

Data File : BF093035.D
Acq On : 20 Feb 2017 18:25
Operator : SJ/MA
Sample : PB97034TB
Misc :
ALS Vial : 7 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
PB97034TB

Quant Time: Feb 20 23:42:34 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	6.84	152	156785	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	593405	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	275013	20.00	ng	-0.01
63) Phenanthrene-d10	11.37	188	550252	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	502790	20.00	ng	-0.01
86) Perylene-d12	15.43	264	386376	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1145093	125.30	ng	0.00
7) Phenol-d6	6.49	99	1538676	130.86	ng	0.00
23) Nitrobenzene-d5	7.41	82	905518	84.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	341494	171.69	ng	0.00
44) 2-Fluorobiphenyl	9.21	172	1643190	108.25	ng	-0.01
78) Terphenyl-d14	12.96	244	1445114	67.53	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.41	70	118144	15.78	ng	# 80
25) Isophorone	7.41	82	696164	35.06	ng	# 65
50) 2,6-Dinitrotoluene	9.88	165	35653	8.91	ng	# 31
56) 2,4-Dinitrotoluene	9.88	165	35654	6.69	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.68	198	835	2.90	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	25432	4.42	ng	# 1

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

Data File : BF093035.D

Acq On : 20 Feb 2017 18:25

Operator : SJ/MA

Sample : PB97034TB

Misc :

ALS Vial : 7 Sample Multiplier: 1

Instrument :

BNA_F

ClientSampleId :

