

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093381.D
 Acq On : 4 Mar 2017 1:35
 Operator : SJ/MA
 Sample : I2078-07
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-4

Quant Time: Mar 04 02:16:10 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

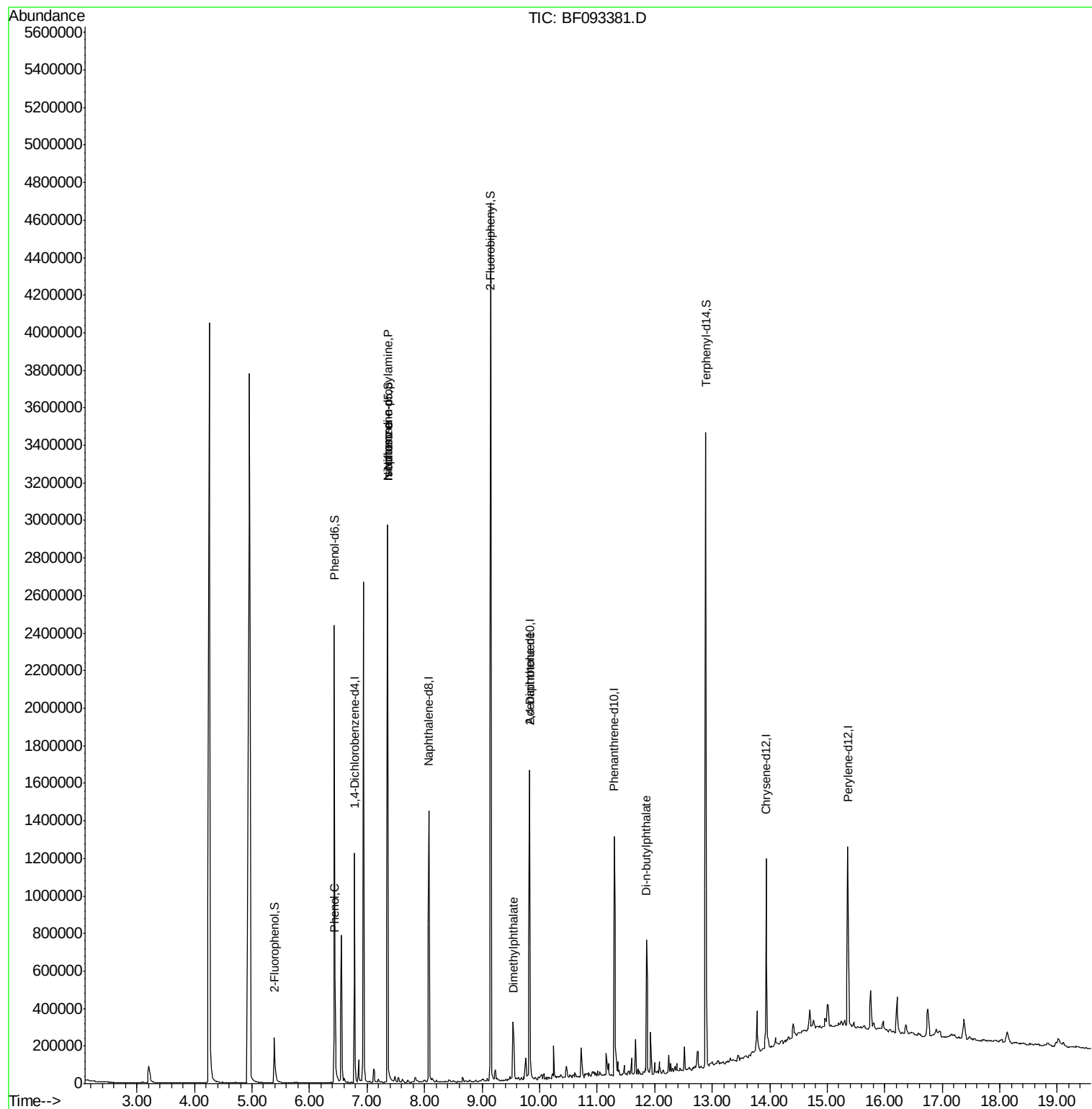
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	214850	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	817074	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	361613	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	599009	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	388679	20.00	ng	-0.08
86) Perylene-d12	15.36	264	347563	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	117216	9.36	ng	-0.06
7) Phenol-d6	6.43	99	843288	52.34	ng	-0.06
23) Nitrobenzene-d5	7.36	82	987990	67.34	ng	-0.07
41) 2,4,6-Tribromophenol	10.62	330	2515	0.96	ng	-0.06
44) 2-Fluorobiphenyl	9.15	172	1575754	78.94	ng	-0.07
78) Terphenyl-d14	12.89	244	1047567	63.33	ng	-0.08
Target Compounds						
10) Phenol	6.44	94	51619	2.74	ng	Qvalue 85
19) n-Nitroso-di-n-propylamine	7.36	70	134805	13.14	ng	# 82
25) Isophorone	7.36	82	797236	29.16	ng	# 65
49) Dimethylphthalate	9.55	163	166458	6.83	ng	98
56) 2,4-Dinitrotoluene	9.82	165	45229	6.46	ng	# 21
73) Di-n-butylphthalate	11.86	149	494086	13.87	ng	98

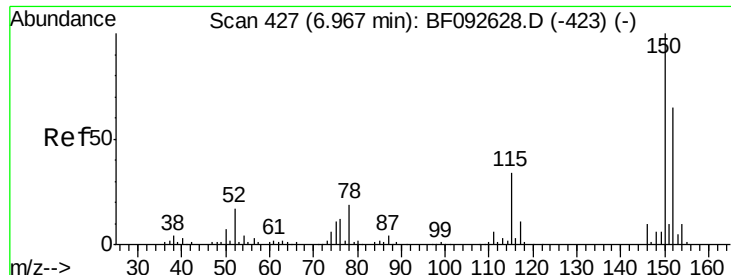
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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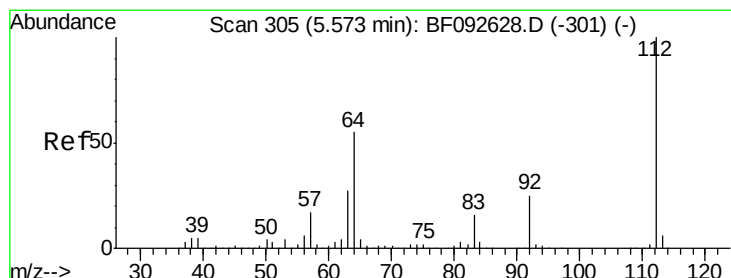
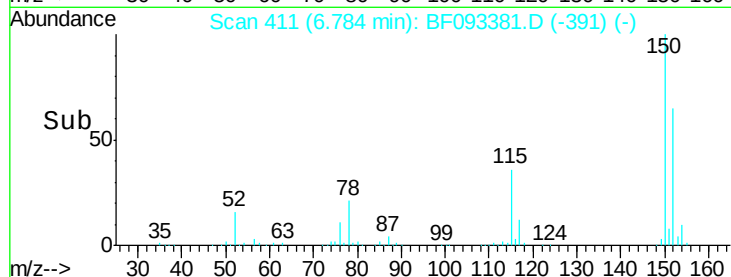
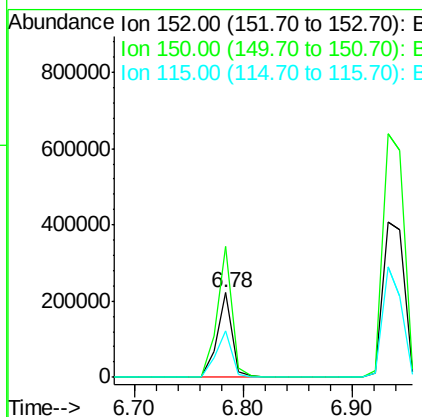
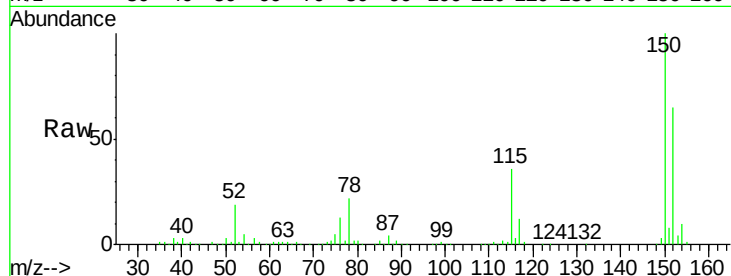




