

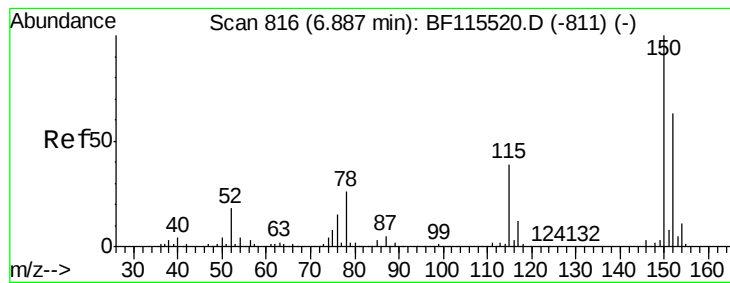
Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF072719\
 Data File : BF115822.D
 Acq On : 27 Jul 2019 11:22
 Operator : HP/JU
 Sample : K4000-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 29 00:59:12 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF071219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 25 13:16:07 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.87	152	146738	20.00	ng	0.00
21) Naphthalene-d8	8.15	136	571355	20.00	ng	0.00
39) Acenaphthene-d10	9.90	164	305010	20.00	ng	0.00
64) Phenanthrene-d10	11.39	188	557235	20.00	ng	0.00
76) Chrysene-d12	14.03	240	415227	20.00	ng	0.00
87) Perylene-d12	15.50	264	394390	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.50	112	1022183	113.94	ng	0.00
7) Phenol-d6	6.50	99	1408149	123.71	ng	0.00
23) Nitrobenzene-d5	7.43	82	918011	93.43	ng	0.00
42) 2,4,6-Tribromophenol	10.69	330	287619	80.79	ng	0.00
45) 2-Fluorobiphenyl	9.23	172	1699514	97.53	ng	0.00
79) Terphenyl-d14	12.97	244	1898719	84.37	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.43	70	122743	16.534	ng	Qvalue # 80
25) Isophorone	7.43	82	918005	46.689	ng	# 65
50) Dimethylphthalate	9.62	163	174730	7.614	ng	98
57) 2,4-Dinitrotoluene	9.90	165	38989	5.771	ng	# 25
67) 4-Bromophenyl-phenylether	10.69	248	17583	2.761	ng	# 1

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

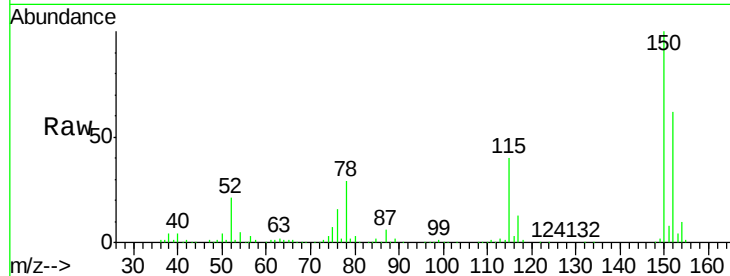


#1

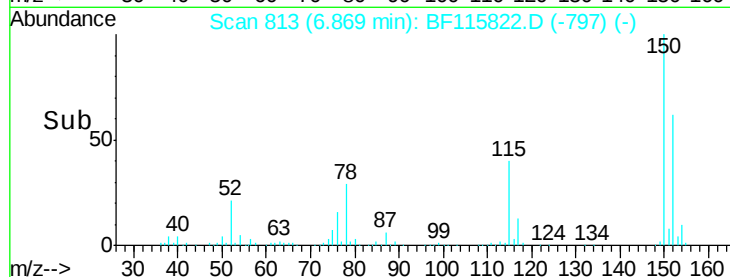
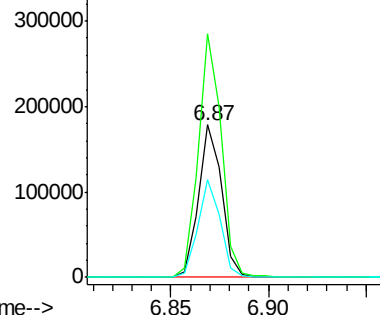
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.87 min Scan# 813
Delta R.T. -0.01 min
Lab File: BF115822.D
Acq: 27 Jul 2019 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 146738
Ion Ratio Lower Upper
152 100
150 160.0 126.6 189.8
115 64.0 47.8 71.6



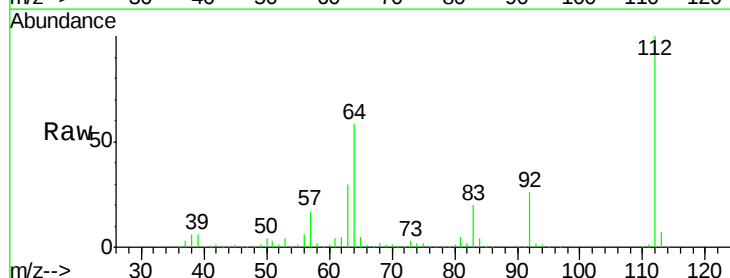
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



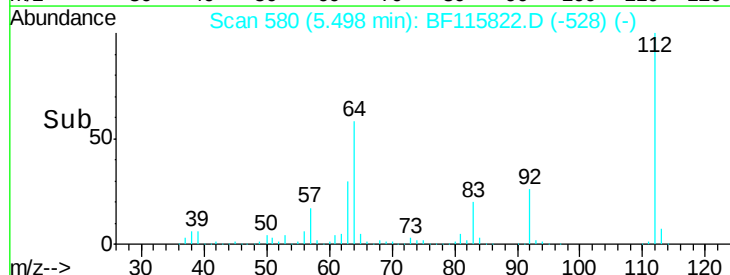
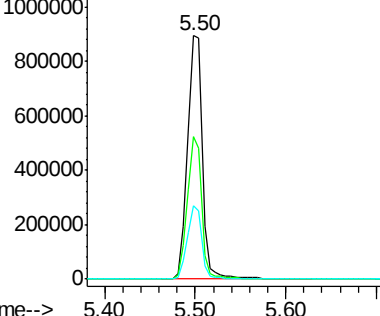
#5

