

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
 Data File : BF128996.D
 Acq On : 24 Jun 2022 18:28
 Operator : CG\JU
 Sample : N3431-20
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-5

Quant Time: Jun 25 06:15:19 2022
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jun 24 00:50:48 2022
 Response via : Initial Calibration

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

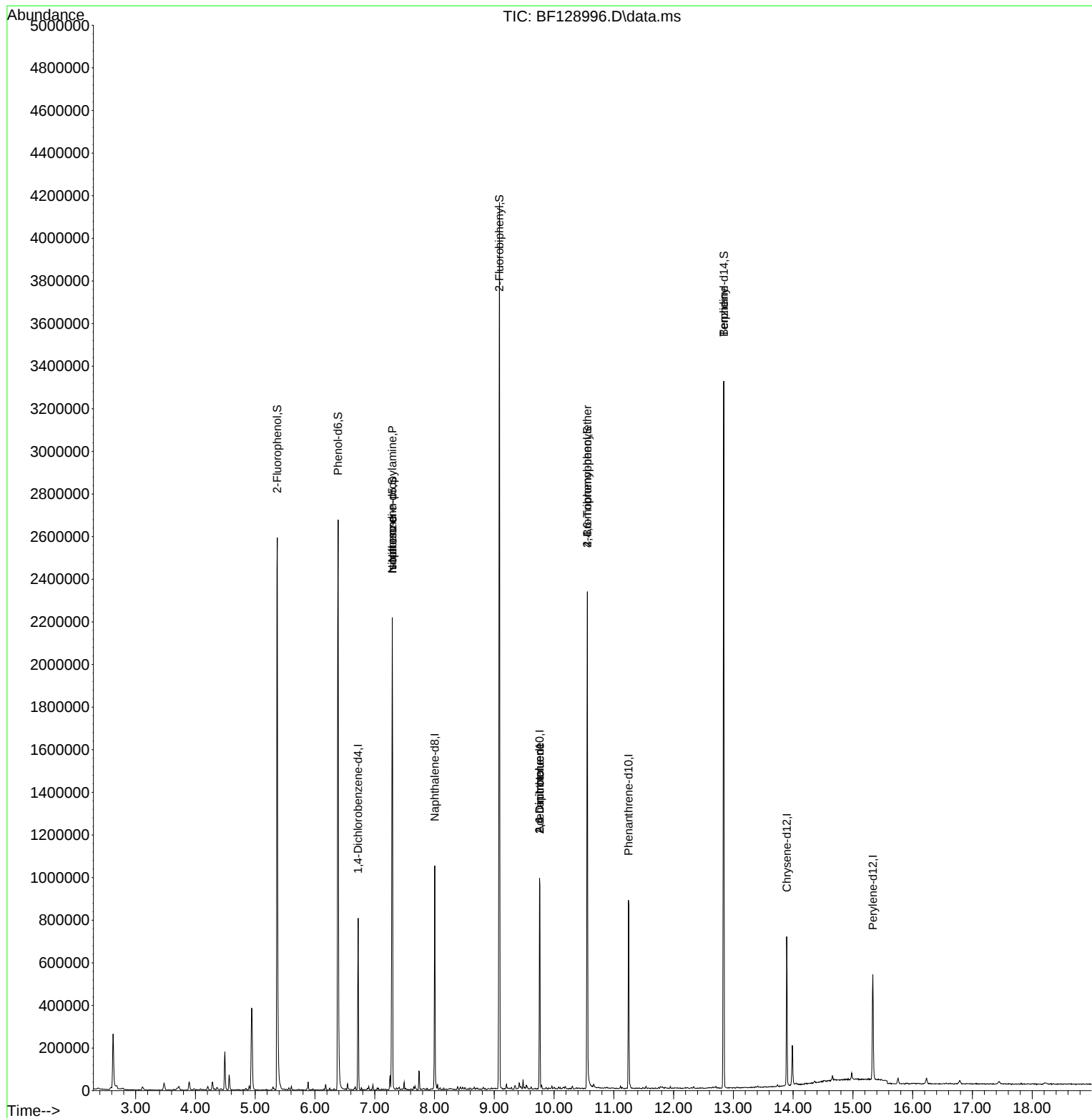
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.722	152	102748	20.000	ng	0.00
21) Naphthalene-d8	8.004	136	391023	20.000	ng	0.00
39) Acenaphthene-d10	9.757	164	207751	20.000	ng	-0.01
64) Phenanthrene-d10	11.245	188	335821	20.000	ng	0.00
76) Chrysene-d12	13.892	240	234551	20.000	ng	0.00
86) Perylene-d12	15.333	264	206865	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.369	112	709561	109.998	ng	0.01
7) Phenol-d6	6.387	99	824325	104.688	ng	0.00
23) Nitrobenzene-d5	7.293	82	707990	84.299	ng	-0.01
42) 2,4,6-Tribromophenol	10.557	330	269132	109.640	ng	0.00
45) 2-Fluorobiphenyl	9.087	172	1241928	83.739	ng	0.00
79) Terphenyl-d14	12.839	244	1119803	82.959	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propyla...	7.293	70	98254	20.069	ng	# 80
25) Isophorone	7.293	82	705009	55.271	ng	# 65
51) 2,6-Dinitrotoluene	9.757	165	27024	9.629	ng	# 26
57) 2,4-Dinitrotoluene	9.757	165	27024	7.215	ng	# 21
67) 4-Bromophenyl-phenylether	10.557	248	17742	4.737	ng	# 1
77) Benzidine	12.839	184	15570	3.330	ng	# 92

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

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF062422\
Data File : BF128996.D
Acq On : 24 Jun 2022 18:28
Operator : CG\JU
Sample : N3431-20
Misc :
ALS Vial : 18 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
WC-14B-2-5

