

Data Path : Z:\HPCHEM1\BNA F\DATA\BF042018\
 Data File : BF104682.D
 Acq On : 20 Apr 2018 18:47
 Operator : JU/SJ
 Sample : J2461-04 10X
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-02

Quant Time: Apr 21 04:13:56 2018
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF040618.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 20 14:49:55 2018
 Response via : Initial Calibration

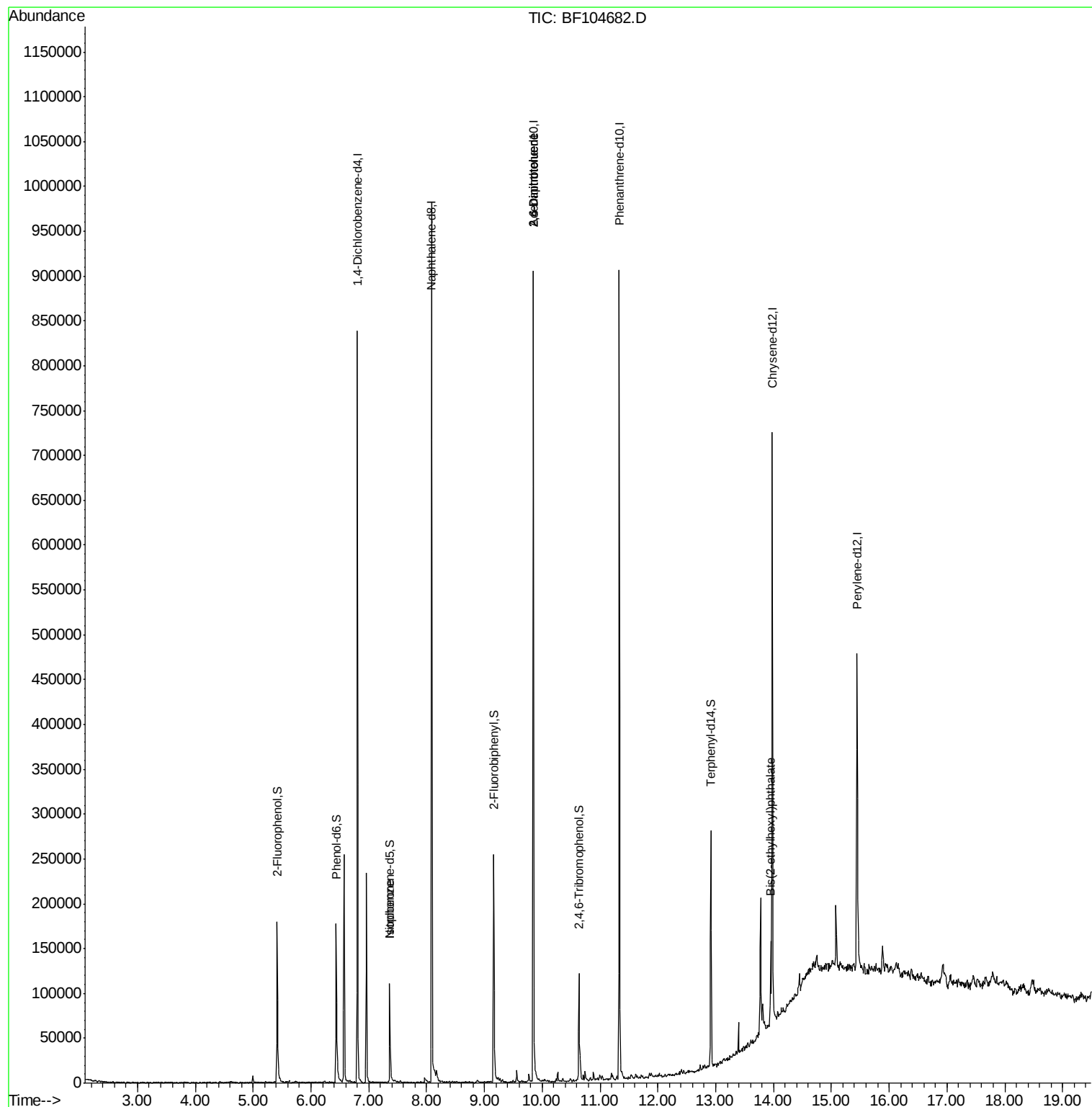
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.80	152	116148	20.00	ng	0.00
21) Naphthalene-d8	8.09	136	424047	20.00	ng	0.00
38) Acenaphthene-d10	9.85	164	184926	20.00	ng	0.00
63) Phenanthrene-d10	11.33	188	305202	20.00	ng	0.00
75) Chrysene-d12	13.98	240	228704	20.00	ng	0.00
86) Perylene-d12	15.44	264	169914	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.42	112	67136	8.84	ng	0.00
7) Phenol-d6	6.43	99	81823	8.77	ng	-0.01
23) Nitrobenzene-d5	7.36	82	42342	6.52	ng	-0.01
41) 2,4,6-Tribromophenol	10.63	330	15428	8.04	ng	0.00
44) 2-Fluorobiphenyl	9.16	172	94464	8.07	ng	0.00
78) Terphenyl-d14	12.92	244	80321	8.01	ng	0.00
Target Compounds						
9) Benzaldehyde	6.57	77	1444	Below Cal		96
25) Isophorone	7.36	82	42342	3.083 ng	#	64
50) 2,6-Dinitrotoluene	9.85	165	23387	8.667 ng	#	26
56) 2,4-Dinitrotoluene	9.85	165	23387	6.607 ng	#	23
76) Benzidine	12.92	184	1030	Below Cal	#	66
83) Bis(2-ethylhexyl)phthalate	13.95	149	26257	2.556 ng		97

