

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093383.D
 Acq On : 4 Mar 2017 2:29
 Operator : SJ/MA
 Sample : I2078-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 C-6

Quant Time: Mar 04 03:01:25 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

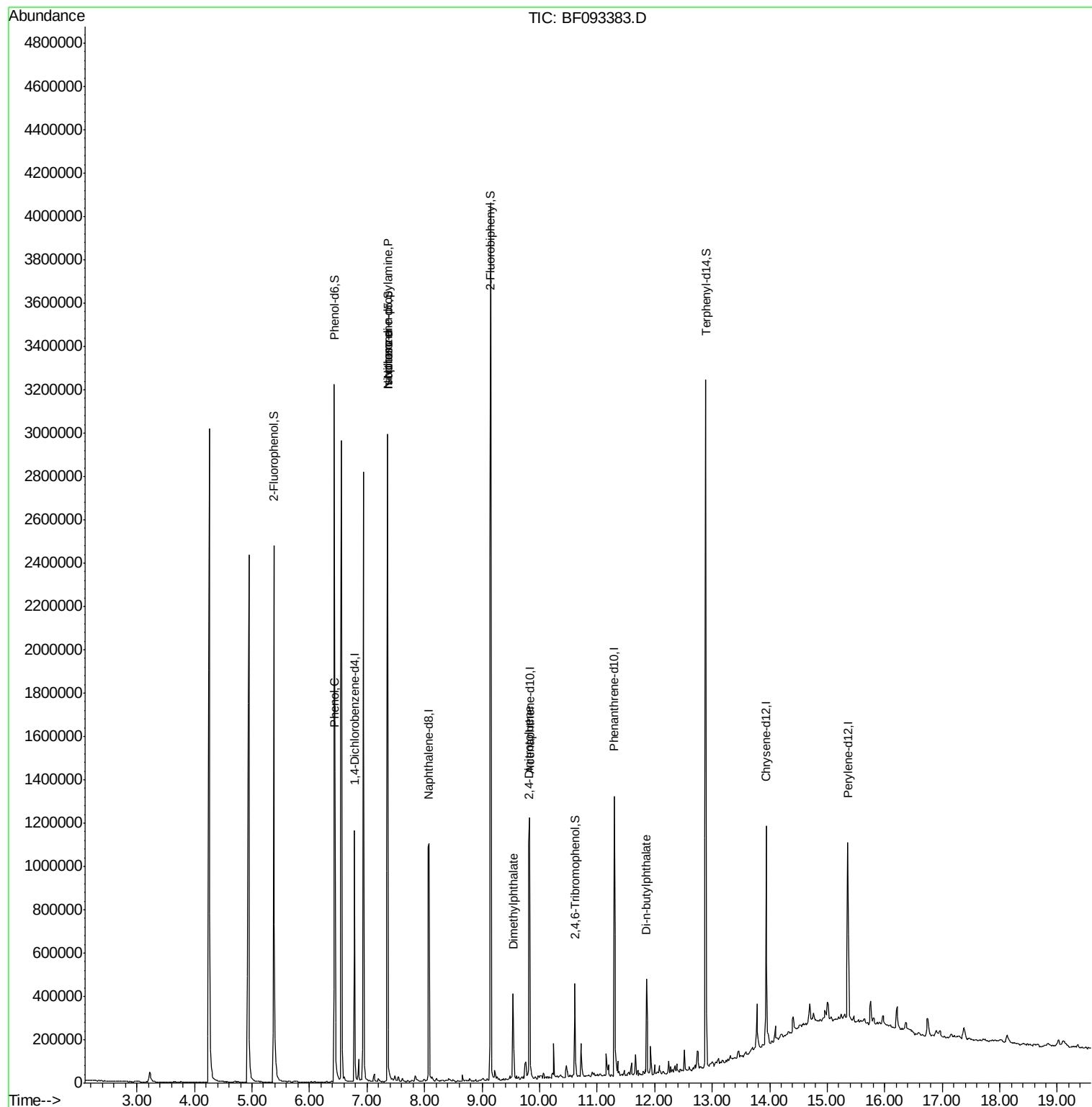
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	212412	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	779291	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	346896	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	548721	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	369512	20.00	ng	-0.08
86) Perylene-d12	15.36	264	333601	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	739349	59.72	ng	-0.07
7) Phenol-d6	6.43	99	1295144	81.30	ng	-0.06
23) Nitrobenzene-d5	7.36	82	1021518	73.00	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	58619	23.36	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1595764	83.34	ng	-0.07
78) Terphenyl-d14	12.89	244	992761	63.13	ng	-0.08
Target Compounds						
10) Phenol	6.44	94	81984	4.40	ng	Qvalue 95
19) n-Nitroso-di-n-propylamine	7.36	70	135628	13.37	ng	# 80
25) Isophorone	7.36	82	790482	30.31	ng	# 65
49) Dimethylphthalate	9.54	163	168323	7.20	ng	# 99
56) 2,4-Dinitrotoluene	9.81	165	43212	6.43	ng	# 21
73) Di-n-butylphthalate	11.86	149	279129	8.55	ng	97

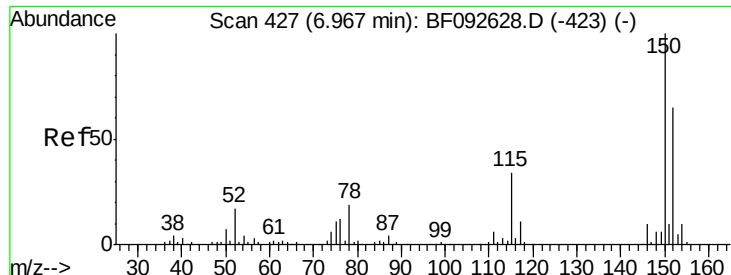
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF093383.D

Acq: 4 Mar 2017 2:29

Instrument :

BNA_F

ClientSampleId :

