

Data Path : Z:\svoasrv\HPCHEM1\BNA_F\Data\BF042423\
 Data File : BF132997.D
 Acq On : 24 Apr 2023 16:09
 Operator : CG\JU
 Sample : 02469-02
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TWP-15

Quant Time: Apr 24 16:56:26 2023
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Apr 22 03:30:56 2023
 Response via : Initial Calibration

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

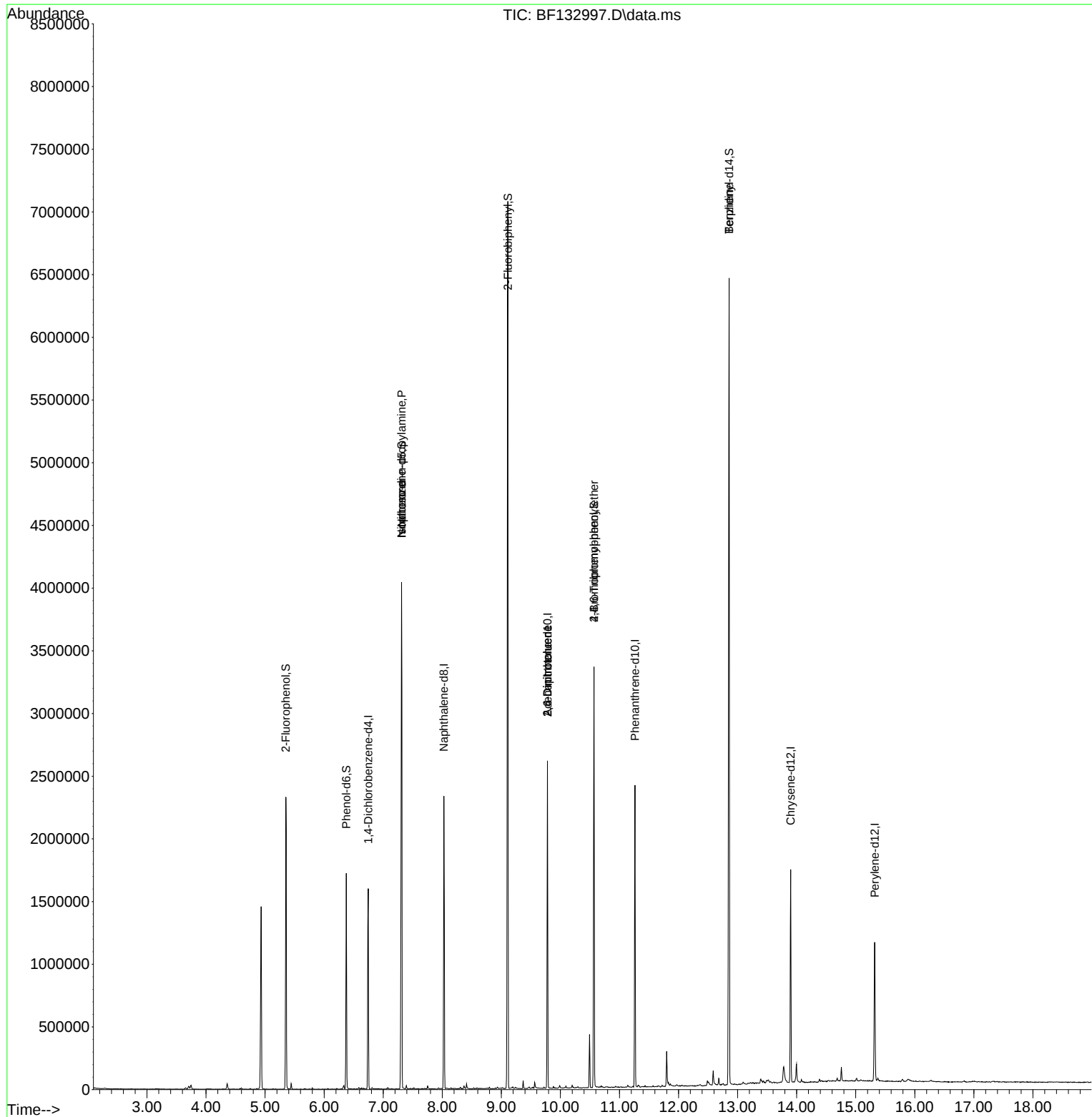
Internal Standards						
1) 1,4-Dichlorobenzene-d4	6.745	152	216402	20.000	ng	0.00
21) Naphthalene-d8	8.028	136	884412	20.000	ng	-0.01
39) Acenaphthene-d10	9.781	164	453168	20.000	ng	-0.01
64) Phenanthrene-d10	11.263	188	791226	20.000	ng	0.00
76) Chrysene-d12	13.898	240	515496	20.000	ng	-0.01
86) Perylene-d12	15.321	264	448659	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.351	112	625593	43.670	ng	0.00
7) Phenol-d6	6.375	99	482310	27.125	ng	-0.01
23) Nitrobenzene-d5	7.310	82	1417239	86.496	ng	-0.01
42) 2,4,6-Tribromophenol	10.569	330	382875	84.010	ng	-0.01
45) 2-Fluorobiphenyl	9.110	172	2228431	82.269	ng	0.00
79) Terphenyl-d14	12.857	244	2442328	81.712	ng	0.00
Target Compounds						Qvalue
9) Benzaldehyde	6.287	77	753	Below Cal	#	77
19) n-Nitroso-di-n-propyla...	7.310	70	188302	17.011	ng	# 78
25) Isophorone	7.310	82	1415616	45.504	ng	# 63
51) 2,6-Dinitrotoluene	9.781	165	59736	8.399	ng	# 25
57) 2,4-Dinitrotoluene	9.781	165	59736	6.586	ng	# 23
67) 4-Bromophenyl-phenylether	10.569	248	24293	2.831	ng	# 1
77) Benizidine	12.857	184	28520	3.272	ng	# 94

