

Data Path : Z:\HPCHEM1\BNA F\DATA\BF071017\
 Data File : BF096631.D
 Acq On : 11 Jul 2017 5:55
 Operator : SJ/JU
 Sample : I3938-03 10X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 11 08:18:55 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF070117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jul 07 13:02:33 2017
 Response via : Initial Calibration

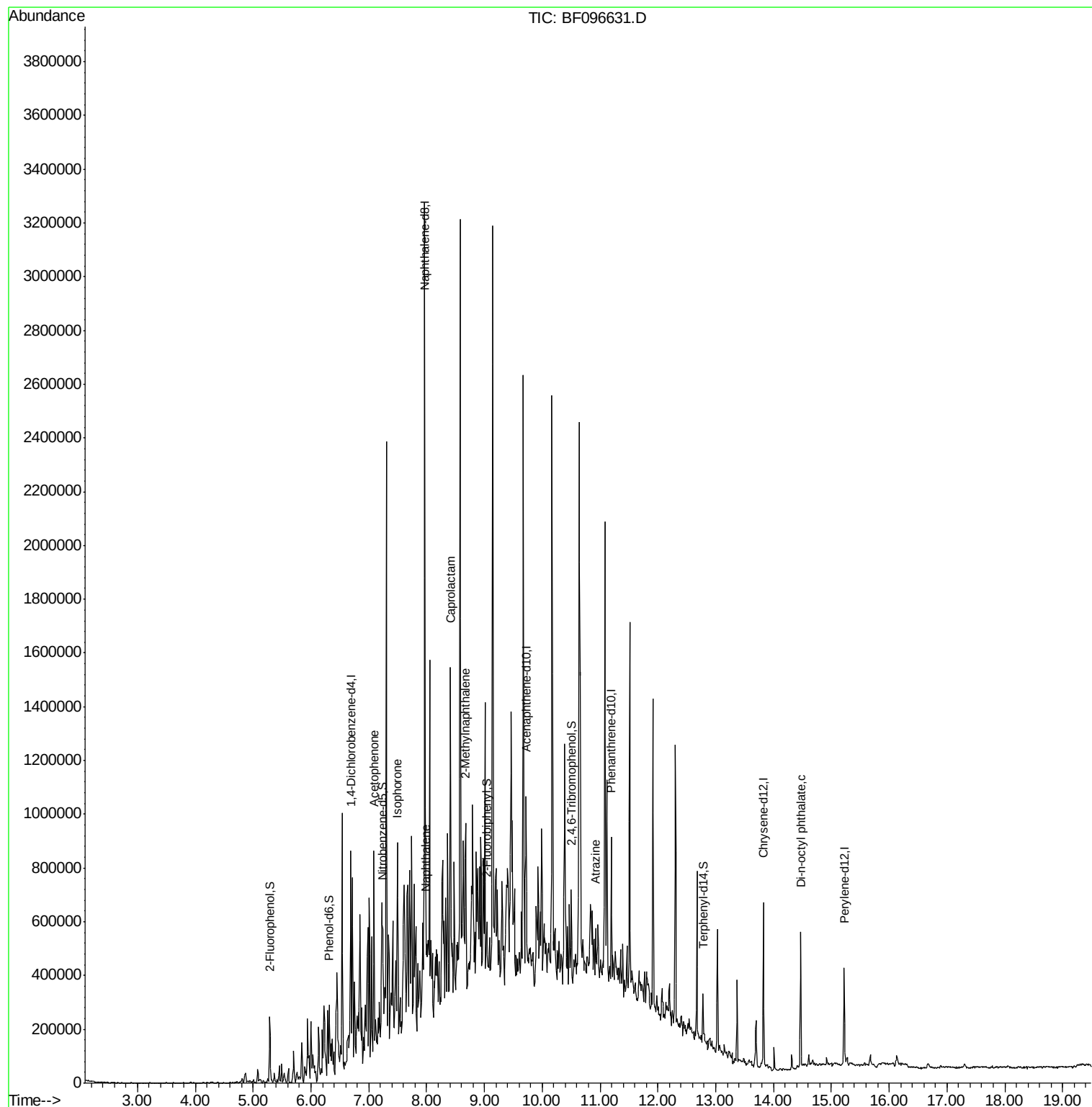
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.69	152	89238	20.00	ng	-0.01
21) Naphthalene-d8	7.97	136	279890	20.00	ng	-0.02
38) Acenaphthene-d10	9.72	164	108484	20.00	ng	-0.01
63) Phenanthrene-d10	11.20	188	189072	20.00	ng	-0.01
75) Chrysene-d12	13.83	240	197049	20.00	ng	-0.02
86) Perylene-d12	15.22	264	146663	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.29	112	63636	10.53	ng	-0.02
7) Phenol-d6	6.32	99	74746	10.06	ng	-0.03
23) Nitrobenzene-d5	7.24	82	51911	11.14	ng	-0.03
41) 2,4,6-Tribromophenol	10.50	330	8209	9.69	ng	-0.02
44) 2-Fluorobiphenyl	9.05	172	65389	10.31	ng	-0.02
78) Terphenyl-d14	12.78	244	50180	5.44	ng	-0.02
Target Compounds						
22) Acetophenone	7.09	105	38541	6.30	ng	# 43
25) Isophorone	7.50	82	21899	2.42	ng	# 1
31) Naphthalene	7.99	128	29860	2.26	ng	# 94
35) Caprolactam	8.41	113	20084	15.33	ng	# 1
37) 2-Methylnaphthalene	8.68	142	71138	8.46	ng	98
68) Atrazine	10.92	200	4140	2.18	ng	# 57
84) Di-n-octyl phthalate	14.47	149	38345	2.18	ng	# 26

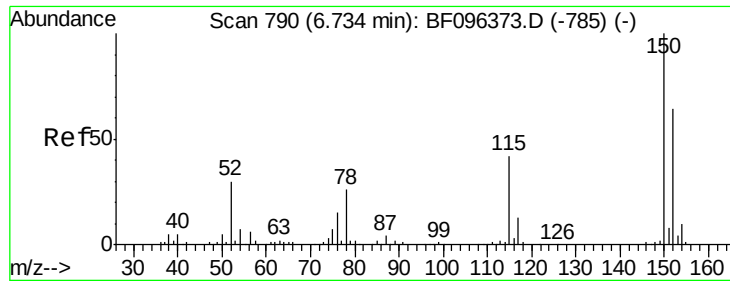
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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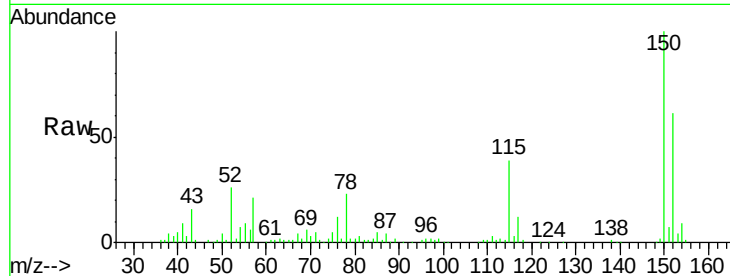


