

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030117\
 Data File : BF093304.D
 Acq On : 1 Mar 2017 22:08
 Operator : SJ/MA
 Sample : I2012-01
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 P-8

Quant Time: Mar 02 00:05:52 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Feb 17 17:31:55 2017
 Response via : Initial Calibration

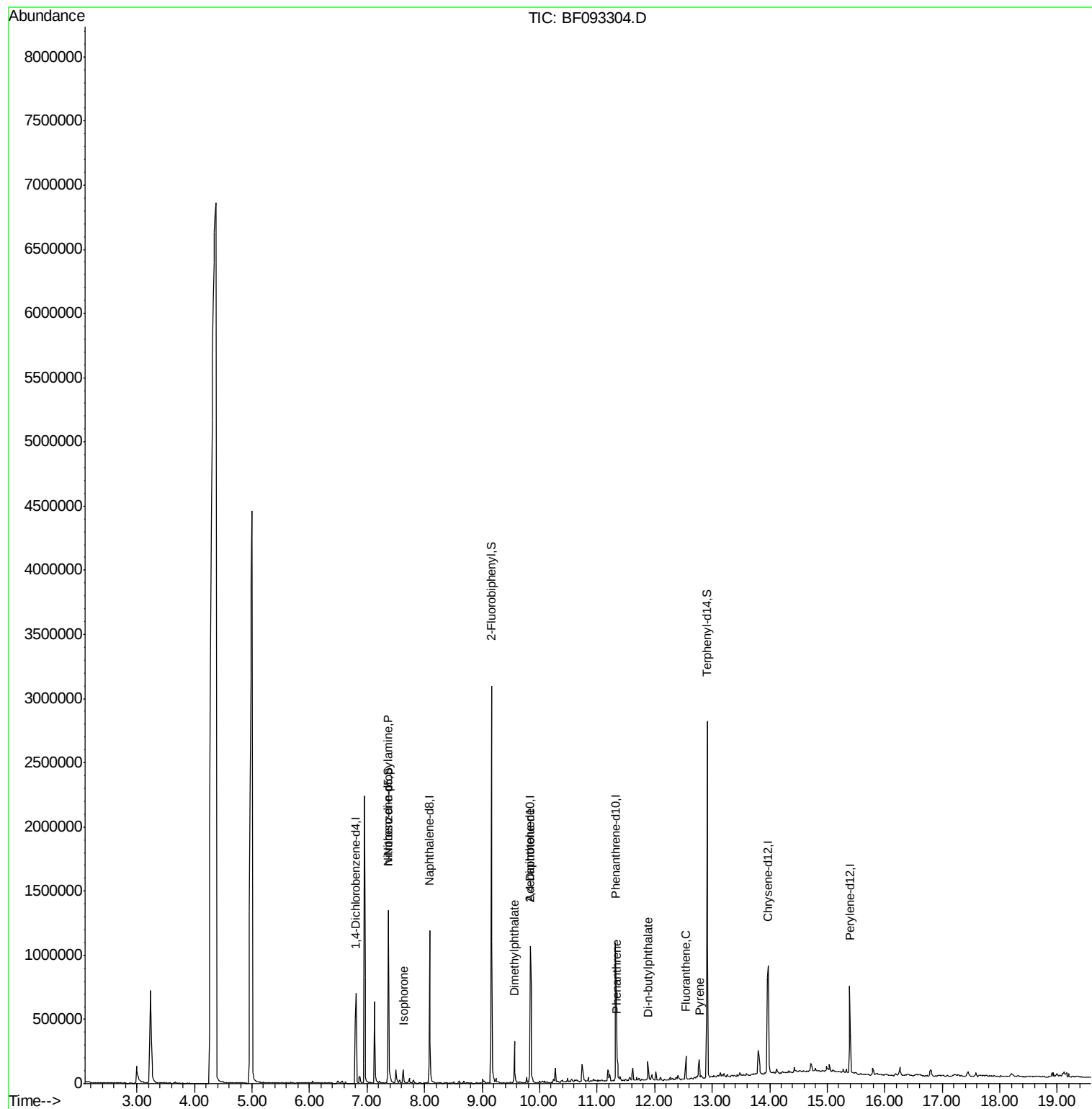
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.81	152	146452	20.00	ng	-0.05
21) Naphthalene-d8	8.09	136	577917	20.00	ng	-0.06
38) Acenaphthene-d10	9.84	164	283162	20.00	ng	-0.06
63) Phenanthrene-d10	11.32	188	516399	20.00	ng	-0.06
75) Chrysene-d12	13.97	240	399221	20.00	ng	-0.05
86) Perylene-d12	15.39	264	277852	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	6.49	99	3096	0.28	ng	0.00
23) Nitrobenzene-d5	7.37	82	654277	63.05	ng	-0.06
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	9.16	172	1108683	70.93	ng	-0.06
78) Terphenyl-d14	12.91	244	934769	55.02	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.37	70	85985	12.30	ng	Qvalue # 85
25) Isophorone	7.63	82	47037	2.43	ng	99
49) Dimethylphthalate	9.56	163	142747	7.48	ng	100
56) 2,4-Dinitrotoluene	9.84	165	36479	6.65	ng	# 20
70) Phenanthrene	11.35	178	68968	2.33	ng	98
73) Di-n-butylphthalate	11.88	149	93138	3.03	ng	98
74) Fluoranthene	12.55	202	81609	2.67	ng	94
77) Pyrene	12.77	202	65880	2.21	ng	96

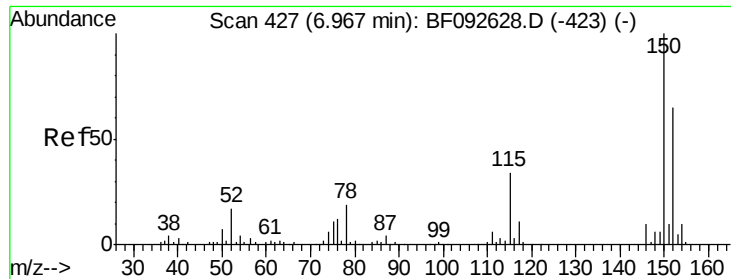
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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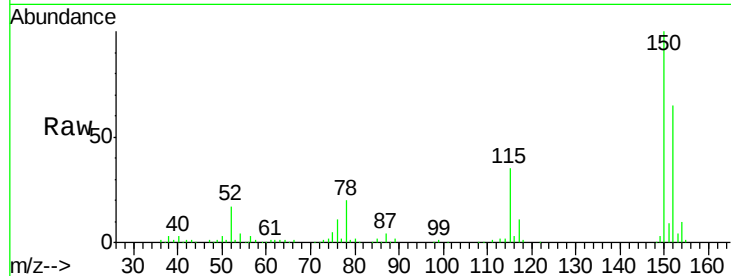




