

Data Path : Z:\SVOASRV\HPCHEM1\BNA F\DATA\BF040919\
 Data File : BF113662.D
 Acq On : 9 Apr 2019 15:37
 Operator : JU/SJ
 Sample : K2316-08
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Apr 10 02:24:18 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

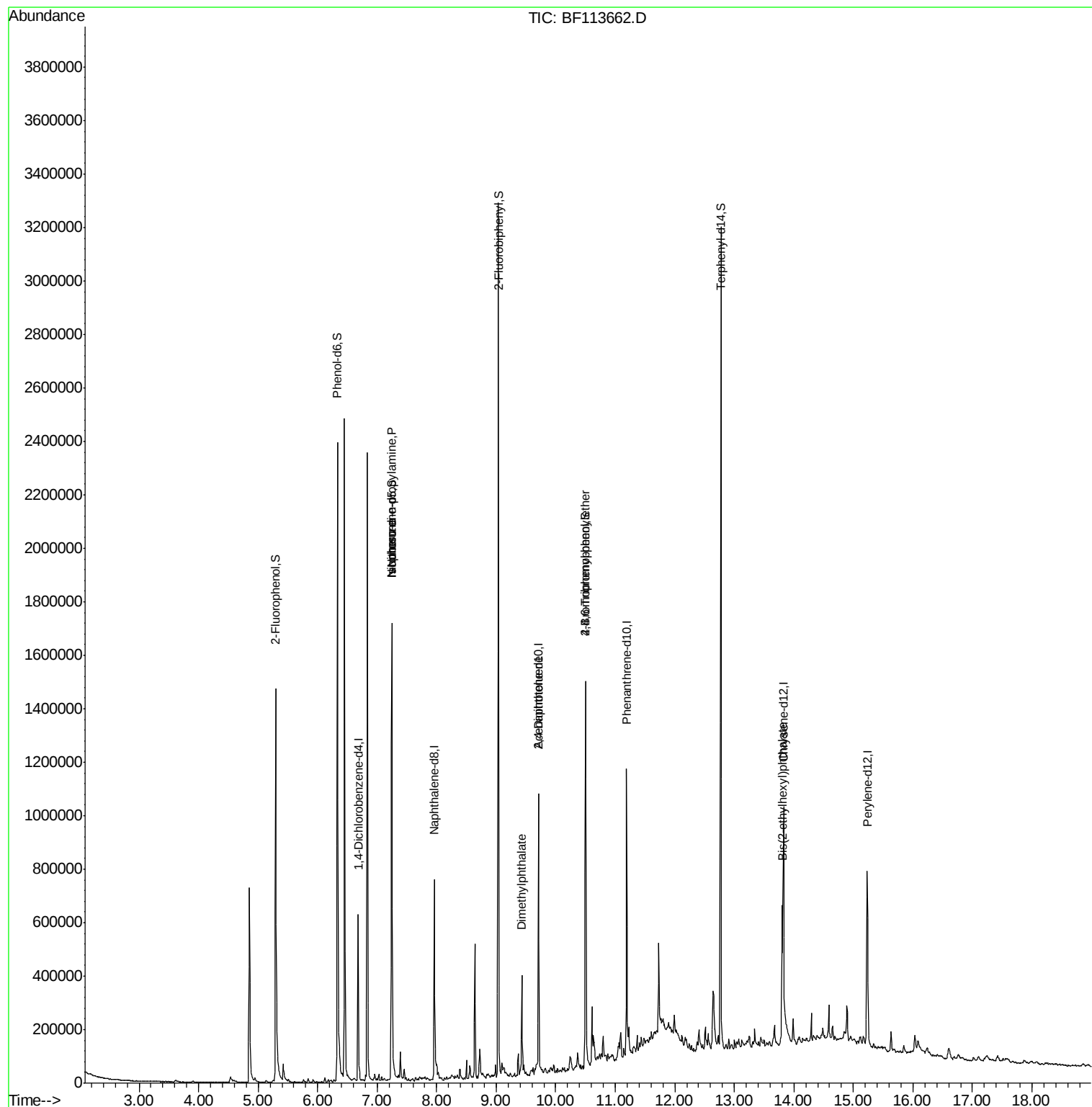
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	106214	20.00	ng	0.00
21) Naphthalene-d8	7.96	136	402832	20.00	ng	0.00
39) Acenaphthene-d10	9.71	164	197953	20.00	ng	-0.01
64) Phenanthrene-d10	11.19	188	403054	20.00	ng	-0.01
76) Chrysene-d12	13.83	240	306157	20.00	ng	-0.02
87) Perylene-d12	15.23	264	291342	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	556194	89.30	ng	0.00
7) Phenol-d6	6.33	99	976963	127.26	ng	0.00
23) Nitrobenzene-d5	7.25	82	569527	82.81	ng	-0.01
42) 2,4,6-Tribromophenol	10.50	330	211383	88.89	ng	-0.02
45) 2-Fluorobiphenyl	9.03	172	1022020	83.12	ng	-0.02
79) Terphenyl-d14	12.77	244	1123280	74.70	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	74019	15.636	ng	# 75
25) Isophorone	7.25	82	569519	42.989	ng	# 64
50) Dimethylphthalate	9.43	163	152821	10.473	ng	99
57) 2,4-Dinitrotoluene	9.71	165	25255	6.492	ng	# 24
67) 4-Bromophenyl-phenylether	10.50	248	11918	2.636	ng	# 1
84) Bis(2-ethylhexyl)phthalate	13.80	149	139784	12.192	ng	99

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

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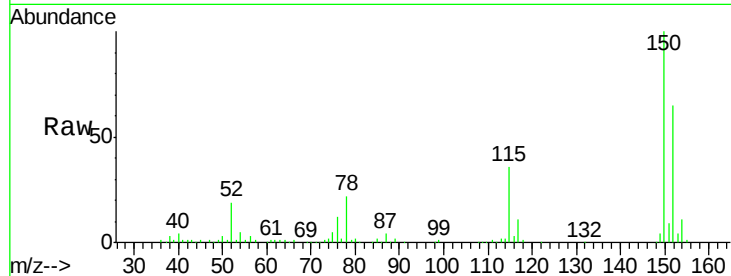


#1

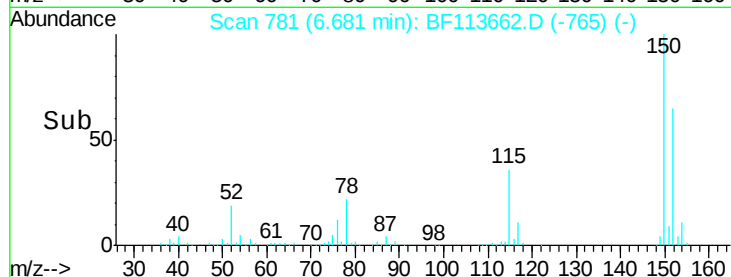
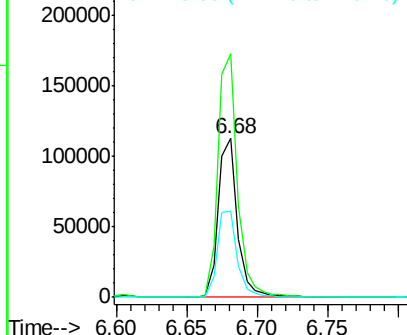
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.68 min Scan# 781
Delta R.T. -0.01 min
Lab File: BF113662.D
Acq: 9 Apr 2019 15:37