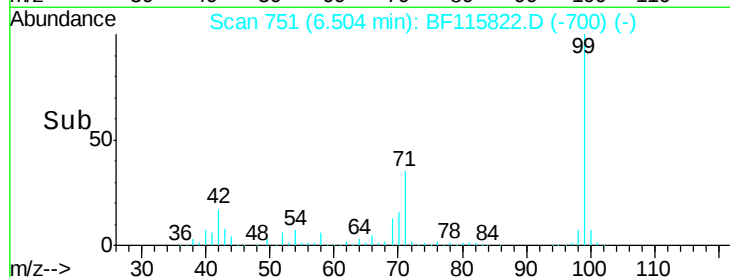
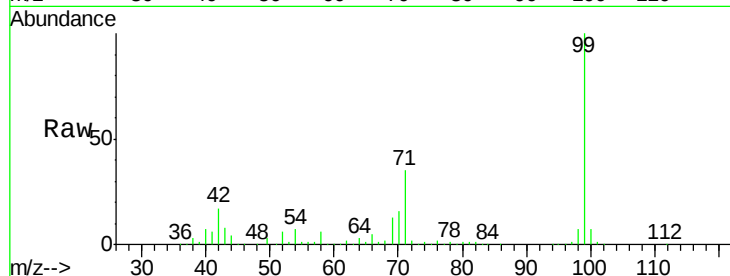
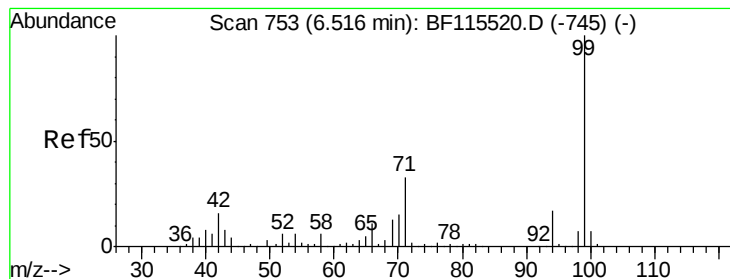
2-Fluorophenol
Concen: 113.944 ng
RT: 5.50 min Scan# 580
Delta R.T. 0.01 min
Lab File: BF115822.D
Acq: 27 Jul 2019 11:22

Tgt Ion:112 Resp: 1022183
Ion Ratio Lower Upper
112 100
64 58.3 45.8 68.8
63 30.4 23.6 35.4



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: 123.706 ng

RT: 6.50 min Scan# 751

Delta R.T. -0.00 min

Lab File: BF115822.D

Acq: 27 Jul 2019 11:22

Tot Ion: 99 Resp: 1408149

Ion Ratio Lower Upper

99 100

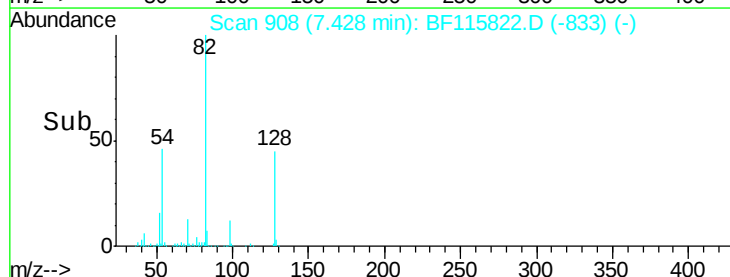
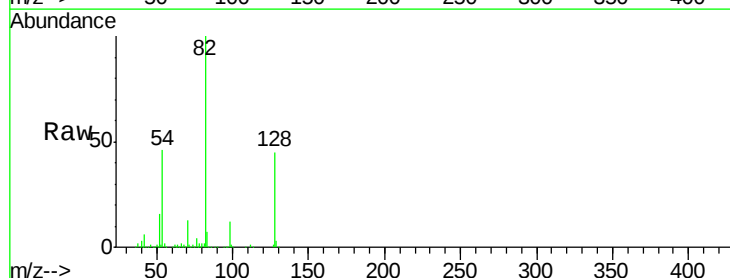
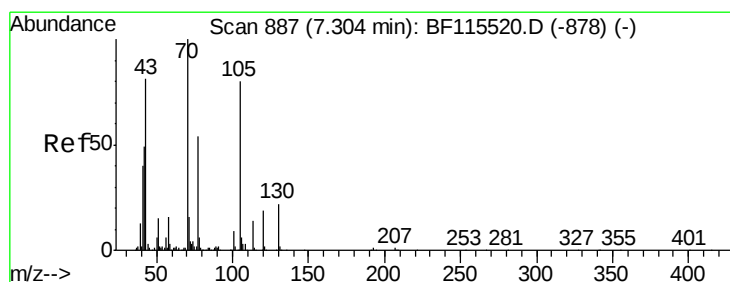
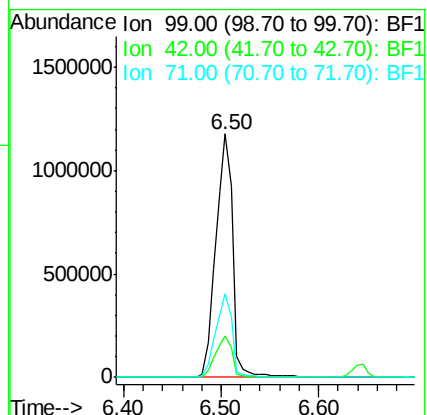
42 17.1 13.4 20.2

71 34.5 26.7 40.1

Instrument :

BNA_F

ClientSampleId :