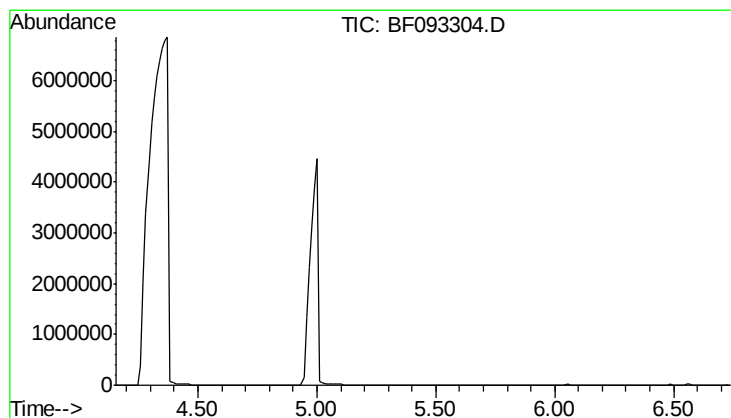
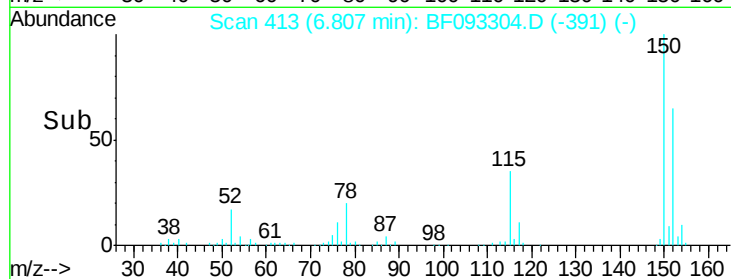
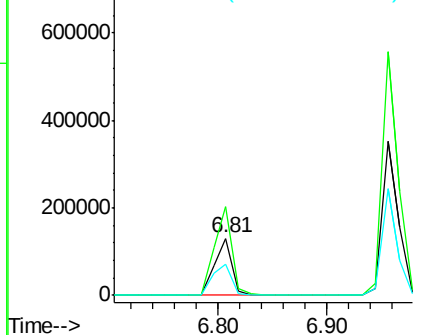
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.81 min Scan# 413
 Delta R.T. -0.05 min
 Lab File: BF093304.D
 Acq: 1 Mar 2017 22:08

Instrument :
 BNA_F
 ClientSampleId :
 P-8

Tgt Ion:152 Resp: 146452
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.9 187.3
 115 53.9 46.0 69.0



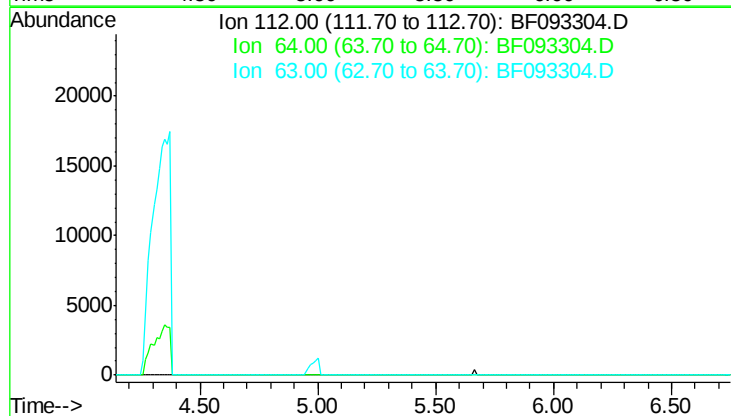
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

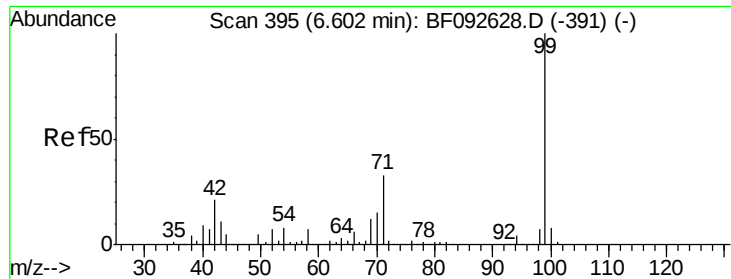


#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.45 min

Lab File: BF093304.D
 Acq: 1 Mar 2017 22:08

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 57.6
 63 29.7





#7

Phenol-d6

Concen: 0.28 ng

RT: 6.49 min Scan# 385

Delta R.T. 0.00 min

Lab File: BF093304.D

Acq: 1 Mar 2017 22:08

Instrument :

BNA_F

ClientSampled :

P-8

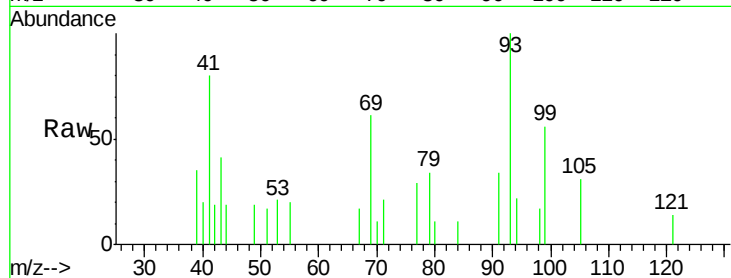
Tgt Ion: 99 Resp: 3096

Ion Ratio Lower Upper

99 100

42 33.9 15.6 23.4#

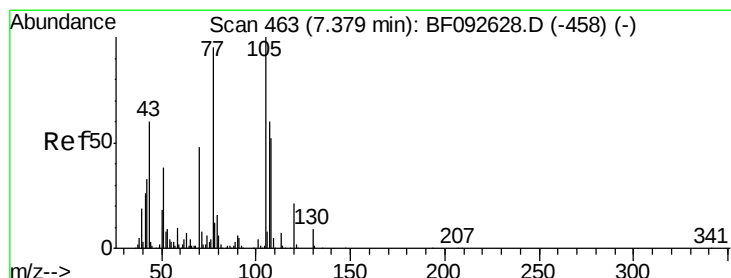
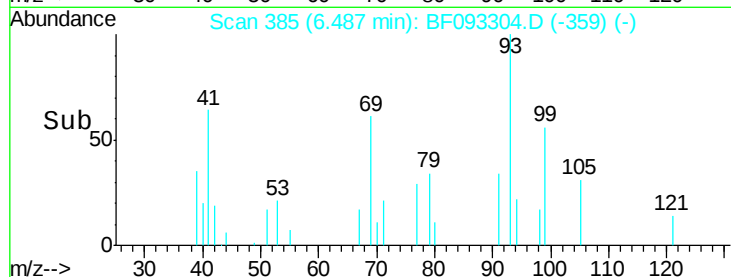
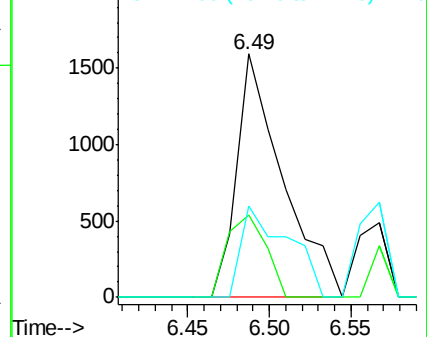
71 37.7 27.5 41.3



