

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
 Data File : BF096301.D
 Acq On : 29 Jun 2017 19:40
 Operator : SJ/MA
 Sample : I3926-01
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jun 30 01:07:59 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 28 15:41:49 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.77	152	177389	20.00	ng	-0.01
21) Naphthalene-d8	8.05	136	743964	20.00	ng	0.00
38) Acenaphthene-d10	9.80	164	309843	20.00	ng	0.00
63) Phenanthrene-d10	11.28	188	487533	20.00	ng	0.00
75) Chrysene-d12	13.92	240	302865	20.00	ng	0.00
86) Perylene-d12	15.34	264	312277	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.39	112	1211861	98.42	ng	0.01
7) Phenol-d6	6.40	99	1499876	100.60	ng	0.01
23) Nitrobenzene-d5	7.33	82	891158	82.92	ng	-0.03
41) 2,4,6-Tribromophenol	10.59	330	290005	118.93	ng	0.00
44) 2-Fluorobiphenyl	9.13	172	1387478	82.01	ng	-0.02
78) Terphenyl-d14	12.87	244	885452	72.95	ng	0.00

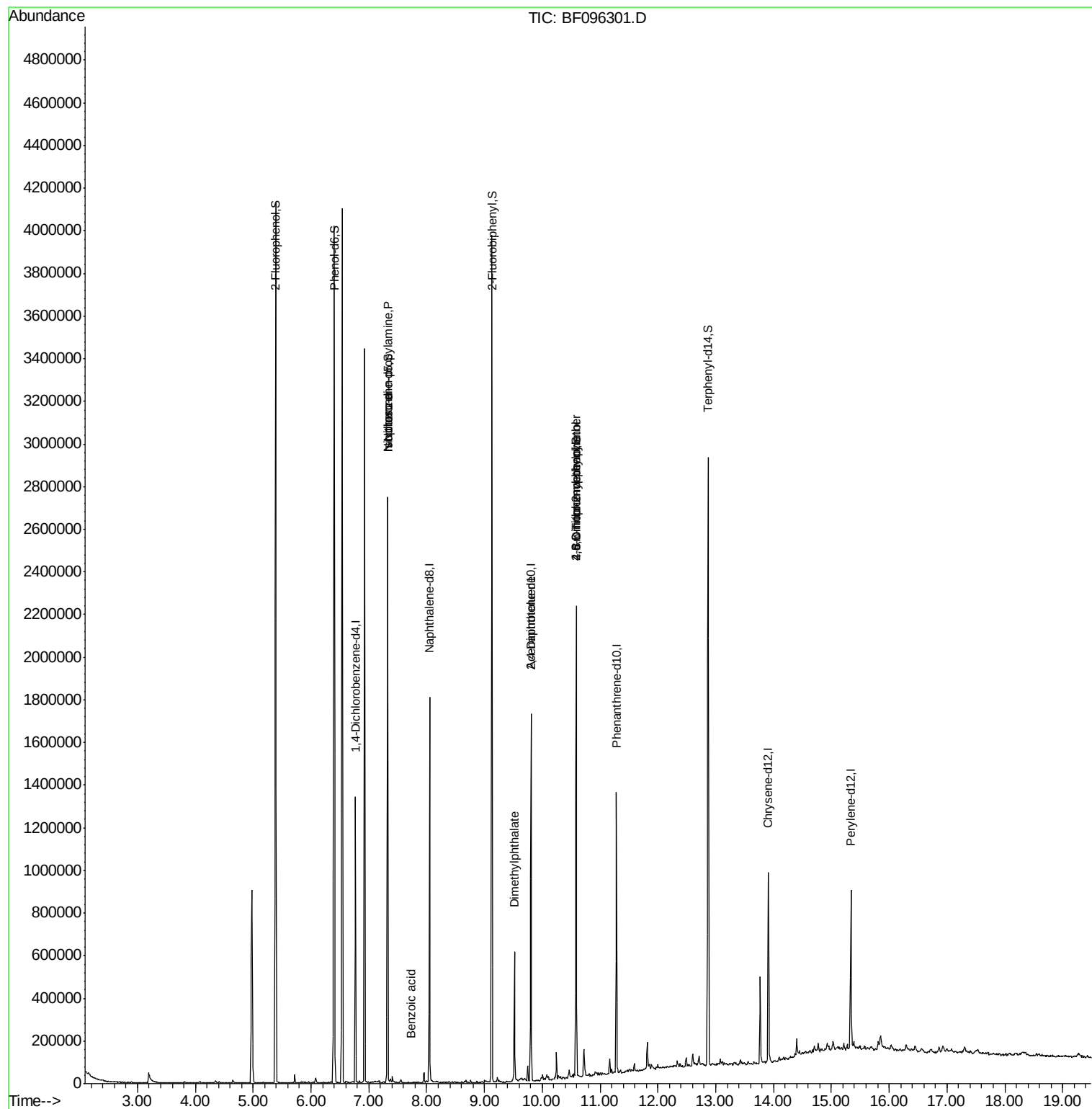
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.40	77	1912	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.33	70	117578	13.16	ng	86
25) Isophorone	7.33	82	890952	36.50	ng	67
32) Benzoic acid	7.73	122	158	8.80	ng	1
49) Dimethylphthalate	9.52	163	251139	11.33	ng	100
56) 2,4-Dinitrotoluene	9.80	165	40573	6.98	ng	33
57) Fluorene	10.35	166	812	Below Cal	#	76
64) 4,6-Dinitro-2-methylphenol	10.59	198	416	8.88	ng	1
66) 4-Bromophenyl-phenylether	10.59	248	16047	3.20	ng	1
70) Phenanthrene	11.30	178	7204	Below Cal		95

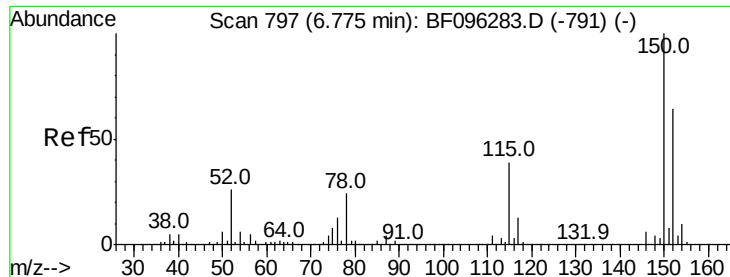
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF062917\
Data File : BF096301.D
Acq On : 29 Jun 2017 19:40
Operator : SJ/MA
Sample : I3926-01
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :

Quant Time: Jun 30 01:07:59 2017
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF062717.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Jun 28 15:41:49 2017
Response via : Initial Calibration



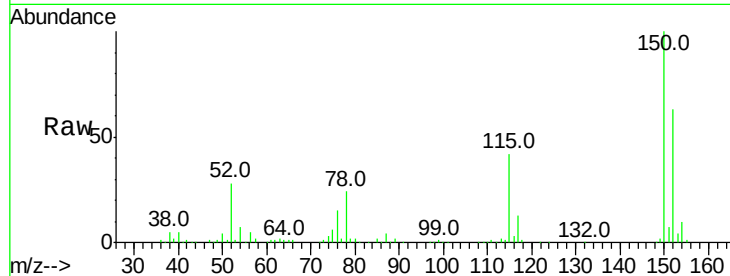


#1

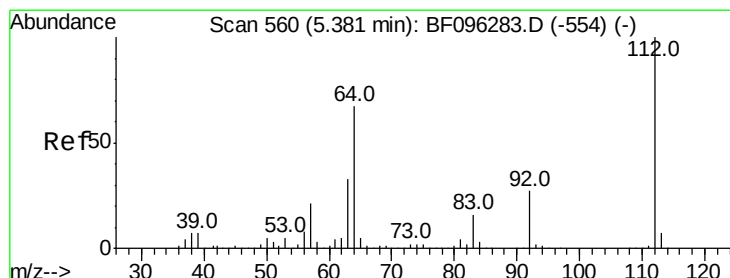
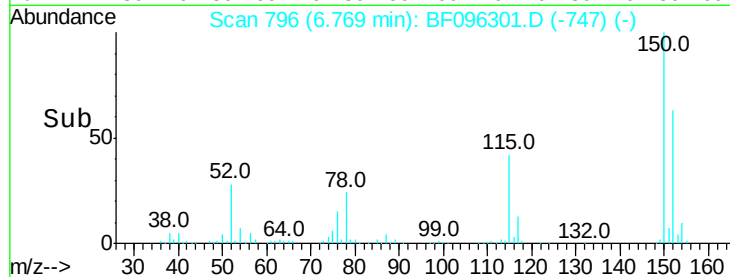
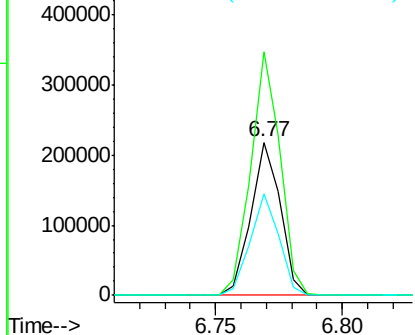
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.77 min Scan# 796
Delta R.T. -0.01 min
Lab File: BF096301.D
Acq: 29 Jun 2017 19:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 177389
Ion Ratio Lower Upper
152 100
150 159.4 126.2 189.2
115 66.3 52.2 78.2