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 106214
Ion Ratio Lower Upper
152 100
150 153.2 124.7 187.1
115 54.4 46.0 69.0



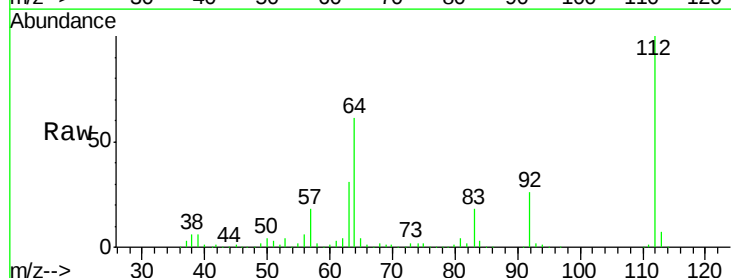
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



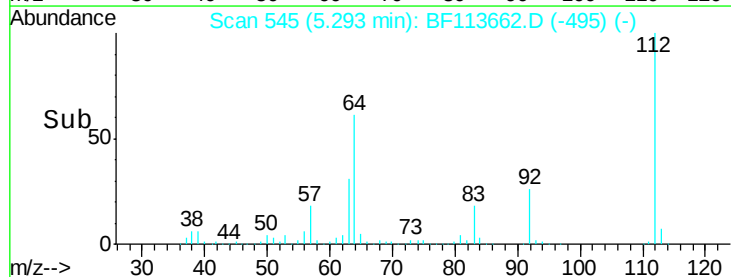
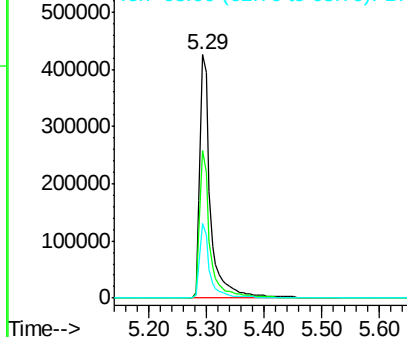
#5

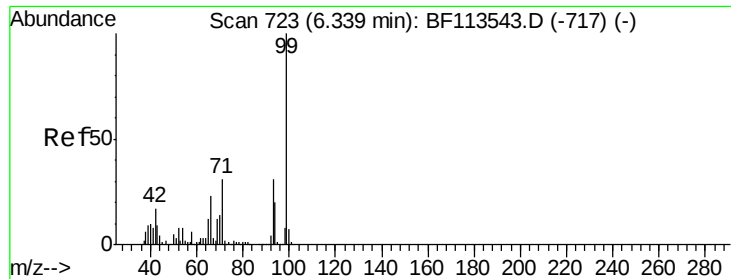
2-Fluorophenol
Concen: 89.295 ng
RT: 5.29 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF113662.D
Acq: 9 Apr 2019 15:37

Tgt Ion:112 Resp: 556194
Ion Ratio Lower Upper
112 100
64 60.6 49.2 73.8
63 30.8 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: 127.260 ng

RT: 6.33 min Scan# 722

Delta R.T. -0.01 min

Lab File: BF113662.D

Acq: 9 Apr 2019 15:37

Instrument :

BNA_F

ClientSampleId :

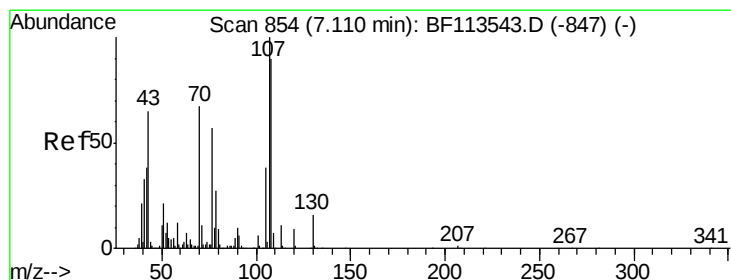
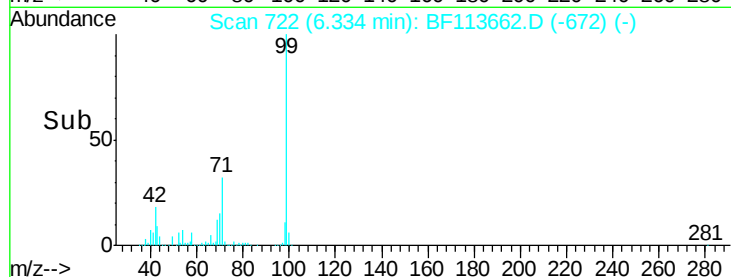
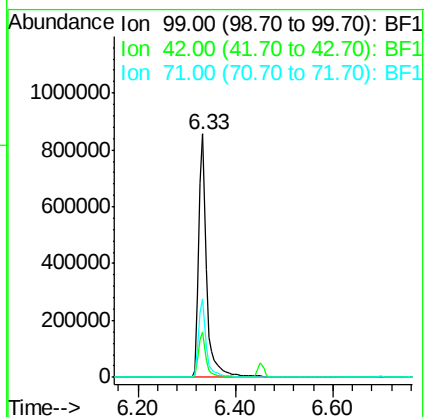
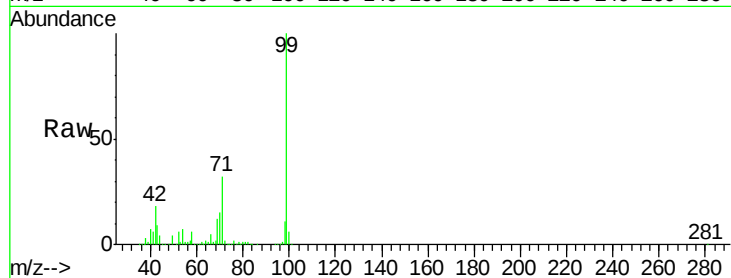
Tot Ion: 99 Resp: 976963