C-6

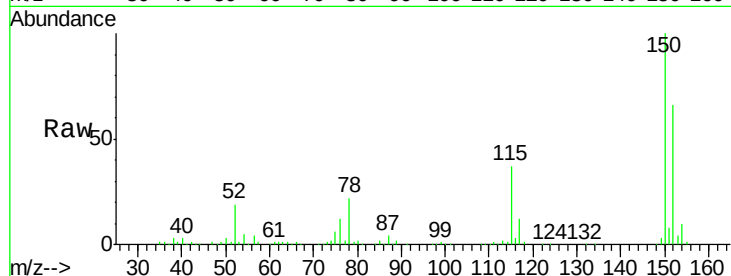
Tgt Ion:152 Resp: 212412

Ion Ratio Lower Upper

152 100

150 152.2 124.9 187.3

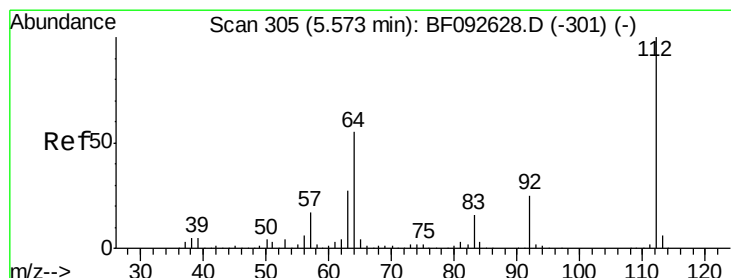
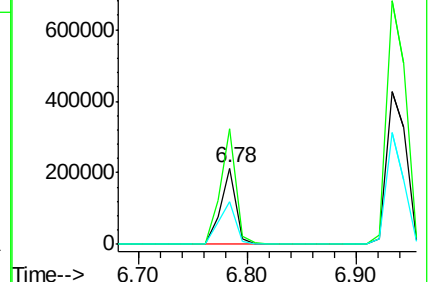
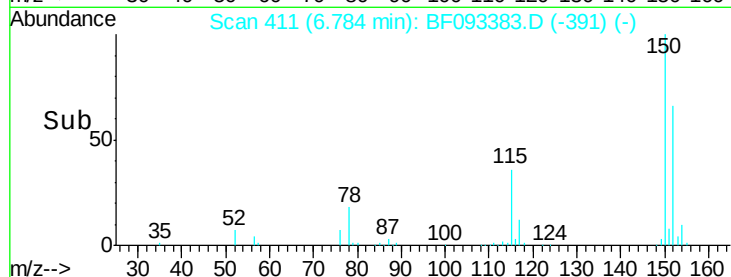
115 55.6 46.0 69.0



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: 59.72 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.07 min

Lab File: BF093383.D

Acq: 4 Mar 2017 2:29

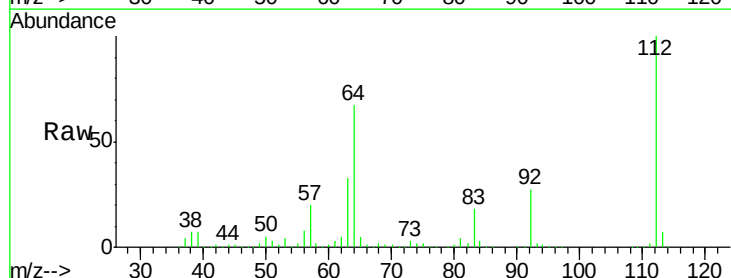
Tgt Ion:112 Resp: 739349

Ion Ratio Lower Upper

112 100

64 66.8 46.1 69.1

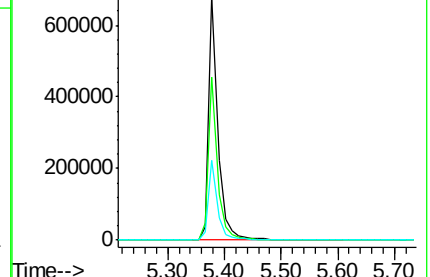
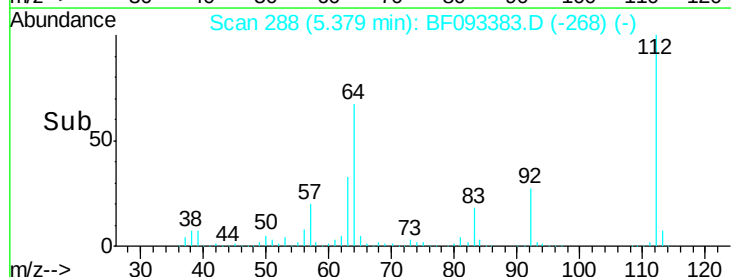
63 32.7 23.8 35.6

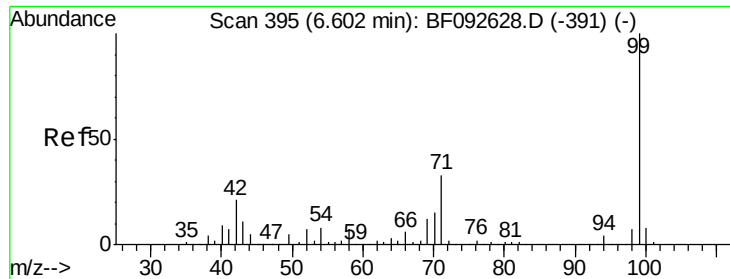


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 81.30 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF093383.D

Acq: 4 Mar 2017 2:29

Instrument :

BNA_F

ClientSampled :

C-6

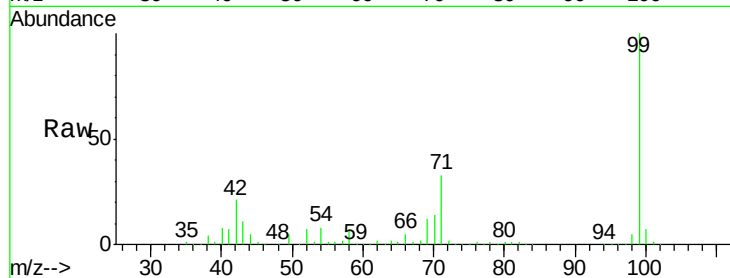
Tgt Ion: 99 Resp: 1295144

Ion Ratio Lower Upper

99 100

42 20.9 15.6 23.4

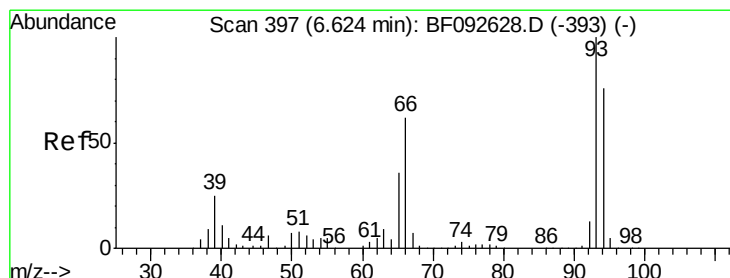
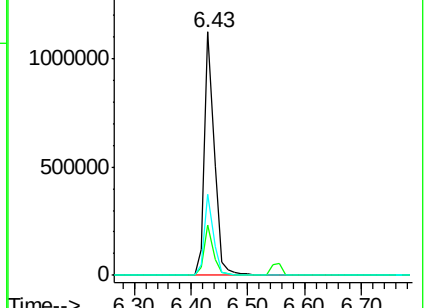
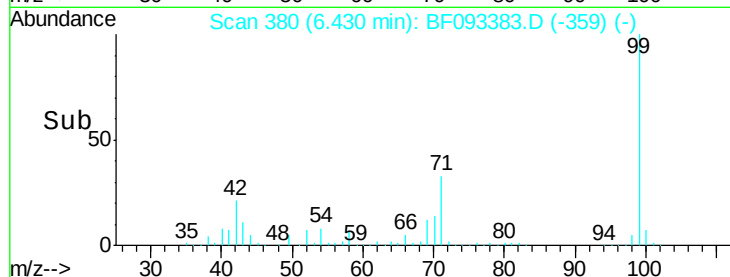
71 33.1 27.5 41.3



