

Data Path : Z:\HPCHEM1\BNA F\DATA\BF063017\
 Data File : BF096366.D
 Acq On : 1 Jul 2017 5:11
 Operator : SJ/MA
 Sample : I3930-05 2X
 Misc :
 ALS Vial : 43 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jul 01 06:27:26 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

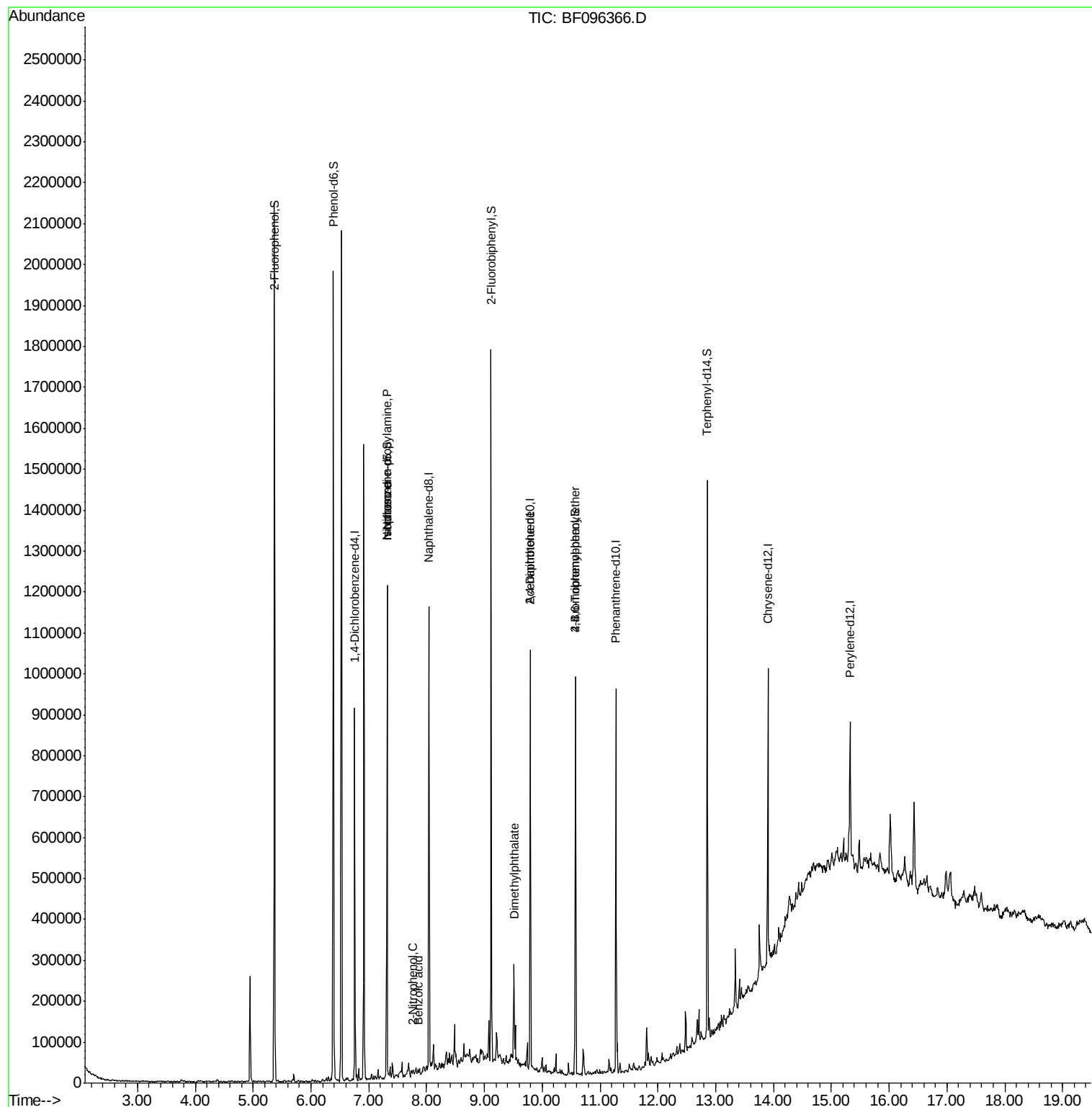
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	123918	20.00	ng	-0.02
21) Naphthalene-d8	8.04	136	476320	20.00	ng	-0.02
38) Acenaphthene-d10	9.79	164	173306	20.00	ng	-0.02
63) Phenanthrene-d10	11.27	188	296777	20.00	ng	-0.01
75) Chrysene-d12	13.90	240	228698	20.00	ng	-0.01
86) Perylene-d12	15.33	264	157090	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.37	112	545450	63.41	ng	-0.01
7) Phenol-d6	6.39	99	650168	62.43	ng	0.00
23) Nitrobenzene-d5	7.32	82	327878	47.65	ng	-0.04
41) 2,4,6-Tribromophenol	10.58	330	114010	83.59	ng	-0.01
44) 2-Fluorobiphenyl	9.12	172	491407	51.93	ng	-0.03
78) Terphenyl-d14	12.86	244	385343	42.04	ng	-0.01
Target Compounds						
9) Benzaldehyde	6.30	77	1021	Below Cal	#	76
19) n-Nitroso-di-n-propylamine	7.32	70	43703	7.00 ng	#	85
25) Isophorone	7.32	82	327872	20.98 ng	#	67
26) 2-Nitrophenol	7.76	139	108	6.07 ng	#	1
32) Benzoic acid	7.85	122	112	8.80 ng	#	36
49) Dimethylphthalate	9.51	163	84507	6.81 ng		99
56) 2,4-Dinitrotoluene	9.79	165	22255	6.84 ng	#	33
57) Fluorene	10.34	166	1947	Below Cal	#	81
66) 4-Bromophenyl-phenylether	10.57	248	6399	2.10 ng	#	1
70) Phenanthrene	11.30	178	24618	Below Cal		97

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

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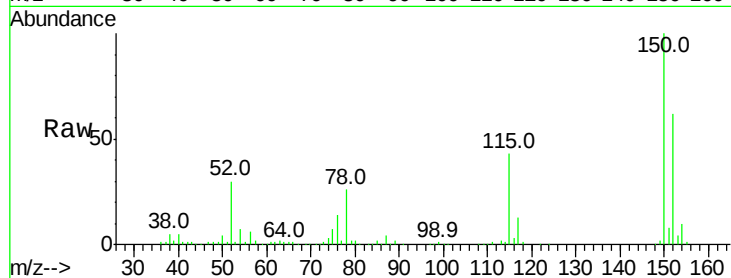


#1

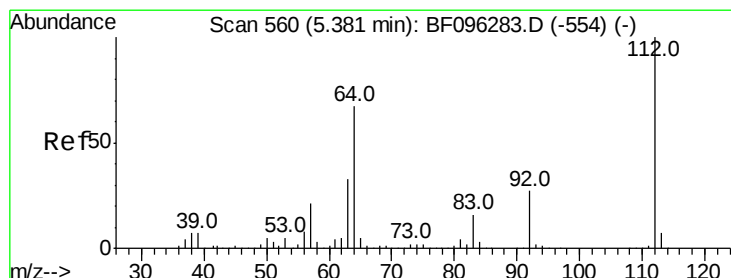
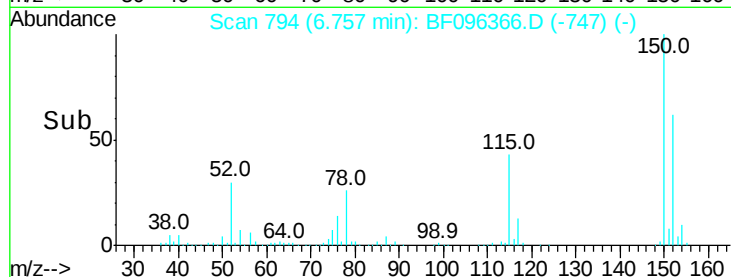
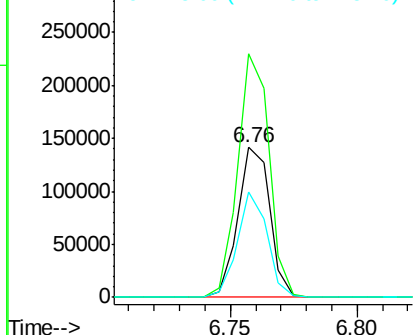
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.76 min Scan# 794
Delta R.T. -0.02 min
Lab File: BF096366.D
Acq: 1 Jul 2017 5:11