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.78 min Scan# 411
 Delta R.T. -0.07 min
 Lab File: BF093381.D
 Acq: 4 Mar 2017 1:35

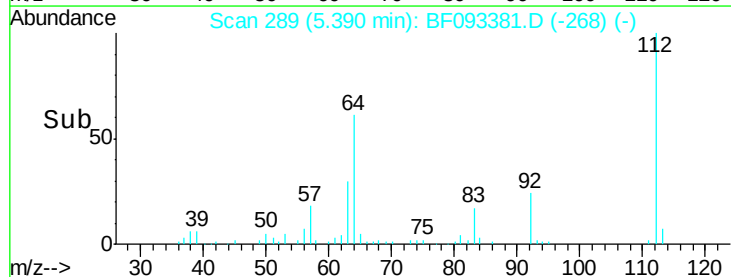
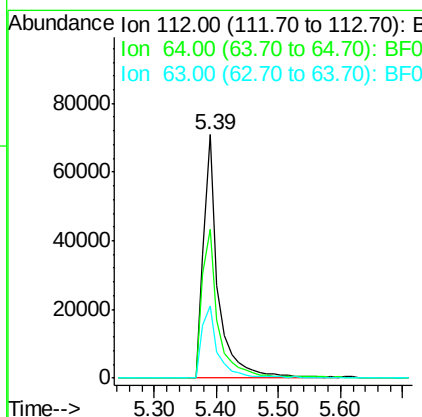
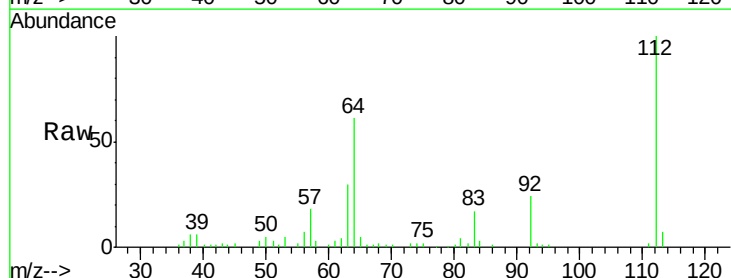
Instrument :
 BNA_F
 ClientSampled :
 C-4

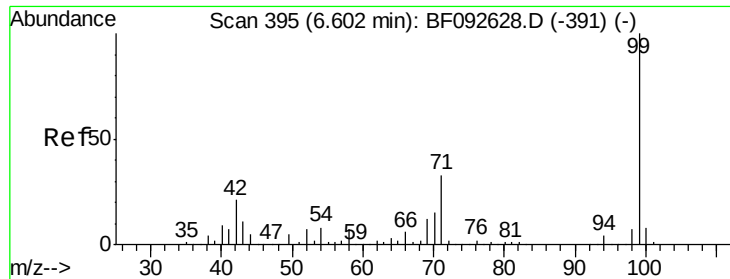
Tgt Ion:152 Resp: 214850
 Ion Ratio Lower Upper
 152 100
 150 154.9 124.9 187.3
 115 55.4 46.0 69.0



#5
 2-Fluorophenol
 Concen: 9.36 ng
 RT: 5.39 min Scan# 289
 Delta R.T. -0.06 min
 Lab File: BF093381.D
 Acq: 4 Mar 2017 1:35

Tgt Ion:112 Resp: 117216
 Ion Ratio Lower Upper
 112 100
 64 61.3 46.1 69.1
 63 29.8 23.8 35.6





#7

Phenol-d6

Concen: 52.34 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF093381.D

Acq: 4 Mar 2017 1:35

Instrument :

BNA_F

ClientSampleId :

C-4

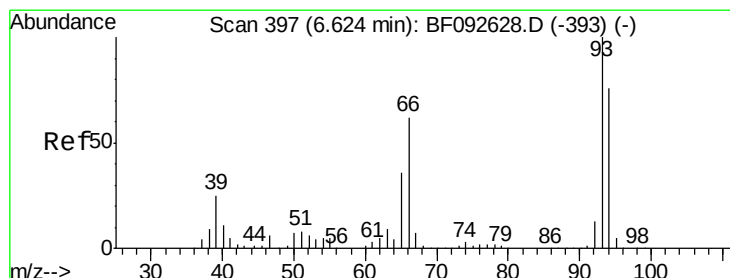
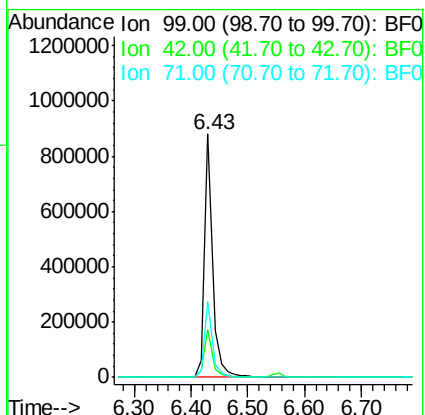
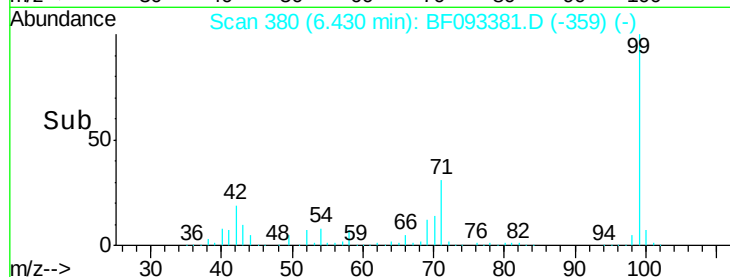
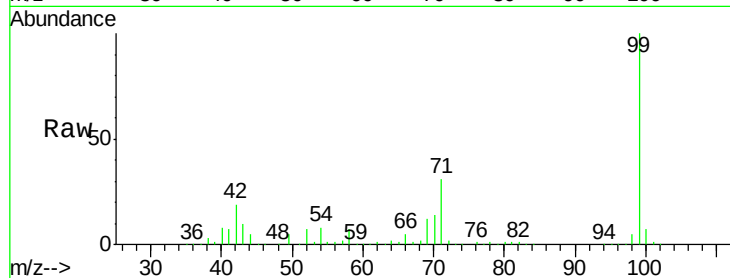
Tgt Ion: 99 Resp: 843288