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



#10

Phenol

Concen: 4.40 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.07 min

Lab File: BF093383.D

Acq: 4 Mar 2017 2:29

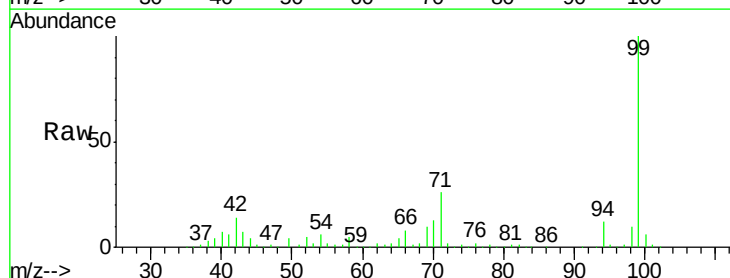
Tgt Ion: 94 Resp: 81984

Ion Ratio Lower Upper

94 100

65 36.1 21.4 61.4

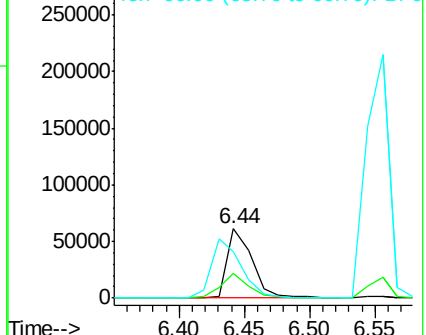
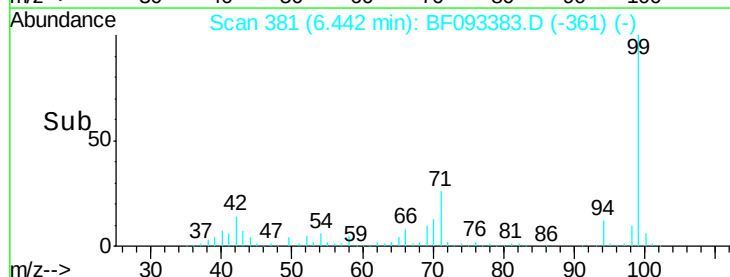
66 66.6 44.0 84.0

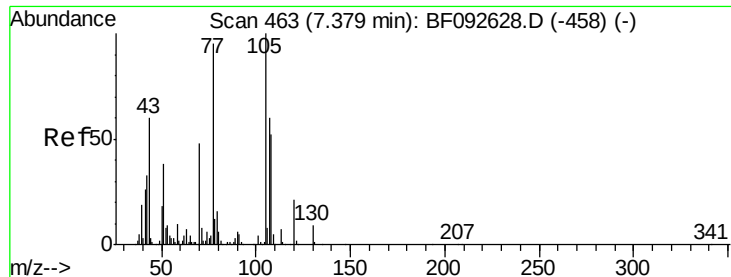


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

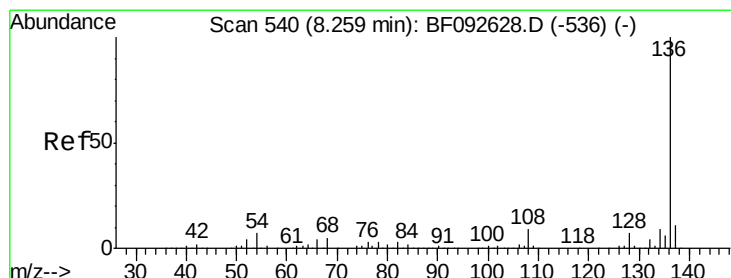
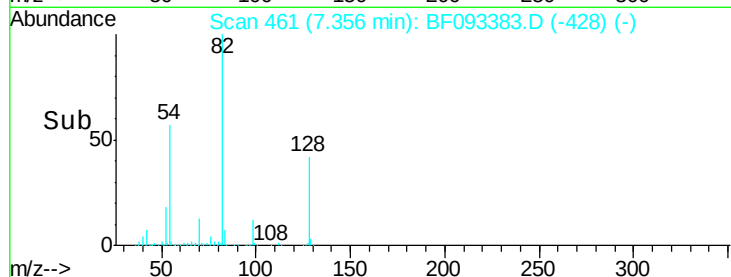
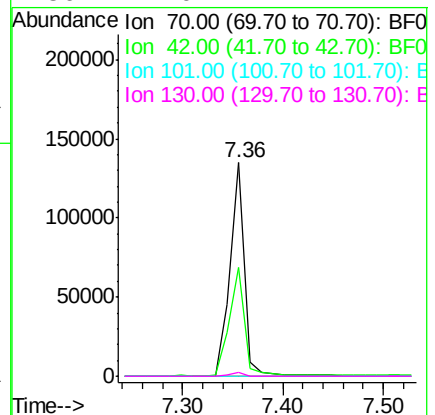
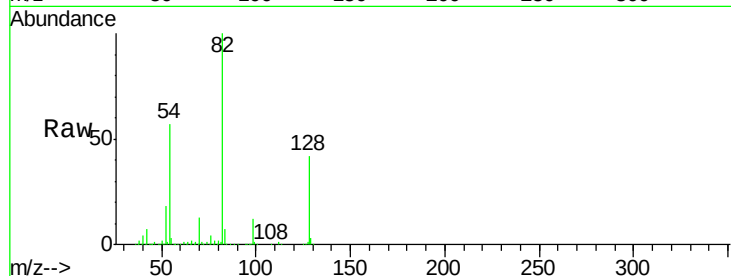




#19
 n-Nitroso-di-n-propylamine
 Concen: 13.37 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.08 min
 Lab File: BF093383.D
 Acq: 4 Mar 2017 2:29

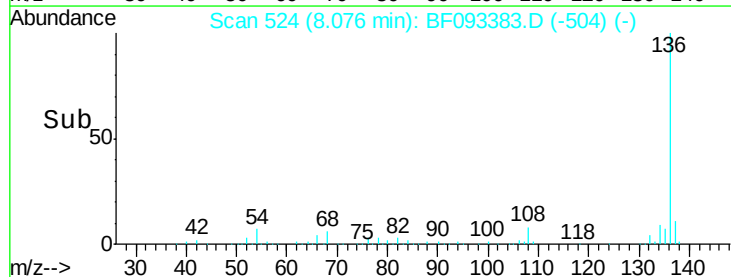
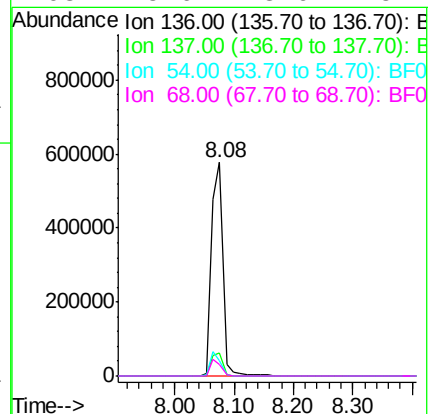
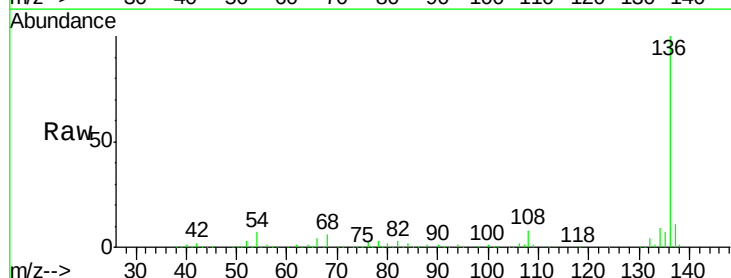
Instrument :
 BNA_F
 ClientSampleId :
 C-6