PB97034TB

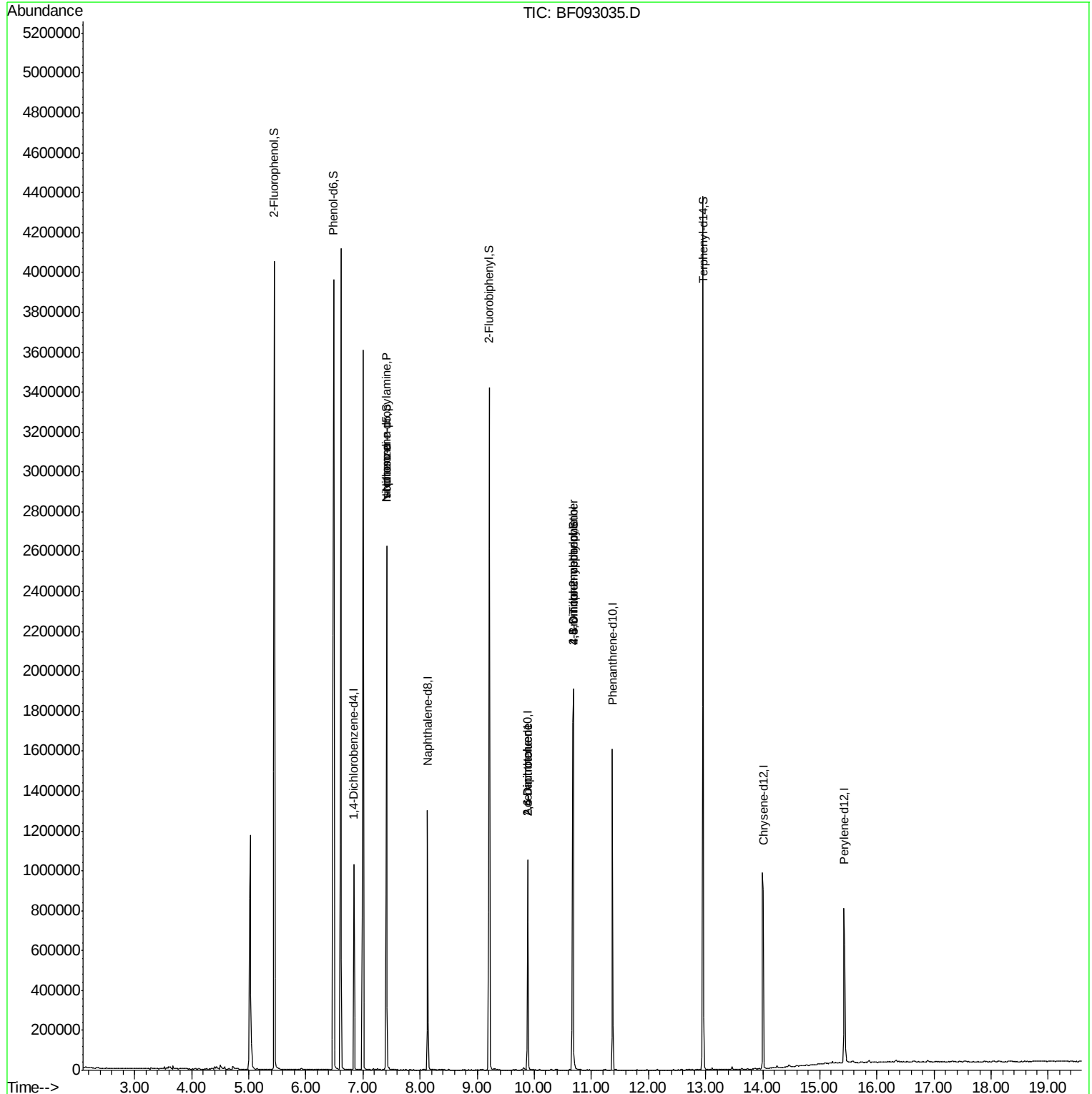
Quant Time: Feb 20 23:42:34 2017

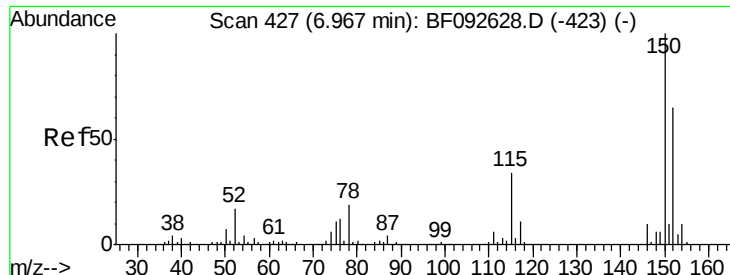
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Fri Feb 17 17:31:55 2017

Response via : Initial Calibration



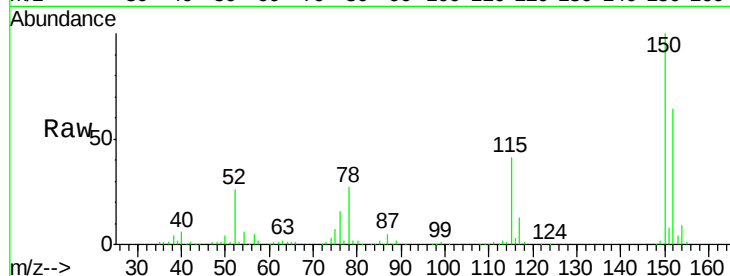


#1

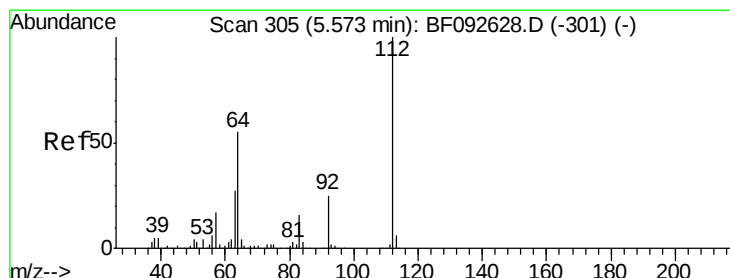
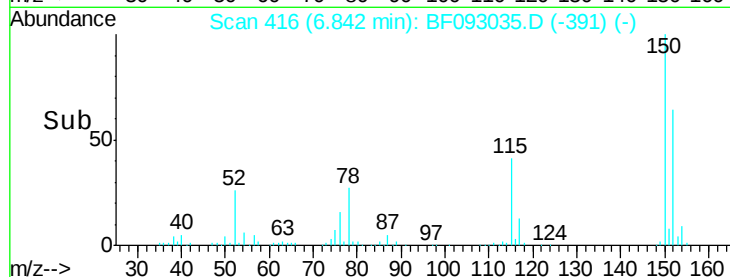
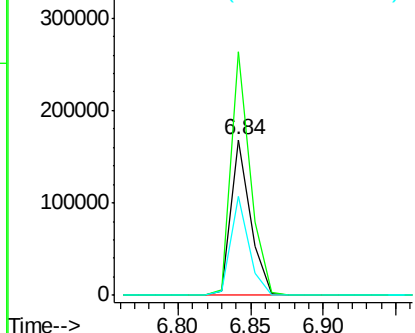
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.84 min Scan# 416
 Delta R.T. -0.01 min
 Lab File: BF093035.D
 Acq: 20 Feb 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :
 PB97034TB