#19

n-Nitroso-di-n-propylamine

Concen: 16.534 ng

RT: 7.43 min Scan# 908

Delta R.T. 0.14 min

Lab File: BF115822.D

Acq: 27 Jul 2019 11:22

Tgt Ion: 70 Resp: 122743

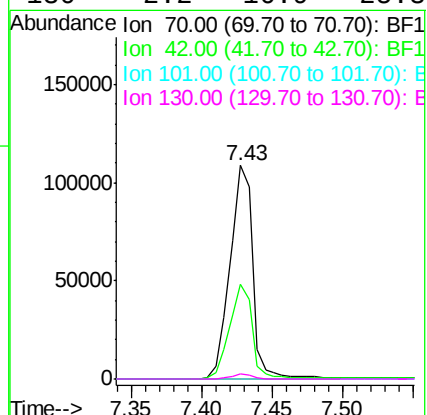
Ion Ratio Lower Upper

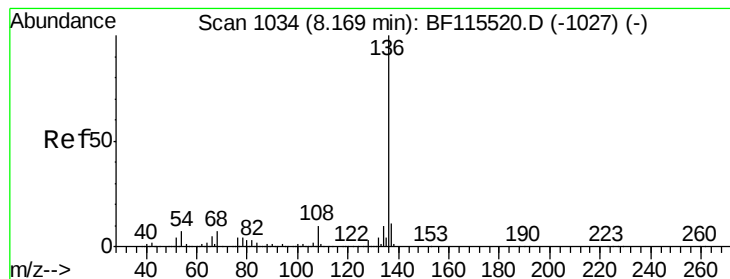
70 100

42 44.5 41.8 62.8

101 0.0 7.6 11.4#

130 2.2 16.9 25.3#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.15 min Scan# 1031

Delta R.T. -0.01 min

Lab File: BF115822.D

Acq: 27 Jul 2019 11:22

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 571355

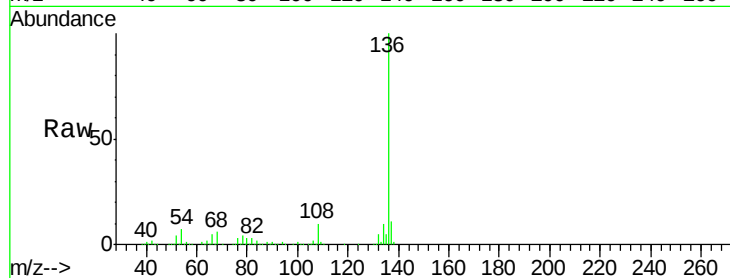
Ion Ratio Lower Upper

136 100

137 11.1 8.7 13.1

54 6.9 5.0 7.6

68 5.7 4.7 7.1

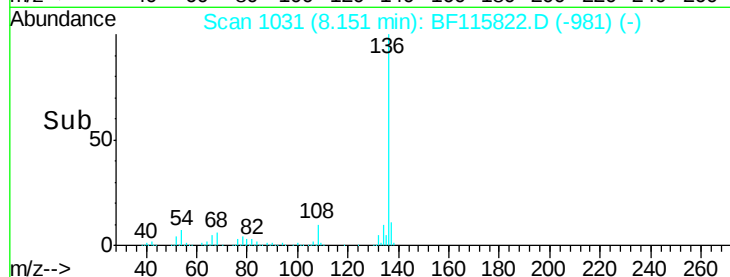


Abundance Ion 136.00 (135.70 to 136.70): E

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



Abundance

8.15

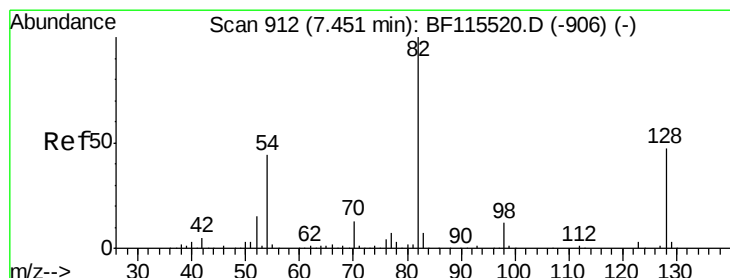
600000

400000

200000

0

Time--> 8.00 8.10 8.20 8.30 8.40



#23

Nitrobenzene-d5

Concen: 93.426 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.01 min

Lab File: BF115822.D

Acq: 27 Jul 2019 11:22

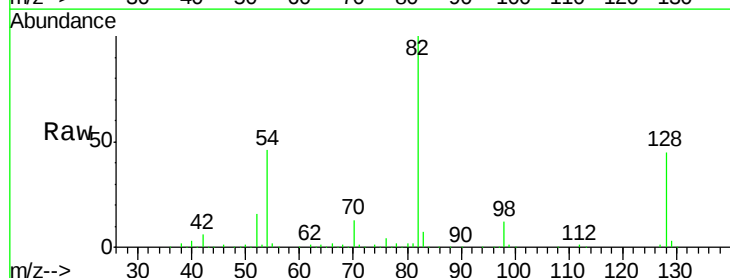
Tgt Ion: 82 Resp: 918011

Ion Ratio Lower Upper

82 100

128 44.7 36.6 55.0

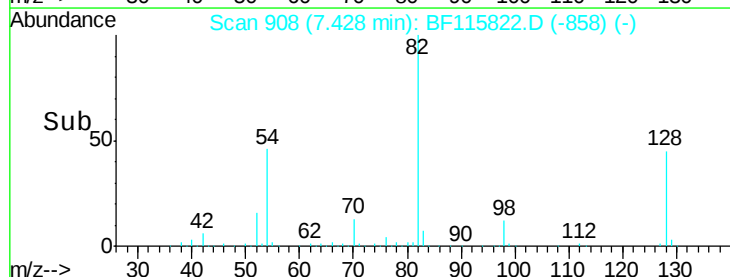
54 46.3 36.6 54.8



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



Abundance

7.43

1000000

800000

600000

400000

200000

0

Time--> 7.35 7.40 7.45 7.50 7.55



#25

Isophorone

Concen: 46.689 ng

RT: 7.43 min Scan# 908

Delta R.T. -0.26 min

Lab File: BF115822.D

Acq: 27 Jul 2019 11:22

Instrument :

BNA_F

ClientSampleId :