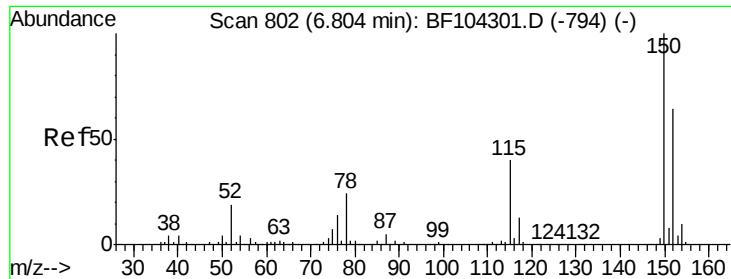
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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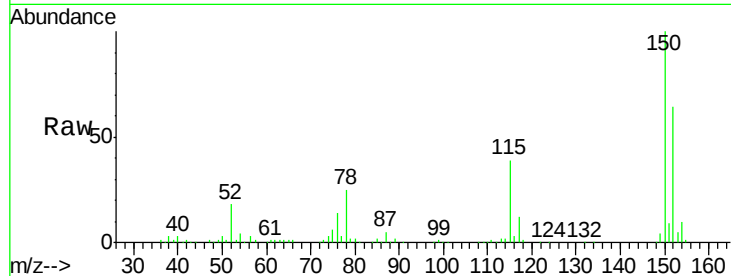


#1

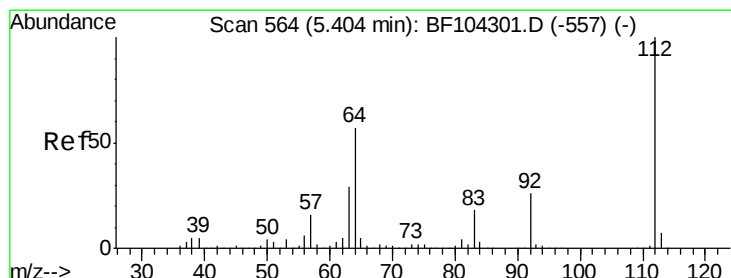
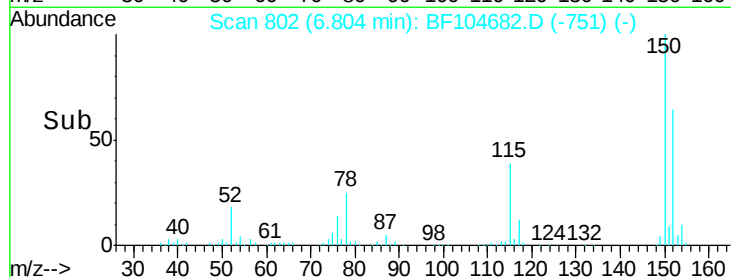
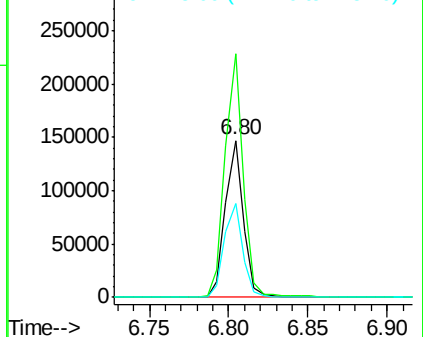
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 6.80 min Scan# 802
Delta R.T. -0.00 min
Lab File: BF104682.D
Acq: 20 Apr 2018 18:47

Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-02

Tot Ion:152 Resp: 116148
Ion Ratio Lower Upper
152 100
150 155.2 124.6 186.8
115 59.9 50.1 75.1



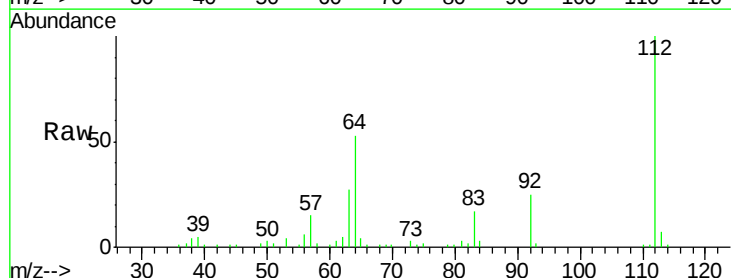
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



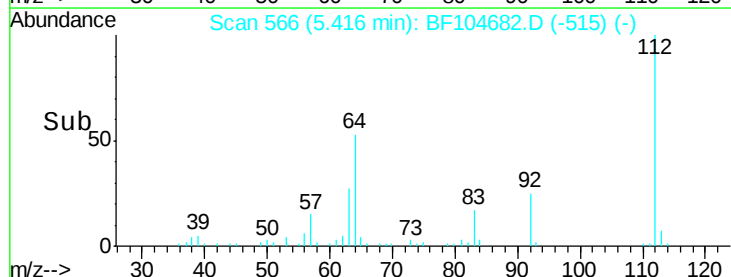
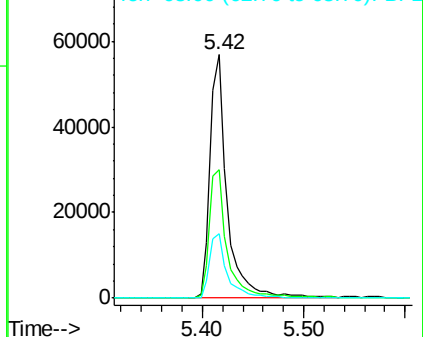
#5

2-Fluorophenol
Concen: 8.838 ng
RT: 5.42 min Scan# 566
Delta R.T. -0.00 min
Lab File: BF104682.D
Acq: 20 Apr 2018 18:47

Tgt Ion:112 Resp: 67136
Ion Ratio Lower Upper
112 100
64 52.8 47.9 71.9
63 26.7 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: 8.767 ng

