

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF080819\
 Data File : BF116094.D
 Acq On : 9 Aug 2019 3:24
 Operator : HP/JU
 Sample : K4154-01RE
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 09 09:17:25 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF073019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 07 11:13:18 2019
 Response via : Initial Calibration

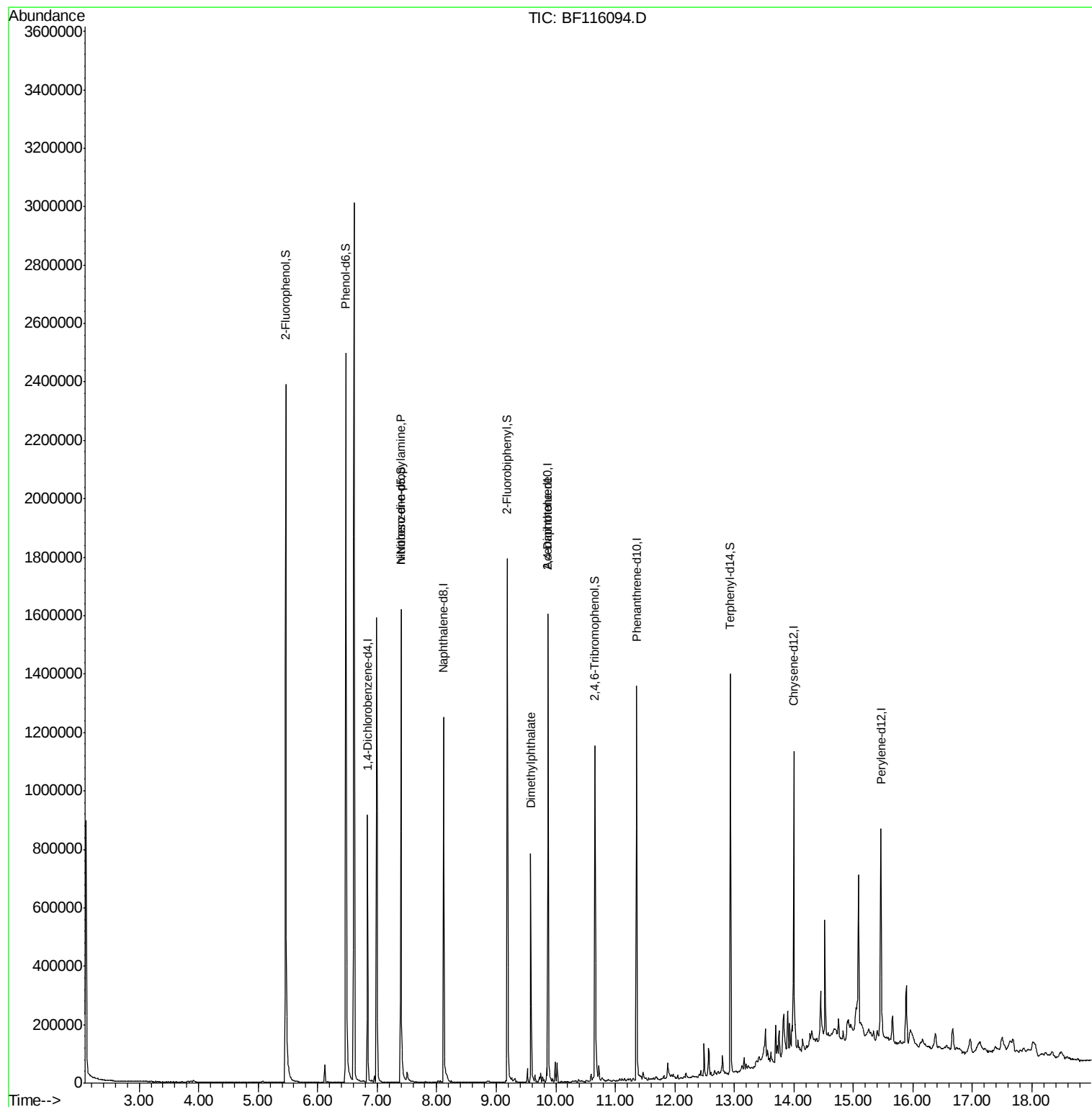
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	146870	20.00	ng	0.00
21) Naphthalene-d8	8.12	136	598297	20.00	ng	-0.01
39) Acenaphthene-d10	9.87	164	310212	20.00	ng	-0.02
64) Phenanthrene-d10	11.36	188	479808	20.00	ng	-0.01
76) Chrysene-d12	14.00	240	320966	20.00	ng	-0.01
87) Perylene-d12	15.46	264	328837	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.46	112	760207	86.65	ng	0.00
7) Phenol-d6	6.47	99	983506	88.85	ng	-0.01
23) Nitrobenzene-d5	7.40	82	557412	53.78	ng	-0.02
42) 2,4,6-Tribromophenol	10.66	330	160350	53.32	ng	-0.01
45) 2-Fluorobiphenyl	9.19	172	585144	35.33	ng	-0.02
79) Terphenyl-d14	12.93	244	436245	28.64	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.40	70	73224	10.675	ng	Qvalue # 80
50) Dimethylphthalate	9.58	163	348930	16.520	ng	100
57) 2,4-Dinitrotoluene	9.87	165	38997	6.381	ng	# 20

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

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 6.84 min Scan# 808

Delta R.T. -0.01 min

Lab File: BF116094.D

Acq: 9 Aug 2019 3:24

Instrument :
BNA_F
ClientSampleId :