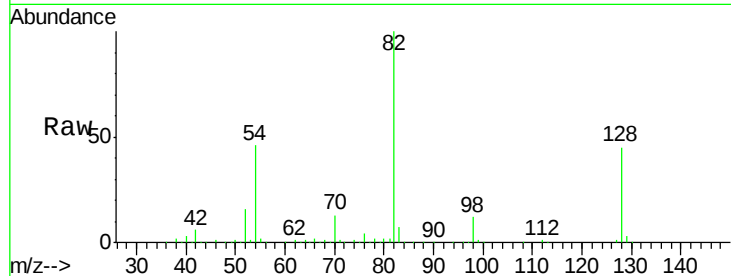
Tot Ion: 82 Resp: 918005

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

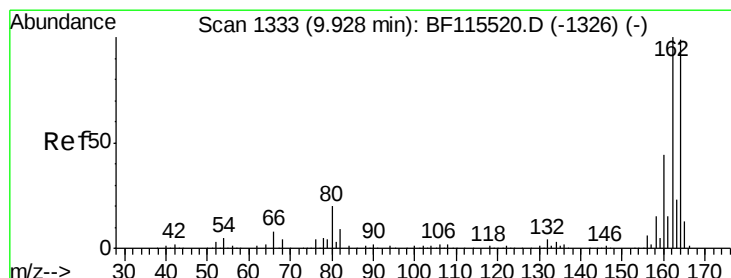
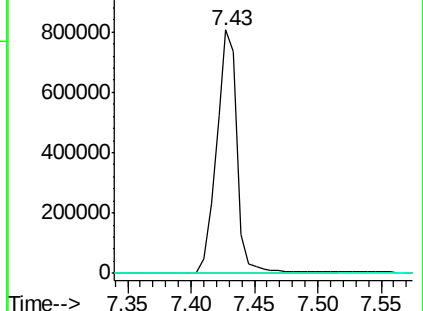
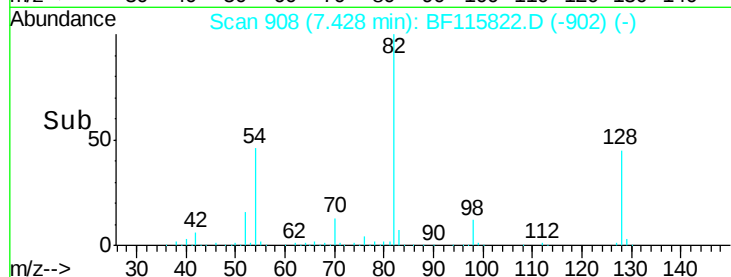
138 0.0 14.2 21.4#



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: 9.90 min Scan# 1329

Delta R.T. -0.01 min

Lab File: BF115822.D

Acq: 27 Jul 2019 11:22

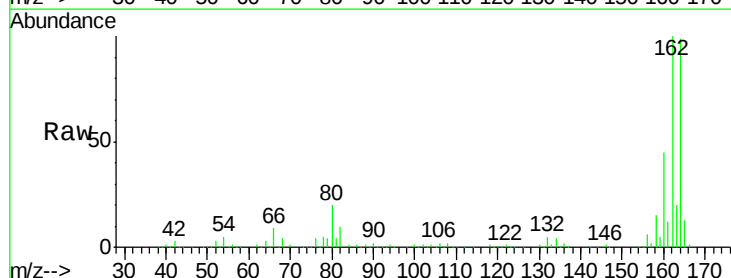
Tgt Ion: 164 Resp: 305010

Ion Ratio Lower Upper

164 100

162 101.1 81.8 122.6

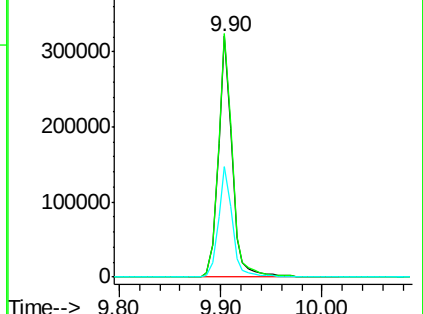
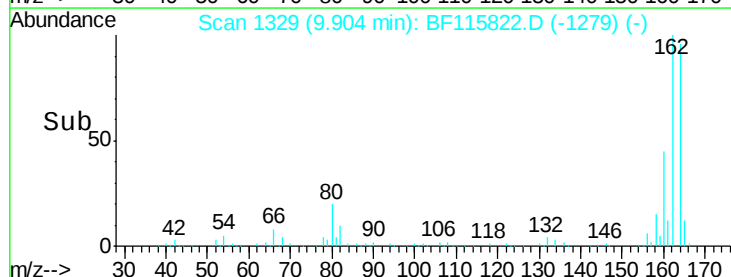
160 45.8 37.5 56.3

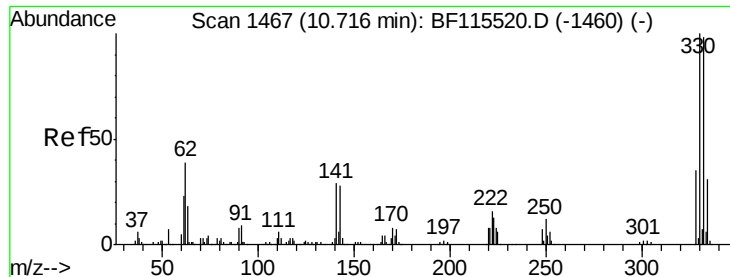


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#42

2,4,6-Tribromophenol

Concen: 80.787 ng

RT: 10.69 min Scan# 1463

Delta R.T. -0.01 min

Lab File: BF115822.D

Acq: 27 Jul 2019 11:22

Instrument :

BNA_F

ClientSampleId :