Tgt Ion:152 Resp: 156785
 Ion Ratio Lower Upper
 152 100
 150 156.3 124.9 187.3
 115 63.7 46.0 69.0



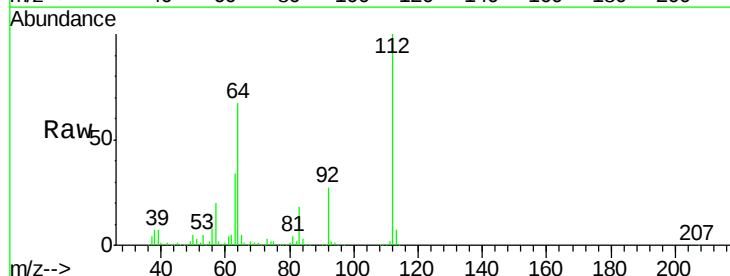
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



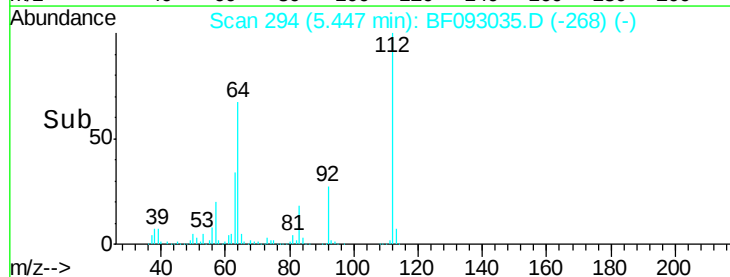
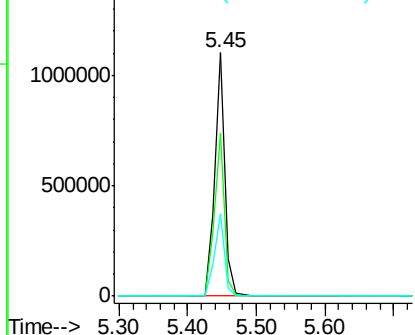
#5

2-Fluorophenol
 Concen: 125.30 ng
 RT: 5.45 min Scan# 294
 Delta R.T. -0.00 min
 Lab File: BF093035.D
 Acq: 20 Feb 2017 18:25

Tgt Ion:112 Resp: 1145093
 Ion Ratio Lower Upper
 112 100
 64 67.0 46.1 69.1
 63 33.6 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: 130.86 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093035.D

Acq: 20 Feb 2017 18:25

Instrument :

BNA_F

ClientSampleId :