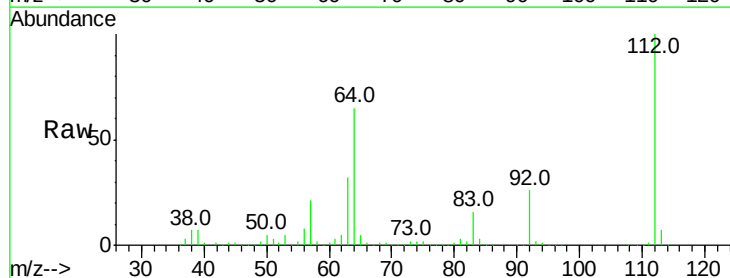
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



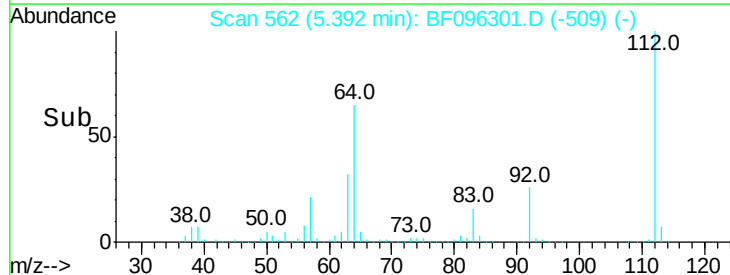
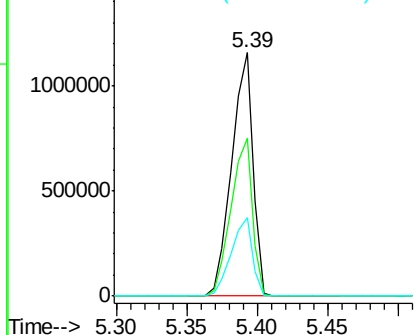
#5

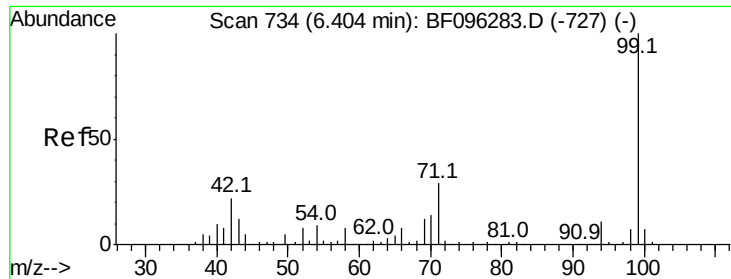
2-Fluorophenol
Concen: 98.42 ng
RT: 5.39 min Scan# 562
Delta R.T. 0.01 min
Lab File: BF096301.D
Acq: 29 Jun 2017 19:40

Tgt Ion:112 Resp: 1211861
Ion Ratio Lower Upper
112 100
64 65.1 46.0 69.0
63 32.3 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: 100.60 ng

RT: 6.40 min Scan# 734

Delta R.T. 0.01 min

Lab File: BF096301.D

Acq: 29 Jun 2017 19:40

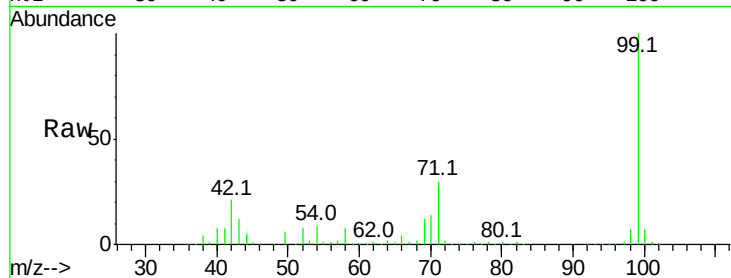
Instrument :

BNA_F

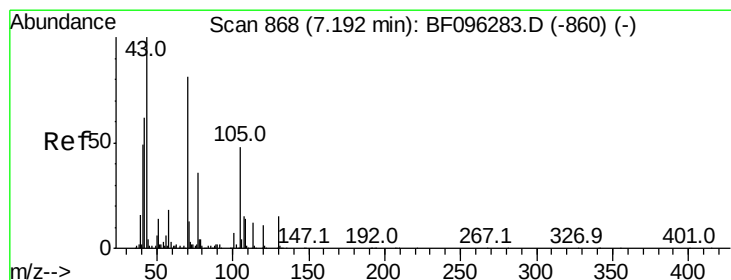
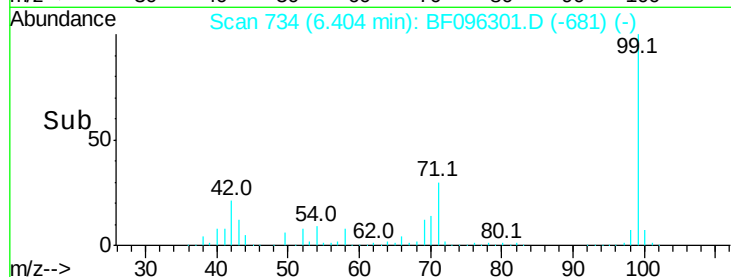
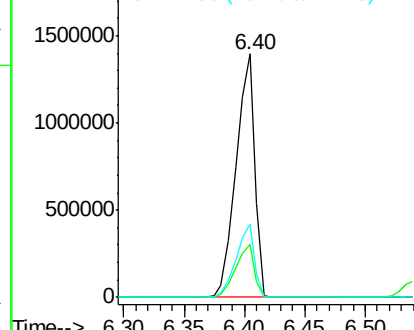
ClientSampleId :

Tot Ion: 99 Resp: 1499876

Ion	Ratio	Lower	Upper
99	100		
42	21.5	13.5	20.3#
71	30.0	24.5	36.7



Abundance Ion 99.00 (98.70 to 99.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 71.00 (70.70 to 71.70): BF0



#19

n-Nitroso-di-n-propylamine

Concen: 13.16 ng

RT: 7.33 min Scan# 891

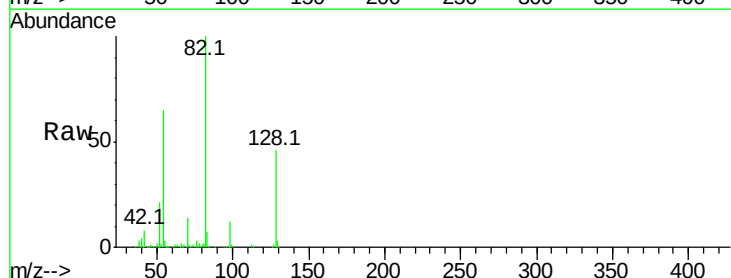
Delta R.T. 0.15 min

Lab File: BF096301.D

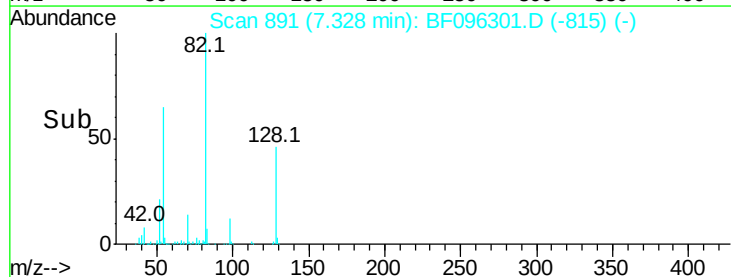
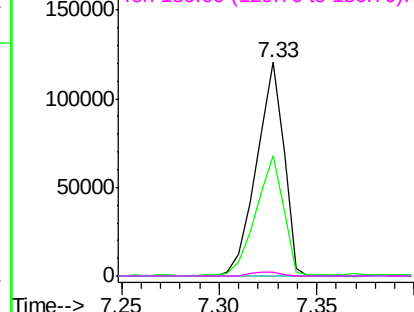
Acq: 29 Jun 2017 19:40