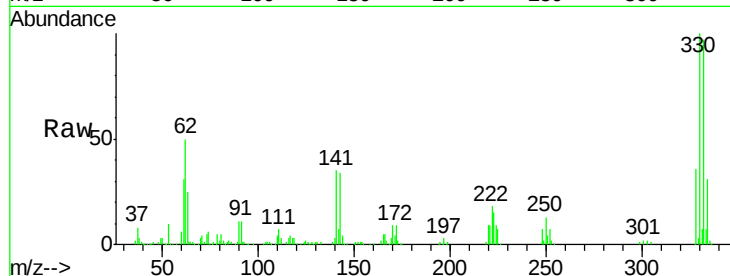
Tot Ion:330 Resp: 287619

Ion Ratio Lower Upper

330 100

332 96.8 76.1 114.1

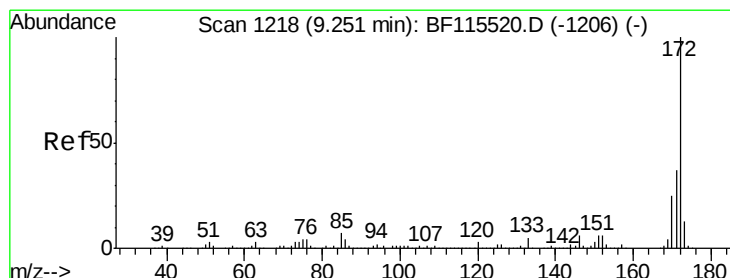
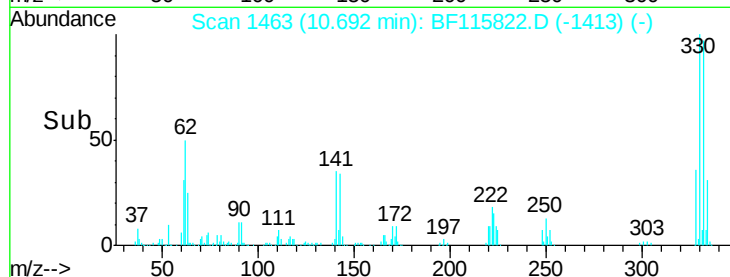
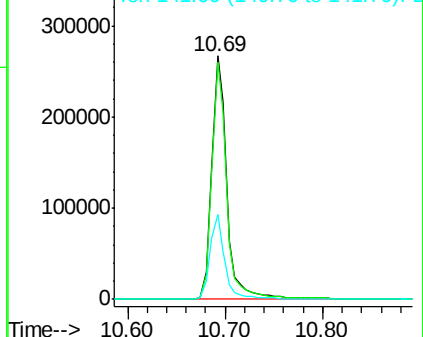
141 34.1 25.9 38.9



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: 97.526 ng

RT: 9.23 min Scan# 1214

Delta R.T. -0.01 min

Lab File: BF115822.D

Acq: 27 Jul 2019 11:22

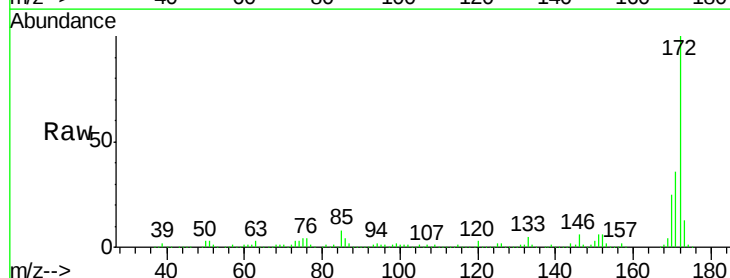
Tgt Ion:172 Resp: 1699514

Ion Ratio Lower Upper

172 100

171 36.2 29.0 43.4

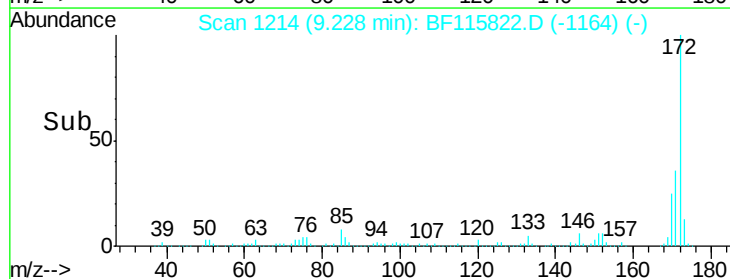
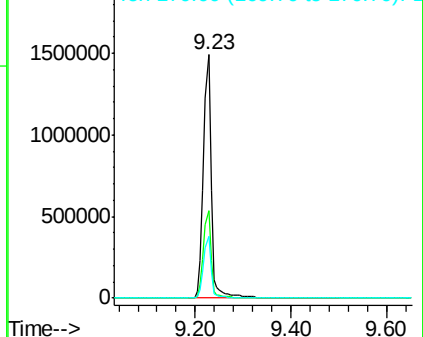
170 25.2 20.1 30.1

