

Data Path : Z:\HPCHEM1\BNA F\Data\BF031117\
 Data File : BF093589.D
 Acq On : 12 Mar 2017 4:26
 Operator : SJ/MA
 Sample : I2198-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PW-02

Quant Time: Mar 13 18:01:37 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Mar 13 15:05:08 2017
 Response via : Initial Calibration

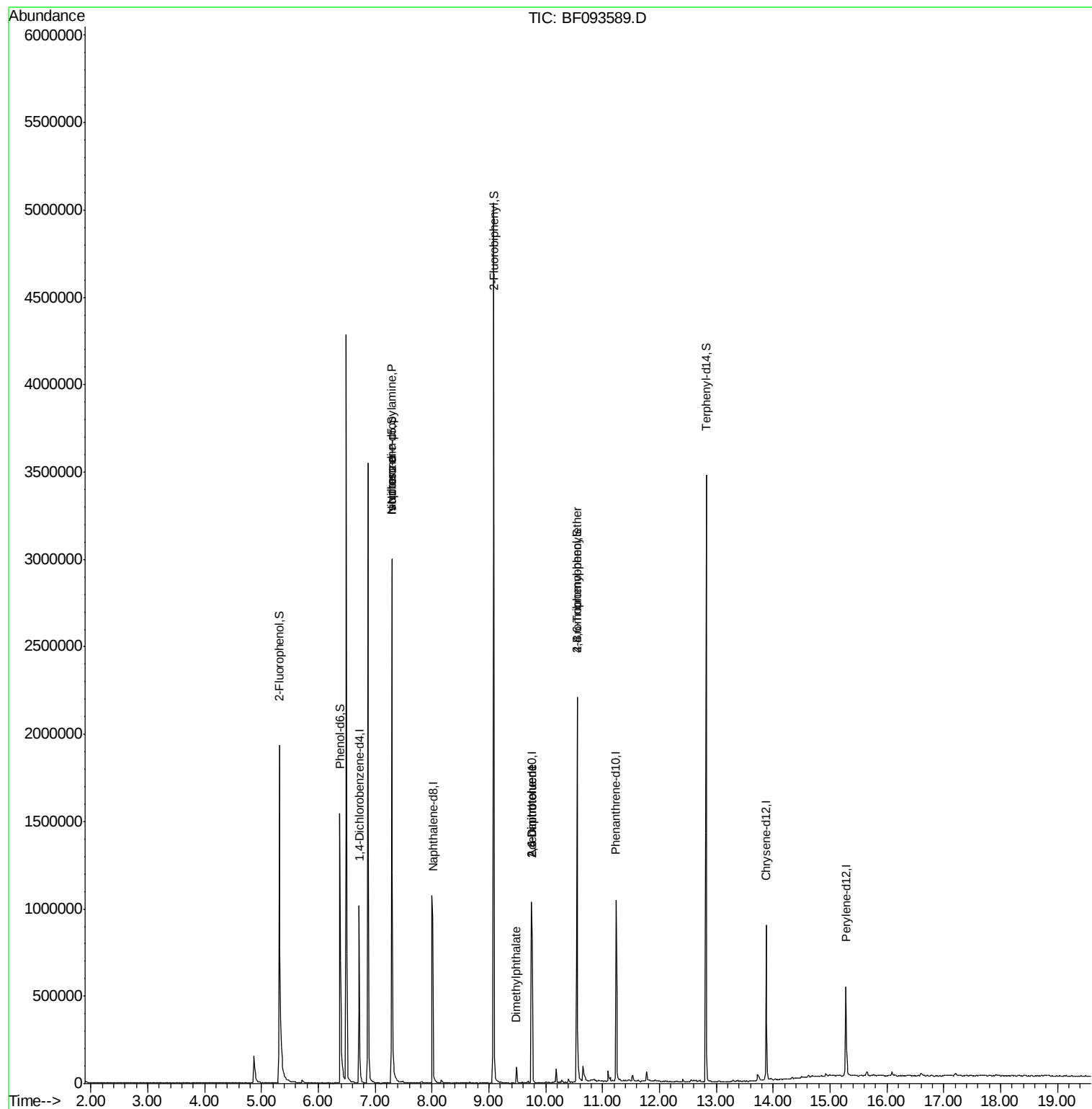
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.72	152	182945	20.00	ng	0.00
21) Naphthalene-d8	8.01	136	727323	20.00	ng	0.00
38) Acenaphthene-d10	9.75	164	288516	20.00	ng	-0.01
63) Phenanthrene-d10	11.24	188	437888	20.00	ng	-0.01
75) Chrysene-d12	13.88	240	336195	20.00	ng	-0.01
86) Perylene-d12	15.28	264	294245	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.32	112	769825	70.03	ng	0.00
7) Phenol-d6	6.38	99	731812	52.79	ng	0.00
23) Nitrobenzene-d5	7.29	82	1136172	86.67	ng	-0.01
41) 2,4,6-Tribromophenol	10.55	330	266483	141.77	ng	0.00
44) 2-Fluorobiphenyl	9.09	172	1942049	125.20	ng	0.00
78) Terphenyl-d14	12.82	244	1147091	88.71	ng	0.00
Target Compounds						
9) Benzaldehyde	6.38	77	1529	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.29	70	149567	15.69	ng	# 83
25) Isophorone	7.29	82	1090828	41.27	ng	# 65
49) Dimethylphthalate	9.49	163	43584	2.28	ng	100
50) 2,6-Dinitrotoluene	9.75	165	36411	8.68	ng	# 31
56) 2,4-Dinitrotoluene	9.75	165	36412	7.06	ng	# 20
66) 4-Bromophenyl-phenylether	10.55	248	19172	4.14	ng	# 1

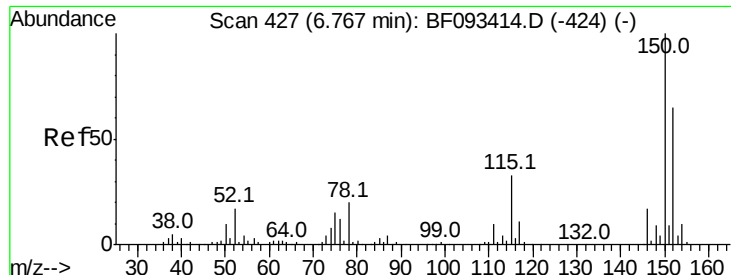
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.72 min Scan# 423

Delta R.T. -0.00 min

Lab File: BF093589.D

Acq: 12 Mar 2017 4:26

Instrument :

BNA_F

ClientSampleId :

