

Data Path : Z:\HPCHEM1\BNA F\DATA\BF031017\
 Data File : BF093543.D
 Acq On : 11 Mar 2017 1:00
 Operator : SJ/MA
 Sample : I2198-05
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PW-02

Quant Time: Mar 11 02:32:29 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF030717.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Mar 07 15:55:22 2017
 Response via : Initial Calibration

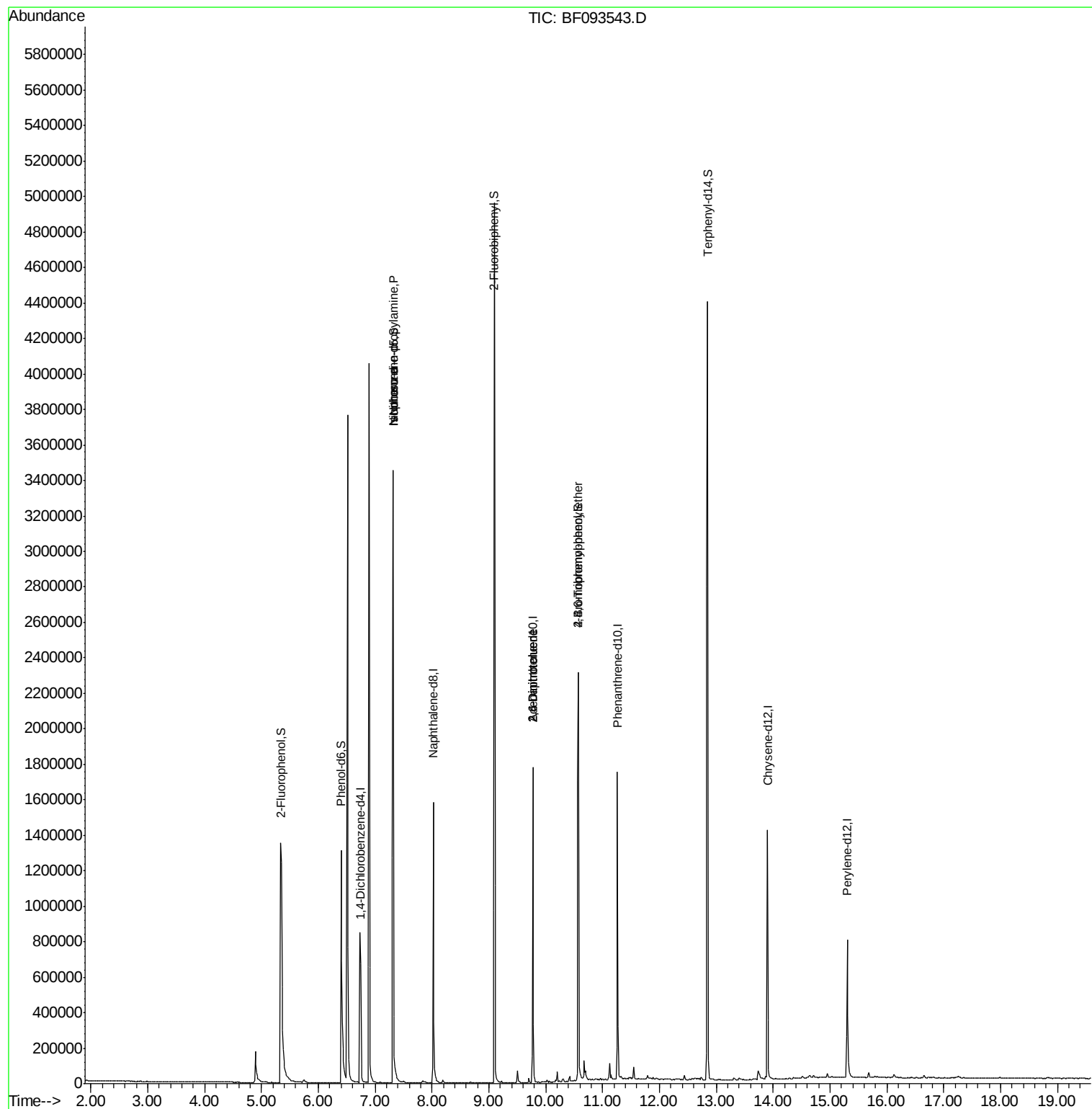
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.74	152	176523	20.00	ng	-0.02
21) Naphthalene-d8	8.02	136	714687	20.00	ng	-0.03
38) Acenaphthene-d10	9.77	164	330567	20.00	ng	-0.03
63) Phenanthrene-d10	11.26	188	602195	20.00	ng	-0.02
75) Chrysene-d12	13.90	240	491550	20.00	ng	-0.02
86) Perylene-d12	15.31	264	351180	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.35	112	755360	71.22	ng	0.00
7) Phenol-d6	6.40	99	686442	51.32	ng	-0.01
23) Nitrobenzene-d5	7.32	82	1277741	99.20	ng	-0.02
41) 2,4,6-Tribromophenol	10.57	330	333129	154.68	ng	-0.02
44) 2-Fluorobiphenyl	9.10	172	1634557	91.97	ng	-0.03
78) Terphenyl-d14	12.85	244	1620602	85.72	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.40	77	1430	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.32	70	174136	18.94	ng	# 79
25) Isophorone	7.32	82	1279373	49.25	ng	# 65
50) 2,6-Dinitrotoluene	9.77	165	42450	8.83	ng	# 31
56) 2,4-Dinitrotoluene	9.77	165	42451	7.19	ng	# 20
66) 4-Bromophenyl-phenylether	10.57	248	25144	3.95	ng	# 1

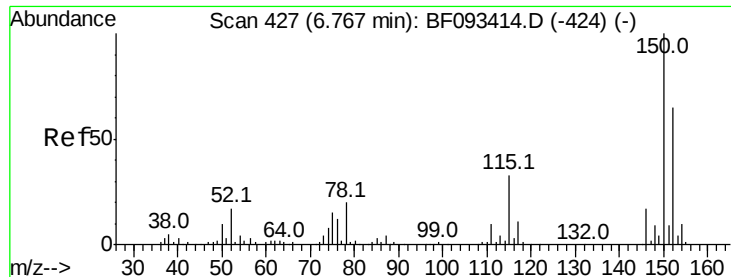
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.74 min Scan# 425

Delta R.T. -0.02 min

Lab File: BF093543.D

Acq: 11 Mar 2017 1:00

Instrument :

BNA_F

ClientSampleId :

