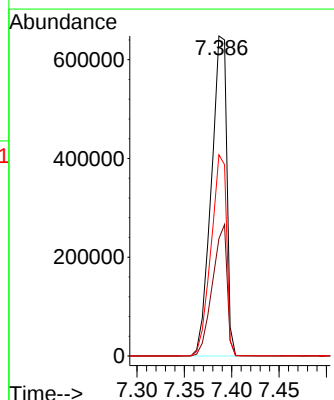
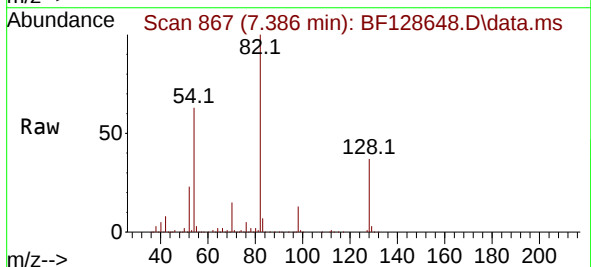
Instrument :
BNA_F
ClientSampleId :
WC-6

Tgt Ion:136 Resp: 400269
Ion Ratio Lower Upper
136 100
137 11.2 8.8 13.2
54 10.2 7.5 11.3
68 4.6 4.7 7.1#



#23
Nitrobenzene-d5
Concen: 85.569 ng
RT: 7.386 min Scan# 867
Delta R.T. -0.006 min
Lab File: BF128648.D
Acq: 02 Jun 2022 20:09

Tgt Ion: 82 Resp: 735647
Ion Ratio Lower Upper
82 100
128 36.6 34.0 51.0
54 62.9 46.9 70.3

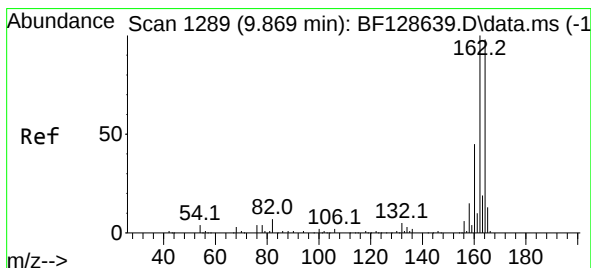
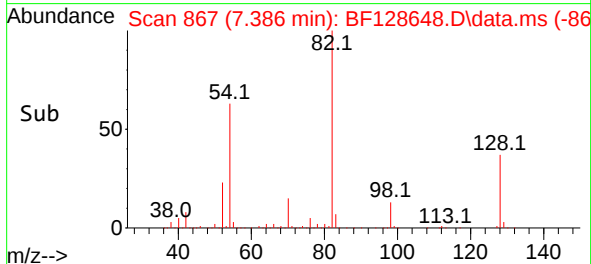
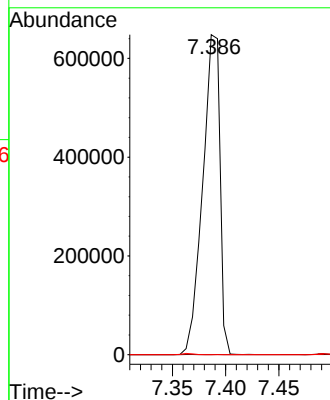
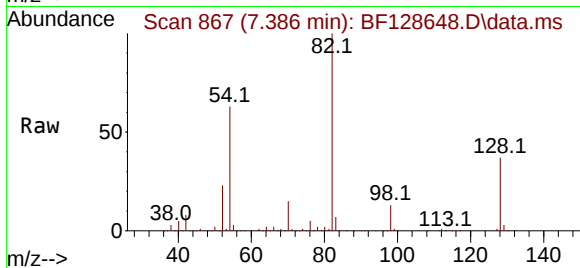




#25
Isophorone
Concen: 56.232 ng
RT: 7.386 min Scan# 80
Delta R.T. -0.265 min
Lab File: BF128648.D
Acq: 02 Jun 2022 20:09