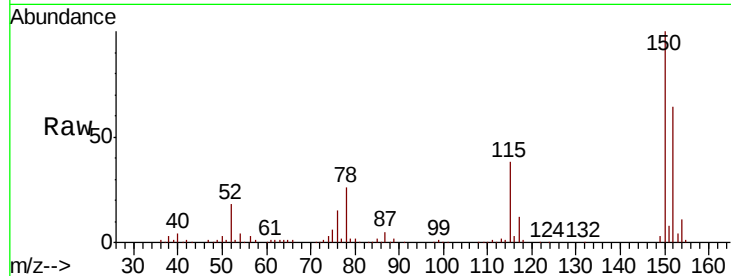
Tot Ion:152 Resp: 146870

Ion Ratio Lower Upper

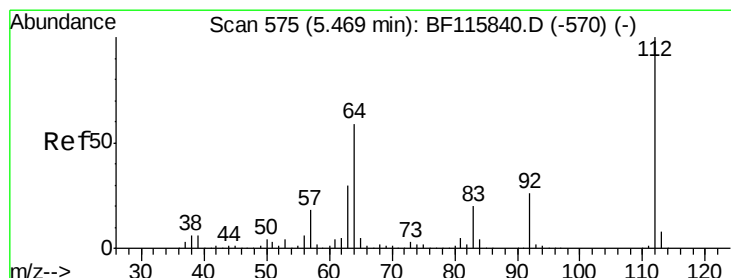
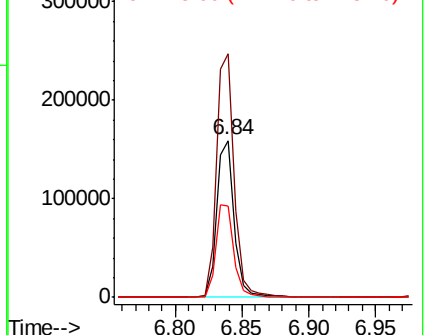
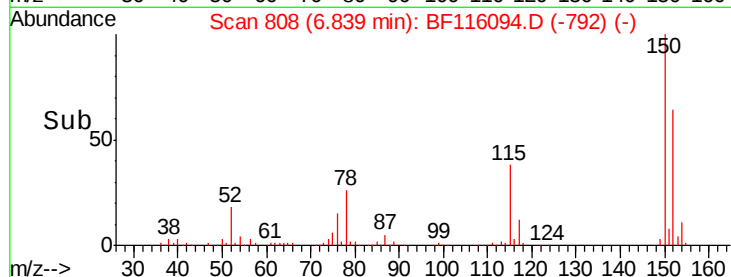
152 100

150 155.1 126.2 189.2

115 58.4 49.9 74.9



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: 86.650 ng

RT: 5.46 min Scan# 574

Delta R.T. -0.01 min

Lab File: BF116094.D

Acq: 9 Aug 2019 3:24

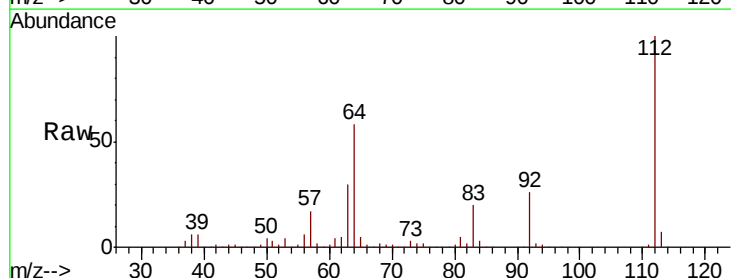
Tgt Ion:112 Resp: 760207

Ion Ratio Lower Upper

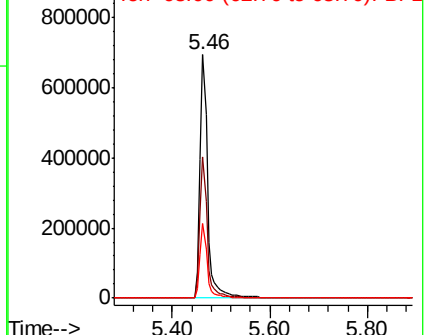
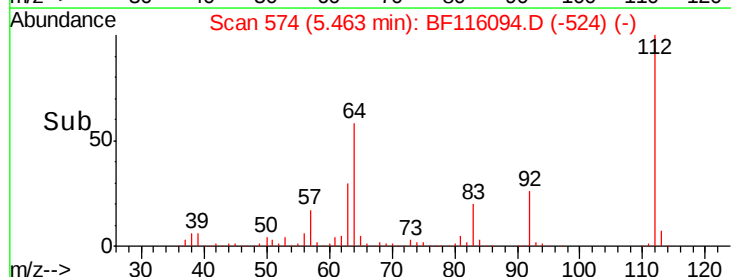
112 100

64 58.0 45.4 68.2

63 30.4 23.7 35.5



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: 88.852 ng

RT: 6.47 min Scan# 746

Delta R.T. -0.01 min

Lab File: BF116094.D

Acq: 9 Aug 2019 3:24

Instrument :

BNA_F

ClientSampleId :