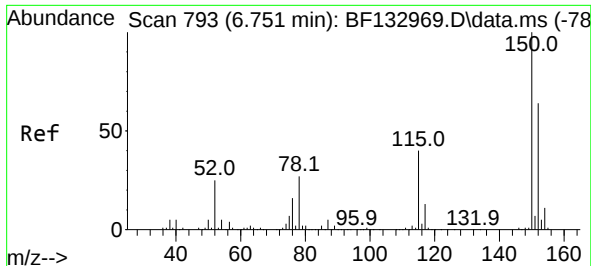
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Method : Z:\svoasrv\HPCHEM1\BNA_F\Methods\8270-BF042123.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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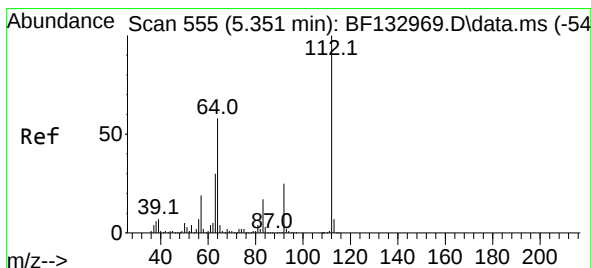
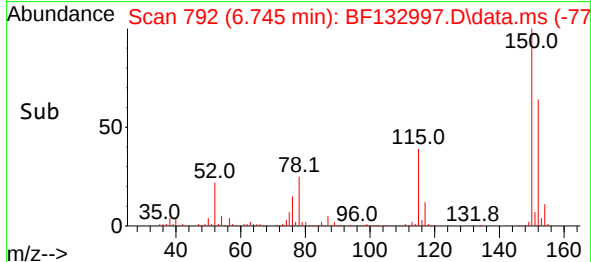
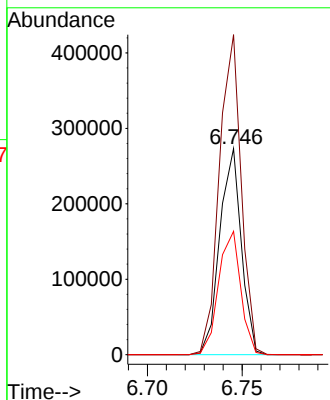
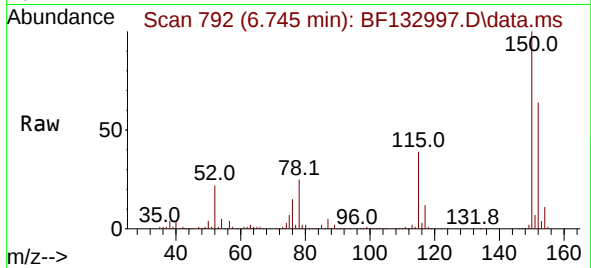




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.745 min Scan# 793
 Delta R.T. -0.006 min
 Lab File: BF132997.D
 Acq: 24 Apr 2023 16:09

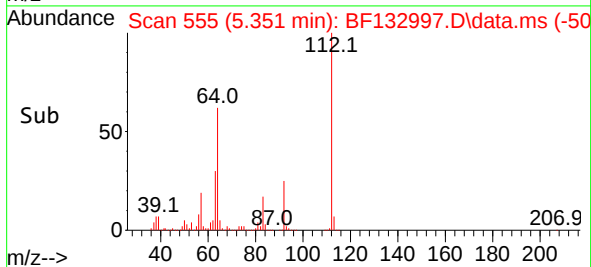
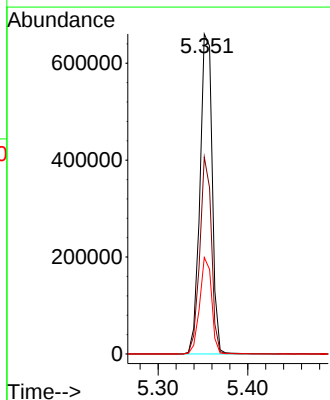
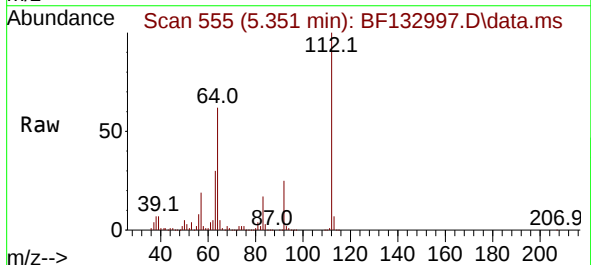
Instrument :
 BNA_F
 ClientSampleId :
 TWP-15

Tgt Ion:152 Resp: 216402
 Ion Ratio Lower Upper
 152 100
 150 155.3 124.8 187.2
 115 59.9 49.9 74.9



#5
 2-Fluorophenol
 Concen: 43.670 ng
 RT: 5.351 min Scan# 555
 Delta R.T. 0.000 min
 Lab File: BF132997.D
 Acq: 24 Apr 2023 16:09

Tgt Ion:112 Resp: 625593
 Ion Ratio Lower Upper
 112 100
 64 61.6 46.8 70.2
 63 30.2 23.8 35.8