Ion Ratio Lower Upper

99 100

42 19.4 15.6 23.4

71 31.4 27.5 41.3



#10

Phenol

Concen: 2.74 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.07 min

Lab File: BF093381.D

Acq: 4 Mar 2017 1:35

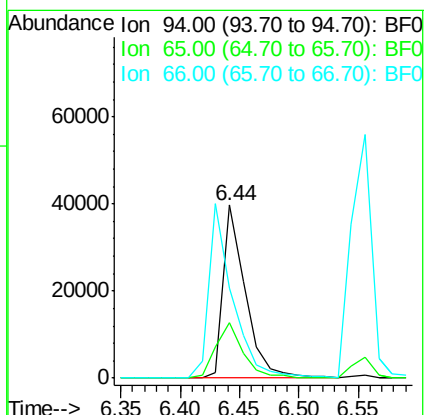
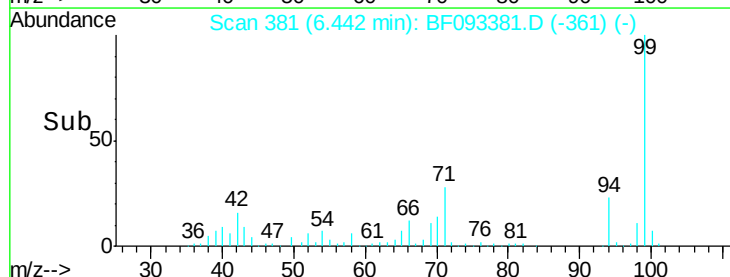
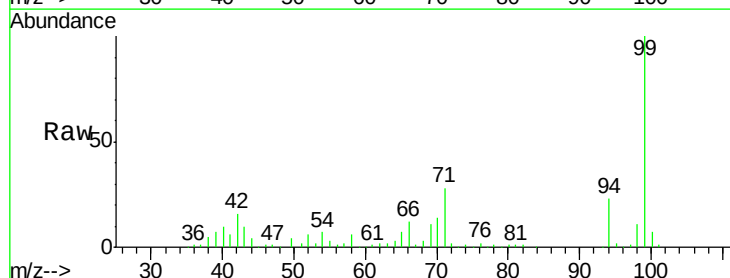
Tgt Ion: 94 Resp: 51619

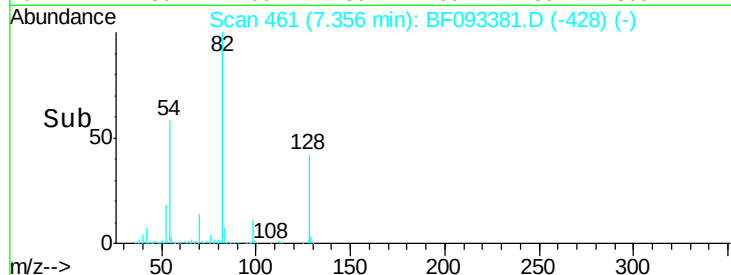
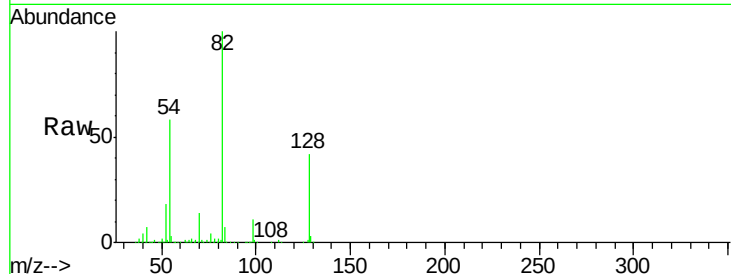
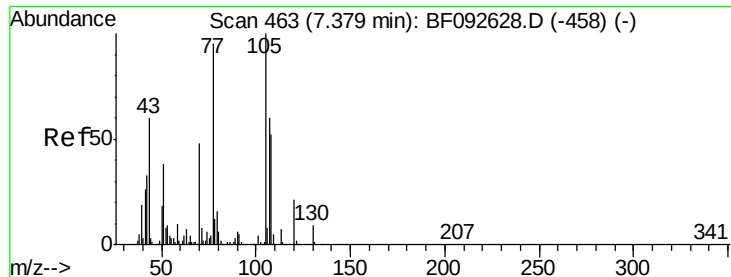
Ion Ratio Lower Upper

94 100

65 31.8 21.4 61.4

66 52.3 44.0 84.0

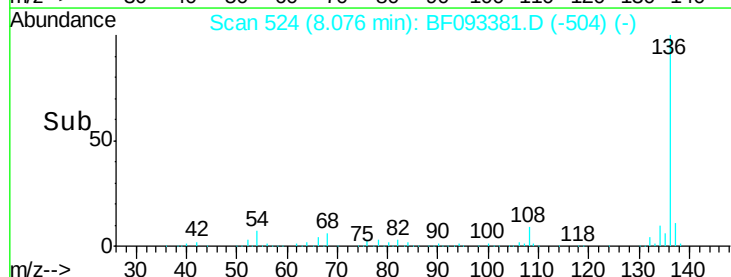
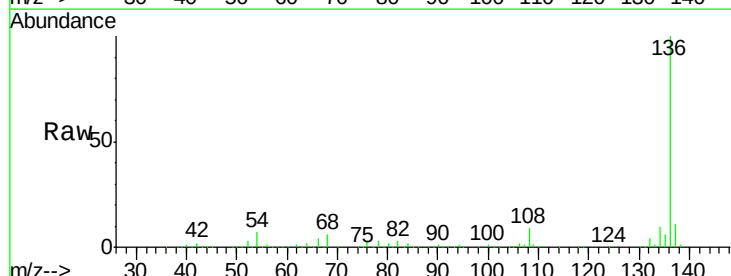
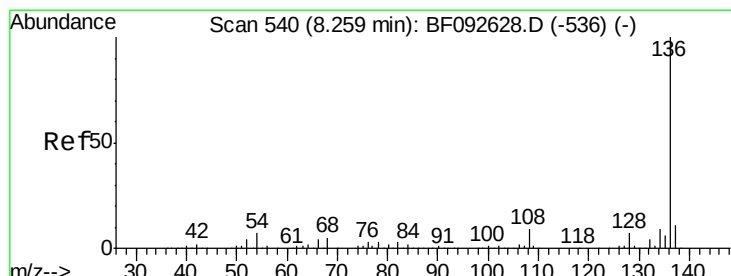
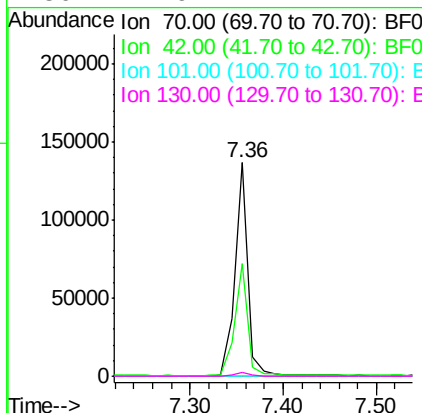