#1

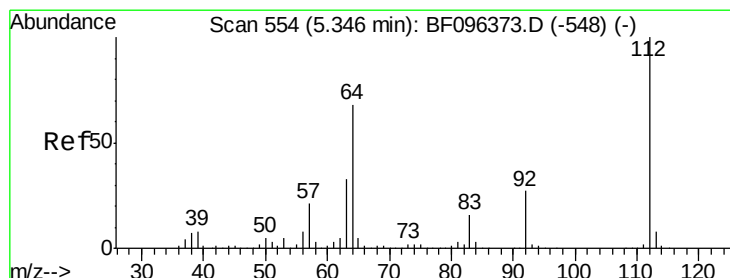
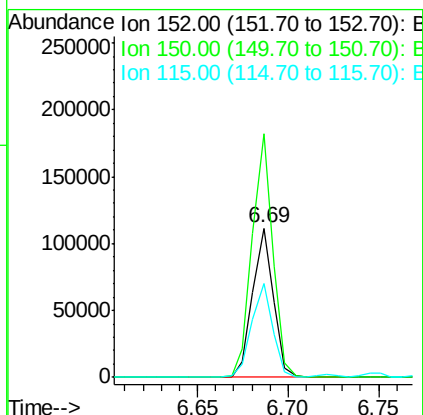
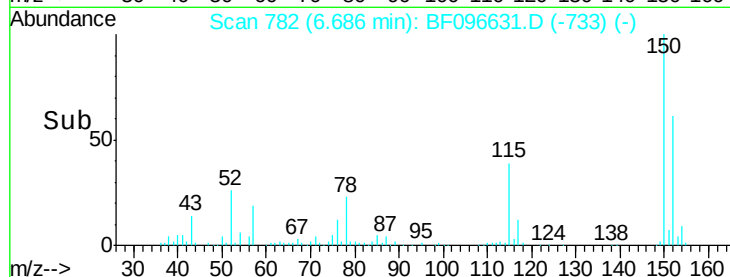
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.69 min Scan# 782
Delta R.T. -0.01 min
Lab File: BF096631.D
Acq: 11 Jul 2017 5:55

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
152	100		
150	163.3	126.2	189.2
115	63.2	52.2	78.2



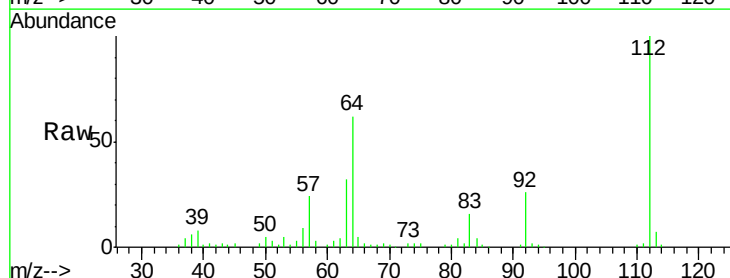
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



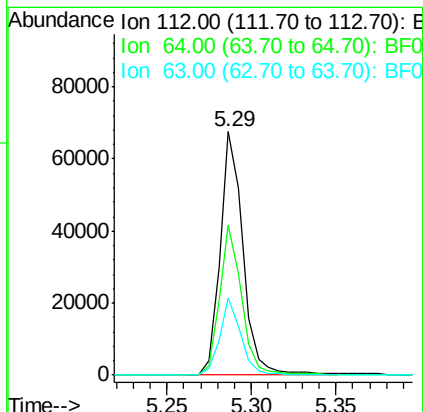
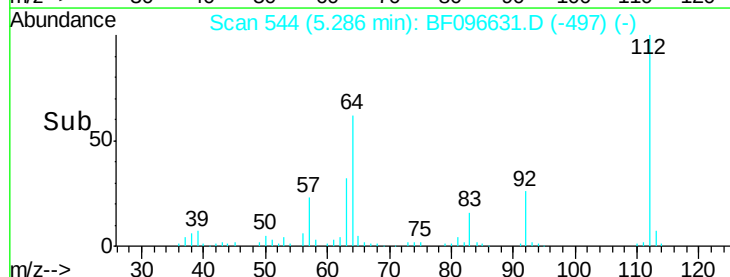
#5

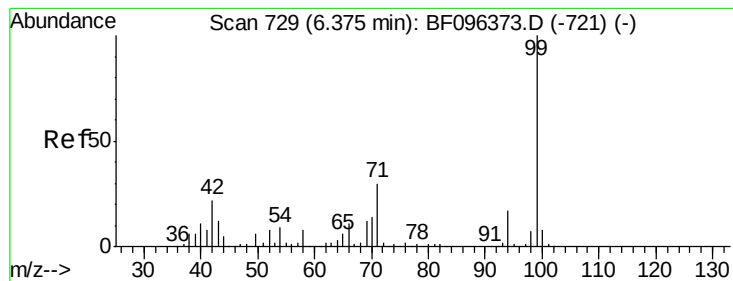
2-Fluorophenol
Concen: 10.53 ng
RT: 5.29 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF096631.D
Acq: 11 Jul 2017 5:55

Tgt Ion	Ratio	Lower	Upper
112	100		
64	61.8	46.0	69.0
63	31.8	23.4	35.0



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BF0
Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 10.06 ng

RT: 6.32 min Scan# 719

Delta R.T. -0.03 min

Lab File: BF096631.D

Acq: 11 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

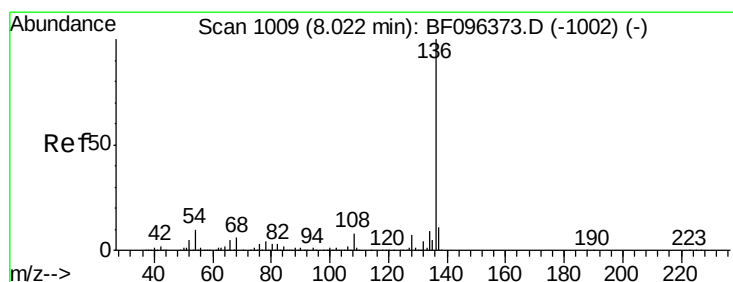
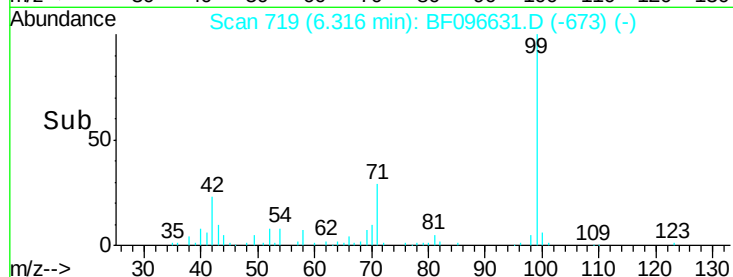
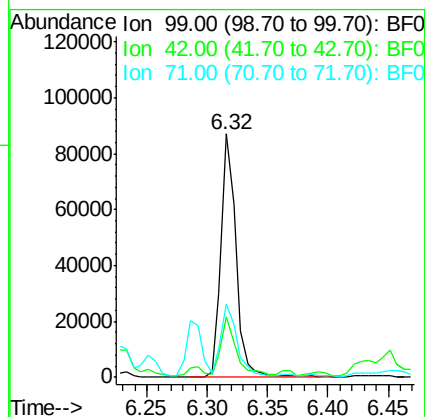
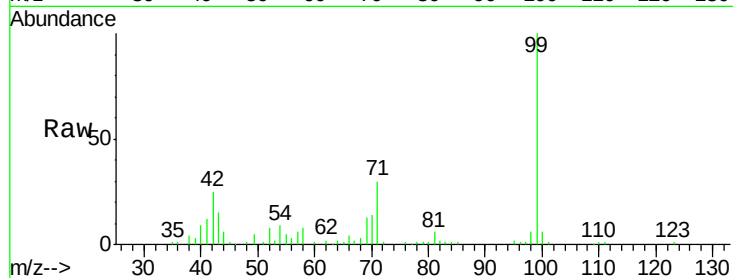
Tot Ion: 99 Resp: 74746