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	162.4	126.2	189.2
115	70.3	52.2	78.2



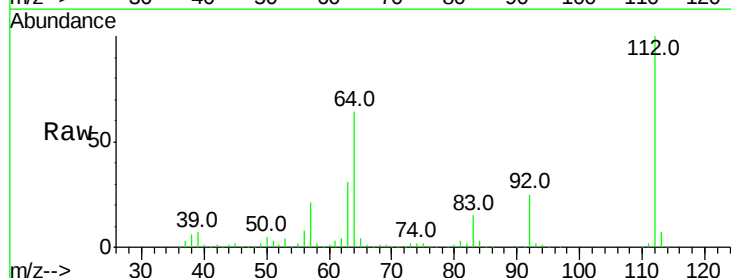
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



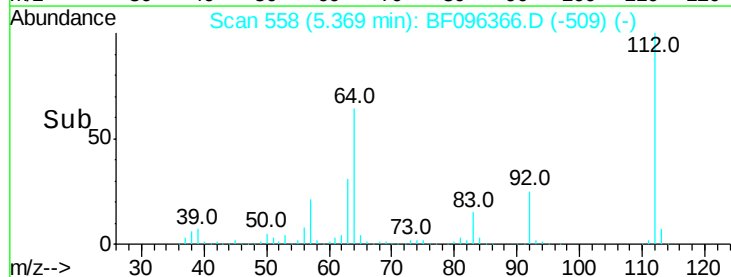
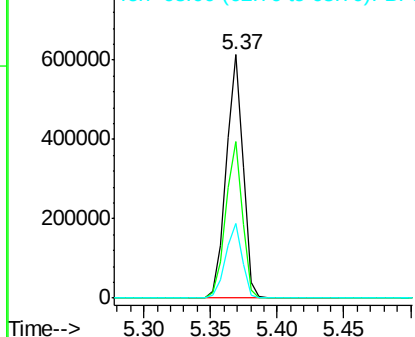
#5

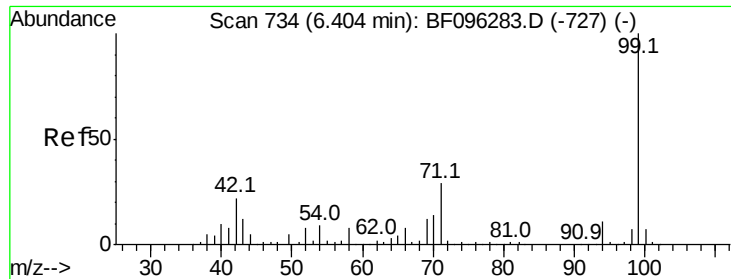
2-Fluorophenol
Concen: 63.41 ng
RT: 5.37 min Scan# 558
Delta R.T. -0.01 min
Lab File: BF096366.D
Acq: 1 Jul 2017 5:11

Tgt Ion	Ratio	Lower	Upper
112	100		
64	64.1	46.0	69.0
63	30.5	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: 62.43 ng

RT: 6.39 min Scan# 731

Delta R.T. -0.01 min

Lab File: BF096366.D

Acq: 1 Jul 2017 5:11

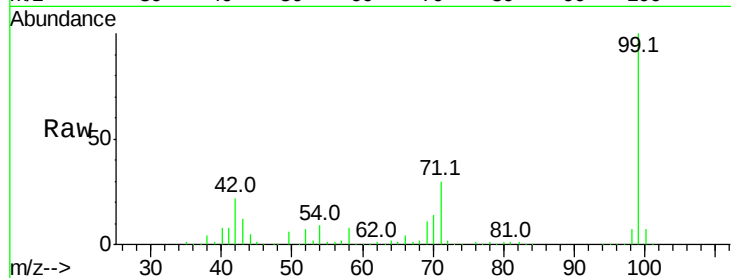
Instrument :

BNA_F

ClientSampleId :

Tot Ion: 99 Resp: 650168

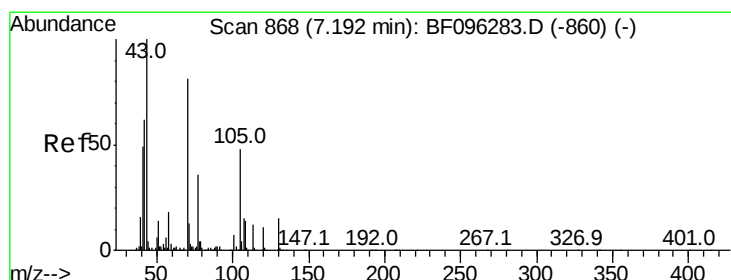
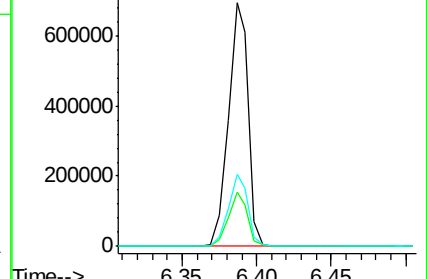
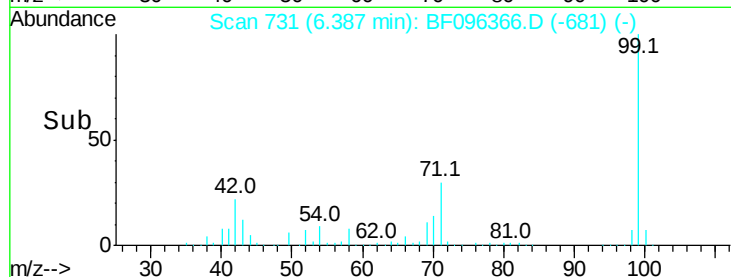
Ion	Ratio	Lower	Upper
99	100		
42	22.2	13.5	20.3#
71	29.9	24.5	36.7



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: 7.00 ng

RT: 7.32 min Scan# 889

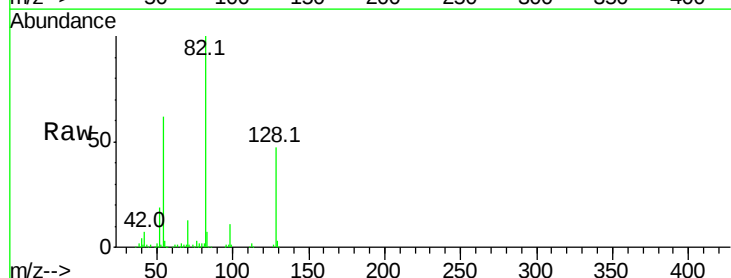
Delta R.T. 0.14 min

Lab File: BF096366.D

Acq: 1 Jul 2017 5:11

Tgt Ion: 70 Resp: 43703

Ion	Ratio	Lower	Upper
70	100		
42	55.4	47.2	70.8
101	0.0	7.2	10.8#
130	1.9	15.9	23.9#

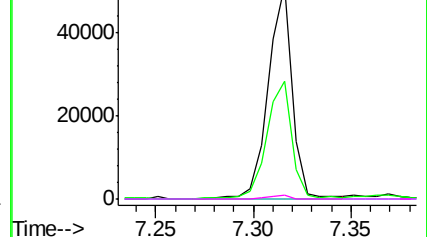
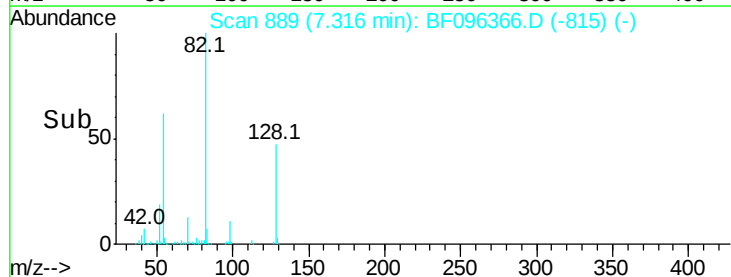