PB97034TB

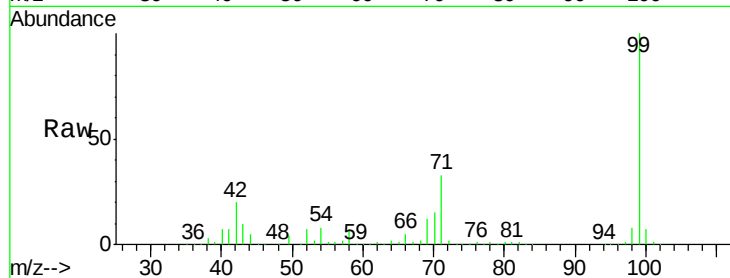
Tgt Ion: 99 Resp: 1538676

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

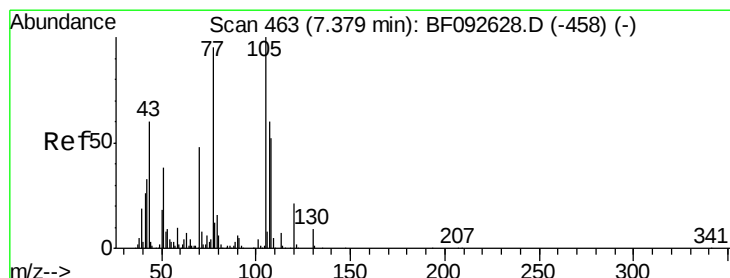
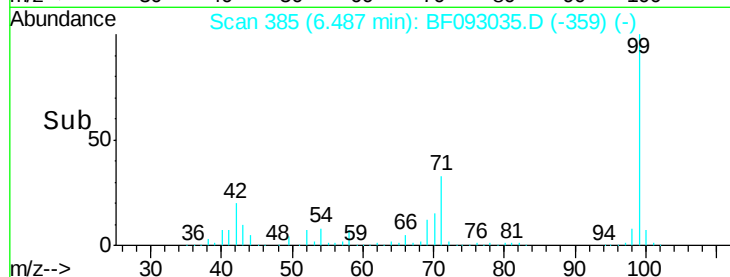
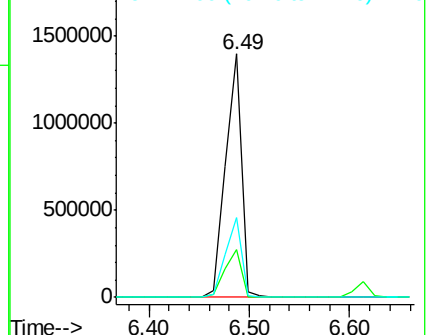
71 33.0 27.5 41.3



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: 15.78 ng

RT: 7.41 min Scan# 466

Delta R.T. 0.14 min

Lab File: BF093035.D

Acq: 20 Feb 2017 18:25

Tgt Ion: 70 Resp: 118144

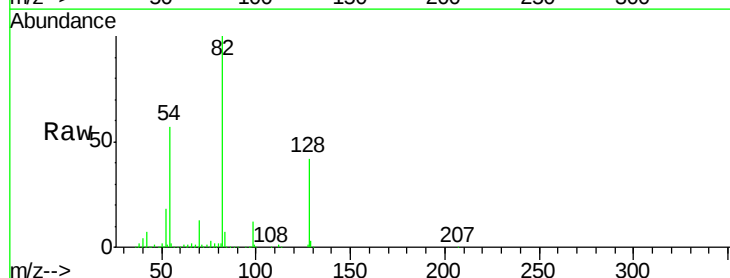
Ion Ratio Lower Upper

70 100

42 50.5 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

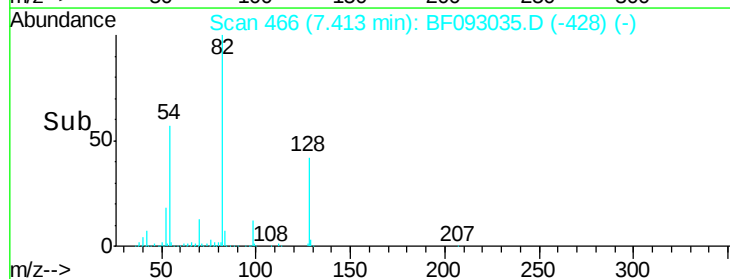
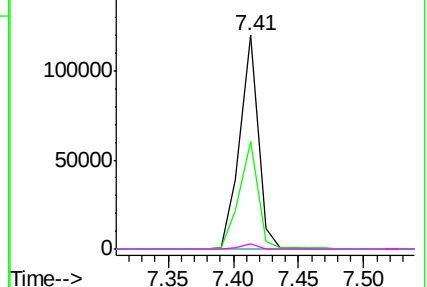