Ion Ratio Lower Upper

99 100

42 25.1 13.5 20.3#

71 30.2 24.5 36.7



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.97 min Scan# 1000

Delta R.T. -0.02 min

Lab File: BF096631.D

Acq: 11 Jul 2017 5:55

Tgt Ion: 136 Resp: 279890

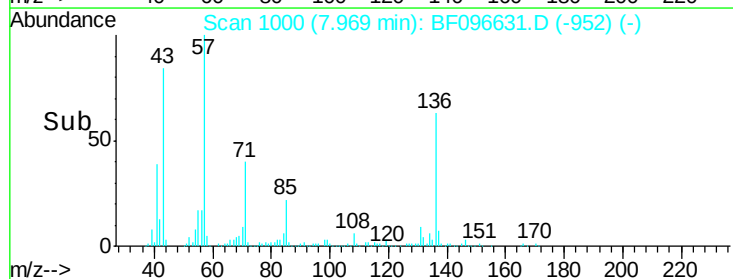
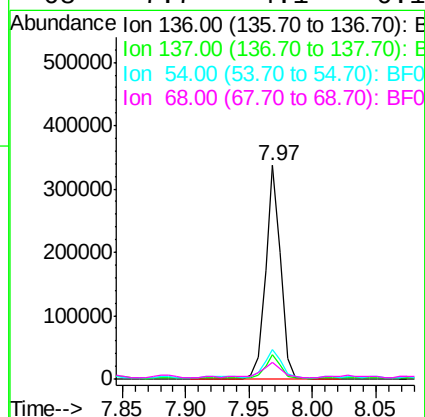
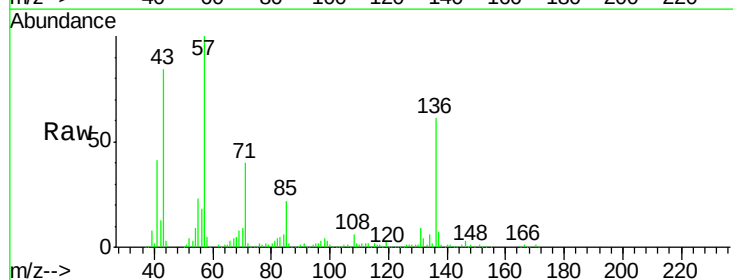
Ion Ratio Lower Upper

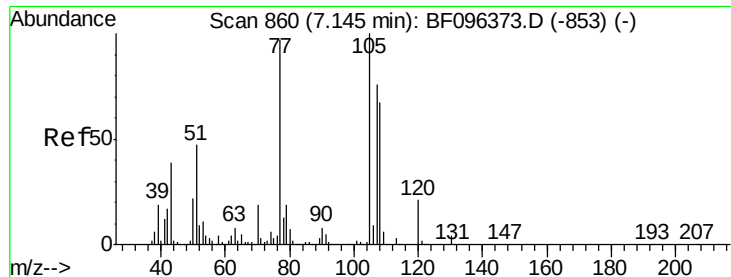
136 100

137 11.6 8.5 12.7

54 14.0 4.9 7.3#

68 7.7 4.1 6.1#





#22

Acetophenone

Concen: 6.30 ng

RT: 7.09 min Scan# 850

Delta R.T. -0.03 min

Lab File: BF096631.D

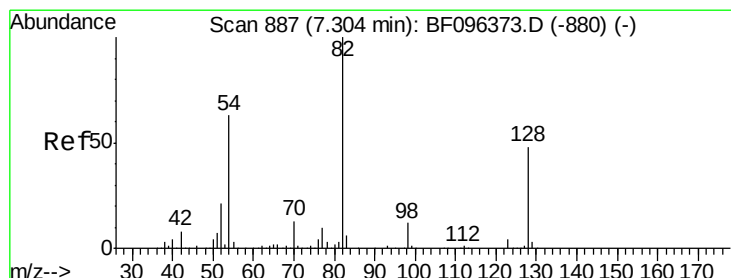
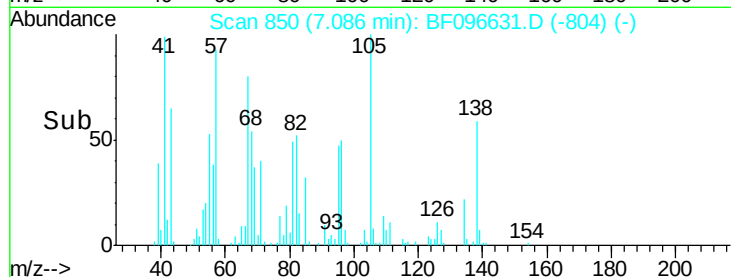
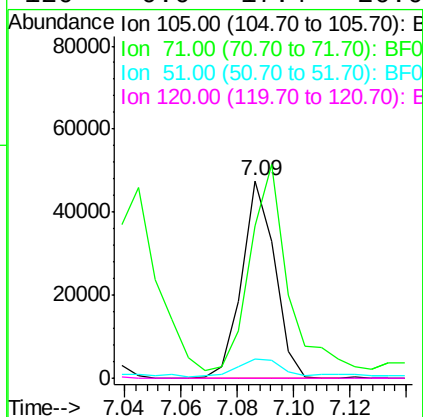
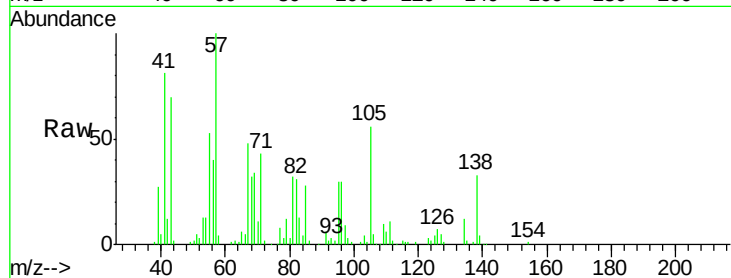
Acq: 11 Jul 2017 5:55

Instrument :

BNA_F

ClientSampled :

Tot Ion:	105	Resp:	38541
Ion Ratio	Lower	Upper	
105	100		
71	77.1	2.8	4.2#
51	9.5	30.7	46.1#
120	0.0	17.4	26.0#



#23

Nitrobenzene-d5

Concen: 11.14 ng

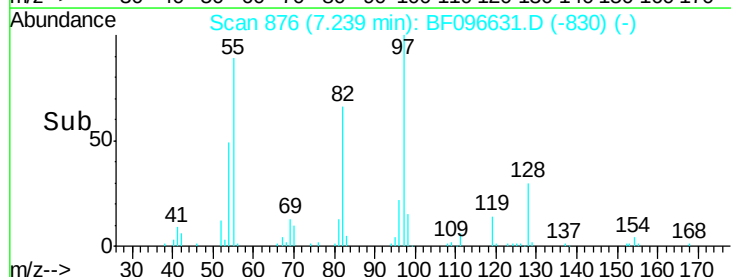
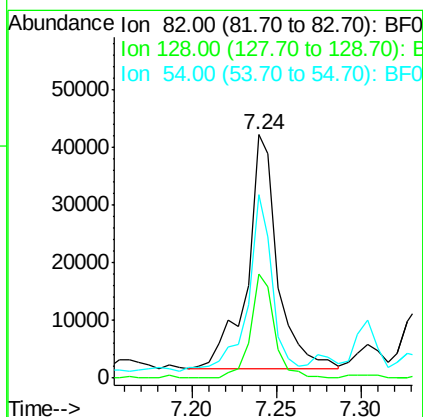
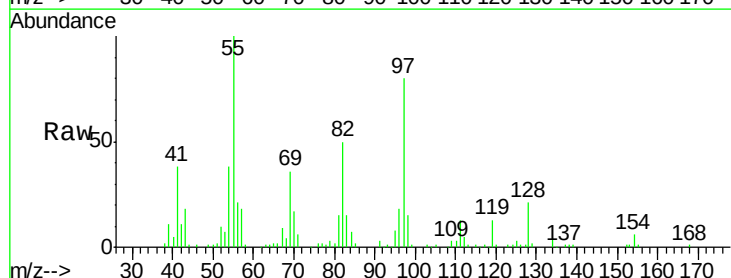
RT: 7.24 min Scan# 876