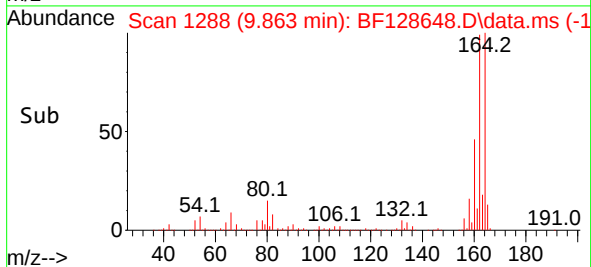
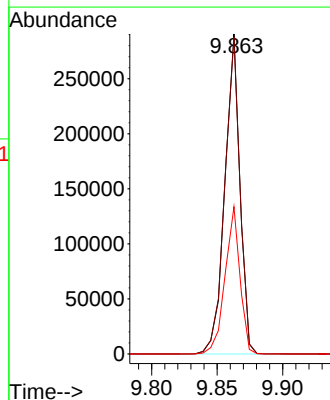
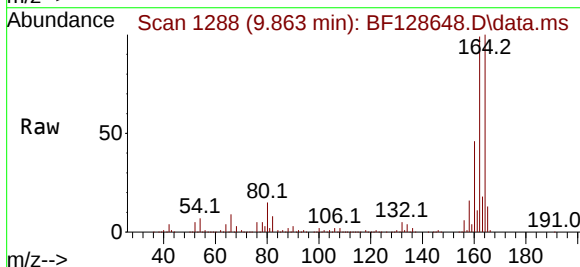
Instrument :
BNA_F
ClientSampleId :
WC-6

Tgt Ion: 82 Resp: 734222
Ion Ratio Lower Upper
82 100
95 0.0 5.7 8.5#
138 0.0 14.2 21.2#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.863 min Scan# 1288
Delta R.T. -0.006 min
Lab File: BF128648.D
Acq: 02 Jun 2022 20:09

Tgt Ion:164 Resp: 231251
Ion Ratio Lower Upper
164 100
162 99.1 79.5 119.3
160 46.0 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 126.845 ng

RT: 10.663 min Scan# 1424

Delta R.T. -0.000 min

Lab File: BF128648.D

Acq: 02 Jun 2022 20:09

Instrument :

BNA_F

ClientSampleId :

WC-6

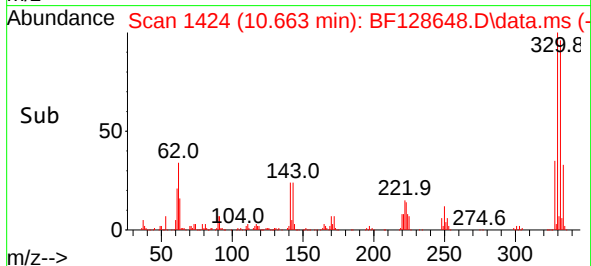
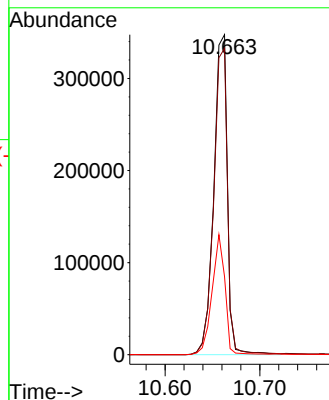
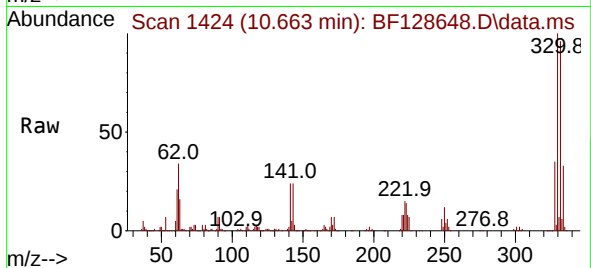
Tgt Ion:330 Resp: 346584