#19
n-Nitroso-di-n-propylamine
Concen: 13.14 ng
RT: 7.36 min Scan# 461
Delta R.T. 0.08 min
Lab File: BF093381.D
Acq: 4 Mar 2017 1:35

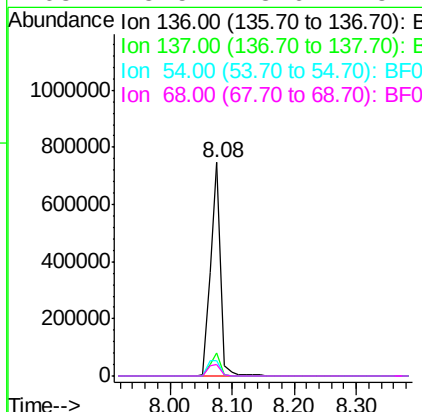
Instrument :
BNA_F
ClientSampleId :
C-4

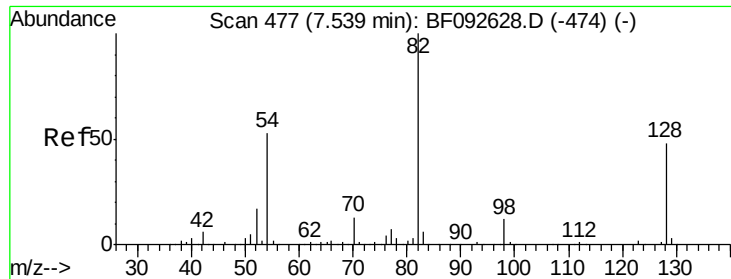
Tgt Ion: 70 Resp: 134805
Ion Ratio Lower Upper
70 100
42 52.6 49.4 74.0
101 0.0 7.4 11.2#
130 1.9 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.08 min Scan# 524
Delta R.T. -0.07 min
Lab File: BF093381.D
Acq: 4 Mar 2017 1:35

Tgt Ion: 136 Resp: 817074
Ion Ratio Lower Upper
136 100
137 10.5 8.4 12.6
54 7.5 4.5 6.7#
68 5.5 3.6 5.4#

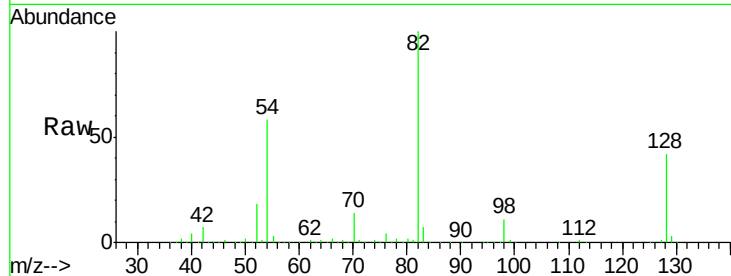




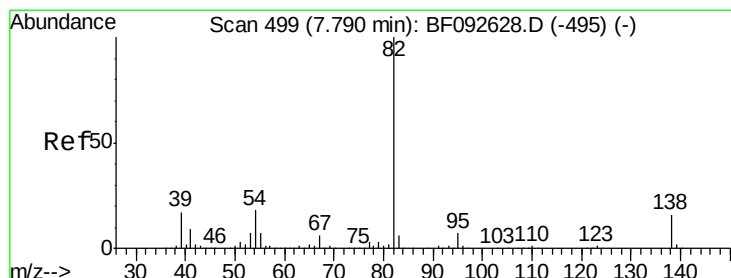
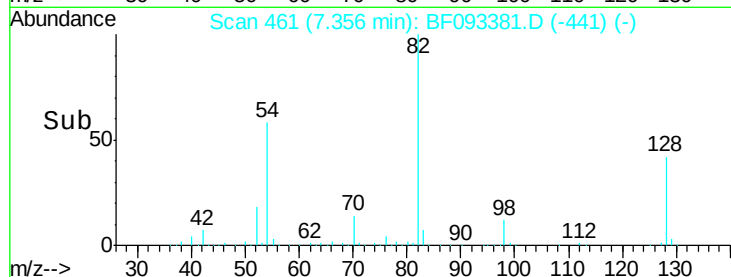
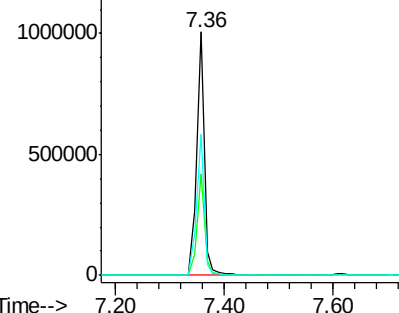
#23
 Nitrobenzene-d5
 Concen: 67.34 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.07 min
 Lab File: BF093381.D
 Acq: 4 Mar 2017 1:35

Instrument :
 BNA_F
 ClientSampleId :
 C-4

Tgt Ion: 82 Resp: 987990
 Ion Ratio Lower Upper
 82 100
 128 41.6 34.6 52.0
 54 57.8 39.5 59.3

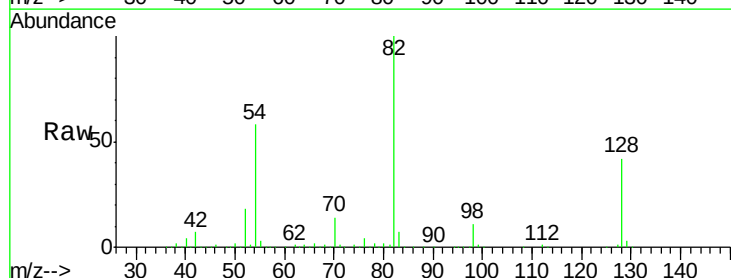


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

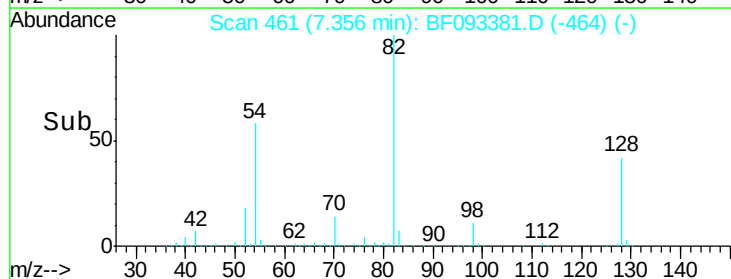
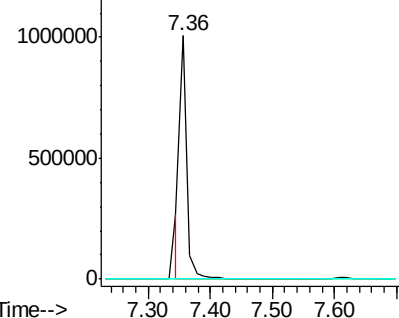