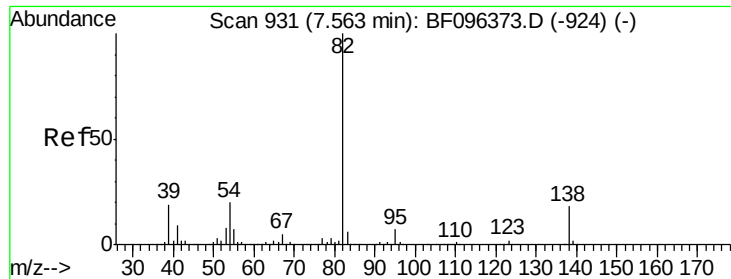
Delta R.T. -0.03 min

Lab File: BF096631.D

Acq: 11 Jul 2017 5:55

Tgt Ion:	82	Resp:	51911
Ion Ratio	Lower	Upper	
82	100		
128	42.8	34.0	51.0
54	75.5	42.2	63.2#





#25

Isophorone

Concen: 2.42 ng

RT: 7.50 min Scan# 921

Delta R.T. -0.02 min

Lab File: BF096631.D

Acq: 11 Jul 2017 5:55

Instrument :

BNA_F

ClientSampled :

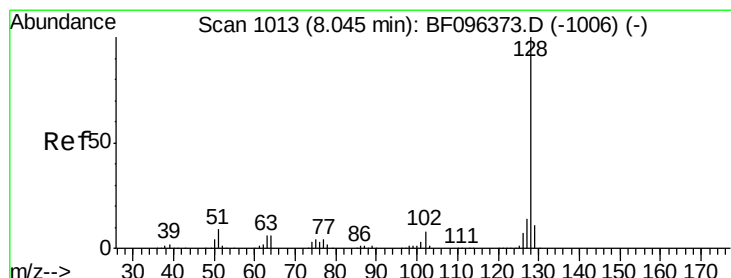
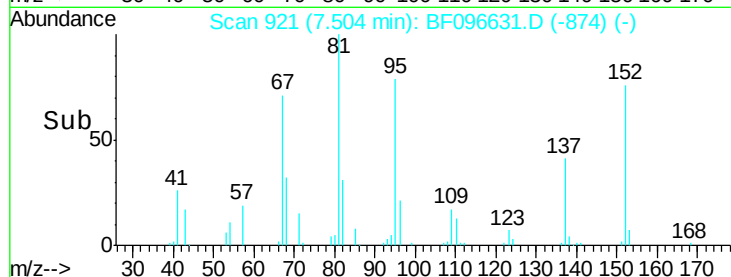
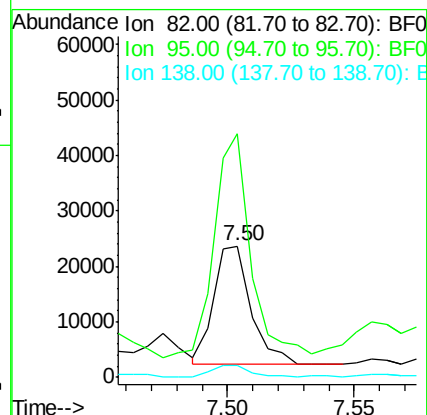
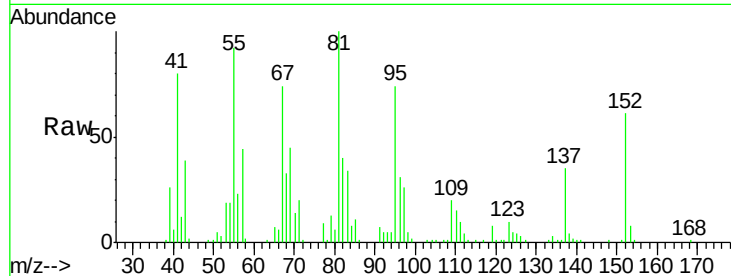
Tot Ion: 82 Resp: 21899

Ion Ratio Lower Upper

82 100

95 185.3 5.3 7.9#

138 9.3 13.1 19.7#



#31

Naphthalene

Concen: 2.26 ng

RT: 7.99 min Scan# 1004

Delta R.T. -0.01 min

Lab File: BF096631.D

Acq: 11 Jul 2017 5:55

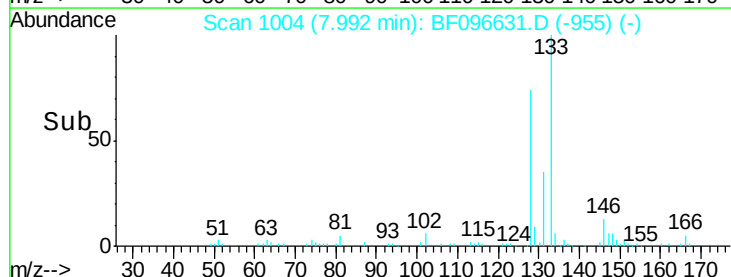
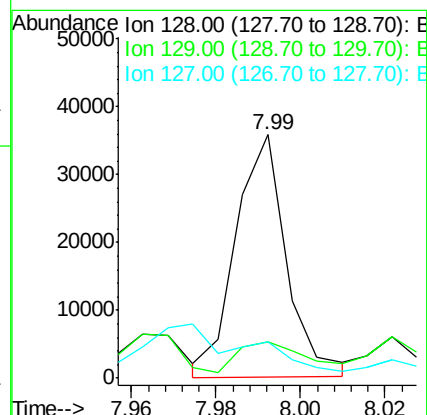
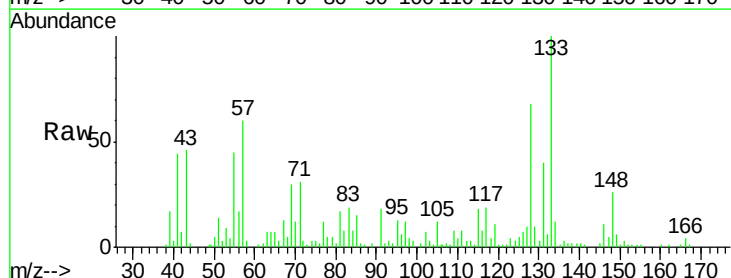
Tgt Ion: 128 Resp: 29860