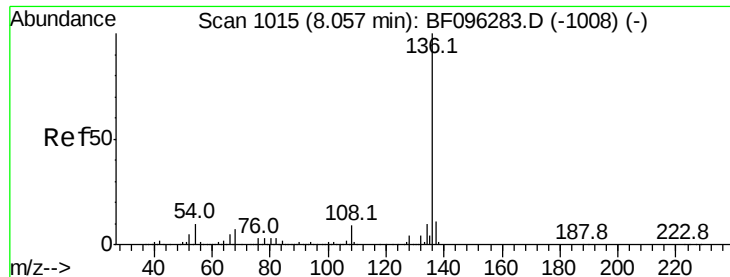
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

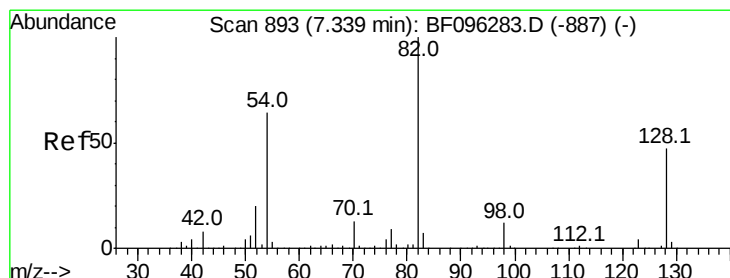
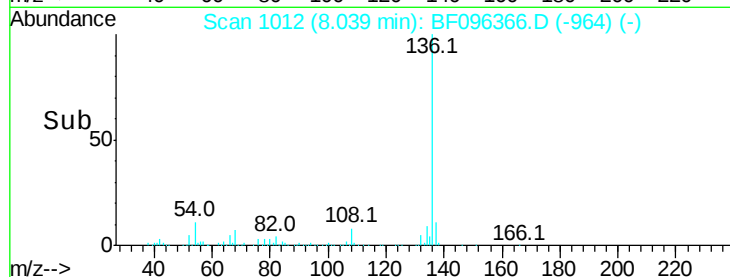
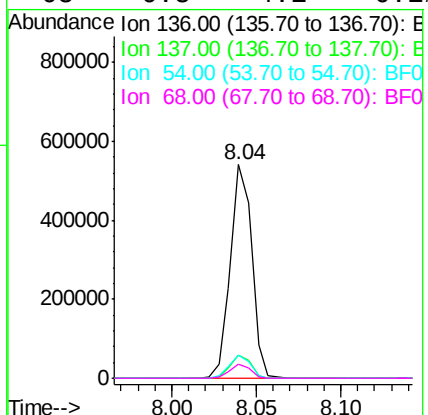
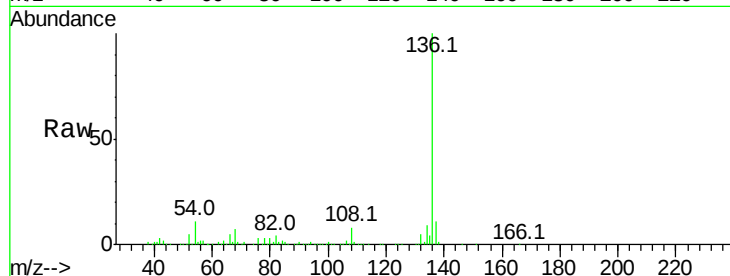




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.04 min Scan# 1012
Delta R.T. -0.02 min
Lab File: BF096366.D
Acq: 1 Jul 2017 5:11

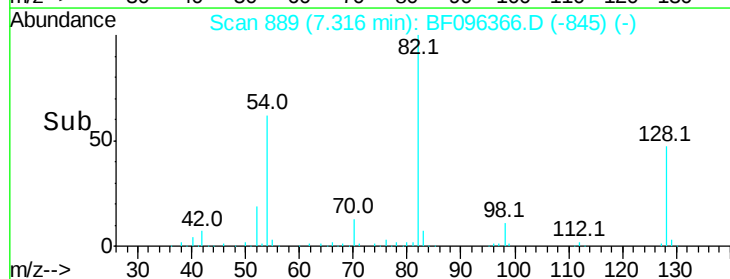
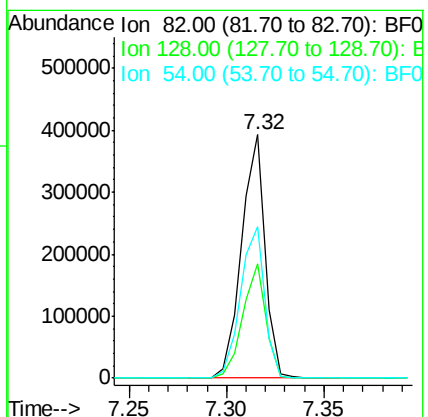
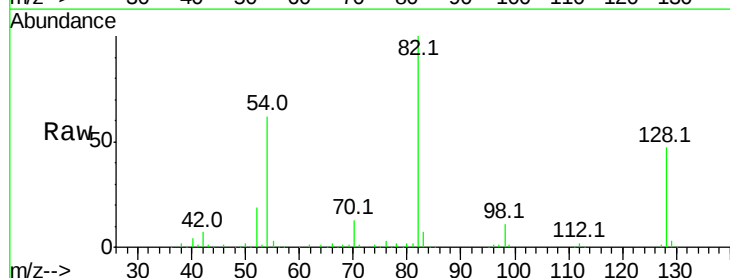
Instrument :
BNA_F
ClientSampleId :

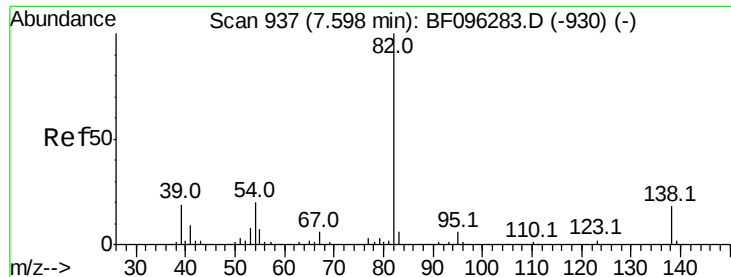
Tot Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.5	12.7
54	10.6	4.9	7.3#
68	6.8	4.1	6.1#



#23
Nitrobenzene-d5
Concen: 47.65 ng
RT: 7.32 min Scan# 889
Delta R.T. -0.04 min
Lab File: BF096366.D
Acq: 1 Jul 2017 5:11

Tgt Ion	Ratio	Lower	Upper
82	100		
128	47.1	34.0	51.0
54	62.0	42.2	63.2





#25

Isophorone

Concen: 20.98 ng

RT: 7.32 min Scan# 889

Delta R.T. -0.28 min

Lab File: BF096366.D

Acq: 1 Jul 2017 5:11

Instrument :

BNA_F

ClientSampleId :