RT: 6.43 min Scan# 739

Delta R.T. -0.01 min

Lab File: BF104682.D

Acq: 20 Apr 2018 18:47

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-02

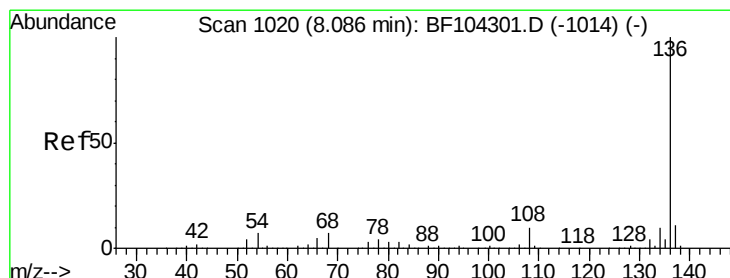
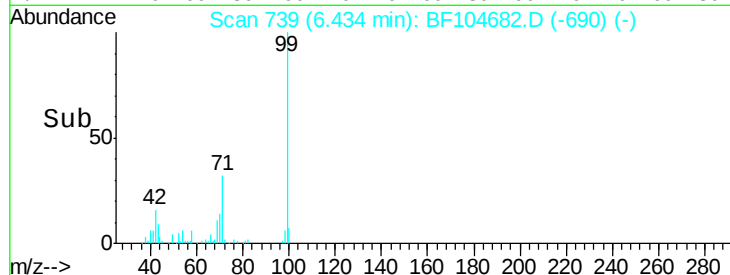
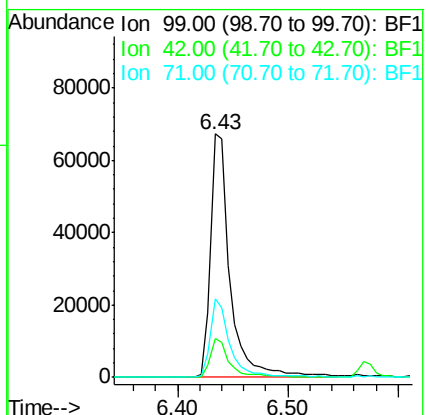
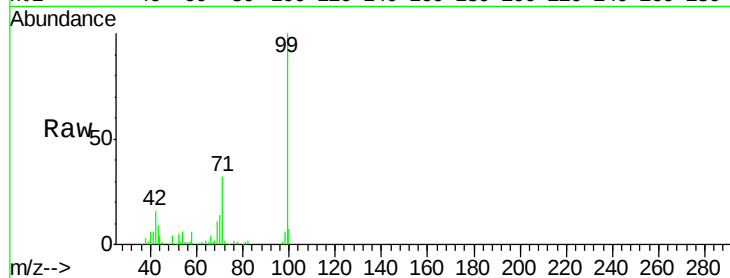
Tot Ion: 99 Resp: 81823

Ion Ratio Lower Upper

99 100

42 15.9 14.5 21.7

71 32.2 25.4 38.0



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 8.09 min Scan# 1020

Delta R.T. -0.00 min

Lab File: BF104682.D

Acq: 20 Apr 2018 18:47

Tgt Ion: 136 Resp: 424047

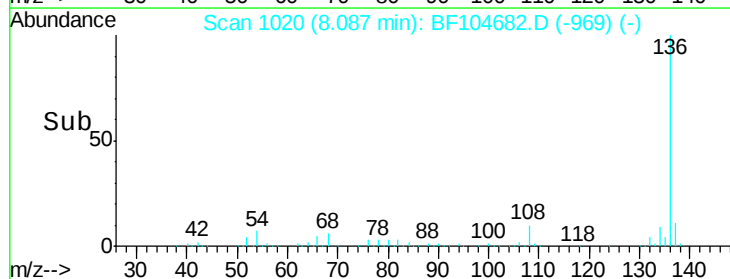
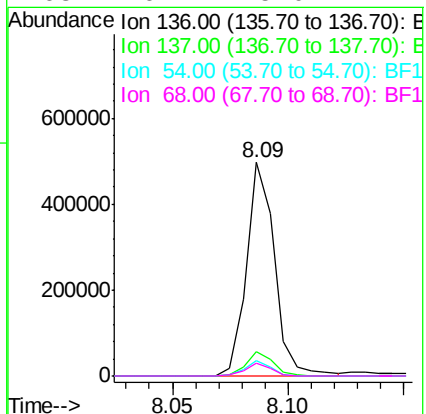
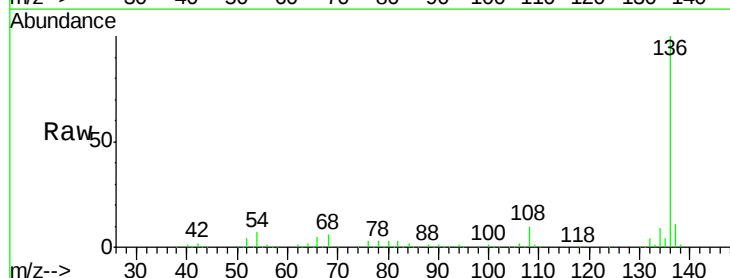
Ion Ratio Lower Upper

136 100

137 11.3 8.9 13.3

54 7.1 6.6 9.8

68 6.2 5.0 7.4

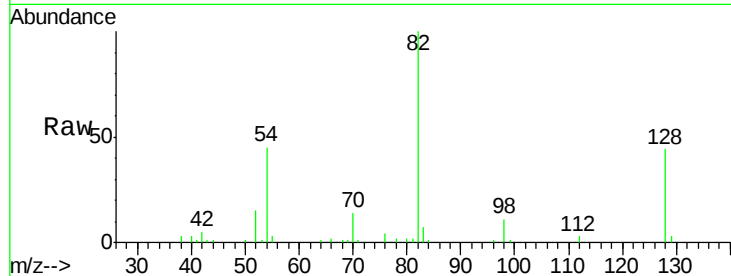




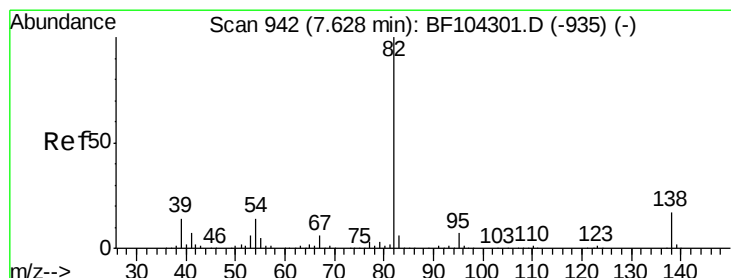
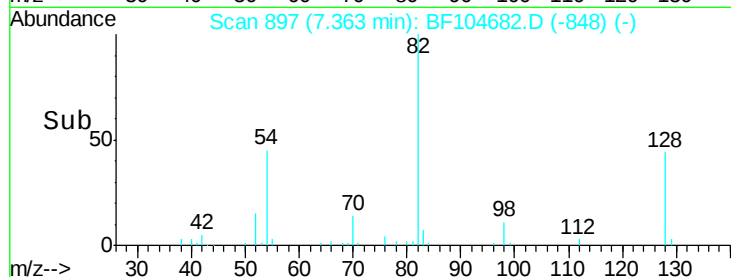
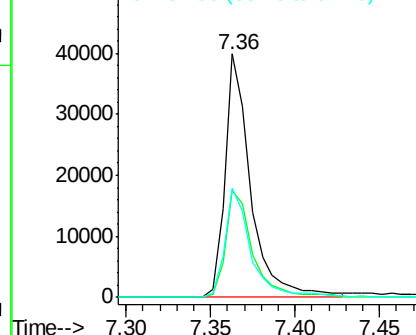
#23
 Nitrobenzene-d5
 Concen: 6.520 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BF104682.D
 Acq: 20 Apr 2018 18:47