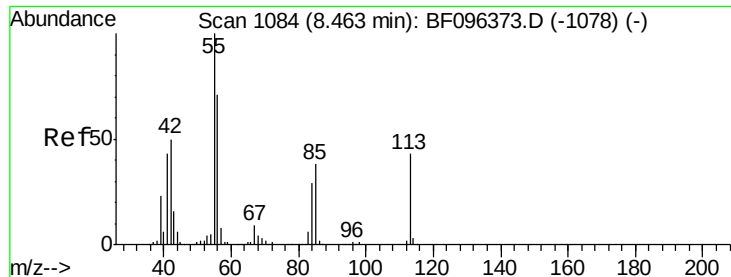
Ion Ratio Lower Upper

128 100

129 14.8 9.0 13.6#

127 15.0 10.8 16.2





#35

Caprolactam

Concen: 15.33 ng

RT: 8.41 min Scan# 1075

Delta R.T. -0.02 min

Lab File: BF096631.D

Acq: 11 Jul 2017 5:55

Instrument :

BNA_F

ClientSampleId :

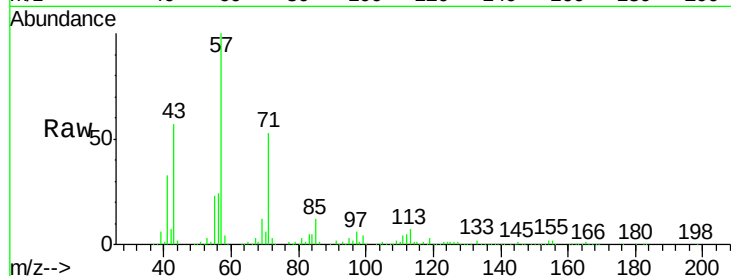
Tot Ion:113 Resp: 20084

Ion Ratio Lower Upper

113 100

55 349.3 150.2 190.2#

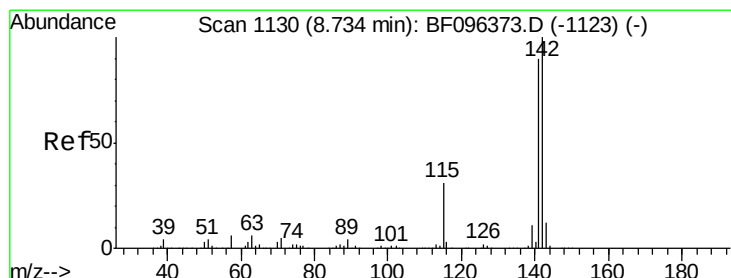
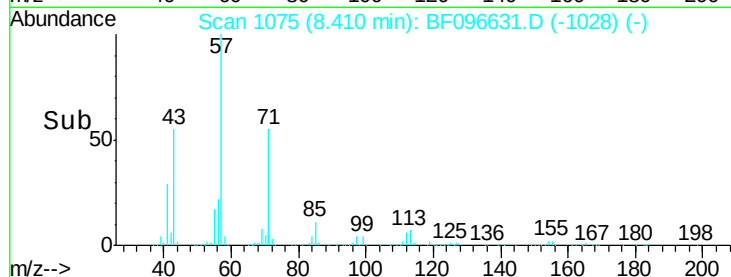
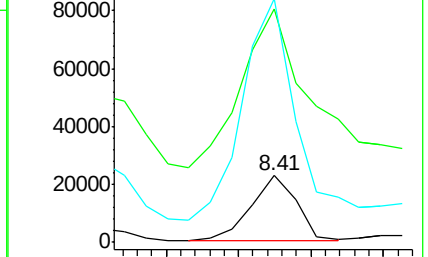
56 364.9 107.8 147.8#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BF0

Ion 56.00 (55.70 to 56.70): BF0



#37

2-Methylnaphthalene

Concen: 8.46 ng

RT: 8.68 min Scan# 1121

Delta R.T. -0.02 min

Lab File: BF096631.D

Acq: 11 Jul 2017 5:55

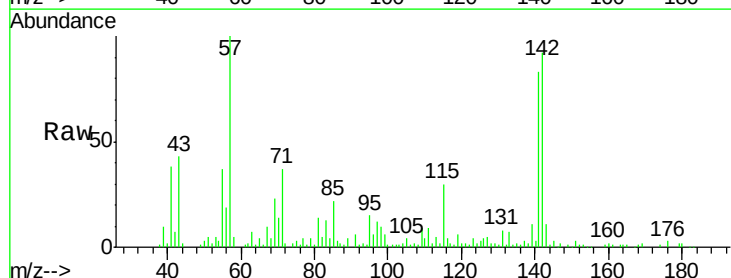
Tgt Ion:142 Resp: 71138

Ion Ratio Lower Upper

142 100

141 91.1 71.3 106.9

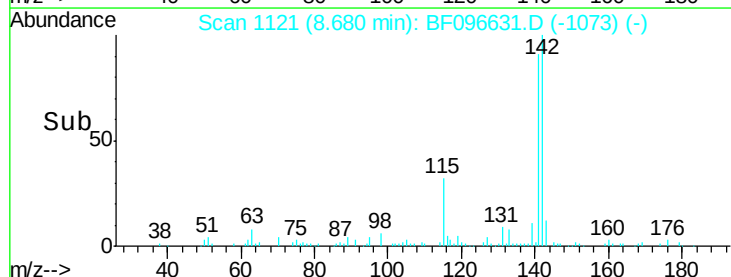
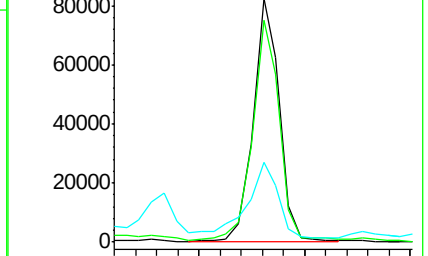
115 32.5 27.1 40.7

