

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF011119\
 Data File : BF112025.D
 Acq On : 11 Jan 2019 19:44
 Operator : JU/SJ
 Sample : K1071-07 2X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 11 21:24:50 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF010719.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 07 14:33:51 2019
 Response via : Initial Calibration

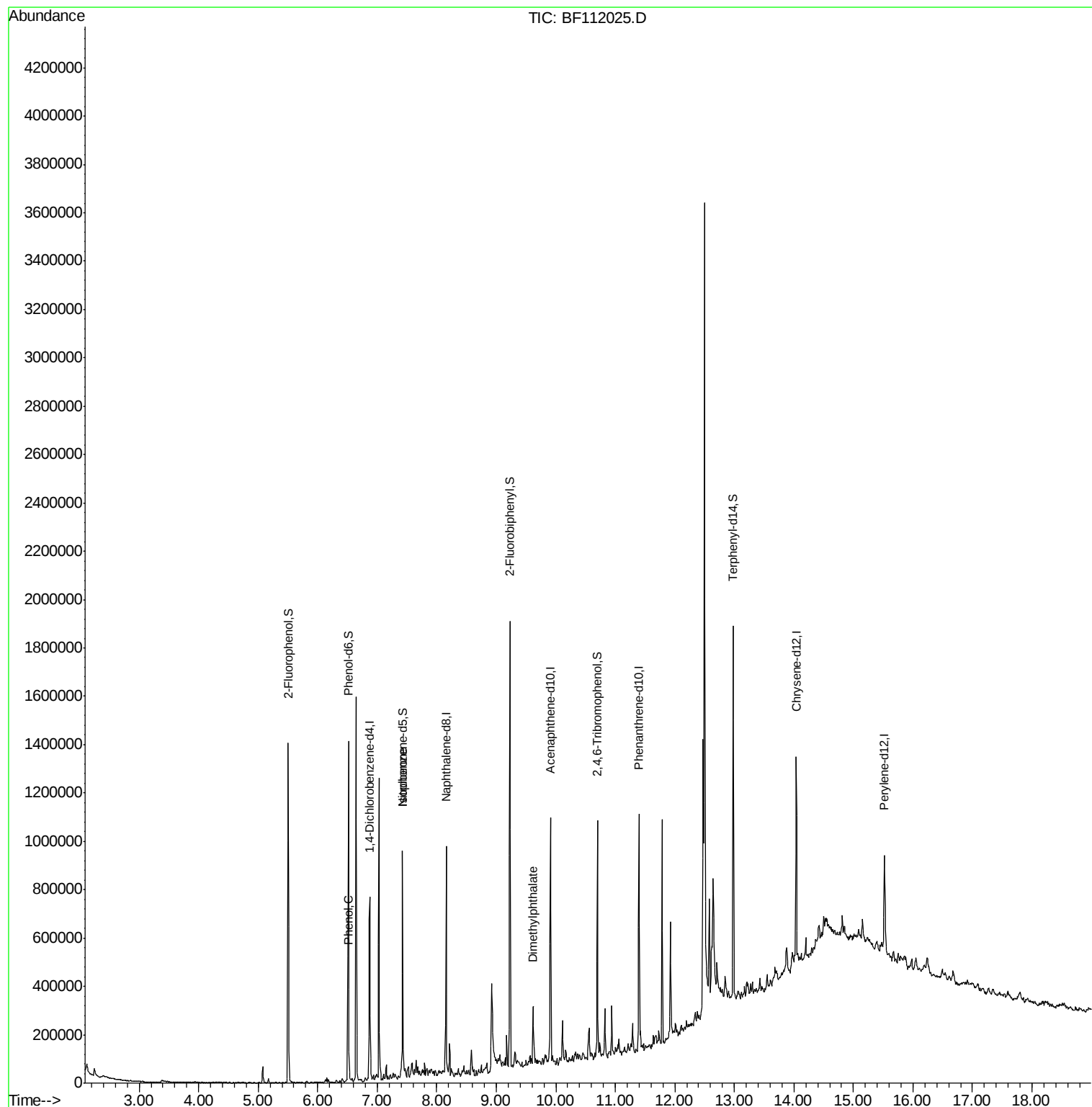
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	110445	20.00	ng	-0.02
21) Naphthalene-d8	8.16	136	390227	20.00	ng	-0.02
39) Acenaphthene-d10	9.91	164	179690	20.00	ng	-0.02
64) Phenanthrene-d10	11.40	188	317451	20.00	ng	-0.02
76) Chrysene-d12	14.04	240	274454	20.00	ng	-0.02
87) Perylene-d12	15.52	264	188884	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	355267	55.03	ng	-0.02
7) Phenol-d6	6.52	99	446097	53.61	ng	-0.02
23) Nitrobenzene-d5	7.43	82	272498	37.32	ng	-0.03
42) 2,4,6-Tribromophenol	10.70	330	115133	49.26	ng	-0.02
45) 2-Fluorobiphenyl	9.23	172	494658	40.14	ng	-0.02
79) Terphenyl-d14	12.98	244	504420	34.89	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.42	77	323	Below Cal		Qvalue # 47
10) Phenol	6.53	94	22643	2.504	ng	# 72
25) Isophorone	7.43	82	269968	22.834	ng	# 65
50) Dimethylphthalate	9.62	163	72290	5.355	ng	99