Ion Ratio Lower Upper

99 100

42 18.4 14.8 22.2

71 32.0 24.9 37.3



#19

n-Nitroso-di-n-propylamine

Concen: 15.636 ng

RT: 7.25 min Scan# 877

Delta R.T. 0.14 min

Lab File: BF113662.D

Acq: 9 Apr 2019 15:37

Tgt Ion: 70 Resp: 74019

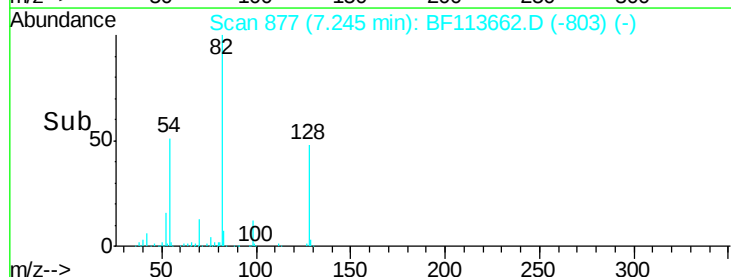
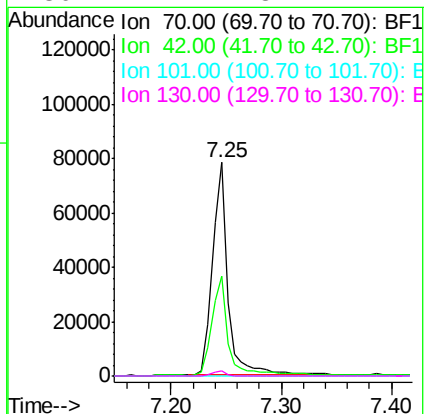
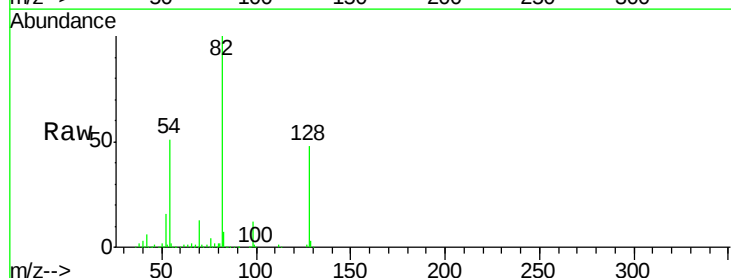
Ion Ratio Lower Upper

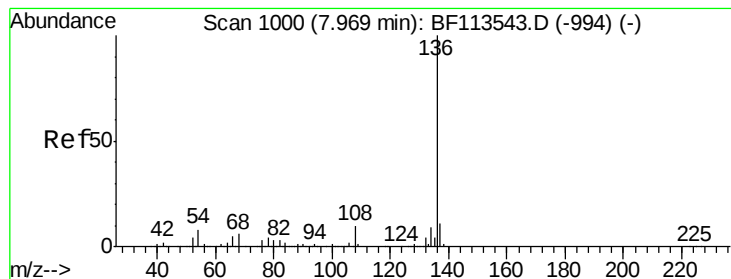
70 100

42 47.0 48.4 72.6#

101 0.0 7.8 11.8#

130 2.4 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: BF113662.D

Acq: 9 Apr 2019 15:37

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 402832

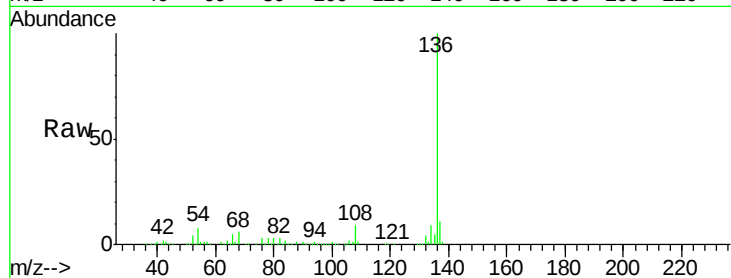
Ion Ratio Lower Upper

136 100

137 10.7 8.9 13.3

54 7.6 7.0 10.6

68 5.7 4.8 7.2

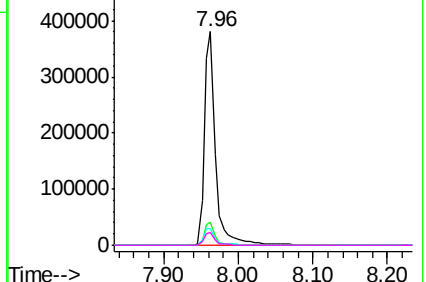
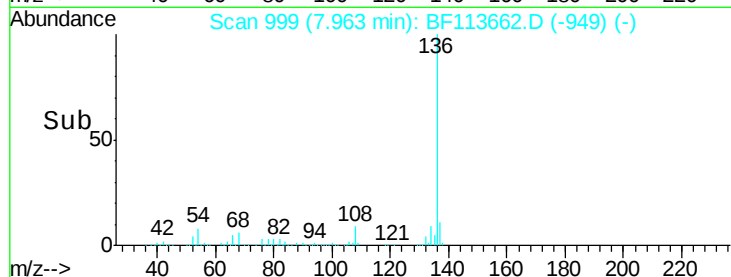


Abundance Ion 136.00 (135.70 to 136.70): E

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: 82.814 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.01 min

Lab File: BF113662.D

Acq: 9 Apr 2019 15:37

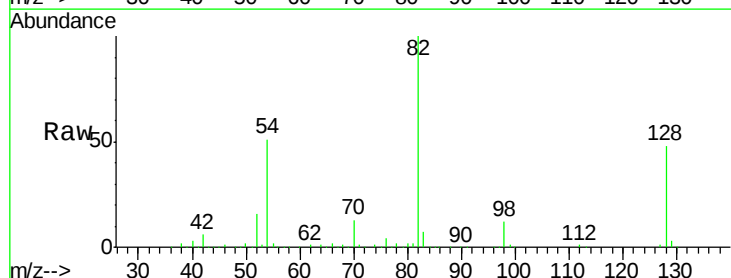
Tgt Ion: 82 Resp: 569527

Ion Ratio Lower Upper

82 100

128 47.9 36.5 54.7

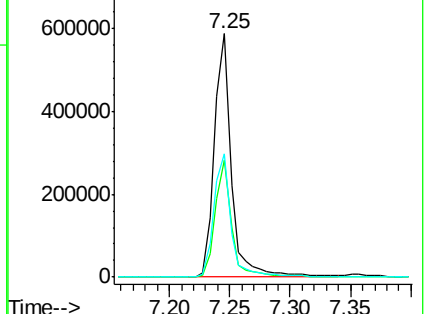
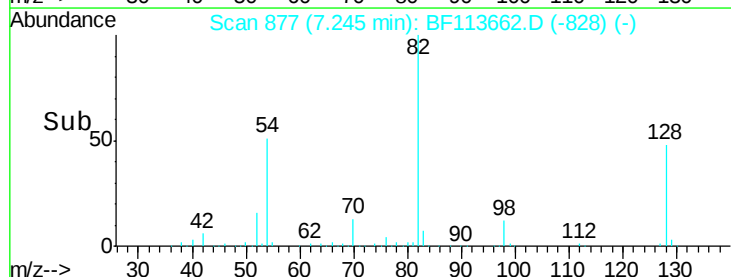
54 50.9 42.2 63.2