Quant Time: Jun 25 06:15:19 2022
Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF060222.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Jun 24 00:50:48 2022
Response via : Initial Calibration

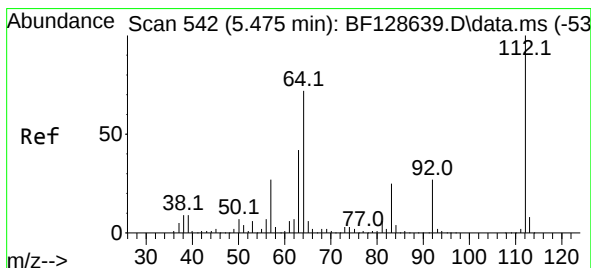
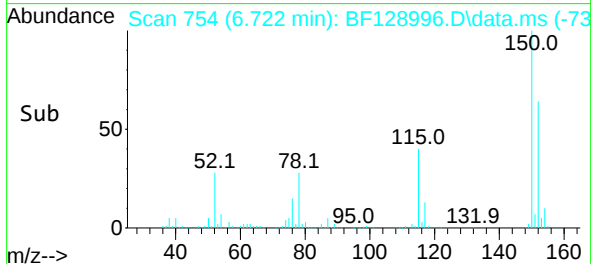
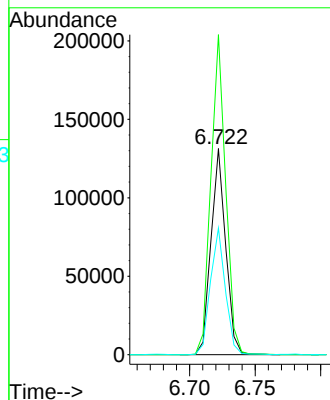
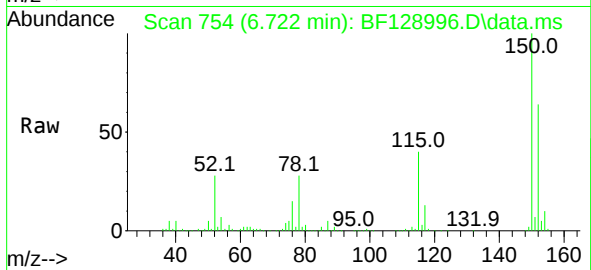




#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.722 min Scan# 71
Delta R.T. -0.006 min
Lab File: BF128996.D
Acq: 24 Jun 2022 18:28

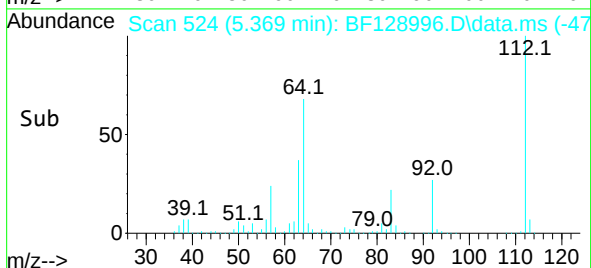
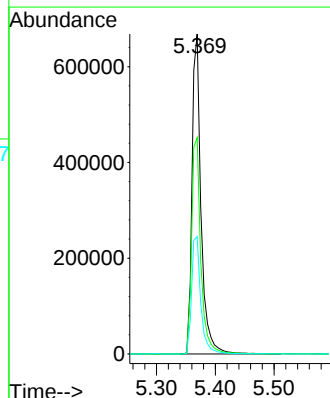
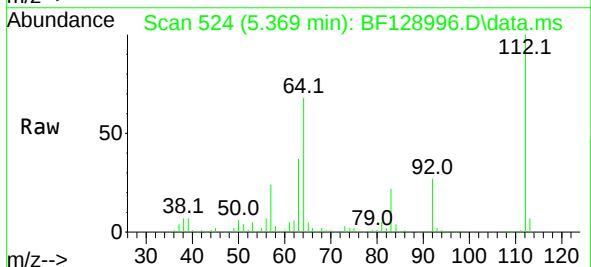
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-5

Tgt Ion:152 Resp: 102748
Ion Ratio Lower Upper
152 100
150 155.3 123.7 185.5
115 61.4 49.9 74.9



#5
2-Fluorophenol
Concen: 109.998 ng
RT: 5.369 min Scan# 524
Delta R.T. 0.012 min
Lab File: BF128996.D
Acq: 24 Jun 2022 18:28

Tgt Ion:112 Resp: 709561
Ion Ratio Lower Upper
112 100
64 67.6 53.3 79.9
63 36.6 28.0 42.0

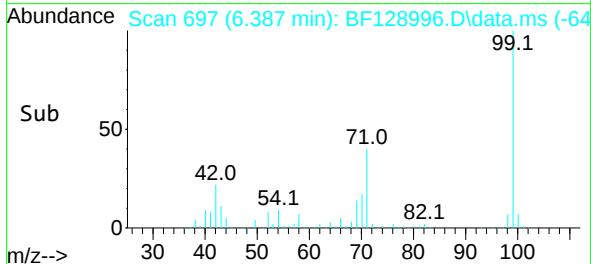
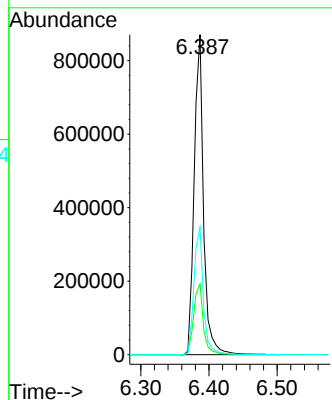
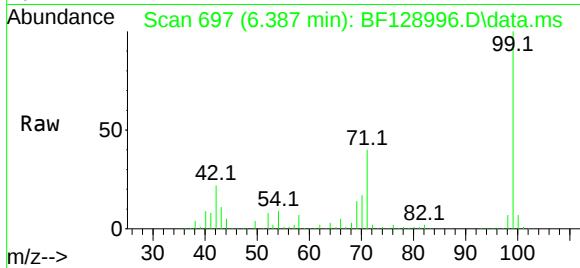