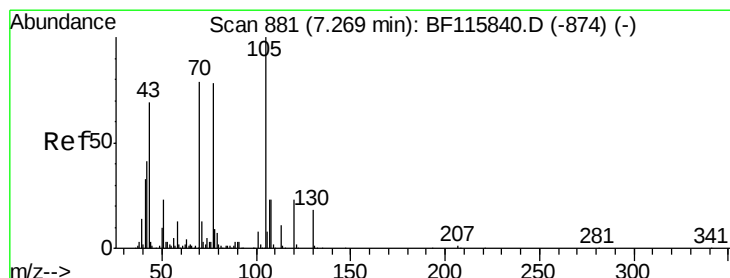
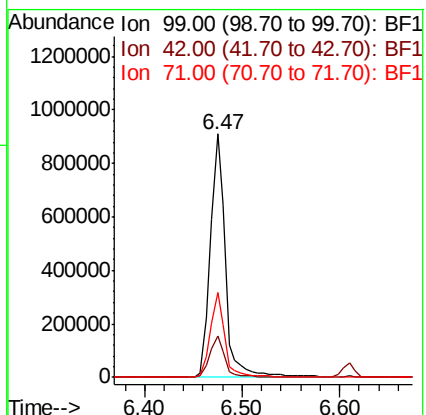
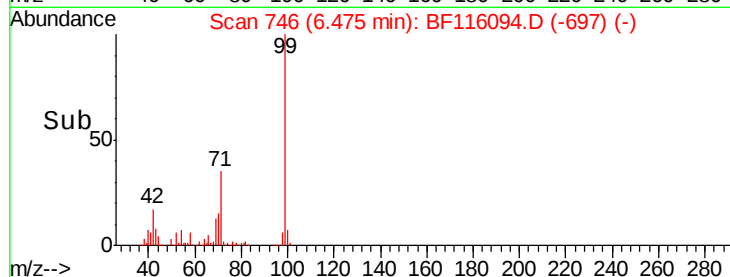
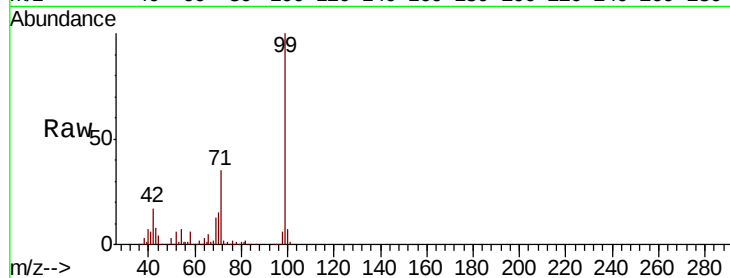
Tot Ion: 99 Resp: 983506

Ion Ratio Lower Upper

99 100

42 17.2 13.8 20.8

71 34.7 27.3 40.9



#19

n-Nitroso-di-n-propylamine

Concen: 10.675 ng

RT: 7.40 min Scan# 903

Delta R.T. 0.13 min

Lab File: BF116094.D

Acq: 9 Aug 2019 3:24

Tgt Ion: 70 Resp: 73224

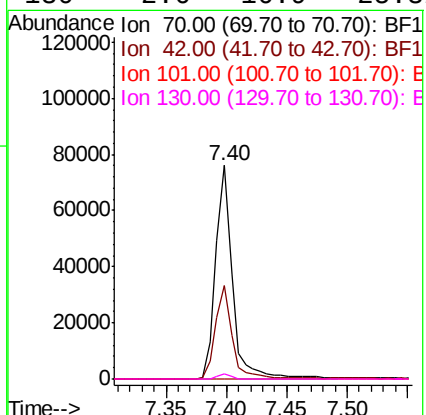
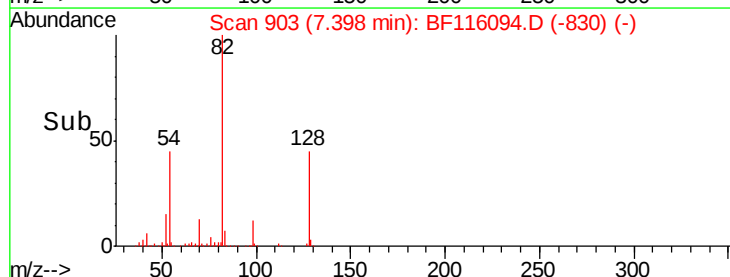
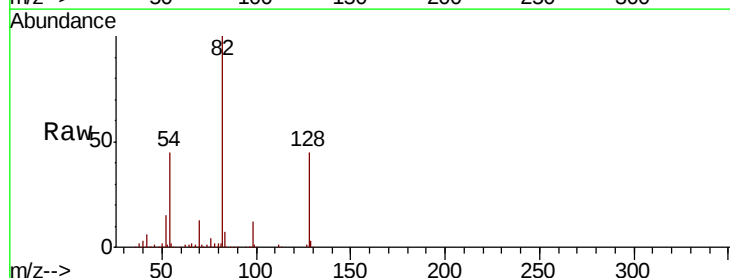
Ion Ratio Lower Upper