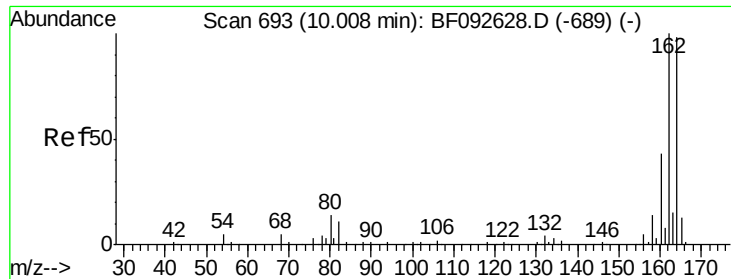
#25
 Isophorone
 Concen: 29.16 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.33 min
 Lab File: BF093381.D
 Acq: 4 Mar 2017 1:35

Tgt Ion: 82 Resp: 797236
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#



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

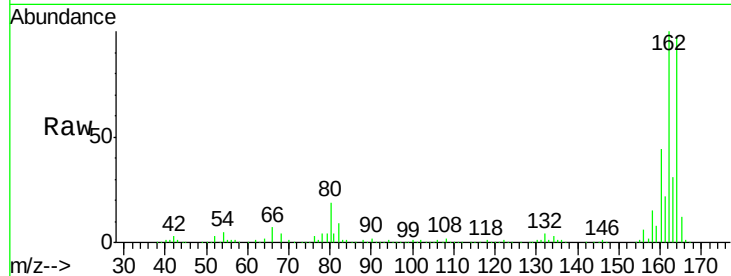




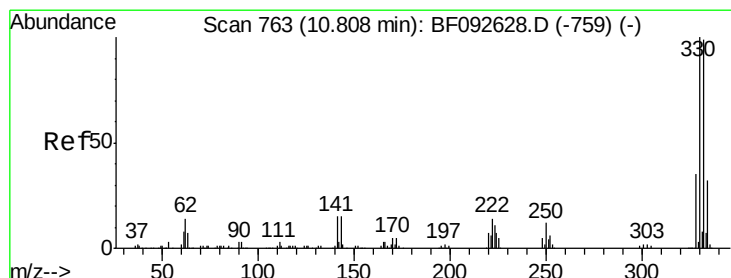
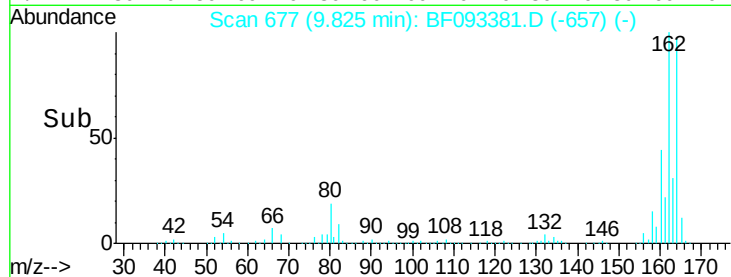
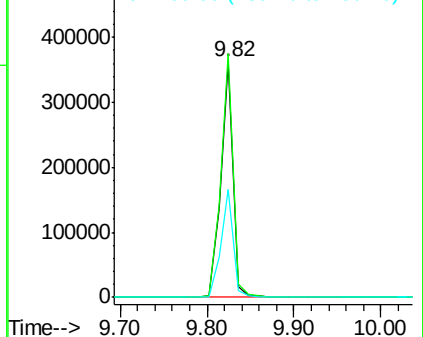
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.07 min
 Lab File: BF093381.D
 Acq: 4 Mar 2017 1:35

Instrument :
 BNA_F
 ClientSampled :
 C-4

Tgt Ion:164 Resp: 361613
 Ion Ratio Lower Upper
 164 100
 162 103.6 80.2 120.2
 160 45.8 36.9 55.3

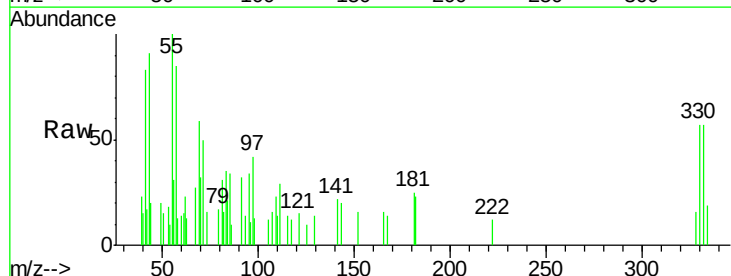


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

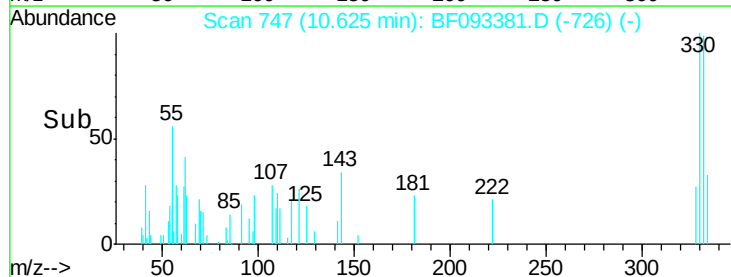
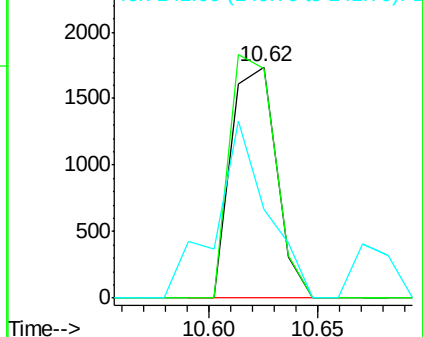