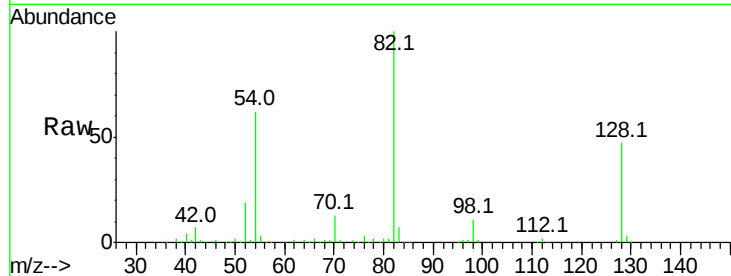
Tot Ion: 82 Resp: 327872

Ion Ratio Lower Upper

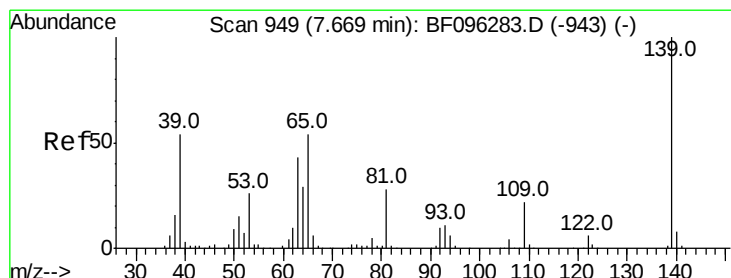
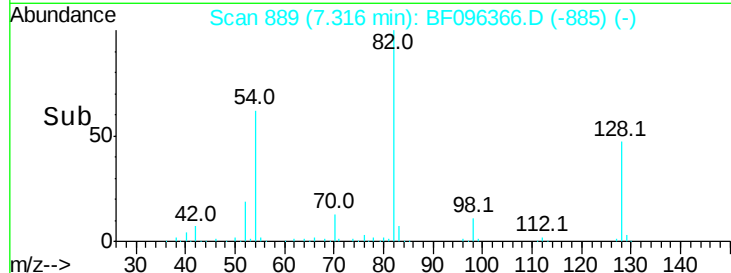
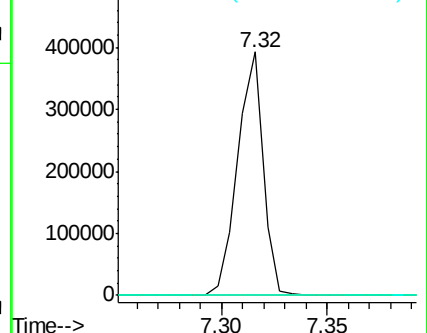
82 100

95 0.2 5.3 7.9#

138 0.0 13.1 19.7#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#26

2-Nitrophenol

Concen: 6.07 ng

RT: 7.76 min Scan# 965

Delta R.T. 0.08 min

Lab File: BF096366.D

Acq: 1 Jul 2017 5:11

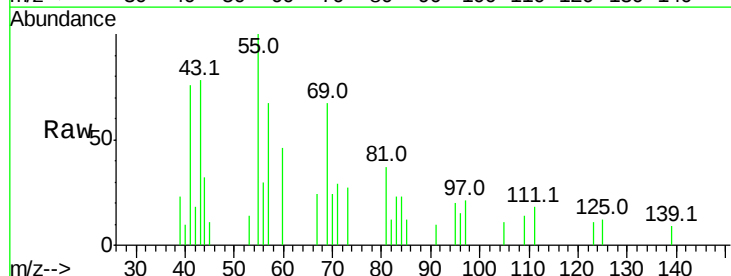
Tgt Ion:139 Resp: 108

Ion Ratio Lower Upper

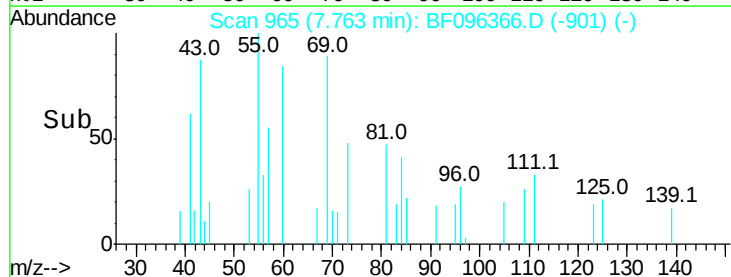
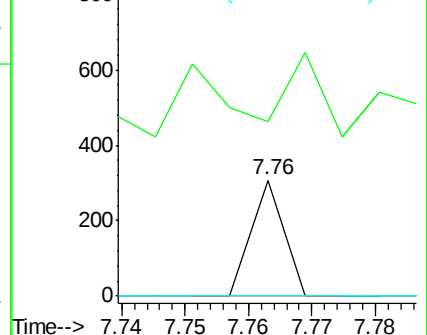
139 100

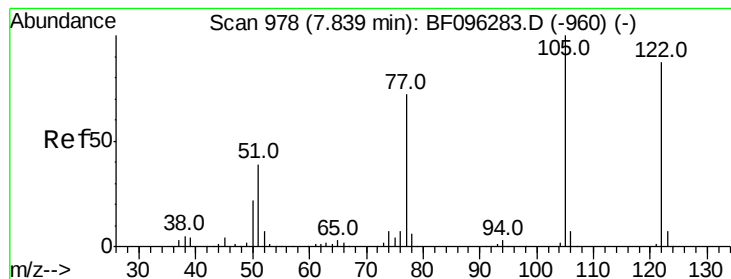
109 150.8 21.0 31.6#

65 0.0 33.0 49.6#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BF0





#32

Benzoic acid

Concen: 8.80 ng

RT: 7.85 min Scan# 979

Delta R.T. -0.04 min

Lab File: BF096366.D

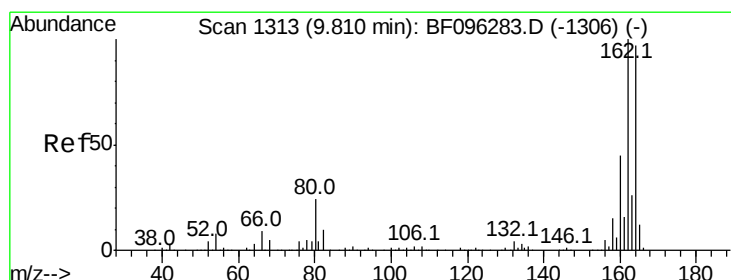
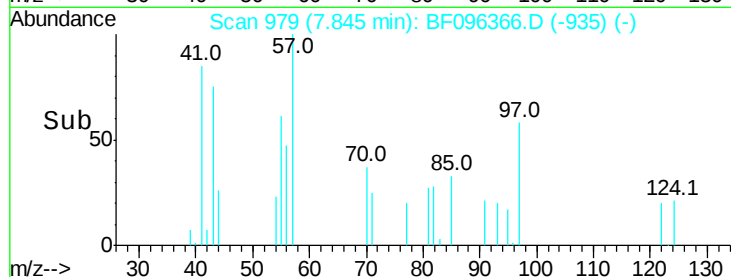
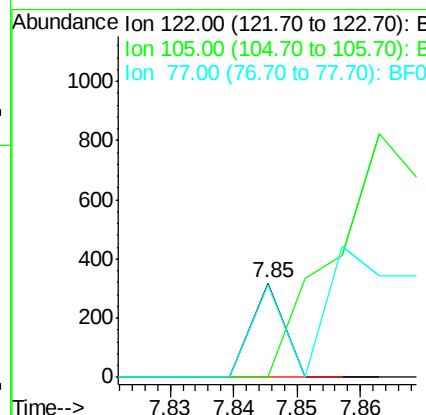
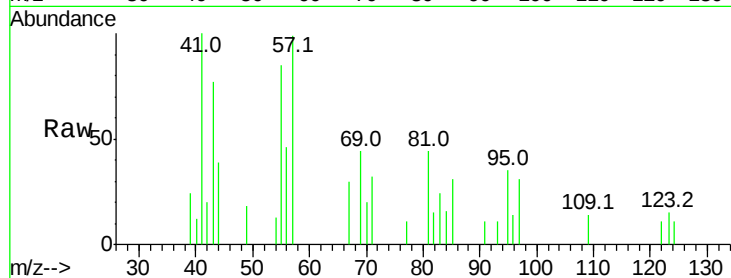
Acq: 1 Jul 2017 5:11

Instrument :

BNA_F

ClientSampleId :