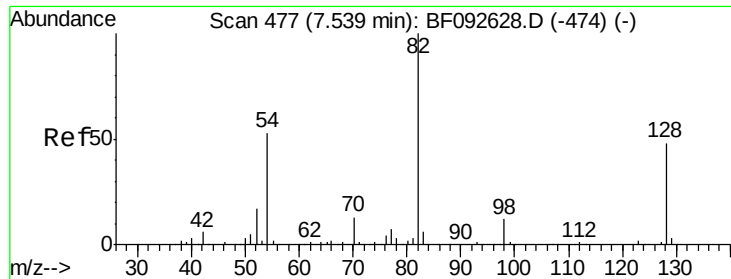
Tgt Ion: 70 Resp: 135628
 Ion Ratio Lower Upper
 70 100
 42 50.7 49.4 74.0
 101 0.0 7.4 11.2#
 130 2.0 14.2 21.4#



#21
 Naphthalene-d8
 Concen: 20.00 ng
 RT: 8.08 min Scan# 524
 Delta R.T. -0.07 min
 Lab File: BF093383.D
 Acq: 4 Mar 2017 2:29

Tgt Ion: 136 Resp: 779291
 Ion Ratio Lower Upper
 136 100
 137 10.5 8.4 12.6
 54 6.9 4.5 6.7#
 68 5.6 3.6 5.4#

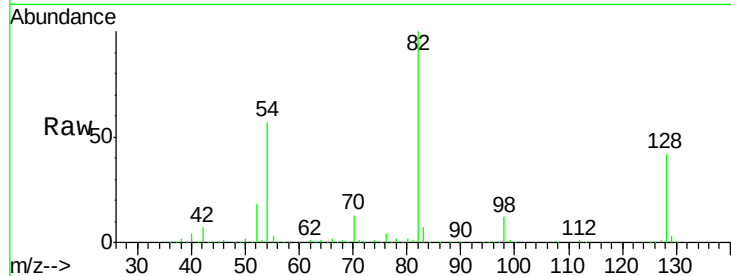




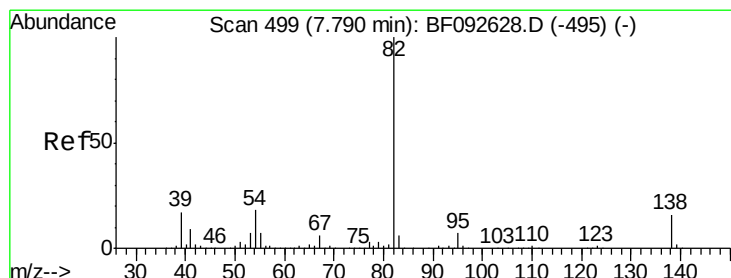
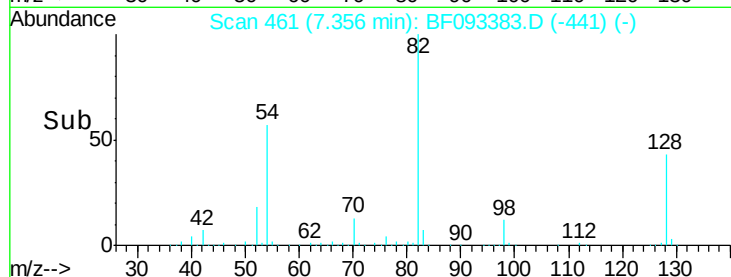
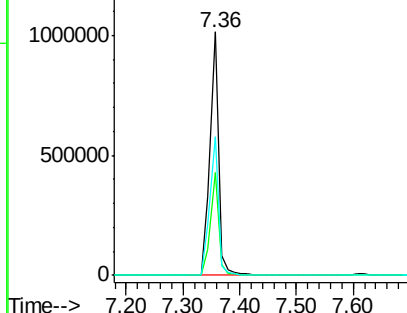
#23
 Nitrobenzene-d5
 Concen: 73.00 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.07 min
 Lab File: BF093383.D
 Acq: 4 Mar 2017 2:29

Instrument :
 BNA_F
 ClientSampleId :
 C-6

Tgt Ion: 82 Resp: 1021518
 Ion Ratio Lower Upper
 82 100
 128 42.3 34.6 52.0
 54 57.2 39.5 59.3

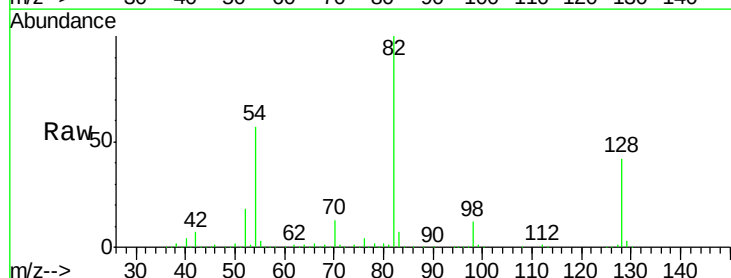


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

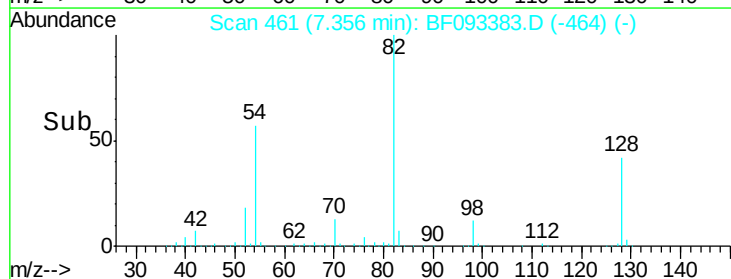
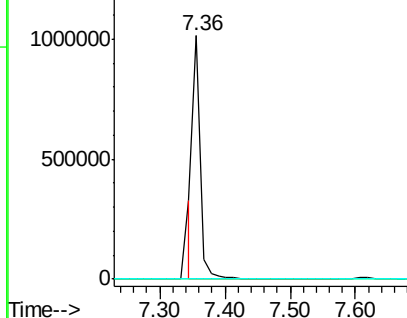