70 100

42 43.9 40.9 61.3

101 0.0 7.9 11.9#

130 2.6 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.12 min Scan# 1025

Delta R.T. -0.01 min

Lab File: BF116094.D

Acq: 9 Aug 2019 3:24

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 598297

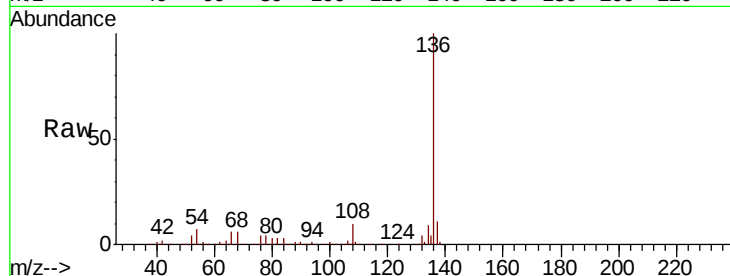
Ion Ratio Lower Upper

136 100

137 11.2 9.0 13.4

54 7.0 5.8 8.6

68 6.4 5.2 7.8

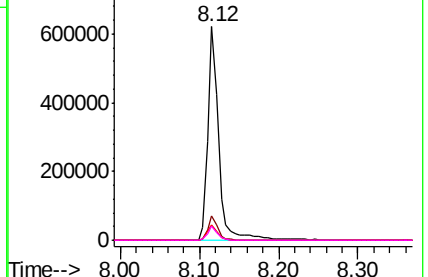
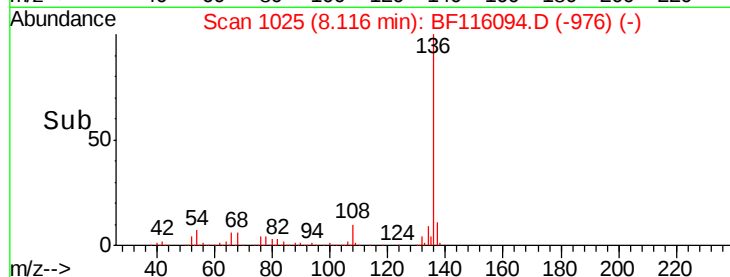


Abundance Ion 136.00 (135.70 to 136.70): E

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: 53.779 ng

RT: 7.40 min Scan# 903

Delta R.T. -0.02 min

Lab File: BF116094.D

Acq: 9 Aug 2019 3:24

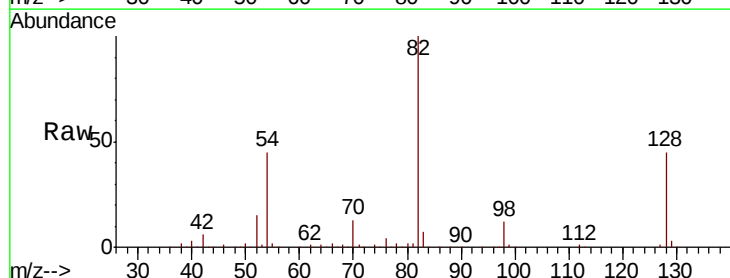
Tgt Ion: 82 Resp: 557412

Ion Ratio Lower Upper

82 100

128 44.5 36.5 54.7

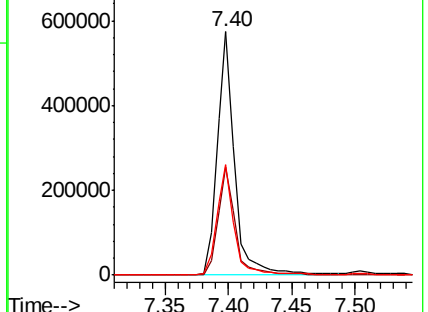
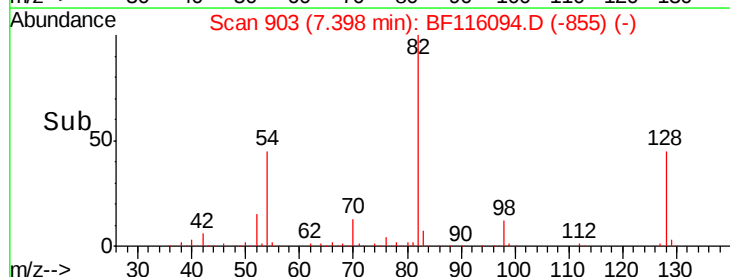
54 45.3 36.0 54.0

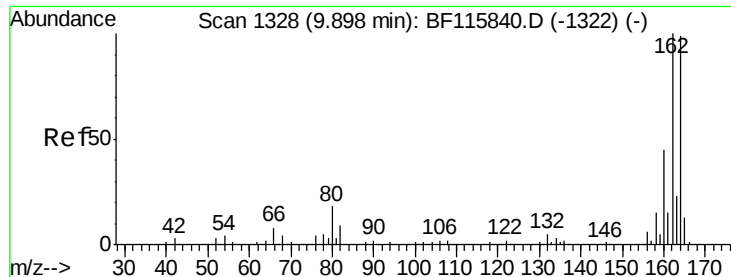


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1

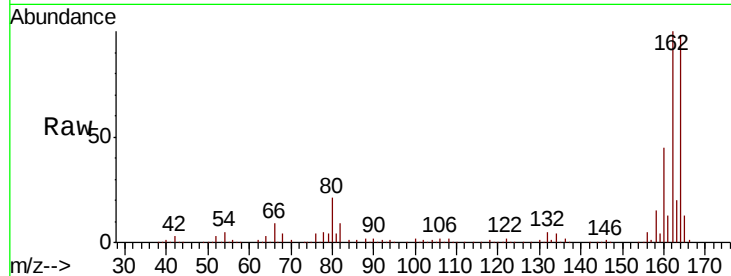




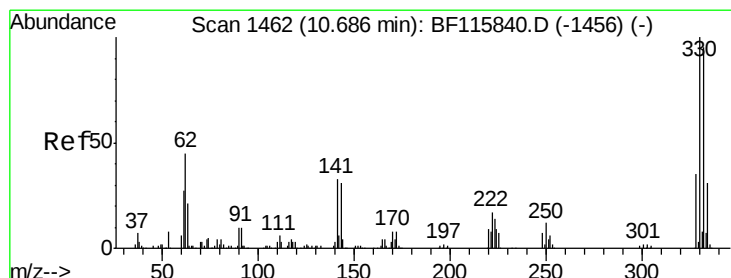
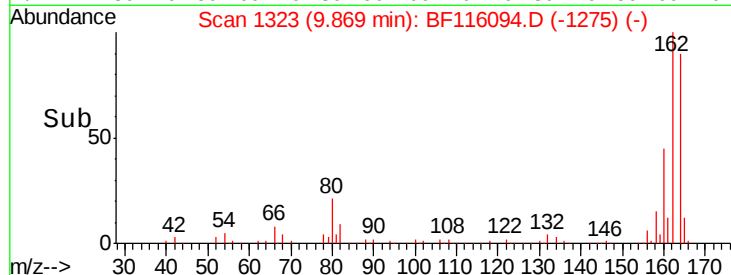
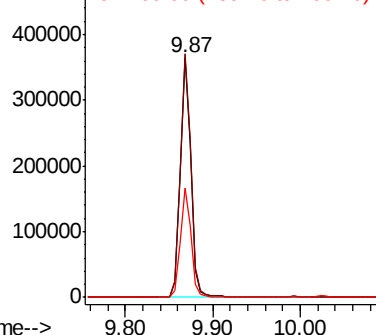
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.02 min
Lab File: BF116094.D
Acq: 9 Aug 2019 3:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 310212
Ion Ratio Lower Upper
164 100
162 101.8 82.6 124.0
160 45.7 37.6 56.4