PW-02

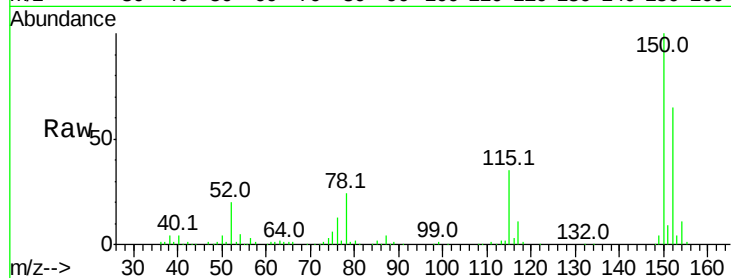
Tot Ion:152 Resp: 176523

Ion Ratio Lower Upper

152 100

150 154.9 124.9 187.3

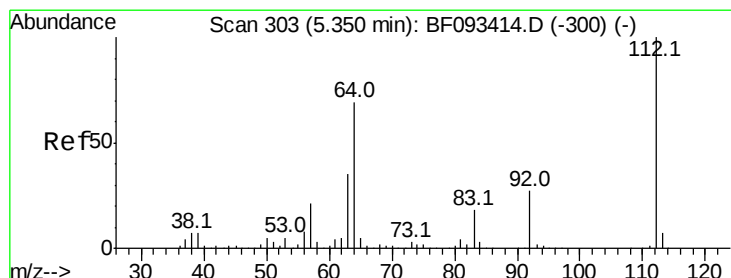
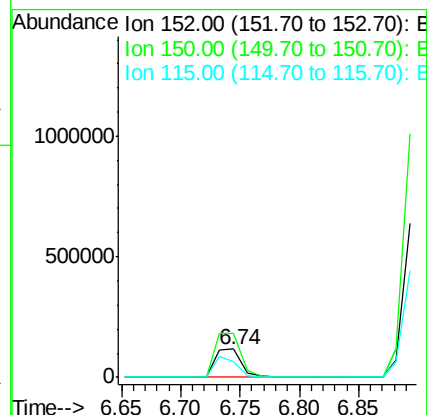
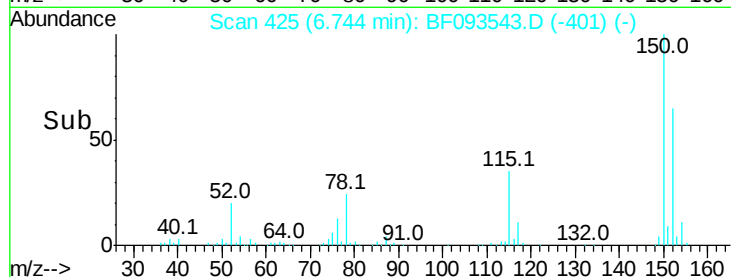
115 54.7 46.0 69.0



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: 71.22 ng

RT: 5.35 min Scan# 303

Delta R.T. -0.00 min

Lab File: BF093543.D

Acq: 11 Mar 2017 1:00

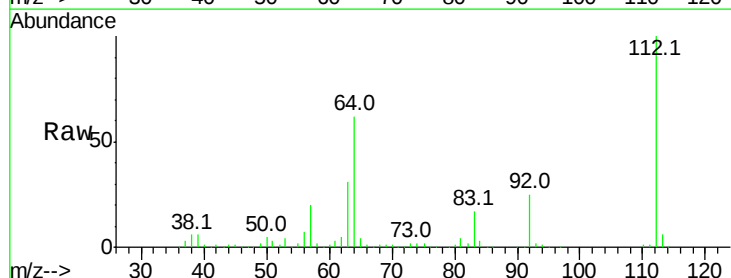
Tgt Ion:112 Resp: 755360

Ion Ratio Lower Upper

112 100

64 62.3 46.1 69.1

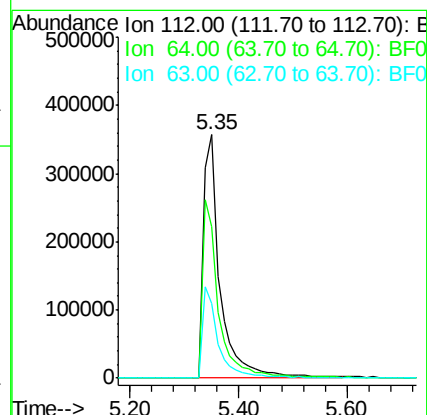
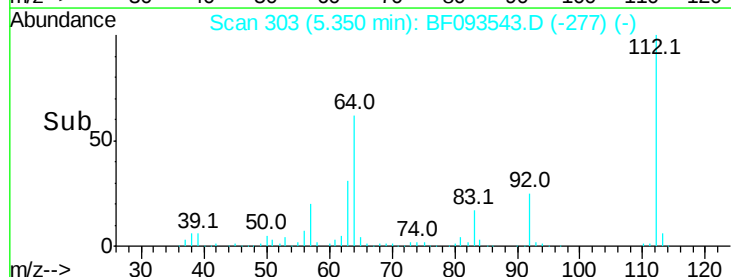
63 30.7 23.8 35.6

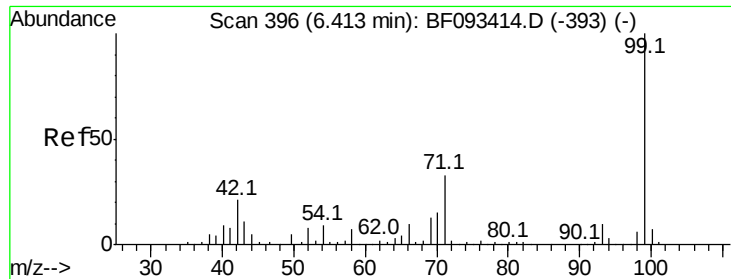


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 51.32 ng

RT: 6.40 min Scan# 395

Delta R.T. -0.01 min

Lab File: BF093543.D

Acq: 11 Mar 2017 1:00

Instrument :

BNA_F

ClientSampleId :