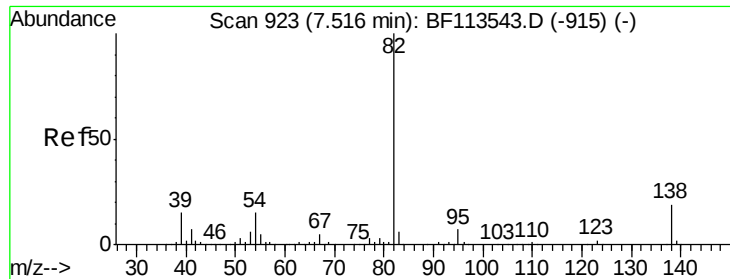


Abundance Ion 82.00 (81.70 to 82.70): BF1

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF1





#25

Isophorone

Concen: 42.989 ng

RT: 7.25 min Scan# 877

Delta R.T. -0.27 min

Lab File: BF113662.D

Acq: 9 Apr 2019 15:37

Instrument :

BNA_F

ClientSampleId :

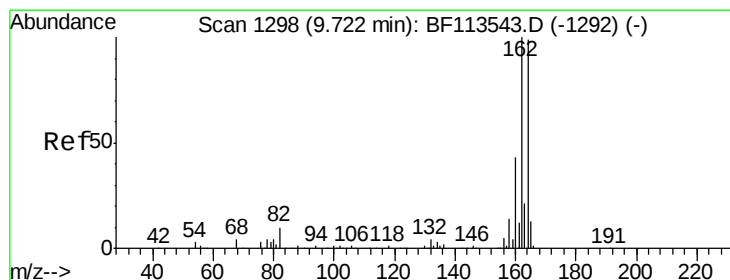
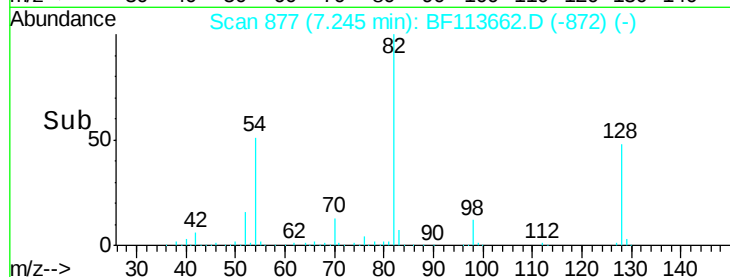
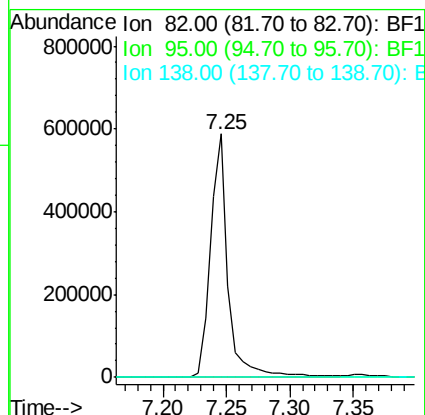
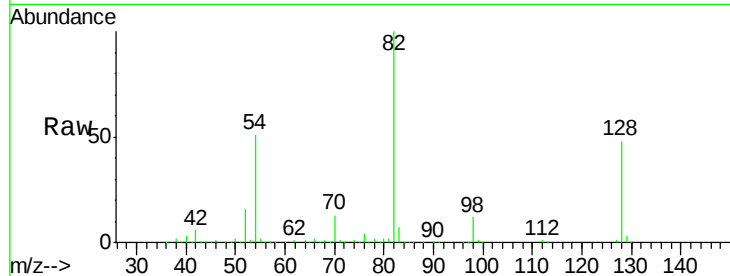
Tot Ion: 82 Resp: 569519

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: BF113662.D

Acq: 9 Apr 2019 15:37

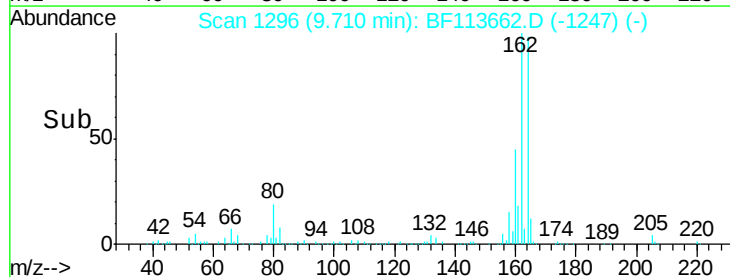
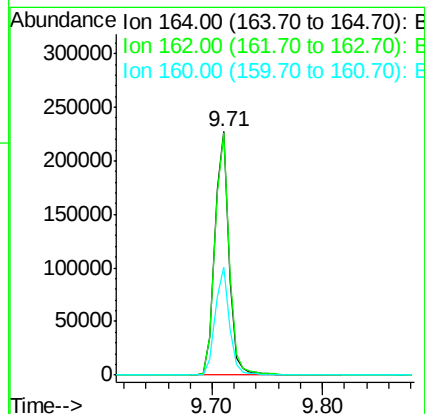
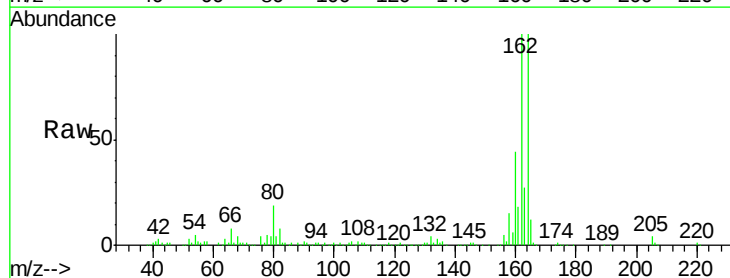
Tgt Ion:164 Resp: 197953

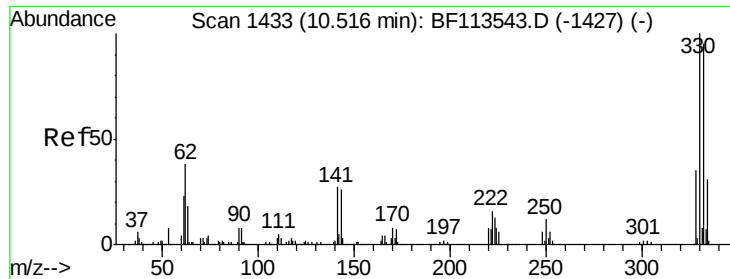
Ion Ratio Lower Upper

164 100

162 99.5 81.8 122.6

160 44.3 36.4 54.6





#42

2,4,6-Tribromophenol

Concen: 88.895 ng

RT: 10.50 min Scan# 1430

Delta R.T. -0.02 min

Lab File: BF113662.D

Acq: 9 Apr 2019 15:37

Instrument :