Ion Ratio Lower Upper

330 100

332 97.6 76.8 115.2

141 35.6 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 84.874 ng

RT: 9.186 min Scan# 1173

Delta R.T. -0.006 min

Lab File: BF128648.D

Acq: 02 Jun 2022 20:09

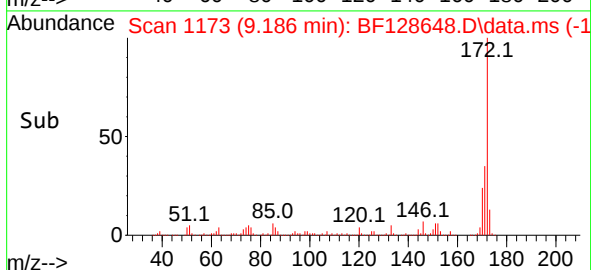
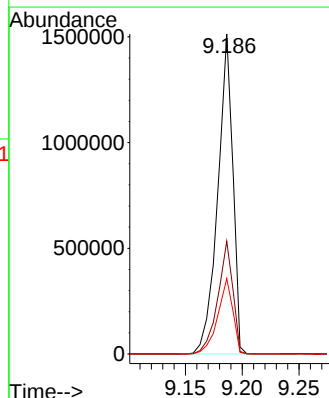
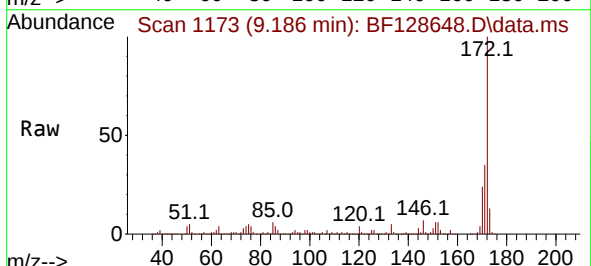
Tgt Ion:172 Resp: 1401145

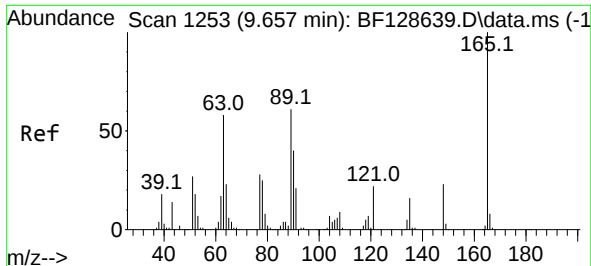
Ion Ratio Lower Upper

172 100

171 35.3 28.8 43.2

170 23.6 19.8 29.8





#51

2,6-Dinitrotoluene

Concen: 9.314 ng

RT: 9.863 min Scan# 1288

Delta R.T. 0.206 min

Lab File: BF128648.D

Acq: 02 Jun 2022 20:09

Instrument :

BNA_F

ClientSampleId :

WC-6

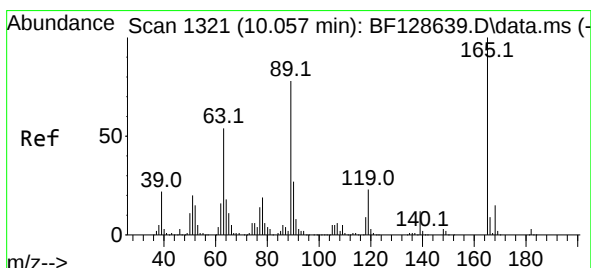
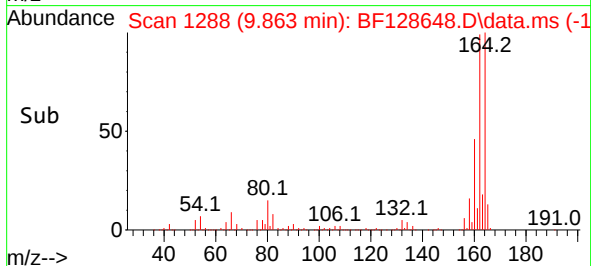
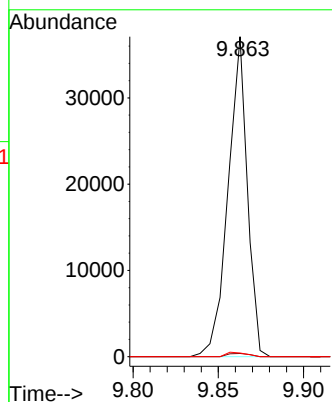
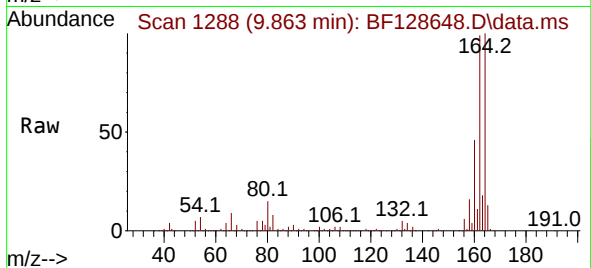
Tgt Ion:165 Resp: 29099