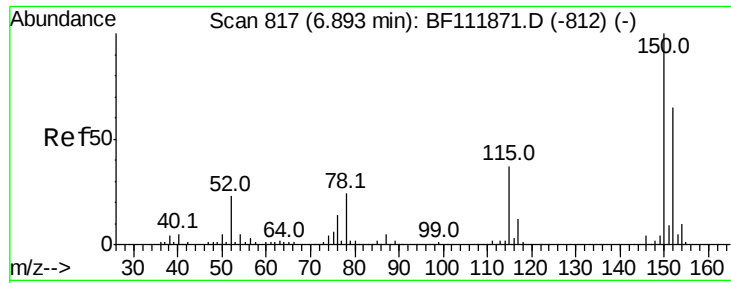
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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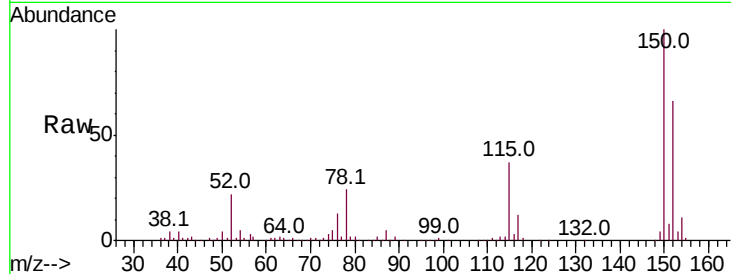


#1

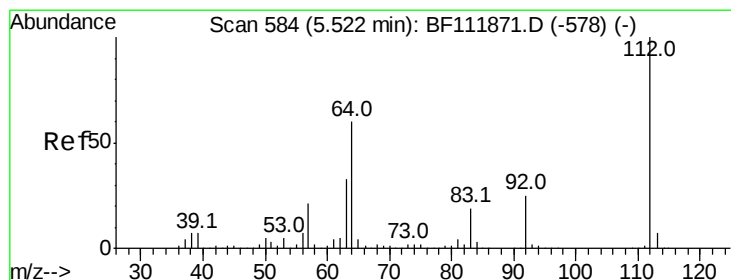
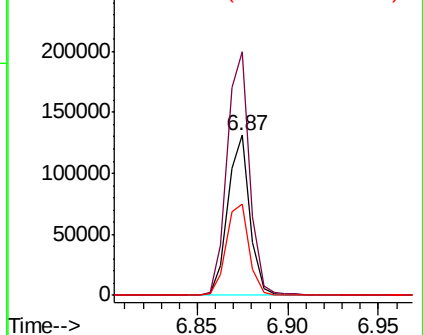
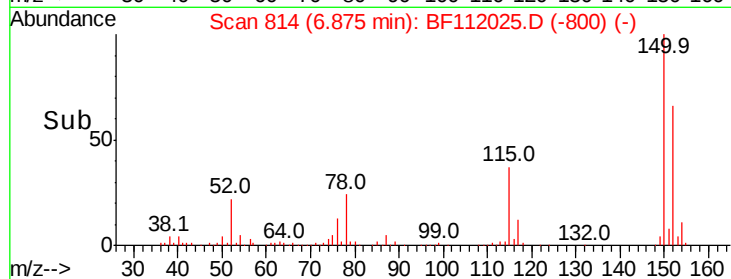
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.87 min Scan# 814
 Delta R.T. -0.02 min
 Lab File: BF112025.D
 Acq: 11 Jan 2019 19:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 110445
 Ion Ratio Lower Upper
 152 100
 150 152.3 122.7 184.1
 115 56.8 45.2 67.8



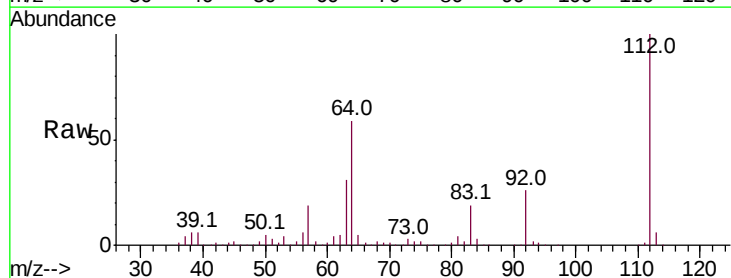
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



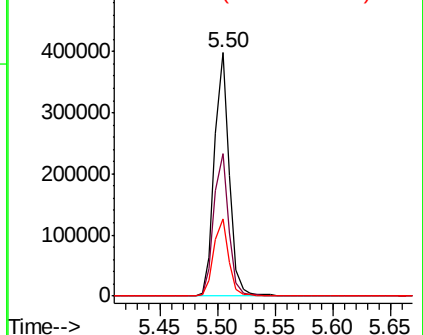
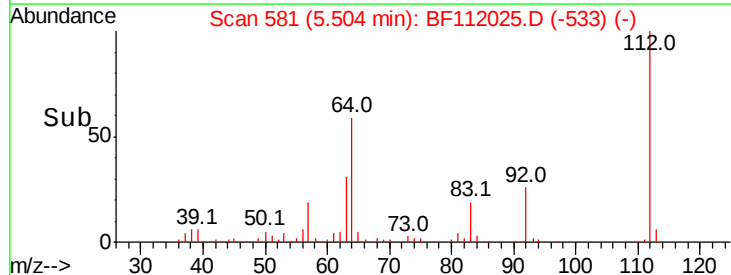
#5

2-Fluorophenol
 Concen: 55.032 ng
 RT: 5.50 min Scan# 581
 Delta R.T. -0.02 min
 Lab File: BF112025.D
 Acq: 11 Jan 2019 19:44

Tgt Ion:112 Resp: 355267
 Ion Ratio Lower Upper
 112 100
 64 58.6 48.3 72.5
 63 31.5 26.1 39.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BF1
 Ion 63.00 (62.70 to 63.70): BF1





#7

Phenol-d6

Concen: 53.613 ng

RT: 6.52 min Scan# 753

Delta R.T. -0.02 min

Lab File: BF112025.D

Acq: 11 Jan 2019 19:44

Instrument :