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-02

Tot Ion: 82 Resp: 42342
 Ion Ratio Lower Upper
 82 100
 128 43.6 36.1 54.1
 54 44.9 41.4 62.2

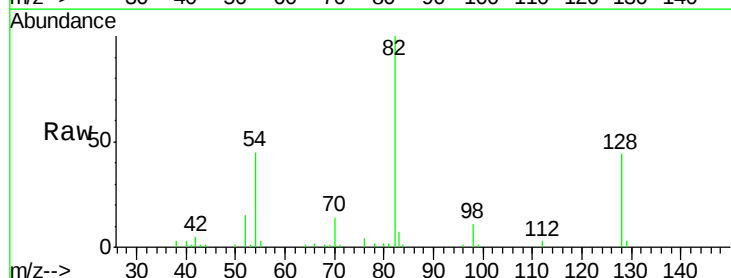


Abundance Ion 82.00 (81.70 to 82.70): BF1
 Ion 128.00 (127.70 to 128.70): BF1
 Ion 54.00 (53.70 to 54.70): BF1

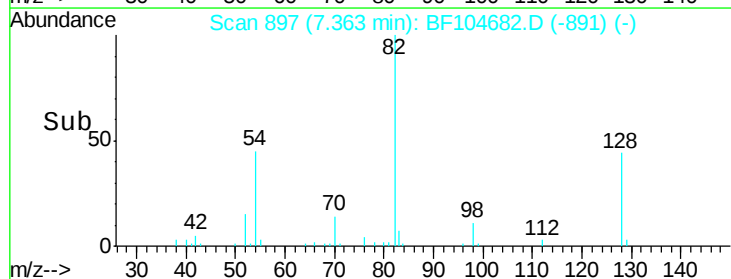
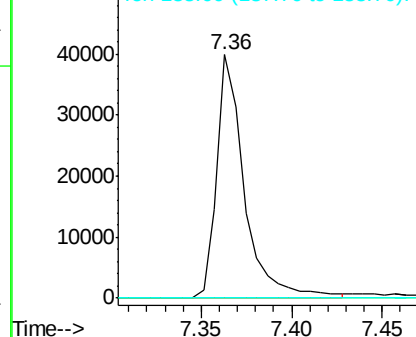


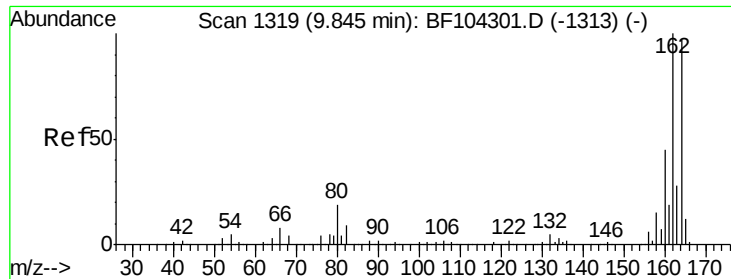
#25
 Isophorone
 Concen: 3.083 ng
 RT: 7.36 min Scan# 897
 Delta R.T. -0.26 min
 Lab File: BF104682.D
 Acq: 20 Apr 2018 18:47

Tgt Ion: 82 Resp: 42342
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.2 7.8#
 138 0.0 14.9 22.3#



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

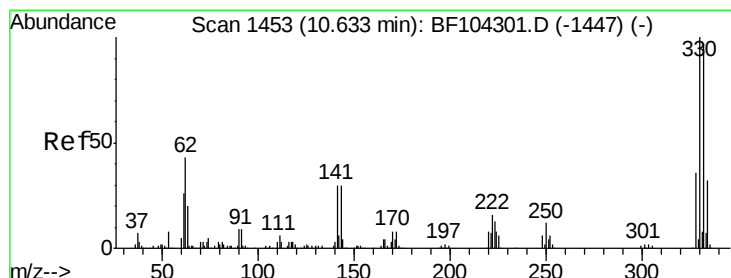
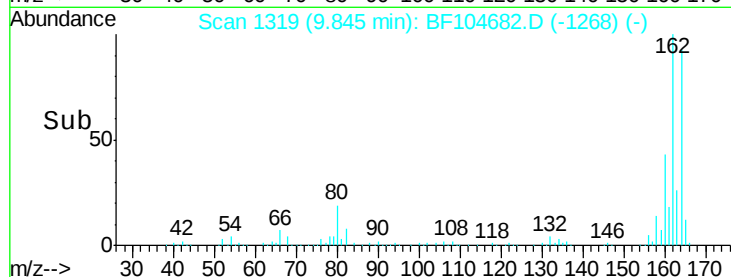
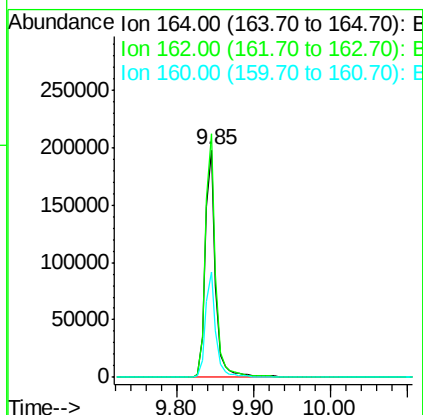
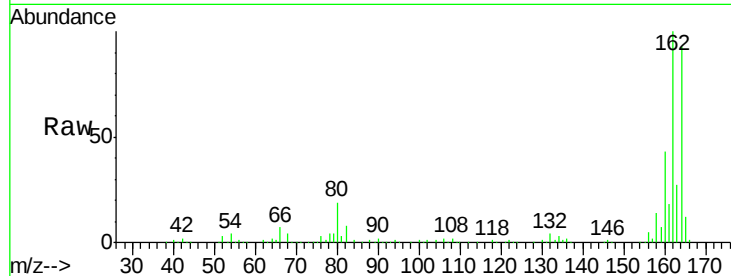