PW-02

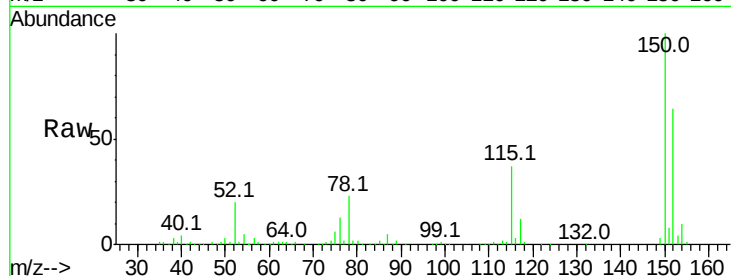
Tot Ion:152 Resp: 182945

Ion Ratio Lower Upper

152 100

150 155.2 124.9 187.3

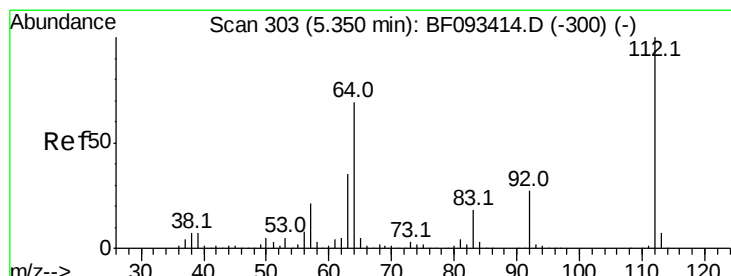
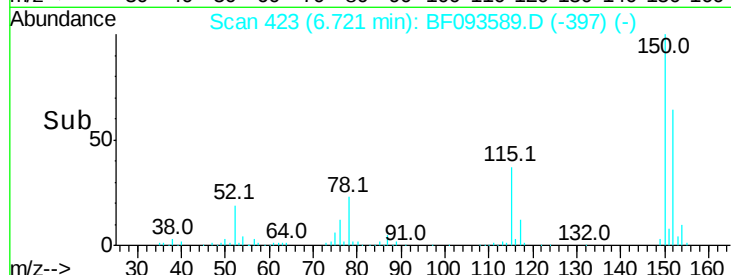
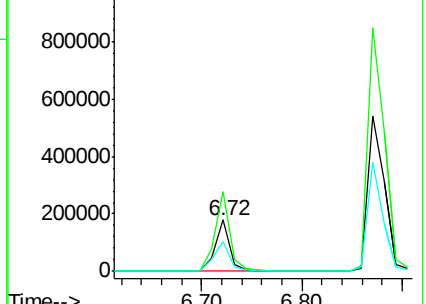
115 57.1 46.0 69.0



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: 70.03 ng

RT: 5.32 min Scan# 300

Delta R.T. -0.00 min

Lab File: BF093589.D

Acq: 12 Mar 2017 4:26

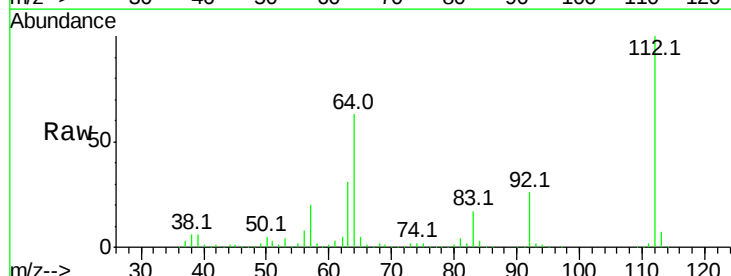
Tgt Ion:112 Resp: 769825

Ion Ratio Lower Upper

112 100

64 63.4 46.1 69.1

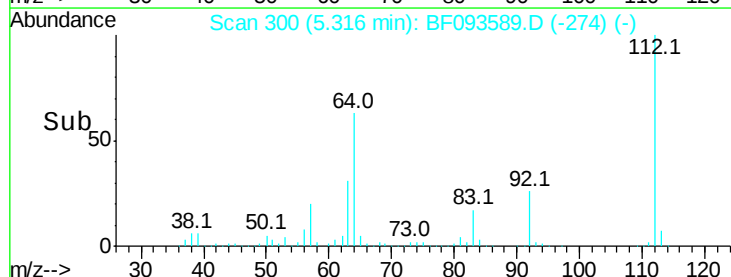
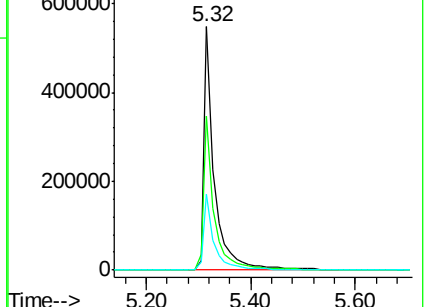
63 31.4 23.8 35.6

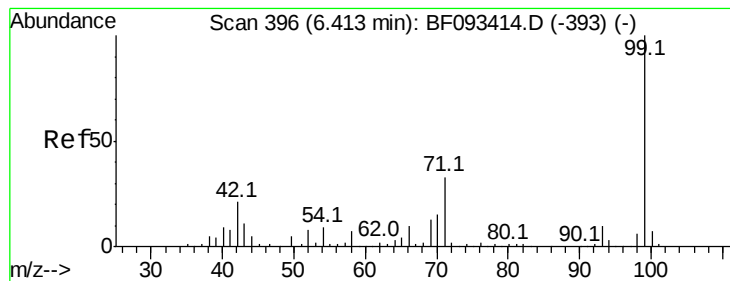


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 52.79 ng

RT: 6.38 min Scan# 393

Delta R.T. -0.00 min

Lab File: BF093589.D

Acq: 12 Mar 2017 4:26

Instrument :

BNA_F

ClientSampleId :

PW-02

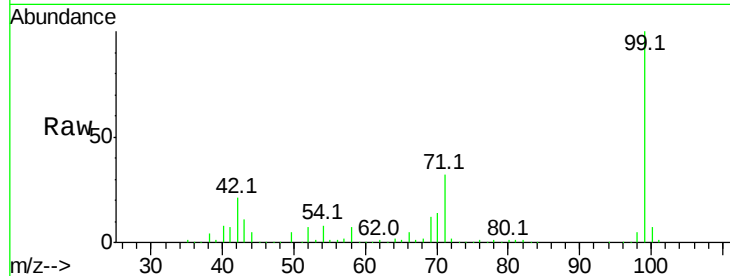
Tot Ion: 99 Resp: 731812

Ion Ratio Lower Upper

99 100

42 20.6 15.6 23.4

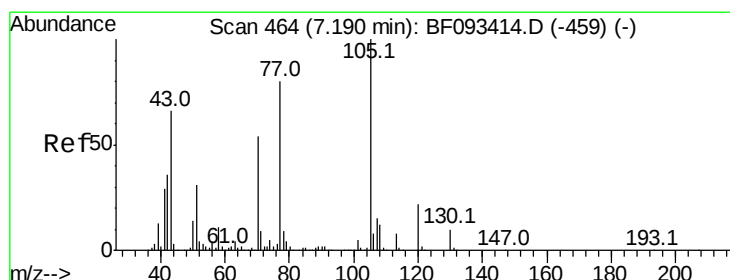
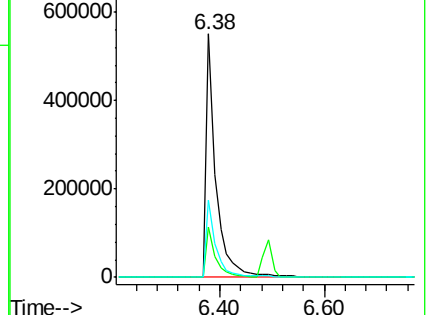
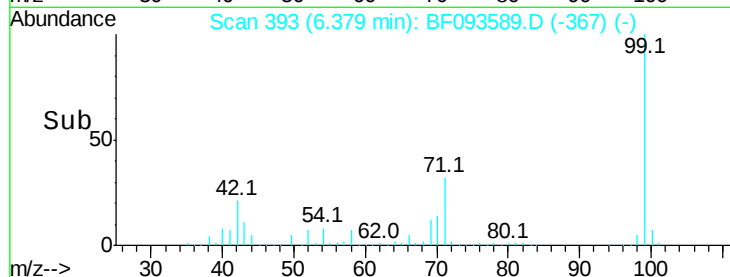
71 31.8 27.5 41.3