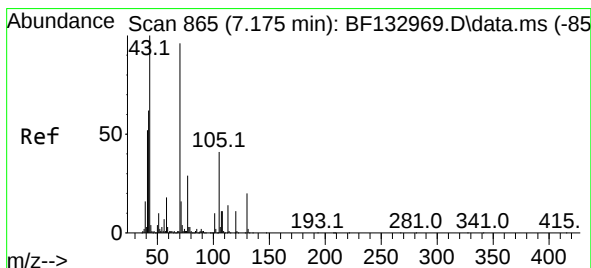
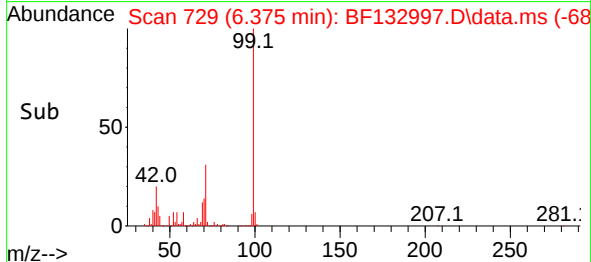
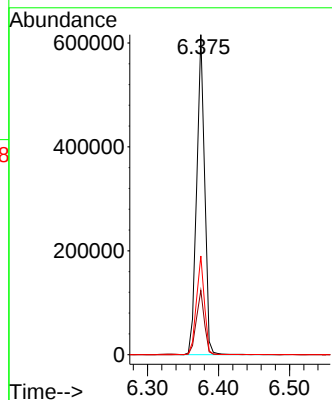
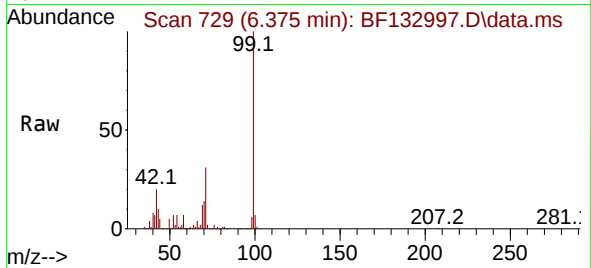




#7
Phenol-d6
Concen: 27.125 ng
RT: 6.375 min Scan# 71
Delta R.T. -0.012 min
Lab File: BF132997.D
Acq: 24 Apr 2023 16:09

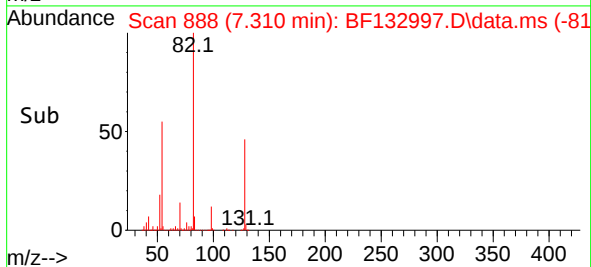
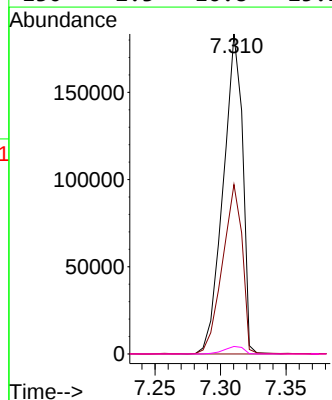
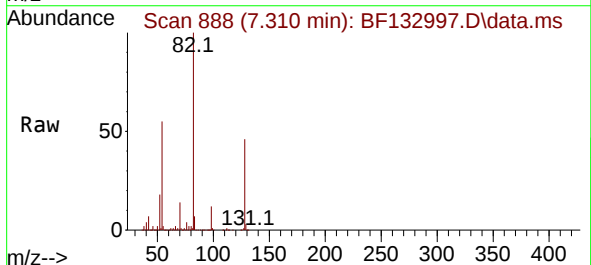
Instrument :
BNA_F
ClientSampleId :
TWP-15

Tgt Ion: 99 Resp: 482310
Ion Ratio Lower Upper
99 100
42 20.1 16.3 24.5
71 30.9 25.6 38.4



#19
n-Nitroso-di-n-propylamine
Concen: 17.011 ng
RT: 7.310 min Scan# 888
Delta R.T. 0.135 min
Lab File: BF132997.D
Acq: 24 Apr 2023 16:09

Tgt Ion: 70 Resp: 188302
Ion Ratio Lower Upper
70 100
42 53.0 51.8 77.6
101 0.0 8.0 12.0#
130 2.3 16.8 25.2#



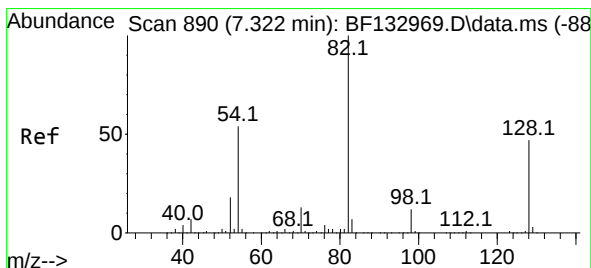
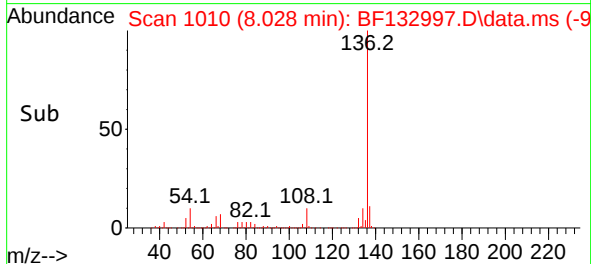
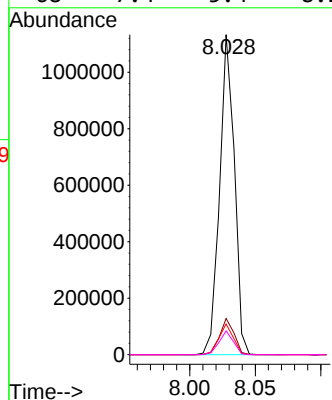
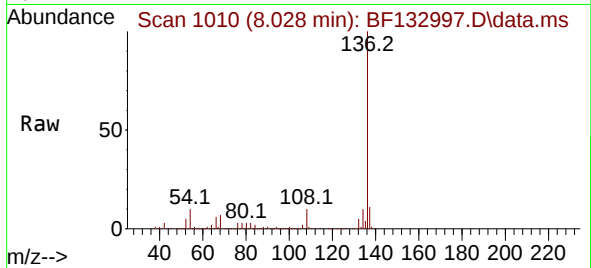


#21
Naphthalene-d8
Concen: 20.000 ng
RT: 8.028 min Scan# 1012
Delta R.T. -0.012 min
Lab File: BF132997.D
Acq: 24 Apr 2023 16:09