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: 12.30 ng

RT: 7.37 min Scan# 462

Delta R.T. 0.09 min

Lab File: BF093304.D

Acq: 1 Mar 2017 22:08

Tgt Ion: 70 Resp: 85985

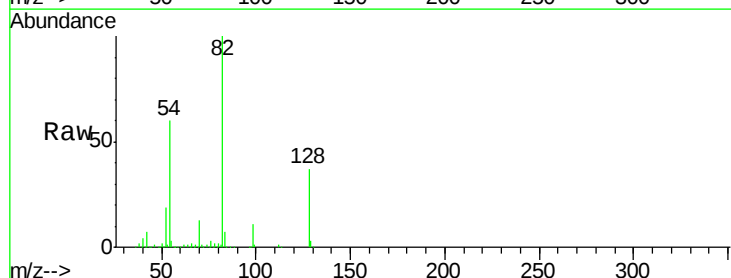
Ion Ratio Lower Upper

70 100

42 55.7 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

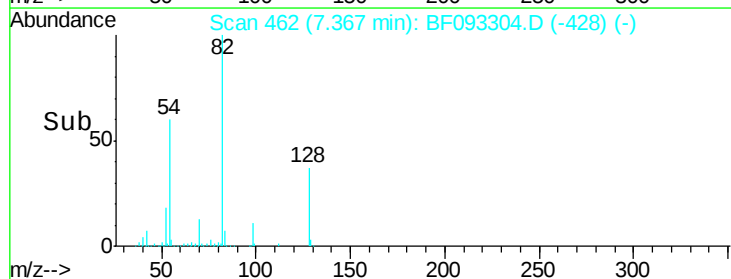
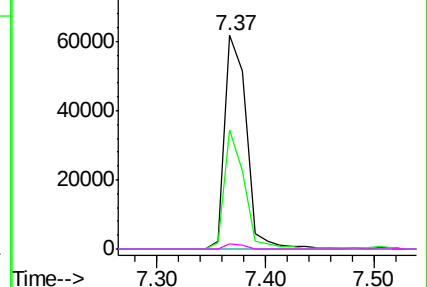


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

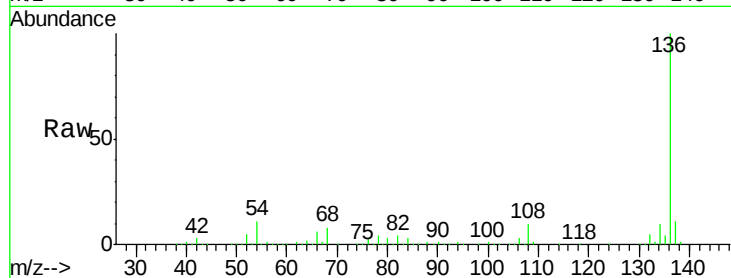




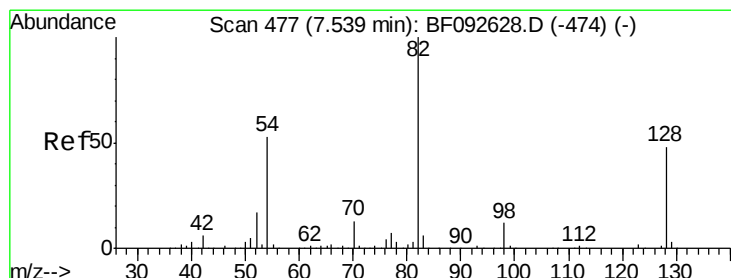
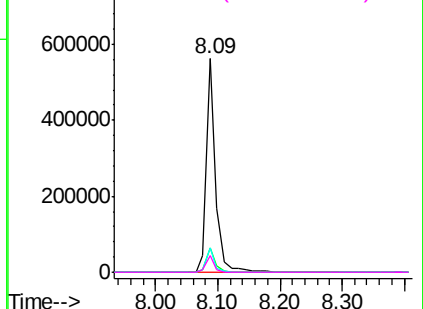
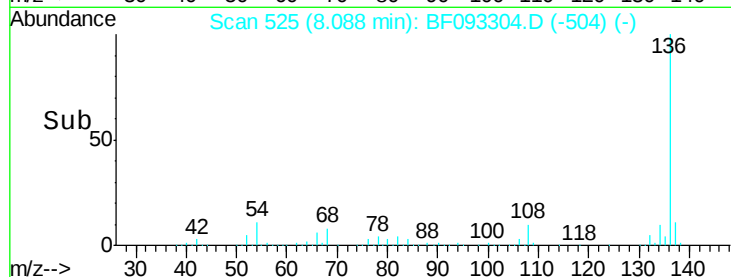
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.09 min Scan# 525
Delta R.T. -0.06 min
Lab File: BF093304.D
Acq: 1 Mar 2017 22:08

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:	136	Resp:	577917
Ion	Ratio	Lower	Upper
136	100		
137	11.1	8.4	12.6
54	11.1	4.5	6.7#
68	7.8	3.6	5.4#

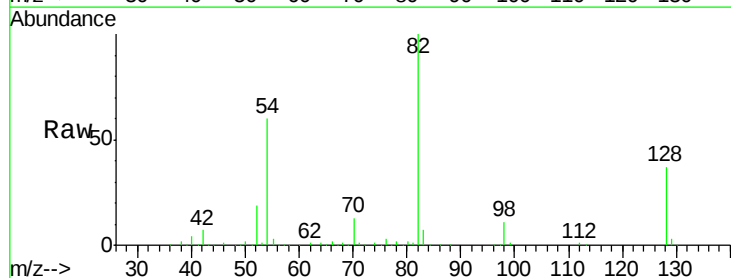


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

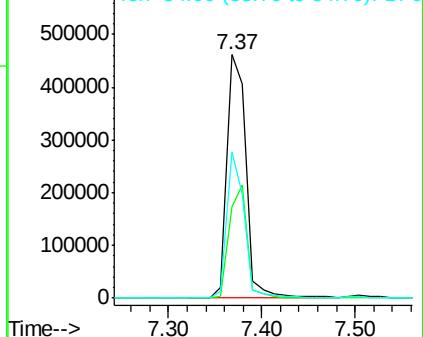
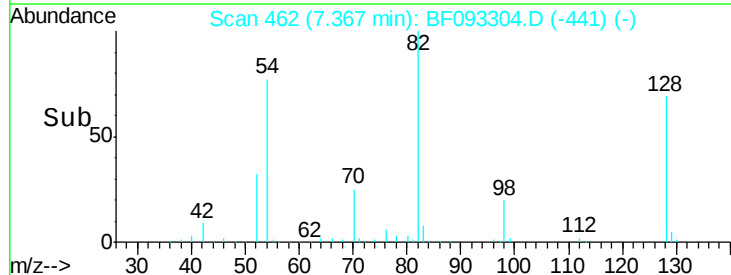


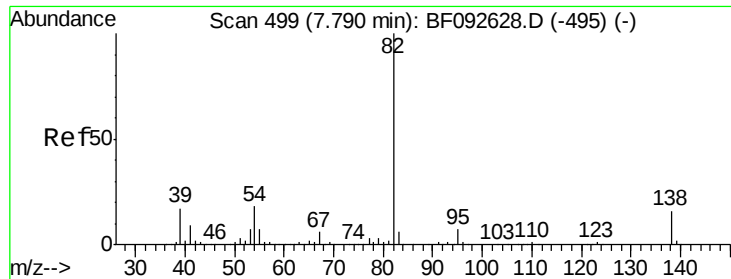
#23
Nitrobenzene-d5
Concen: 63.05 ng
RT: 7.37 min Scan# 462
Delta R.T. -0.06 min
Lab File: BF093304.D
Acq: 1 Mar 2017 22:08

Tgt Ion:	82	Resp:	654277
Ion	Ratio	Lower	Upper
82	100		
128	37.4	34.6	52.0
54	59.9	39.5	59.3#



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: 2.43 ng

RT: 7.63 min Scan# 485

Delta R.T. -0.06 min

Lab File: BF093304.D

Acq: 1 Mar 2017 22:08

Instrument :

BNA_F

ClientSampleId :