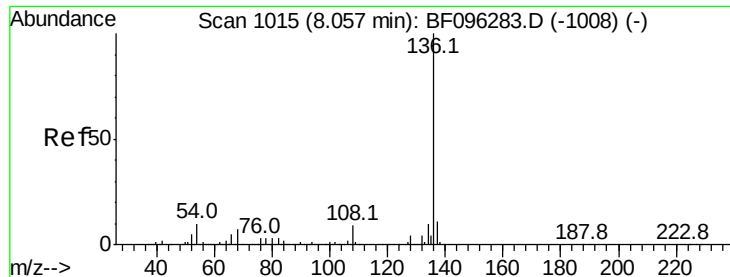
Tgt Ion: 70 Resp: 117578

Ion	Ratio	Lower	Upper
70	100		
42	56.3	47.2	70.8
101	0.0	7.2	10.8#
130	2.0	15.9	23.9#



Abundance Ion 70.00 (69.70 to 70.70): BF0
Ion 42.00 (41.70 to 42.70): BF0
Ion 101.00 (100.70 to 101.70): E
Ion 130.00 (129.70 to 130.70): E

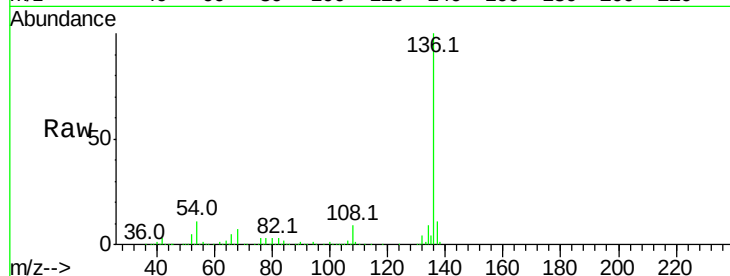




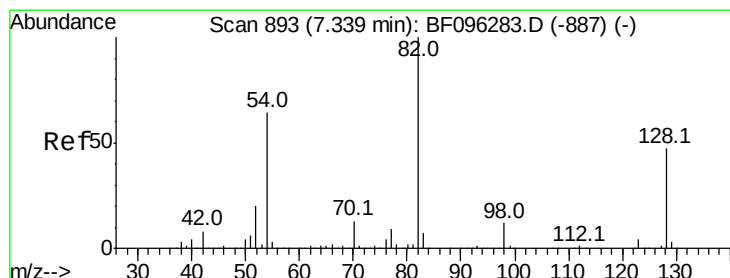
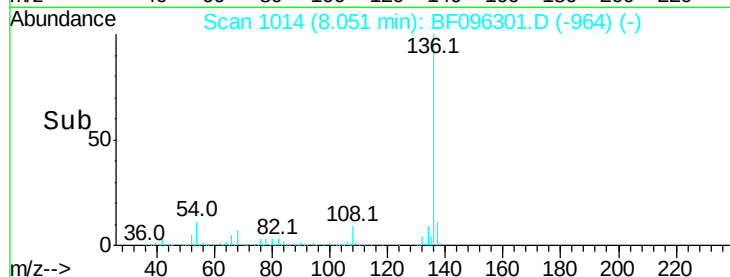
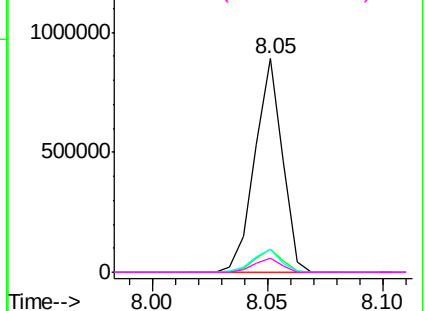
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 1014
Delta R.T. -0.01 min
Lab File: BF096301.D
Acq: 29 Jun 2017 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	136	Resp:	743964
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.5	12.7
54	10.8	4.9	7.3#
68	6.6	4.1	6.1#

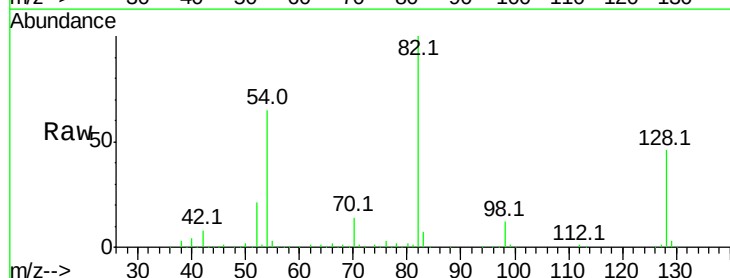


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

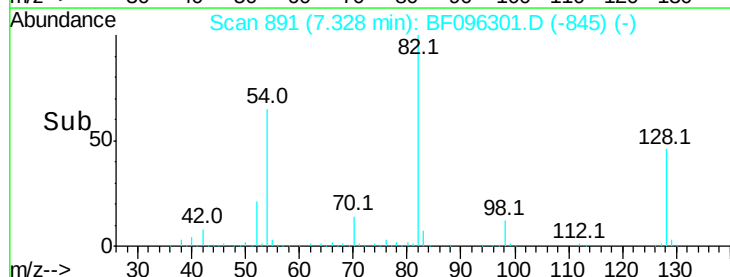
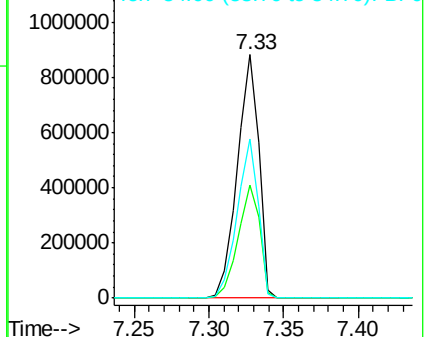


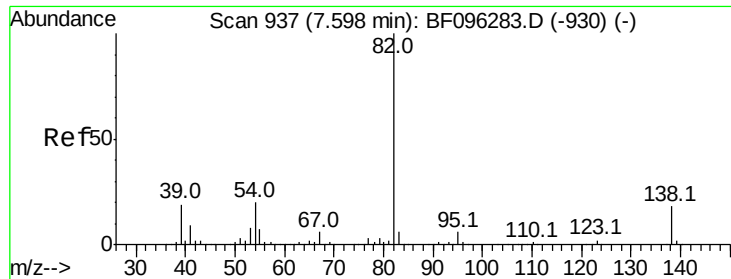
#23
Nitrobenzene-d5
Concen: 82.92 ng
RT: 7.33 min Scan# 891
Delta R.T. -0.03 min
Lab File: BF096301.D
Acq: 29 Jun 2017 19:40

Tgt Ion:	82	Resp:	891158
Ion	Ratio	Lower	Upper
82	100		
128	46.4	34.0	51.0
54	65.2	42.2	63.2#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 36.50 ng

RT: 7.33 min Scan# 891

Delta R.T. -0.26 min

Lab File: BF096301.D

Acq: 29 Jun 2017 19:40

Instrument :

BNA_F

ClientSampleId :