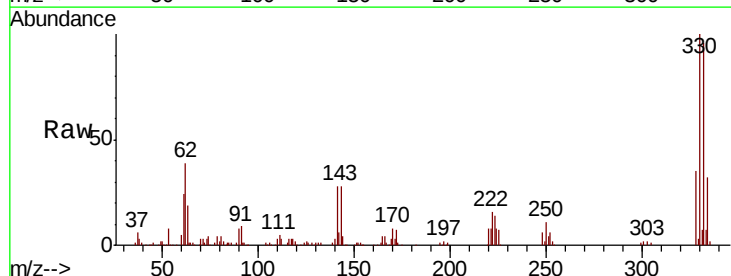


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

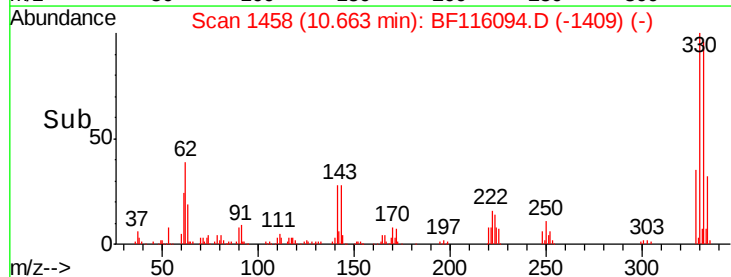
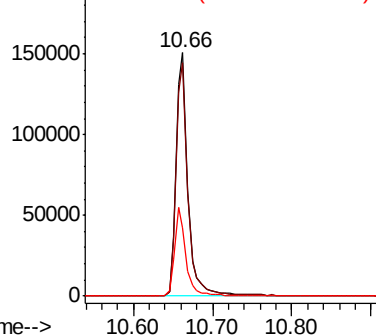


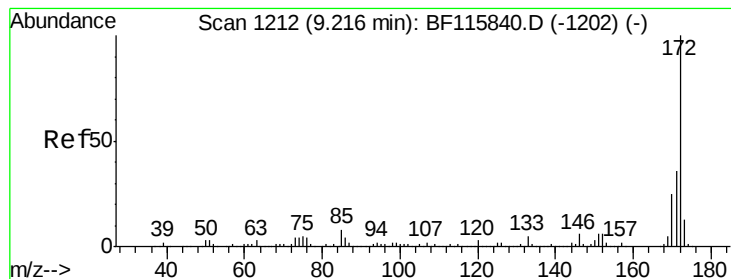
#42
2,4,6-Tribromophenol
Concen: 53.315 ng
RT: 10.66 min Scan# 1458
Delta R.T. -0.01 min
Lab File: BF116094.D
Acq: 9 Aug 2019 3:24

Tgt Ion:330 Resp: 160350
Ion Ratio Lower Upper
330 100
332 96.3 76.8 115.2
141 34.6 26.3 39.5



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: 35.331 ng

RT: 9.19 min Scan# 1207

Delta R.T. -0.02 min

Lab File: BF116094.D

Acq: 9 Aug 2019 3:24

Instrument :

BNA_F

ClientSampleId :

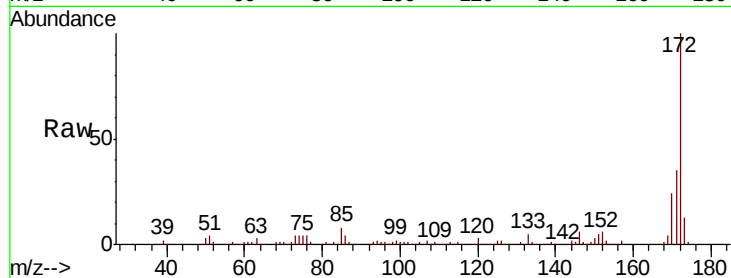
Tot Ion:172 Resp: 585144

Ion Ratio Lower Upper

172 100

171 35.4 29.6 44.4

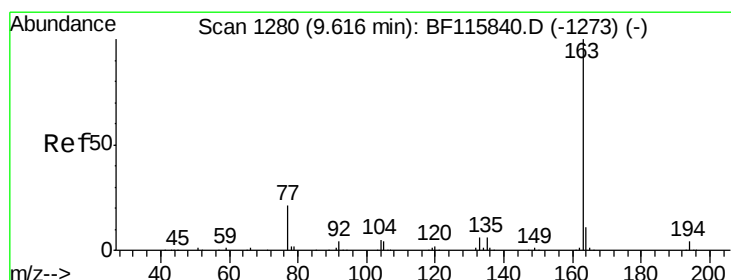
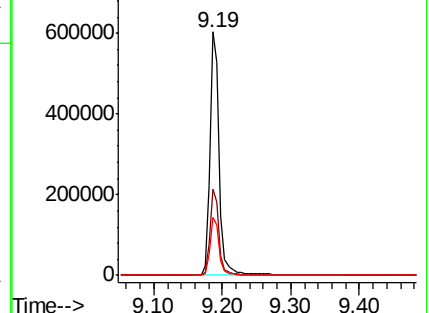
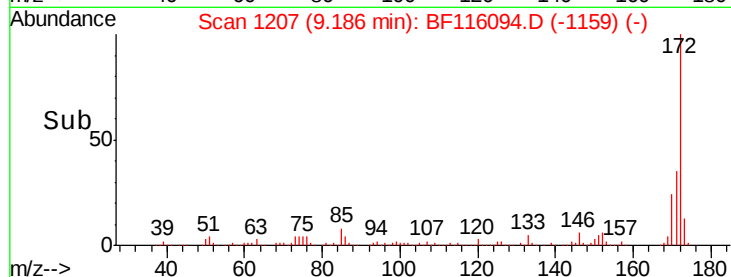
170 23.9 20.1 30.1