P-8

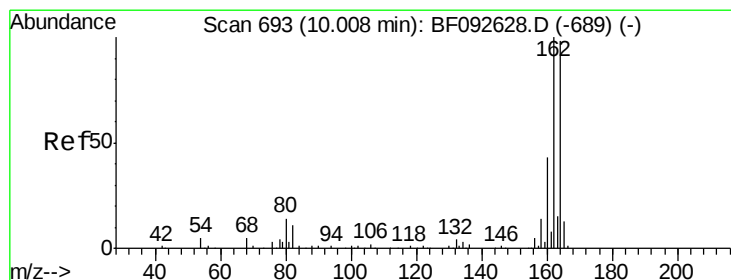
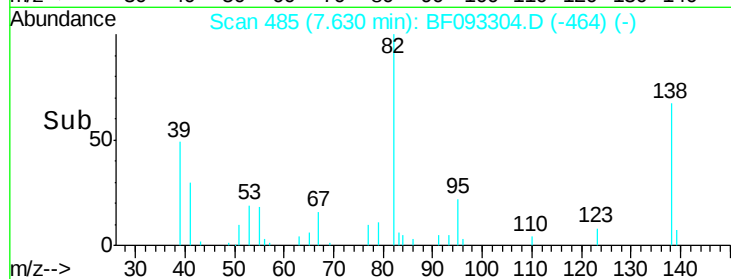
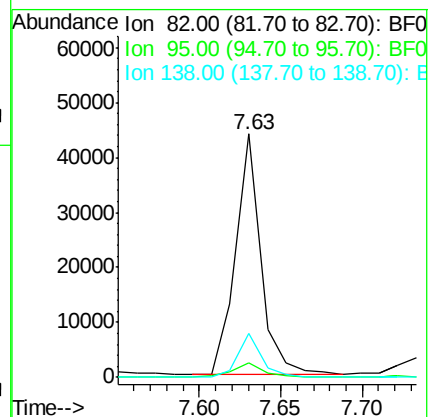
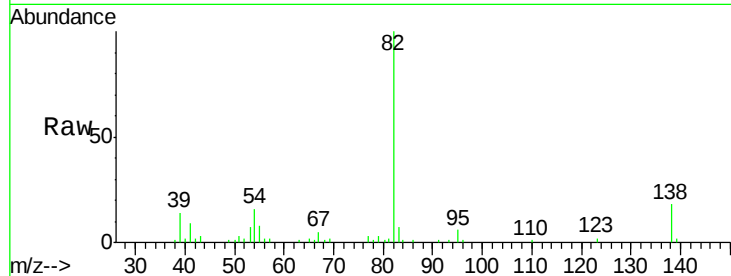
Tgt Ion: 82 Resp: 47037

Ion Ratio Lower Upper

82 100

95 6.1 5.6 8.4

138 18.2 14.6 22.0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.84 min Scan# 678

Delta R.T. -0.06 min

Lab File: BF093304.D

Acq: 1 Mar 2017 22:08

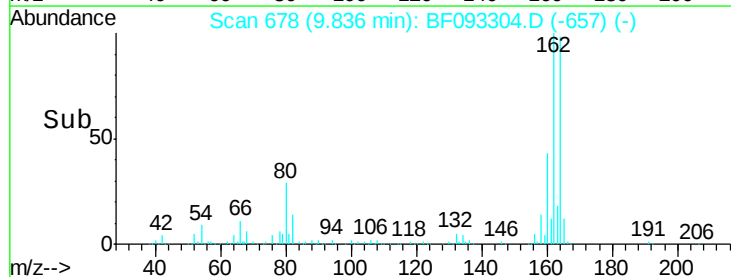
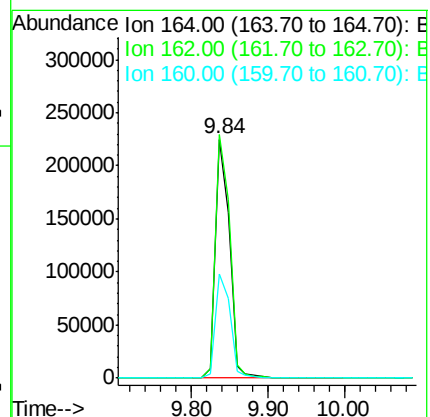
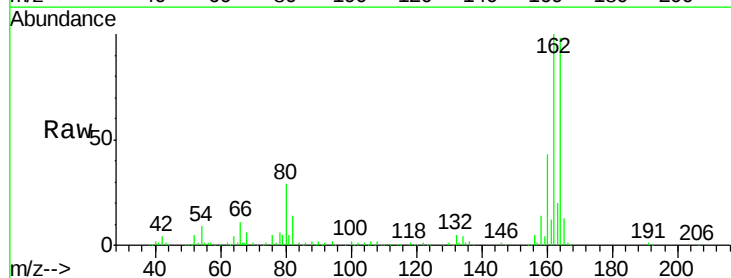
Tgt Ion: 164 Resp: 283162

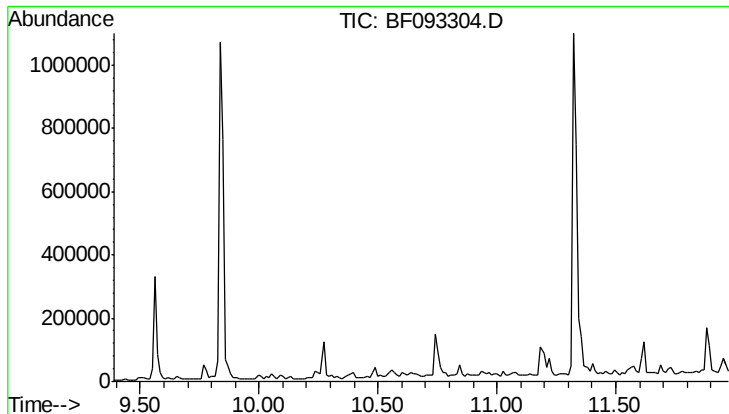
Ion Ratio Lower Upper

164 100

162 102.0 80.2 120.2

160 43.5 36.9 55.3

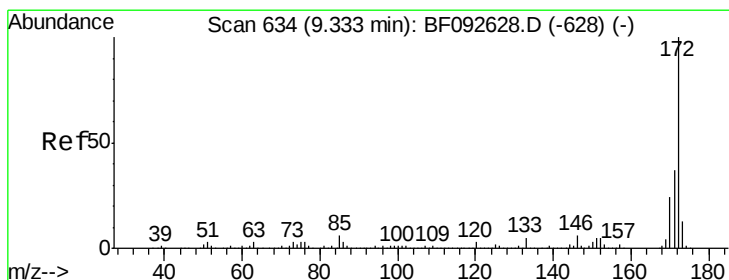
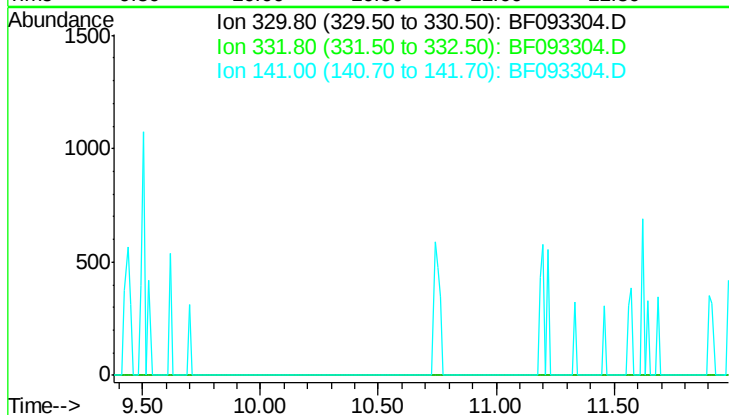




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.68 min
 Lab File: BF093304.D
 Acq: 1 Mar 2017 22:08