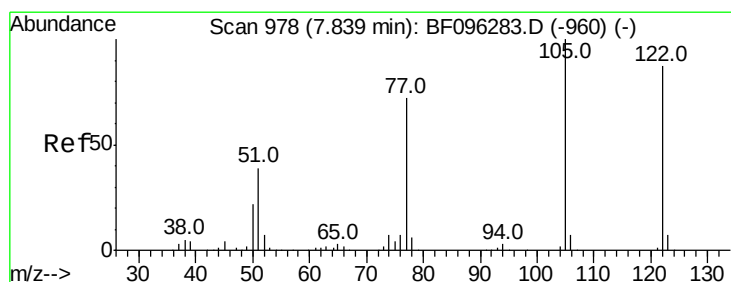
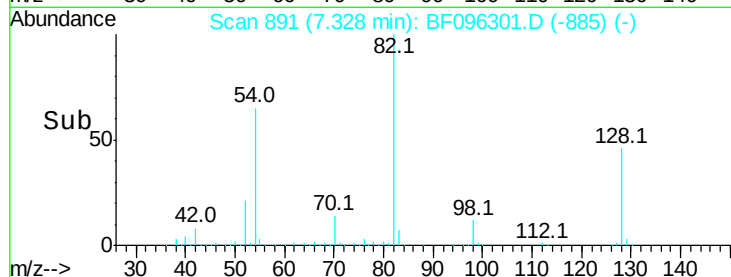
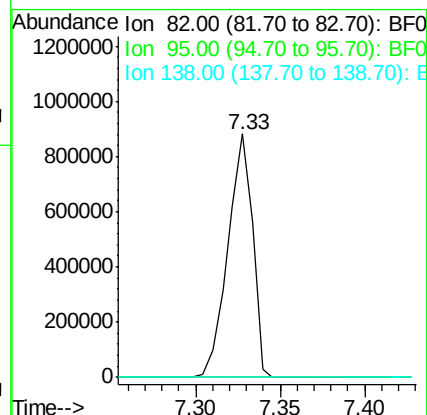
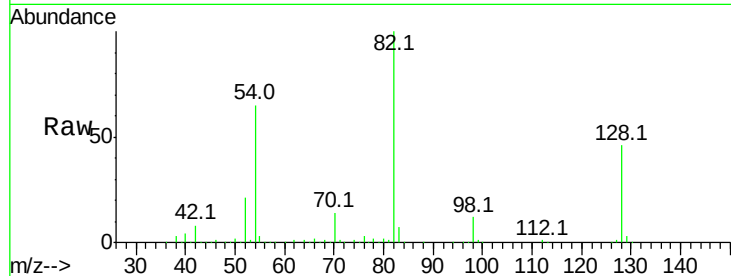
Tot Ion: 82 Resp: 890952

Ion Ratio Lower Upper

82 100

95 0.0 5.3 7.9#

138 0.0 13.1 19.7#



#32

Benzoic acid

Concen: 8.80 ng

RT: 7.73 min Scan# 960

Delta R.T. -0.15 min

Lab File: BF096301.D

Acq: 29 Jun 2017 19:40

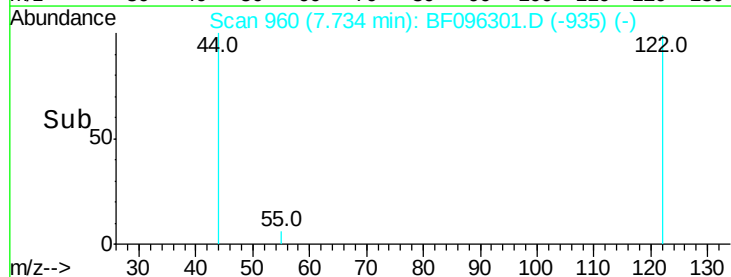
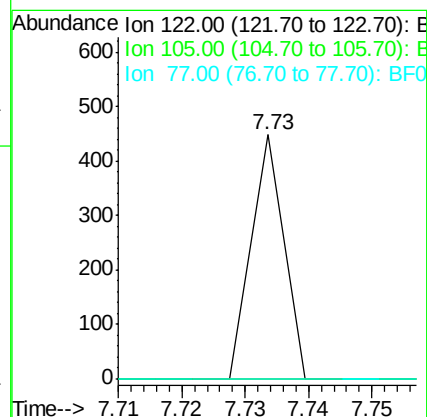
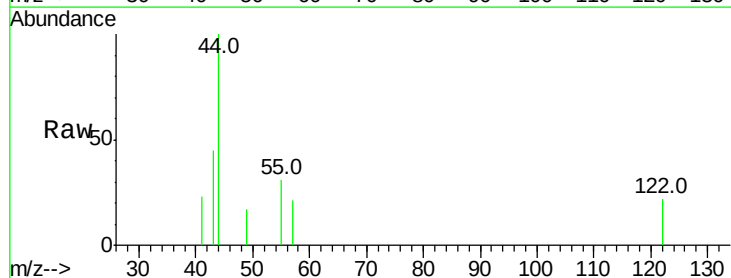
Tgt Ion: 122 Resp: 158

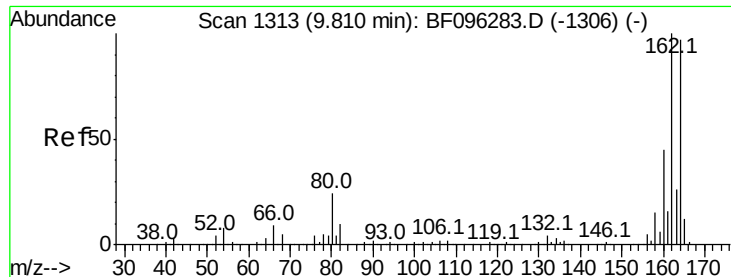
Ion Ratio Lower Upper

122 100

105 0.0 103.3 143.3#

77 0.0 73.7 113.7#

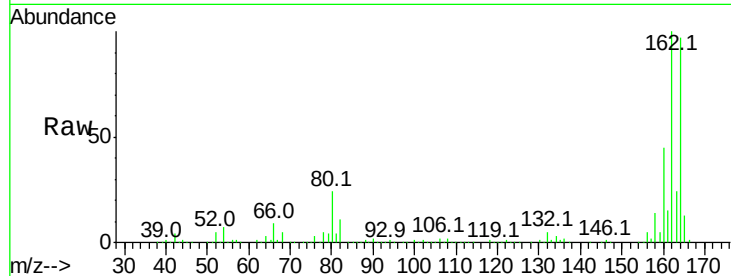




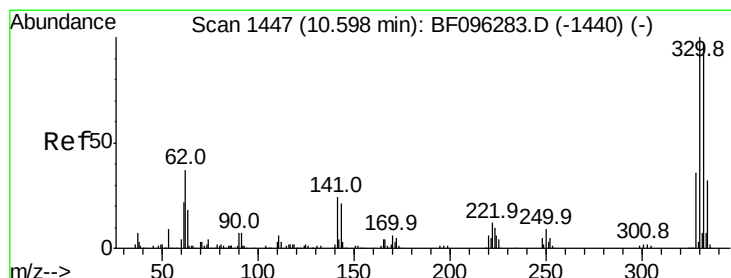
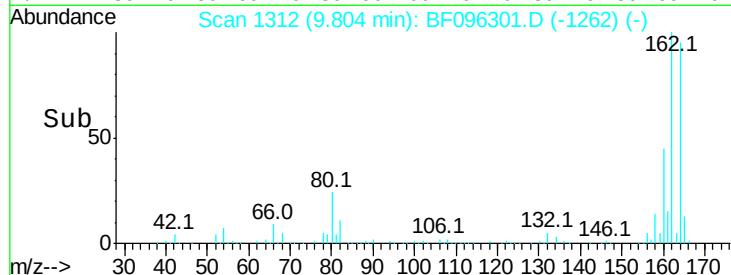
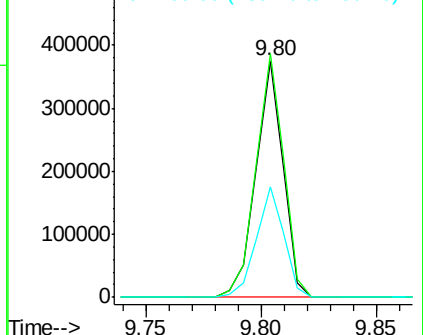
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.80 min Scan# 1312
 Delta R.T. -0.01 min
 Lab File: BF096301.D
 Acq: 29 Jun 2017 19:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:164 Resp: 309843
 Ion Ratio Lower Upper
 164 100
 162 103.0 82.6 123.8
 160 46.6 36.2 54.2