Ion Ratio Lower Upper

165 100

63 1.0 44.9 67.3#

89 1.2 43.6 65.4#



#57

2,4-Dinitrotoluene

Concen: 6.979 ng

RT: 9.863 min Scan# 1288

Delta R.T. -0.194 min

Lab File: BF128648.D

Acq: 02 Jun 2022 20:09

Tgt Ion:165 Resp: 29099

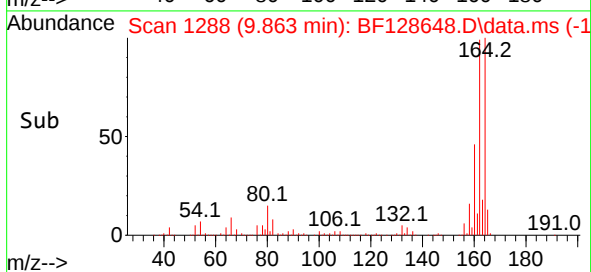
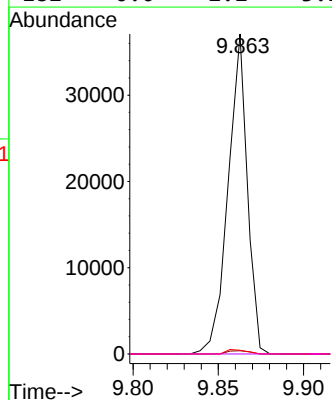
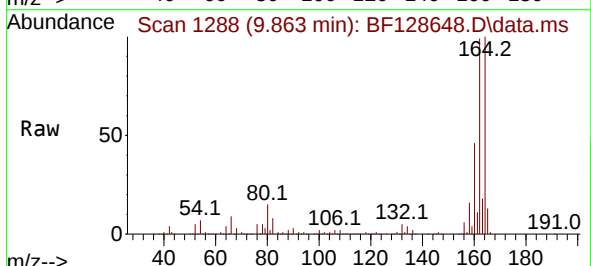
Ion Ratio Lower Upper

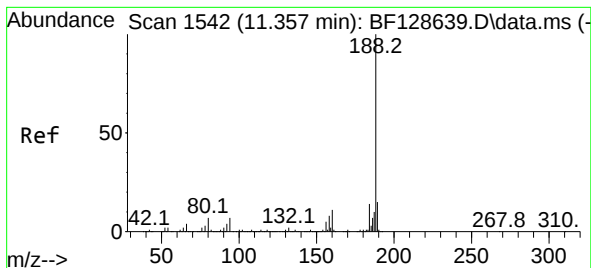
165 100

63 1.0 39.8 59.6#

89 1.2 60.2 90.2#

182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.351 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128648.D

Acq: 02 Jun 2022 20:09

Instrument :

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ClientSampleId :