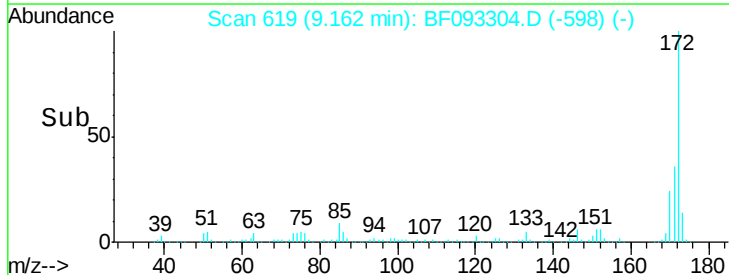
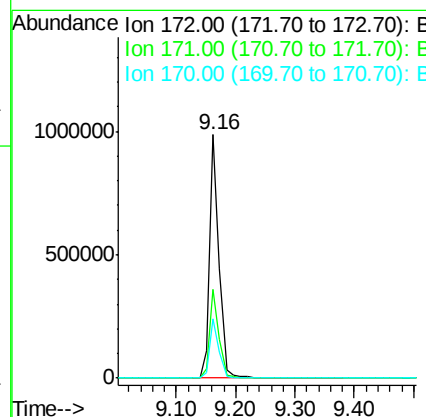
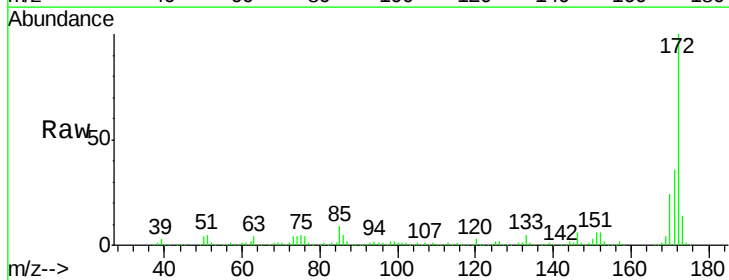
Instrument :
 BNA_F
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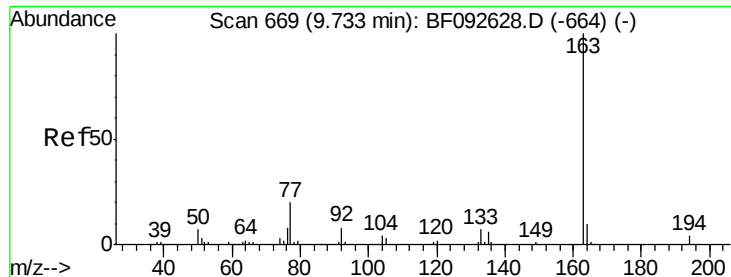
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.8
 141 42.6



#44
 2-Fluorobiphenyl
 Concen: 70.93 ng
 RT: 9.16 min Scan# 619
 Delta R.T. -0.06 min
 Lab File: BF093304.D
 Acq: 1 Mar 2017 22:08

Tgt Ion: 172 Resp: 1108683
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.2 20.2 30.4

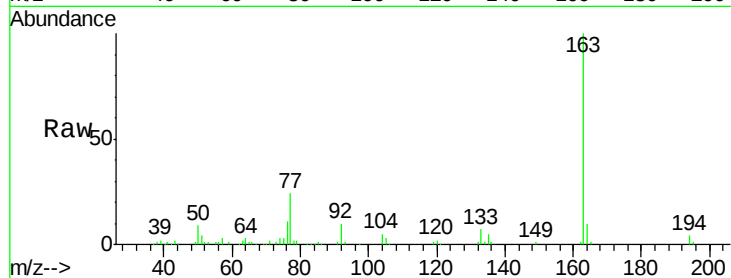




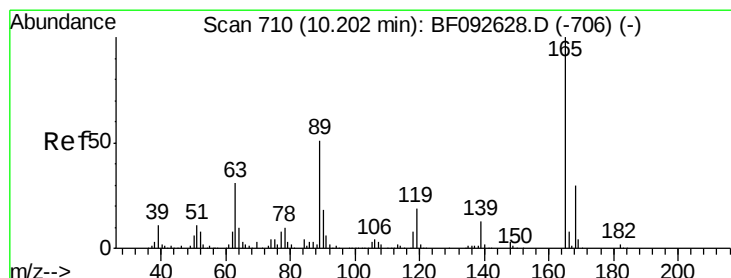
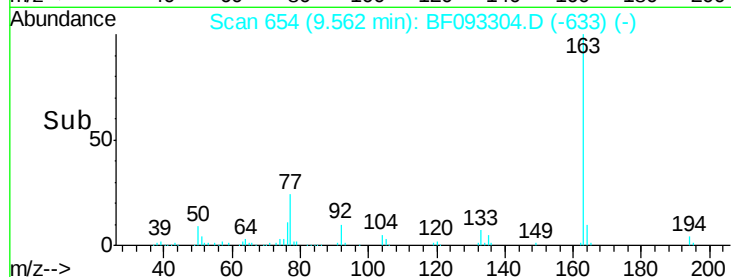
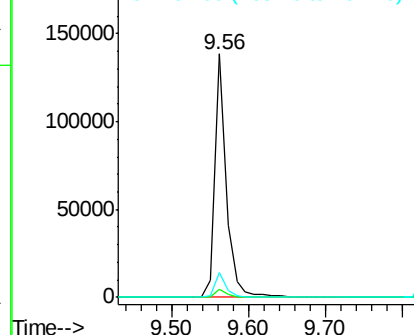
#49
Dimethylphthalate
Concen: 7.48 ng
RT: 9.56 min Scan# 654
Delta R.T. -0.06 min
Lab File: BF093304.D
Acq: 1 Mar 2017 22:08

Instrument :
BNA_F
ClientSampleId :
P-8

Tgt Ion:163 Resp: 142747
Ion Ratio Lower Upper
163 100
194 3.5 3.0 4.4
164 10.1 8.0 12.0

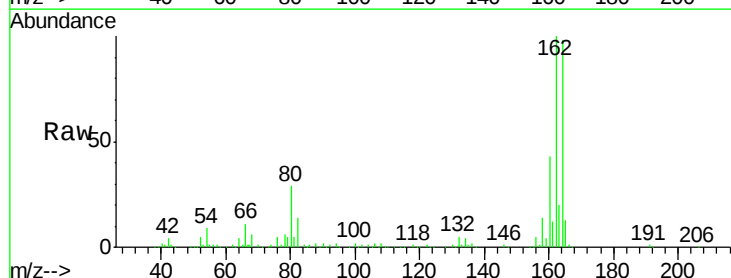


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

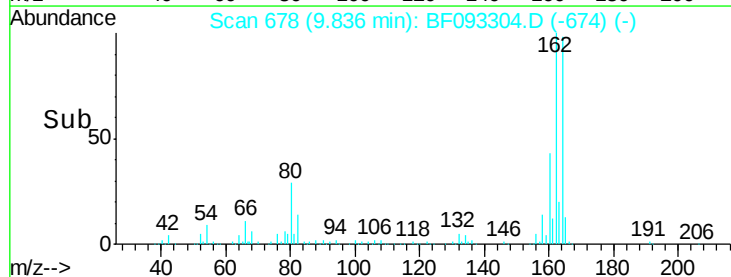
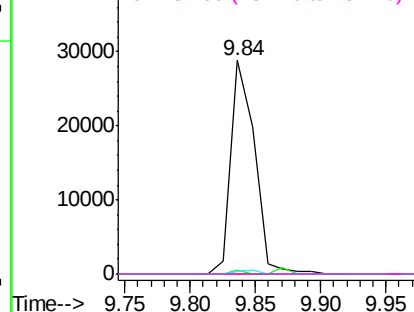