Abundance Ion 70.00 (69.70 to 70.70): BF0

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

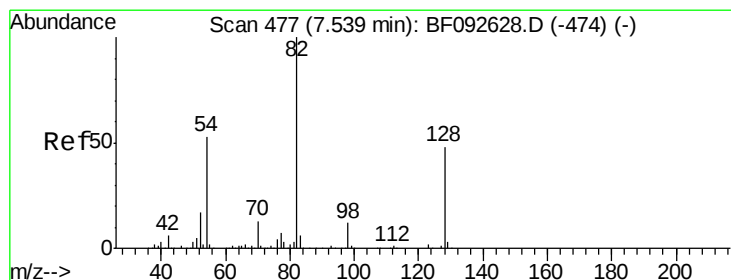
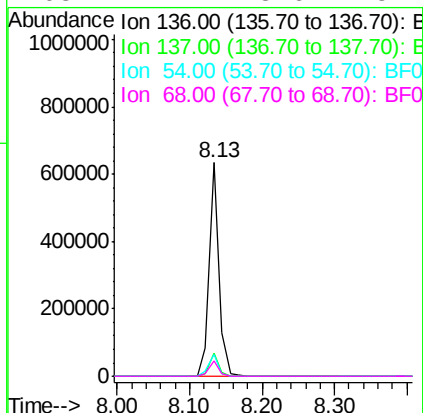
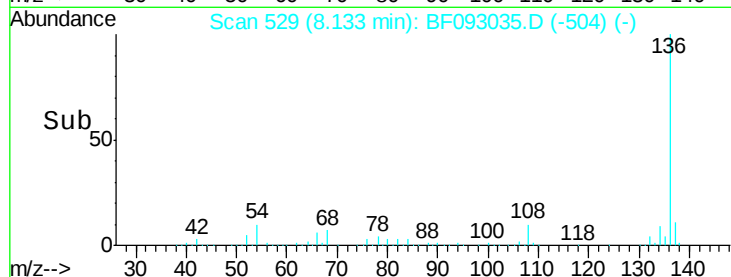
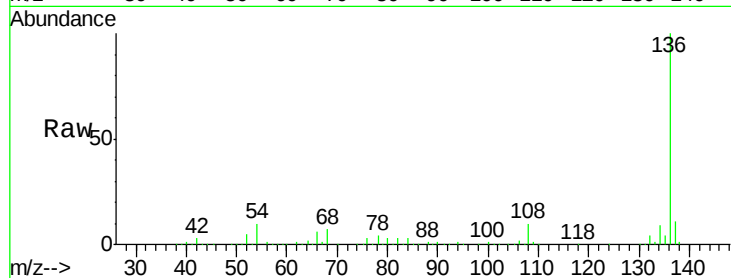




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093035.D
Acq: 20 Feb 2017 18:25

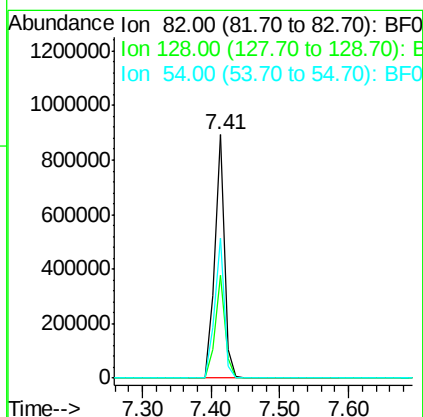
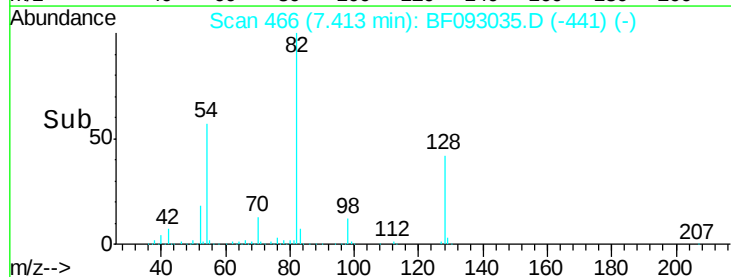
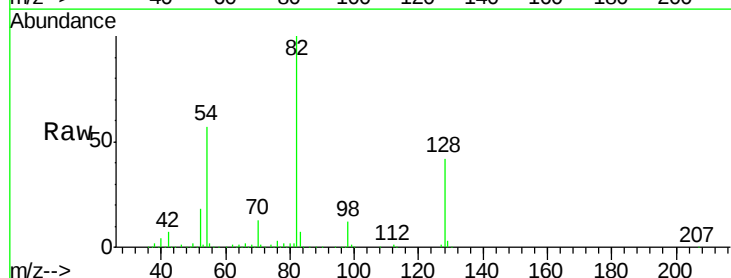
Instrument :
BNA_F
ClientSampleId :
PB97034TB

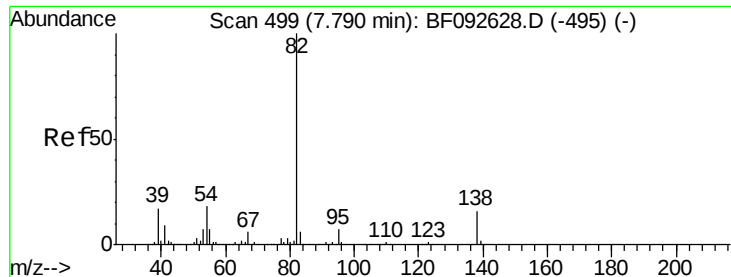
Tgt Ion:	136	Resp:	593405
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.3	4.5	6.7#
68	7.1	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 84.98 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.01 min
Lab File: BF093035.D
Acq: 20 Feb 2017 18:25

