

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040519\
 Data File : BF113633.D
 Acq On : 5 Apr 2019 23:45
 Operator : JU/SJ
 Sample : K2186-13RE 2X
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 06 01:06:09 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA F\METHODS\8270-BF040319.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 04 04:05:31 2019
 Response via : Initial Calibration

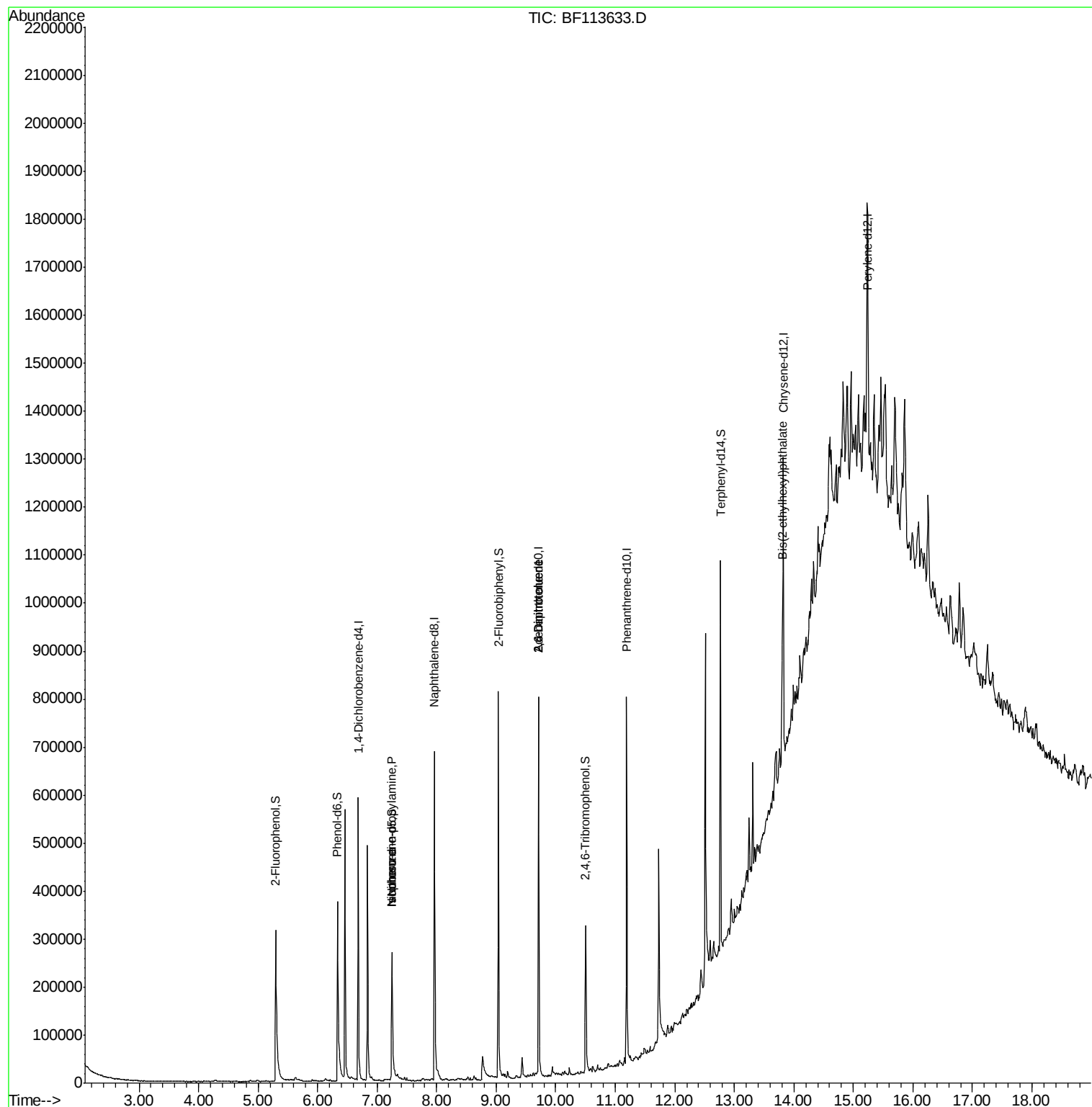
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	96295	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	353521	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	157837	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	315764	20.00	ng	-0.01
76) Chrysene-d12	13.82	240	233644	20.00	ng	-0.02
87) Perylene-d12	15.23	264	155616	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	170561	30.20	ng	0.00
7) Phenol-d6	6.33	99	223203	32.07	ng	0.00
23) Nitrobenzene-d5	7.25	82	128805	21.34	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	52166	27.51	ng	-0.01
45) 2-Fluorobiphenyl	9.03	172	269393	27.48	ng	-0.02
79) Terphenyl-d14	12.77	244	295083	25.71	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	16938	3.947	ng	# 81
25) Isophorone	7.25	82	128804	11.079	ng	# 64
51) 2,6-Dinitrotoluene	9.71	165	19996	7.797	ng	# 26
57) 2,4-Dinitrotoluene	9.71	165	19996	6.447	ng	# 23
84) Bis(2-ethylhexyl)phthalate	13.80	149	95522	10.918	ng	# 98

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

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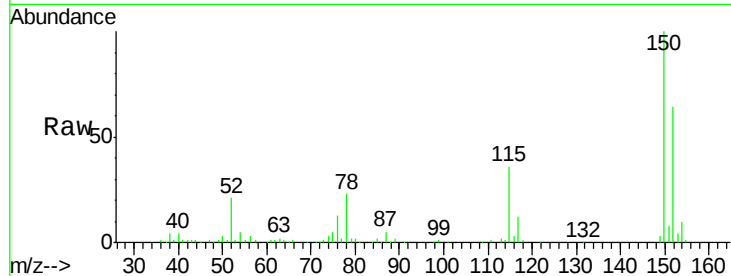