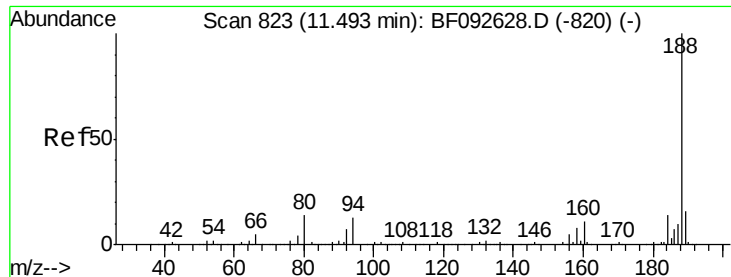
#56
2,4-Dinitrotoluene
Concen: 6.65 ng
RT: 9.84 min Scan# 678
Delta R.T. -0.25 min
Lab File: BF093304.D
Acq: 1 Mar 2017 22:08

Tgt Ion:165 Resp: 36479
Ion Ratio Lower Upper
165 100
63 1.9 40.2 60.4#
89 1.3 62.5 93.7#
182 0.0 1.8 2.8#



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

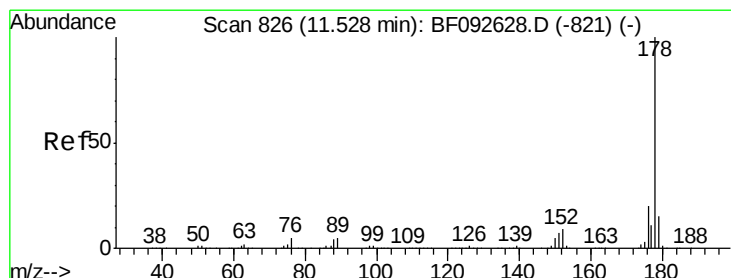
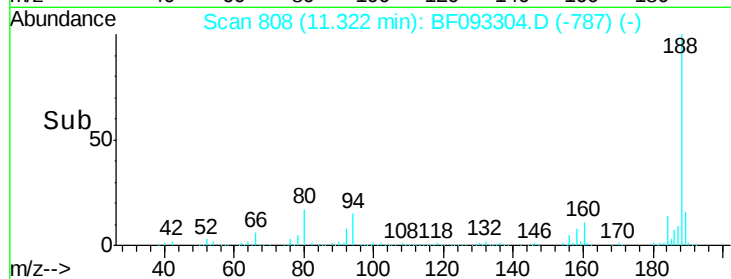
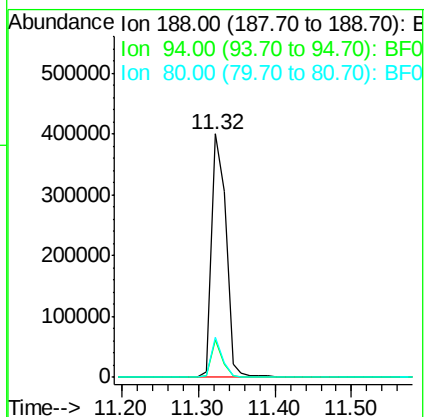
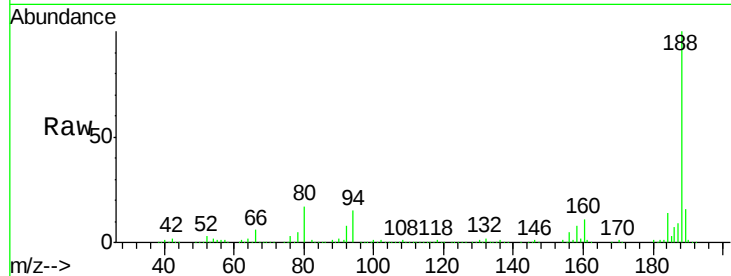




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.32 min Scan# 808
Delta R.T. -0.06 min
Lab File: BF093304.D
Acq: 1 Mar 2017 22:08

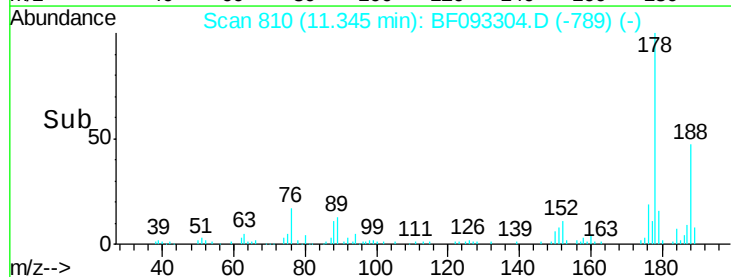
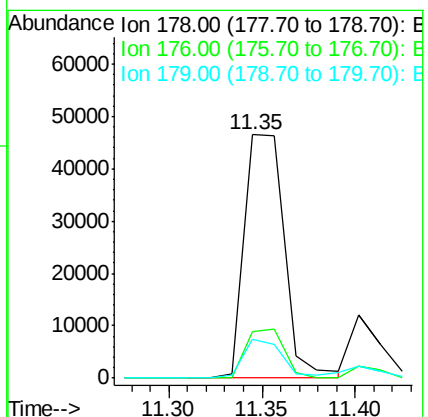
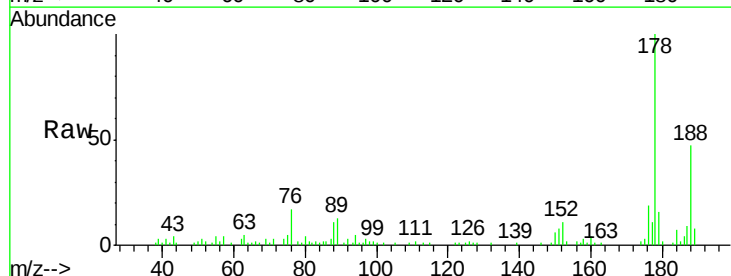
Instrument :
BNA_F
ClientSampled :
P-8

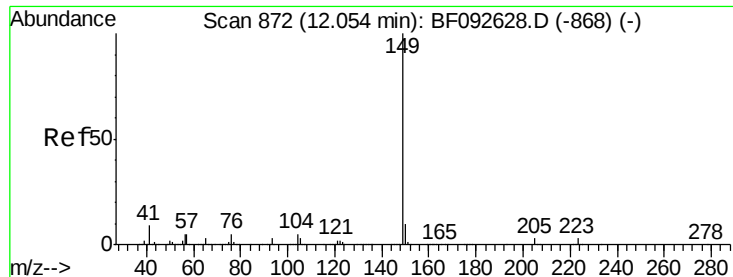
Tgt Ion:188 Resp: 516399
Ion Ratio Lower Upper
188 100
94 15.2 10.0 15.0#
80 16.7 11.2 16.8



#70
Phenanthrene
Concen: 2.33 ng
RT: 11.35 min Scan# 810
Delta R.T. -0.06 min
Lab File: BF093304.D
Acq: 1 Mar 2017 22:08

Tgt Ion:178 Resp: 68968
Ion Ratio Lower Upper
178 100
176 19.0 16.6 25.0
179 15.9 12.8 19.2