Tgt Ion:	82	Resp:	905518
Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	52.0
54	57.4	39.5	59.3

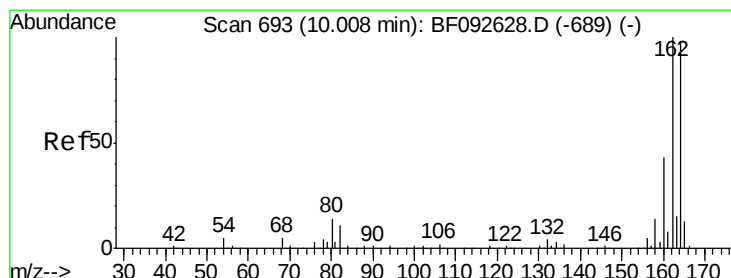
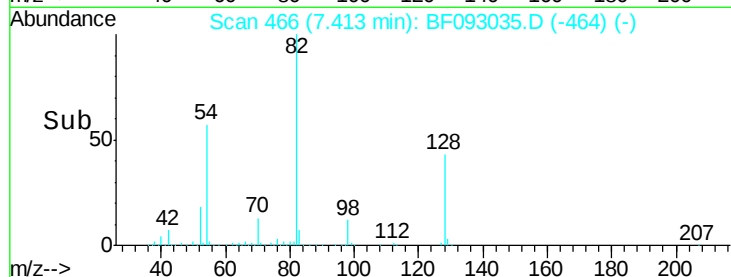
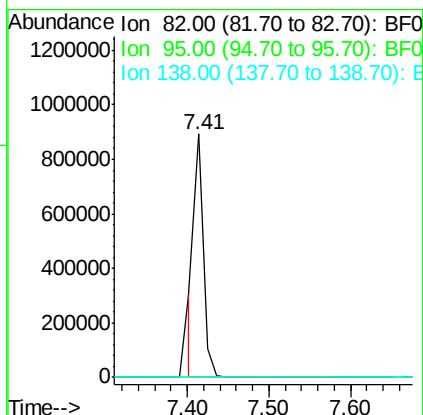
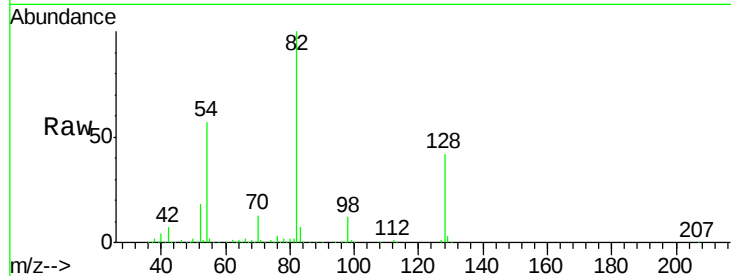




#25
Isophorone
Concen: 35.06 ng
RT: 7.41 min Scan# 466
Delta R.T. -0.27 min
Lab File: BF093035.D
Acq: 20 Feb 2017 18:25

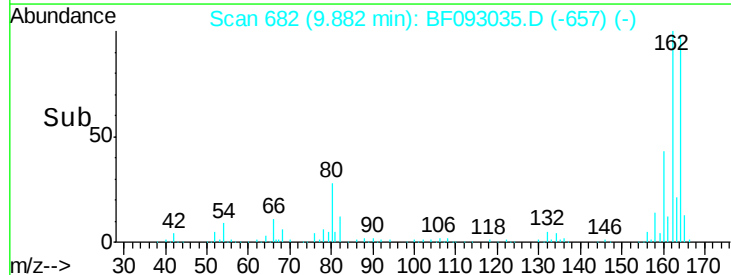
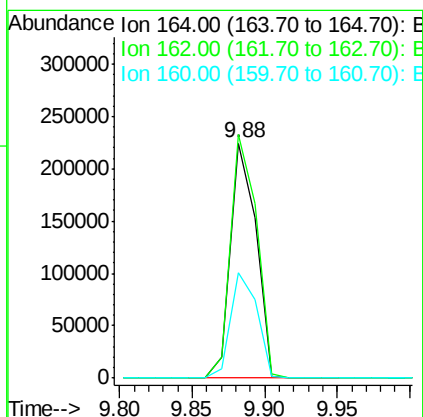
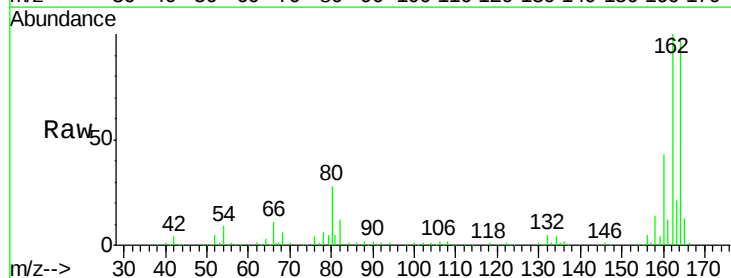
Instrument :
BNA_F
ClientSampleId :
PB97034TB