Tot Ion	Ratio	Lower	Upper
122	100		
105	0.0	103.3	143.3#
77	97.8	73.7	113.7



#38

Acenaphthene-d10

Concen: 20.00 ng

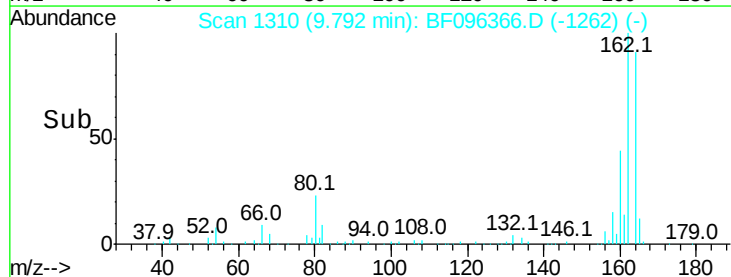
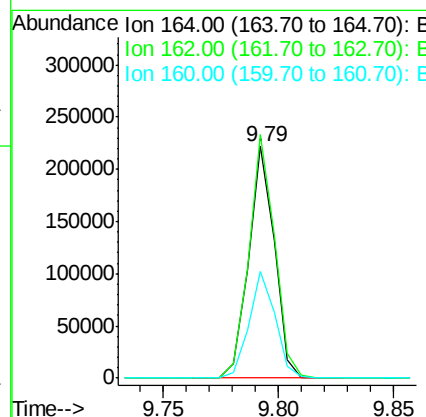
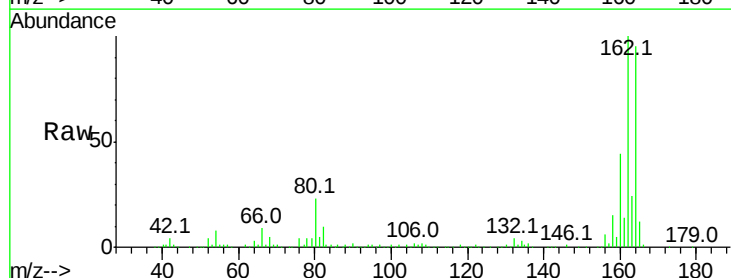
RT: 9.79 min Scan# 1310

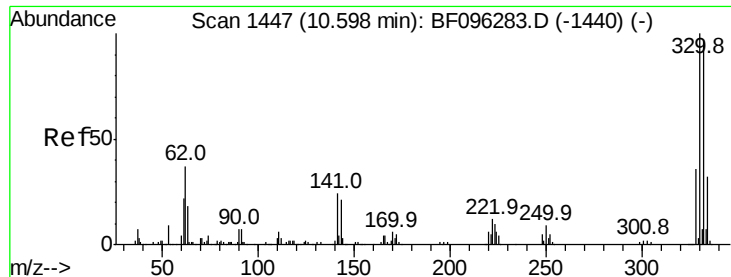
Delta R.T. -0.02 min

Lab File: BF096366.D

Acq: 1 Jul 2017 5:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.1	82.6	123.8
160	46.3	36.2	54.2

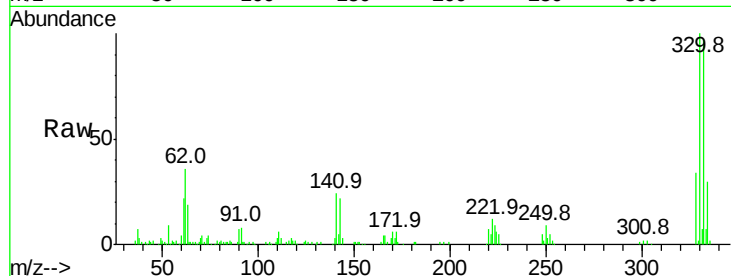




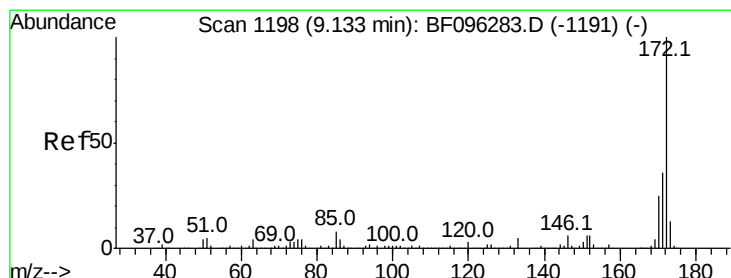
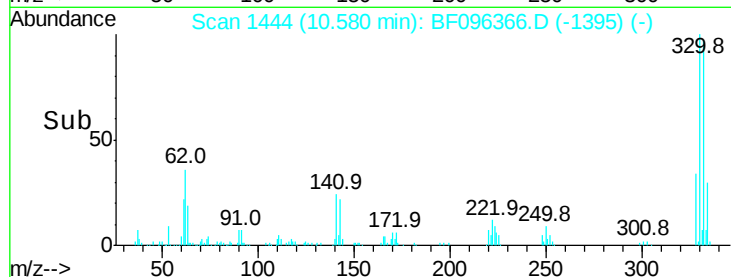
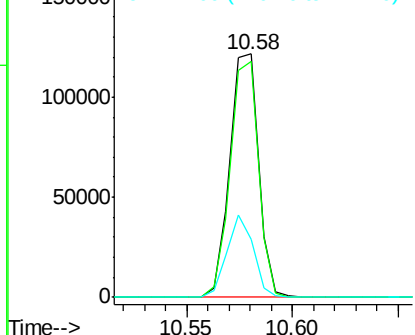
#41
 2,4,6-Tribromophenol
 Concen: 83.59 ng
 RT: 10.58 min Scan# 1444
 Delta R.T. -0.01 min
 Lab File: BF096366.D
 Acq: 1 Jul 2017 5:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 114010
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.6 115.0
 141 31.0 31.4 47.2#

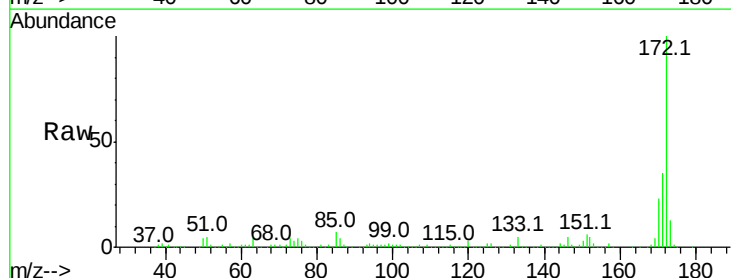


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

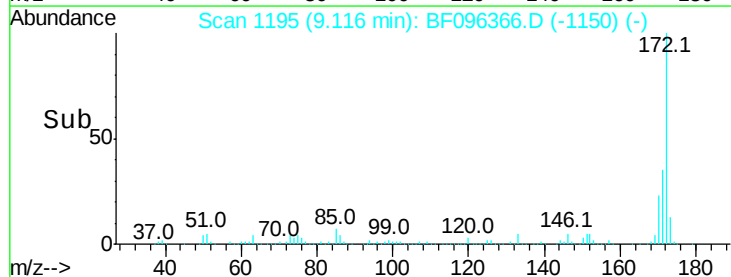
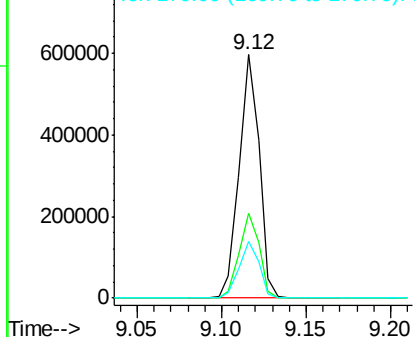


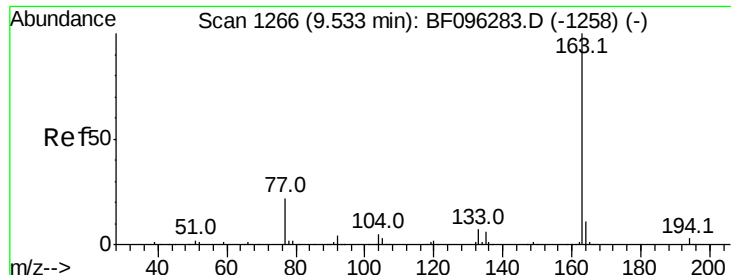
#44
 2-Fluorobiphenyl
 Concen: 51.93 ng
 RT: 9.12 min Scan# 1195
 Delta R.T. -0.03 min
 Lab File: BF096366.D
 Acq: 1 Jul 2017 5:11