Instrument :
BNA_F
ClientSampleId :
TWP-15

Tgt Ion:136 Resp: 884412

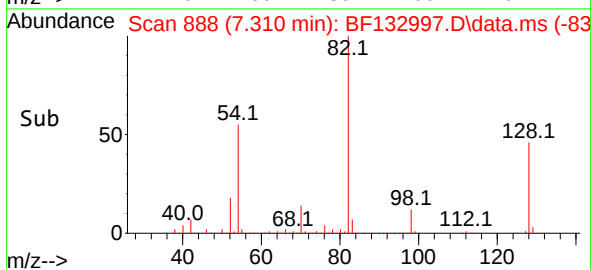
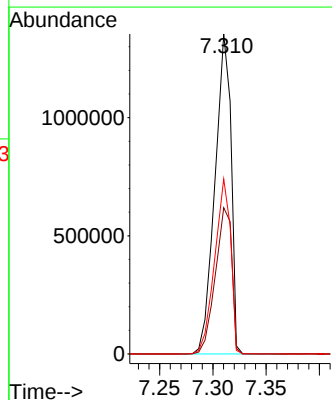
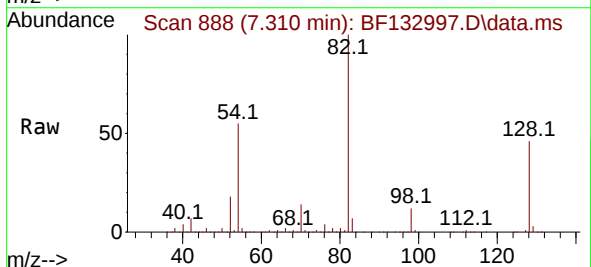
Ion	Ratio	Lower	Upper
136	100		
137	11.3	8.6	13.0
54	9.6	7.0	10.4
68	7.4	5.4	8.2



#23
Nitrobenzene-d5
Concen: 86.496 ng
RT: 7.310 min Scan# 888
Delta R.T. -0.012 min
Lab File: BF132997.D
Acq: 24 Apr 2023 16:09

Tgt Ion: 82 Resp: 1417239

Ion	Ratio	Lower	Upper
82	100		
128	45.7	37.7	56.5
54	54.7	43.0	64.4

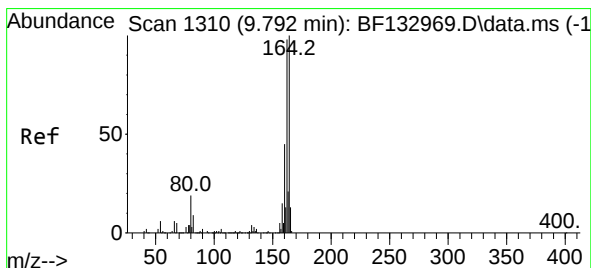
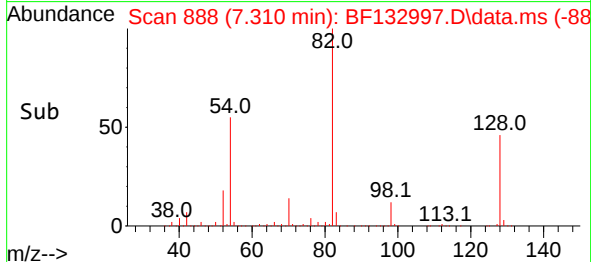
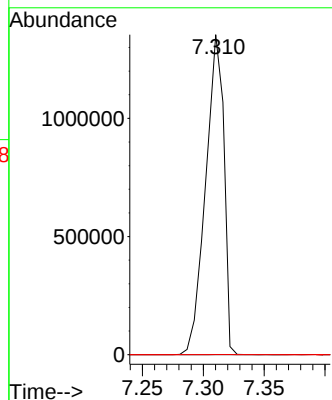
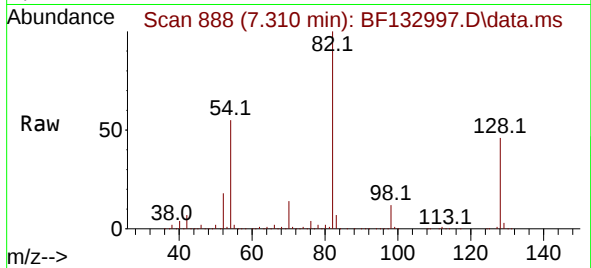




#25
Isophorone
Concen: 45.504 ng
RT: 7.310 min Scan# 81
Delta R.T. -0.270 min
Lab File: BF132997.D
Acq: 24 Apr 2023 16:09

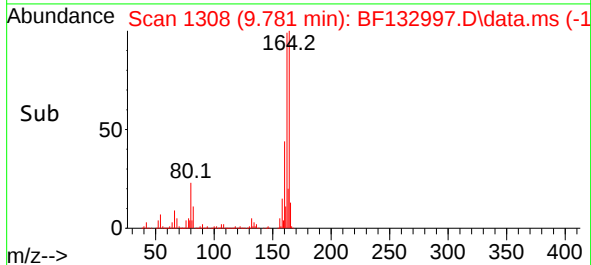
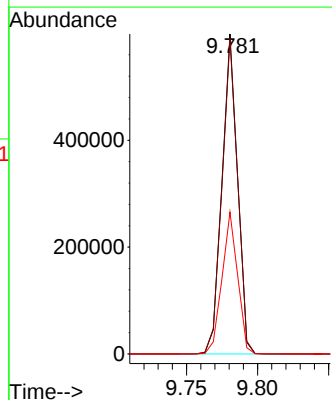
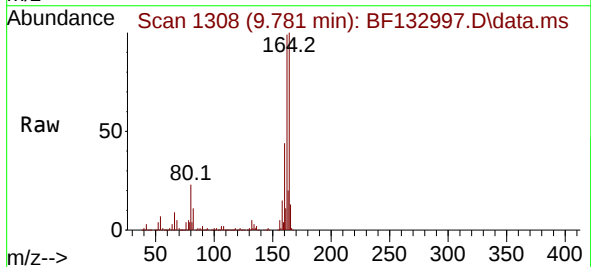
Instrument :
BNA_F
ClientSampleId :
TWP-15