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: 15.69 ng

RT: 7.29 min Scan# 473

Delta R.T. 0.15 min

Lab File: BF093589.D

Acq: 12 Mar 2017 4:26

Tgt Ion: 70 Resp: 149567

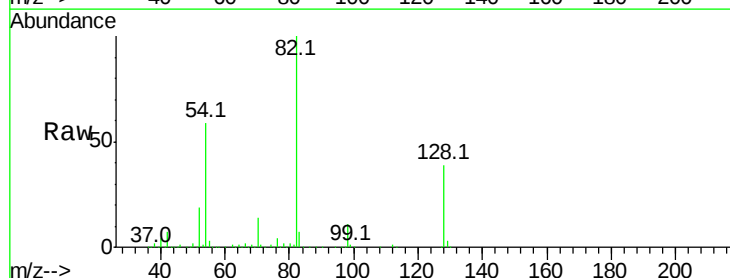
Ion Ratio Lower Upper

70 100

42 53.8 49.4 74.0

101 0.0 7.4 11.2#

130 2.2 14.2 21.4#

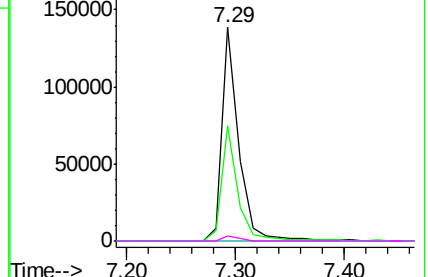
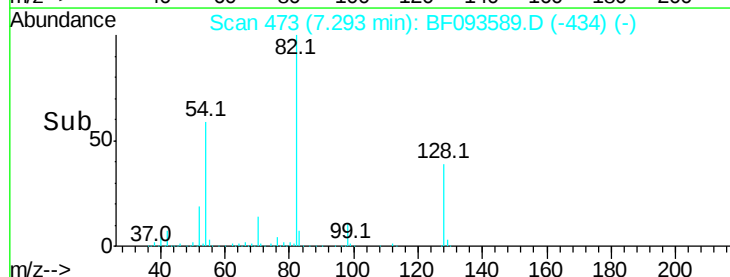


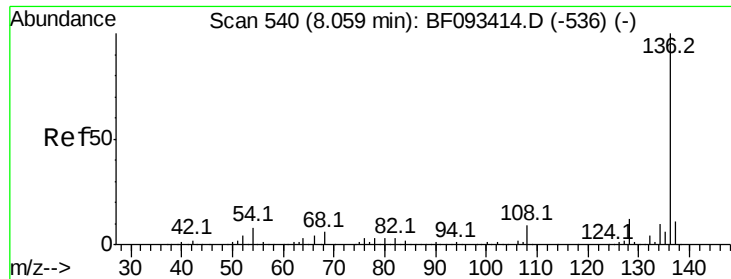
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

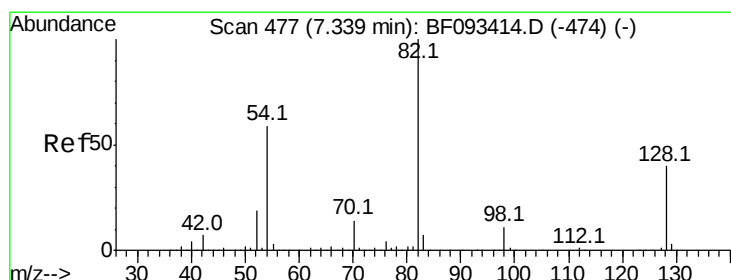
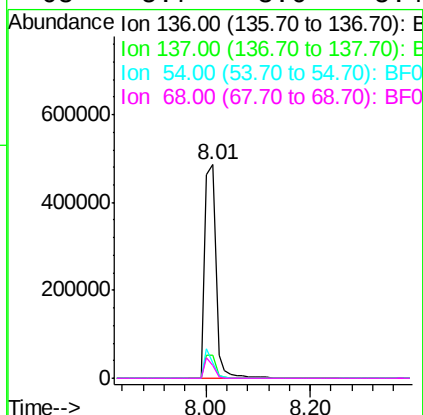
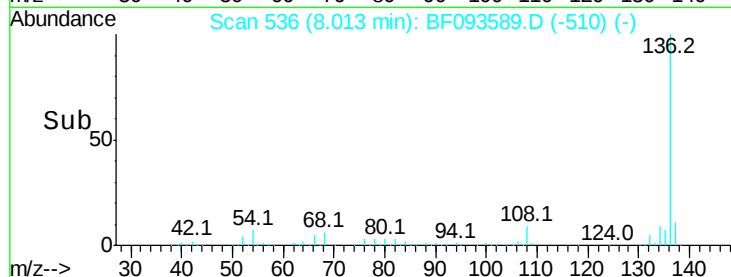
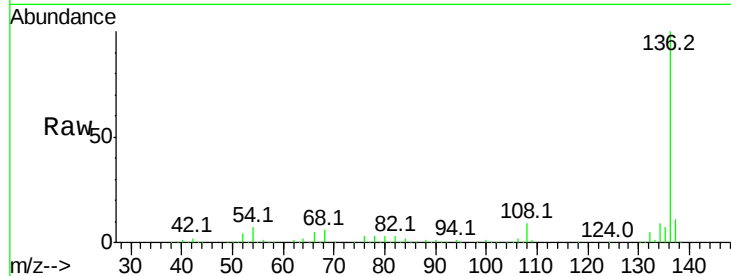




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.01 min Scan# 536
Delta R.T. -0.00 min
Lab File: BF093589.D
Acq: 12 Mar 2017 4:26