#7
Phenol-d6
Concen: 104.688 ng
RT: 6.387 min Scan# 64
Delta R.T. 0.000 min
Lab File: BF128996.D
Acq: 24 Jun 2022 18:28

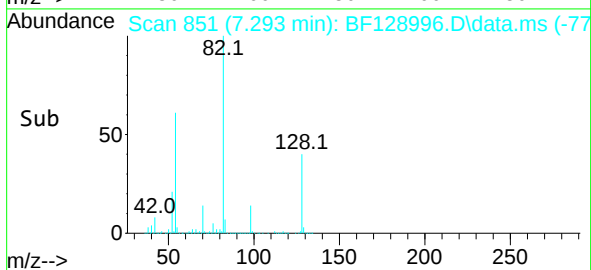
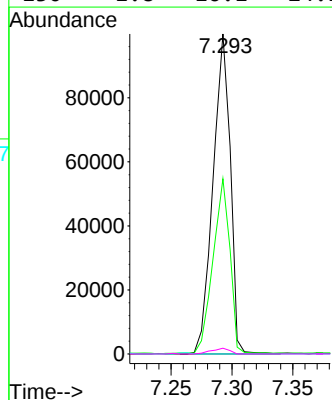
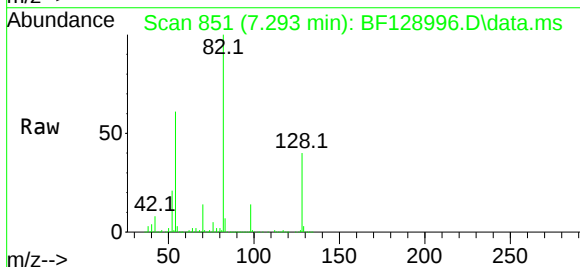
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-5

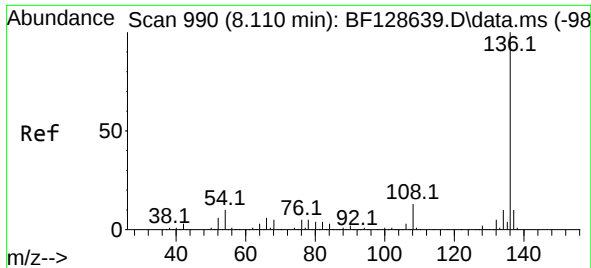
Tgt Ion: 99 Resp: 824325
Ion Ratio Lower Upper
99 100
42 22.1 17.3 25.9
71 39.8 28.9 43.3



#19
n-Nitroso-di-n-propylamine
Concen: 20.069 ng
RT: 7.293 min Scan# 851
Delta R.T. 0.141 min
Lab File: BF128996.D
Acq: 24 Jun 2022 18:28

Tgt Ion: 70 Resp: 98254
Ion Ratio Lower Upper
70 100
42 54.7 52.3 78.5
101 0.0 7.5 11.3#
130 1.8 16.1 24.1#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.004 min Scan# 91

Delta R.T. -0.006 min

Lab File: BF128996.D

Acq: 24 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-5

Tgt Ion:136 Resp: 391023

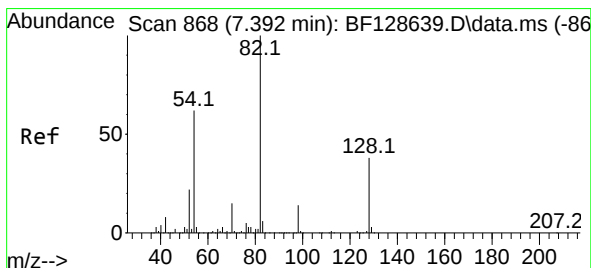
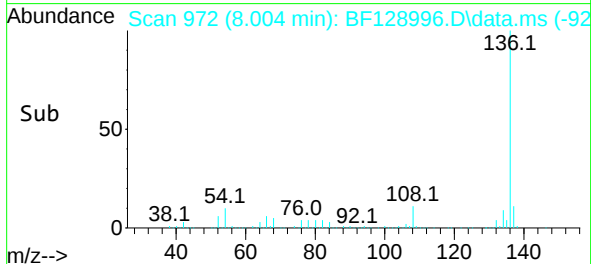
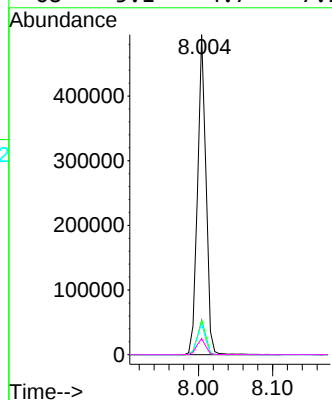
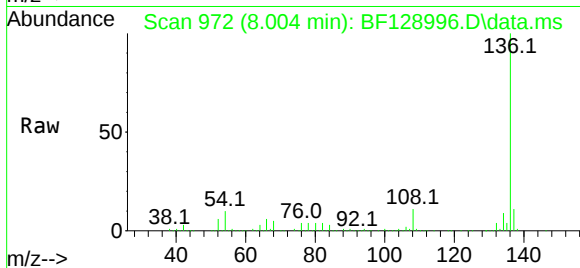
Ion Ratio Lower Upper