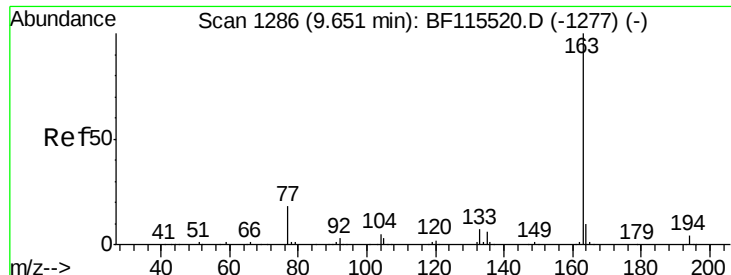


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

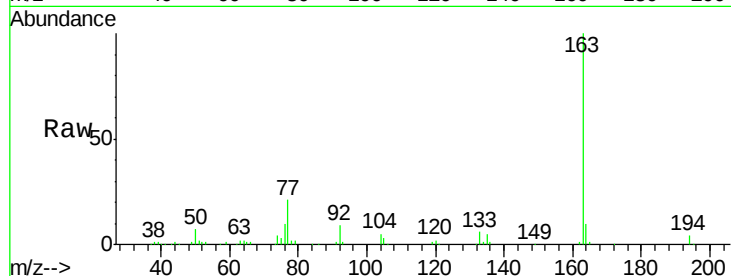




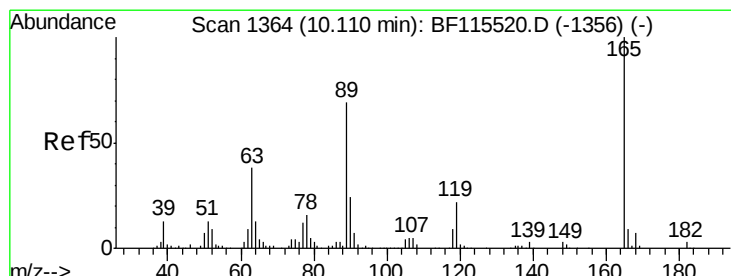
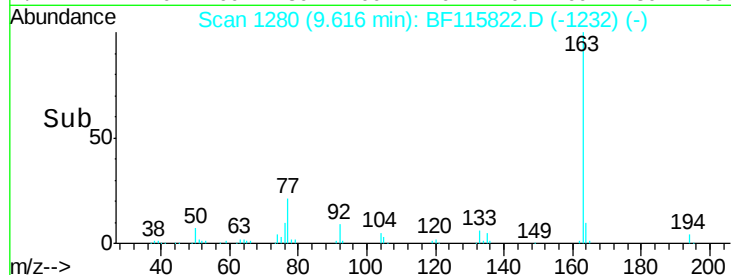
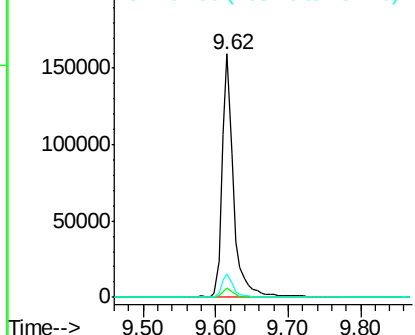
#50
Dimethylphthalate
Concen: 7.614 ng
RT: 9.62 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BF115822.D
Acq: 27 Jul 2019 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion:163 Resp: 174730
Ion Ratio Lower Upper
163 100
194 3.6 3.2 4.8
164 9.8 8.3 12.5

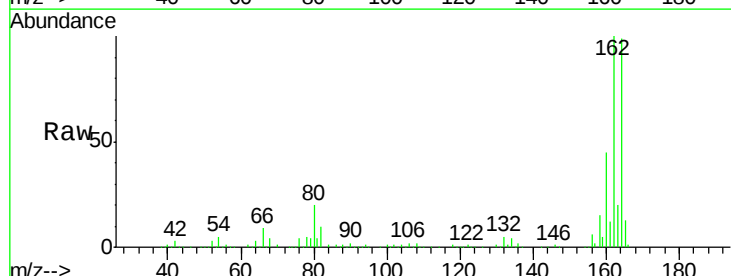


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

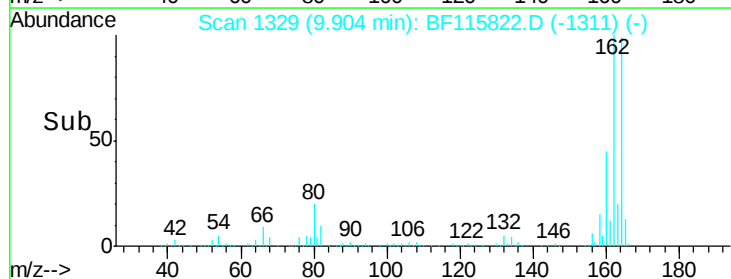
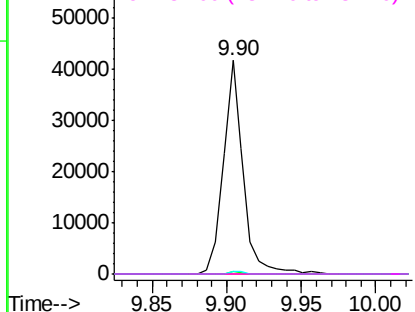


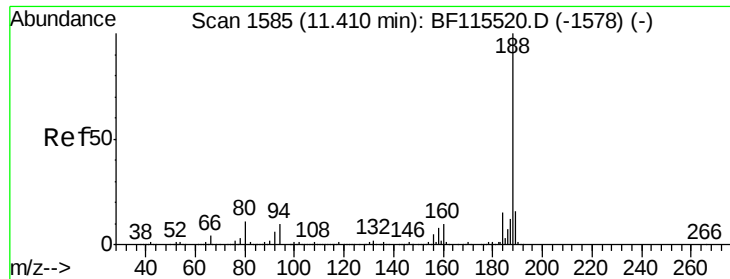
#57
2,4-Dinitrotoluene
Concen: 5.771 ng
RT: 9.90 min Scan# 1329
Delta R.T. -0.19 min
Lab File: BF115822.D
Acq: 27 Jul 2019 11:22

Tgt Ion:165 Resp: 38989
Ion Ratio Lower Upper
165 100
63 1.2 33.4 50.2#
89 1.5 57.3 85.9#
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