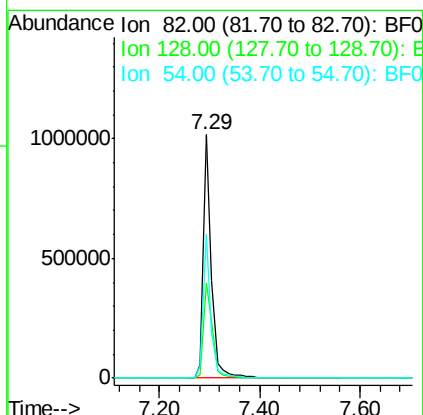
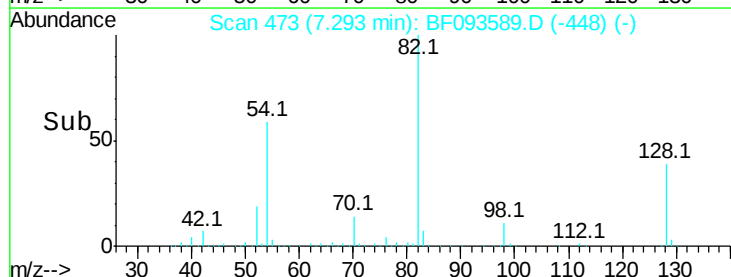
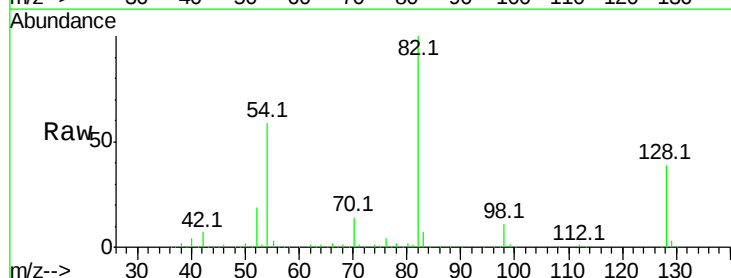
Instrument :
BNA_F
ClientSampleId :
PW-02

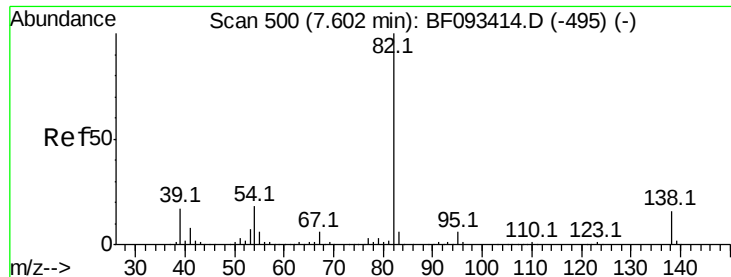
Tot Ion:	136	Resp:	727323
Ion	Ratio	Lower	Upper
136	100		
137	10.7	8.4	12.6
54	7.4	4.5	6.7#
68	5.7	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 86.67 ng
RT: 7.29 min Scan# 473
Delta R.T. -0.01 min
Lab File: BF093589.D
Acq: 12 Mar 2017 4:26

Tgt Ion:	82	Resp:	1136172
Ion	Ratio	Lower	Upper
82	100		
128	39.2	34.6	52.0
54	58.9	39.5	59.3





#25

Isophorone

Concen: 41.27 ng

RT: 7.29 min Scan# 473

Delta R.T. -0.26 min

Lab File: BF093589.D

Acq: 12 Mar 2017 4:26

Instrument :

BNA_F

ClientSampleId :

PW-02

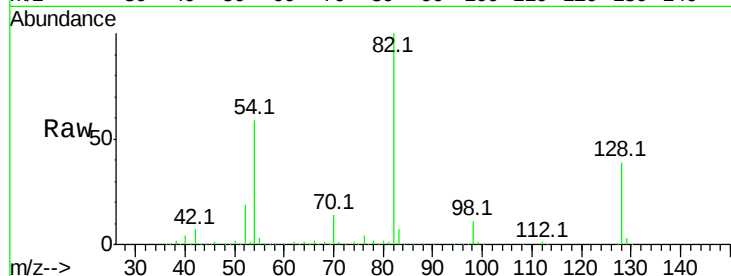
Tot Ion: 82 Resp: 1090828

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

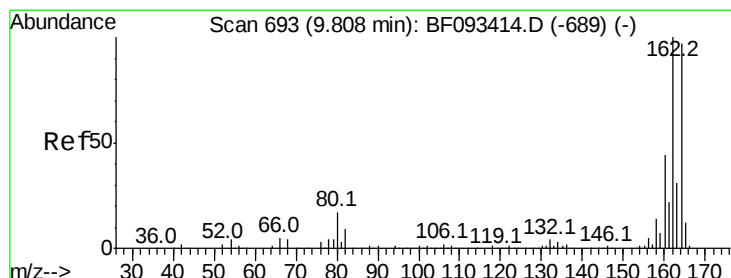
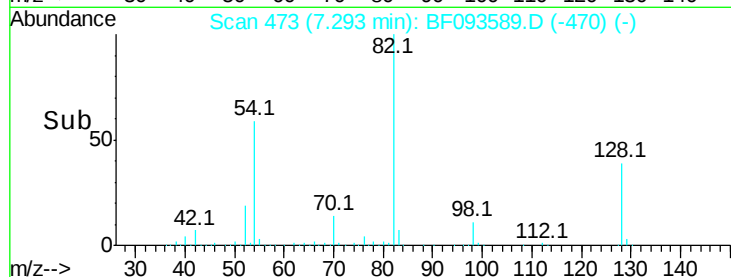
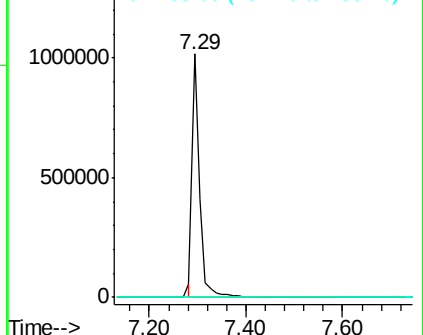
138 0.0 14.6 22.0#



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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.75 min Scan# 688

Delta R.T. -0.01 min

Lab File: BF093589.D

Acq: 12 Mar 2017 4:26

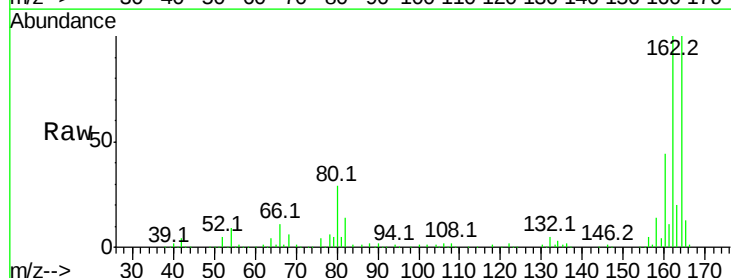
Tgt Ion:164 Resp: 288516

Ion Ratio Lower Upper

164 100

162 100.2 80.2 120.2

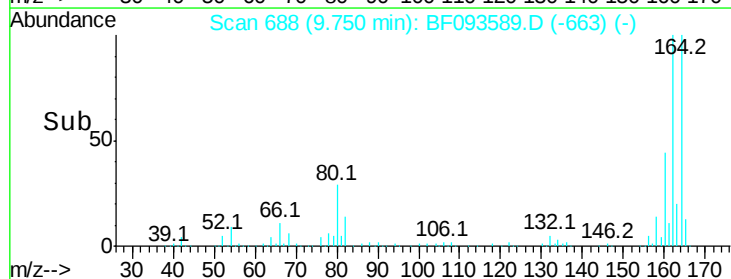
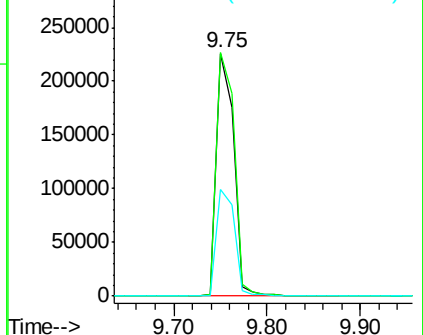
160 44.1 36.9 55.3