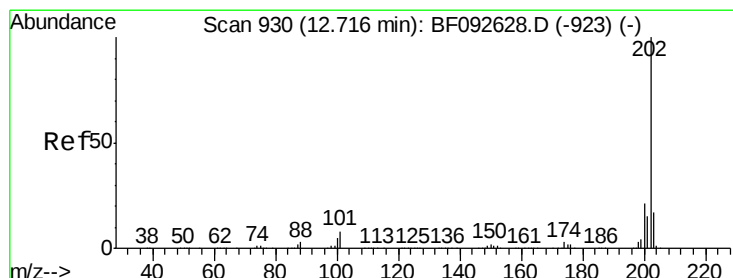
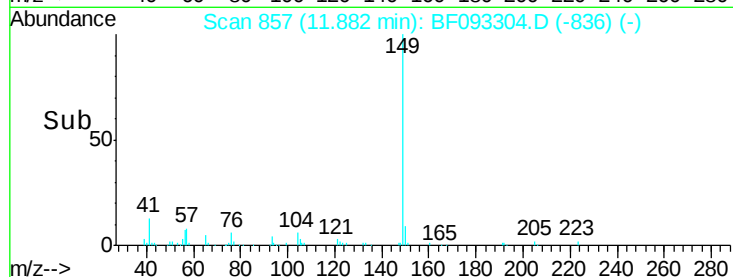
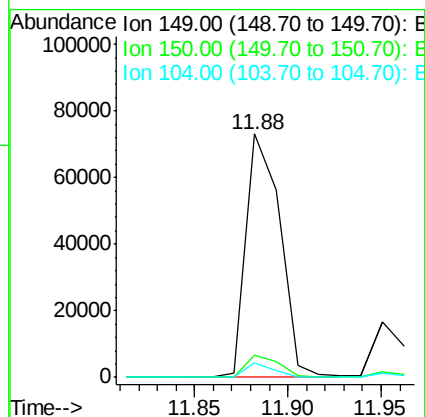
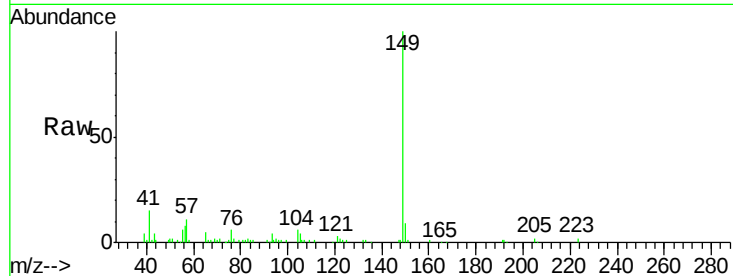




#73
Di-n-butylphthalate
Concen: 3.03 ng
RT: 11.88 min Scan# 857
Delta R.T. -0.06 min
Lab File: BF093304.D
Acq: 1 Mar 2017 22:08

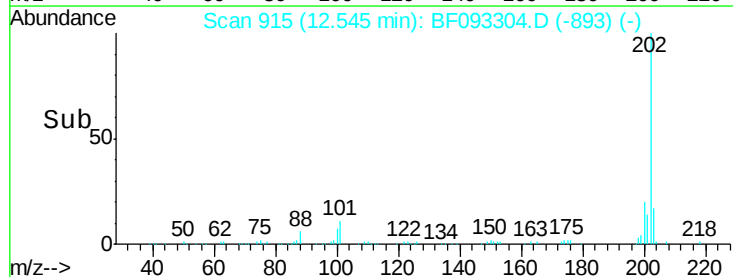
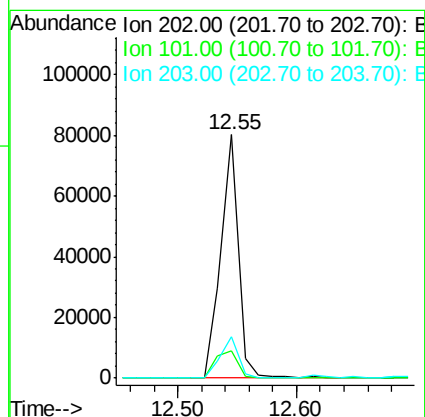
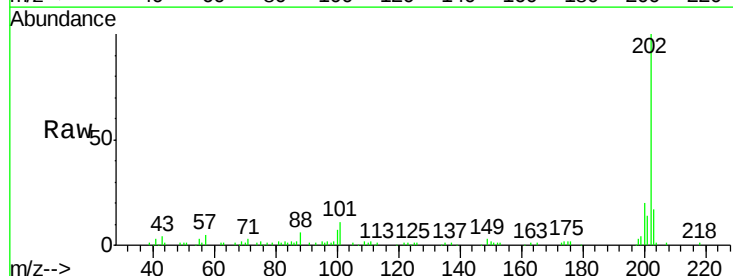
Instrument :
BNA_F
ClientSampleId :
P-8

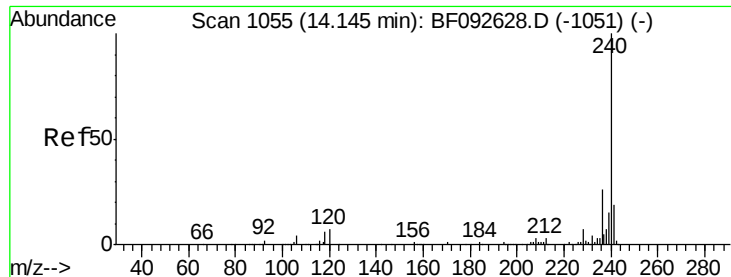
Tgt Ion:149 Resp: 93138
Ion Ratio Lower Upper
149 100
150 9.2 8.1 12.1
104 5.7 4.6 7.0



#74
Fluoranthene
Concen: 2.67 ng
RT: 12.55 min Scan# 915
Delta R.T. -0.05 min
Lab File: BF093304.D
Acq: 1 Mar 2017 22:08

Tgt Ion:202 Resp: 81609
Ion Ratio Lower Upper
202 100
101 11.0 0.0 34.6
203 16.9 0.0 38.7





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.97 min Scan# 1040

Delta R.T. -0.05 min

Lab File: BF093304.D

Acq: 1 Mar 2017 22:08

Instrument :

BNA_F

ClientSampleId :

P-8

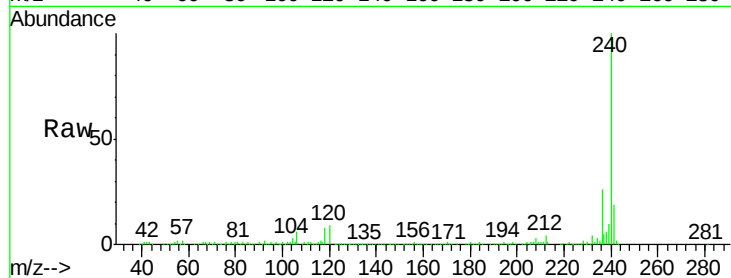
Tgt Ion:240 Resp: 399221

Ion Ratio Lower Upper

240 100

120 8.7 12.9 19.3#

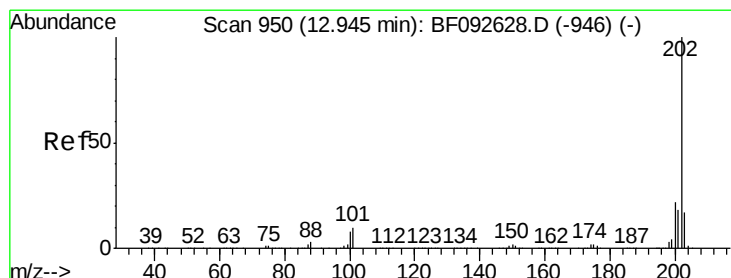
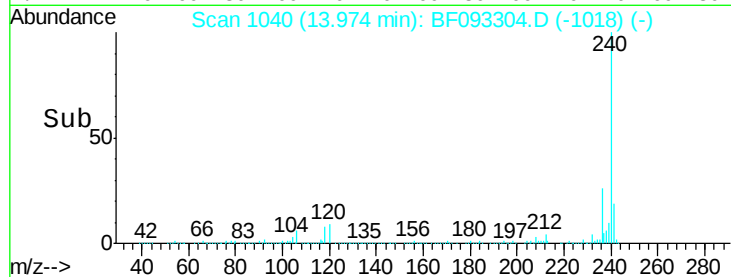
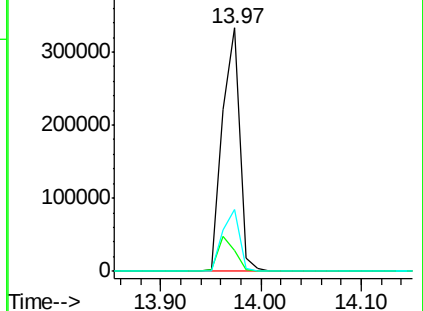
236 25.6 20.9 31.3