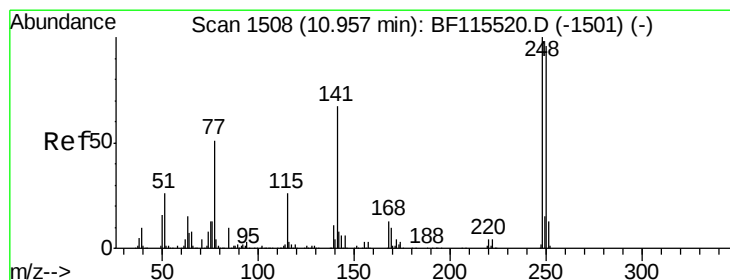
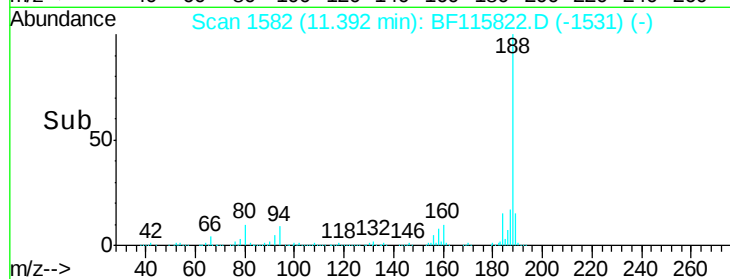
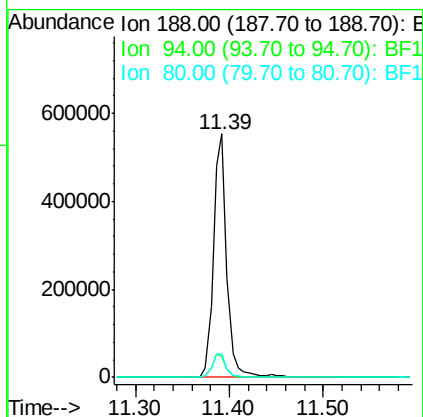
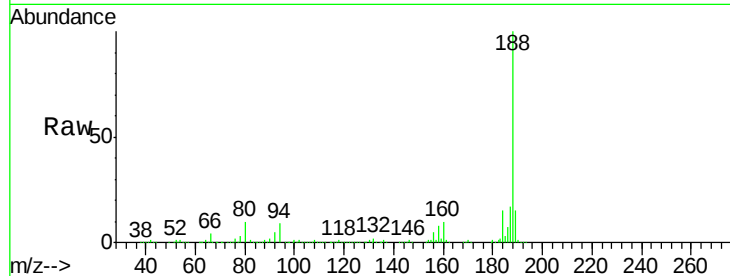




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.39 min Scan# 1582
Delta R.T. -0.00 min
Lab File: BF115822.D
Acq: 27 Jul 2019 11:22

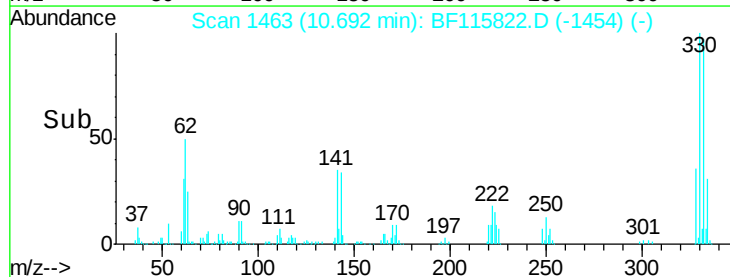
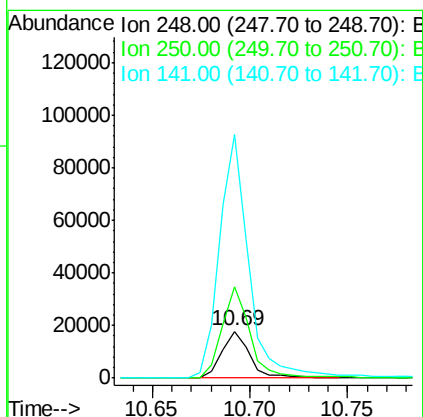
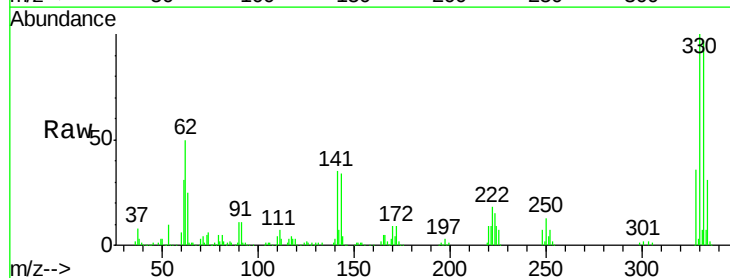
Instrument :
BNA_F
ClientSampleId :

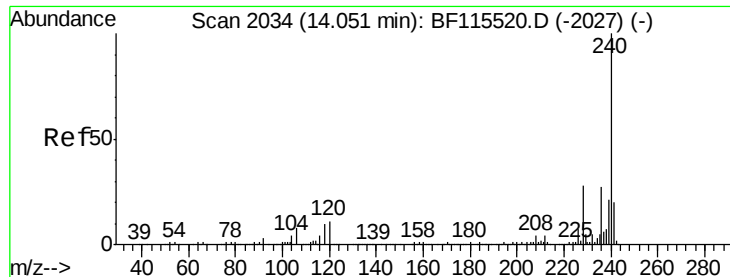
Tot Ion:188 Resp: 557235
Ion Ratio Lower Upper
188 100
94 8.8 8.2 12.2
80 9.7 9.0 13.6



#67
4-Bromophenyl-phenylether
Concen: 2.761 ng
RT: 10.69 min Scan# 1463
Delta R.T. -0.25 min
Lab File: BF115822.D
Acq: 27 Jul 2019 11:22

Tgt Ion:248 Resp: 17583
Ion Ratio Lower Upper
248 100
250 195.8 77.0 115.4#
141 522.8 52.1 78.1#