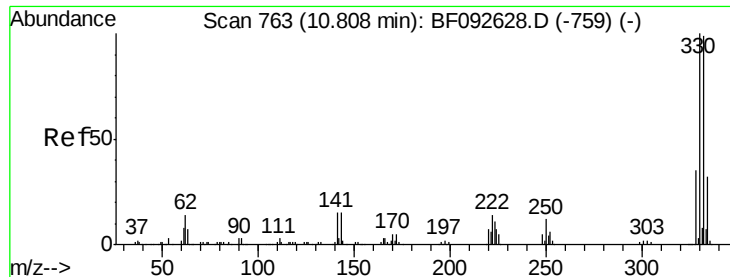
Tgt Ion: 82 Resp: 696164
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.88 min Scan# 682
Delta R.T. -0.01 min
Lab File: BF093035.D
Acq: 20 Feb 2017 18:25

Tgt Ion: 164 Resp: 275013
Ion Ratio Lower Upper
164 100
162 103.6 80.2 120.2
160 45.0 36.9 55.3

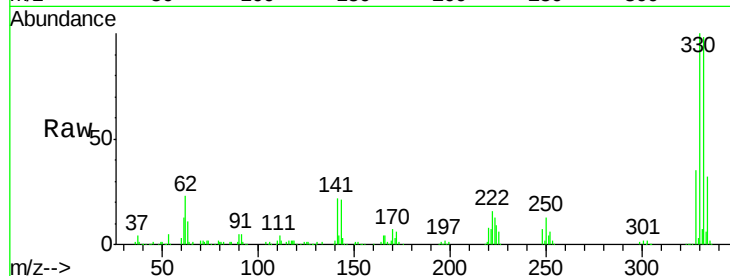




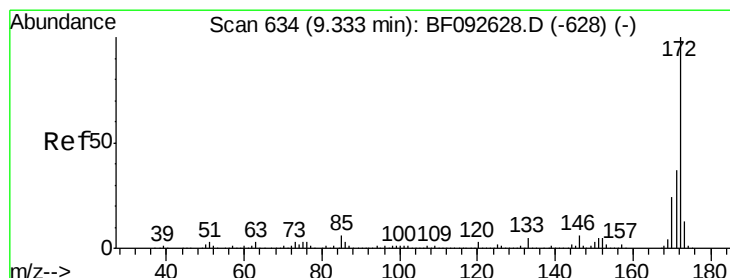
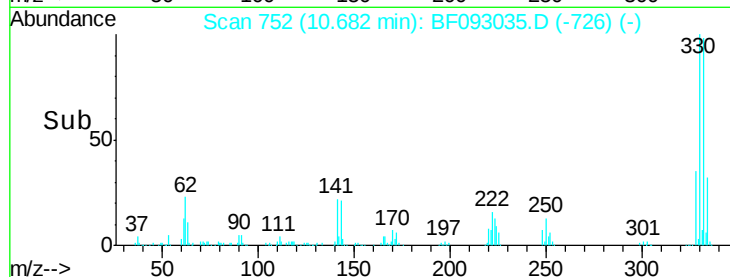
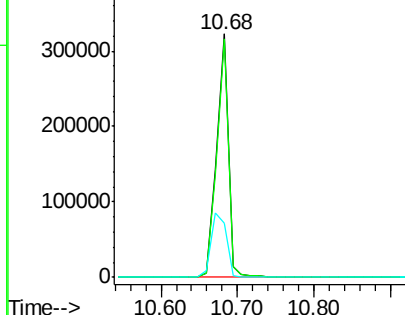
#41
 2,4,6-Tribromophenol
 Concen: 171.69 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093035.D
 Acq: 20 Feb 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :
 PB97034TB