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: 16.520 ng

RT: 9.58 min Scan# 1274

Delta R.T. -0.02 min

Lab File: BF116094.D

Acq: 9 Aug 2019 3:24

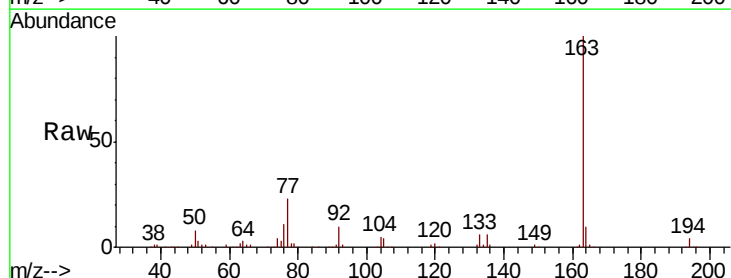
Tgt Ion:163 Resp: 348930

Ion Ratio Lower Upper

163 100

194 3.6 3.0 4.6

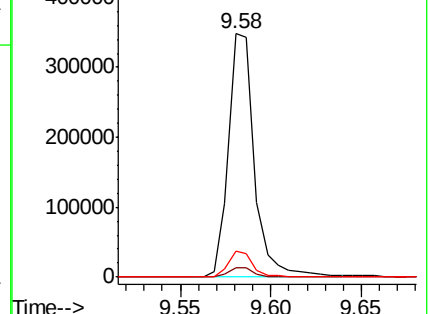
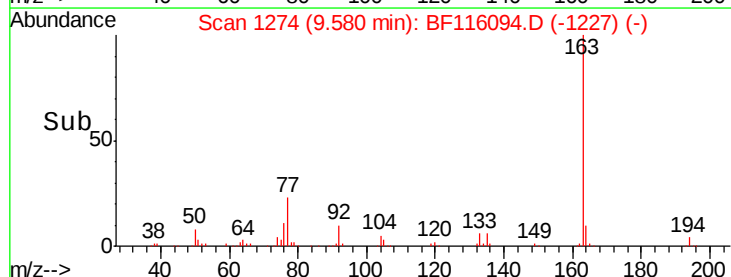
164 10.5 8.4 12.6

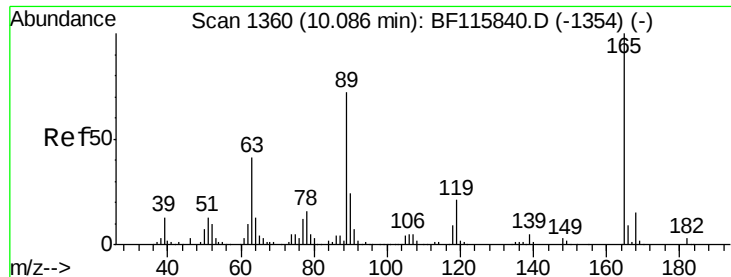


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

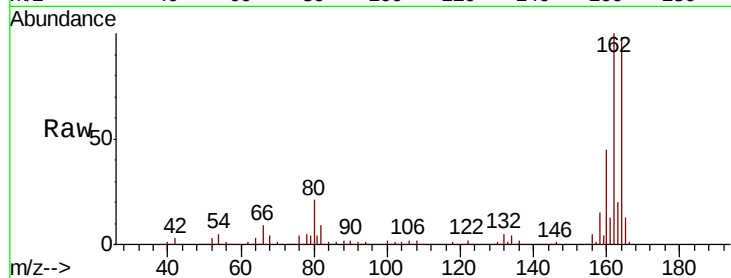




#57
2,4-Dinitrotoluene
Concen: 6.381 ng
RT: 9.87 min Scan# 1323
Delta R.T. -0.21 min
Lab File: BF116094.D
Acq: 9 Aug 2019 3:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	1.0	39.6	59.4#
89	1.3	62.2	93.2#
182	0.0	2.1	3.1#