Tgt Ion: 82 Resp: 1415616
Ion Ratio Lower Upper
82 100
95 0.1 5.4 8.0#
138 0.0 16.0 24.0#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.781 min Scan# 1308
Delta R.T. -0.012 min
Lab File: BF132997.D
Acq: 24 Apr 2023 16:09

Tgt Ion:164 Resp: 453168
Ion Ratio Lower Upper
164 100
162 98.6 78.7 118.1
160 44.4 35.8 53.6





#42

2,4,6-Tribromophenol

Concen: 84.010 ng

RT: 10.569 min Scan# 1444

Delta R.T. -0.012 min

Lab File: BF132997.D

Acq: 24 Apr 2023 16:09

Instrument :

BNA_F

ClientSampleId :

TWP-15

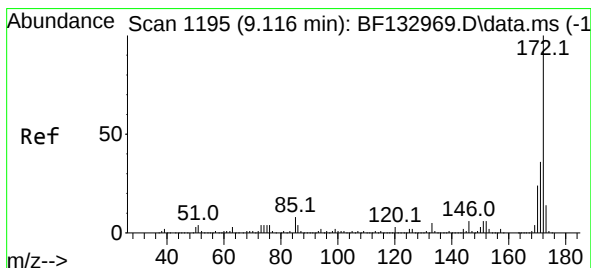
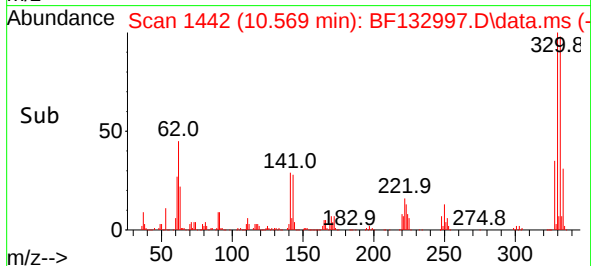
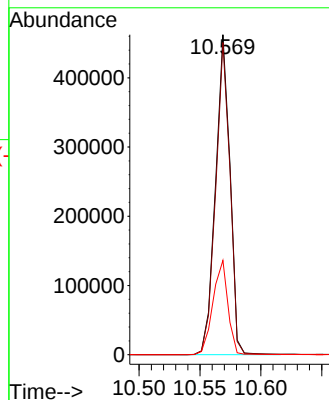
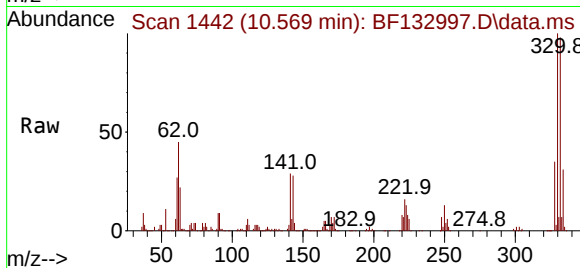
Tgt Ion:330 Resp: 382875

Ion Ratio Lower Upper

330 100

332 96.9 77.1 115.7

141 30.5 25.8 38.8



#45

2-Fluorobiphenyl

Concen: 82.269 ng

RT: 9.110 min Scan# 1194

Delta R.T. -0.006 min

Lab File: BF132997.D

Acq: 24 Apr 2023 16:09

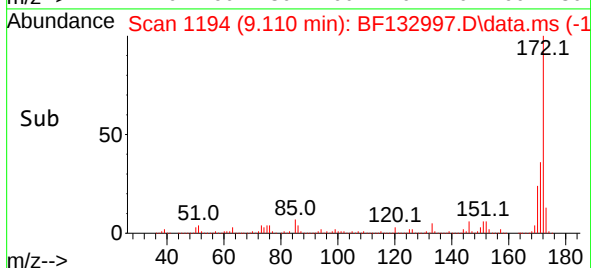
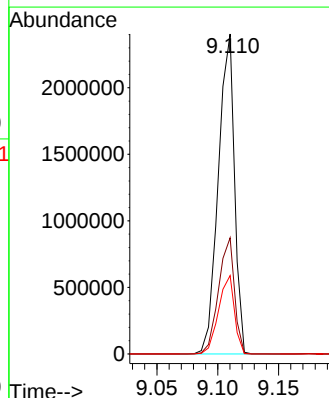
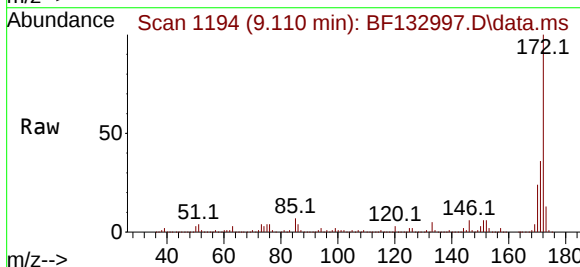
Tgt Ion:172 Resp: 2228431

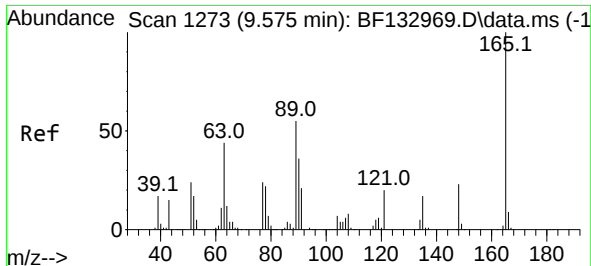
Ion Ratio Lower Upper

172 100

171 36.3 28.8 43.2

170 24.5 19.4 29.2





#51

2,6-Dinitrotoluene

Concen: 8.399 ng

RT: 9.781 min Scan# 11

Delta R.T. 0.206 min

Lab File: BF132997.D

Acq: 24 Apr 2023 16:09

Instrument :