136 100

137 11.0 8.8 13.2

54 9.7 7.5 11.3

68 5.1 4.7 7.1



#23

Nitrobenzene-d5

Concen: 84.299 ng

RT: 7.293 min Scan# 851

Delta R.T. -0.012 min

Lab File: BF128996.D

Acq: 24 Jun 2022 18:28

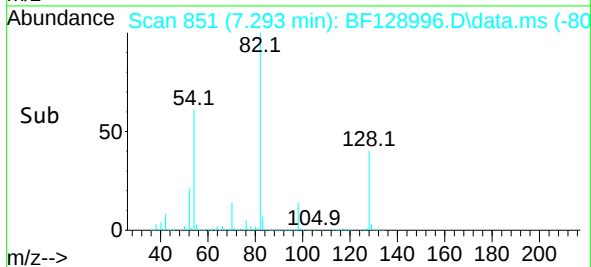
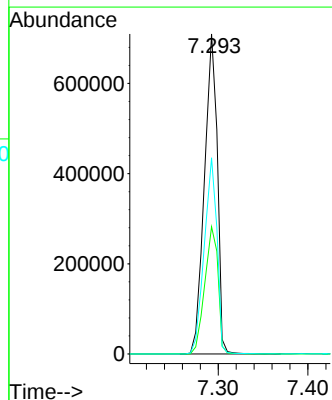
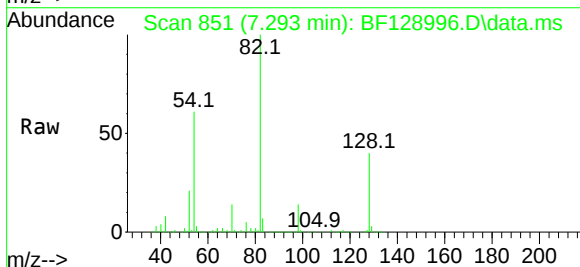
Tgt Ion: 82 Resp: 707990

Ion Ratio Lower Upper

82 100

128 39.8 34.0 51.0

54 61.3 46.9 70.3

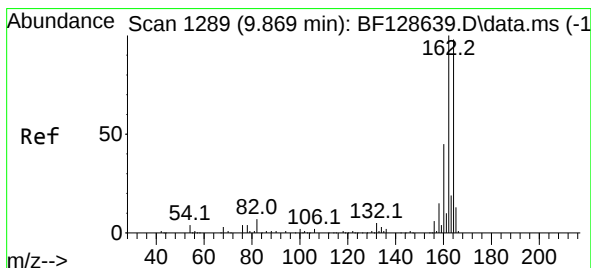
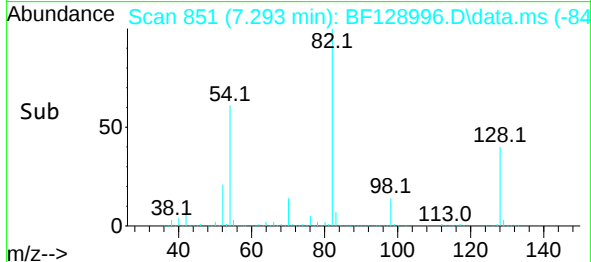
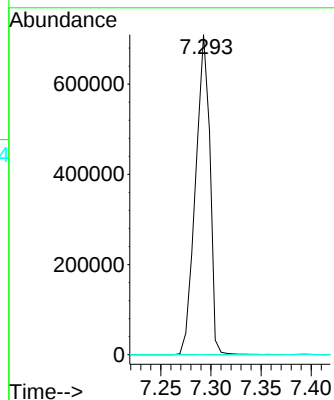
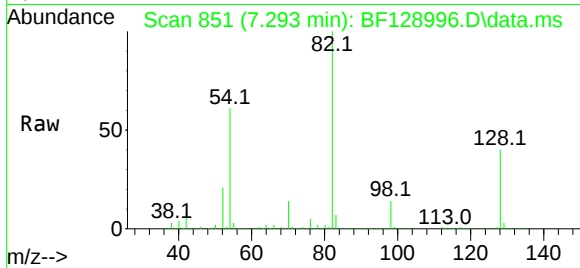




#25
Isophorone
Concen: 55.271 ng
RT: 7.293 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF128996.D
Acq: 24 Jun 2022 18:28

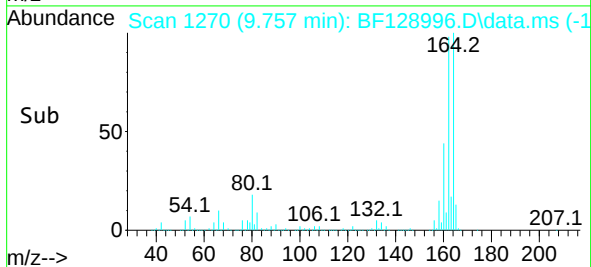
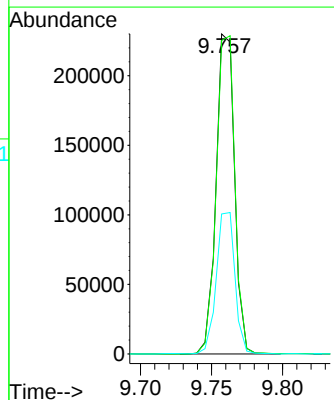
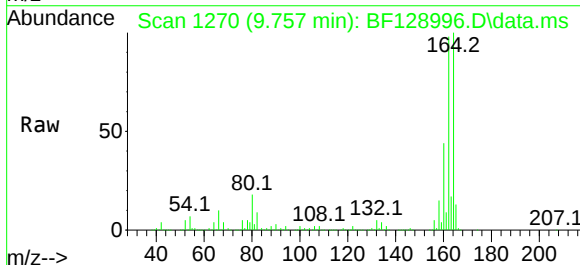
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-5

Tgt Ion: 82 Resp: 705009
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: 9.757 min Scan# 1270
Delta R.T. -0.012 min
Lab File: BF128996.D
Acq: 24 Jun 2022 18:28