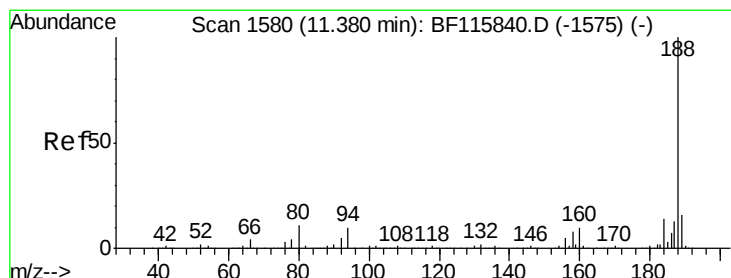
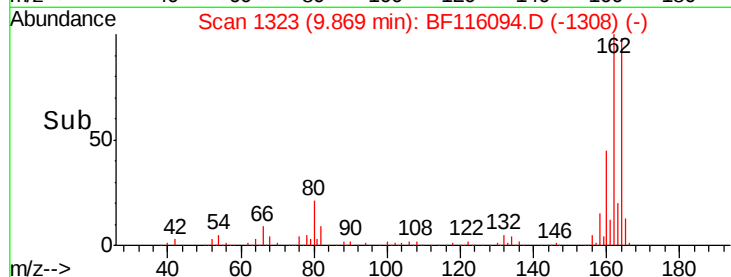
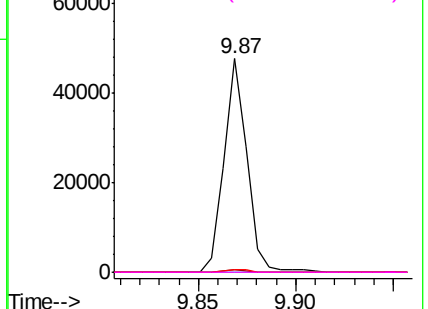


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF1

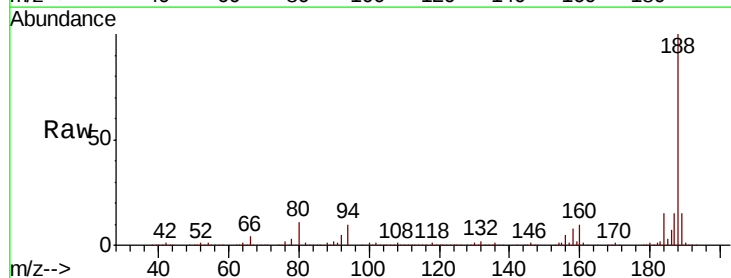
Ion 89.00 (88.70 to 89.70): BF1

Ion 182.00 (181.70 to 182.70): E



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.36 min Scan# 1576
Delta R.T. -0.01 min
Lab File: BF116094.D
Acq: 9 Aug 2019 3:24

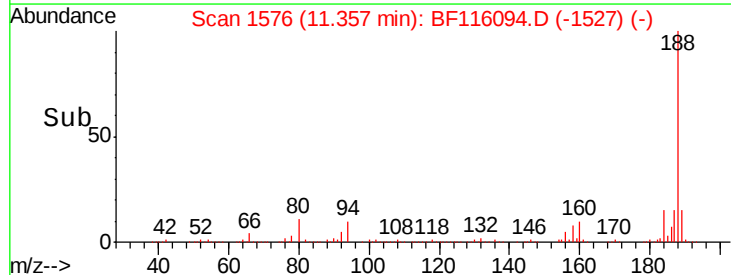
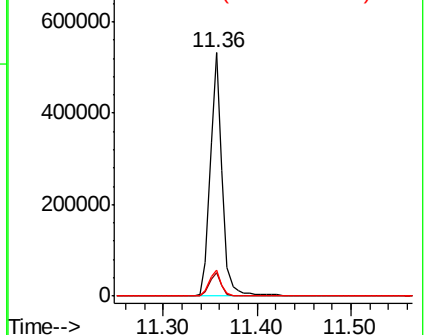
Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.6	8.1	12.1
80	10.8	8.7	13.1

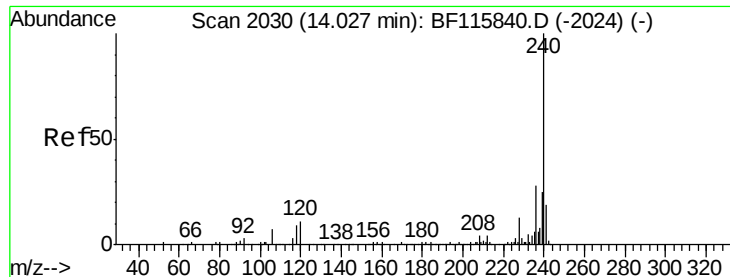


Abundance Ion 188.00 (187.70 to 188.70): E

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: 14.00 min Scan# 2025

Delta R.T. -0.01 min

Lab File: BF116094.D

Acq: 9 Aug 2019 3:24

Instrument :

BNA_F

ClientSampleId :