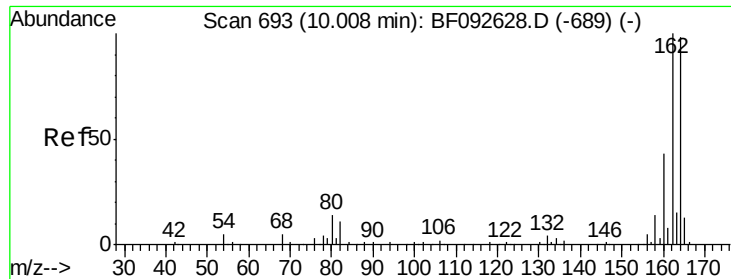
#25
 Isophorone
 Concen: 30.31 ng
 RT: 7.36 min Scan# 461
 Delta R.T. -0.33 min
 Lab File: BF093383.D
 Acq: 4 Mar 2017 2:29

Tgt Ion: 82 Resp: 790482
 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: BF093383.D

Acq: 4 Mar 2017 2:29

Instrument :

BNA_F

ClientSampleId :

C-6

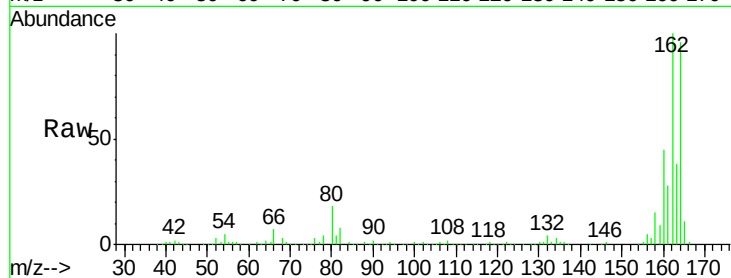
Tgt Ion:164 Resp: 346896

Ion Ratio Lower Upper

164 100

162 104.4 80.2 120.2

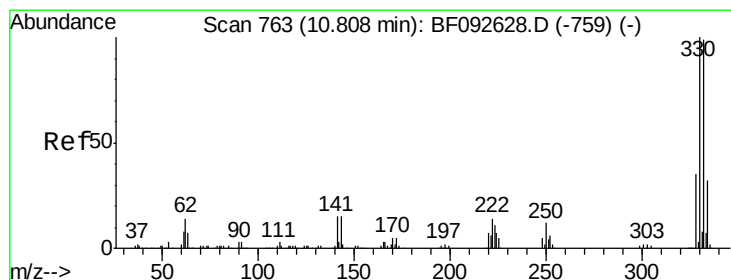
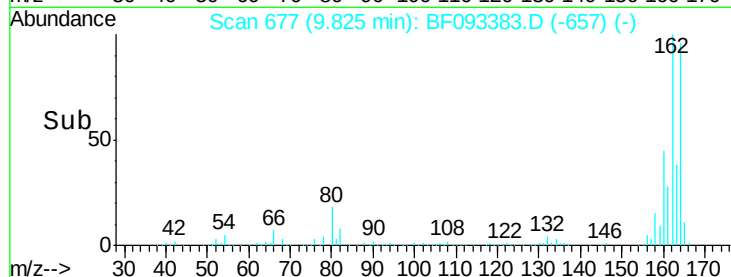
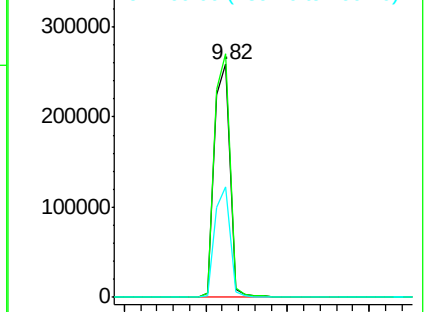
160 47.3 36.9 55.3



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: 23.36 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.07 min

Lab File: BF093383.D

Acq: 4 Mar 2017 2:29

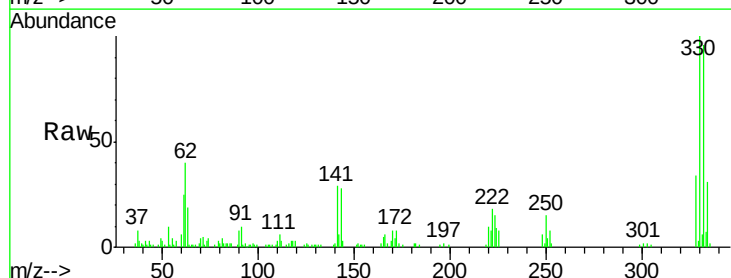
Tgt Ion:330 Resp: 58619

Ion Ratio Lower Upper

330 100

332 96.1 77.4 116.2

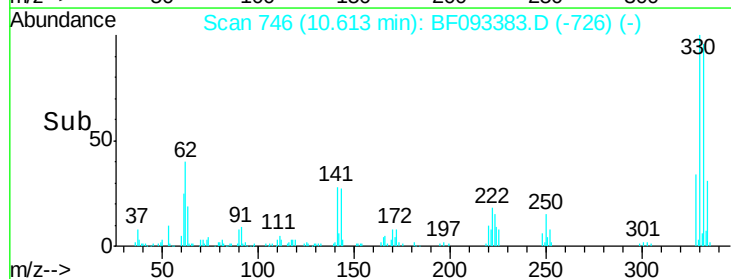
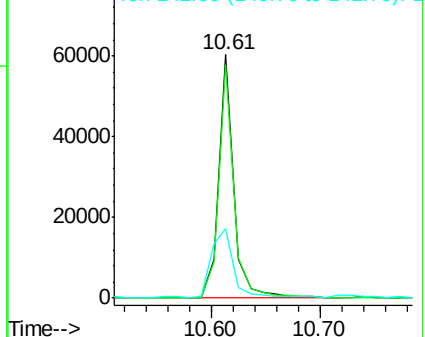
141 44.3 34.1 51.1