BNA_F

ClientSampleId :

TWP-15

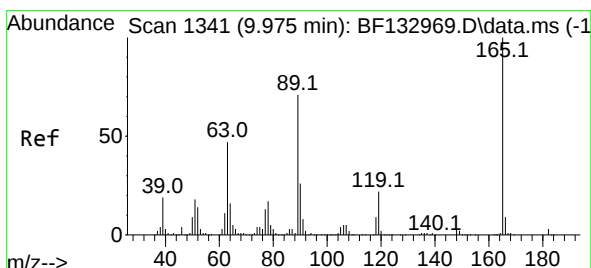
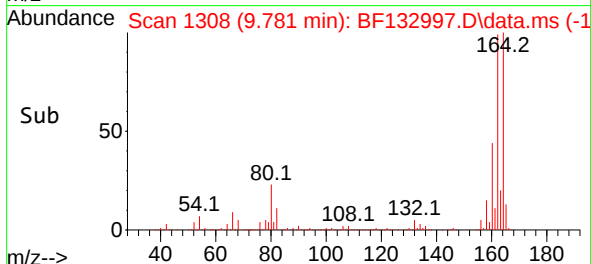
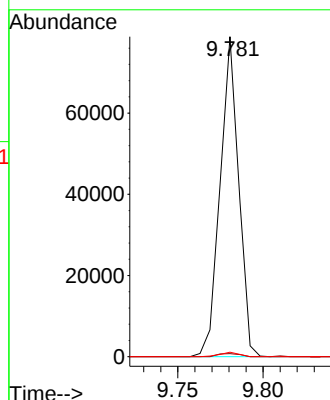
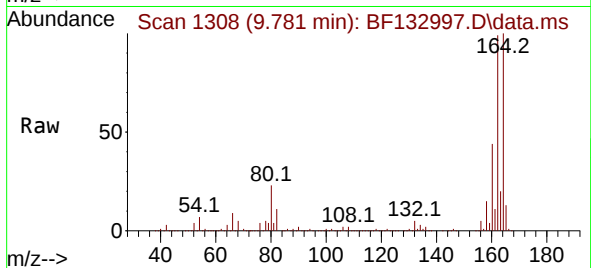
Tgt Ion:165 Resp: 59736

Ion Ratio Lower Upper

165 100

63 1.0 45.9 68.9#

89 1.4 44.0 66.0#



#57

2,4-Dinitrotoluene

Concen: 6.586 ng

RT: 9.781 min Scan# 1308

Delta R.T. -0.194 min

Lab File: BF132997.D

Acq: 24 Apr 2023 16:09

Tgt Ion:165 Resp: 59736

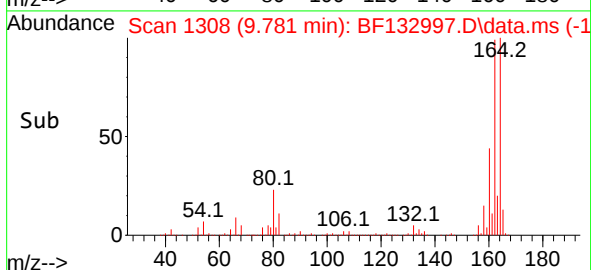
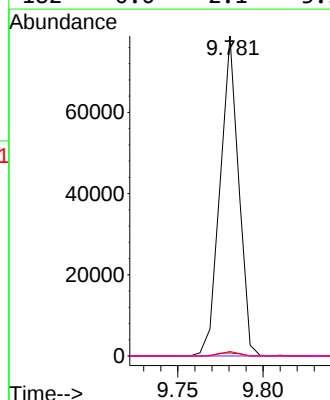
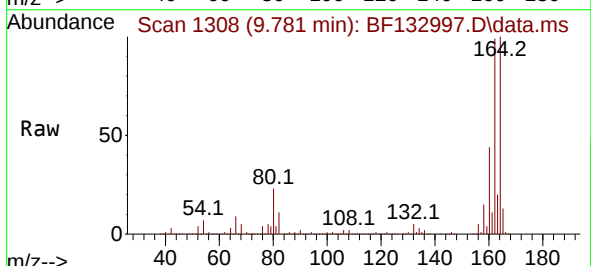
Ion Ratio Lower Upper

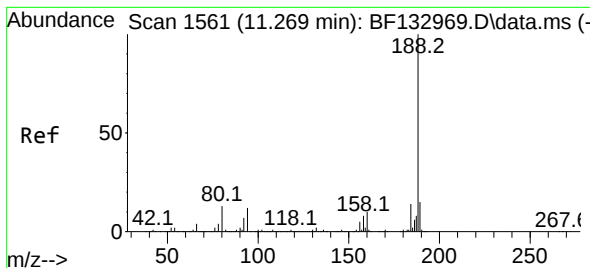
165 100

63 1.0 37.7 56.5#

89 1.4 57.0 85.4#

182 0.0 2.1 3.1#





#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.263 min Scan# 11

Delta R.T. -0.006 min

Lab File: BF132997.D

Acq: 24 Apr 2023 16:09

Instrument :

BNA_F

ClientSampleId :