BNA_F

ClientSampled :

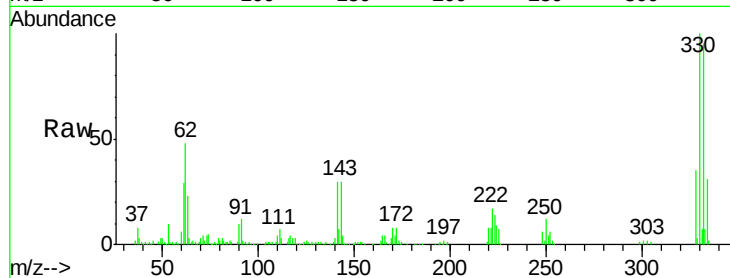
Tot Ion:330 Resp: 211383

Ion Ratio Lower Upper

330 100

332 96.8 77.8 116.6

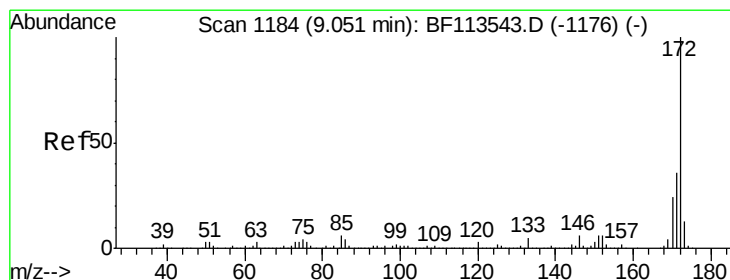
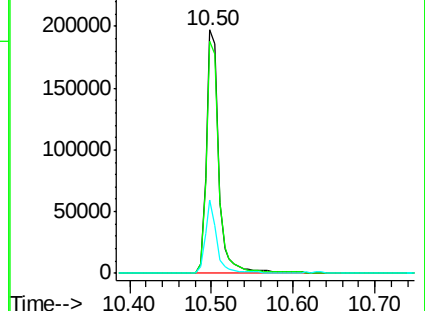
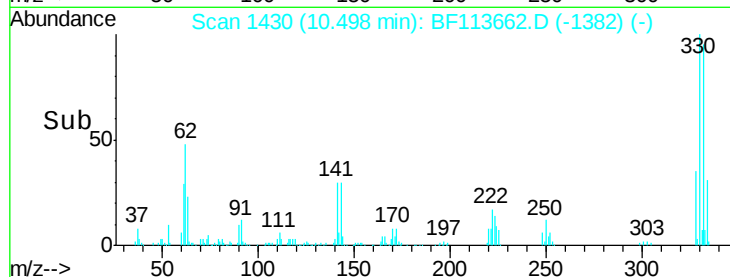
141 27.9 22.7 34.1



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: 83.118 ng

RT: 9.03 min Scan# 1181

Delta R.T. -0.02 min

Lab File: BF113662.D

Acq: 9 Apr 2019 15:37

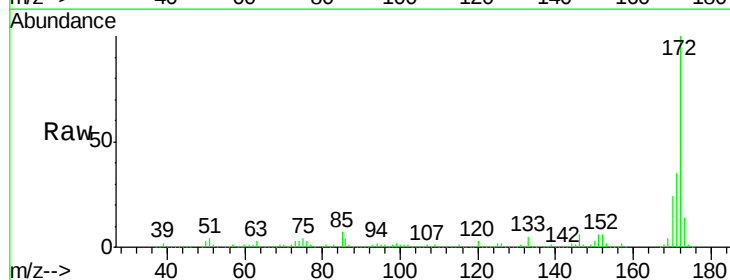
Tgt Ion:172 Resp: 1022020

Ion Ratio Lower Upper

172 100

171 35.3 29.0 43.6

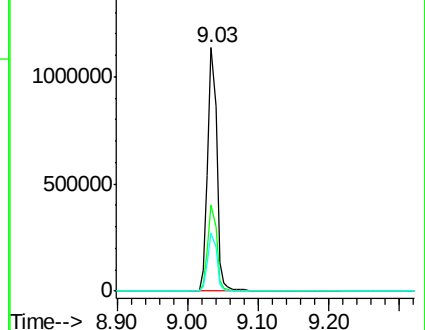
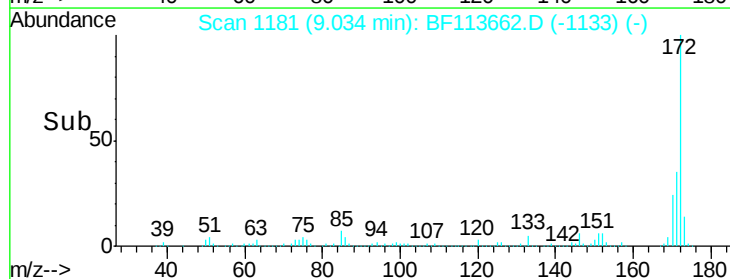
170 24.1 19.5 29.3

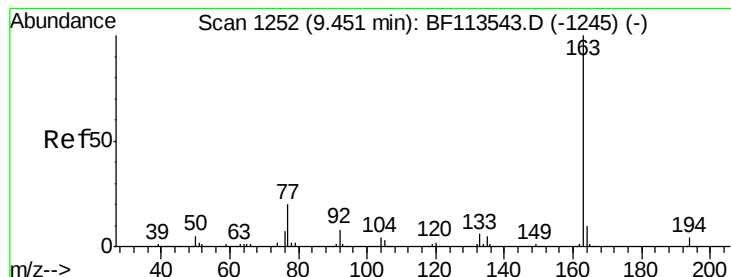


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E





#50

Dimethylphthalate

Concen: 10.473 ng

RT: 9.43 min Scan# 1248

Delta R.T. -0.02 min

Lab File: BF113662.D

Acq: 9 Apr 2019 15:37

Instrument :

BNA_F

ClientSampleId :