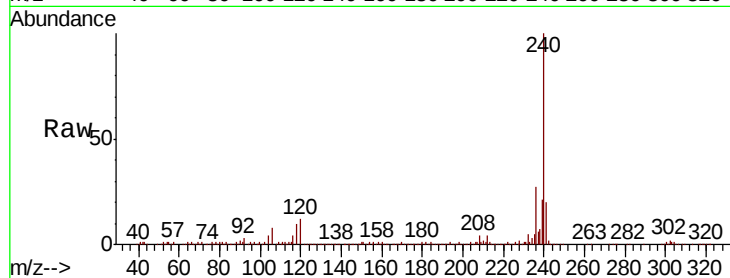
Tot Ion:240 Resp: 320966

Ion Ratio Lower Upper

240 100

120 11.6 10.7 16.1

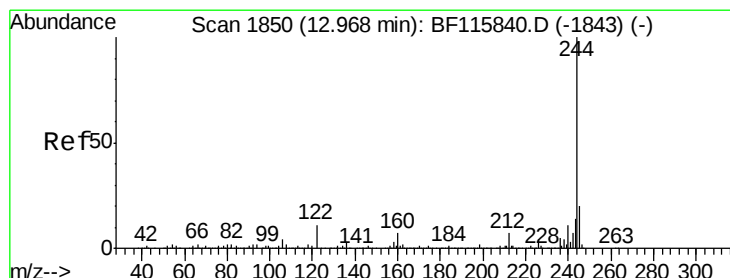
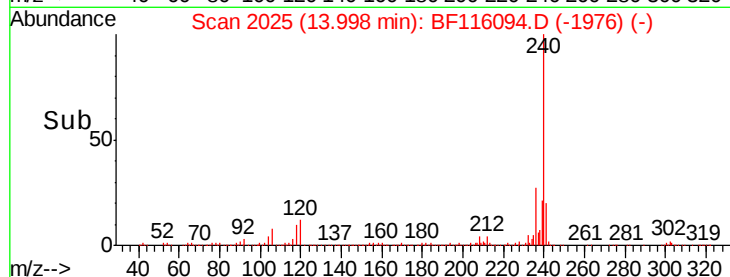
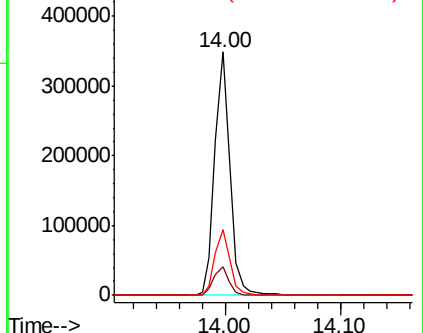
236 27.1 22.2 33.2



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: 28.640 ng

RT: 12.93 min Scan# 1844

Delta R.T. -0.02 min

Lab File: BF116094.D

Acq: 9 Aug 2019 3:24

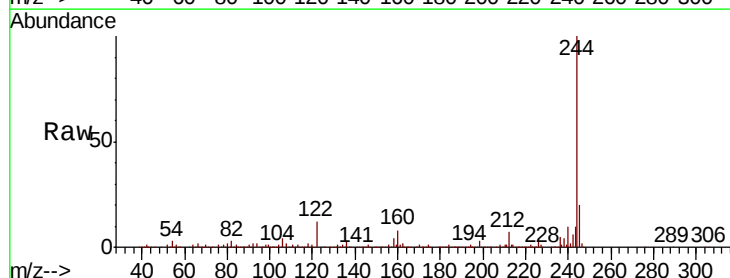
Tgt Ion:244 Resp: 436245

Ion Ratio Lower Upper

244 100

212 6.8 5.8 8.8

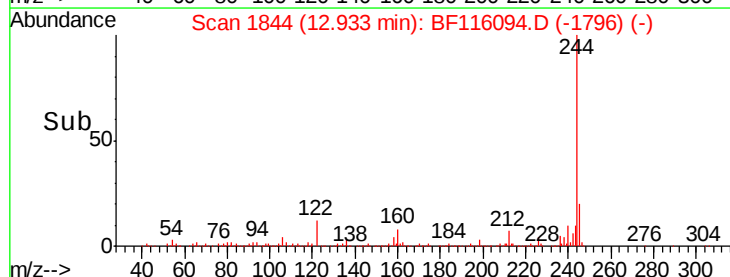
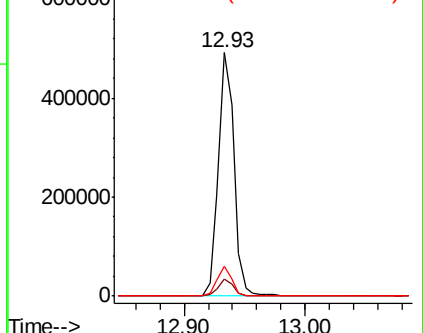
122 12.3 9.0 13.4

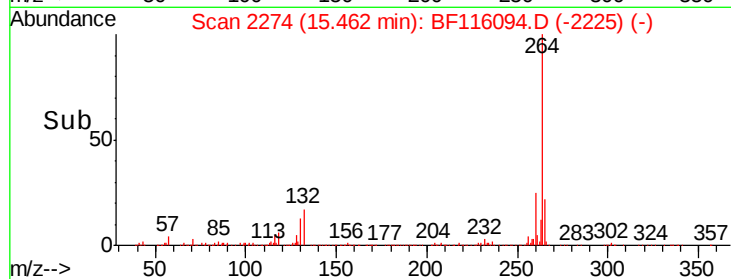
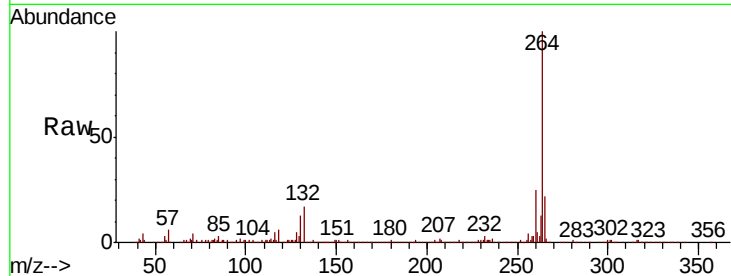
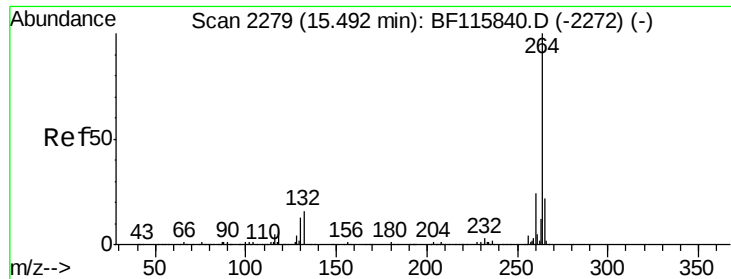


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.46 min Scan# 2274
Delta R.T. -0.01 min
Lab File: BF116094.D
Acq: 9 Aug 2019 3:24

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	328837
Ion Ratio	Lower	Upper	
264	100		
260	24.9	19.7	29.5
265	21.8	17.4	26.0