PW-02

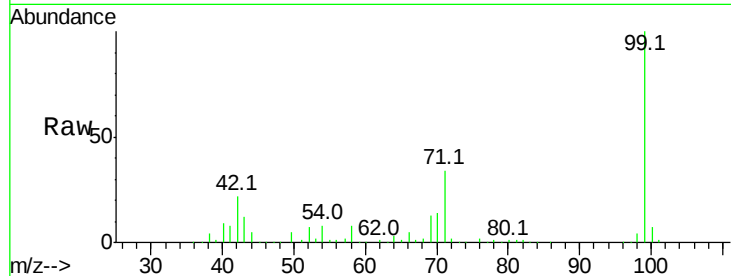
Tot Ion: 99 Resp: 686442

Ion Ratio Lower Upper

99 100

42 22.4 15.6 23.4

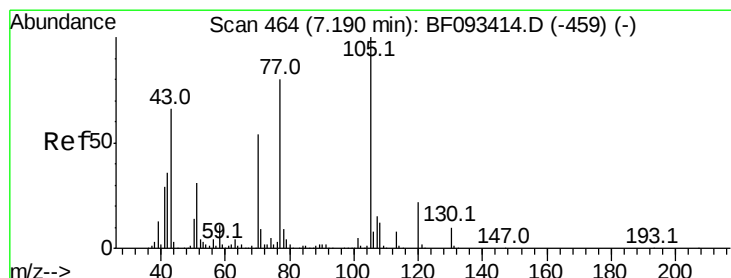
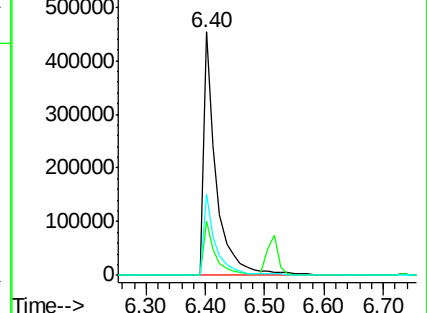
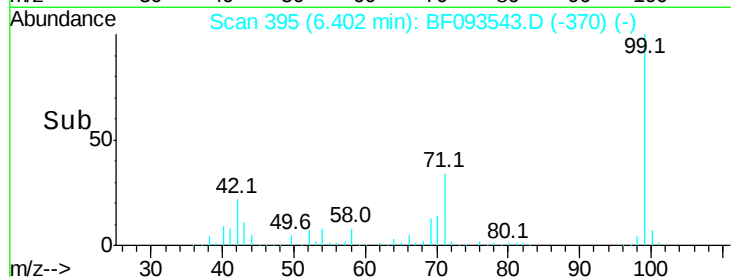
71 33.5 27.5 41.3



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: 18.94 ng

RT: 7.32 min Scan# 475

Delta R.T. 0.13 min

Lab File: BF093543.D

Acq: 11 Mar 2017 1:00

Tgt Ion: 70 Resp: 174136

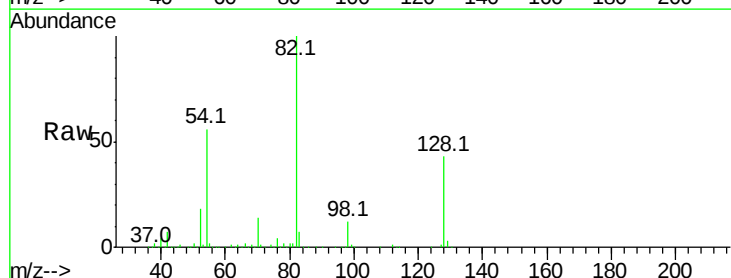
Ion Ratio Lower Upper

70 100

42 49.6 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

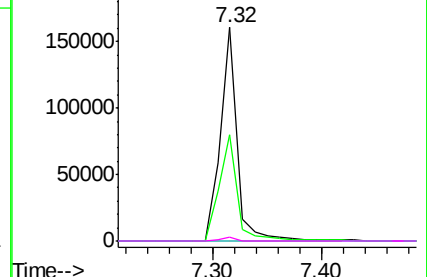
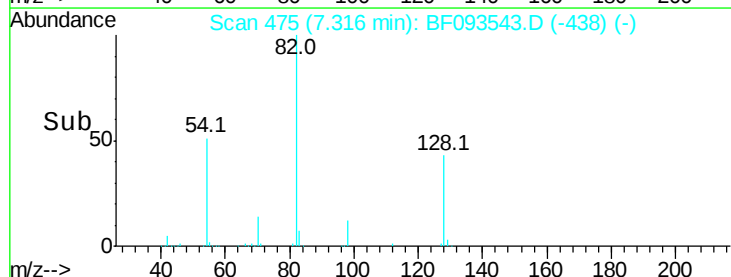


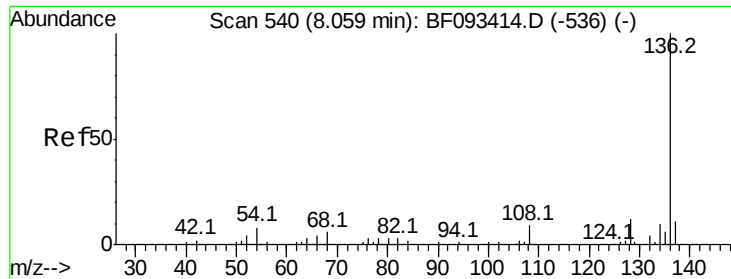
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

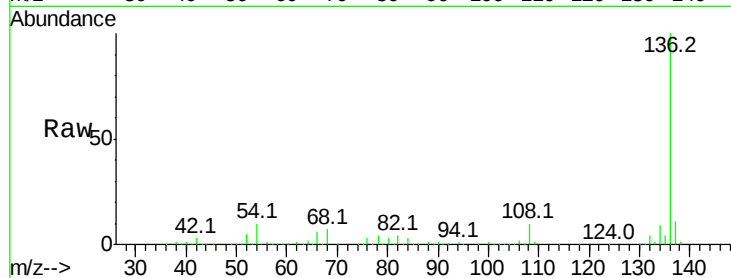




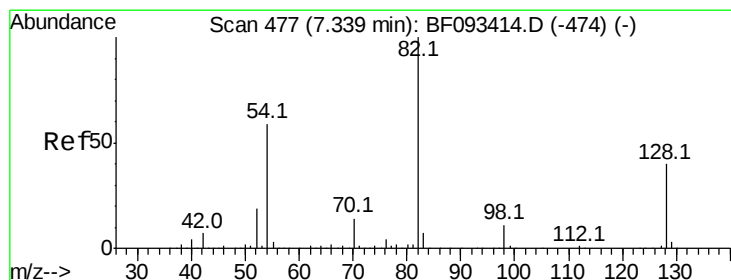
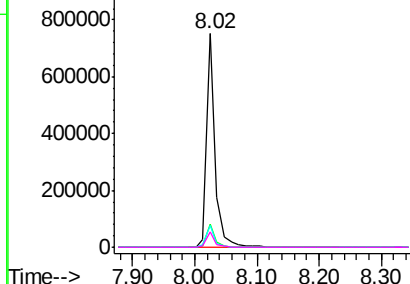
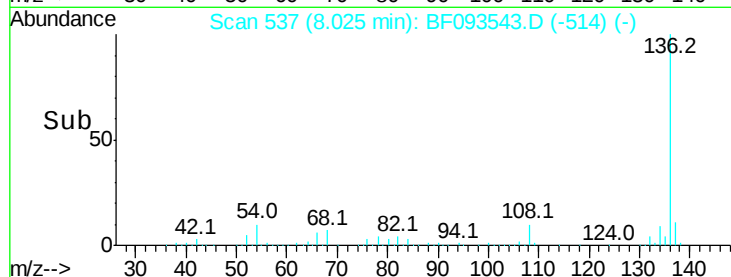
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.02 min Scan# 537
Delta R.T. -0.03 min
Lab File: BF093543.D
Acq: 11 Mar 2017 1:00