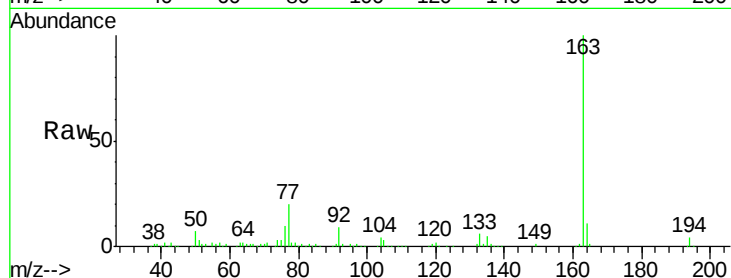
Tot Ion:163 Resp: 152821

Ion Ratio Lower Upper

163 100

194 3.8 3.0 4.6

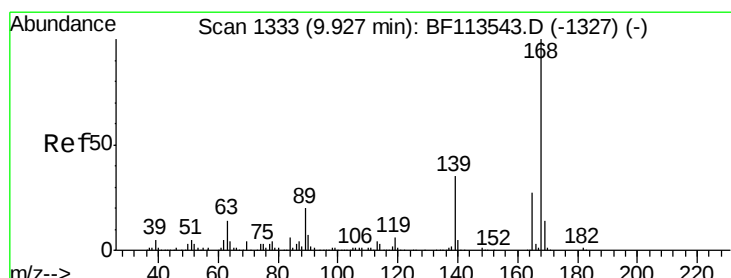
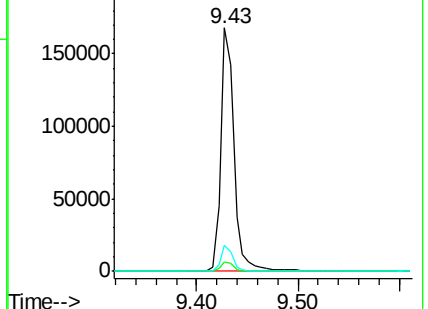
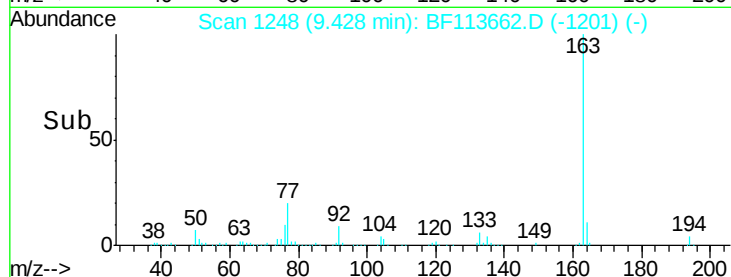
164 10.6 8.1 12.1



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: 6.492 ng

RT: 9.71 min Scan# 1296

Delta R.T. -0.22 min

Lab File: BF113662.D

Acq: 9 Apr 2019 15:37

Tgt Ion:165 Resp: 25255

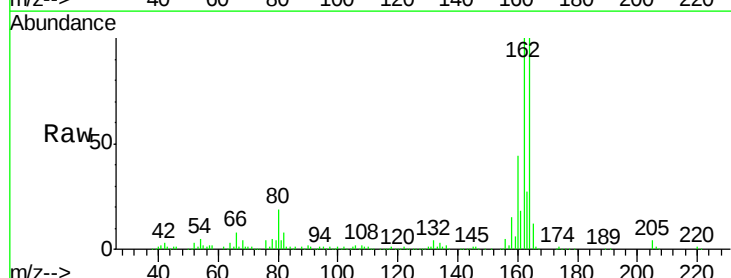
Ion Ratio Lower Upper

165 100

63 1.7 37.5 56.3#

89 2.2 57.4 86.2#

182 0.0 2.0 3.0#

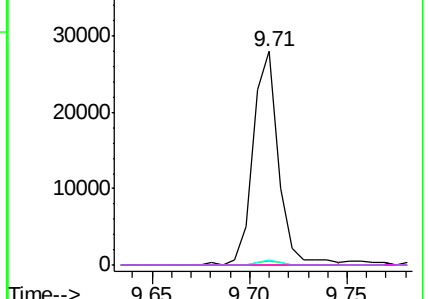
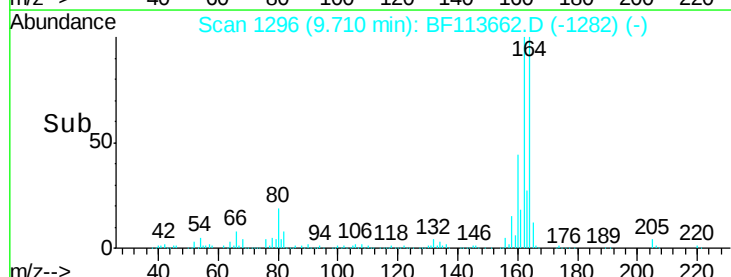


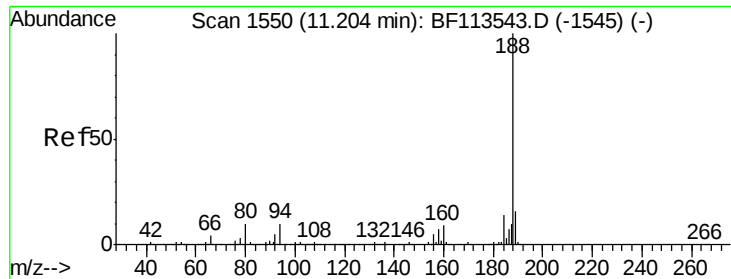
Abundance Ion 165.00 (164.70 to 165.70): E

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

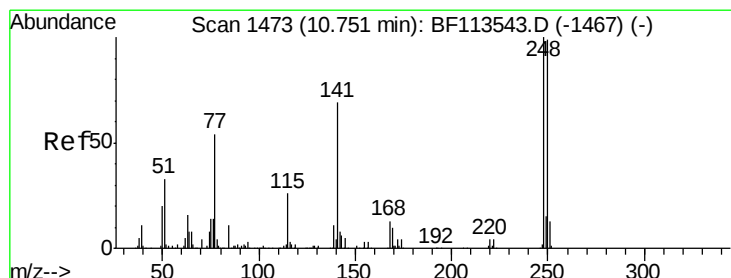
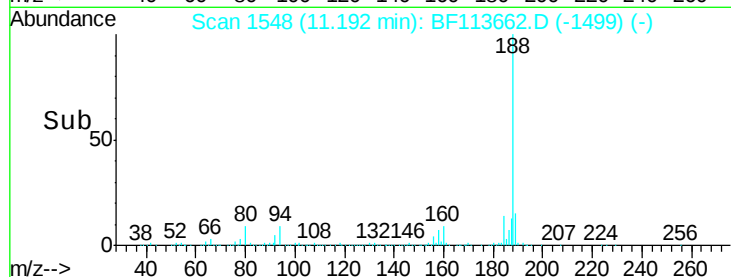
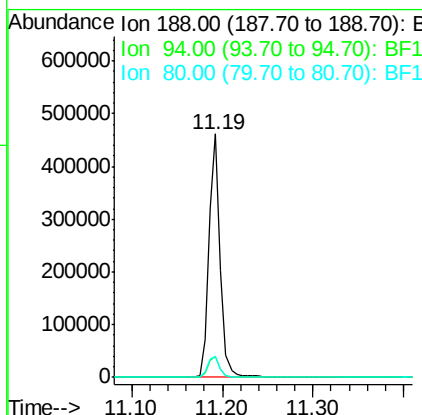
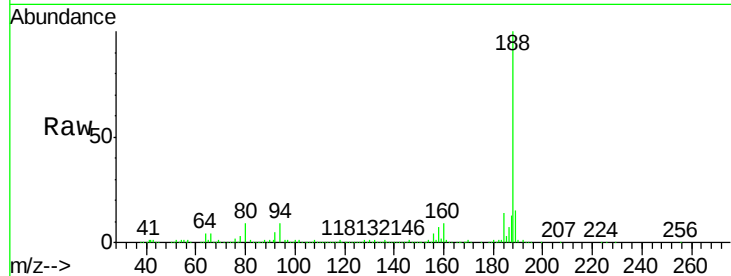