Tgt Ion:172 Resp: 491407
 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

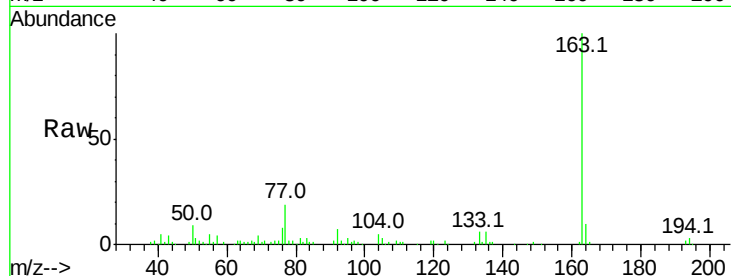




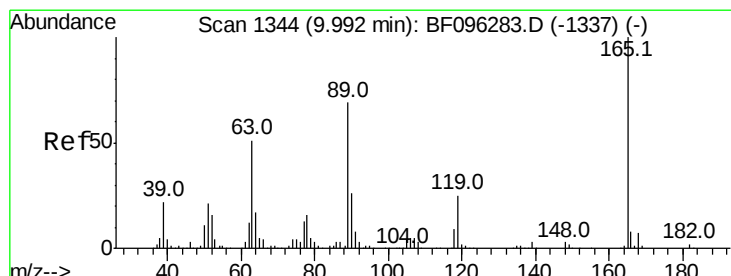
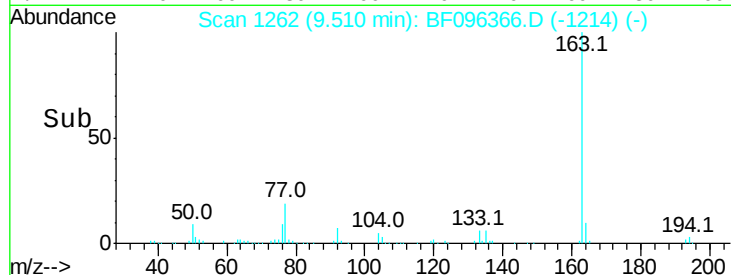
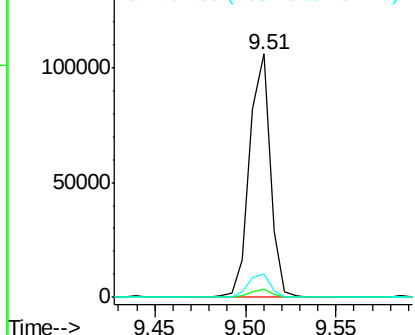
#49
Dimethylphthalate
Concen: 6.81 ng
RT: 9.51 min Scan# 1262
Delta R.T. -0.02 min
Lab File: BF096366.D
Acq: 1 Jul 2017 5:11

Instrument :
BNA_F
ClientSampled :

Tot Ion:163 Resp: 84507
Ion Ratio Lower Upper
163 100
194 3.4 2.6 4.0
164 9.9 8.4 12.6



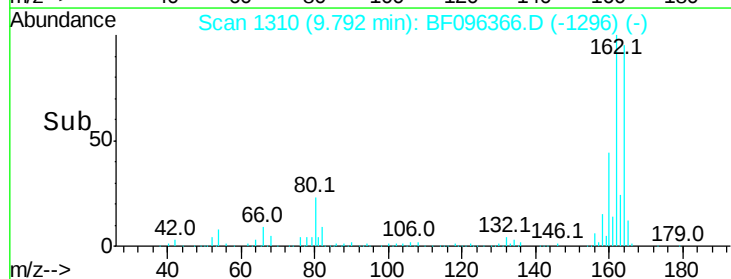
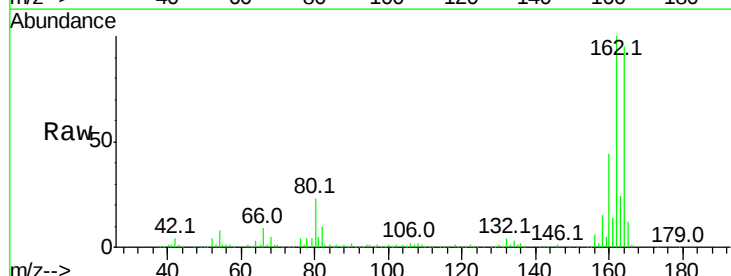
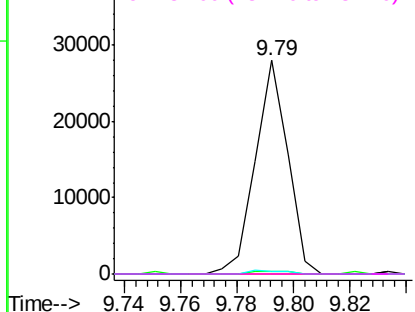
Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

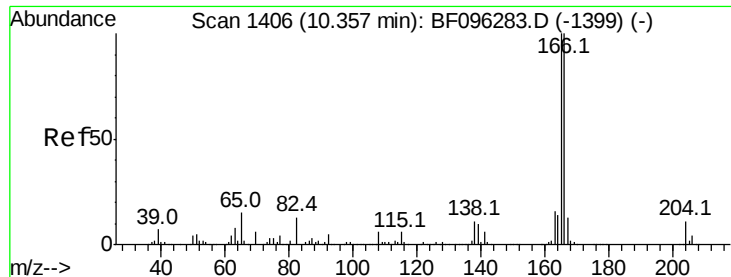


#56
2,4-Dinitrotoluene
Concen: 6.84 ng
RT: 9.79 min Scan# 1310
Delta R.T. -0.22 min
Lab File: BF096366.D
Acq: 1 Jul 2017 5:11

Tgt Ion:165 Resp: 22255
Ion Ratio Lower Upper
165 100
63 1.2 25.4 38.0#
89 1.3 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: 10.34 min Scan# 1403

Delta R.T. -0.03 min

Lab File: BF096366.D

Acq: 1 Jul 2017 5:11

Instrument :

BNA_F

ClientSampleId :

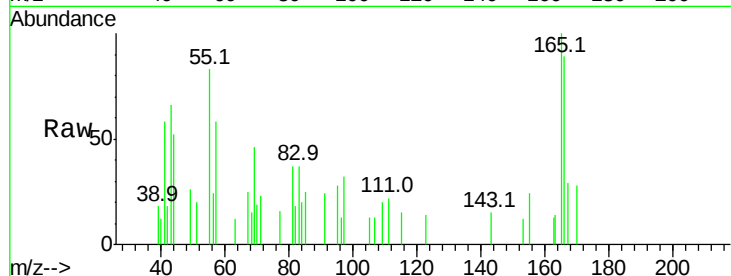
Tot Ion:166 Resp: 1947

Ion Ratio Lower Upper

166 100

165 112.8 78.8 118.2

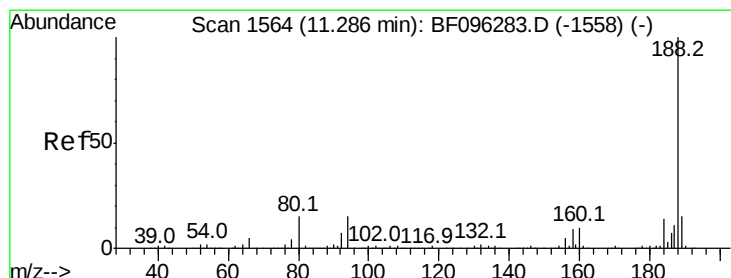
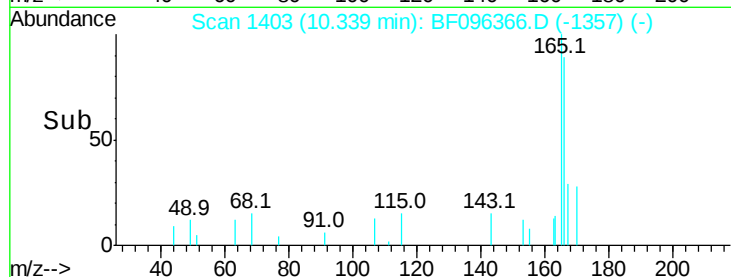
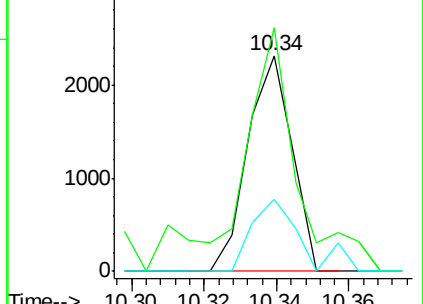
167 33.2 10.6 16.0#