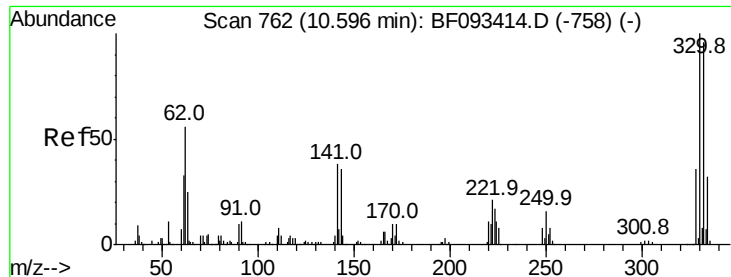


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

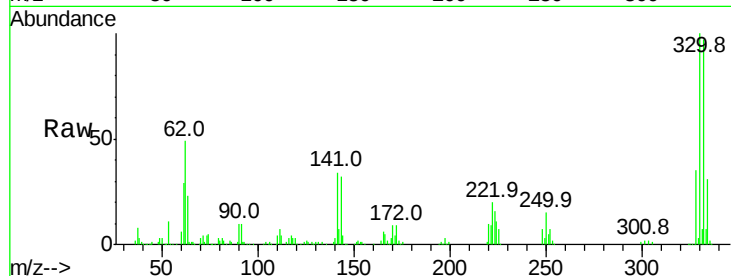




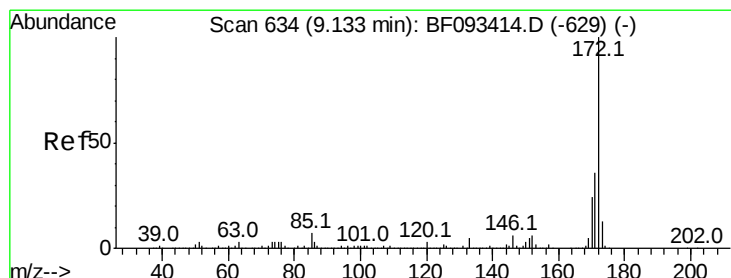
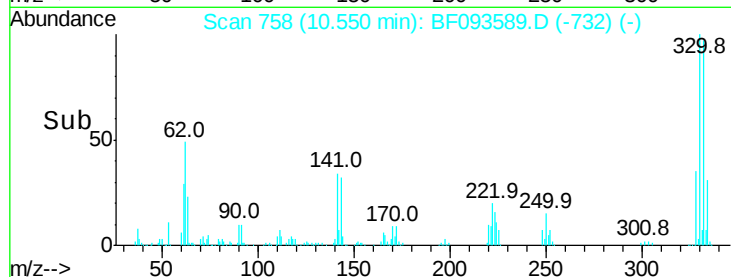
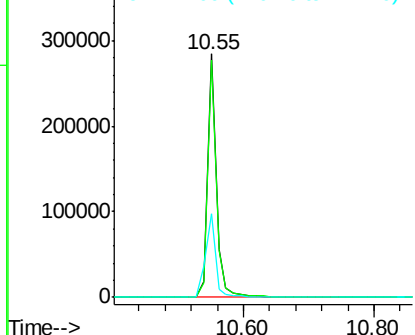
#41
 2,4,6-Tribromophenol
 Concen: 141.77 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.00 min
 Lab File: BF093589.D
 Acq: 12 Mar 2017 4:26

Instrument :
 BNA_F
 ClientSampleId :
 PW-02

Tot Ion:330 Resp: 266483
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 39.4 34.1 51.1

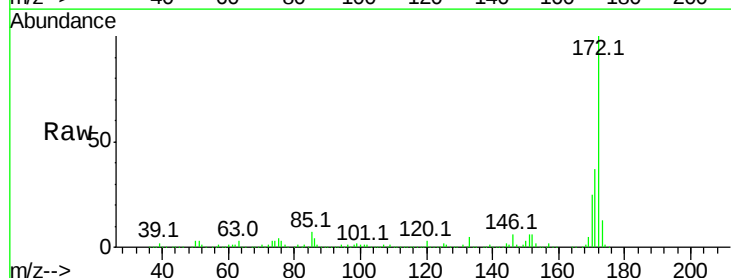


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

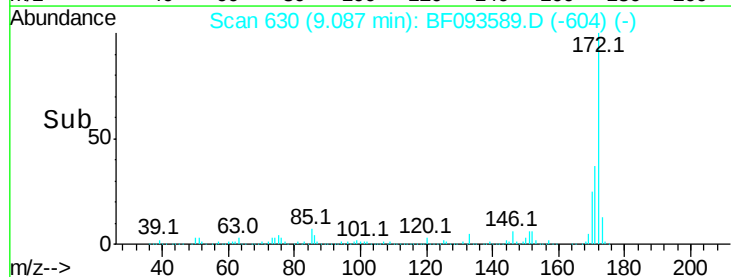
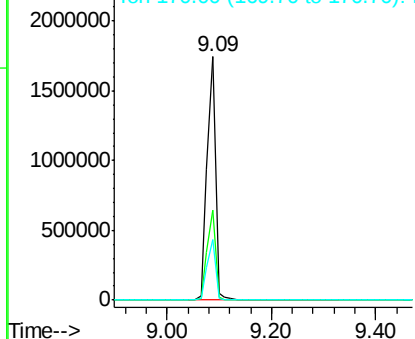


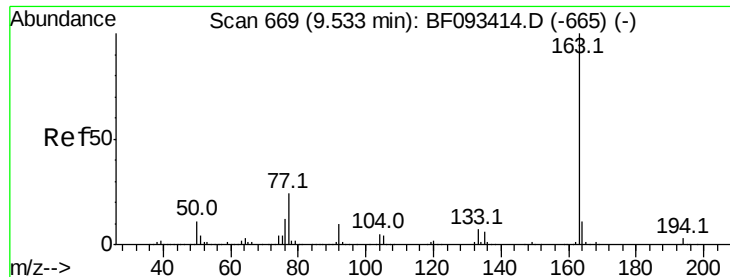
#44
 2-Fluorobiphenyl
 Concen: 125.20 ng
 RT: 9.09 min Scan# 630
 Delta R.T. -0.00 min
 Lab File: BF093589.D
 Acq: 12 Mar 2017 4:26

Tgt Ion:172 Resp: 1942049
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 25.0 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