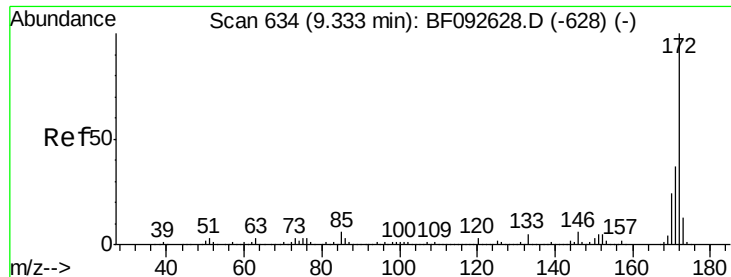


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

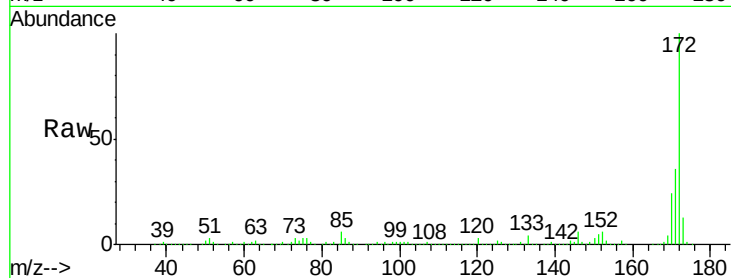




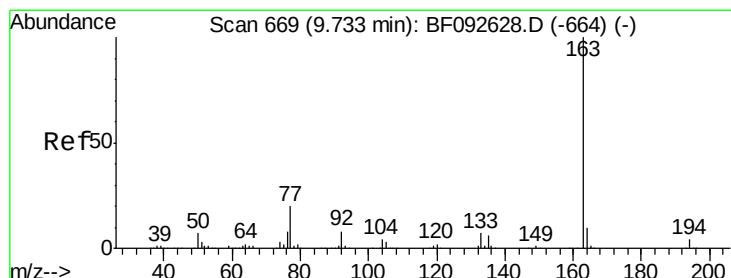
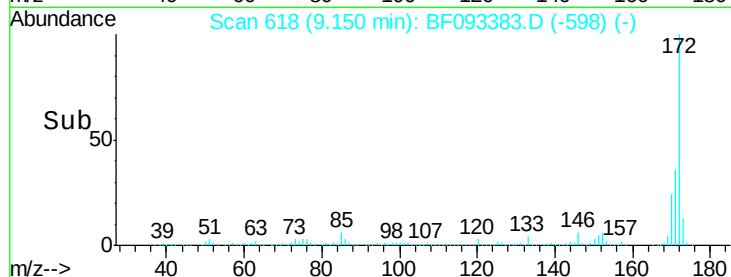
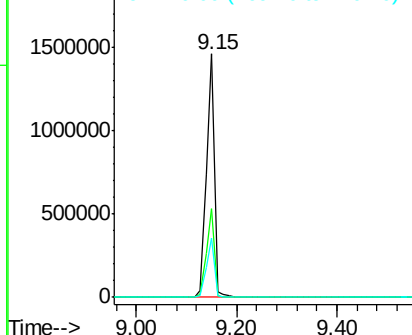
#44
2-Fluorobiphenyl
Concen: 83.34 ng
RT: 9.15 min Scan# 618
Delta R.T. -0.07 min
Lab File: BF093383.D
Acq: 4 Mar 2017 2:29

Instrument :
BNA_F
ClientSampleId :
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Tgt Ion:172 Resp: 1595764
Ion Ratio Lower Upper
172 100
171 36.3 29.4 44.0
170 24.4 20.2 30.4

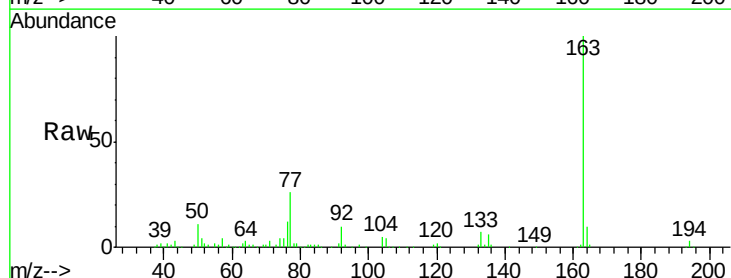


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

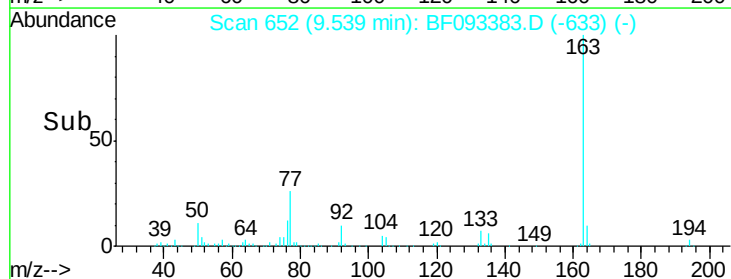
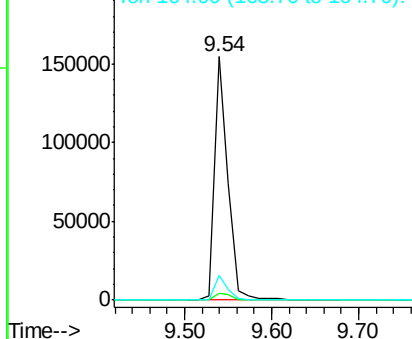


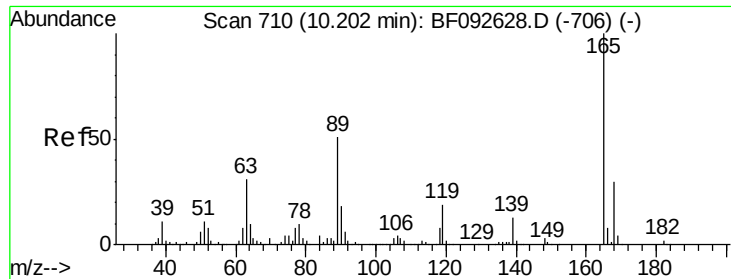
#49
Dimethylphthalate
Concen: 7.20 ng
RT: 9.54 min Scan# 652
Delta R.T. -0.08 min
Lab File: BF093383.D
Acq: 4 Mar 2017 2:29

Tgt Ion:163 Resp: 168323
Ion Ratio Lower Upper
163 100
194 2.9 3.0 4.4#
164 10.0 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

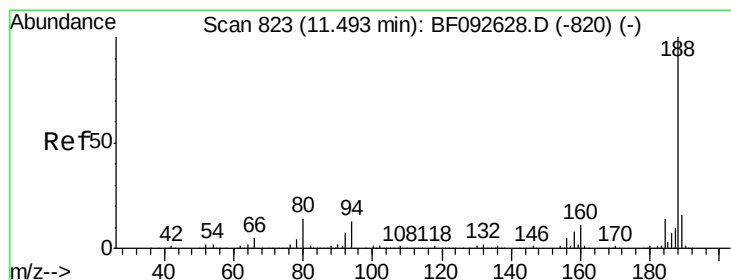
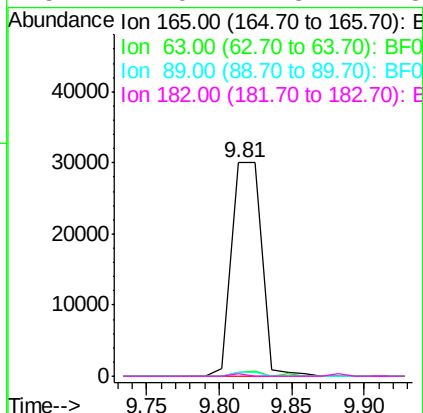
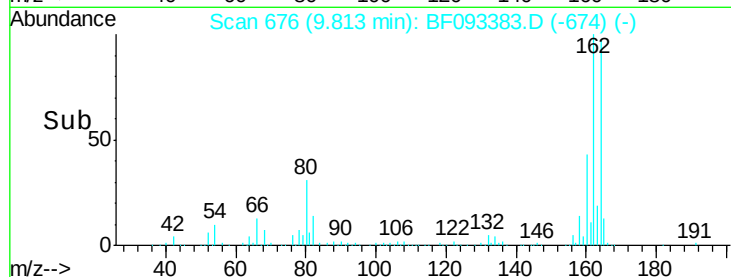
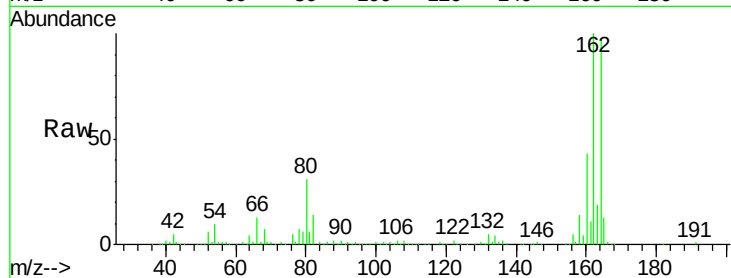