Instrument :
BNA_F
ClientSampleId :
PW-02

Tot Ion:	136	Resp:	714687
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.0	4.5	6.7#
68	7.4	3.6	5.4#

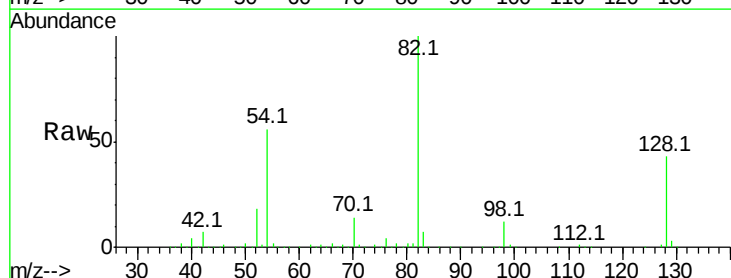


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

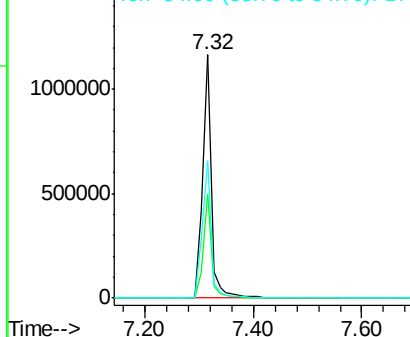
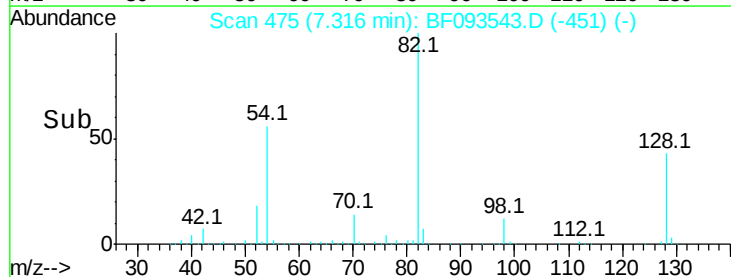


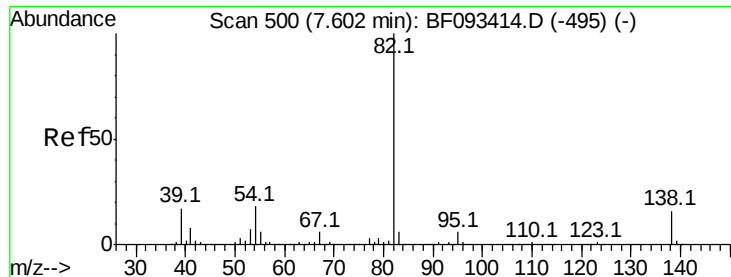
#23
Nitrobenzene-d5
Concen: 99.20 ng
RT: 7.32 min Scan# 475
Delta R.T. -0.02 min
Lab File: BF093543.D
Acq: 11 Mar 2017 1:00

Tgt Ion:	82	Resp:	1277741
Ion	Ratio	Lower	Upper
82	100		
128	42.7	34.6	52.0
54	56.4	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: 49.25 ng

RT: 7.32 min Scan# 475

Delta R.T. -0.29 min

Lab File: BF093543.D

Acq: 11 Mar 2017 1:00

Instrument :

BNA_F

ClientSampleId :

PW-02

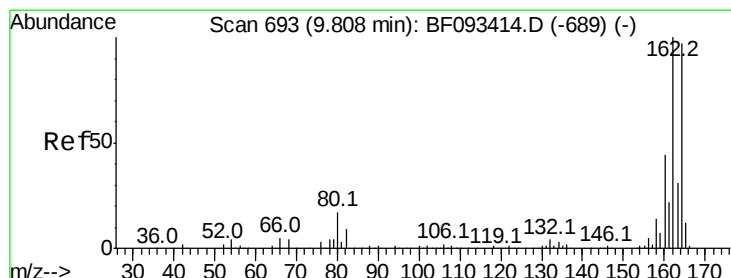
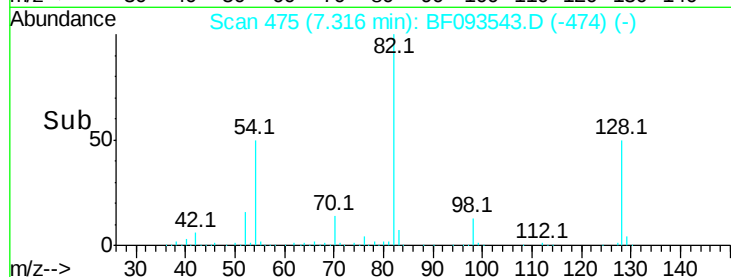
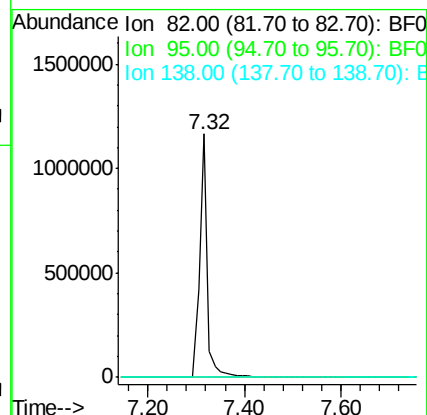
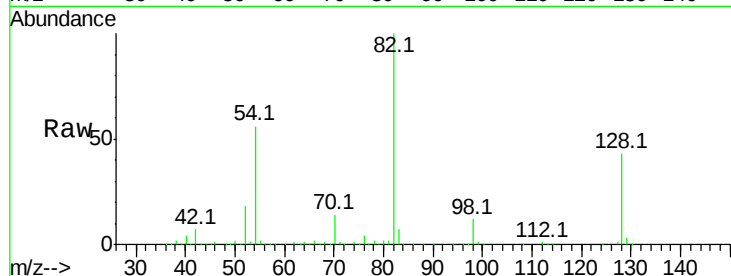
Tot Ion: 82 Resp: 1279373