#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 9.85 min Scan# 1319
Delta R.T. -0.00 min
Lab File: BF104682.D
Acq: 20 Apr 2018 18:47

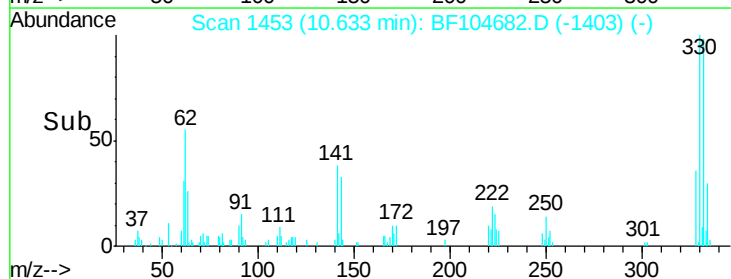
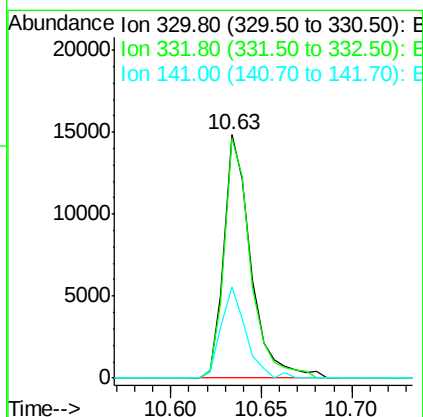
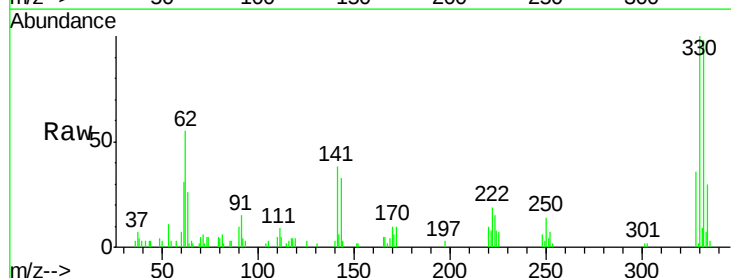
Instrument :
BNA_F
ClientSampleId :
N-P001-S002-0001-02

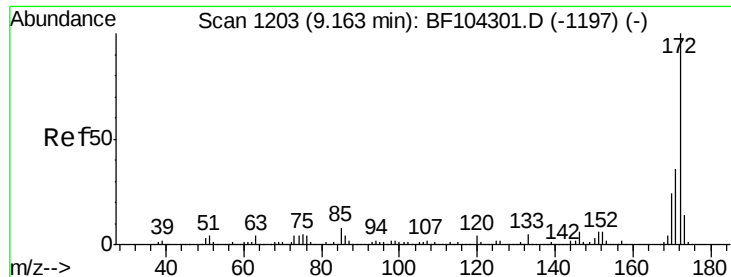
Tot Ion:164 Resp: 184926
Ion Ratio Lower Upper
164 100
162 107.0 86.1 129.1
160 46.1 38.3 57.5



#41
2,4,6-Tribromophenol
Concen: 8.043 ng
RT: 10.63 min Scan# 1453
Delta R.T. -0.01 min
Lab File: BF104682.D
Acq: 20 Apr 2018 18:47

Tgt Ion:330 Resp: 15428
Ion Ratio Lower Upper
330 100
332 96.0 77.0 115.6
141 34.2 29.9 44.9

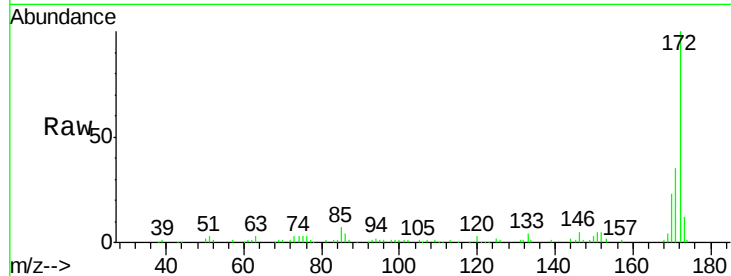




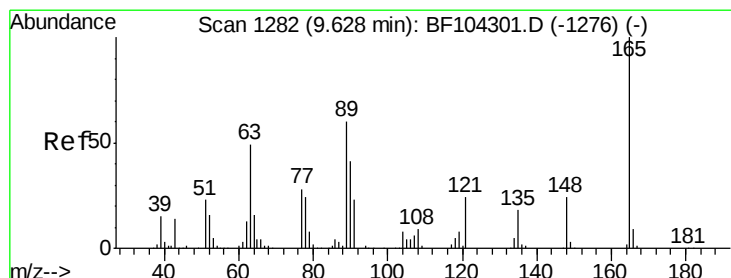
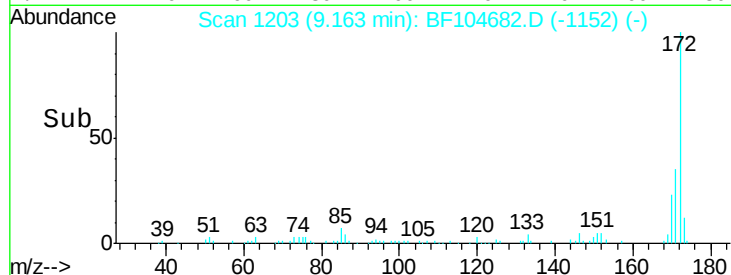
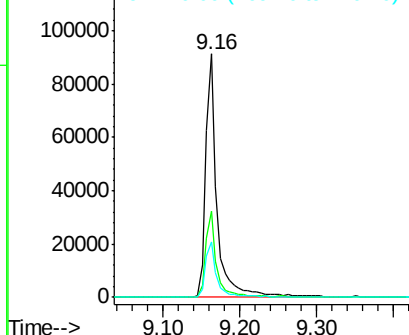
#44
 2-Fluorobiphenyl
 Concen: 8.070 ng
 RT: 9.16 min Scan# 1203
 Delta R.T. -0.00 min
 Lab File: BF104682.D
 Acq: 20 Apr 2018 18:47