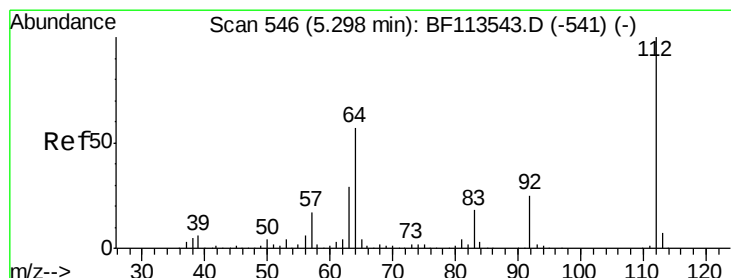
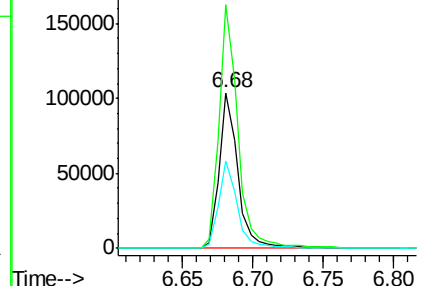
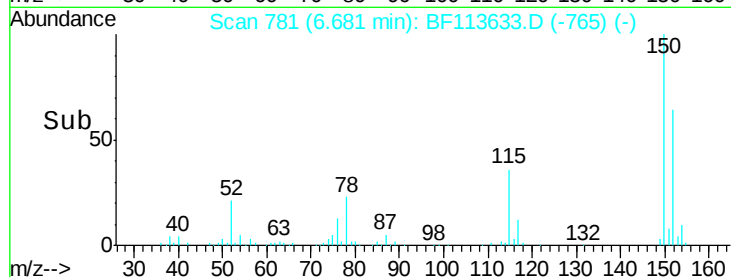
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 6.68 min Scan# 781
 Delta R.T. -0.01 min
 Lab File: BF113633.D
 Acq: 5 Apr 2019 23:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:152 Resp: 96295
 Ion Ratio Lower Upper
 152 100
 150 156.2 124.7 187.1
 115 56.5 46.0 69.0

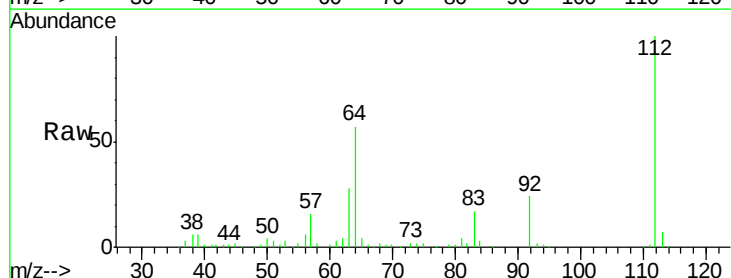


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

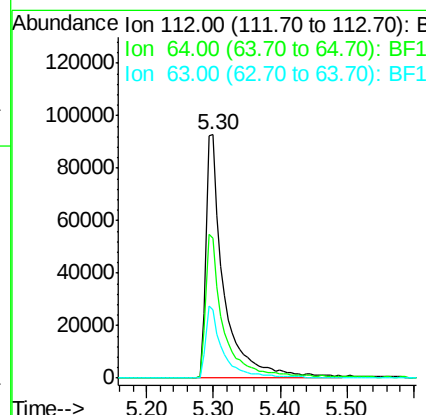
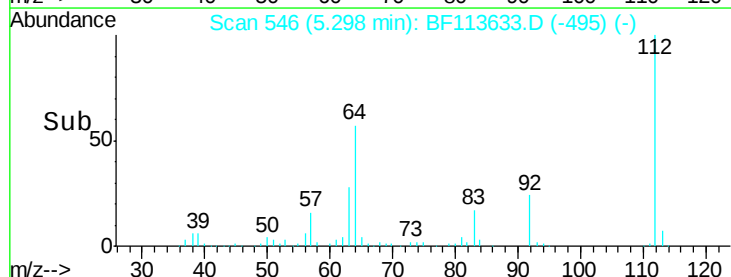


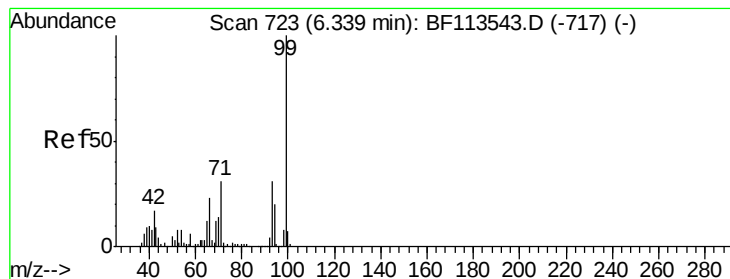
#5
 2-Fluorophenol
 Concen: 30.204 ng
 RT: 5.30 min Scan# 546
 Delta R.T. 0.00 min
 Lab File: BF113633.D
 Acq: 5 Apr 2019 23:45

Tgt Ion:112 Resp: 170561
 Ion Ratio Lower Upper
 112 100
 64 57.2 49.2 73.8
 63 28.1 24.9 37.3



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: 32.069 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113633.D

Acq: 5 Apr 2019 23:45

Instrument :

BNA_F

ClientSampled :