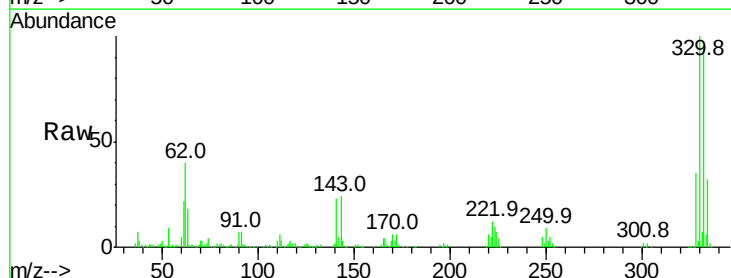


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

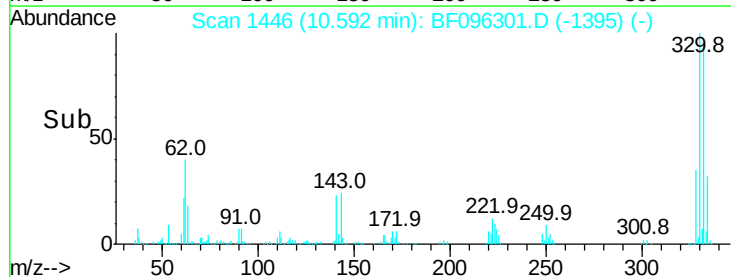
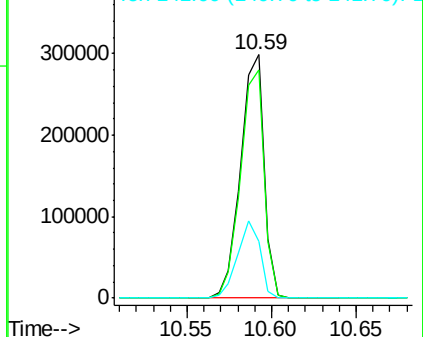


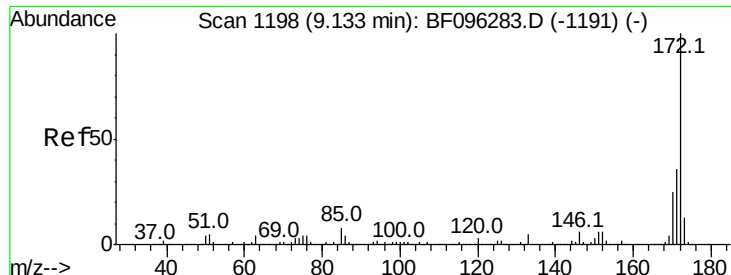
#41
 2,4,6-Tribromophenol
 Concen: 118.93 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. -0.00 min
 Lab File: BF096301.D
 Acq: 29 Jun 2017 19:40

Tgt Ion:330 Resp: 290005
 Ion Ratio Lower Upper
 330 100
 332 94.9 76.6 115.0
 141 30.6 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

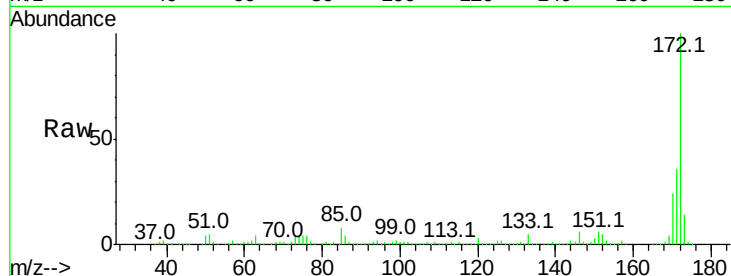




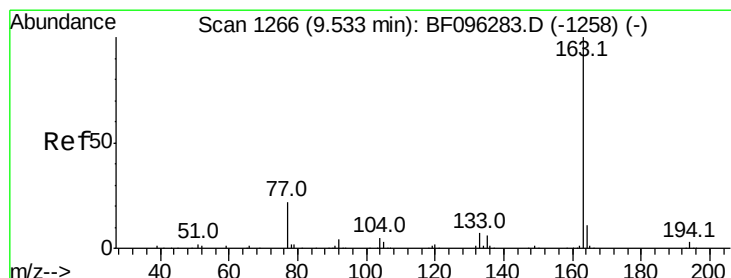
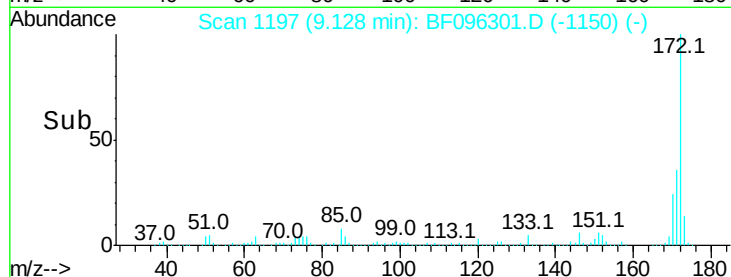
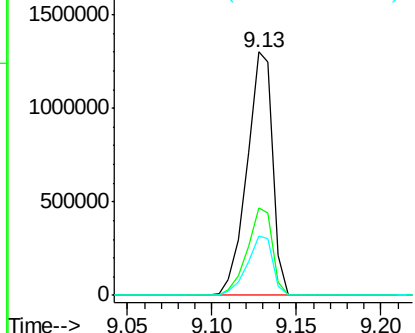
#44
2-Fluorobiphenyl
Concen: 82.01 ng
RT: 9.13 min Scan# 1197
Delta R.T. -0.02 min
Lab File: BF096301.D
Acq: 29 Jun 2017 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1387478
Ion Ratio Lower Upper
172 100
171 36.1 29.6 44.4
170 24.3 19.8 29.8

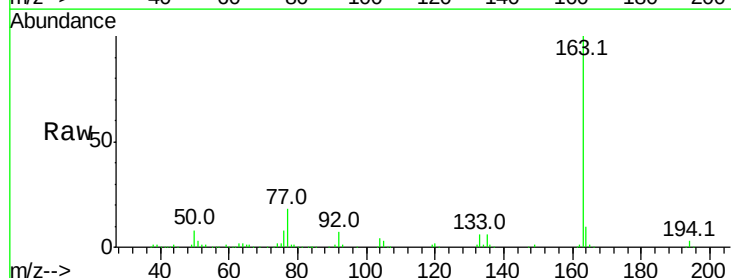


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

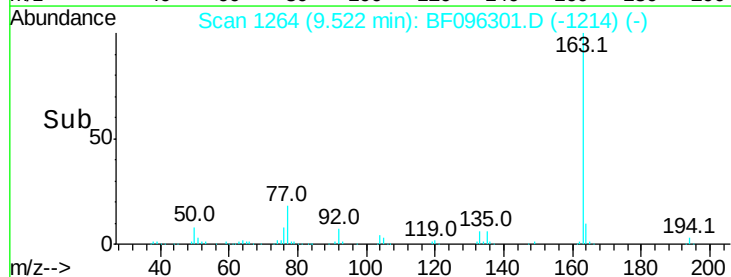
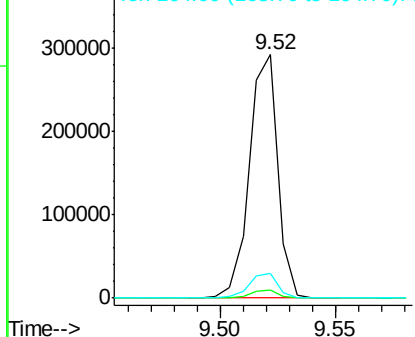


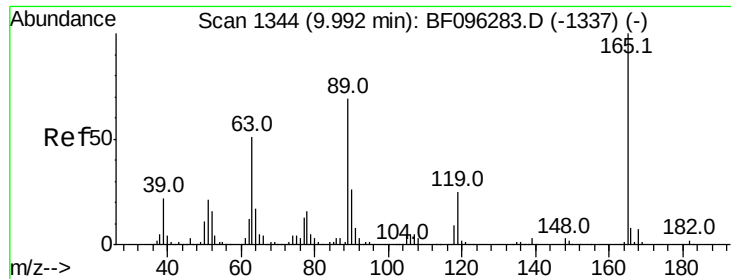
#49
Dimethylphthalate
Concen: 11.33 ng
RT: 9.52 min Scan# 1264
Delta R.T. -0.01 min
Lab File: BF096301.D
Acq: 29 Jun 2017 19:40