#56
 2,4-Dinitrotoluene
 Concen: 6.43 ng
 RT: 9.81 min Scan# 676
 Delta R.T. -0.27 min
 Lab File: BF093383.D
 Acq: 4 Mar 2017 2:29

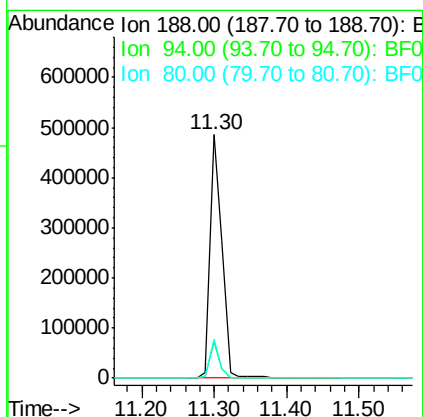
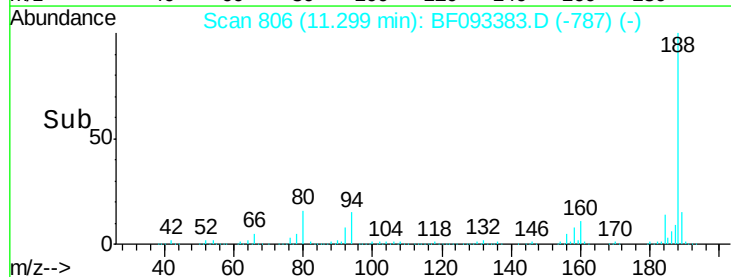
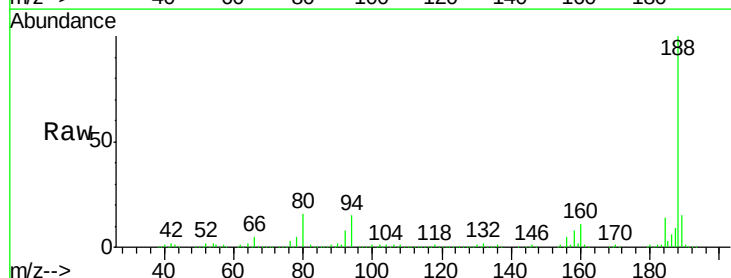
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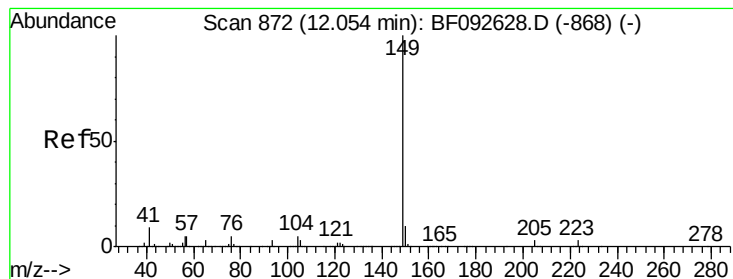
Tgt Ion:	165	Resp:	43212
Ion	Ratio	Lower	Upper
165	100		
63	2.0	40.2	60.4#
89	1.9	62.5	93.7#
182	1.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.30 min Scan# 806
 Delta R.T. -0.08 min
 Lab File: BF093383.D
 Acq: 4 Mar 2017 2:29

Tgt Ion:	188	Resp:	548721
Ion	Ratio	Lower	Upper
188	100		
94	14.8	10.0	15.0
80	15.9	11.2	16.8





#73

Di-n-butylphthalate

Concen: 8.55 ng

RT: 11.86 min Scan# 855

Delta R.T. -0.08 min

Lab File: BF093383.D

Acq: 4 Mar 2017 2:29

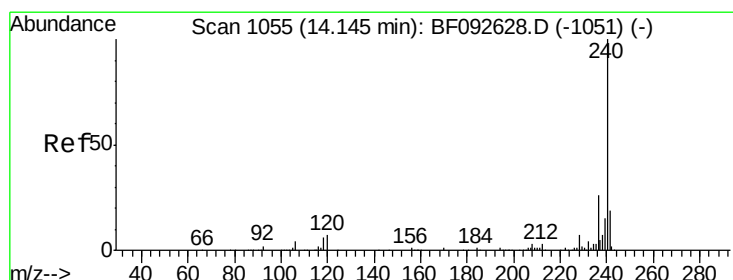
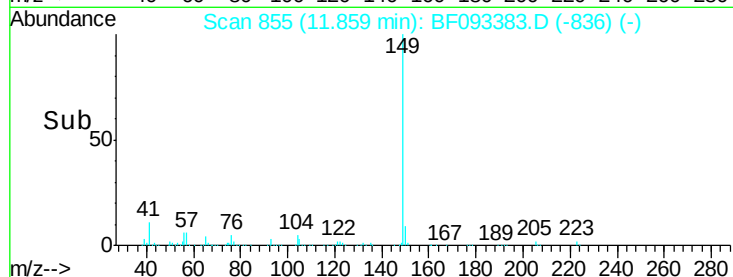
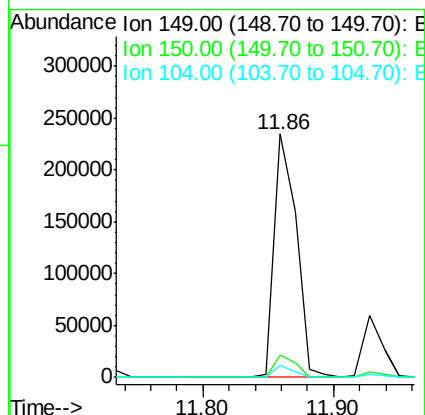
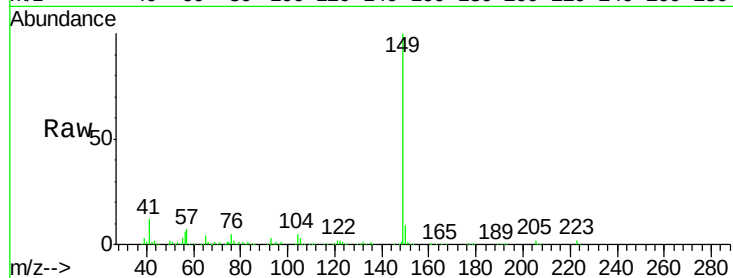
Instrument :

BNA_F

ClientSampleId :