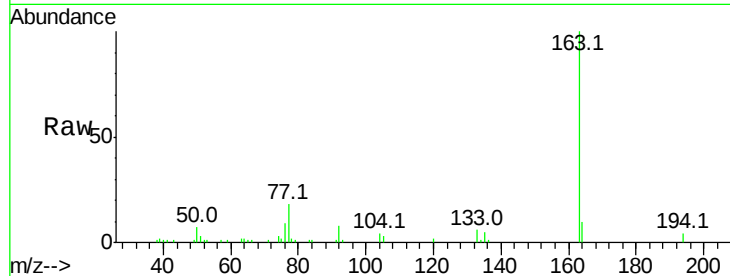




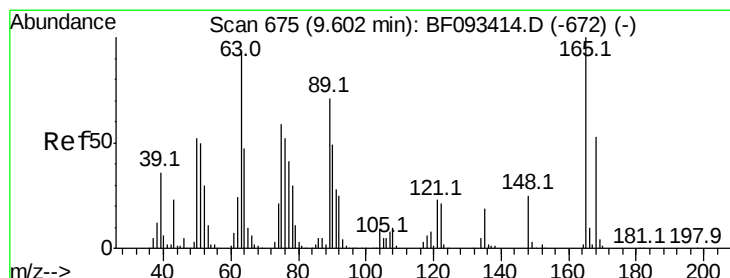
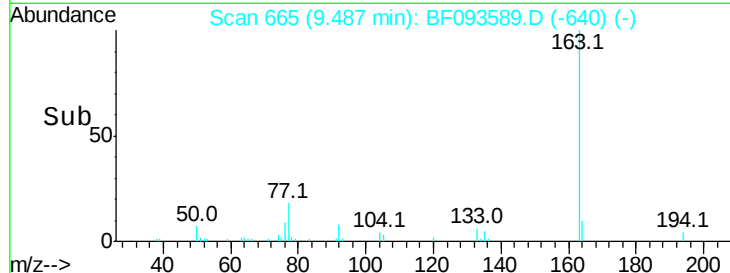
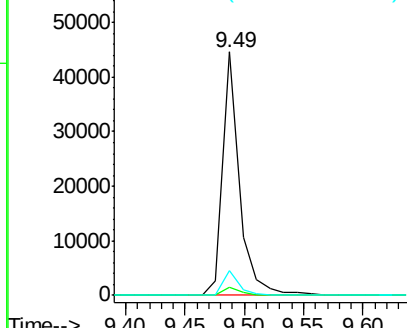
#49
Dimethylphthalate
Concen: 2.28 ng
RT: 9.49 min Scan# 665
Delta R.T. -0.01 min
Lab File: BF093589.D
Acq: 12 Mar 2017 4:26

Instrument :
BNA_F
ClientSampleId :
PW-02

Tot Ion:163 Resp: 43584
Ion Ratio Lower Upper
163 100
194 3.6 3.0 4.4
164 10.1 8.0 12.0

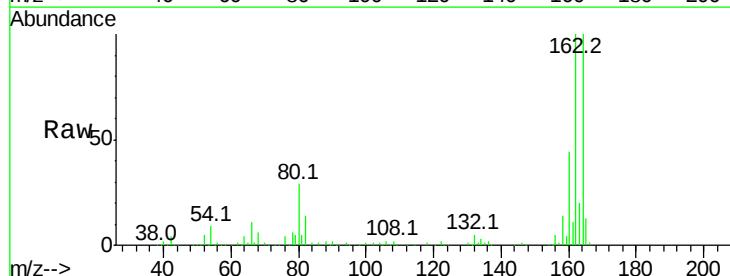


Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E

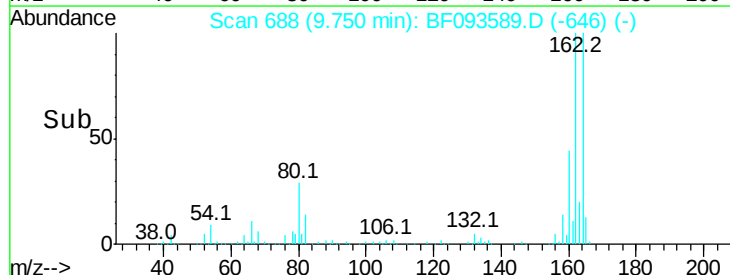
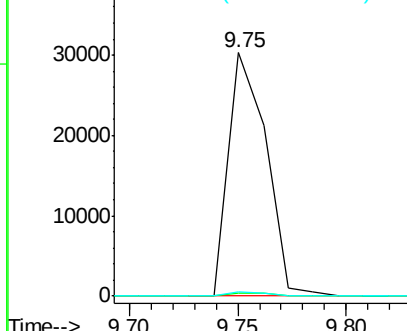


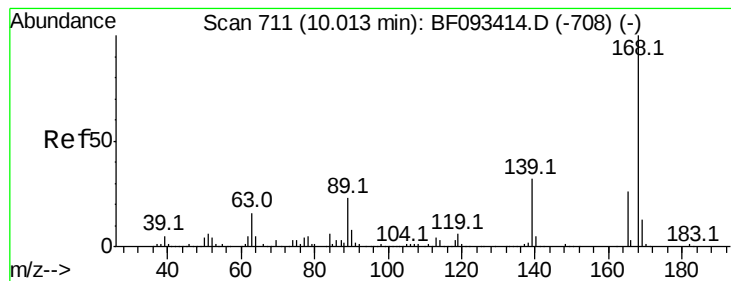
#50
2,6-Dinitrotoluene
Concen: 8.68 ng
RT: 9.75 min Scan# 688
Delta R.T. 0.18 min
Lab File: BF093589.D
Acq: 12 Mar 2017 4:26

Tgt Ion:165 Resp: 36411
Ion Ratio Lower Upper
165 100
63 1.5 36.2 54.4#
89 1.5 40.2 60.4#