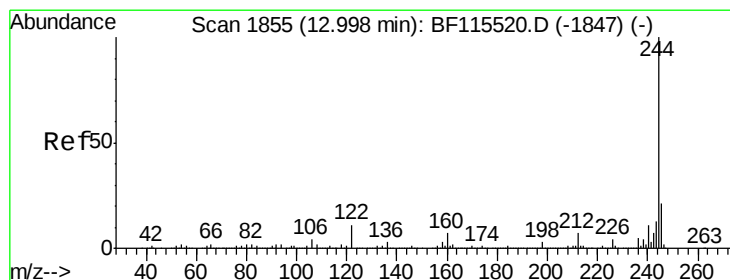
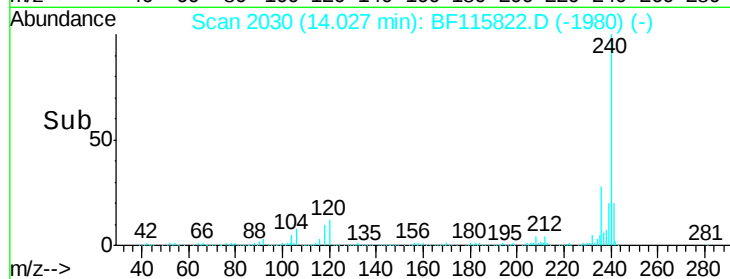
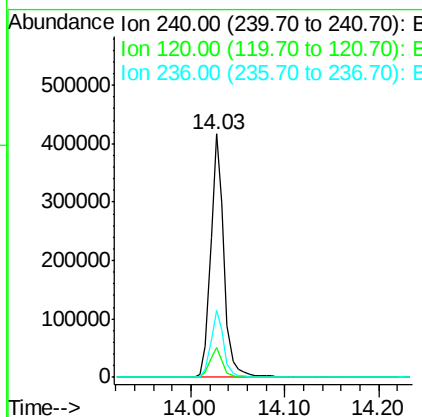
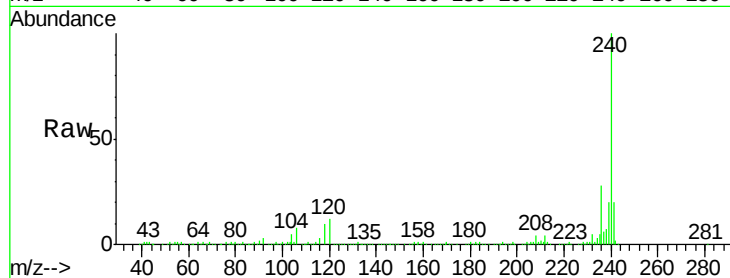




#76
Chrysene-d12
Concen: 20.000 ng
RT: 14.03 min Scan# 2030
Delta R.T. -0.01 min
Lab File: BF115822.D
Acq: 27 Jul 2019 11:22

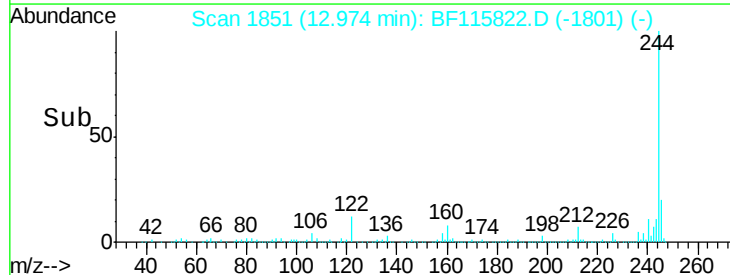
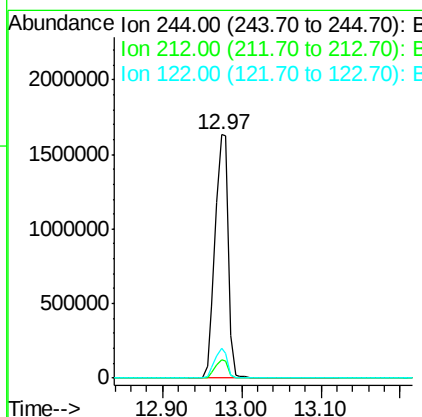
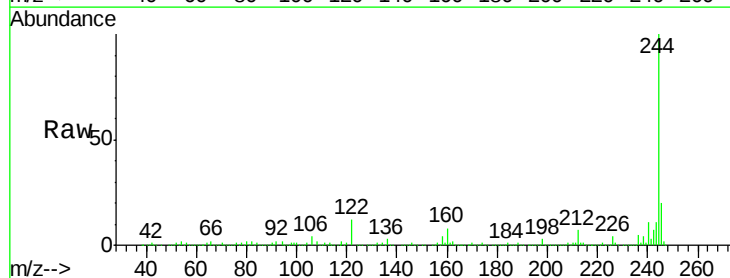
Instrument :
BNA_F
ClientSampleId :

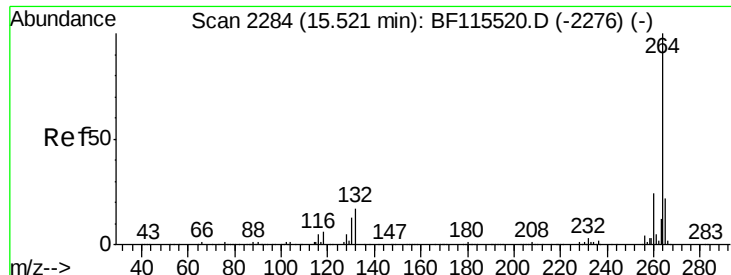
Tot Ion:240 Resp: 415227
Ion Ratio Lower Upper
240 100
120 12.1 10.0 15.0
236 27.6 21.8 32.6



#79
Terphenyl-d14
Concen: 84.374 ng
RT: 12.97 min Scan# 1851
Delta R.T. -0.01 min
Lab File: BF115822.D
Acq: 27 Jul 2019 11:22

Tgt Ion:244 Resp: 1898719
Ion Ratio Lower Upper
244 100
212 7.3 5.5 8.3
122 12.3 8.2 12.4

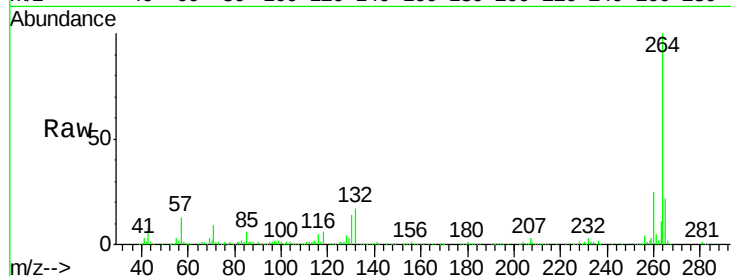




#87
Pervlene-d12
Concen: 20.000 ng
RT: 15.50 min Scan# 2280
Delta R.T. -0.00 min
Lab File: BF115822.D
Acq: 27 Jul 2019 11:22

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.9	19.8	29.6
265	21.9	17.5	26.3



Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