Instrument :
 BNA_F
 ClientSampleId :
 N-P001-S002-0001-02

Tot Ion:172 Resp: 94464
 Ion Ratio Lower Upper
 172 100
 171 35.5 29.7 44.5
 170 22.9 19.6 29.4

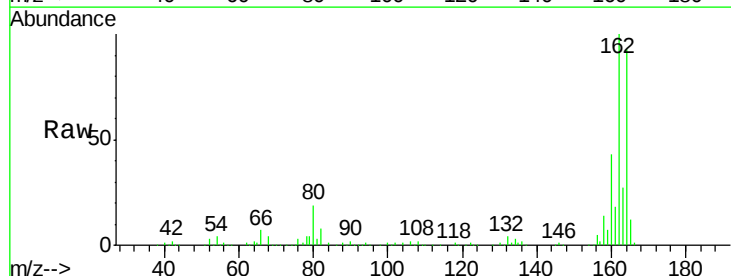


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

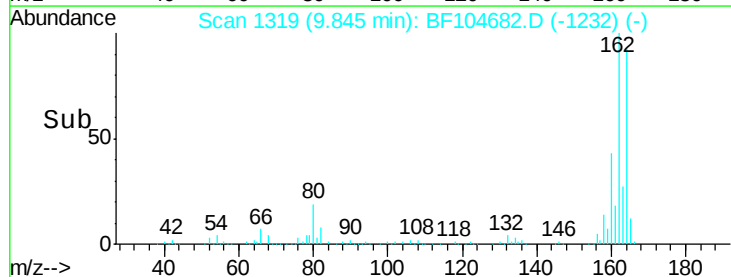
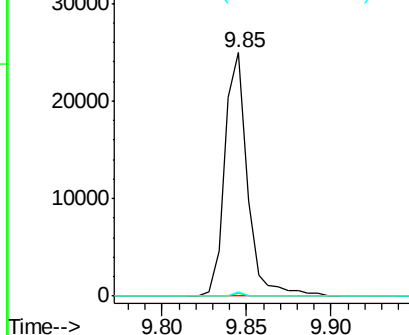


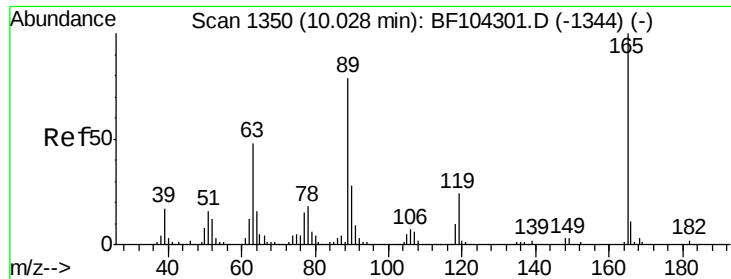
#50
 2,6-Dinitrotoluene
 Concen: 8.667 ng
 RT: 9.85 min Scan# 1319
 Delta R.T. 0.21 min
 Lab File: BF104682.D
 Acq: 20 Apr 2018 18:47

Tgt Ion:165 Resp: 23387
 Ion Ratio Lower Upper
 165 100
 63 1.2 44.7 67.1#
 89 1.7 44.0 66.0#



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





#56

2,4-Dinitrotoluene

Concen: 6.607 ng

RT: 9.85 min Scan# 1319

Delta R.T. -0.19 min

Lab File: BF104682.D

Acq: 20 Apr 2018 18:47

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-02

Tot Ion:165 Resp: 23387

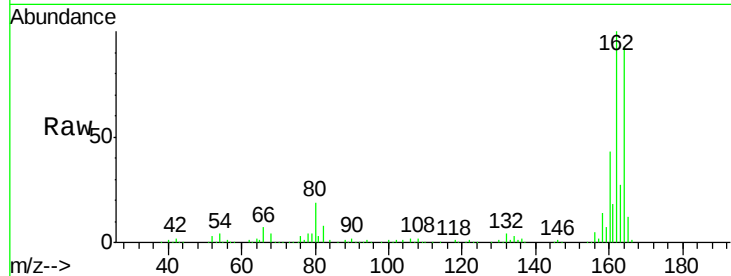
Ion Ratio Lower Upper

165 100

63 1.2 36.4 54.6#

89 1.7 57.8 86.6#

182 0.0 1.6 2.4#

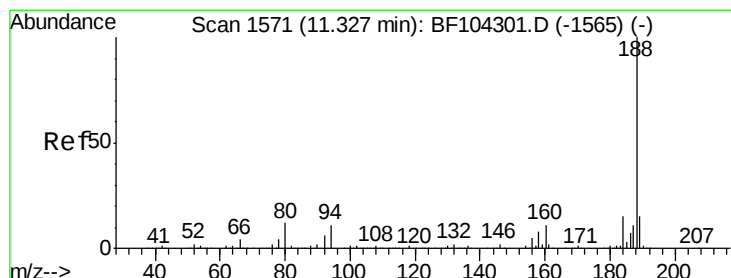
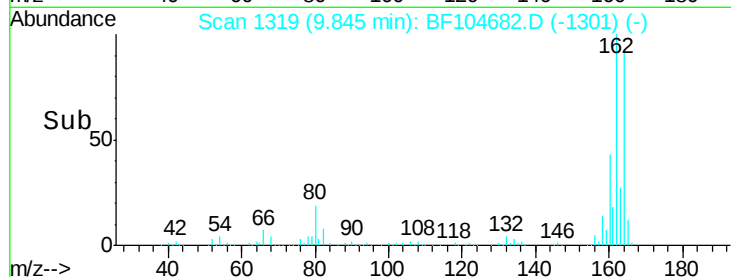
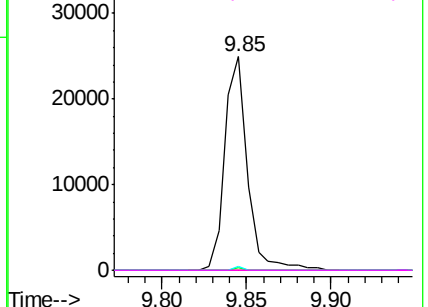