Tgt Ion:163 Resp: 251139
Ion Ratio Lower Upper
163 100
194 3.3 2.6 4.0
164 10.3 8.4 12.6



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

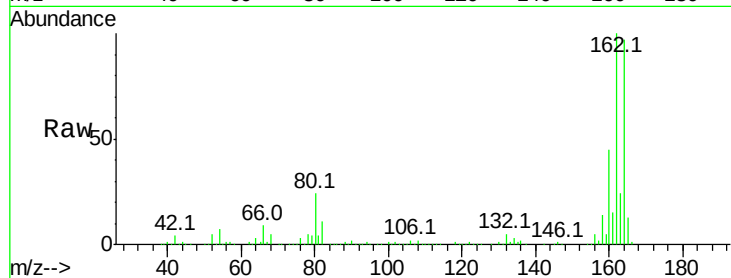




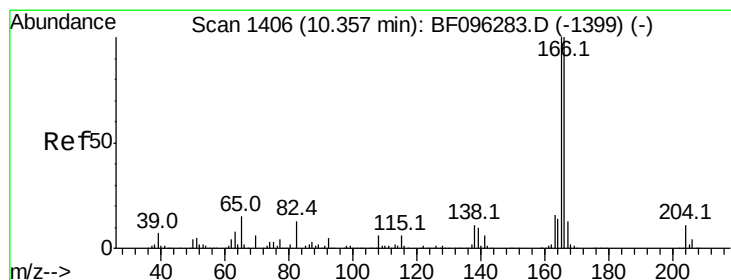
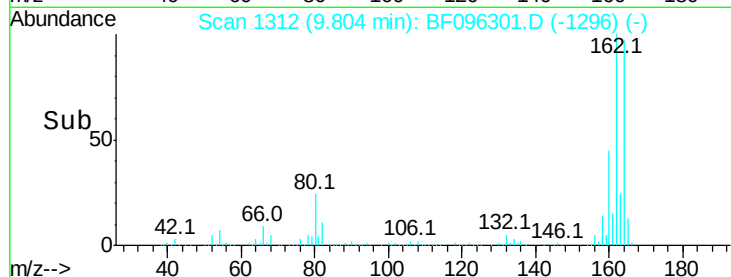
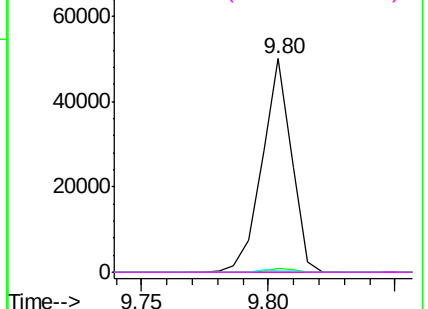
#56
2,4-Dinitrotoluene
Concen: 6.98 ng
RT: 9.80 min Scan# 1312
Delta R.T. -0.21 min
Lab File: BF096301.D
Acq: 29 Jun 2017 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:165 Resp: 40573
Ion Ratio Lower Upper
165 100
63 1.7 25.4 38.0#
89 0.9 46.4 69.6#
182 0.0 1.8 2.6#

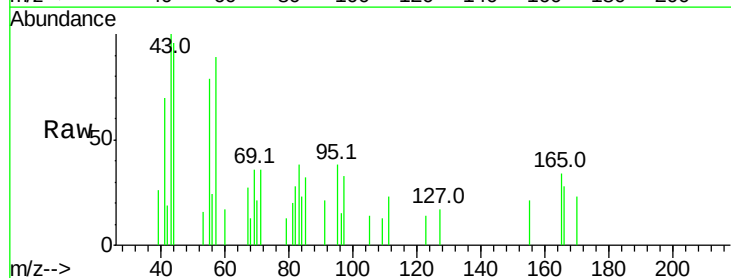


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0
Ion 182.00 (181.70 to 182.70): E

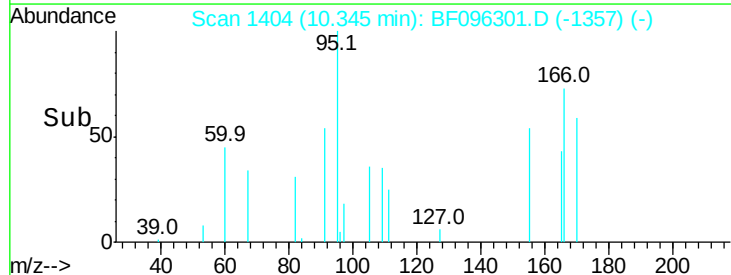
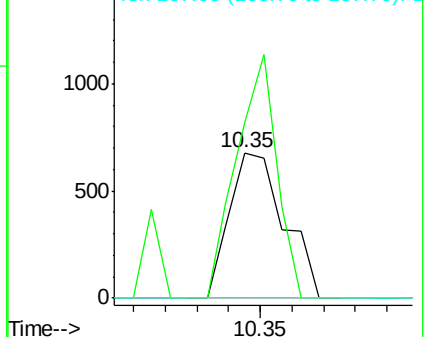


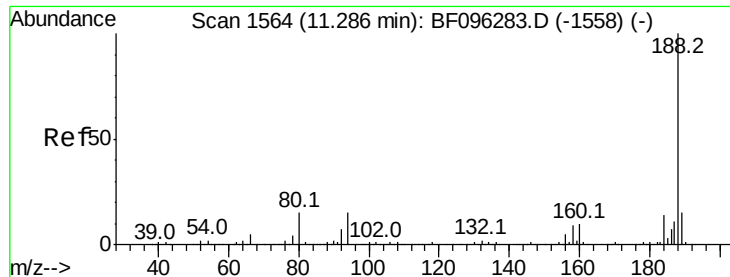
#57
Fluorene
Concen: Below Cal
RT: 10.35 min Scan# 1404
Delta R.T. -0.02 min
Lab File: BF096301.D
Acq: 29 Jun 2017 19:40

Tgt Ion:166 Resp: 812
Ion Ratio Lower Upper
166 100
165 121.2 78.8 118.2#
167 0.0 10.6 16.0#



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E

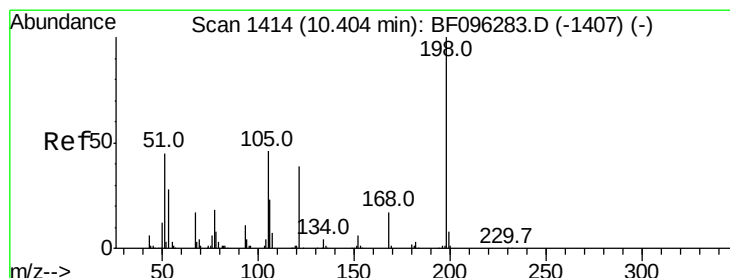
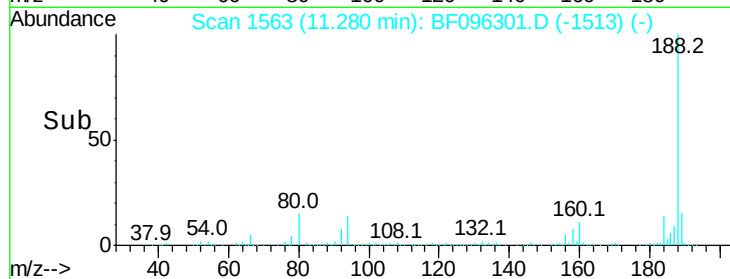
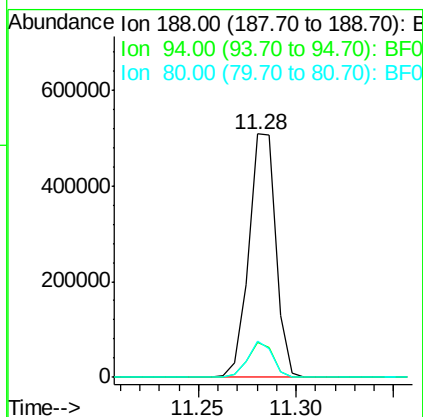
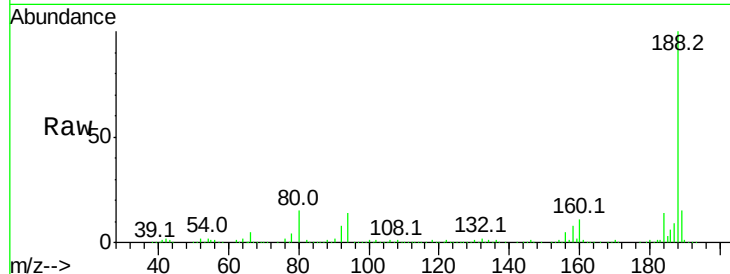