Tgt Ion:164 Resp: 207751
Ion Ratio Lower Upper
164 100
162 97.9 79.5 119.3
160 43.8 34.2 51.4





#42

2,4,6-Tribromophenol

Concen: 109.640 ng

RT: 10.557 min Scan# 1424

Delta R.T. -0.006 min

Lab File: BF128996.D

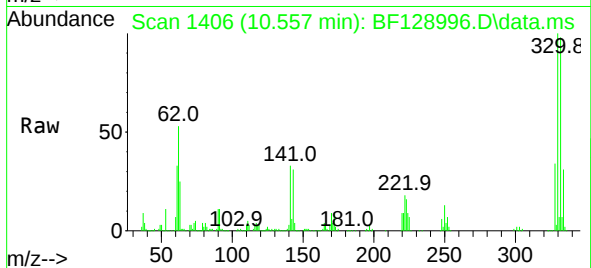
Acq: 24 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-5



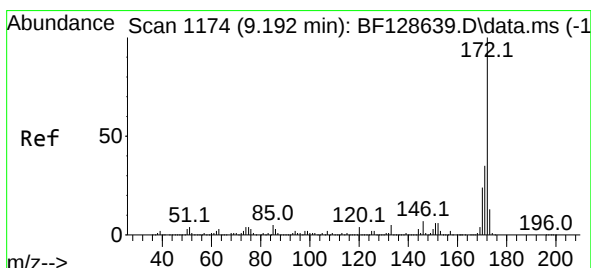
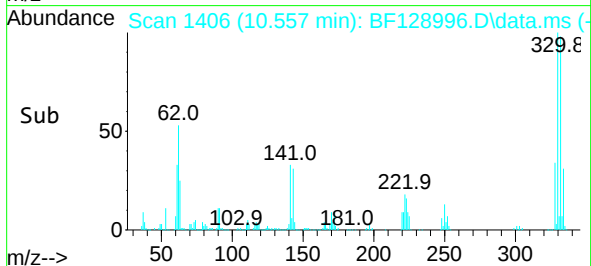
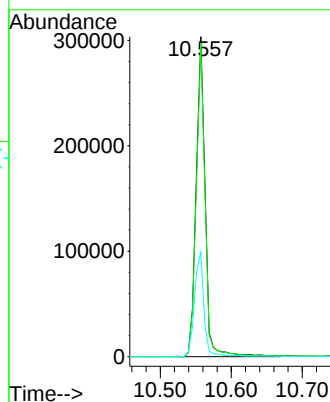
Tgt Ion:330 Resp: 269132

Ion Ratio Lower Upper

330 100

332 96.3 76.8 115.2

141 34.5 28.0 42.0



#45

2-Fluorobiphenyl

Concen: 83.739 ng

RT: 9.087 min Scan# 1156

Delta R.T. -0.006 min

Lab File: BF128996.D

Acq: 24 Jun 2022 18:28

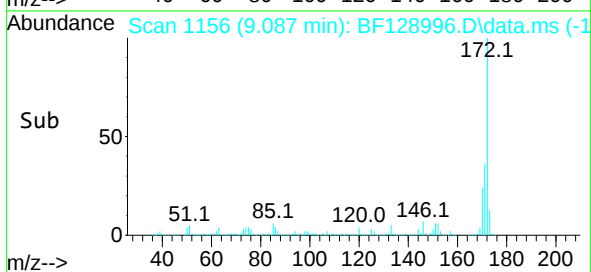
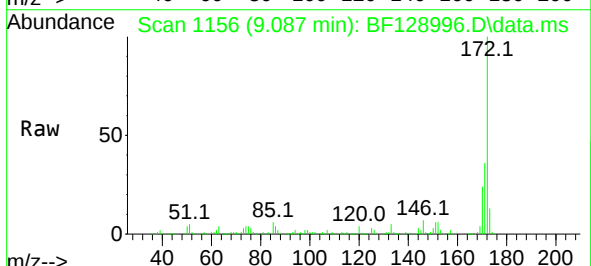
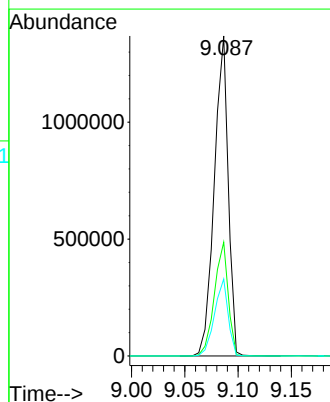
Tgt Ion:172 Resp: 1241928