BNA_F

ClientSampleId :

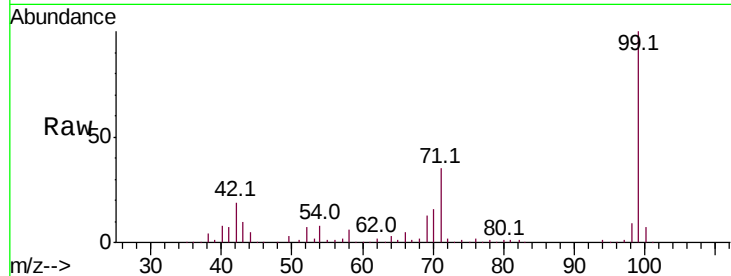
Tot Ion: 99 Resp: 446097

Ion Ratio Lower Upper

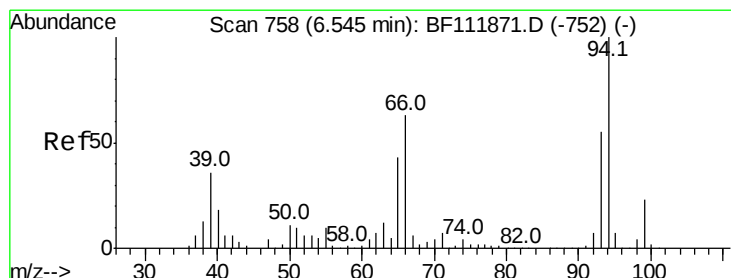
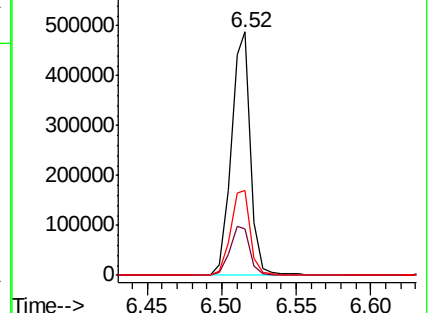
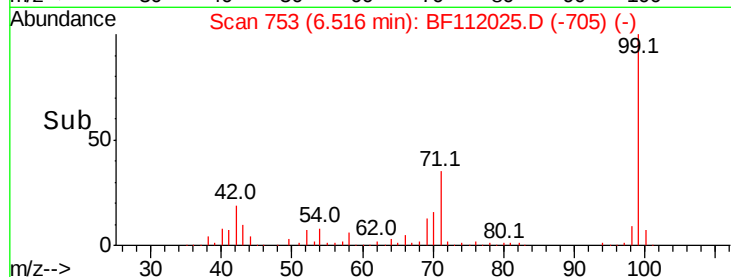
99 100

42 19.2 17.9 26.9

71 34.9 28.7 43.1



Abundance Ion 99.00 (98.70 to 99.70): BF1
Ion 42.00 (41.70 to 42.70): BF1
Ion 71.00 (70.70 to 71.70): BF1



#10

Phenol

Concen: 2.504 ng

RT: 6.53 min Scan# 755

Delta R.T. -0.02 min

Lab File: BF112025.D

Acq: 11 Jan 2019 19:44

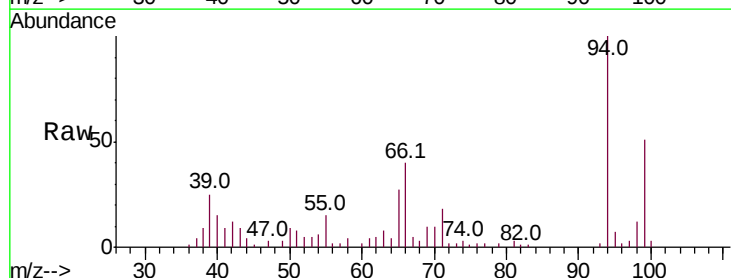
Tgt Ion: 94 Resp: 22643

Ion Ratio Lower Upper

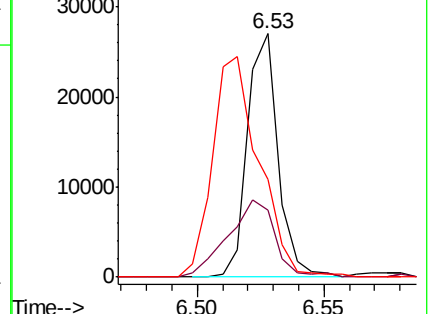
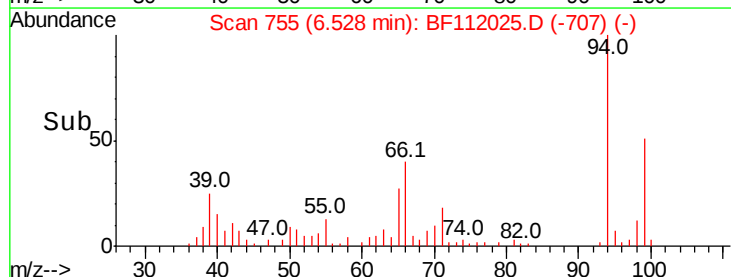
94 100

65 27.4 22.8 62.8

66 40.1 43.3 83.3#



Abundance Ion 94.00 (93.70 to 94.70): BF1
Ion 65.00 (64.70 to 65.70): BF1
Ion 66.00 (65.70 to 66.70): BF1