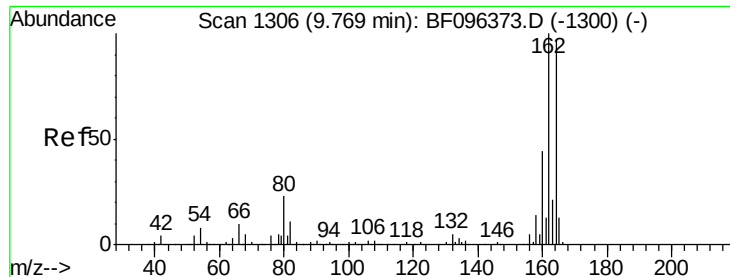


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E

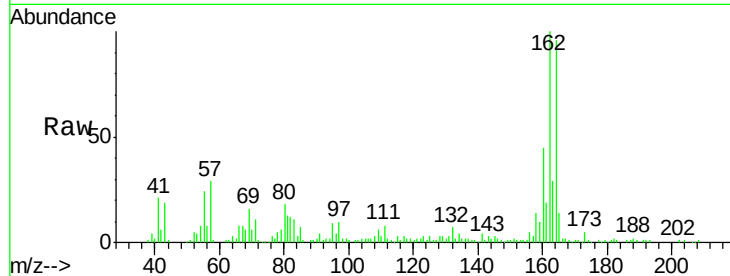




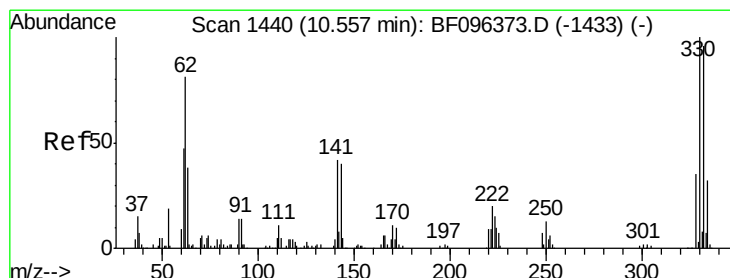
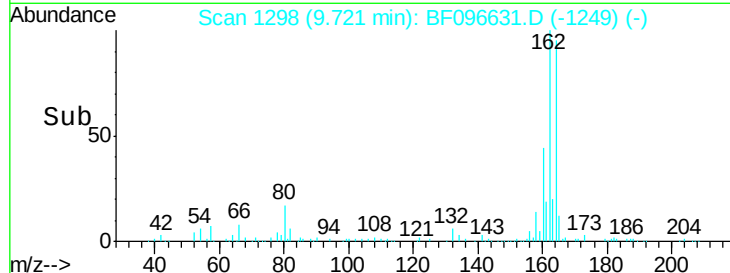
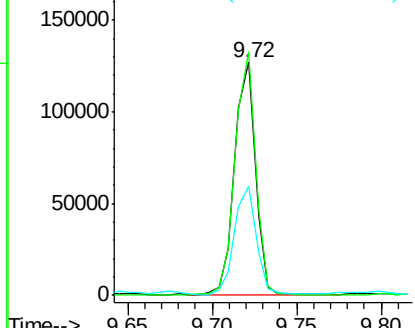
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.72 min Scan# 1298
 Delta R.T. -0.01 min
 Lab File: BF096631.D
 Acq: 11 Jul 2017 5:55

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 108484
 Ion Ratio Lower Upper
 164 100
 162 104.4 82.6 123.8
 160 46.9 36.2 54.2

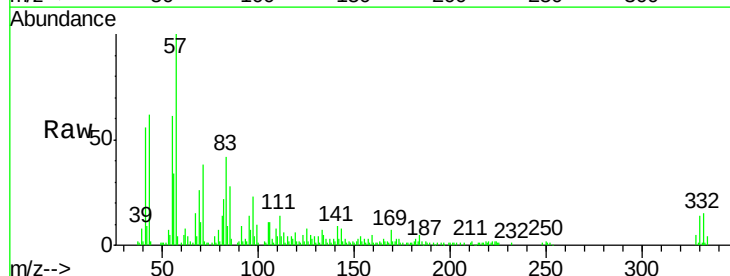


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

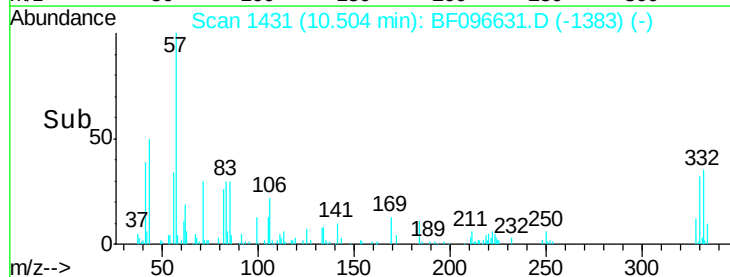
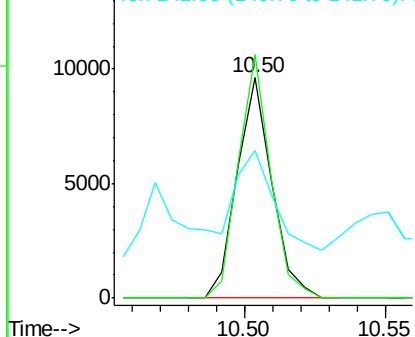


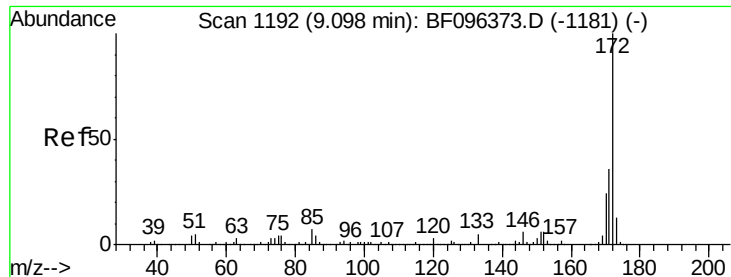
#41
 2,4,6-Tribromophenol
 Concen: 9.69 ng
 RT: 10.50 min Scan# 1431
 Delta R.T. -0.02 min
 Lab File: BF096631.D
 Acq: 11 Jul 2017 5:55

Tgt Ion:330 Resp: 8209
 Ion Ratio Lower Upper
 330 100
 332 103.0 76.6 115.0
 141 50.9 31.4 47.2#



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

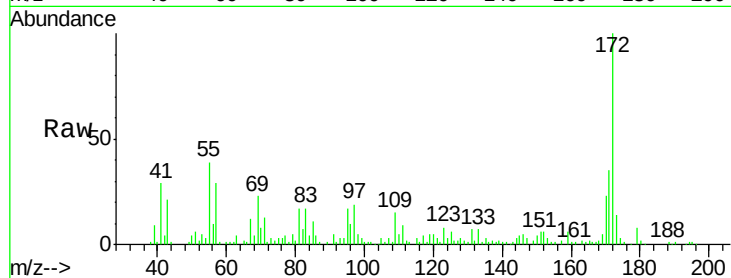




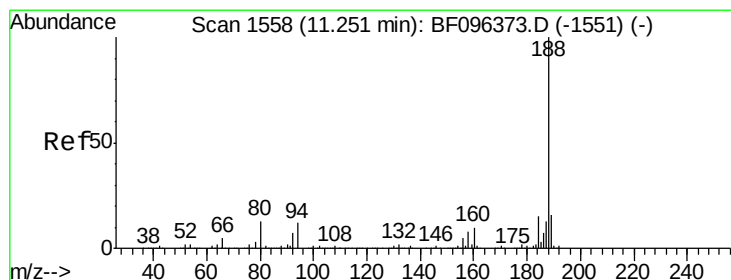
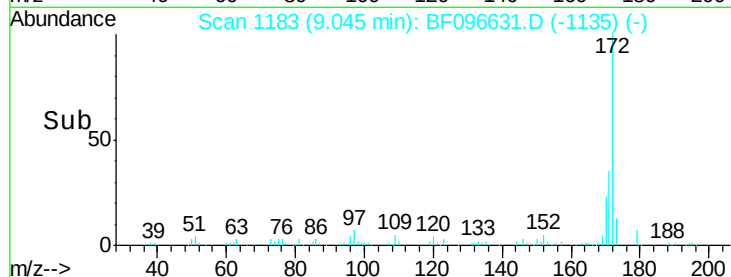
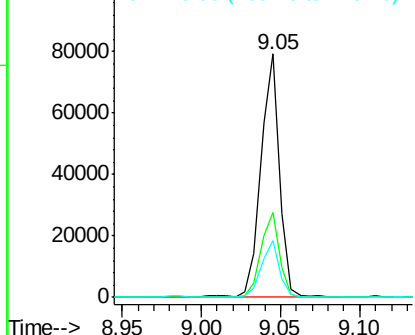
#44
2-Fluorobiphenyl
Concen: 10.31 ng
RT: 9.05 min Scan# 1183
Delta R.T. -0.02 min
Lab File: BF096631.D
Acq: 11 Jul 2017 5:55

Instrument :
BNA_F
ClientSampled :

Tot Ion:172 Resp: 65389
Ion Ratio Lower Upper
172 100
171 35.1 29.6 44.4
170 23.2 19.8 29.8