#64
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 11.19 min Scan# 1548
 Delta R.T. -0.01 min
 Lab File: BF113662.D
 Acq: 9 Apr 2019 15:37

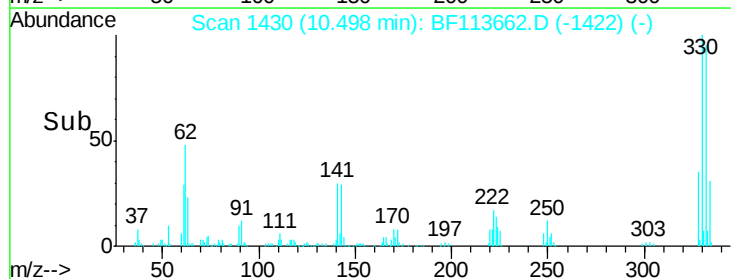
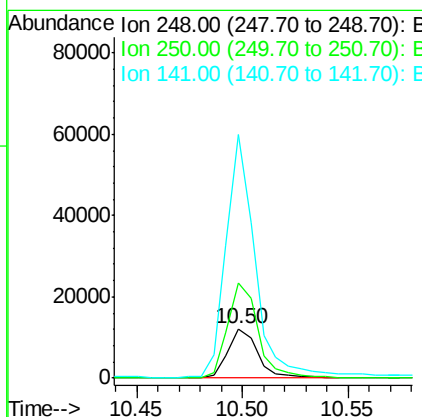
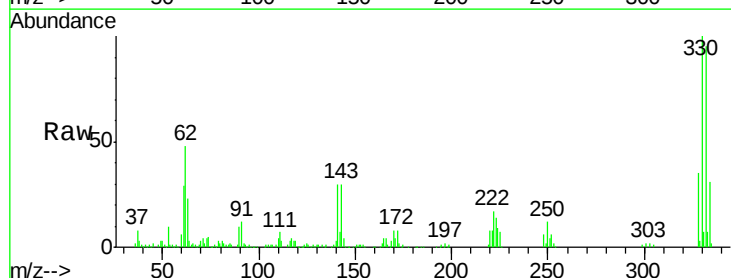
Instrument :
 BNA_F
 ClientSampleId :

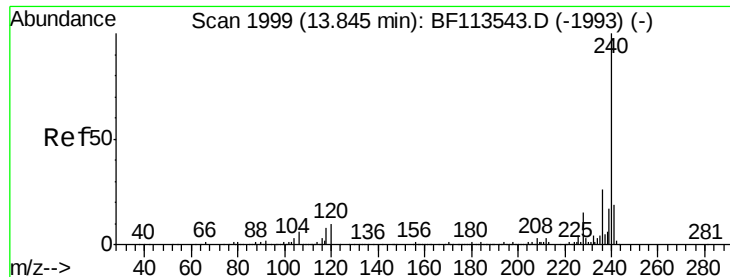
Tot Ion:188 Resp: 403054
 Ion Ratio Lower Upper
 188 100
 94 8.7 7.0 10.6
 80 8.8 7.7 11.5



#67
 4-Bromophenyl-phenylether
 Concen: 2.636 ng
 RT: 10.50 min Scan# 1430
 Delta R.T. -0.25 min
 Lab File: BF113662.D
 Acq: 9 Apr 2019 15:37

Tgt Ion:248 Resp: 11918
 Ion Ratio Lower Upper
 248 100
 250 192.5 78.3 117.5#
 141 492.5 56.2 84.4#





#76

Chrysene-d12

Concen: 20.000 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF113662.D

Acq: 9 Apr 2019 15:37

Instrument :

BNA_F

ClientSampleId :

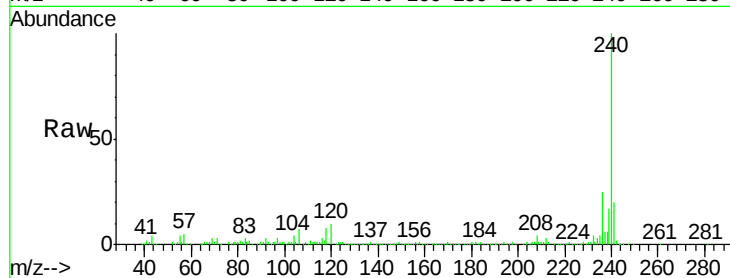
Tot Ion:240 Resp: 306157

Ion Ratio Lower Upper

240 100

120 10.1 8.8 13.2

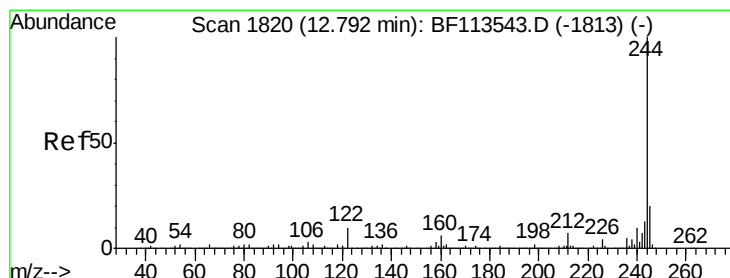
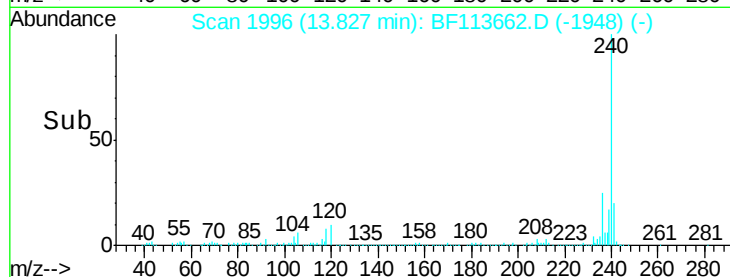
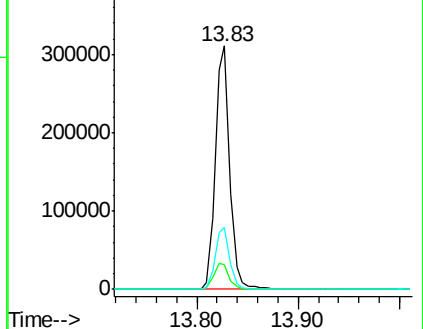
236 25.2 20.9 31.3