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.16 min Scan# 1032

Delta R.T. -0.02 min

Lab File: BF112025.D

Acq: 11 Jan 2019 19:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 390227

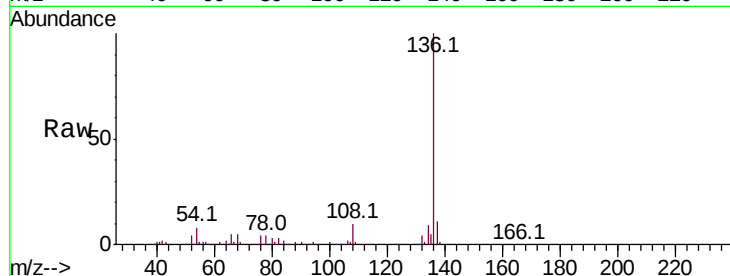
Ion Ratio Lower Upper

136 100

137 11.2 9.1 13.7

54 7.9 7.2 10.8

68 4.9 4.4 6.6

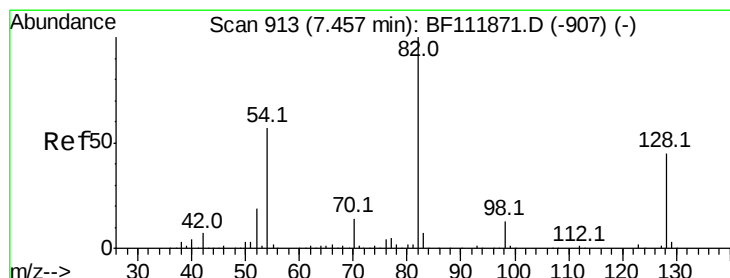
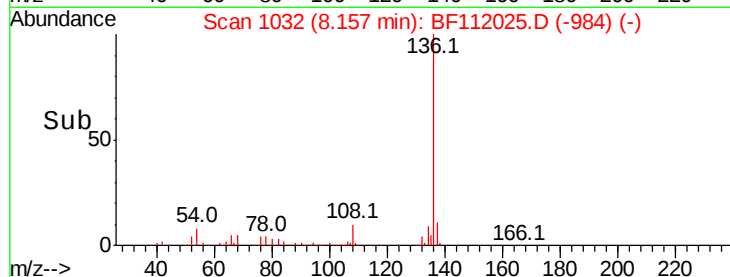
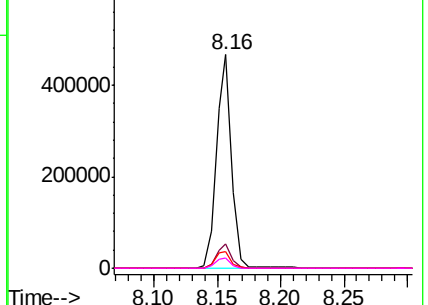


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF1

Ion 68.00 (67.70 to 68.70): BF1



#23

Nitrobenzene-d5

Concen: 37.321 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.03 min

Lab File: BF112025.D

Acq: 11 Jan 2019 19:44

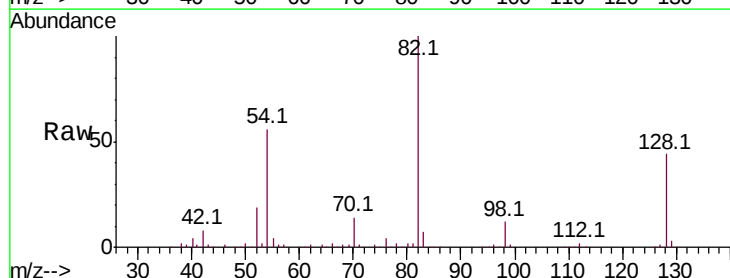
Tgt Ion: 82 Resp: 272498

Ion Ratio Lower Upper

82 100

128 44.4 35.7 53.5

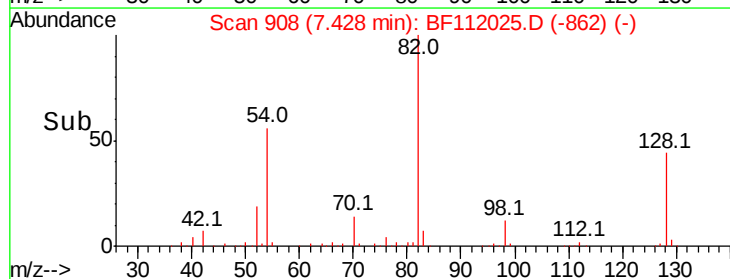
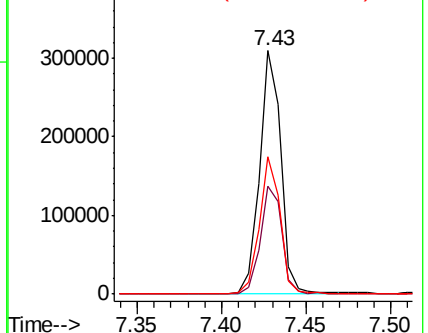
54 56.4 45.8 68.8

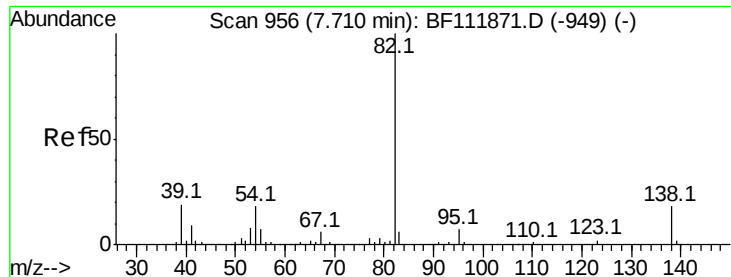


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 22.834 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.28 min

Lab File: BF112025.D

Acq: 11 Jan 2019 19:44

Instrument :

BNA_F

ClientSampled :