Abundance Ion 165.00 (164.70 to 165.70): E

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



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 11.33 min Scan# 1572

Delta R.T. -0.00 min

Lab File: BF104682.D

Acq: 20 Apr 2018 18:47

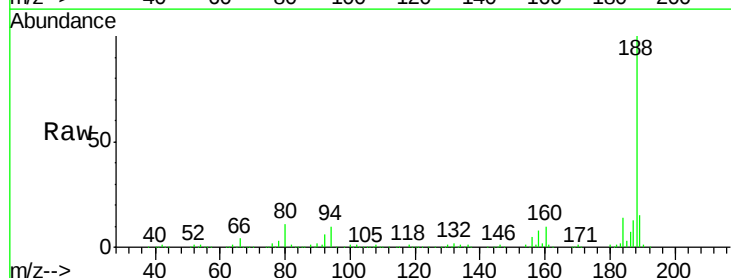
Tgt Ion:188 Resp: 305202

Ion Ratio Lower Upper

188 100

94 10.3 8.5 12.7

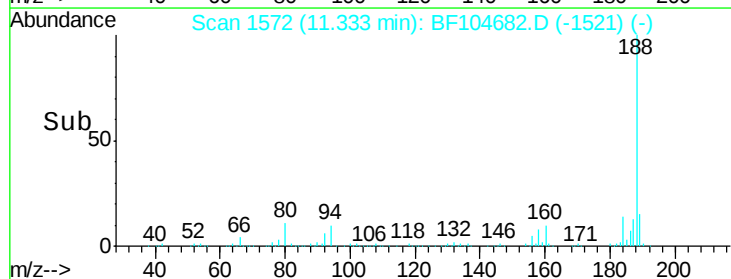
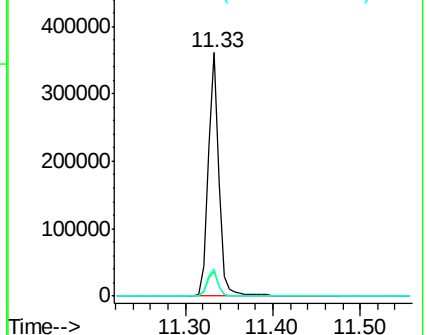
80 11.0 9.2 13.8

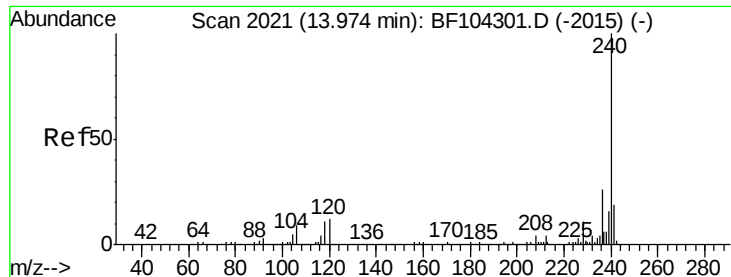


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF1

Ion 80.00 (79.70 to 80.70): BF1





#75

Chrysene-d12

Concen: 20.000 ng

RT: 13.98 min Scan# 2022

Delta R.T. -0.00 min

Lab File: BF104682.D

Acq: 20 Apr 2018 18:47

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-02

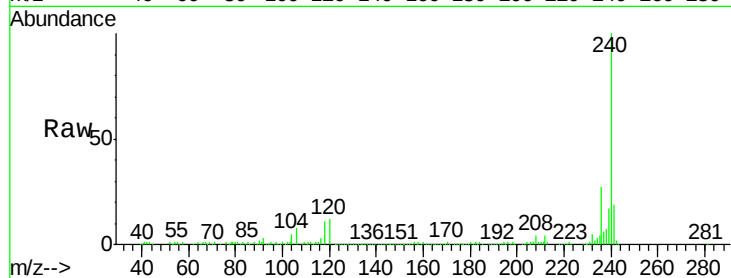
Tot Ion:240 Resp: 228704

Ion Ratio Lower Upper

240 100

120 12.3 9.5 14.3

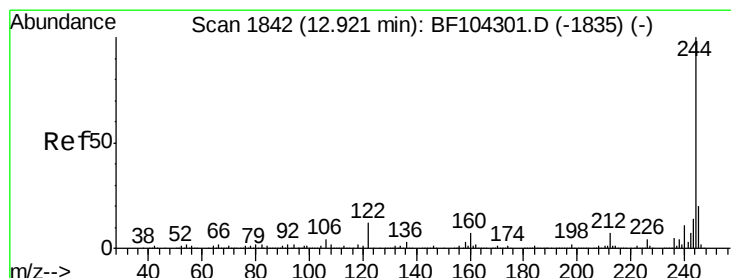
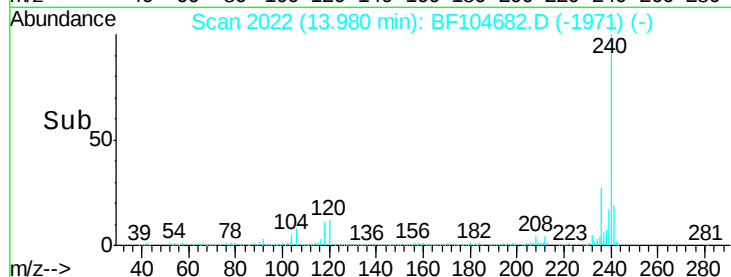
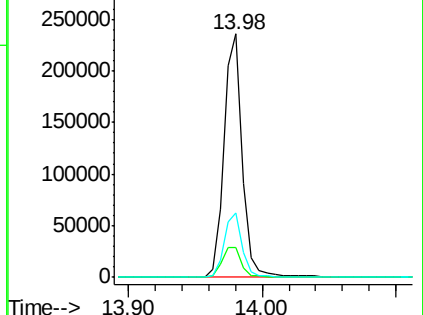
236 26.7 20.7 31.1