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: 74.701 ng

RT: 12.77 min Scan# 1817

Delta R.T. -0.02 min

Lab File: BF113662.D

Acq: 9 Apr 2019 15:37

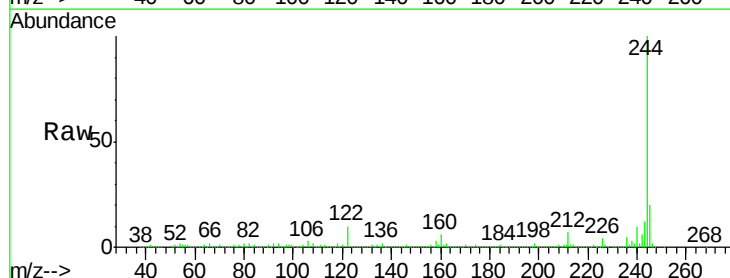
Tgt Ion:244 Resp: 1123280

Ion Ratio Lower Upper

244 100

212 6.6 5.5 8.3

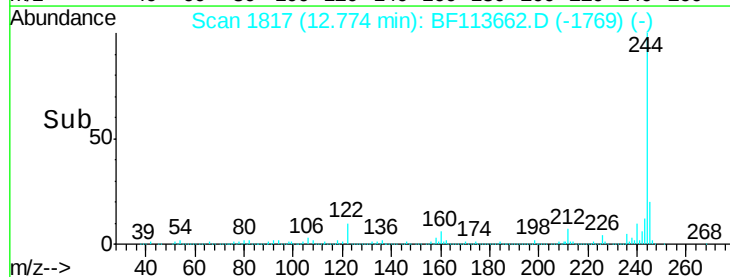
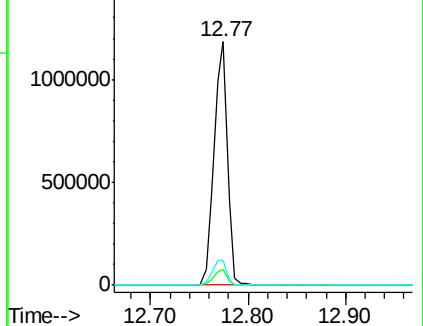
122 10.0 8.6 13.0

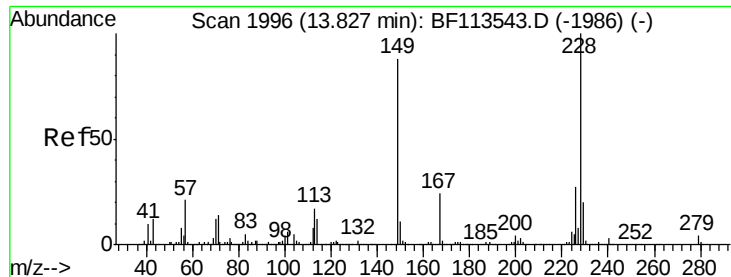


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#84

Bis(2-ethylhexyl)phthalate

Concen: 12.192 ng

RT: 13.80 min Scan# 1992

Delta R.T. -0.02 min

Lab File: BF113662.D

Acq: 9 Apr 2019 15:37

Instrument :

BNA_F

ClientSampleId :

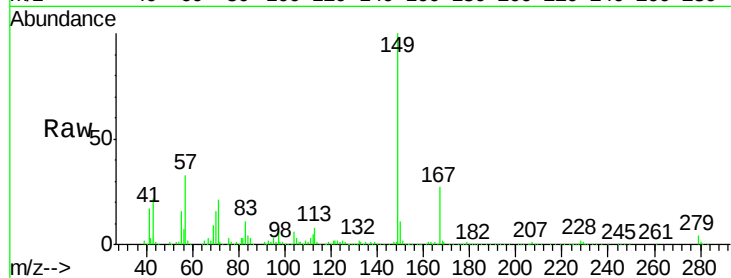
Tot Ion:149 Resp: 139784

Ion Ratio Lower Upper

149 100

167 26.7 21.8 32.8

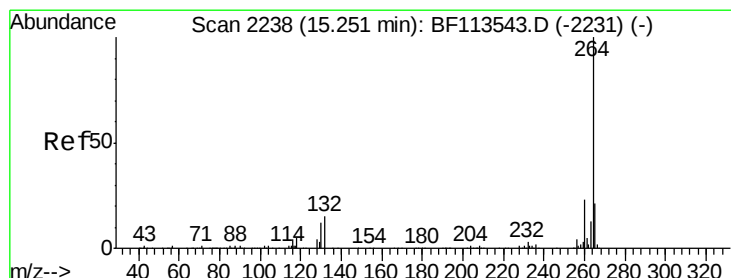
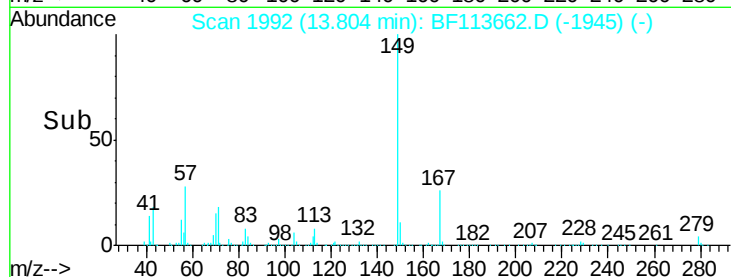
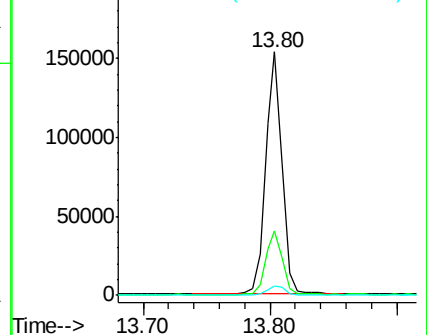
279 4.0 2.9 4.3



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



#87

Perylene-d12

Concen: 20.000 ng

RT: 15.23 min Scan# 2235

Delta R.T. -0.02 min

Lab File: BF113662.D

Acq: 9 Apr 2019 15:37

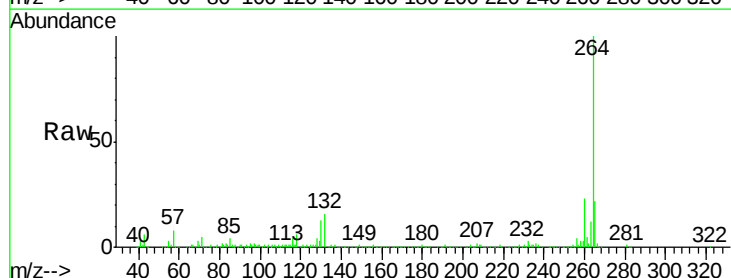
Tgt Ion:264 Resp: 291342

Ion Ratio Lower Upper

264 100

260 23.3 19.1 28.7

265 21.7 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