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.77 min Scan# 690

Delta R.T. -0.03 min

Lab File: BF093543.D

Acq: 11 Mar 2017 1:00

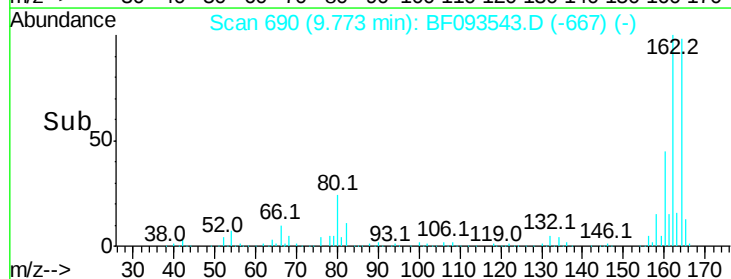
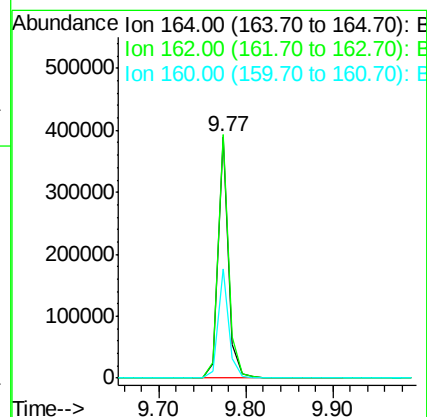
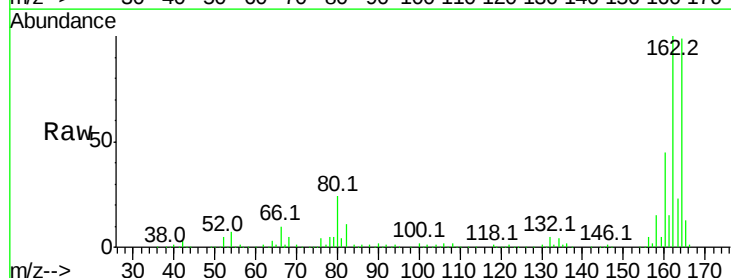
Tgt Ion:164 Resp: 330567

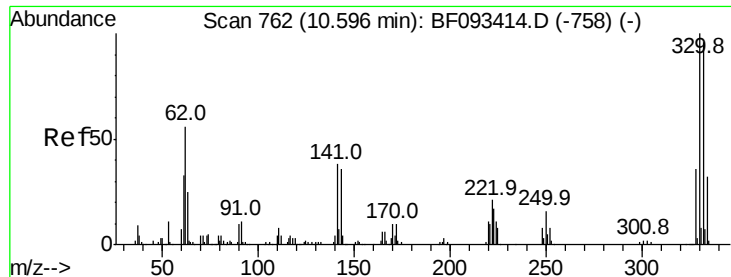
Ion Ratio Lower Upper

164 100

162 100.8 80.2 120.2

160 45.4 36.9 55.3

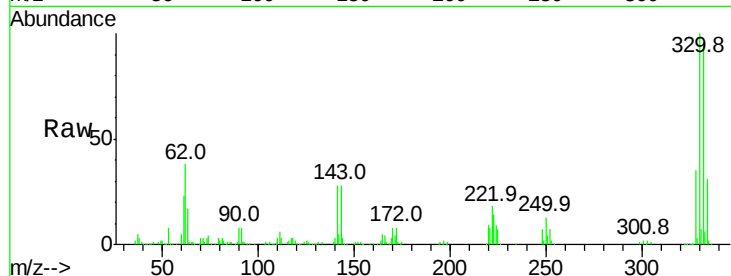




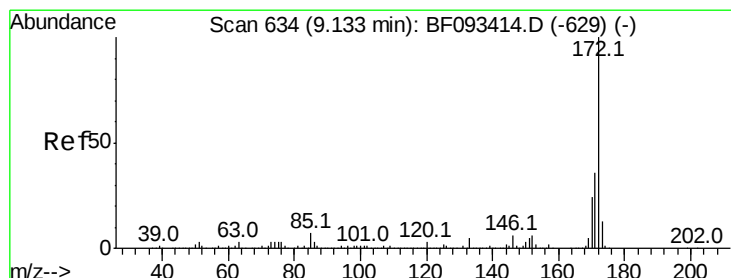
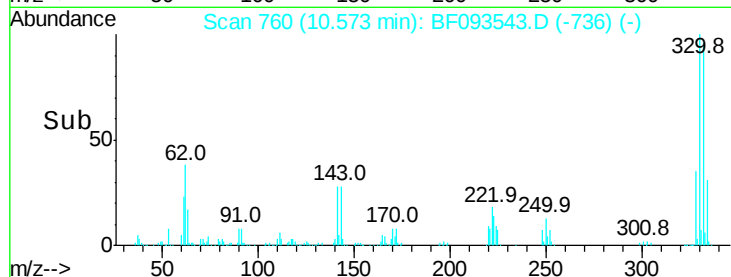
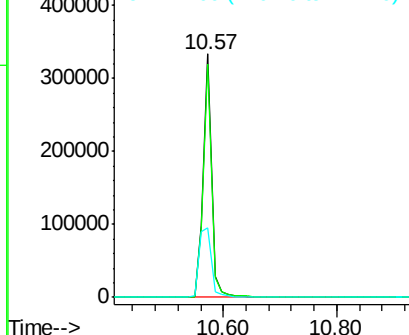
#41
 2,4,6-Tribromophenol
 Concen: 154.68 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.02 min
 Lab File: BF093543.D
 Acq: 11 Mar 2017 1:00

Instrument :
 BNA_F
 ClientSampleId :
 PW-02

Tot Ion:330 Resp: 333129
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.4 116.2
 141 41.6 34.1 51.1

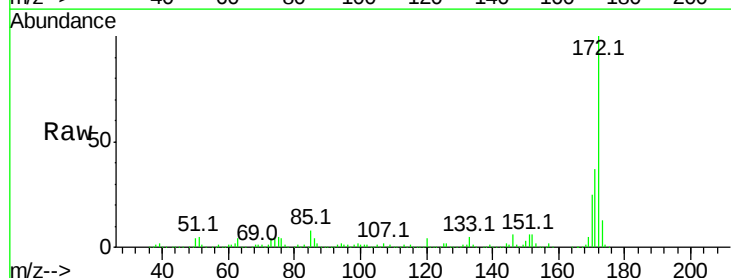


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

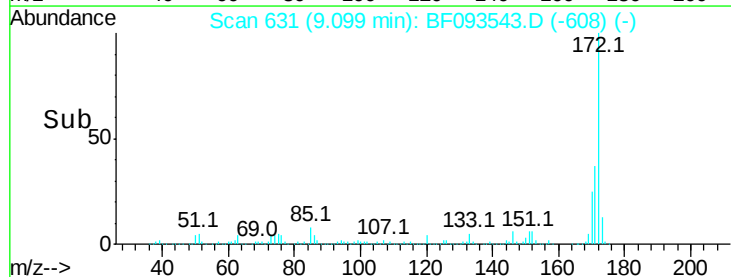
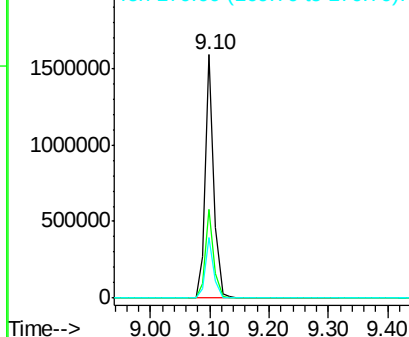