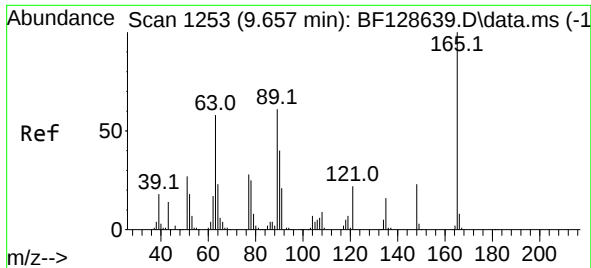
Ion Ratio Lower Upper

172 100

171 35.6 28.8 43.2

170 24.0 19.8 29.8

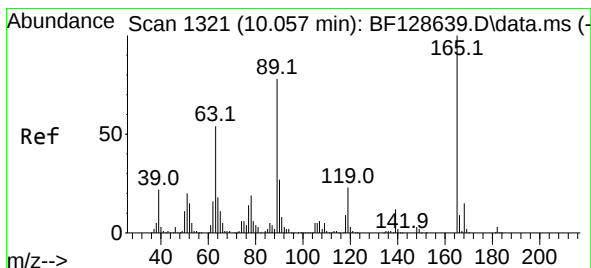
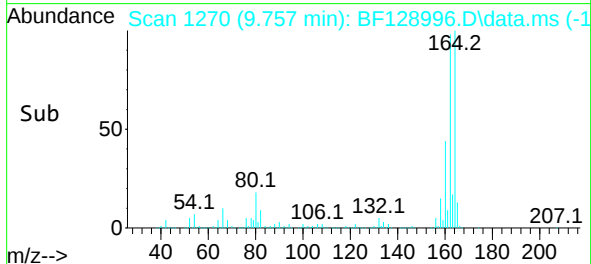
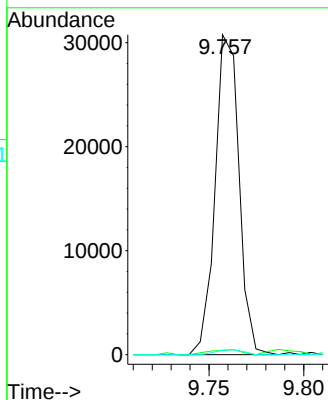
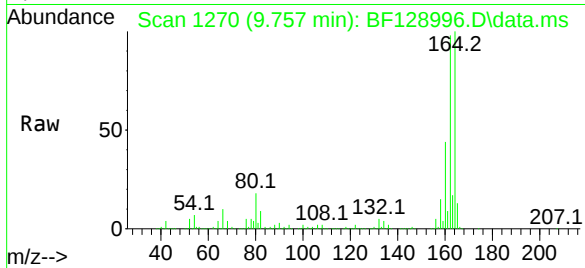




#51
2,6-Dinitrotoluene
Concen: 9.629 ng
RT: 9.757 min Scan# 11
Delta R.T. 0.194 min
Lab File: BF128996.D
Acq: 24 Jun 2022 18:28

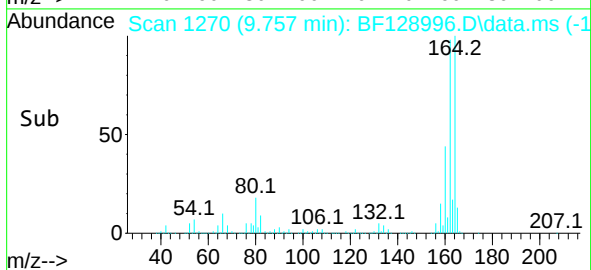
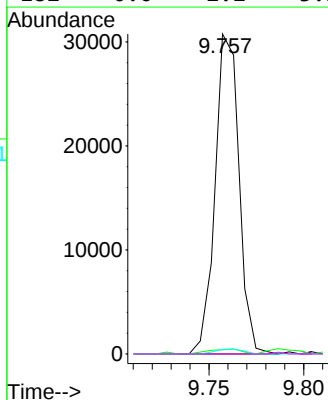
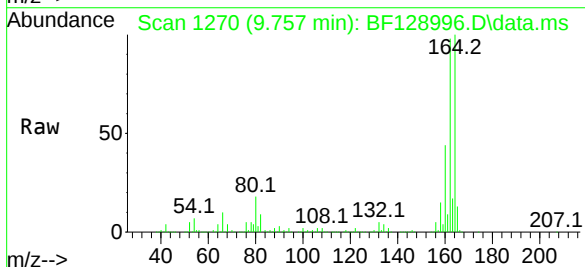
Instrument :
BNA_F
ClientSampleId :
WC-14B-2-5

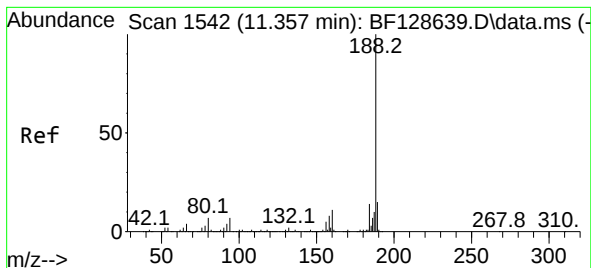
Tgt Ion:165 Resp: 27024
Ion Ratio Lower Upper
165 100
63 1.3 44.9 67.3#
89 1.4 43.6 65.4#



#57
2,4-Dinitrotoluene
Concen: 7.215 ng
RT: 9.757 min Scan# 1270
Delta R.T. -0.212 min
Lab File: BF128996.D
Acq: 24 Jun 2022 18:28

Tgt Ion:165 Resp: 27024
Ion Ratio Lower Upper
165 100
63 1.3 39.8 59.6#
89 1.4 60.2 90.2#
182 0.0 2.2 3.2#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.245 min Scan# 1