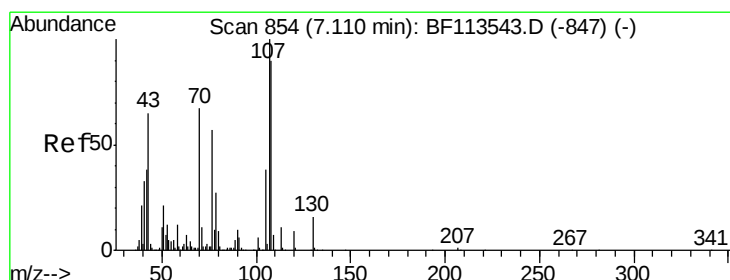
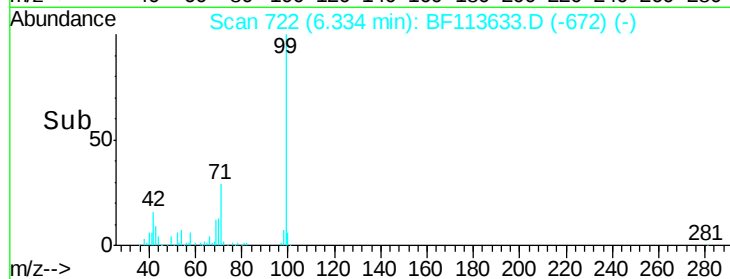
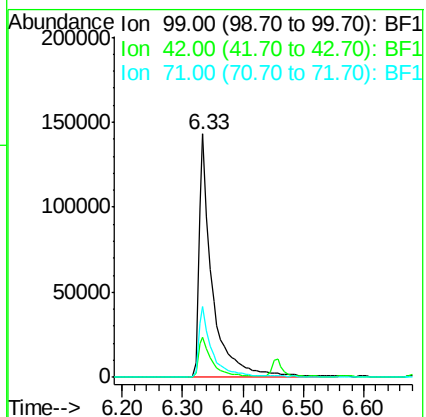
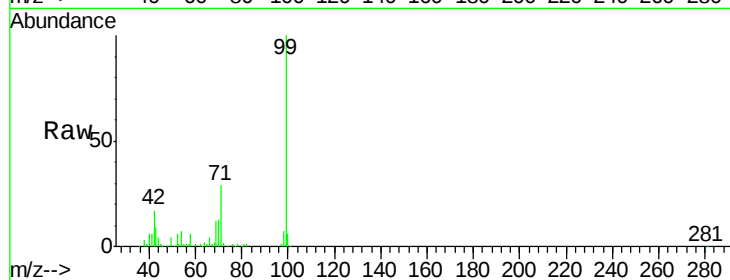
Tot Ion: 99 Resp: 223203

Ion Ratio Lower Upper

99 100

42 16.7 14.8 22.2

71 29.3 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 3.947 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113633.D

Acq: 5 Apr 2019 23:45

Tgt Ion: 70 Resp: 16938

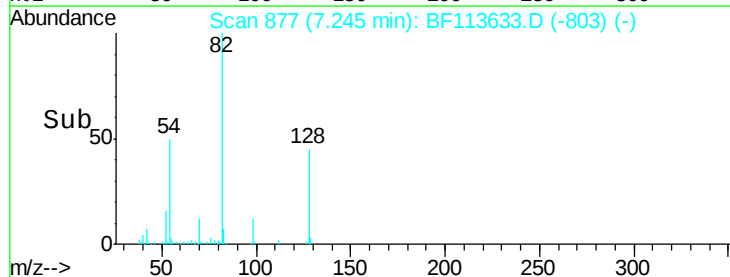
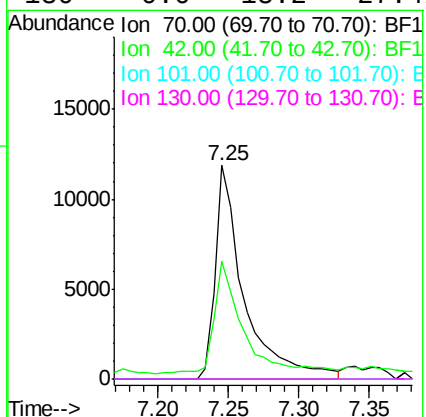
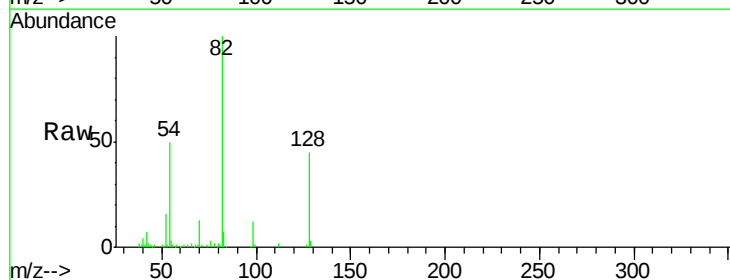
Ion Ratio Lower Upper

70 100

42 55.4 48.4 72.6

101 0.0 7.8 11.8#

130 0.0 18.2 27.4#





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 7.96 min Scan# 999

Delta R.T. -0.01 min

Lab File: BF113633.D

Acq: 5 Apr 2019 23:45

Instrument :

BNA_F

ClientSampled :

Tot Ion:136 Resp: 353521

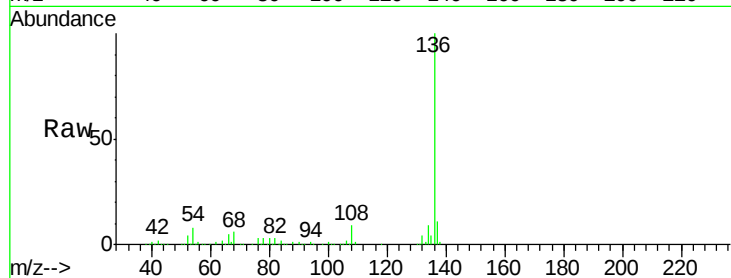
Ion Ratio Lower Upper

136 100

137 10.5 8.9 13.3

54 8.0 7.0 10.6

68 5.8 4.8 7.2

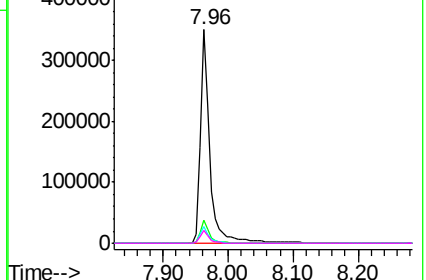
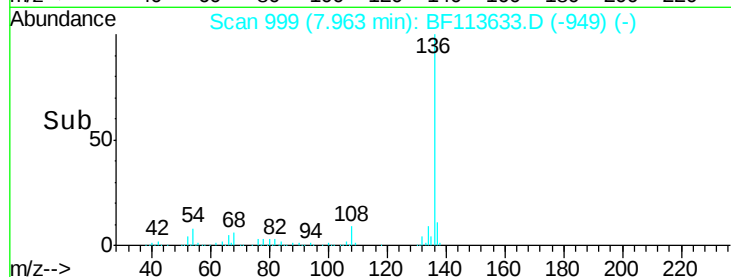


Abundance Ion 136.00 (135.70 to 136.70): E

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: 21.342 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113633.D