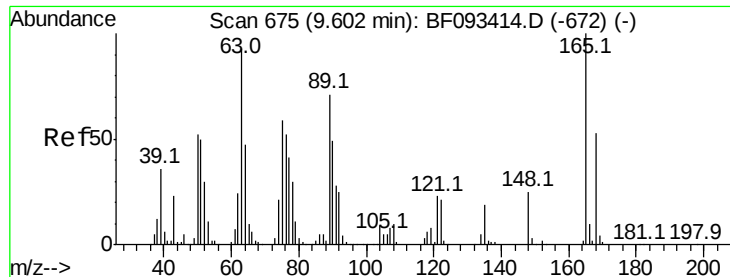
#44
 2-Fluorobiphenyl
 Concen: 91.97 ng
 RT: 9.10 min Scan# 631
 Delta R.T. -0.03 min
 Lab File: BF093543.D
 Acq: 11 Mar 2017 1:00

Tgt Ion:172 Resp: 1634557
 Ion Ratio Lower Upper
 172 100
 171 36.5 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

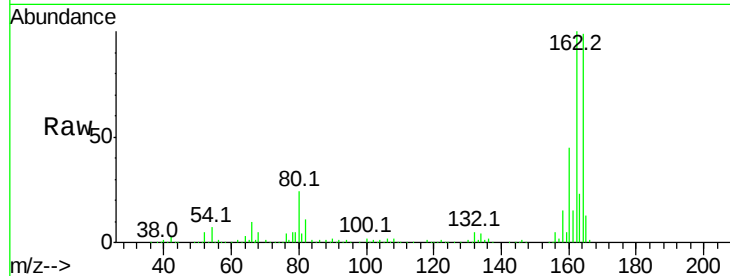




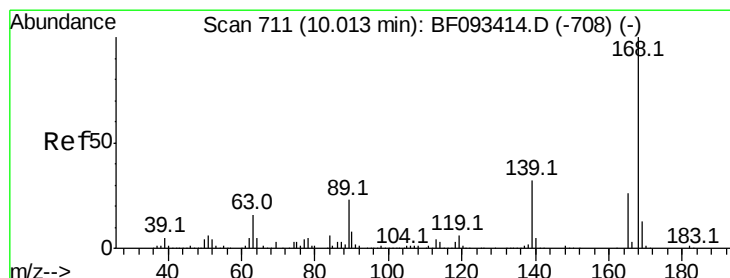
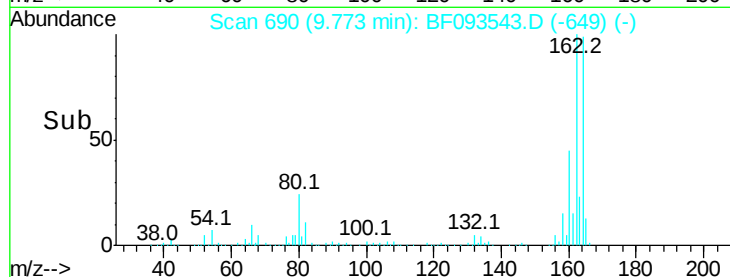
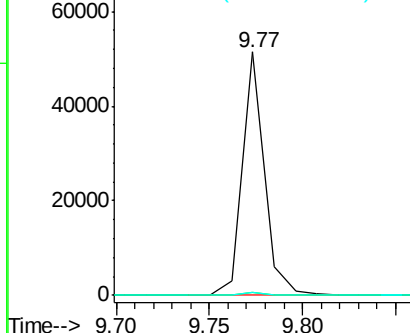
#50
2,6-Dinitrotoluene
Concen: 8.83 ng
RT: 9.77 min Scan# 690
Delta R.T. 0.17 min
Lab File: BF093543.D
Acq: 11 Mar 2017 1:00

Instrument :
BNA_F
ClientSampleId :
PW-02

Tot Ion:165 Resp: 42450
Ion Ratio Lower Upper
165 100
63 1.4 36.2 54.4#
89 1.3 40.2 60.4#

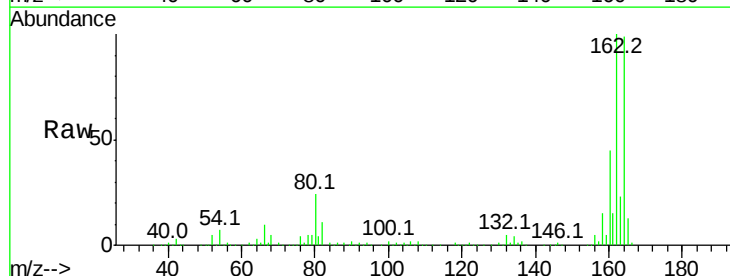


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BF0
Ion 89.00 (88.70 to 89.70): BF0

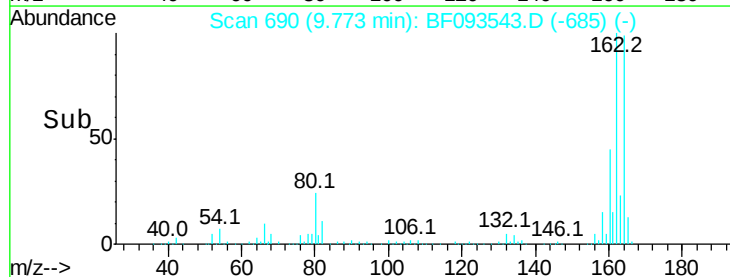
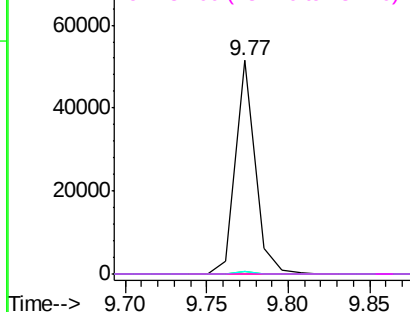