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: 11.27 min Scan# 1562

Delta R.T. -0.01 min

Lab File: BF096366.D

Acq: 1 Jul 2017 5:11

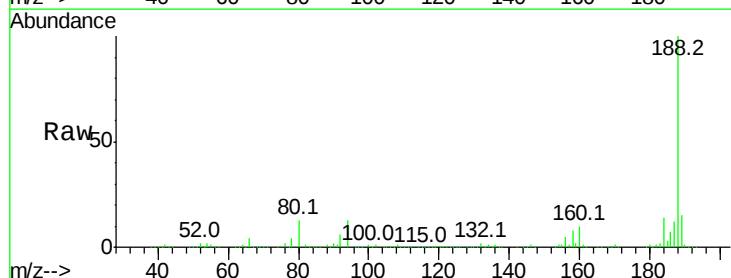
Tgt Ion:188 Resp: 296777

Ion Ratio Lower Upper

188 100

94 12.8 9.4 14.2

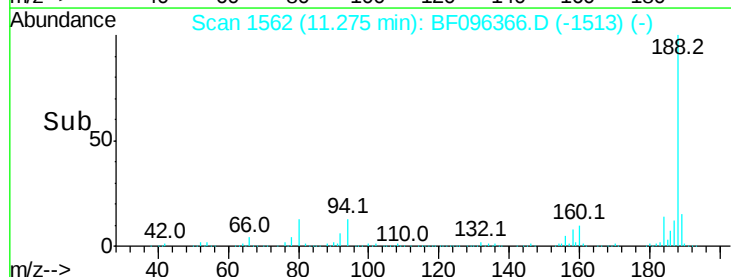
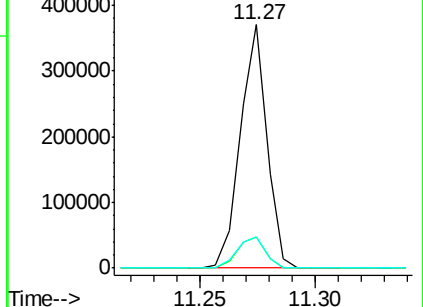
80 12.9 10.2 15.2

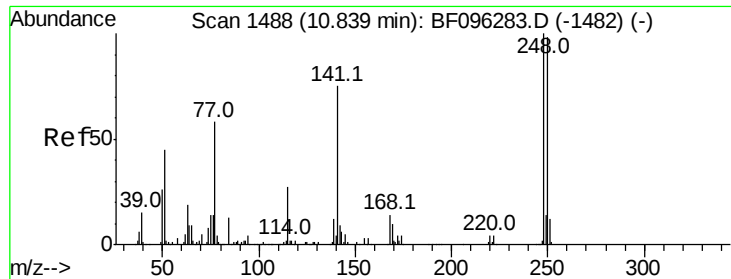


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

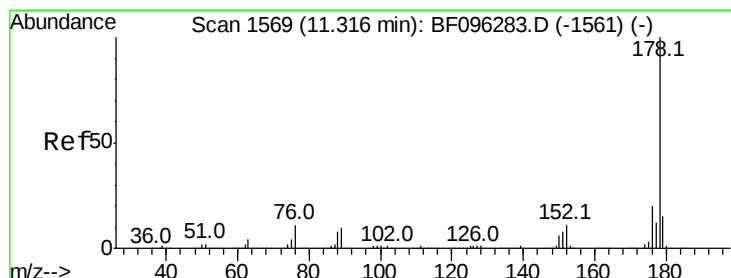
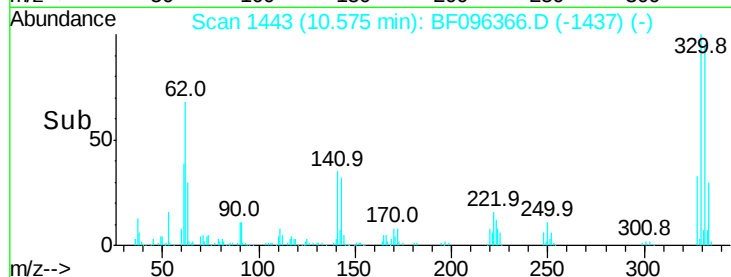
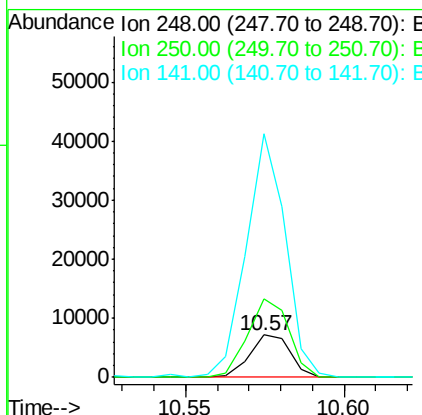
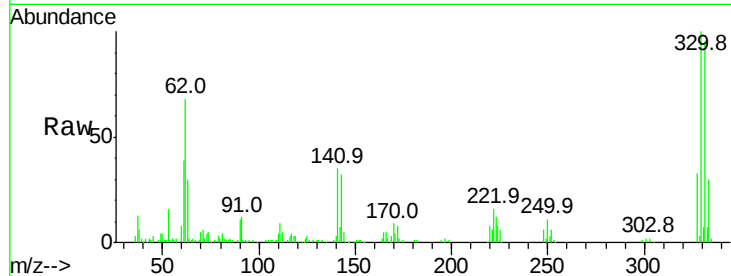




#66
 4-Bromophenyl-phenylether
 Concen: 2.10 ng
 RT: 10.57 min Scan# 1443
 Delta R.T. -0.26 min
 Lab File: BF096366.D
 Acq: 1 Jul 2017 5:11

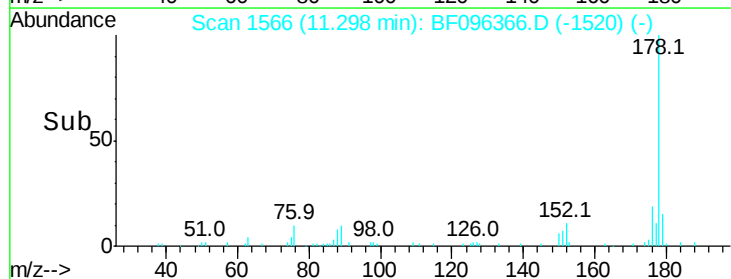
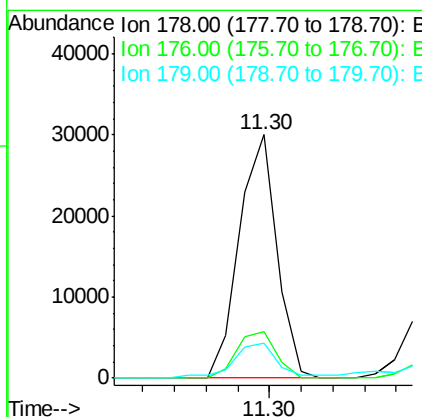
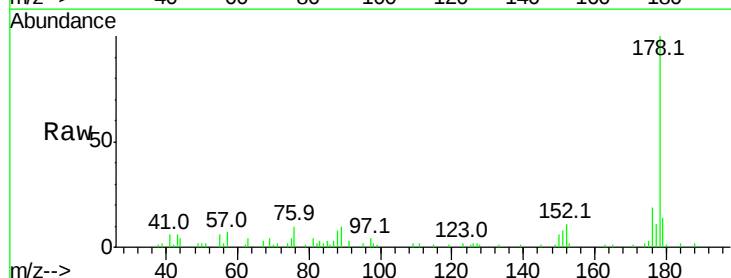
Instrument :
 BNA_F
 ClientSampled :