Acq: 5 Apr 2019 23:45

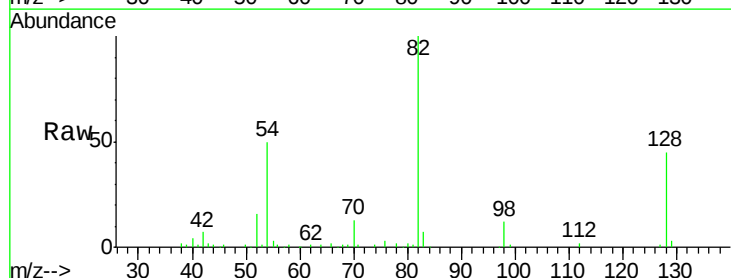
Tgt Ion: 82 Resp: 128805

Ion Ratio Lower Upper

82 100

128 44.8 36.5 54.7

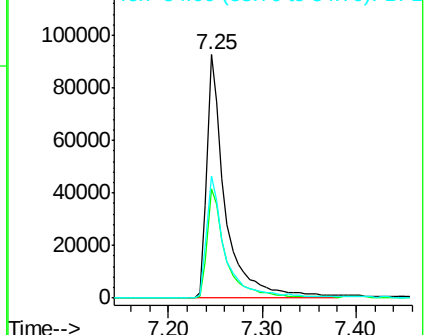
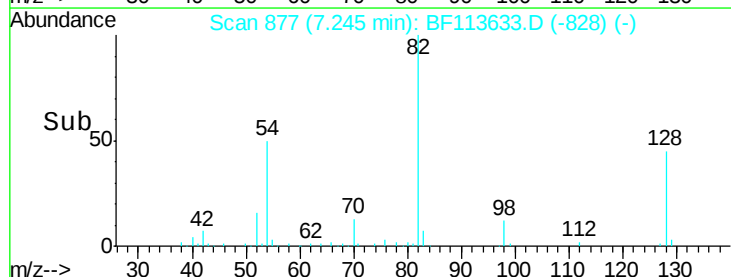
54 50.1 42.2 63.2



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

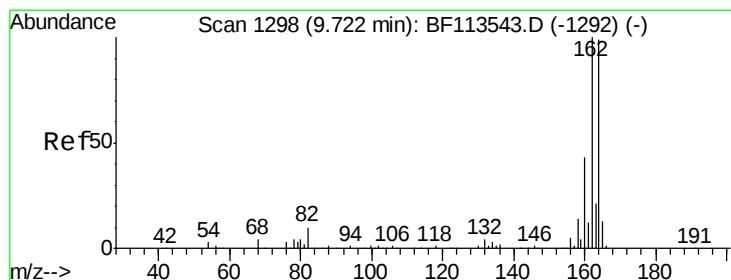
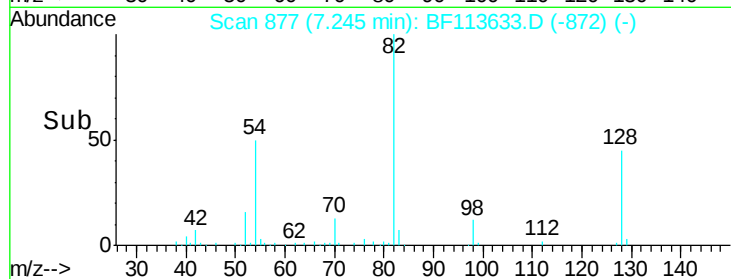
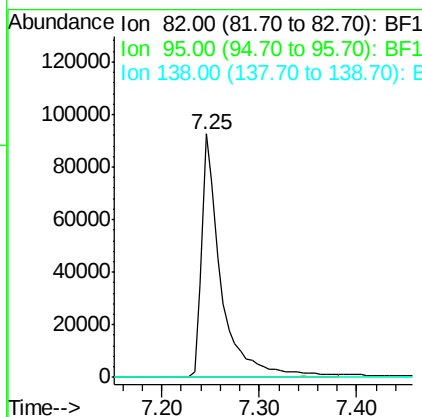
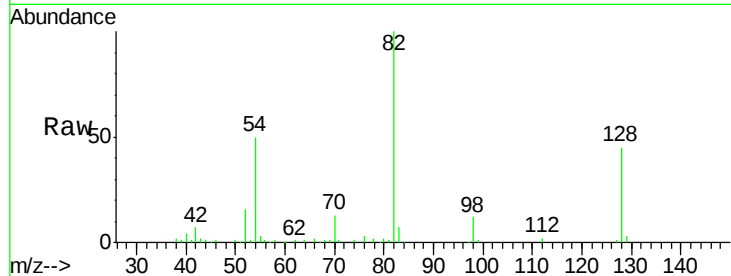




#25
Isophorone
Concen: 11.079 ng
RT: 7.25 min Scan# 877
Delta R.T. -0.27 min
Lab File: BF113633.D
Acq: 5 Apr 2019 23:45

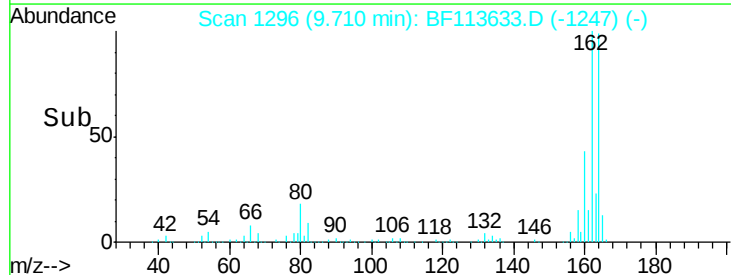
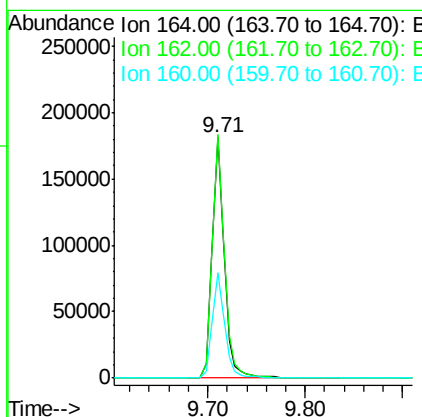
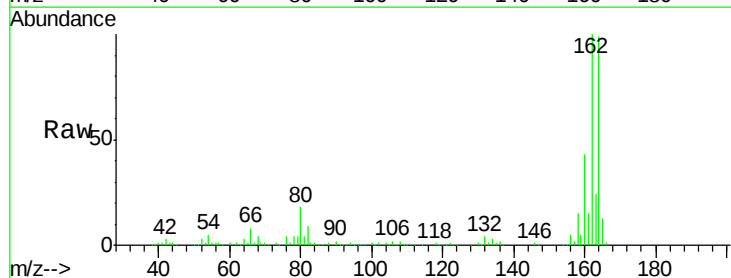
Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 128804
Ion Ratio Lower Upper
82 100
95 0.0 5.5 8.3#
138 0.0 15.2 22.8#