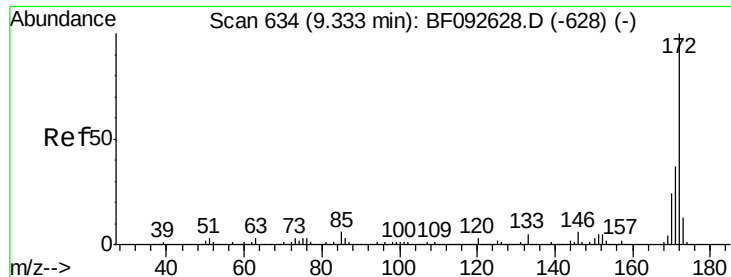
#41
 2,4,6-Tribromophenol
 Concen: 0.96 ng
 RT: 10.62 min Scan# 747
 Delta R.T. -0.06 min
 Lab File: BF093381.D
 Acq: 4 Mar 2017 1:35

Tgt Ion:330 Resp: 2515
 Ion Ratio Lower Upper
 330 100
 332 105.8 77.4 116.2
 141 88.0 34.1 51.1#



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

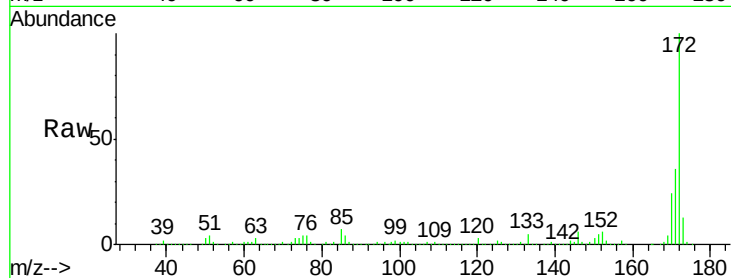




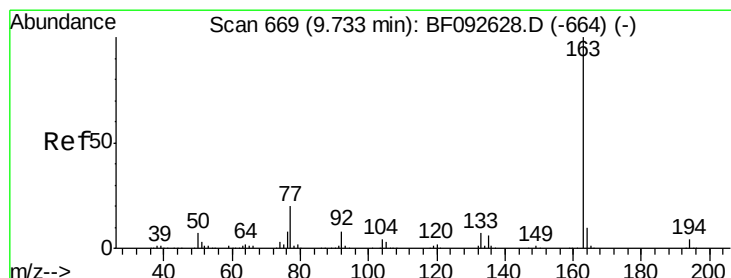
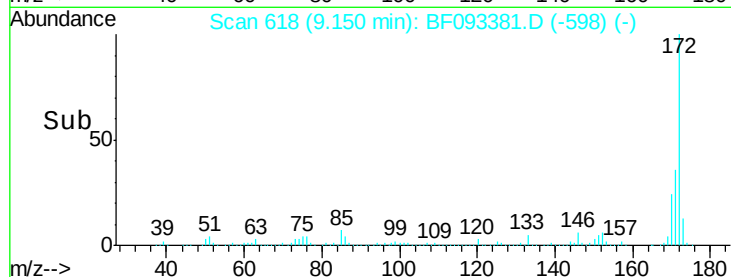
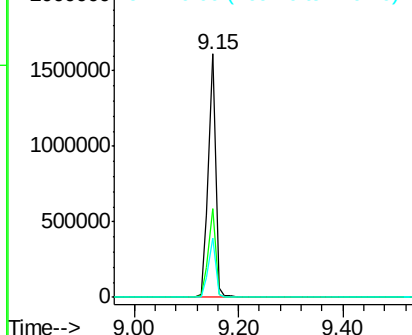
#44
2-Fluorobiphenyl
Concen: 78.94 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.07 min
Lab File: BF093381.D
Acq: 4 Mar 2017 1:35

Instrument :
BNA_F
ClientSampleId :
C-4

Tgt Ion:172 Resp: 1575754
Ion Ratio Lower Upper
172 100
171 36.4 29.4 44.0
170 24.4 20.2 30.4

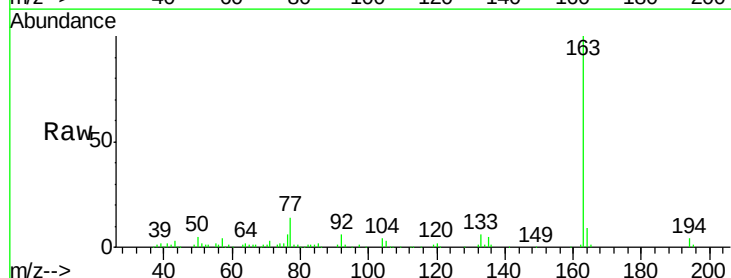


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

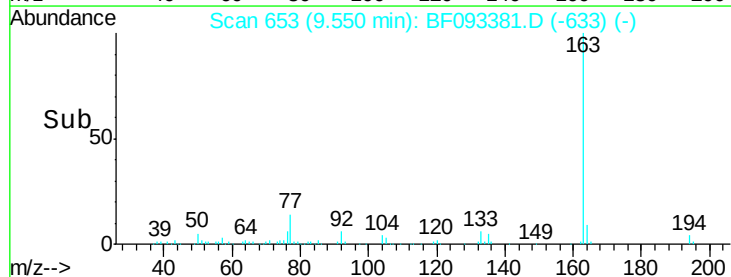
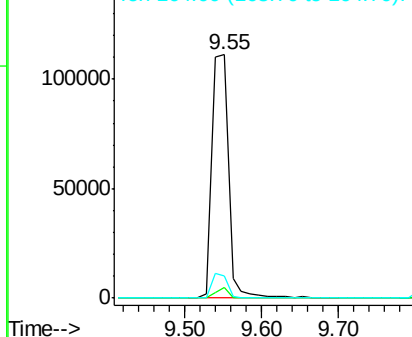


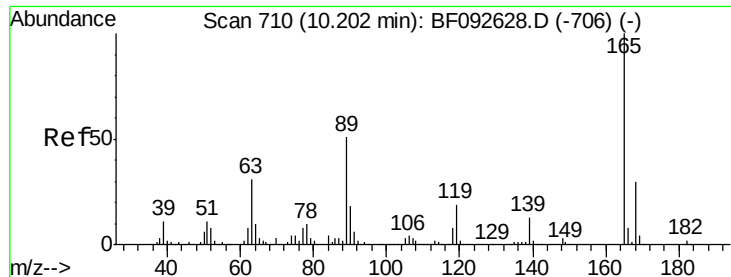
#49
Dimethylphthalate
Concen: 6.83 ng
RT: 9.55 min Scan# 653
Delta R.T. -0.07 min
Lab File: BF093381.D
Acq: 4 Mar 2017 1:35

Tgt Ion:163 Resp: 166458
Ion Ratio Lower Upper
163 100
194 4.3 3.0 4.4
164 9.3 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