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

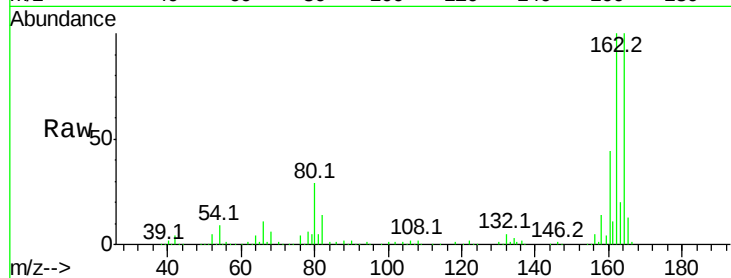




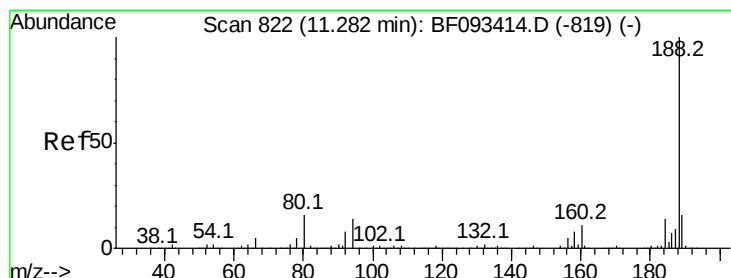
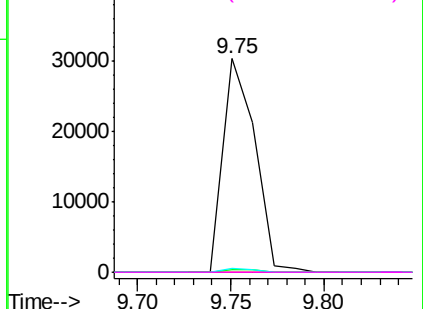
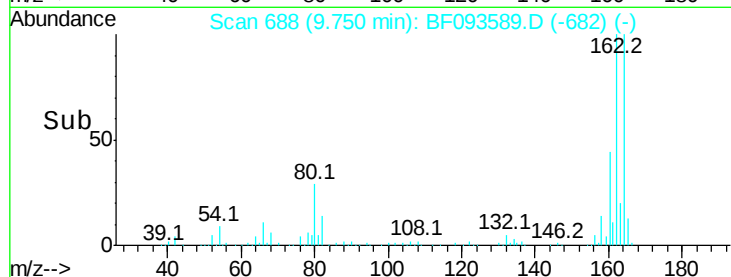
#56
 2,4-Dinitrotoluene
 Concen: 7.06 ng
 RT: 9.75 min Scan# 688
 Delta R.T. -0.23 min
 Lab File: BF093589.D
 Acq: 12 Mar 2017 4:26

Instrument :
 BNA_F
 ClientSampleId :
 PW-02

Tot Ion:165 Resp: 36412
 Ion Ratio Lower Upper
 165 100
 63 1.5 40.2 60.4#
 89 1.5 62.5 93.7#
 182 0.0 1.8 2.8#

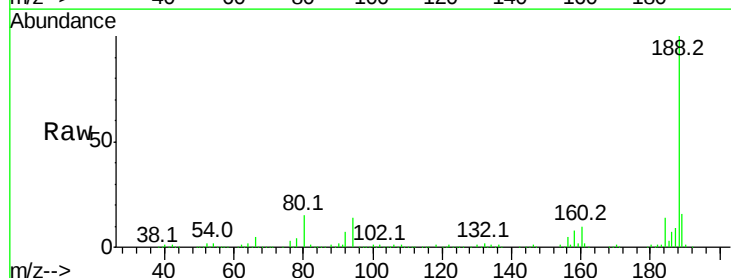


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

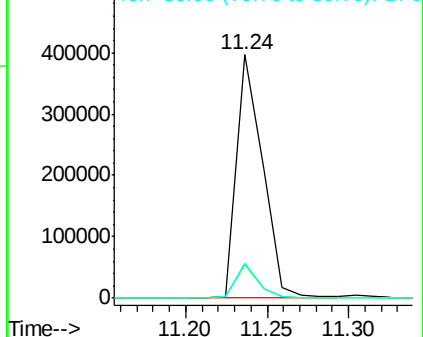
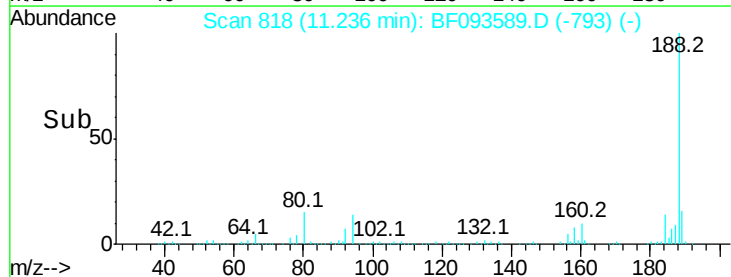


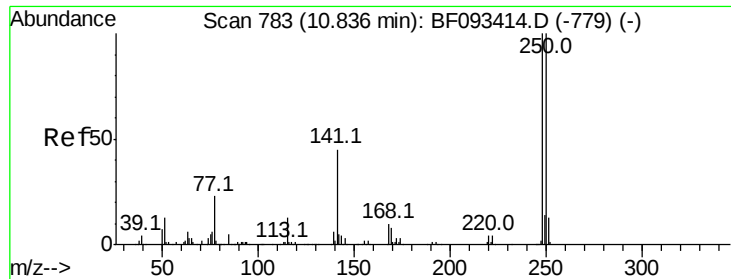
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.24 min Scan# 818
 Delta R.T. -0.01 min
 Lab File: BF093589.D
 Acq: 12 Mar 2017 4:26

Tgt Ion:188 Resp: 437888
 Ion Ratio Lower Upper
 188 100
 94 13.9 10.0 15.0
 80 14.6 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

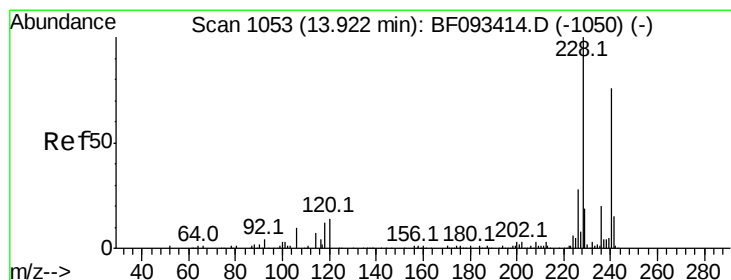
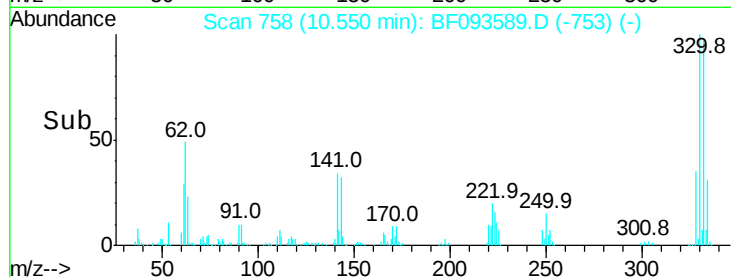
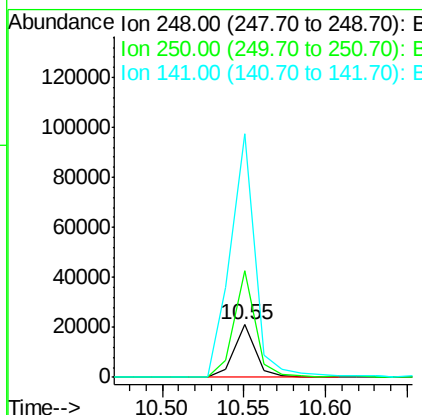
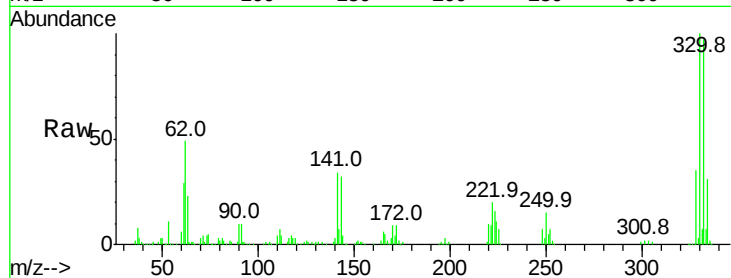