#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.71 min Scan# 1296
Delta R.T. -0.01 min
Lab File: BF113633.D
Acq: 5 Apr 2019 23:45

Tgt Ion:164 Resp: 157837
Ion Ratio Lower Upper
164 100
162 101.1 81.8 122.6
160 43.9 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 27.514 ng

RT: 10.50 min Scan# 1431

Delta R.T. -0.01 min

Lab File: BF113633.D

Acq: 5 Apr 2019 23:45

Instrument :

BNA_F

ClientSampleId :

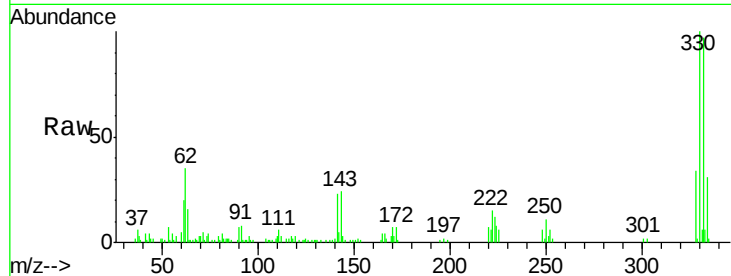
Tot Ion:330 Resp: 52166

Ion Ratio Lower Upper

330 100

332 97.9 77.8 116.6

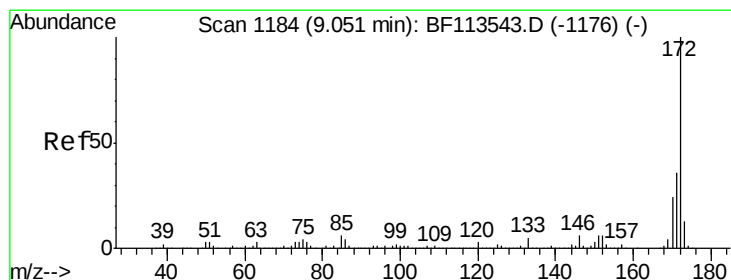
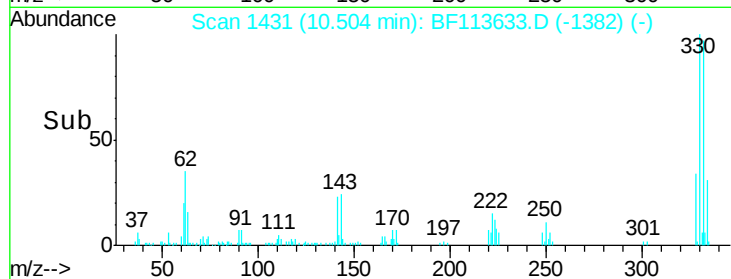
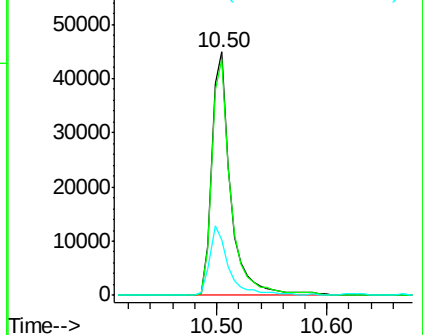
141 28.9 22.7 34.1



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: 27.477 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF113633.D

Acq: 5 Apr 2019 23:45

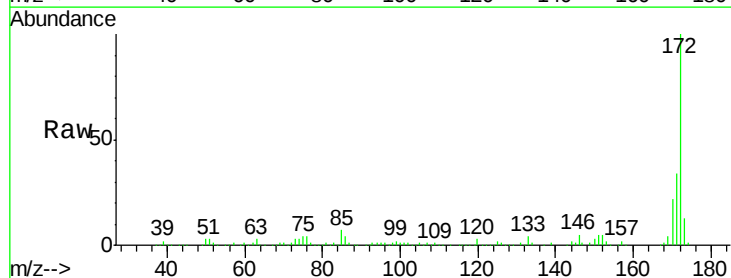
Tgt Ion:172 Resp: 269393

Ion Ratio Lower Upper

172 100

171 34.2 29.0 43.6

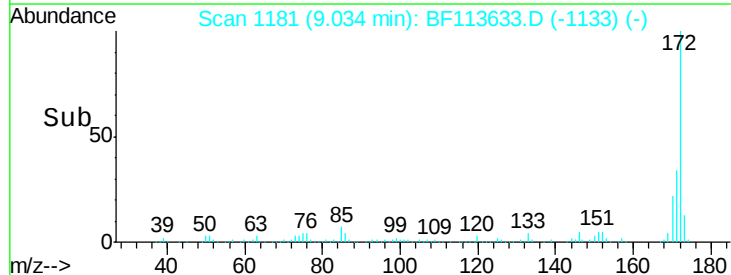
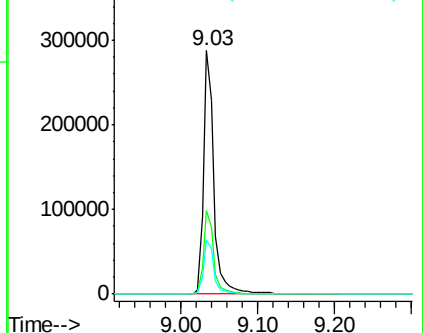
170 22.4 19.5 29.3