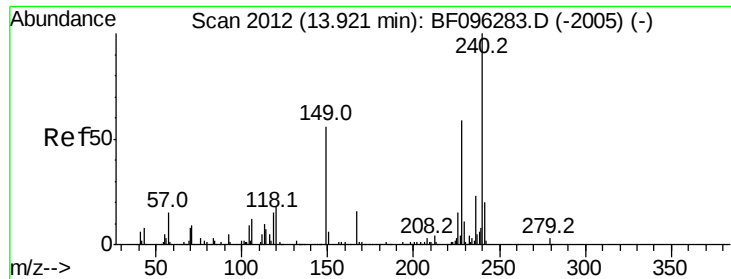
Tot Ion:248 Resp: 6399
 Ion Ratio Lower Upper
 248 100
 250 185.2 76.8 115.2#
 141 573.1 68.6 103.0#



#70
 Phenanthrene
 Concen: Below Cal
 RT: 11.30 min Scan# 1566
 Delta R.T. -0.03 min
 Lab File: BF096366.D
 Acq: 1 Jul 2017 5:11

Tgt Ion:178 Resp: 24618
 Ion Ratio Lower Upper
 178 100
 176 19.1 16.2 24.4
 179 14.4 12.6 19.0





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 2009

Delta R.T. -0.01 min

Lab File: BF096366.D

Acq: 1 Jul 2017 5:11

Instrument :

BNA_F

ClientSampleId :

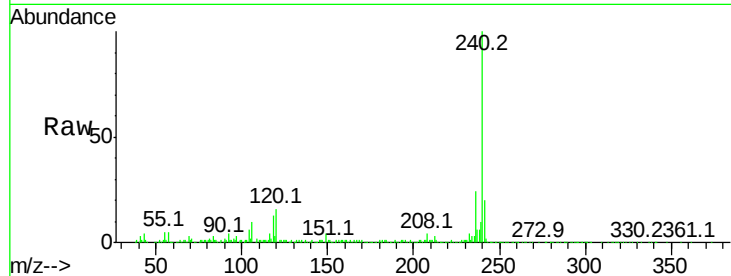
Tot Ion:240 Resp: 228698

Ion Ratio Lower Upper

240 100

120 15.7 5.8 8.8#

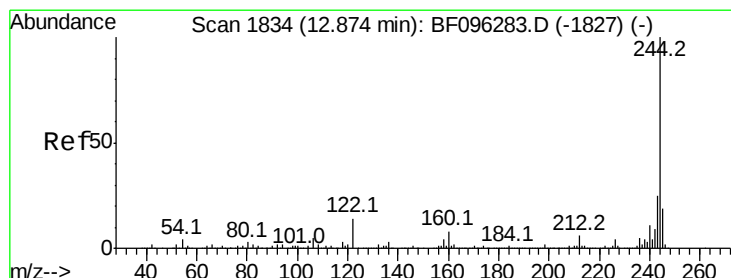
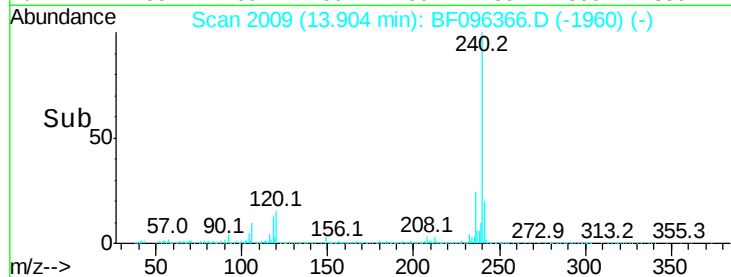
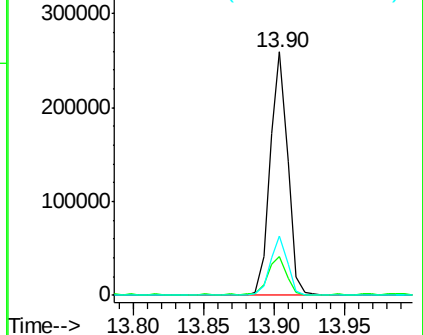
236 24.1 20.5 30.7



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: 42.04 ng

RT: 12.86 min Scan# 1831

Delta R.T. -0.01 min

Lab File: BF096366.D

Acq: 1 Jul 2017 5:11

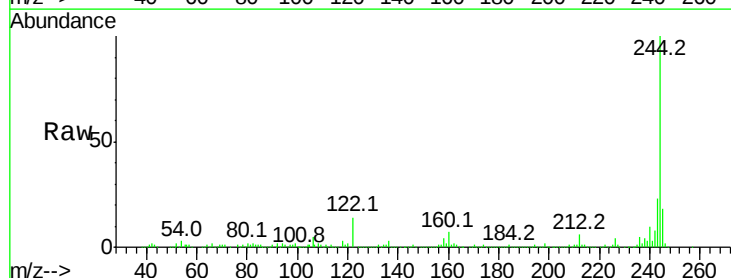
Tgt Ion:244 Resp: 385343

Ion Ratio Lower Upper

244 100

212 6.1 6.0 9.0

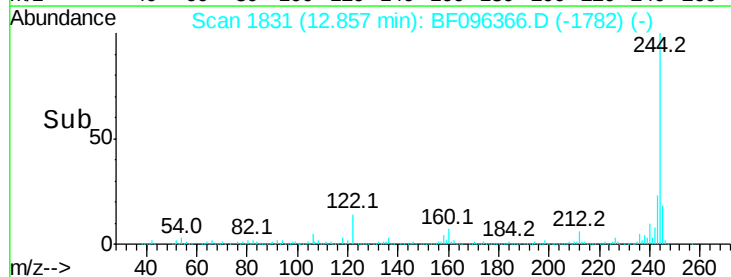
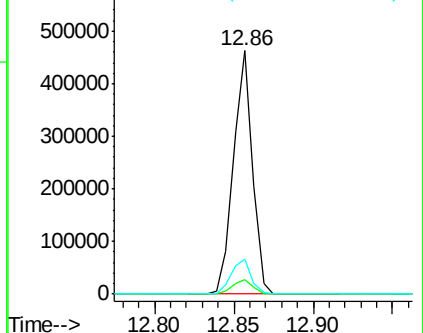
122 14.4 10.3 15.5

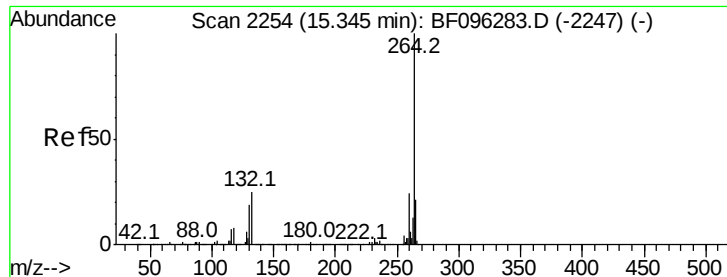


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

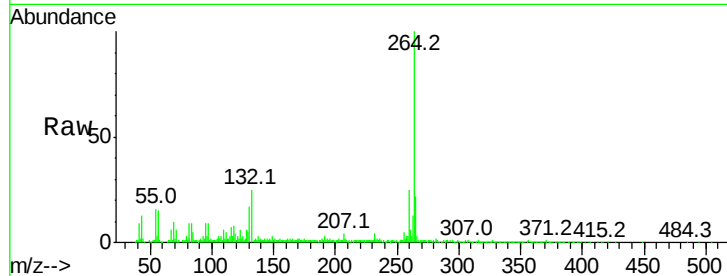




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 15.33 min Scan# 2251
 Delta R.T. -0.01 min
 Lab File: BF096366.D
 Acq: 1 Jul 2017 5:11

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.5	19.5	29.3
265	22.2	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