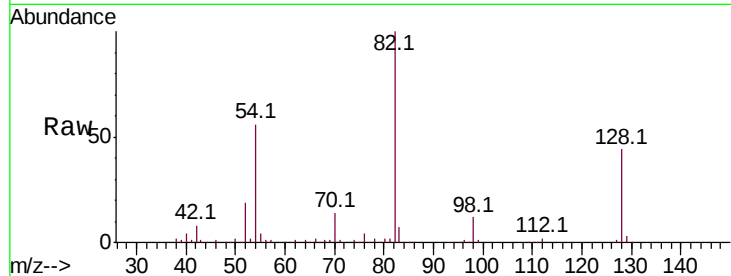
Tot Ion: 82 Resp: 269968

Ion Ratio Lower Upper

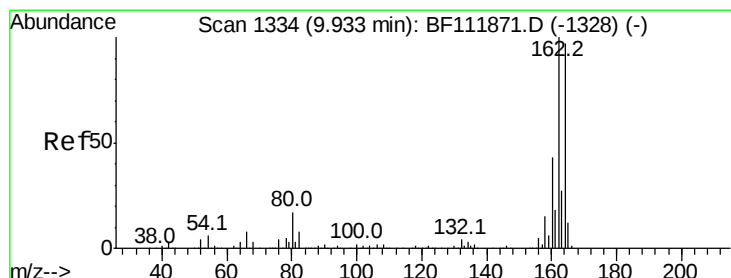
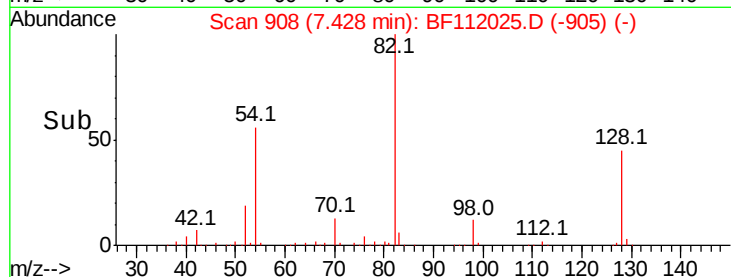
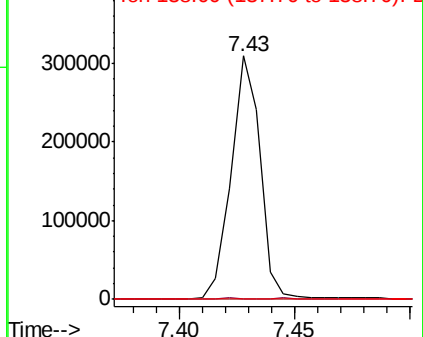
82 100

95 0.4 5.8 8.6#

138 0.0 14.4 21.6#



Abundance Ion 82.00 (81.70 to 82.70): BF1
Ion 95.00 (94.70 to 95.70): BF1
Ion 138.00 (137.70 to 138.70): BF1



#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 9.91 min Scan# 1330

Delta R.T. -0.02 min

Lab File: BF112025.D

Acq: 11 Jan 2019 19:44

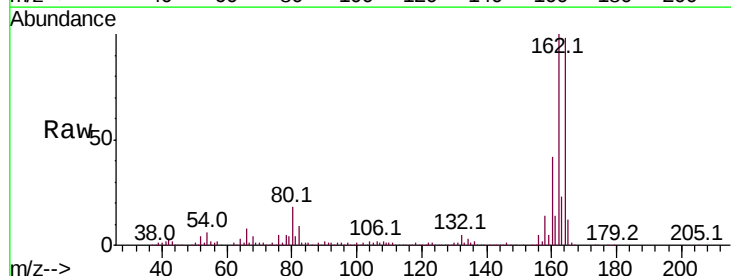
Tgt Ion:164 Resp: 179690

Ion Ratio Lower Upper

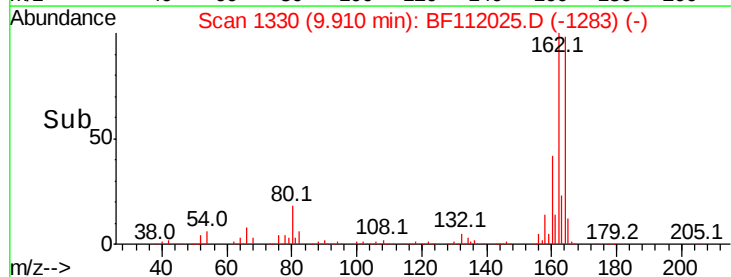
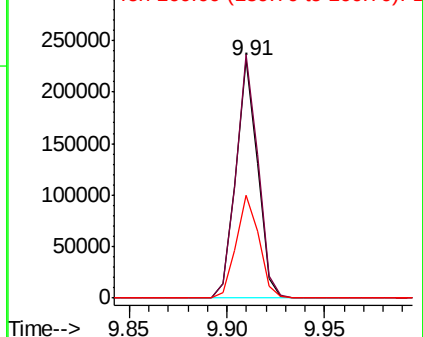
164 100