#66
 4-Bromophenyl-phenylether
 Concen: 4.14 ng
 RT: 10.55 min Scan# 758
 Delta R.T. -0.24 min
 Lab File: BF093589.D
 Acq: 12 Mar 2017 4:26

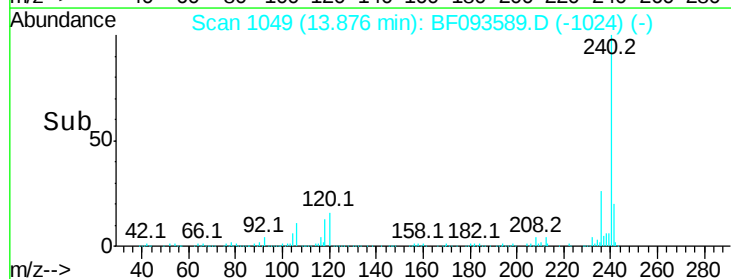
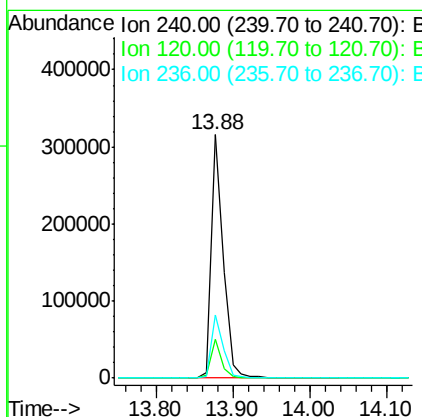
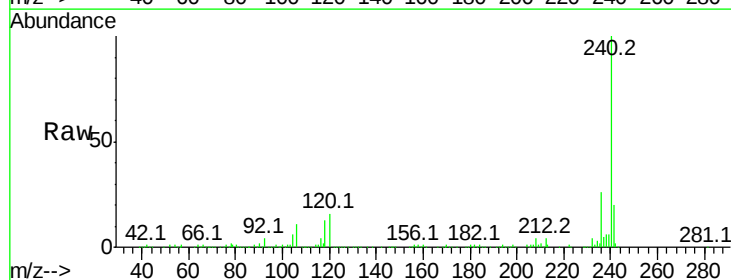
Instrument :
 BNA_F
 ClientSampleId :
 PW-02

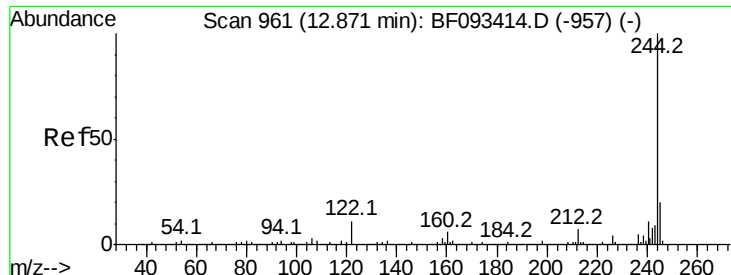
Tot Ion:248 Resp: 19172
 Ion Ratio Lower Upper
 248 100
 250 202.1 76.9 115.3#
 141 463.8 68.2 102.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.88 min Scan# 1049
 Delta R.T. -0.01 min
 Lab File: BF093589.D
 Acq: 12 Mar 2017 4:26

Tgt Ion:240 Resp: 336195
 Ion Ratio Lower Upper
 240 100
 120 15.8 12.9 19.3
 236 26.1 20.9 31.3





#78

Terphenyl-d14

Concen: 88.71 ng

RT: 12.82 min Scan# 957

Delta R.T. -0.00 min

Lab File: BF093589.D

Acq: 12 Mar 2017 4:26

Instrument :

BNA_F

ClientSampleId :

PW-02

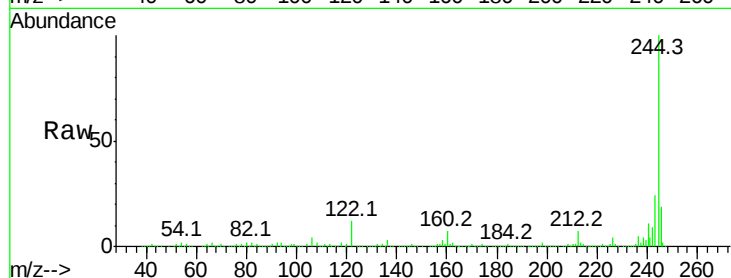
Tot Ion:244 Resp: 1147091

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

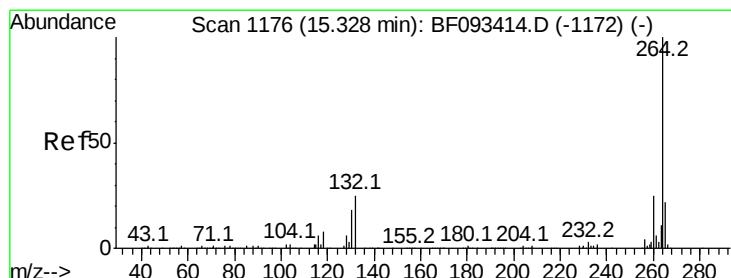
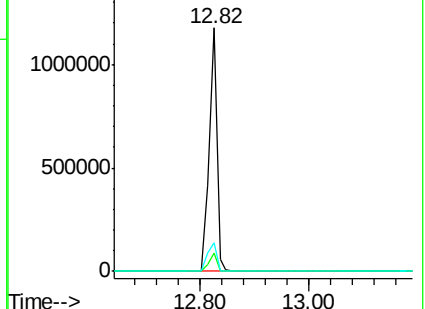
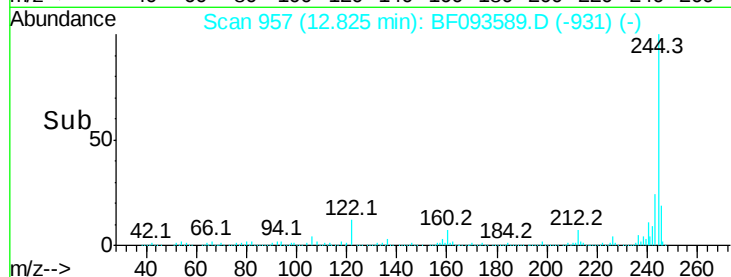
122 11.7 11.4 17.2



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: 15.28 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF093589.D

Acq: 12 Mar 2017 4:26

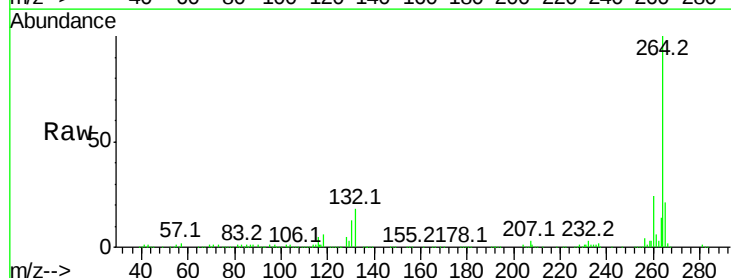
Tgt Ion:264 Resp: 294245

Ion Ratio Lower Upper

264 100

260 23.9 19.2 28.8

265 21.2 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