Delta R.T. -0.006 min

Lab File: BF128996.D

Acq: 24 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-5

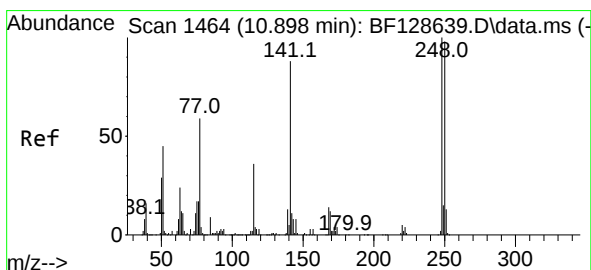
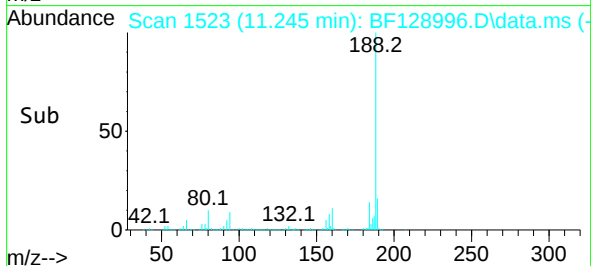
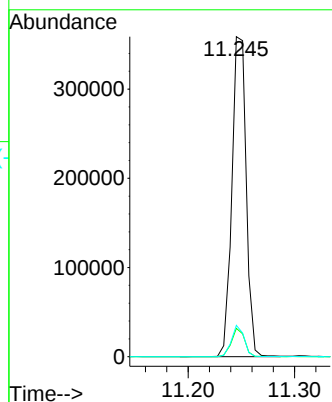
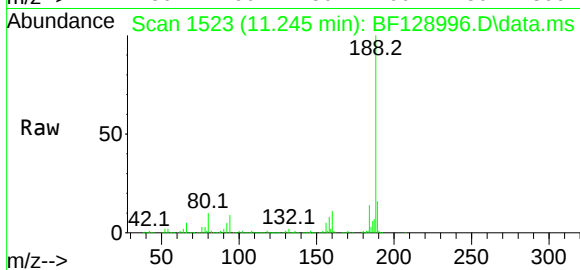
Tgt Ion:188 Resp: 335821

Ion Ratio Lower Upper

188 100

94 8.8 7.0 10.6

80 9.8 7.6 11.4



#67

4-Bromophenyl-phenylether

Concen: 4.737 ng

RT: 10.557 min Scan# 1406

Delta R.T. -0.241 min

Lab File: BF128996.D

Acq: 24 Jun 2022 18:28

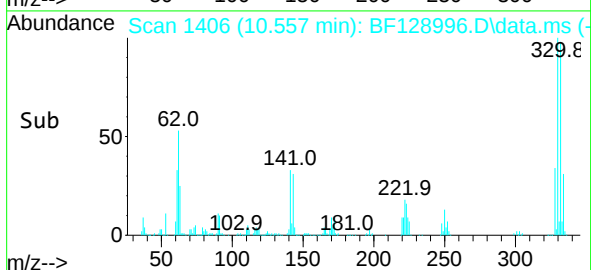
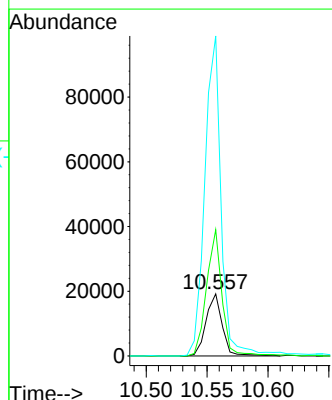
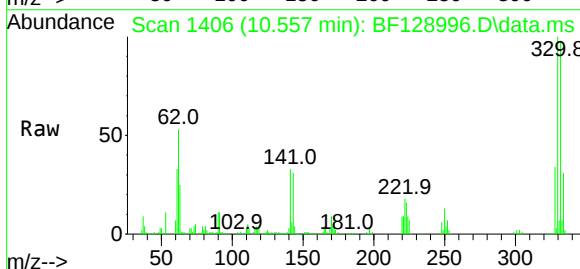
Tgt Ion:248 Resp: 17742

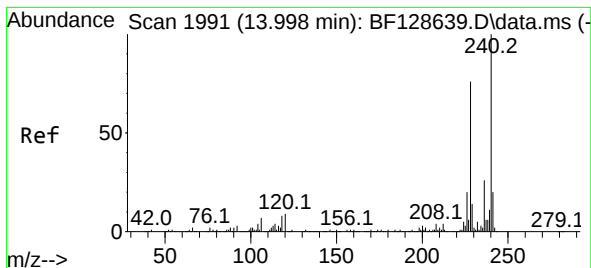
Ion Ratio Lower Upper

248 100

250 203.1 80.6 120.8#

141 514.8 58.9 88.3#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.892 min Scan# 1991

Delta R.T. -0.006 min

Lab File: BF128996.D

Acq: 24 Jun 2022 18:28

Instrument :

BNA_F

ClientSampleId :

WC-14B-2-5

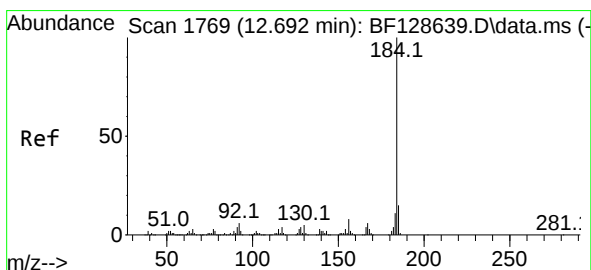
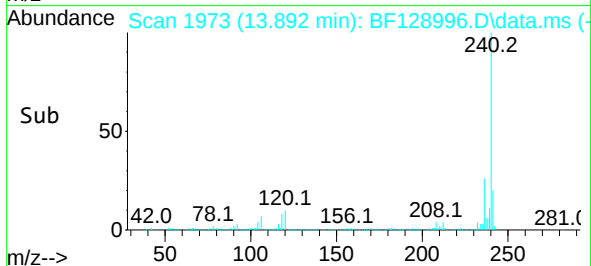
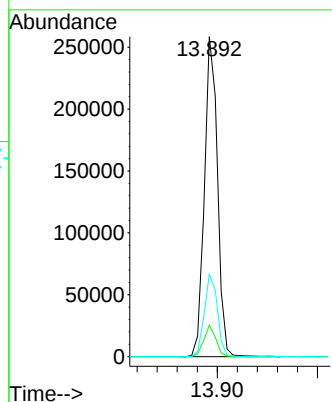
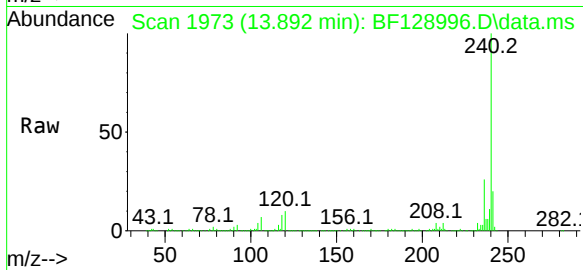
Tgt Ion:240 Resp: 234551