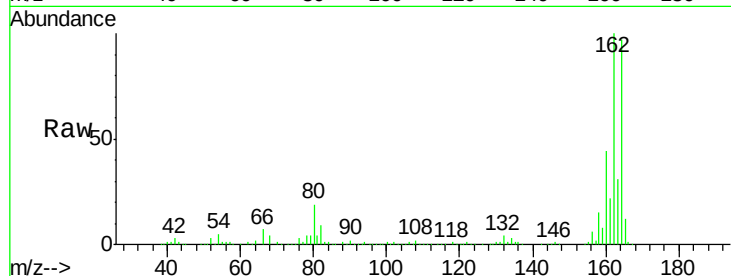




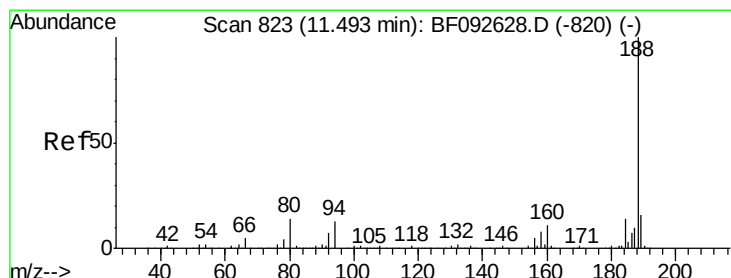
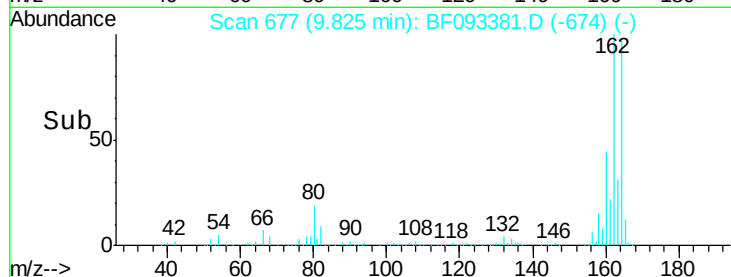
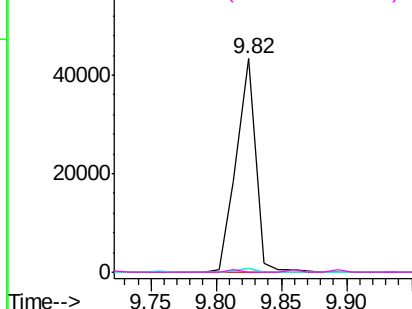
#56
 2,4-Dinitrotoluene
 Concen: 6.46 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.26 min
 Lab File: BF093381.D
 Acq: 4 Mar 2017 1:35

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Tgt Ion:165 Resp: 45229
 Ion Ratio Lower Upper
 165 100
 63 1.9 40.2 60.4#
 89 1.9 62.5 93.7#
 182 0.0 1.8 2.8#

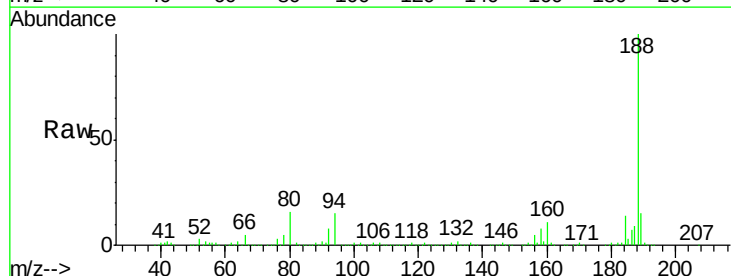


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

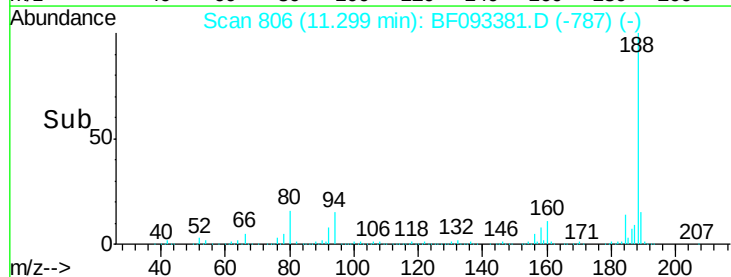
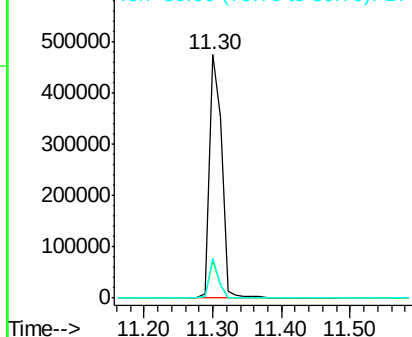


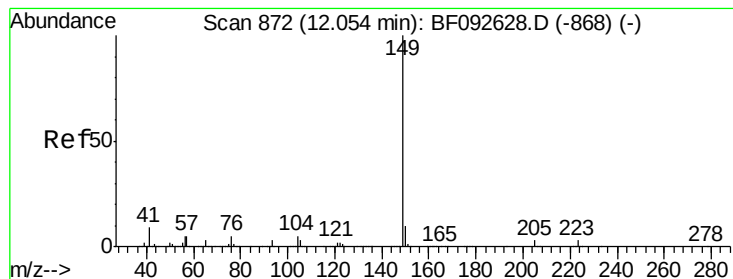
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.08 min
 Lab File: BF093381.D
 Acq: 4 Mar 2017 1:35

Tgt Ion:188 Resp: 599009
 Ion Ratio Lower Upper
 188 100
 94 15.5 10.0 15.0#
 80 16.5 11.2 16.8



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





#73

Di-n-butylphthalate

Concen: 13.87 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.08 min

Lab File: BF093381.D

Acq: 4 Mar 2017 1:35

Instrument :

BNA_F

ClientSampleId :