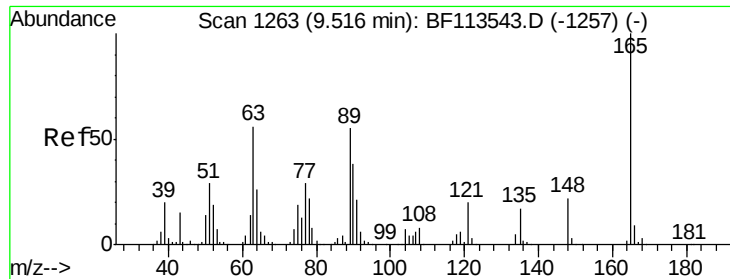


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

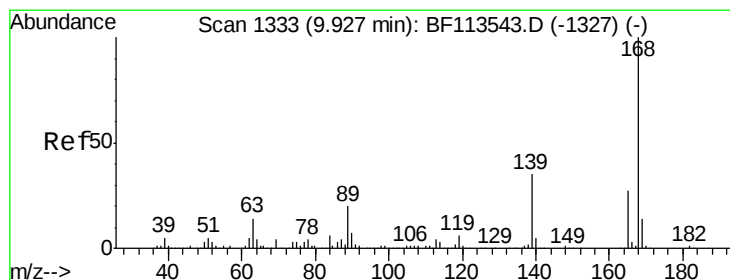
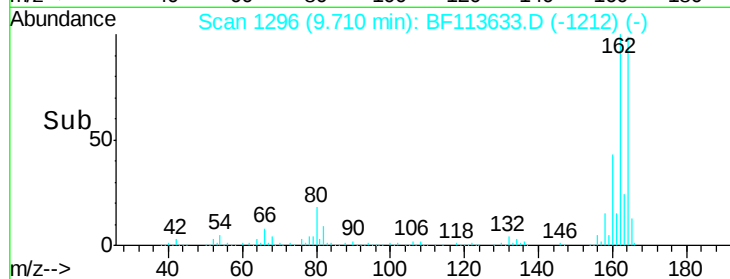
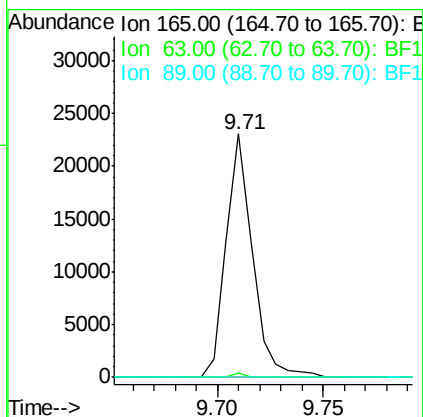
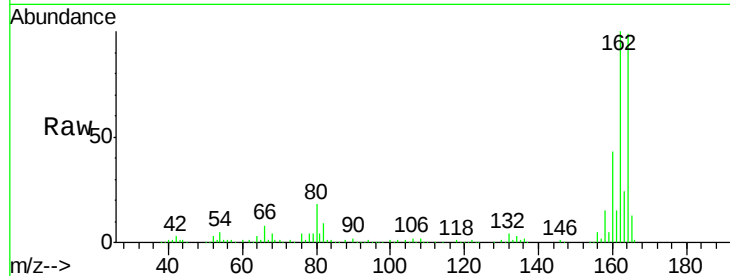




#51
 2,6-Dinitrotoluene
 Concen: 7.797 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. 0.19 min
 Lab File: BF113633.D
 Acq: 5 Apr 2019 23:45

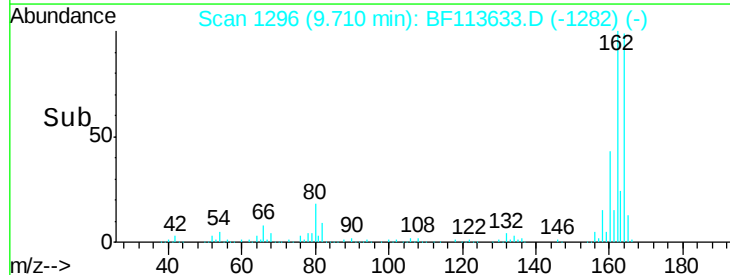
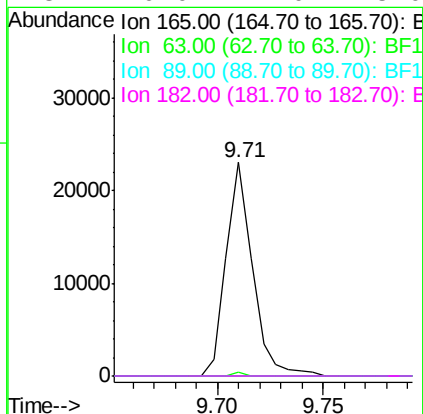
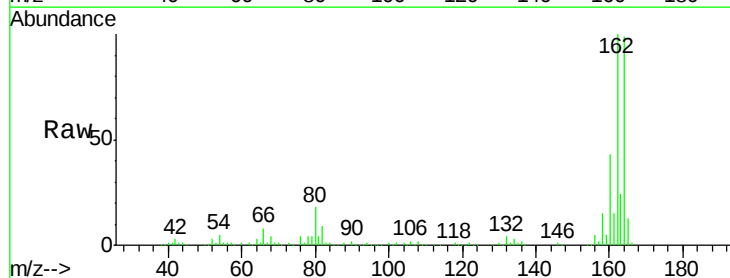
Instrument :
 BNA_F
 ClientSampleId :

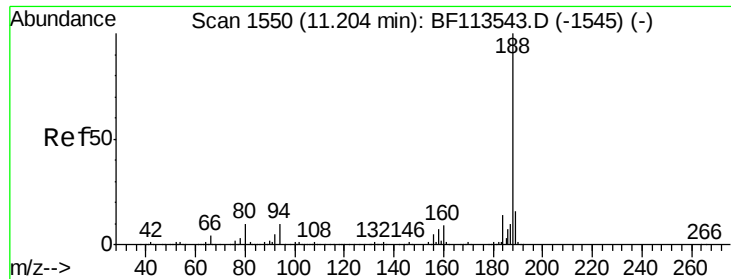
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.7	43.4	65.0#
89	0.0	43.1	64.7#