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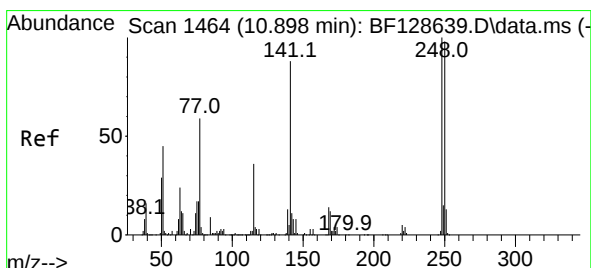
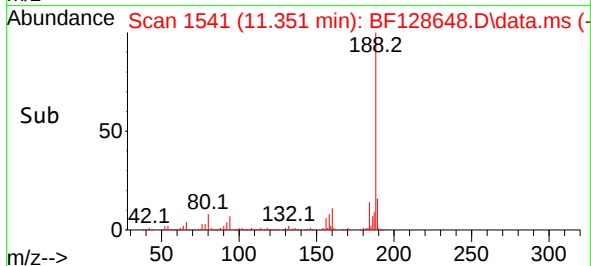
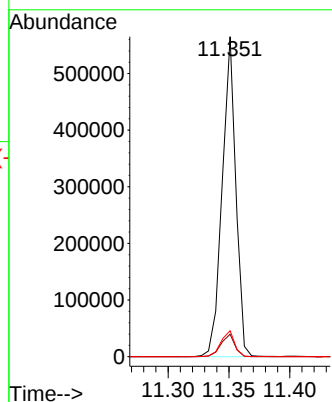
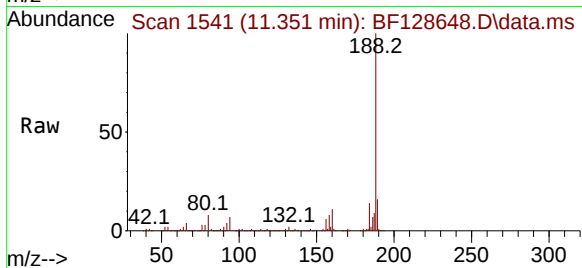
Tgt Ion:188 Resp: 442332

Ion Ratio Lower Upper

188 100

94 7.0 7.0 10.6#

80 8.1 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.552 ng

RT: 10.657 min Scan# 1423

Delta R.T. -0.241 min

Lab File: BF128648.D

Acq: 02 Jun 2022 20:09

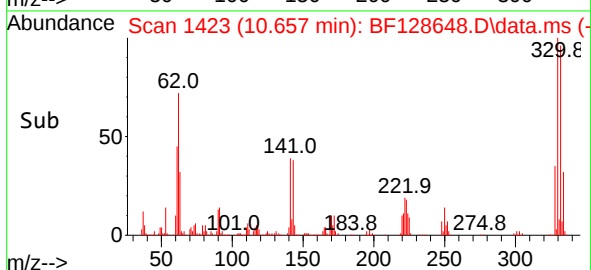
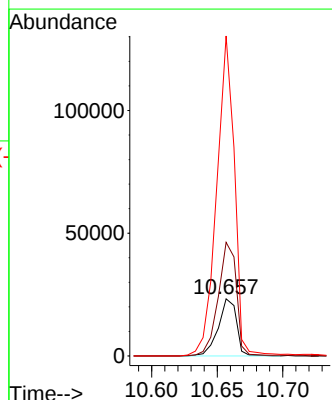
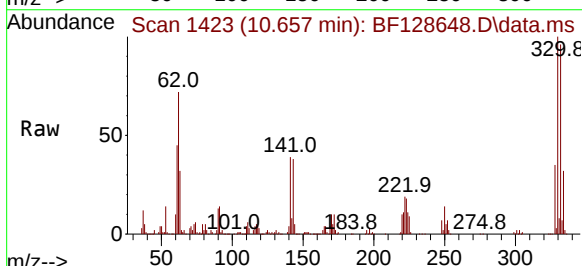
Tgt Ion:248 Resp: 22453