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 1563
 Delta R.T. -0.01 min
 Lab File: BF096301.D
 Acq: 29 Jun 2017 19:40

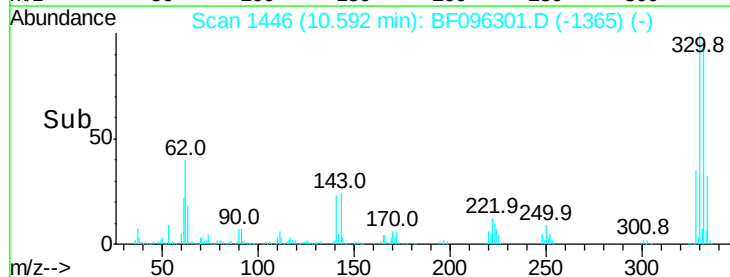
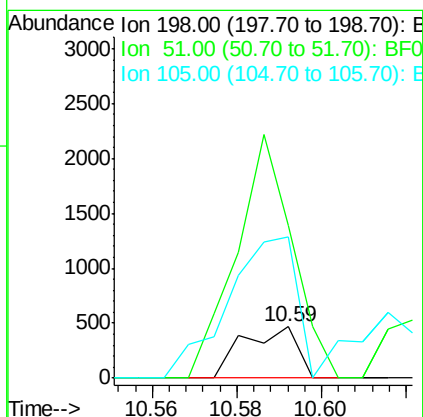
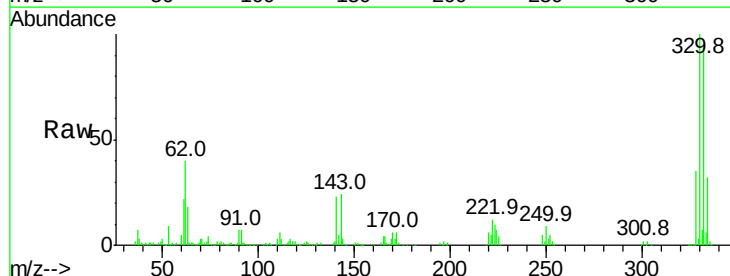
Instrument :
 BNA_F
 ClientSampleId :

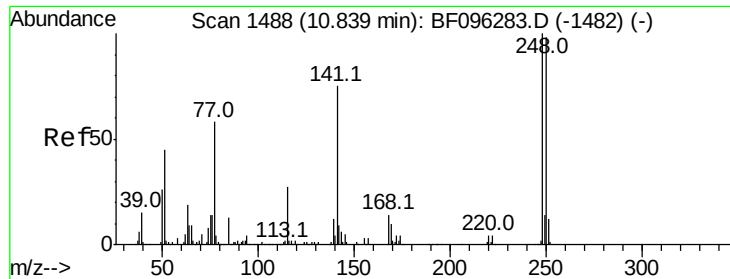
Tot Ion:188 Resp: 487533
 Ion Ratio Lower Upper
 188 100
 94 14.4 9.4 14.2#
 80 14.9 10.2 15.2



#64
 4,6-Dinitro-2-methylphenol
 Concen: 8.88 ng
 RT: 10.59 min Scan# 1446
 Delta R.T. 0.18 min
 Lab File: BF096301.D
 Acq: 29 Jun 2017 19:40

Tgt Ion:198 Resp: 416
 Ion Ratio Lower Upper
 198 100
 51 300.2 53.2 93.2#
 105 278.0 45.8 85.8#

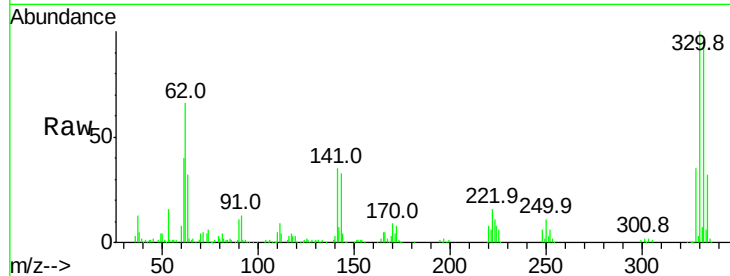




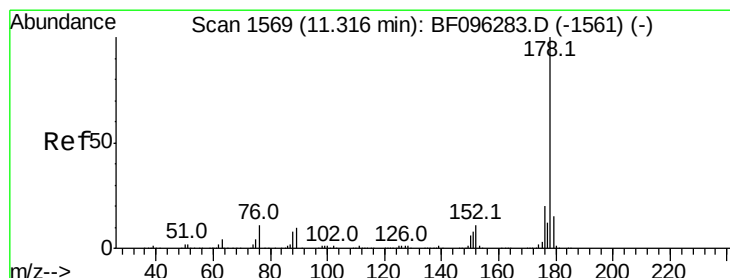
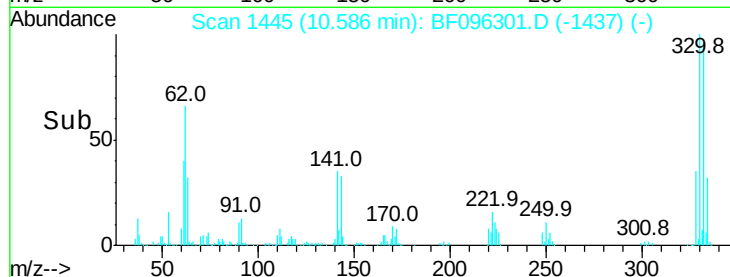
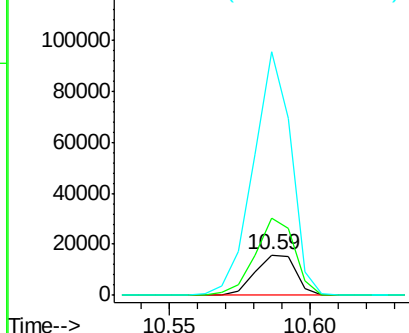
#66
 4-Bromophenyl-phenylether
 Concen: 3.20 ng
 RT: 10.59 min Scan# 1445
 Delta R.T. -0.25 min
 Lab File: BF096301.D
 Acq: 29 Jun 2017 19:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 16047
 Ion Ratio Lower Upper
 248 100
 250 189.3 76.8 115.2#
 141 601.5 68.6 103.0#

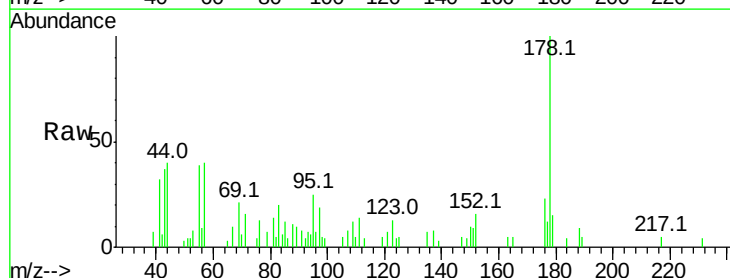


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

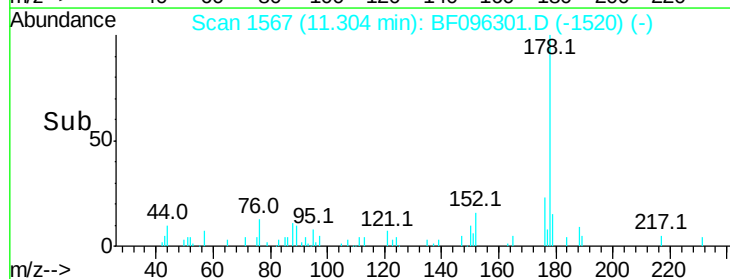
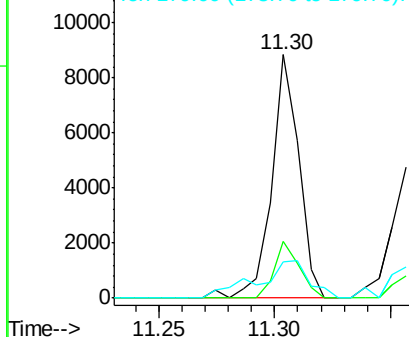