#57
 2,4-Dinitrotoluene
 Concen: 6.447 ng
 RT: 9.71 min Scan# 1296
 Delta R.T. -0.22 min
 Lab File: BF113633.D
 Acq: 5 Apr 2019 23:45

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	37.5	56.3#
89	0.0	57.4	86.2#
182	0.0	2.0	3.0#

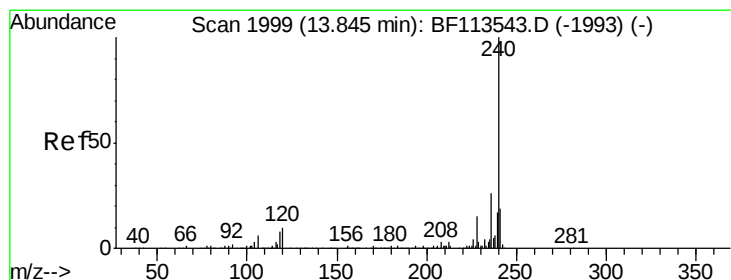
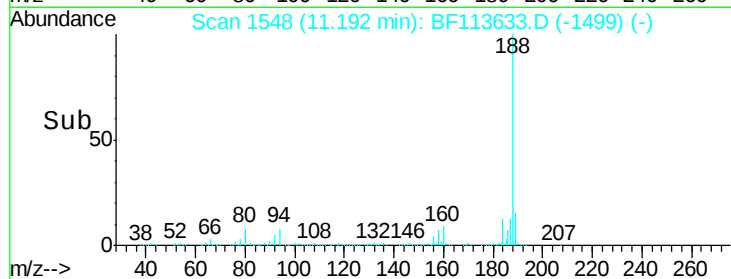
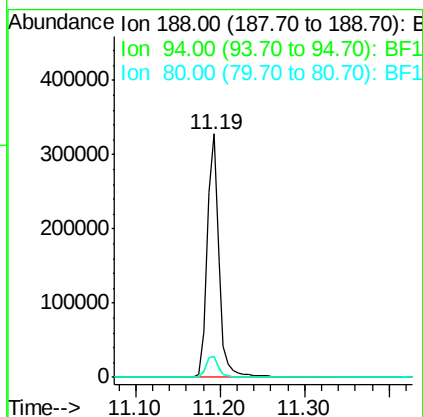
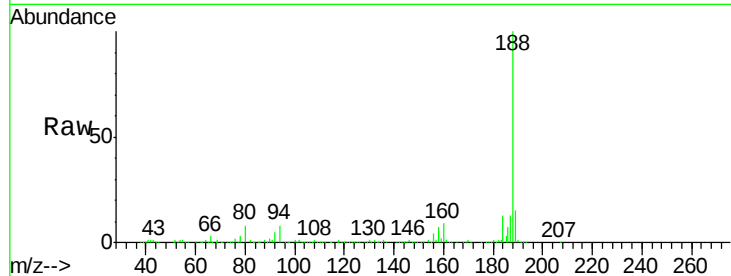




#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 11.19 min Scan# 1548
Delta R.T. -0.01 min
Lab File: BF113633.D
Acq: 5 Apr 2019 23:45

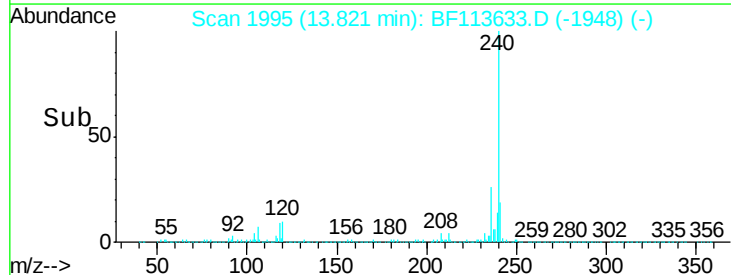
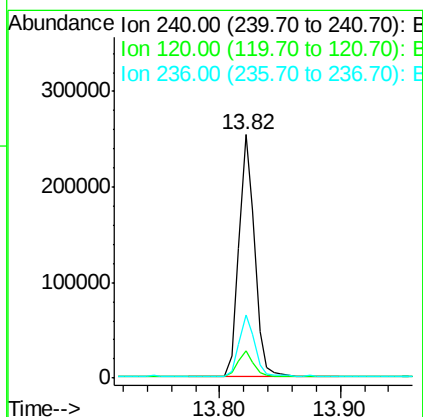
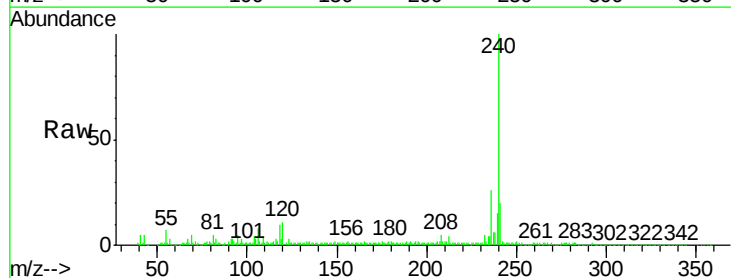
Instrument :
BNA_F
ClientSampleId :

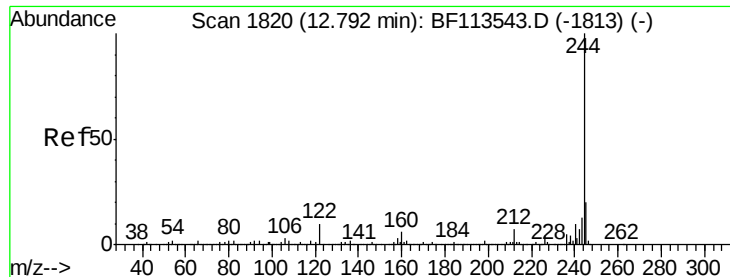
Tot Ion:188 Resp: 315764
Ion Ratio Lower Upper
188 100
94 8.4 7.0 10.6
80 8.3 7.7 11.5