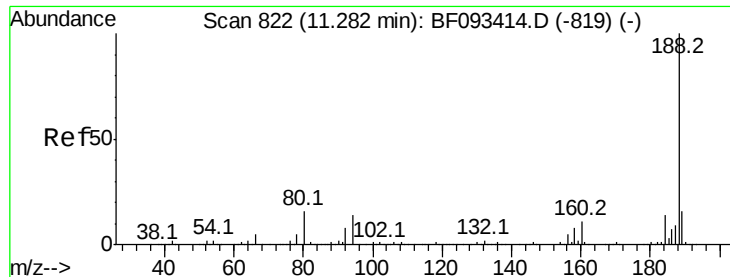
#56
2,4-Dinitrotoluene
Concen: 7.19 ng
RT: 9.77 min Scan# 690
Delta R.T. -0.24 min
Lab File: BF093543.D
Acq: 11 Mar 2017 1:00

Tgt Ion:165 Resp: 42451
Ion Ratio Lower Upper
165 100
63 1.4 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

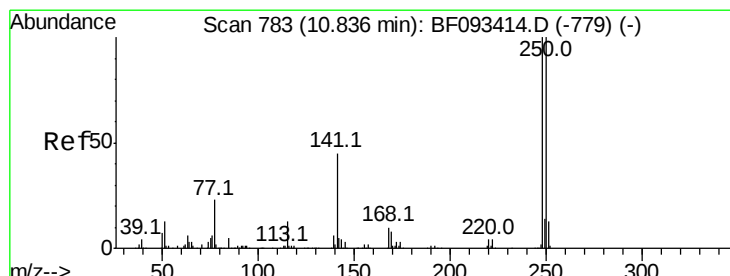
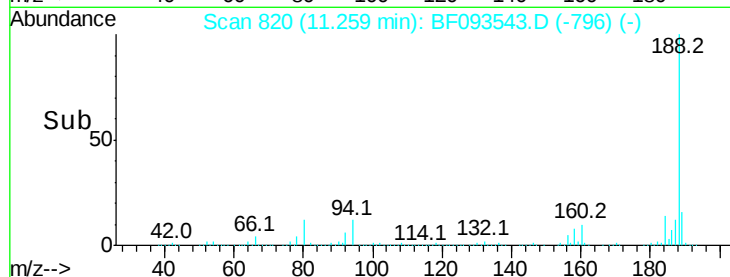
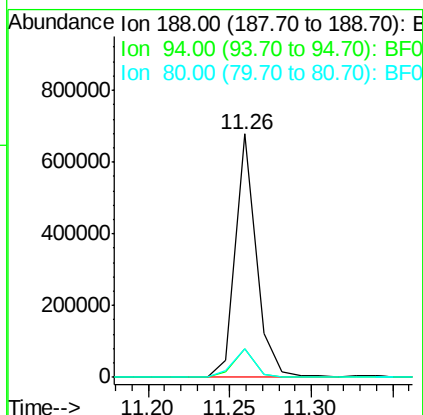
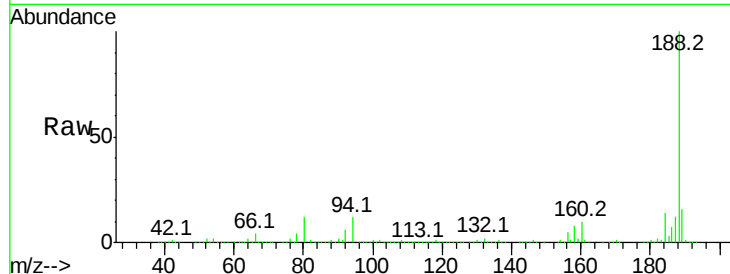




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.26 min Scan# 820
 Delta R.T. -0.02 min
 Lab File: BF093543.D
 Acq: 11 Mar 2017 1:00

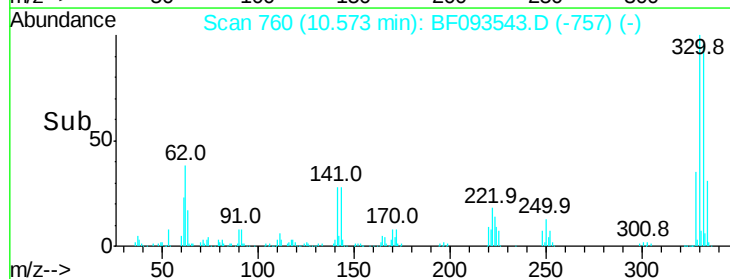
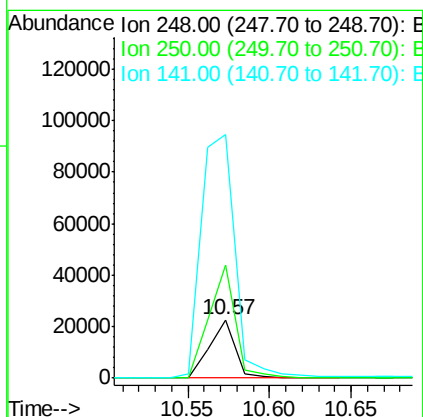
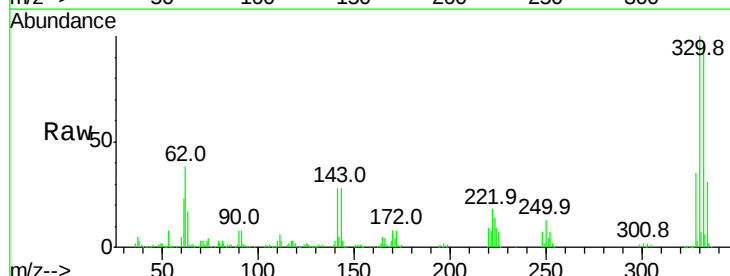
Instrument :
 BNA_F
 ClientSampleId :
 PW-02

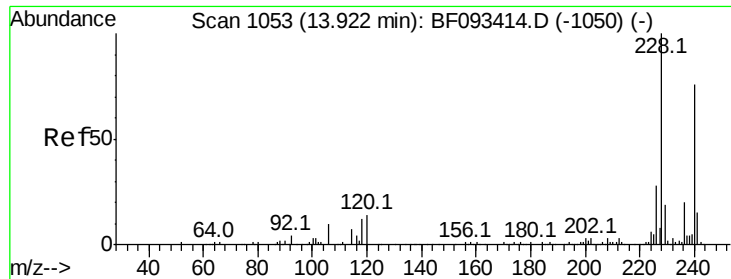
Tot Ion	Ratio	Lower	Upper
188	100		
94	11.8	10.0	15.0
80	11.9	11.2	16.8



#66
 4-Bromophenyl-phenylether
 Concen: 3.95 ng
 RT: 10.57 min Scan# 760
 Delta R.T. -0.26 min
 Lab File: BF093543.D
 Acq: 11 Mar 2017 1:00

Tgt Ion	Ratio	Lower	Upper
248	100		
250	194.5	76.9	115.3#
141	418.5	68.2	102.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.90 min Scan# 1051