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



#78

Terphenyl-d14

Concen: 8.007 ng

RT: 12.92 min Scan# 1841

Delta R.T. -0.01 min

Lab File: BF104682.D

Acq: 20 Apr 2018 18:47

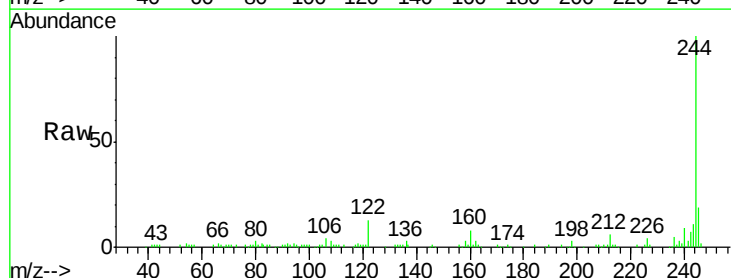
Tgt Ion:244 Resp: 80321

Ion Ratio Lower Upper

244 100

212 6.5 5.4 8.0

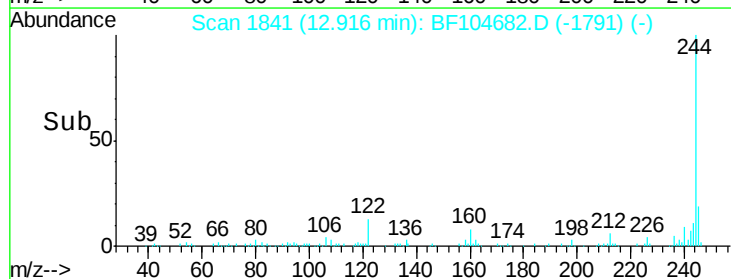
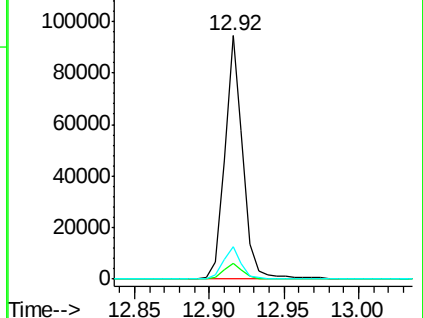
122 13.1 11.0 16.4

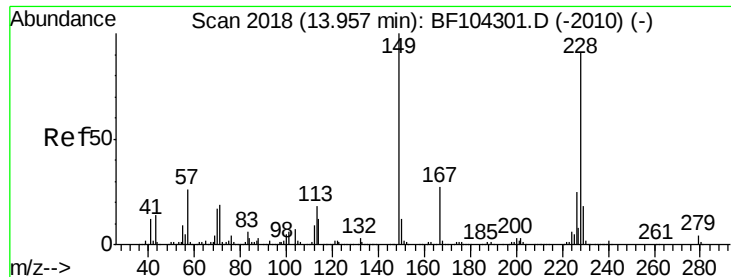


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 2.556 ng

RT: 13.95 min Scan# 2017

Delta R.T. -0.00 min

Lab File: BF104682.D

Acq: 20 Apr 2018 18:47

Instrument :

BNA_F

ClientSampleId :

N-P001-S002-0001-02

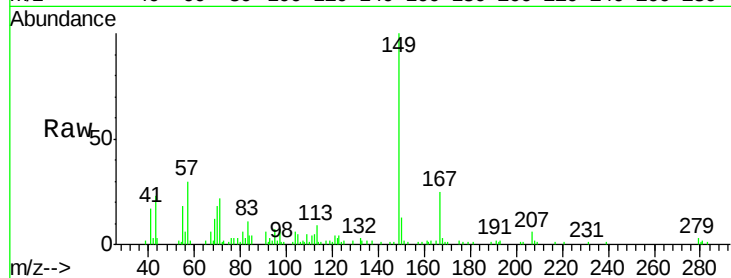
Tot Ion:149 Resp: 26257

Ion Ratio Lower Upper

149 100

167 25.1 21.3 31.9

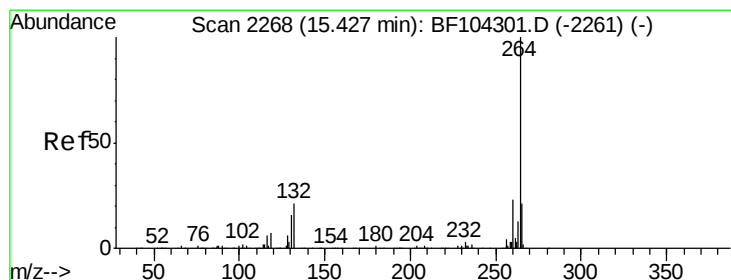
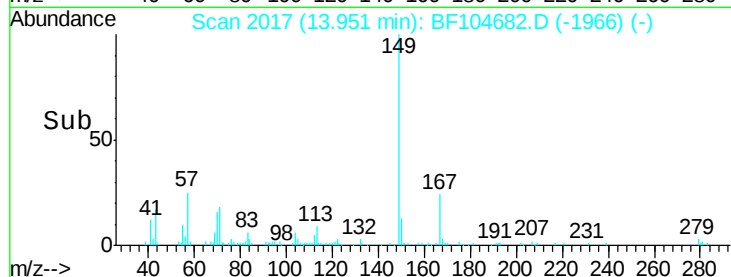
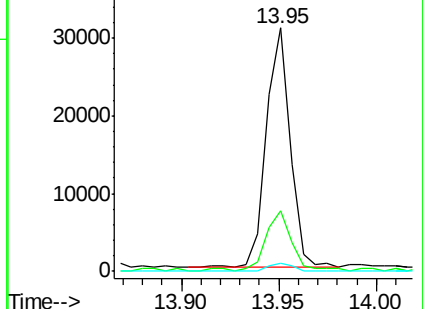
279 3.3 3.0 4.4



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



#86

Perylene-d12

Concen: 20.000 ng

RT: 15.44 min Scan# 2271

Delta R.T. 0.01 min

Lab File: BF104682.D

Acq: 20 Apr 2018 18:47

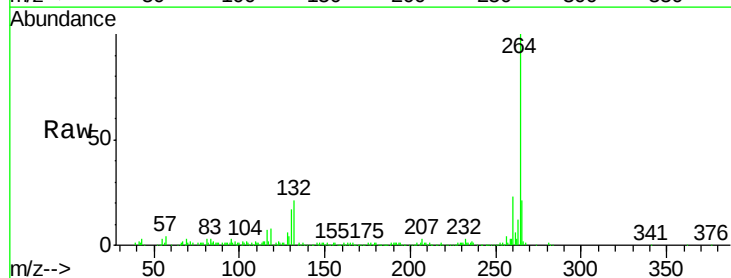
Tgt Ion:264 Resp: 169914

Ion Ratio Lower Upper

264 100

260 23.0 19.2 28.8

265 21.0 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