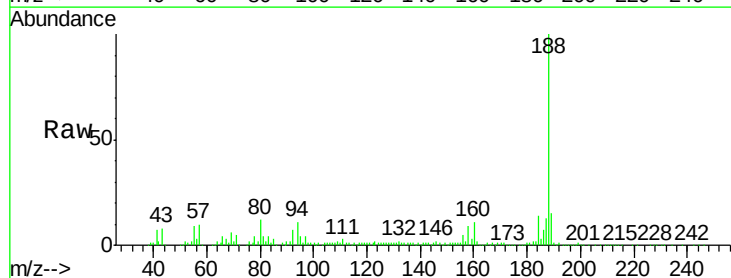


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

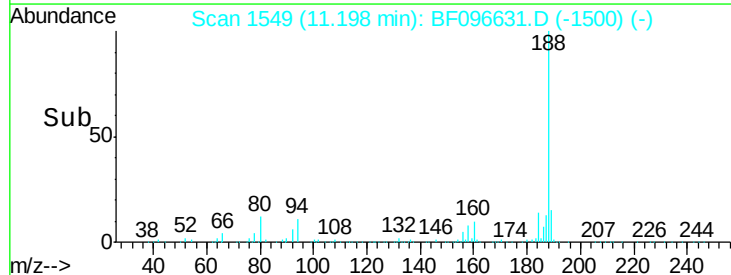
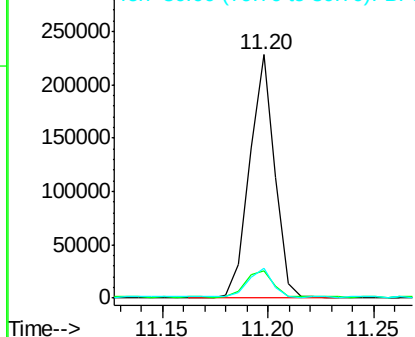


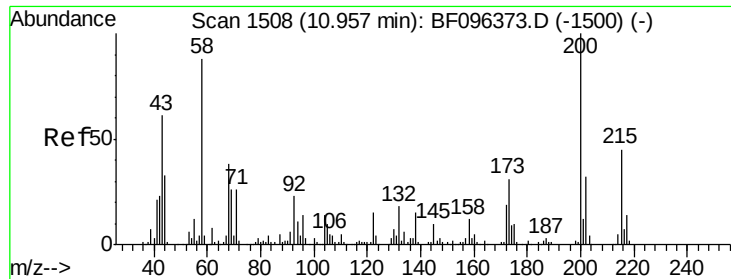
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.20 min Scan# 1549
Delta R.T. -0.01 min
Lab File: BF096631.D
Acq: 11 Jul 2017 5:55

Tgt Ion:188 Resp: 189072
Ion Ratio Lower Upper
188 100
94 11.4 9.4 14.2
80 12.2 10.2 15.2



Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0





#68

Atrazine

Concen: 2.18 ng

RT: 10.92 min Scan# 1502

Delta R.T. -0.00 min

Lab File: BF096631.D

Acq: 11 Jul 2017 5:55

Instrument :

BNA_F

ClientSampled :

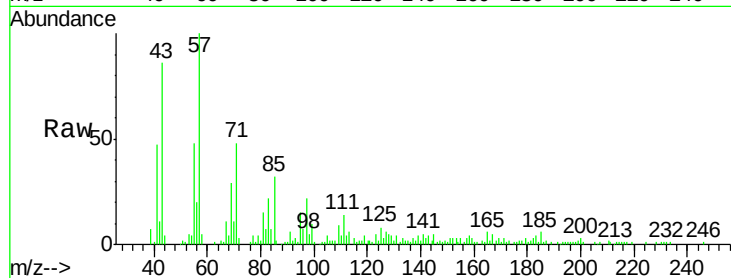
Tot Ion:200 Resp: 4140

Ion Ratio Lower Upper

200 100

173 60.2 6.3 46.3#

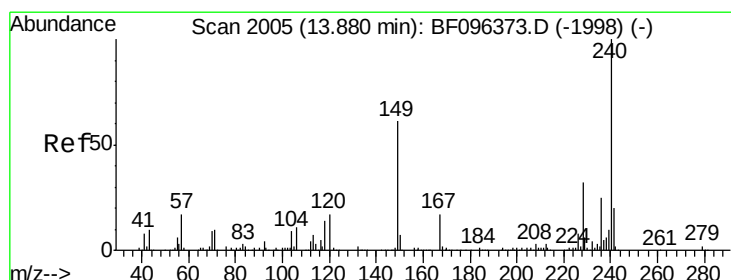
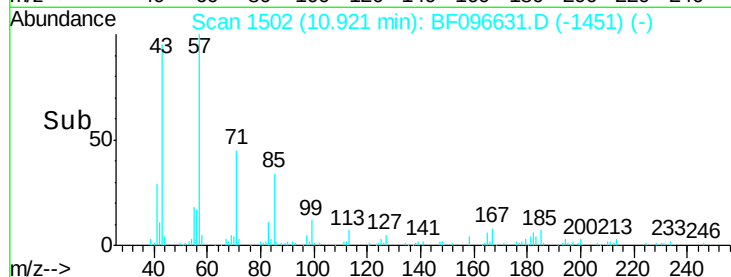
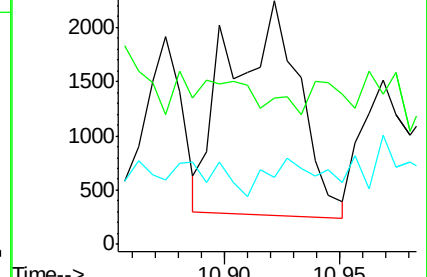
215 27.3 27.2 67.2



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1996

Delta R.T. -0.02 min

Lab File: BF096631.D

Acq: 11 Jul 2017 5:55

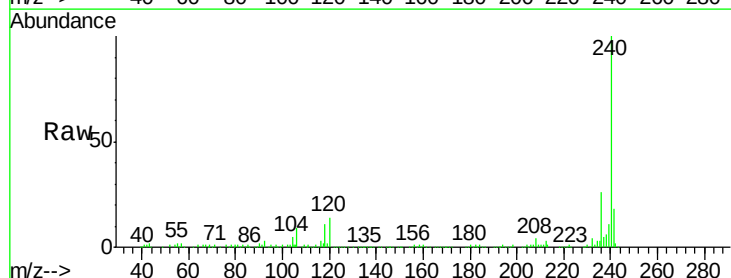
Tgt Ion:240 Resp: 197049

Ion Ratio Lower Upper

240 100

120 13.6 5.8 8.8#

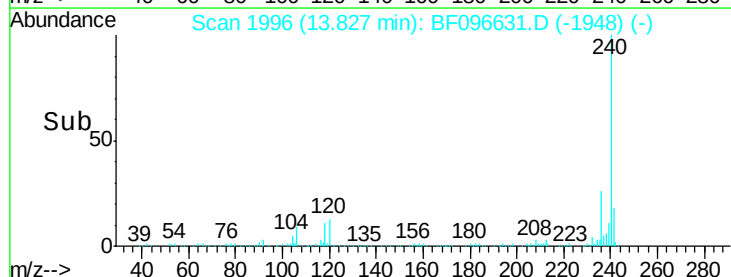
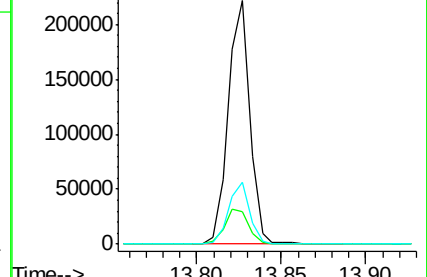
236 25.6 20.5 30.7