Delta R.T. -0.02 min

Lab File: BF093543.D

Acq: 11 Mar 2017 1:00

Instrument :

BNA_F

ClientSampleId :

PW-02

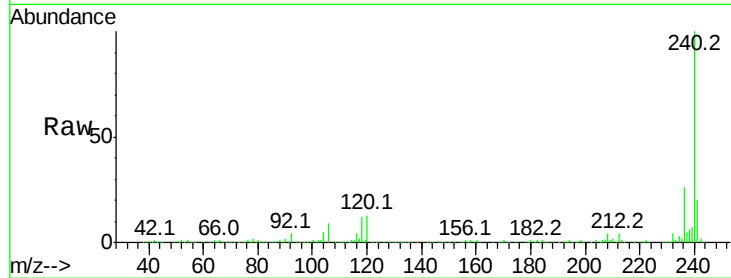
Tot Ion:240 Resp: 491550

Ion Ratio Lower Upper

240 100

120 13.2 12.9 19.3

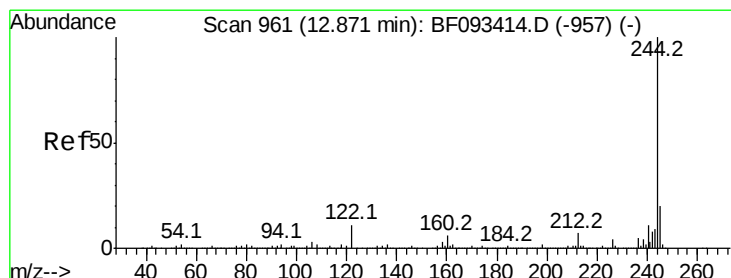
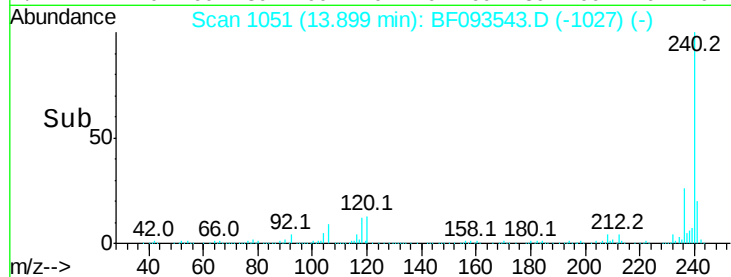
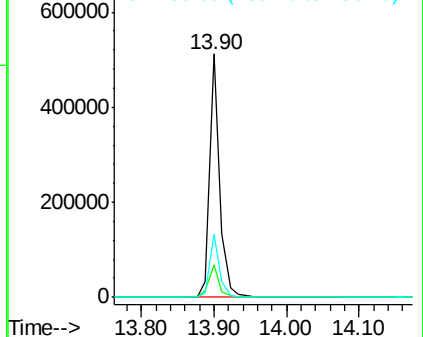
236 25.9 20.9 31.3



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: 85.72 ng

RT: 12.85 min Scan# 959

Delta R.T. -0.02 min

Lab File: BF093543.D

Acq: 11 Mar 2017 1:00

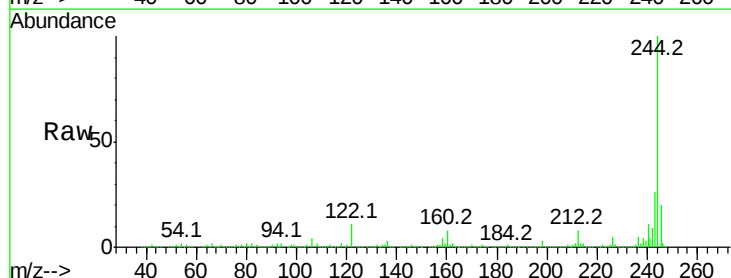
Tgt Ion:244 Resp: 1620602

Ion Ratio Lower Upper

244 100

212 7.8 6.2 9.2

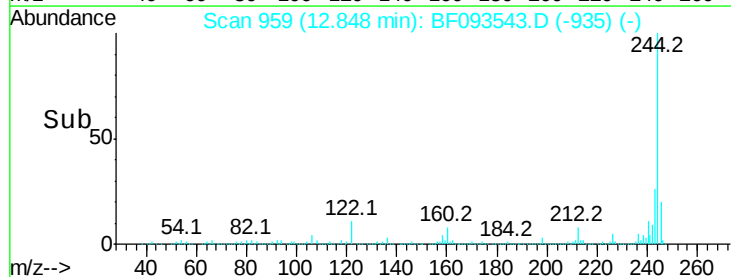
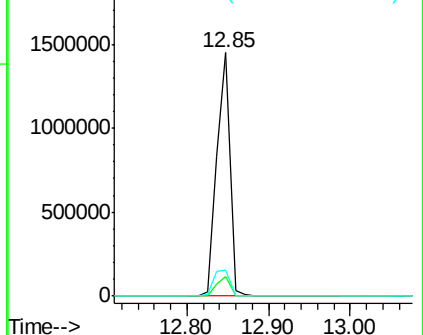
122 10.8 11.4 17.2#

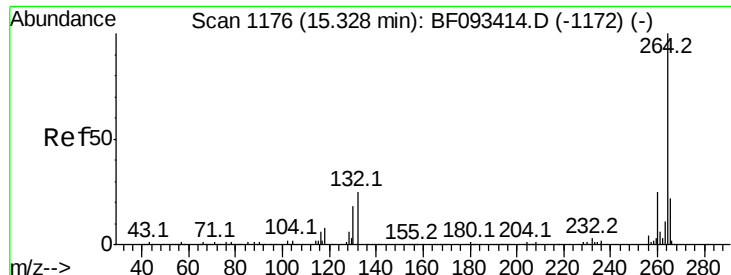


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

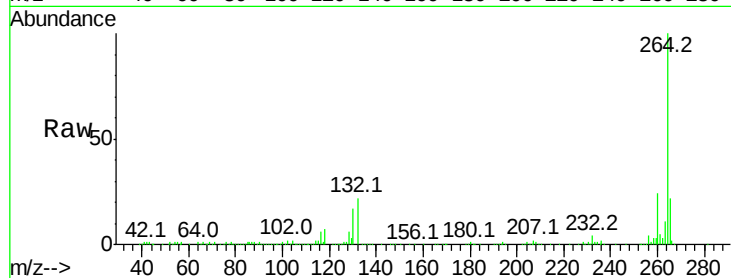




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.31 min Scan# 1174
Delta R.T. -0.02 min
Lab File: BF093543.D
Acq: 11 Mar 2017 1:00

Instrument :
BNA_F
ClientSampleId :
PW-02

Tot Ion:264 Resp: 351180
Ion Ratio Lower Upper
264 100
260 24.5 19.2 28.8
265 21.9 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