TWP-15

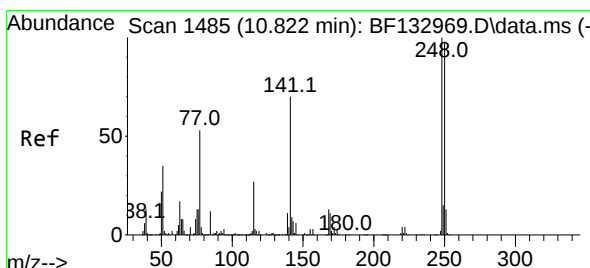
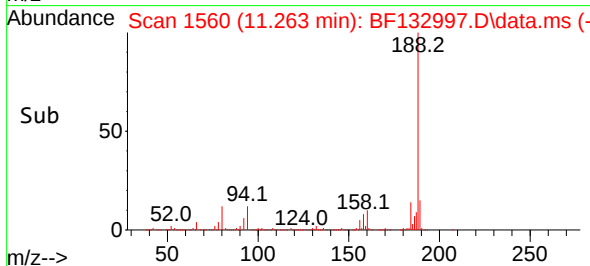
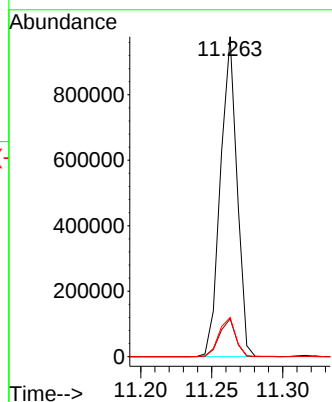
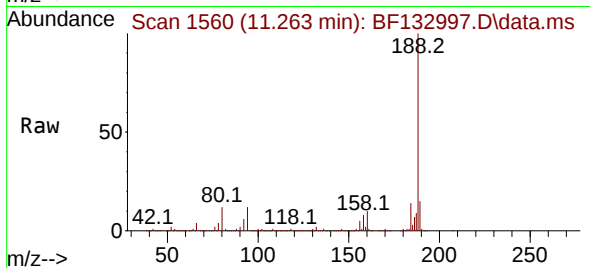
Tgt Ion:188 Resp: 791226

Ion Ratio Lower Upper

188 100

94 11.8 9.7 14.5

80 12.3 10.4 15.6



#67

4-Bromophenyl-phenylether

Concen: 2.831 ng

RT: 10.569 min Scan# 1442

Delta R.T. -0.253 min

Lab File: BF132997.D

Acq: 24 Apr 2023 16:09

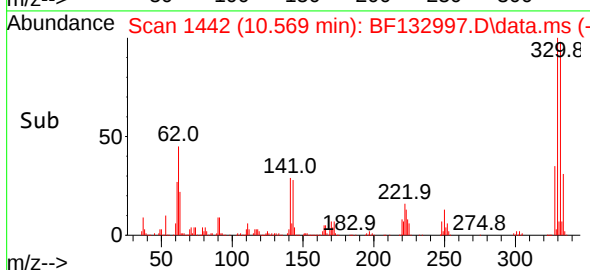
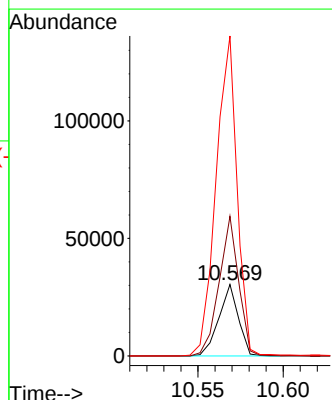
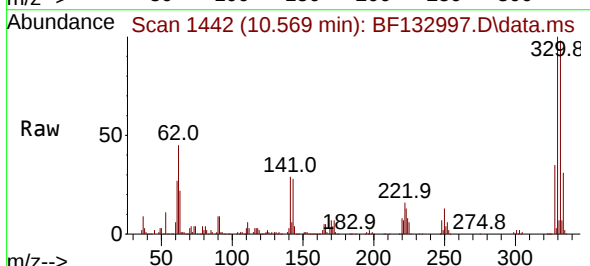
Tgt Ion:248 Resp: 24293

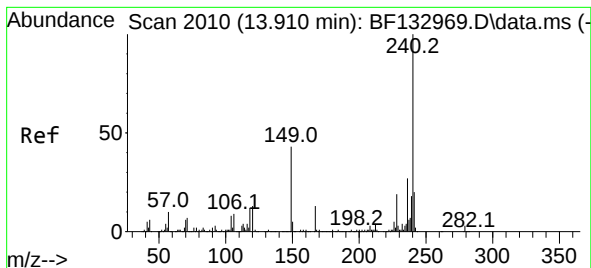
Ion Ratio Lower Upper

248 100

250 195.5 78.7 118.1#

141 447.8 56.3 84.5#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.898 min Scan# 20

Delta R.T. -0.012 min

Lab File: BF132997.D

Acq: 24 Apr 2023 16:09

Instrument :

BNA_F

ClientSampleId :

TWP-15

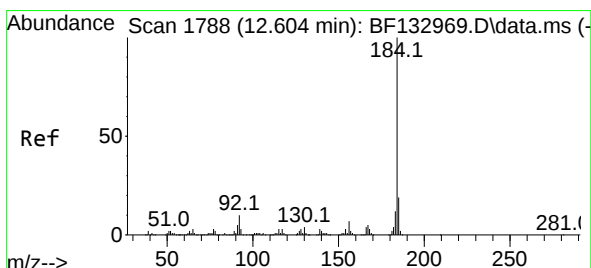
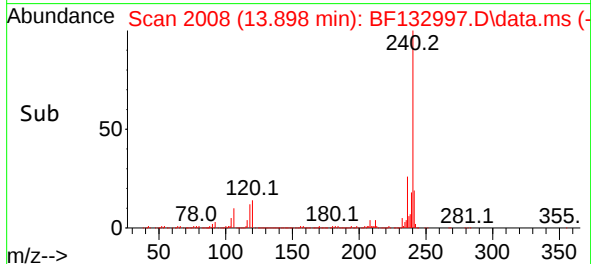
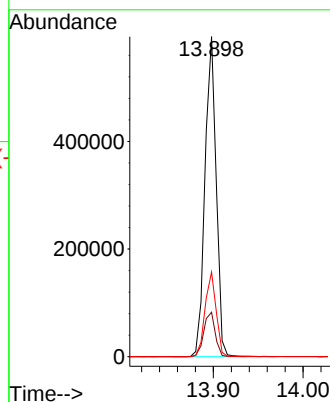
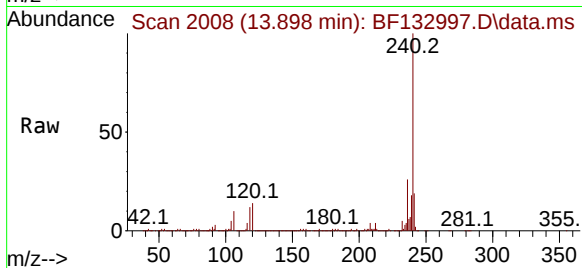
Tgt Ion:240 Resp: 515496