C-6

Tgt Ion:	149	Resp:	279129
Ion	Ratio	Lower	Upper
149	100		
150	9.1	8.1	12.1
104	4.9	4.6	7.0



#75

Chrysene-d12

Concen: 20.00 ng

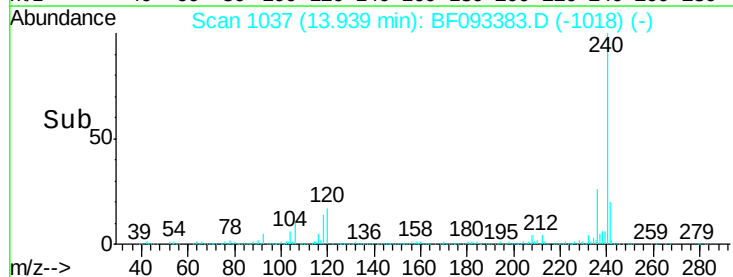
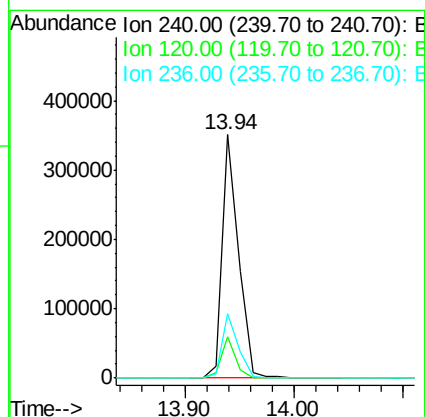
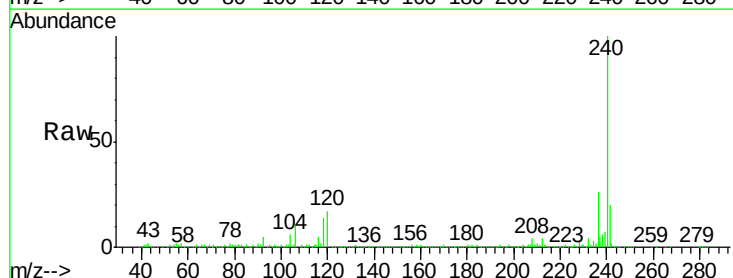
RT: 13.94 min Scan# 1037

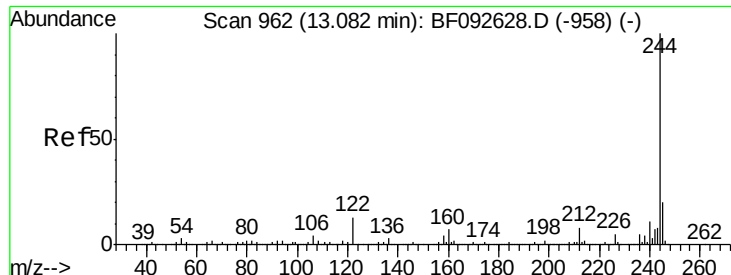
Delta R.T. -0.08 min

Lab File: BF093383.D

Acq: 4 Mar 2017 2:29

Tgt Ion:	240	Resp:	369512
Ion	Ratio	Lower	Upper
240	100		
120	16.8	12.9	19.3
236	26.4	20.9	31.3

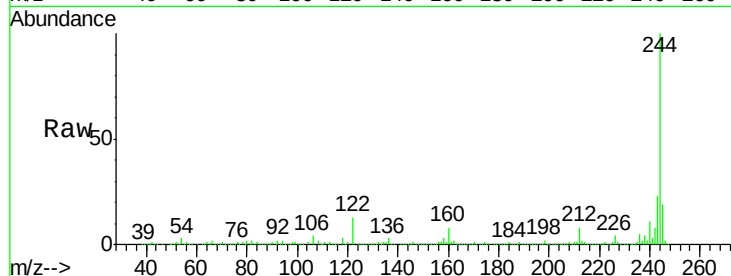




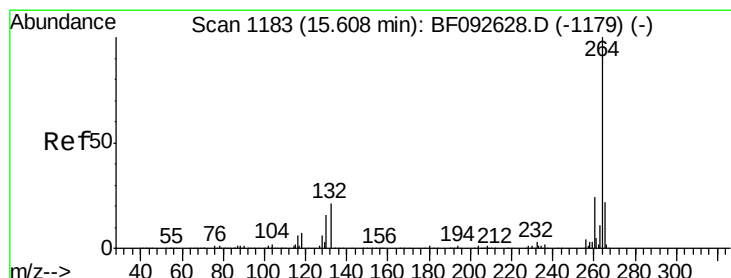
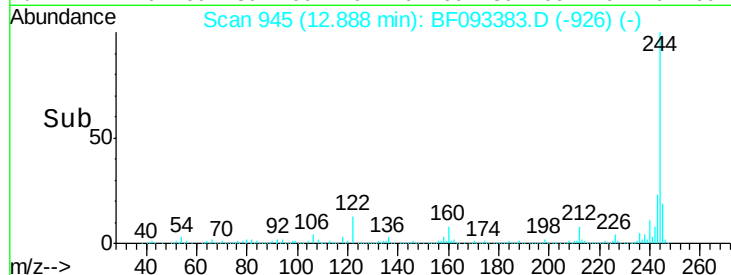
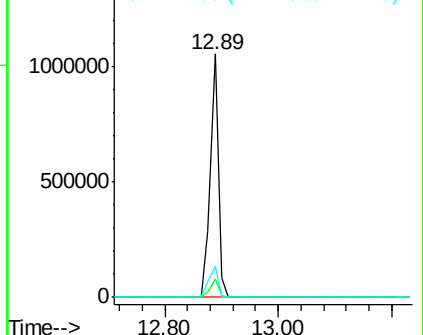
#78
 Terphenyl-d14
 Concen: 63.13 ng
 RT: 12.89 min Scan# 945
 Delta R.T. -0.08 min
 Lab File: BF093383.D
 Acq: 4 Mar 2017 2:29

Instrument :
 BNA_F
 ClientSampleId :
 C-6

Tgt Ion:244 Resp: 992761
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 12.6 11.4 17.2

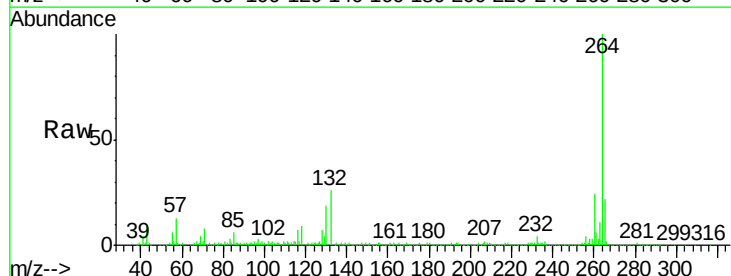


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.36 min Scan# 1161
 Delta R.T. -0.09 min
 Lab File: BF093383.D
 Acq: 4 Mar 2017 2:29

Tgt Ion:264 Resp: 333601
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.0 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