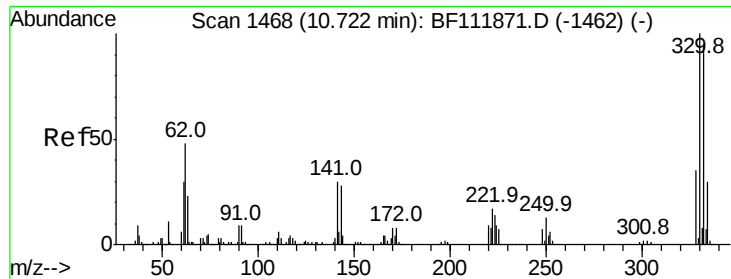
162 102.2 82.2 123.2

160 43.4 35.5 53.3



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

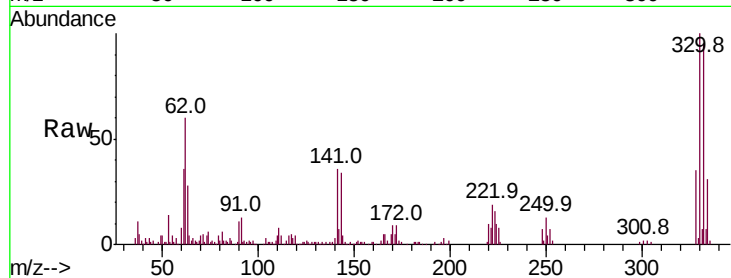




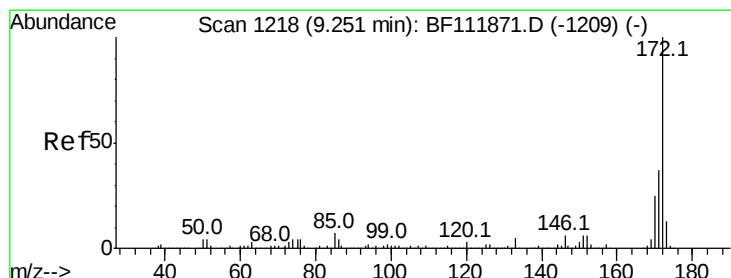
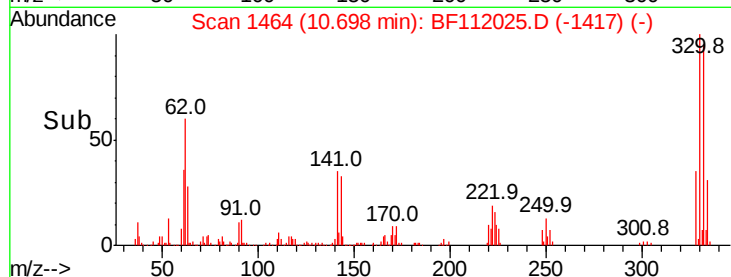
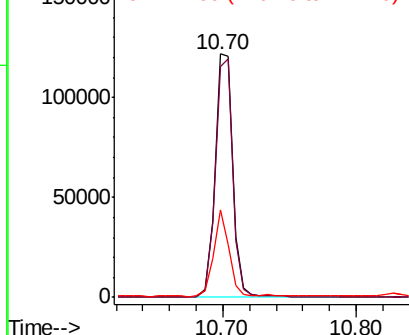
#42
 2,4,6-Tribromophenol
 Concen: 49.261 ng
 RT: 10.70 min Scan# 1464
 Delta R.T. -0.02 min
 Lab File: BF112025.D
 Acq: 11 Jan 2019 19:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.7	76.9	115.3
141	30.2	23.7	35.5

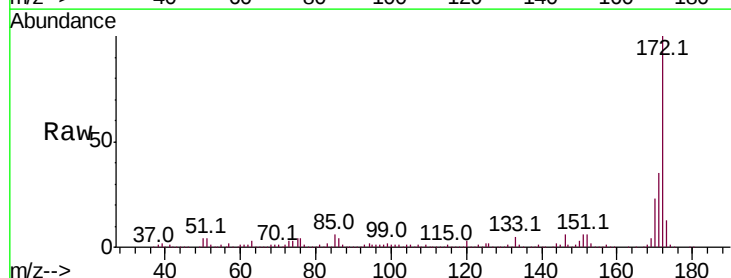


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

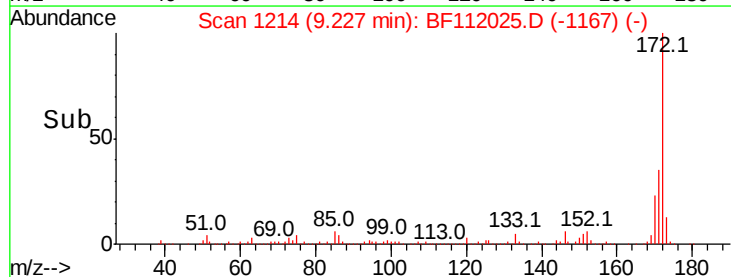
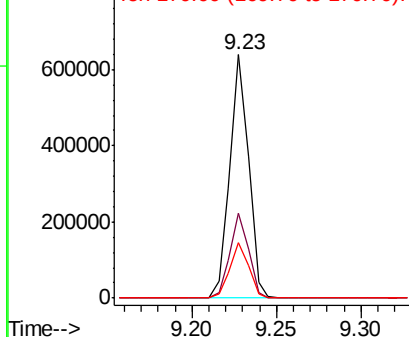


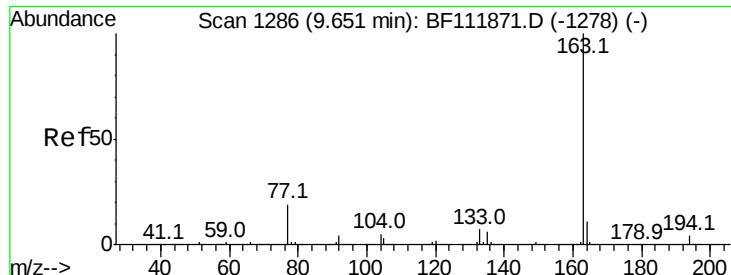
#45
 2-Fluorobiphenyl
 Concen: 40.142 ng
 RT: 9.23 min Scan# 1214
 Delta R.T. -0.02 min
 Lab File: BF112025.D
 Acq: 11 Jan 2019 19:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	34.8	29.6	44.4
170	22.7	19.8	29.8



Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

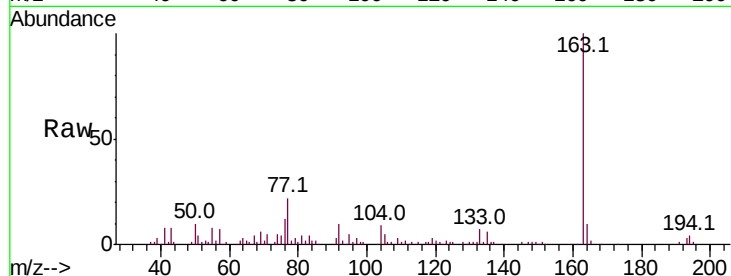




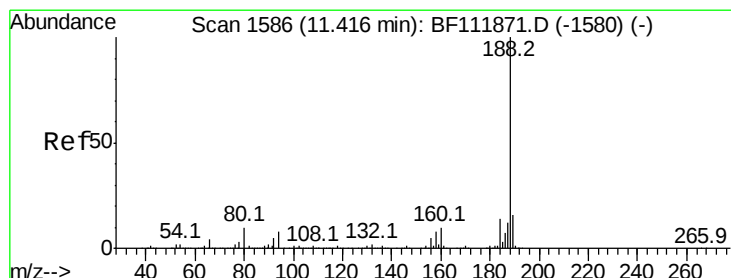
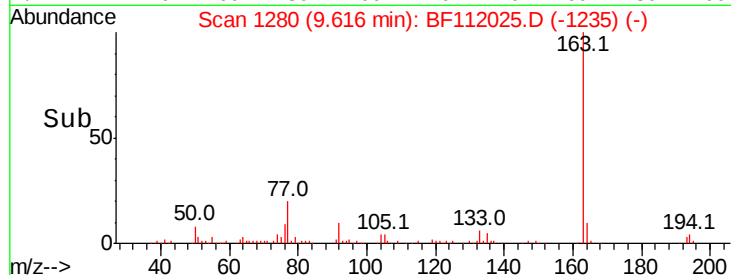
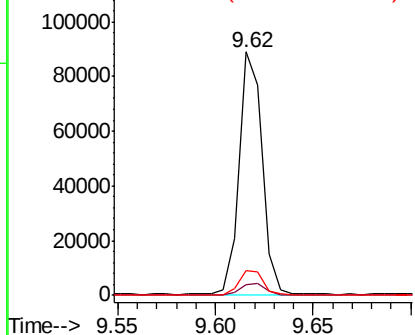
#50
Dimethylphthalate
Concen: 5.355 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BF112025.D
Acq: 11 Jan 2019 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 72290
Ion Ratio Lower Upper
163 100
194 4.2 3.4 5.2
164 10.3 8.5 12.7

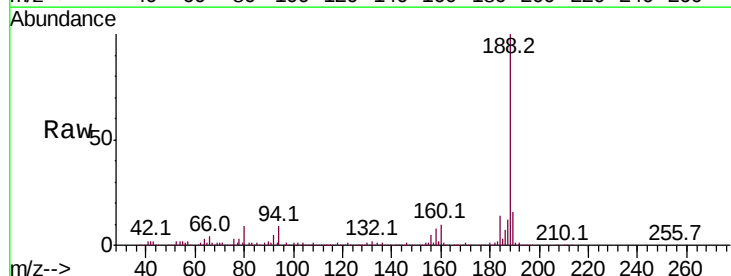


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

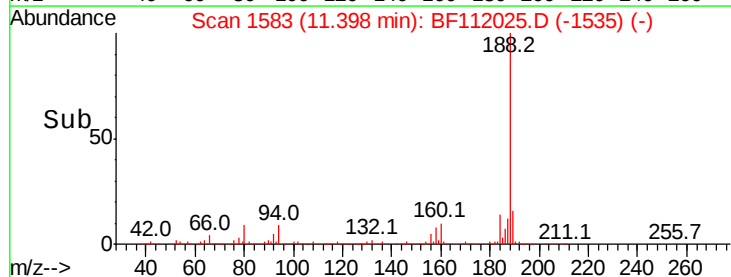
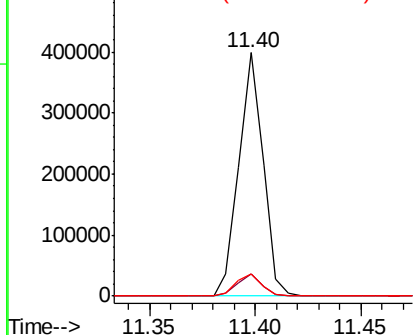


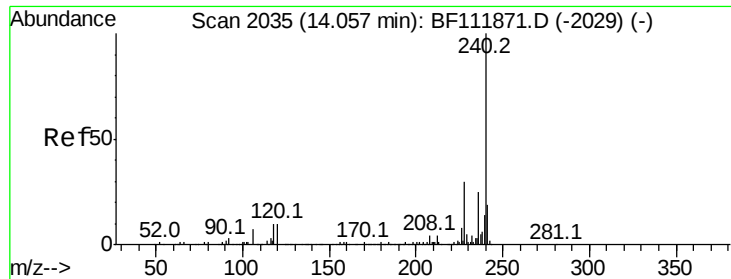
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.40 min Scan# 1583
Delta R.T. -0.02 min
Lab File: BF112025.D
Acq: 11 Jan 2019 19:44

Tgt Ion:188 Resp: 317451
Ion Ratio Lower Upper
188 100
94 8.9 6.6 10.0
80 9.1 7.7 11.5



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF1
Ion 80.00 (79.70 to 80.70): BF1





#76

Chrysene-d12

Concen: 20.000 ng

RT: 14.04 min Scan# 2032

Delta R.T. -0.02 min

Lab File: BF112025.D

Acq: 11 Jan 2019 19:44

Instrument :

BNA_F

ClientSampleId :