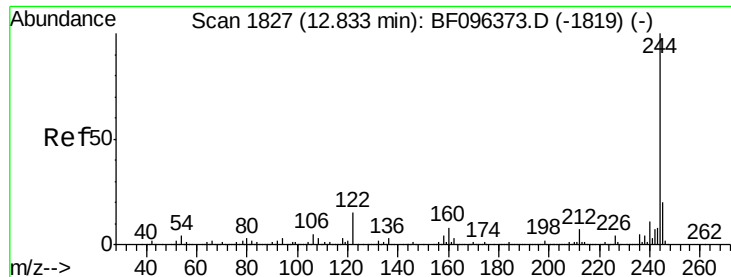


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

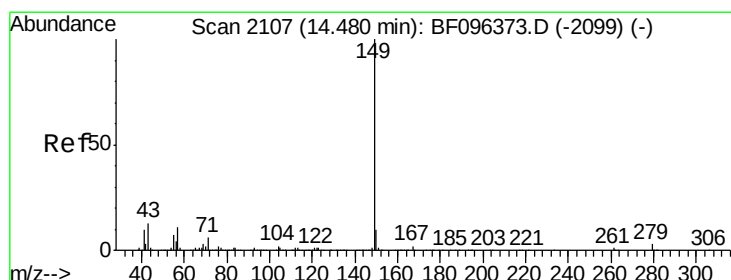
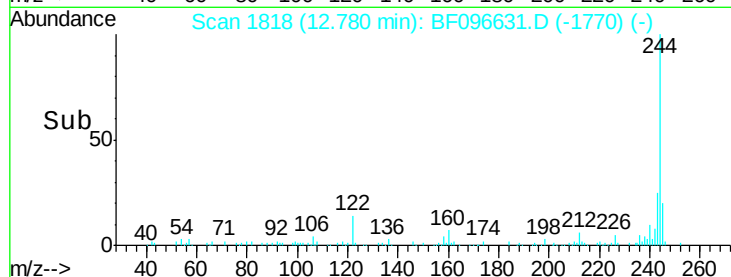
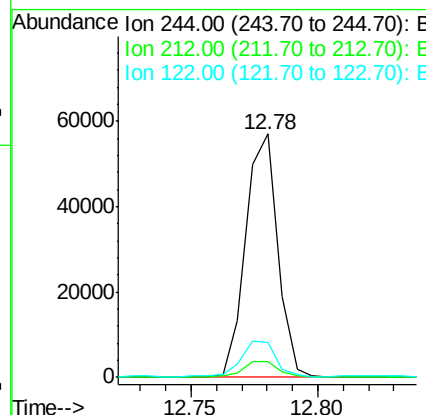
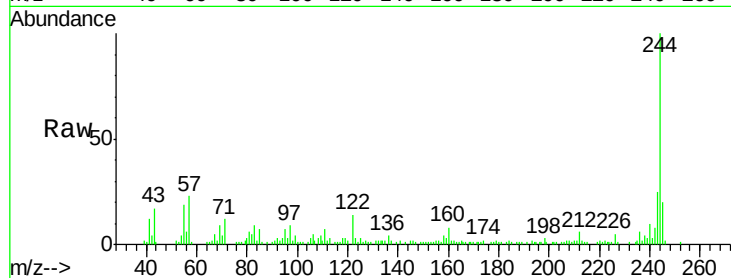




#78
 Terphenyl-d14
 Concen: 5.44 ng
 RT: 12.78 min Scan# 1818
 Delta R.T. -0.02 min
 Lab File: BF096631.D
 Acq: 11 Jul 2017 5:55

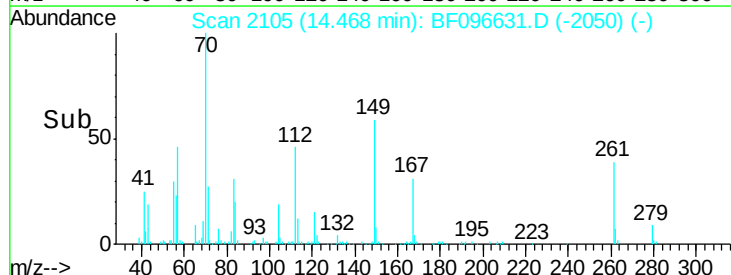
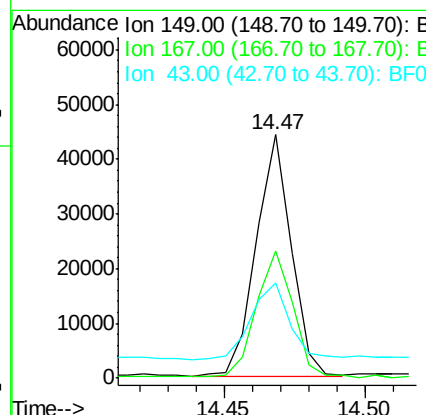
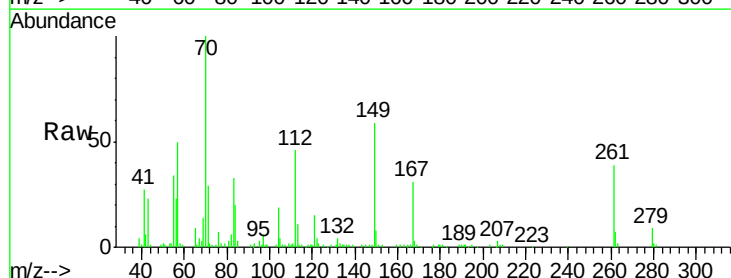
Instrument :
 BNA_F
 ClientSampleId :

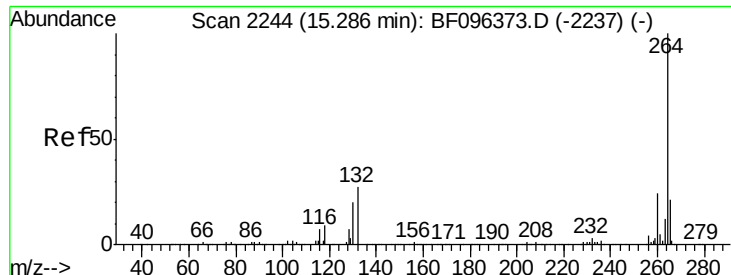
Tot Ion:244 Resp: 50180
 Ion Ratio Lower Upper
 244 100
 212 6.4 6.0 9.0
 122 14.3 10.3 15.5



#84
 Di-n-octyl phthalate
 Concen: 2.18 ng
 RT: 14.47 min Scan# 2105
 Delta R.T. 0.02 min
 Lab File: BF096631.D
 Acq: 11 Jul 2017 5:55

Tgt Ion:149 Resp: 38345
 Ion Ratio Lower Upper
 149 100
 167 55.3 1.2 1.8#
 43 34.8 8.5 12.7#

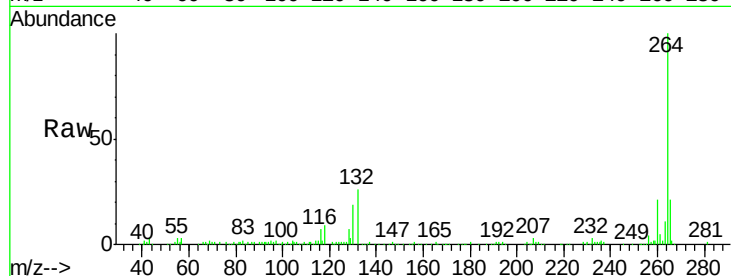




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.22 min Scan# 2233
Delta R.T. -0.02 min
Lab File: BF096631.D
Acq: 11 Jul 2017 5:55

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.2	19.5	29.3
265	20.8	17.2	25.8



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