C-4

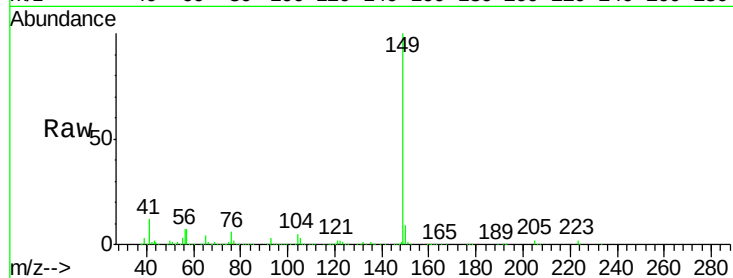
Tgt Ion:149 Resp: 494086

Ion Ratio Lower Upper

149 100

150 9.1 8.1 12.1

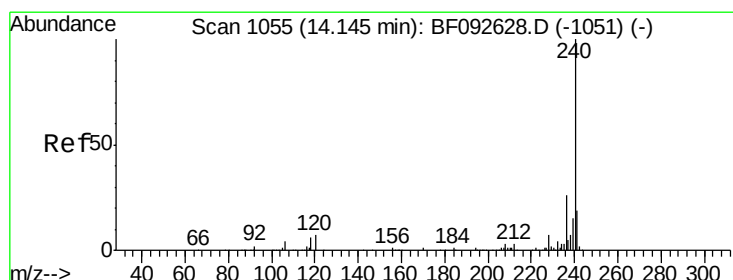
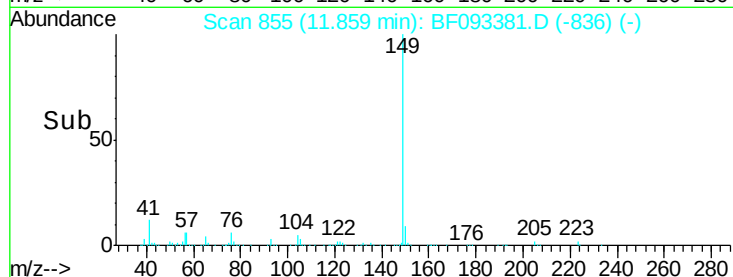
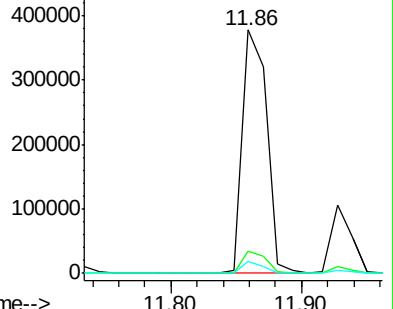
104 5.2 4.6 7.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF093381.D

Acq: 4 Mar 2017 1:35

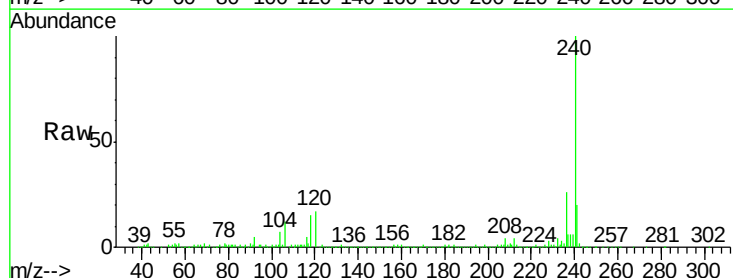
Tgt Ion:240 Resp: 388679

Ion Ratio Lower Upper

240 100

120 17.4 12.9 19.3

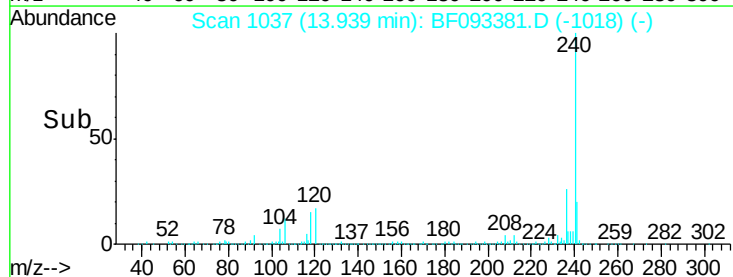
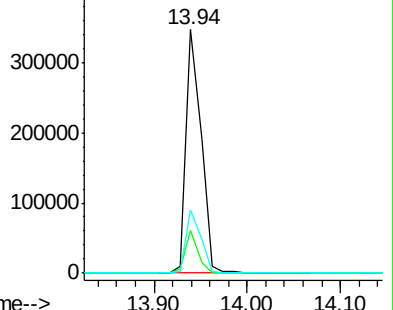
236 26.1 20.9 31.3

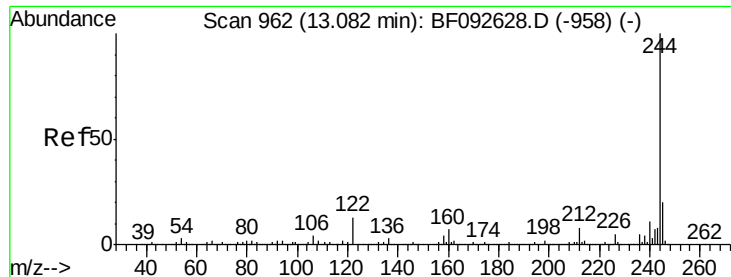


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

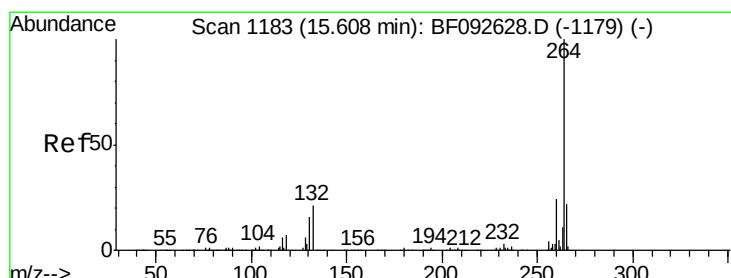
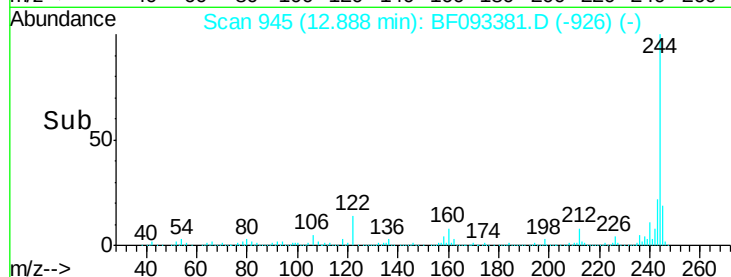
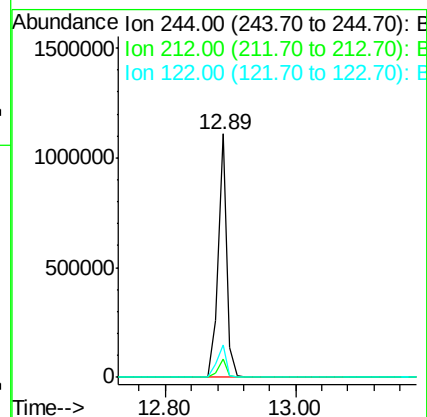
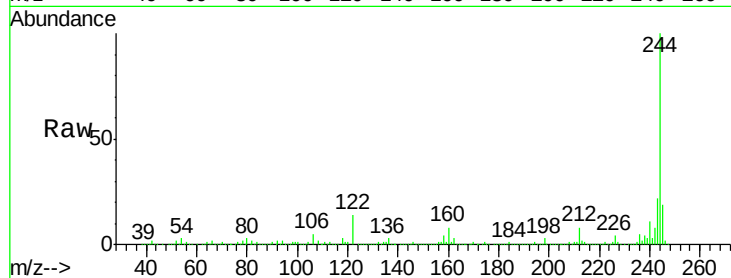




#78
 Terphenyl-d14
 Concen: 63.33 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.08 min
 Lab File: BF093381.D
 Acq: 4 Mar 2017 1:35

Instrument :
 BNA_F
 ClientSampled :
 C-4

Tgt Ion:244 Resp: 1047567
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.2 9.2
 122 13.5 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.09 min
 Lab File: BF093381.D
 Acq: 4 Mar 2017 1:35

Tgt Ion:264 Resp: 347563
 Ion Ratio Lower Upper
 264 100
 260 24.8 19.2 28.8
 265 21.3 17.4 26.0