#76
Chrysene-d12
Concen: 20.000 ng
RT: 13.82 min Scan# 1995
Delta R.T. -0.02 min
Lab File: BF113633.D
Acq: 5 Apr 2019 23:45

Tgt Ion:240 Resp: 233644
Ion Ratio Lower Upper
240 100
120 11.0 8.8 13.2
236 25.9 20.9 31.3





#79

Terphenyl-d14

Concen: 25.714 ng

RT: 12.77 min Scan# 1816

Delta R.T. -0.02 min

Lab File: BF113633.D

Acq: 5 Apr 2019 23:45

Instrument :

BNA_F

ClientSampleId :

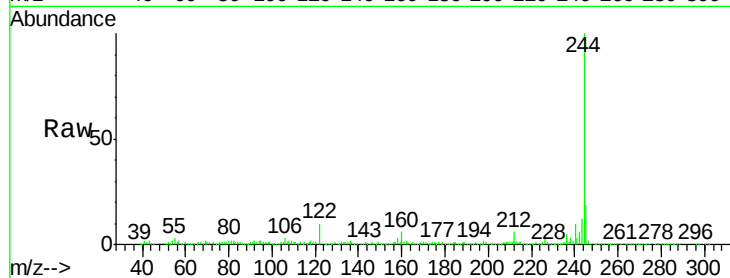
Tot Ion:244 Resp: 295083

Ion Ratio Lower Upper

244 100

212 6.3 5.5 8.3

122 9.8 8.6 13.0

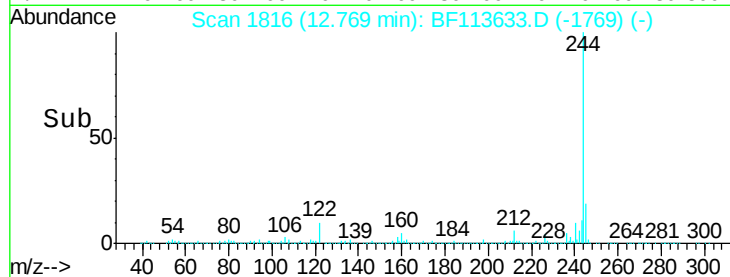


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

Time-->



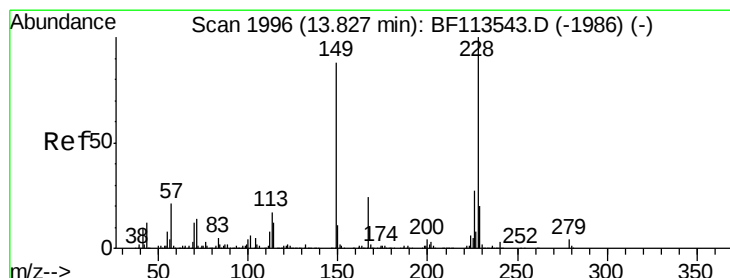
Abundance

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

Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 10.918 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BF113633.D

Acq: 5 Apr 2019 23:45

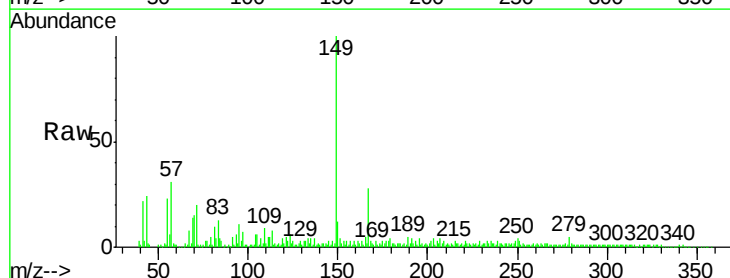
Tgt Ion:149 Resp: 95522

Ion Ratio Lower Upper

149 100

167 28.4 21.8 32.8

279 5.2 2.9 4.3#

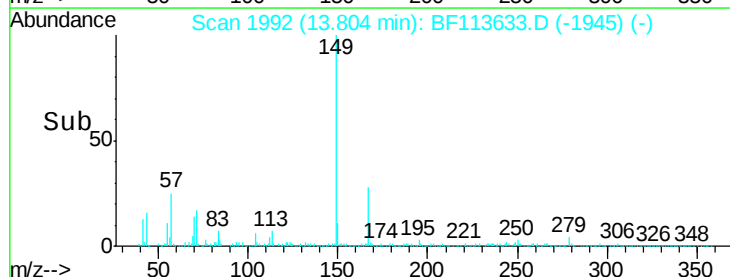


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

Time-->



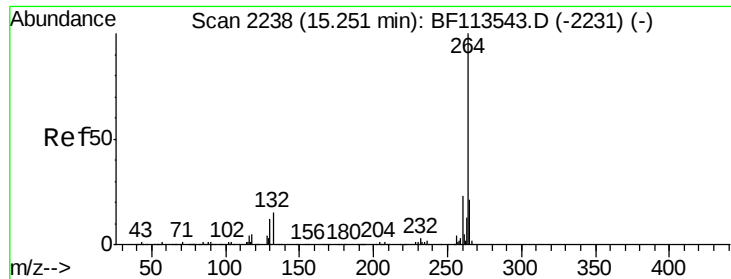
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E

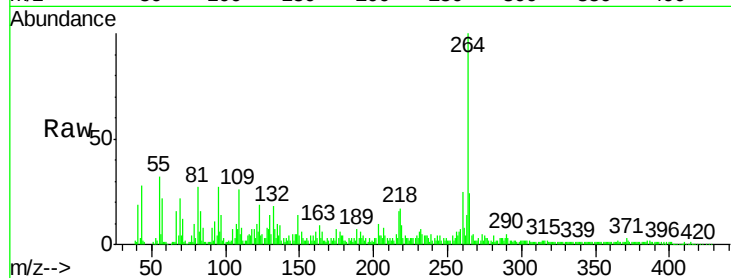
Time-->



#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 15.23 min Scan# 2235
 Delta R.T. -0.02 min
 Lab File: BF113633.D
 Acq: 5 Apr 2019 23:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.4	19.1	28.7
265	23.9	17.1	25.7



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