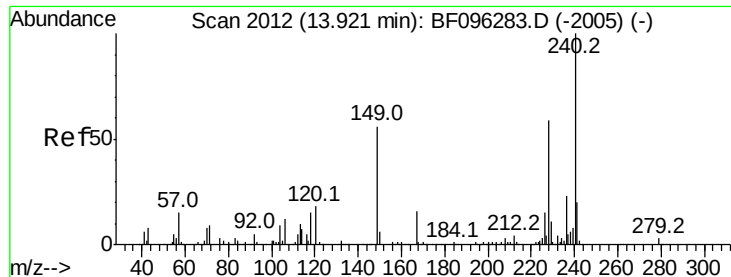
#70
 Phenanthrene
 Concen: Below Cal
 RT: 11.30 min Scan# 1567
 Delta R.T. -0.02 min
 Lab File: BF096301.D
 Acq: 29 Jun 2017 19:40

Tgt Ion:178 Resp: 7204
 Ion Ratio Lower Upper
 178 100
 176 23.3 16.2 24.4
 179 14.6 12.6 19.0



Abundance Ion 178.00 (177.70 to 178.70): E
 Ion 176.00 (175.70 to 176.70): E
 Ion 179.00 (178.70 to 179.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.92 min Scan# 2011

Delta R.T. -0.00 min

Lab File: BF096301.D

Acq: 29 Jun 2017 19:40

Instrument :

BNA_F

ClientSampled :

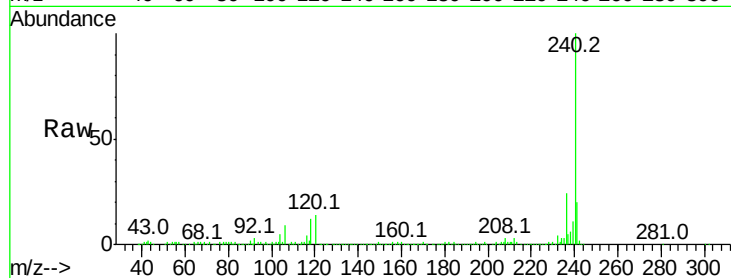
Tot Ion:240 Resp: 302865

Ion Ratio Lower Upper

240 100

120 14.2 5.8 8.8#

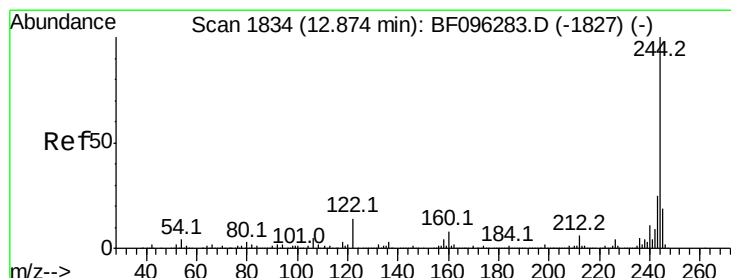
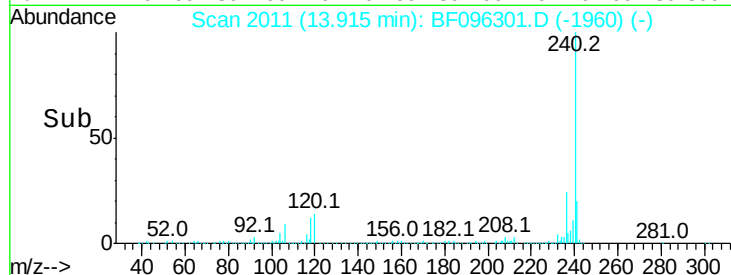
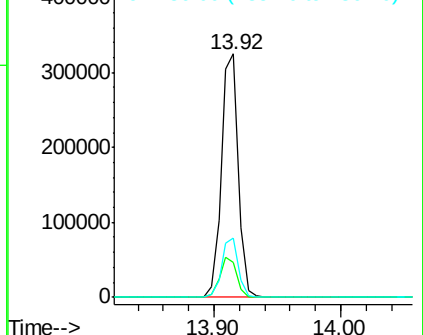
236 24.4 20.5 30.7



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: 72.95 ng

RT: 12.87 min Scan# 1833

Delta R.T. -0.00 min

Lab File: BF096301.D

Acq: 29 Jun 2017 19:40

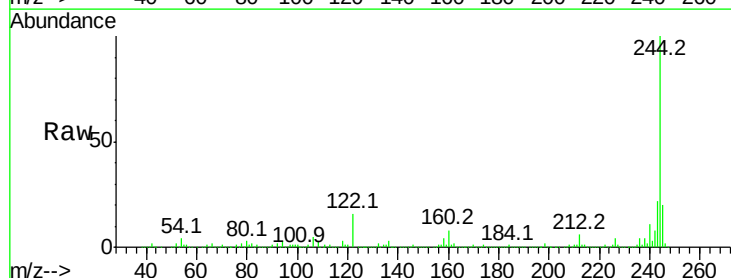
Tgt Ion:244 Resp: 885452

Ion Ratio Lower Upper

244 100

212 6.4 6.0 9.0

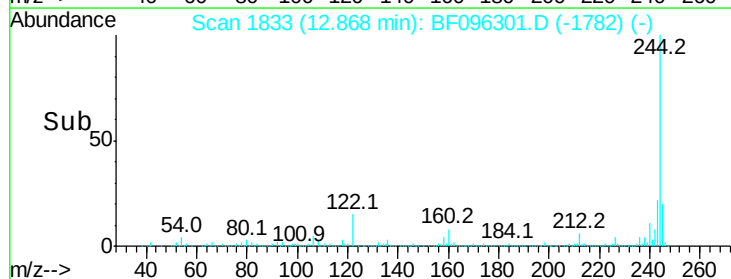
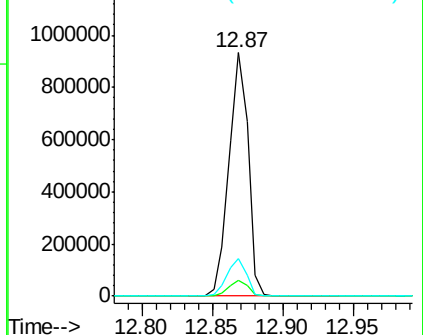
122 15.5 10.3 15.5#

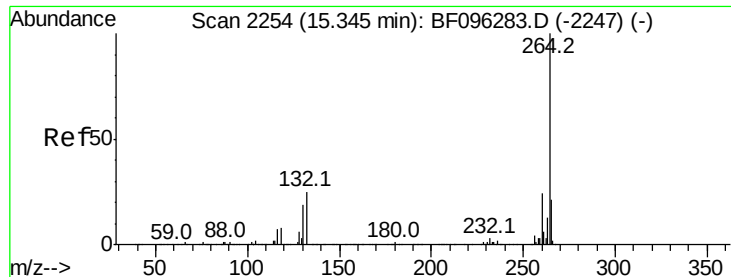


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

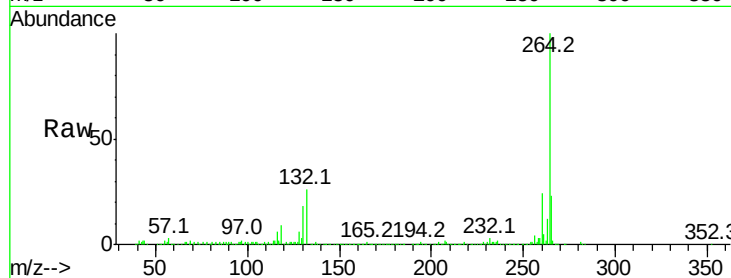




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.34 min Scan# 2253
Delta R.T. -0.00 min
Lab File: BF096301.D
Acq: 29 Jun 2017 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.8	19.5	29.3
265	22.6	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