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



#77

Pyrene

Concen: 2.21 ng

RT: 12.77 min Scan# 935

Delta R.T. -0.05 min

Lab File: BF093304.D

Acq: 1 Mar 2017 22:08

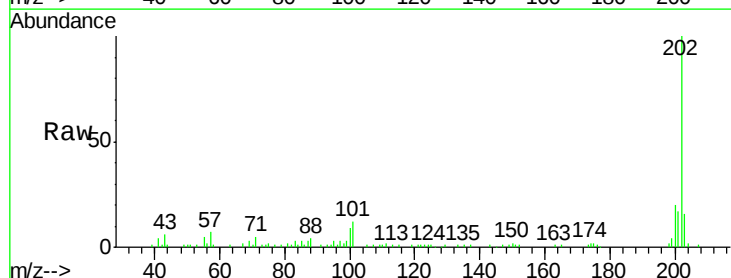
Tgt Ion:202 Resp: 65880

Ion Ratio Lower Upper

202 100

200 20.5 17.7 26.5

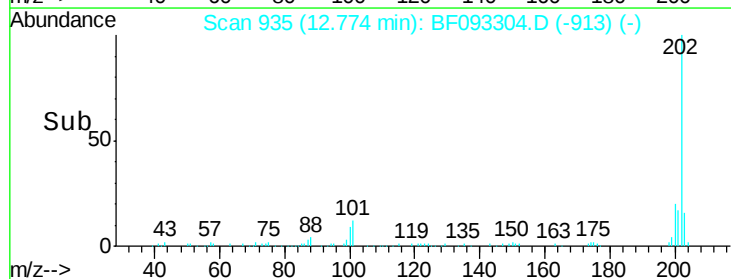
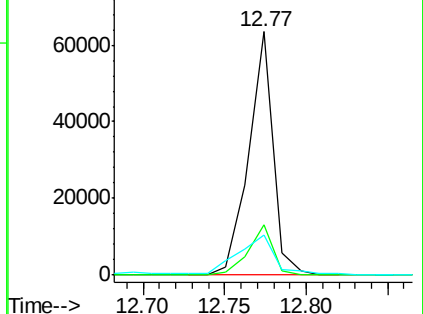
203 16.4 14.7 22.1

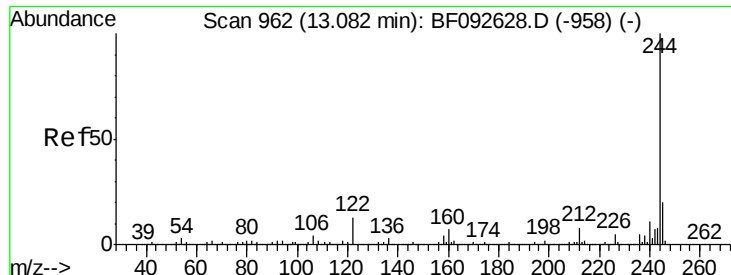


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

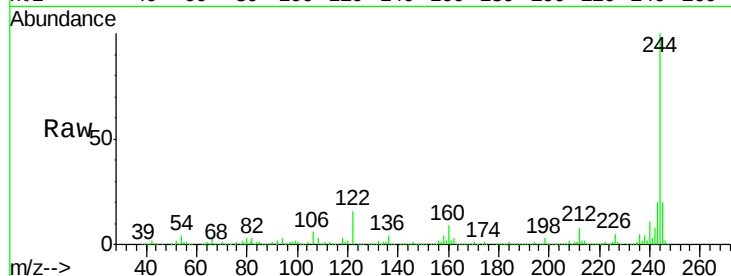




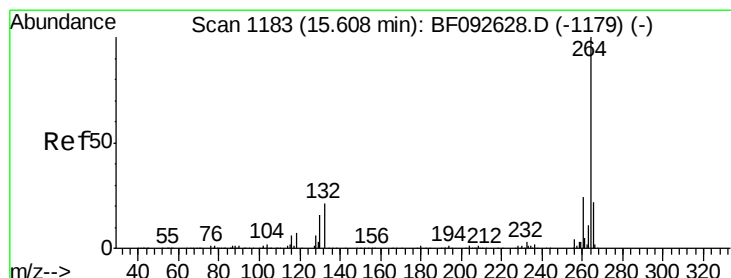
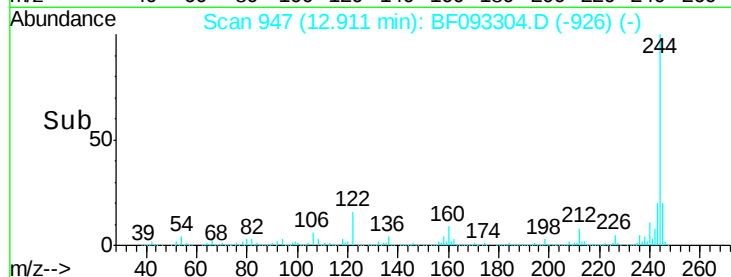
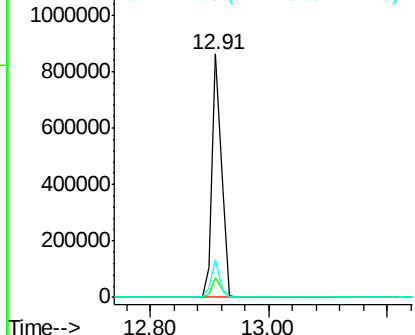
#78
 Terphenyl-d14
 Concen: 55.02 ng
 RT: 12.91 min Scan# 947
 Delta R.T. -0.06 min
 Lab File: BF093304.D
 Acq: 1 Mar 2017 22:08

Instrument :
 BNA_F
 ClientSampleID :
 P-8

Tgt Ion: 244 Resp: 934769
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.2 9.2
 122 15.5 11.4 17.2

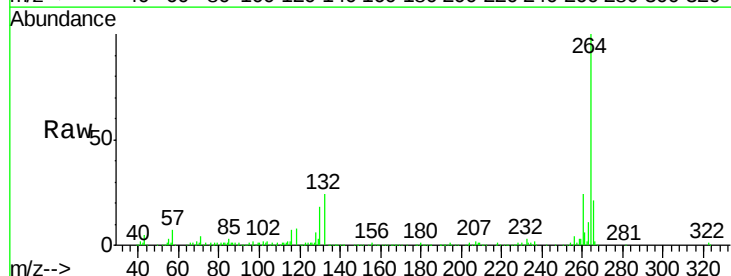


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.39 min Scan# 1164
 Delta R.T. -0.06 min
 Lab File: BF093304.D
 Acq: 1 Mar 2017 22:08

Tgt Ion: 264 Resp: 277852
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.4 17.4 26.0



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