Ion Ratio Lower Upper

240 100

120 9.9 8.9 13.3

236 25.7 20.8 31.2



#77

Benzdine

Concen: 3.330 ng

RT: 12.839 min Scan# 1794

Delta R.T. 0.247 min

Lab File: BF128996.D

Acq: 24 Jun 2022 18:28

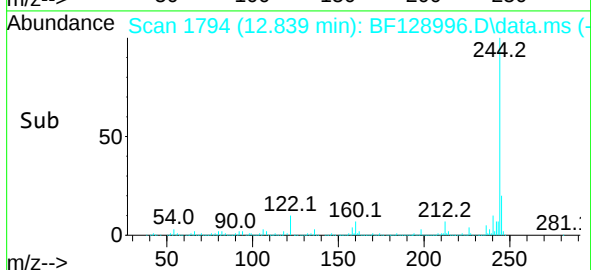
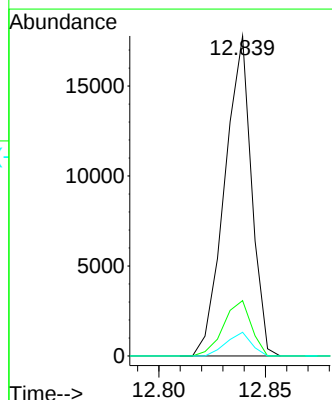
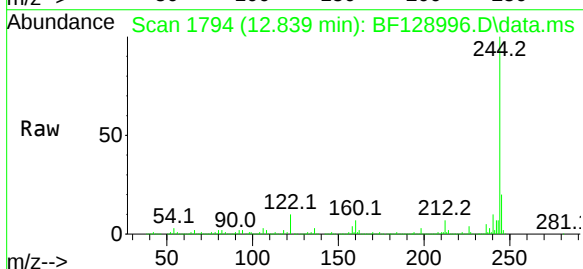
Tgt Ion:184 Resp: 15570

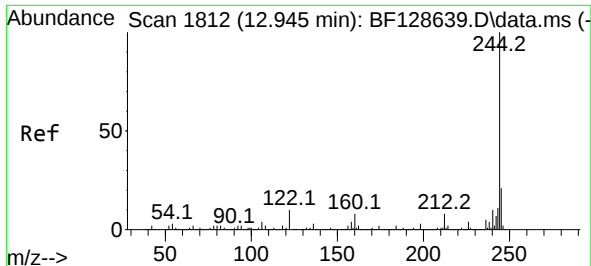
Ion Ratio Lower Upper

184 100

185 17.3 11.9 17.9

183 7.4 9.3 13.9#

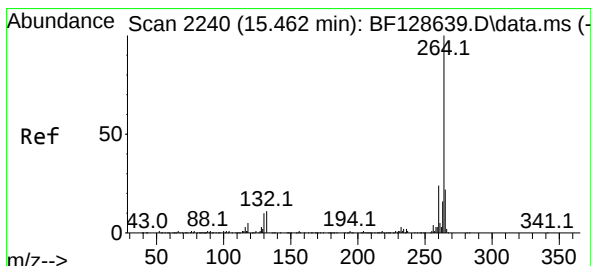
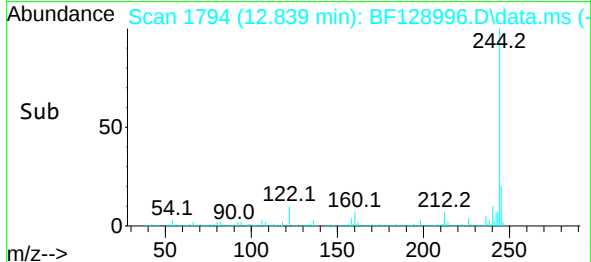
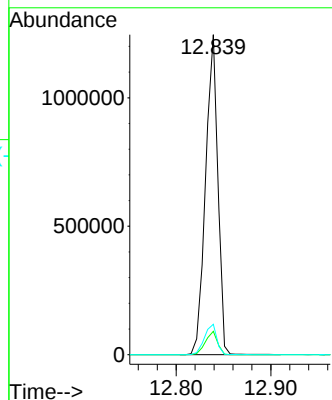
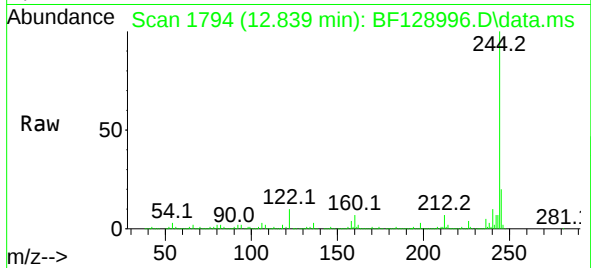




#79
 Terphenyl-d14
 Concen: 82.959 ng
 RT: 12.839 min Scan# 11
 Delta R.T. 0.000 min
 Lab File: BF128996.D
 Acq: 24 Jun 2022 18:28

Instrument :
 BNA_F
 ClientSampleId :
 WC-14B-2-5

Tgt Ion:244 Resp: 1119803
 Ion Ratio Lower Upper
 244 100
 212 7.3 6.1 9.1
 122 9.5 8.8 13.2



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.333 min Scan# 2218
 Delta R.T. 0.006 min
 Lab File: BF128996.D
 Acq: 24 Jun 2022 18:28

Tgt Ion:264 Resp: 206865
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.4 27.6
 265 20.8 17.2 25.8