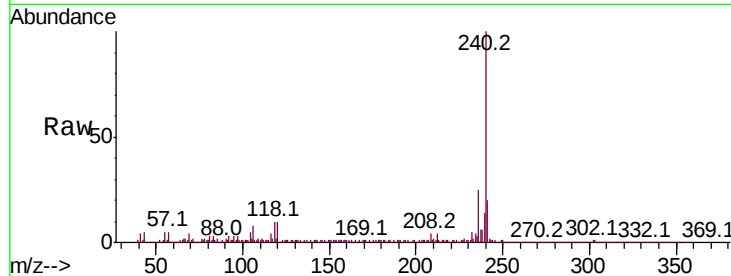
Tot Ion:240 Resp: 274454

Ion Ratio Lower Upper

240 100

120 10.3 8.2 12.2

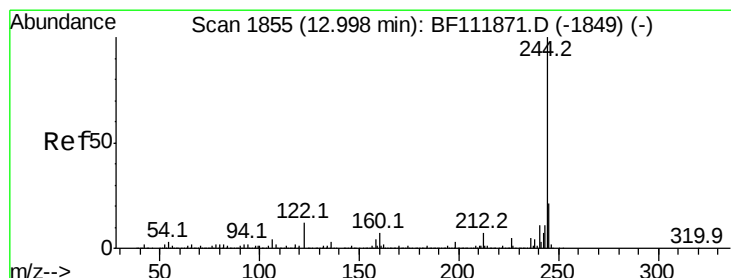
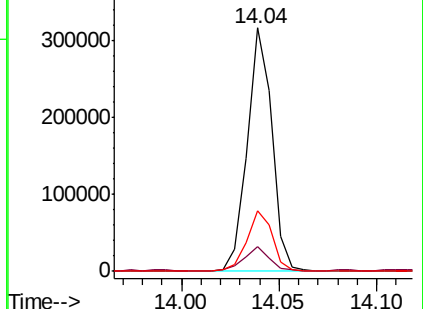
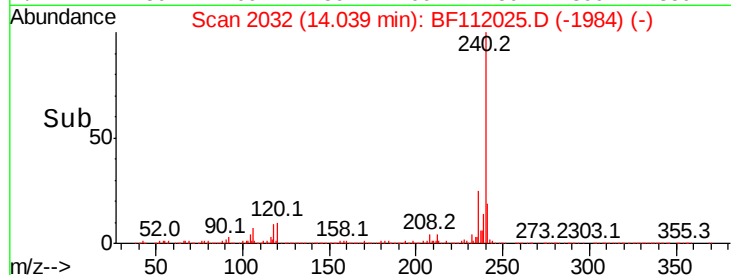
236 24.9 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#79

Terphenyl-d14

Concen: 34.887 ng

RT: 12.98 min Scan# 1852

Delta R.T. -0.02 min

Lab File: BF112025.D

Acq: 11 Jan 2019 19:44

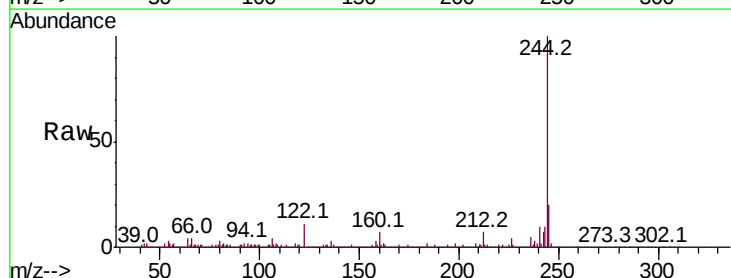
Tgt Ion:244 Resp: 504420

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

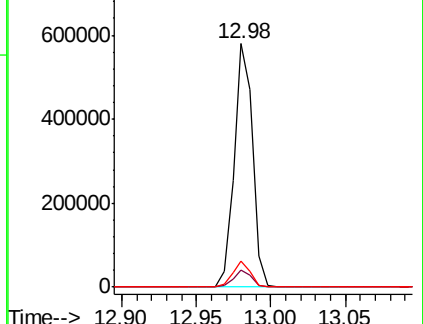
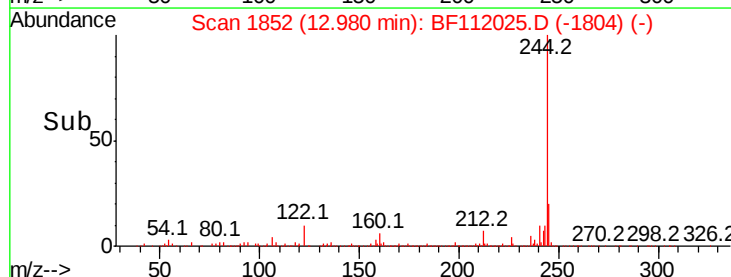
122 10.5 9.5 14.3

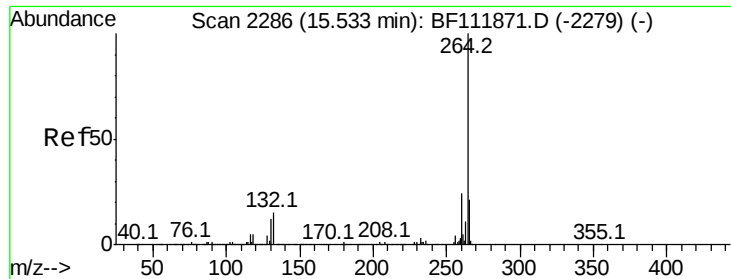


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.52 min Scan# 2284
Delta R.T. -0.01 min
Lab File: BF112025.D
Acq: 11 Jan 2019 19:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.8	19.2	28.8
265	21.7	17.1	25.7