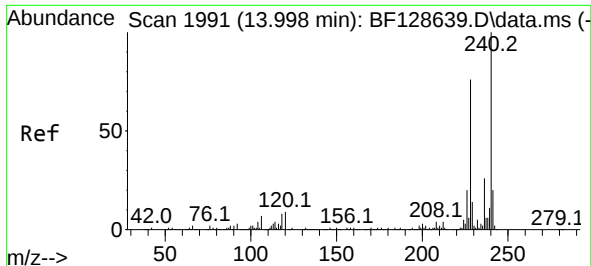
Ion Ratio Lower Upper

248 100

250 198.7 80.6 120.8#

141 559.9 58.9 88.3#

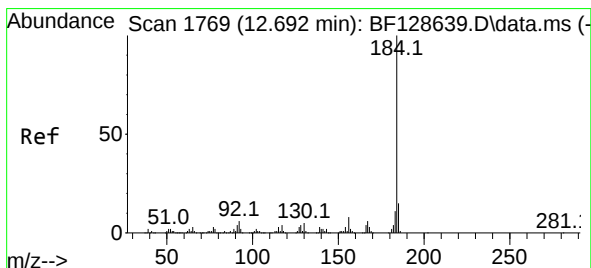
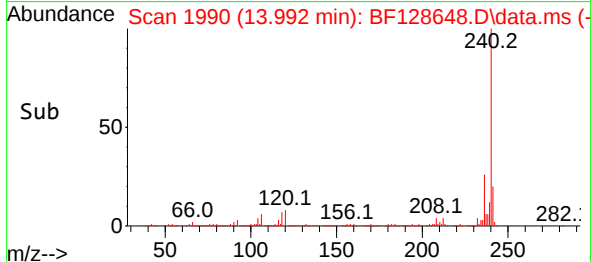
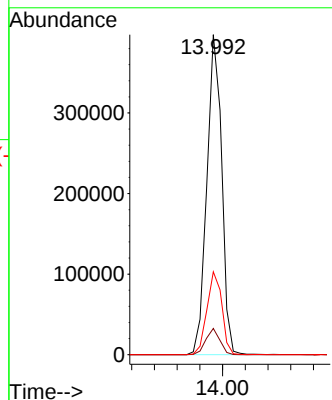
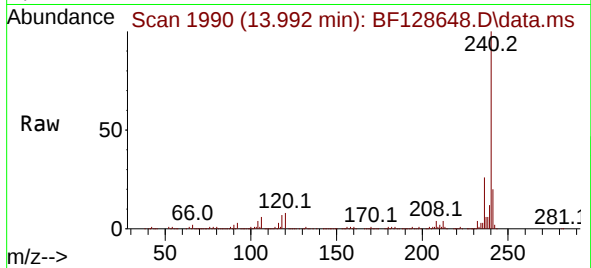




#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.992 min Scan# 1812
Delta R.T. -0.006 min
Lab File: BF128648.D
Acq: 02 Jun 2022 20:09

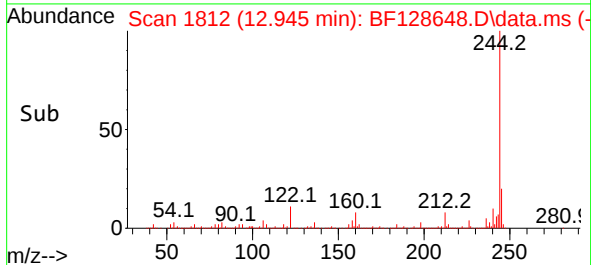
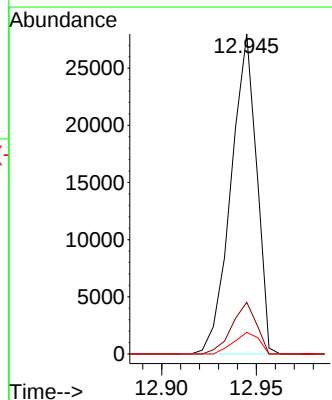
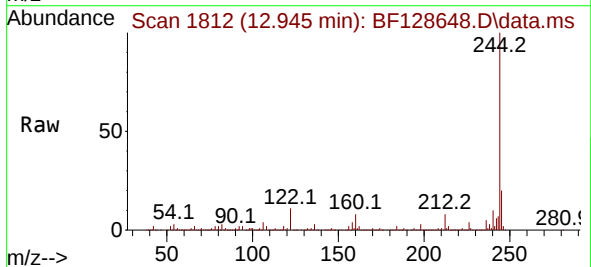
Instrument :
BNA_F
ClientSampleId :
WC-6