Ion Ratio Lower Upper

240 100

120 13.9 10.5 15.7

236 26.4 21.5 32.3



#77

Benzidine

Concen: 3.272 ng

RT: 12.857 min Scan# 1831

Delta R.T. 0.253 min

Lab File: BF132997.D

Acq: 24 Apr 2023 16:09

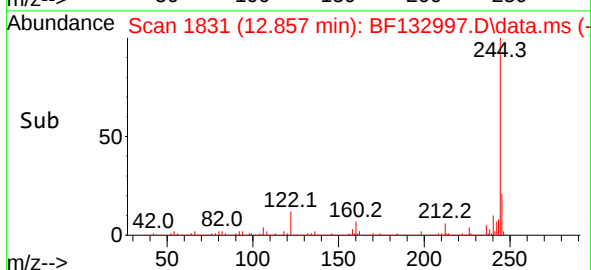
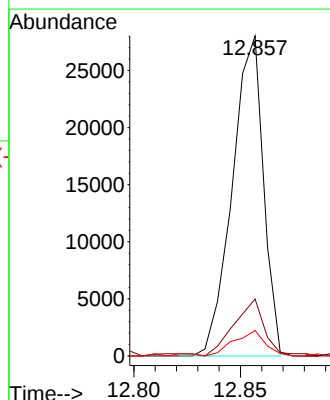
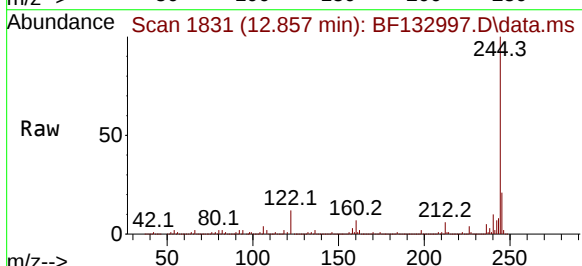
Tgt Ion:184 Resp: 28520

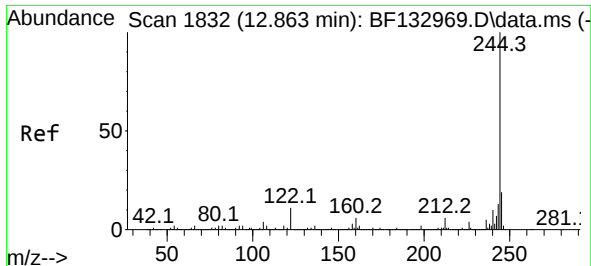
Ion Ratio Lower Upper

184 100

185 17.8 15.4 23.2

183 8.0 9.4 14.0#

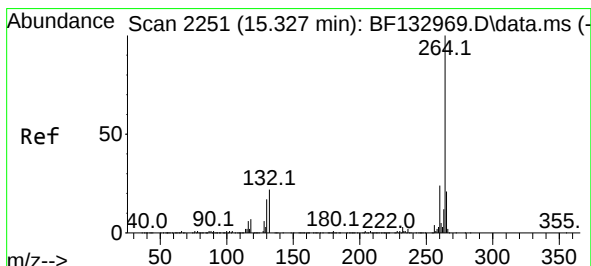
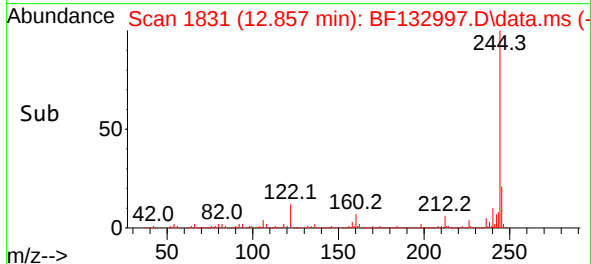
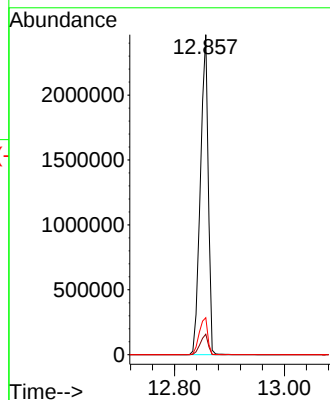
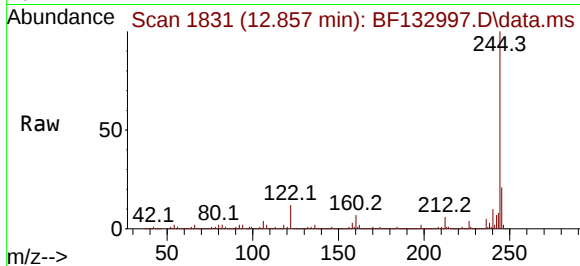




#79
 Terphenyl-d14
 Concen: 81.712 ng
 RT: 12.857 min Scan# 1831
 Delta R.T. -0.006 min
 Lab File: BF132997.D
 Acq: 24 Apr 2023 16:09

Instrument :
 BNA_F
 ClientSampleId :
 TWP-15

Tgt Ion:244 Resp: 2442328
 Ion Ratio Lower Upper
 244 100
 212 6.4 5.1 7.7
 122 11.5 8.6 13.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 15.321 min Scan# 2250
 Delta R.T. -0.006 min
 Lab File: BF132997.D
 Acq: 24 Apr 2023 16:09

Tgt Ion:264 Resp: 448659
 Ion Ratio Lower Upper
 264 100
 260 23.9 18.8 28.2
 265 21.1 17.0 25.4