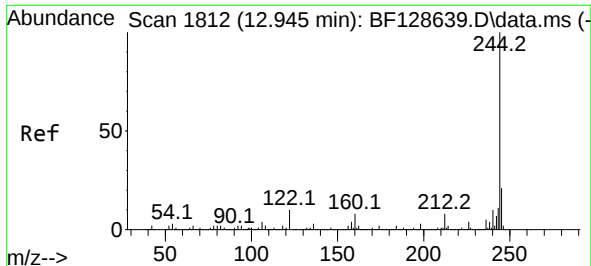
Tgt Ion:240 Resp: 359848
Ion Ratio Lower Upper
240 100
120 8.2 8.9 13.3#
236 25.9 20.8 31.2



#77
Benzidine
Concen: 3.662 ng
RT: 12.945 min Scan# 1812
Delta R.T. 0.253 min
Lab File: BF128648.D
Acq: 02 Jun 2022 20:09

Tgt Ion:184 Resp: 26272
Ion Ratio Lower Upper
184 100
185 16.1 11.9 17.9
183 6.7 9.3 13.9#

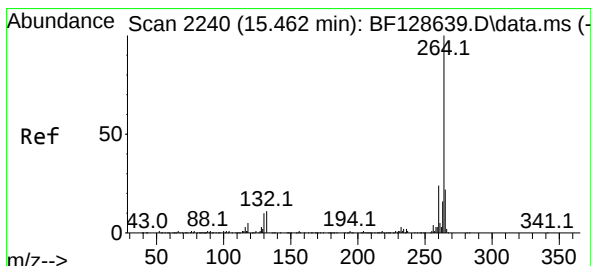
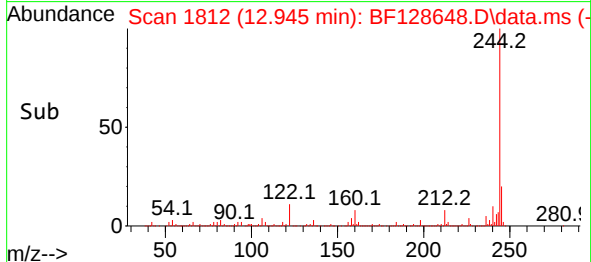
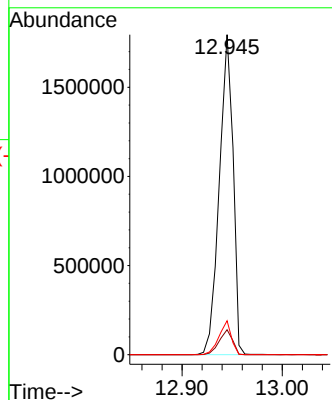
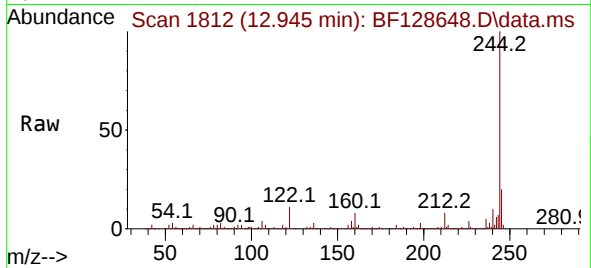




#79
 Terphenyl-d14
 Concen: 82.439 ng
 RT: 12.945 min Scan# 11
 Delta R.T. -0.000 min
 Lab File: BF128648.D
 Acq: 02 Jun 2022 20:09

Instrument :
 BNA_F
 ClientSampleId :
 WC-6

Tgt Ion:244 Resp: 1707241
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.1 9.1
 122 10.6 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.457 min Scan# 2239
 Delta R.T. -0.005 min
 Lab File: BF128648.D
 Acq: 02 Jun 2022 20:09

Tgt Ion:264 Resp: 247705
 Ion Ratio Lower Upper
 264 100
 260 24.0 18.4 27.6
 265 21.0 17.2 25.8