Tgt Ion:330 Resp: 341494
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 34.7 34.1 51.1

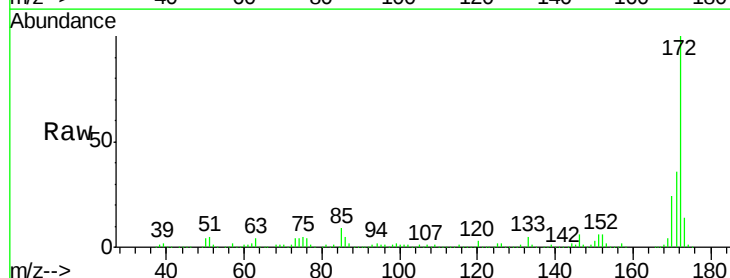


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

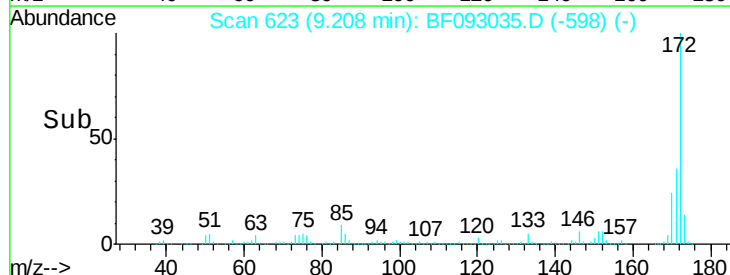
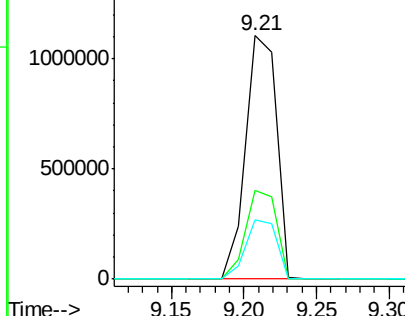


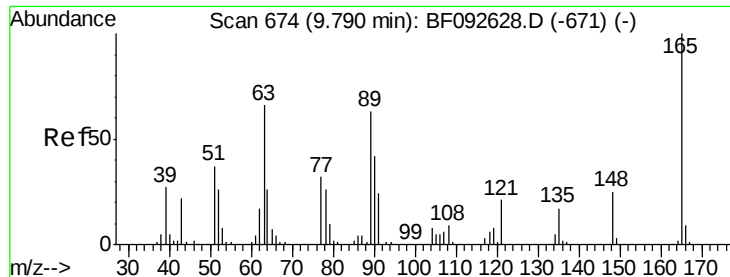
#44
 2-Fluorobiphenyl
 Concen: 108.25 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093035.D
 Acq: 20 Feb 2017 18:25

Tgt Ion:172 Resp: 1643190
 Ion Ratio Lower Upper
 172 100
 171 36.3 29.4 44.0
 170 24.2 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

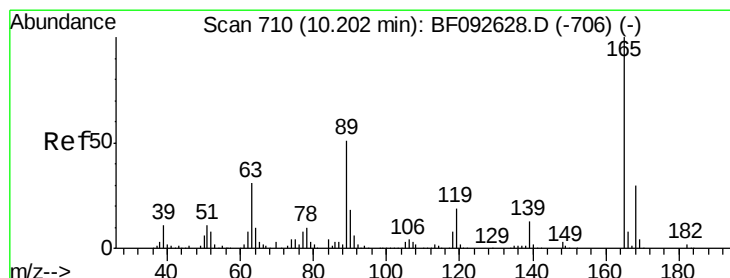
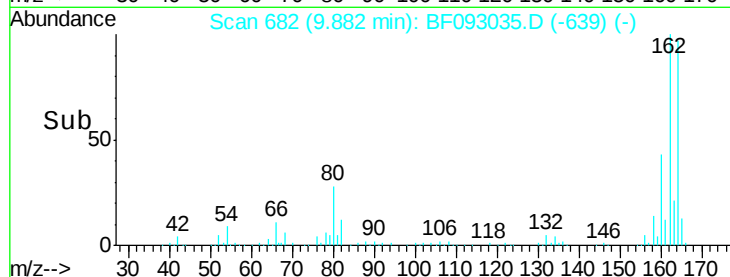
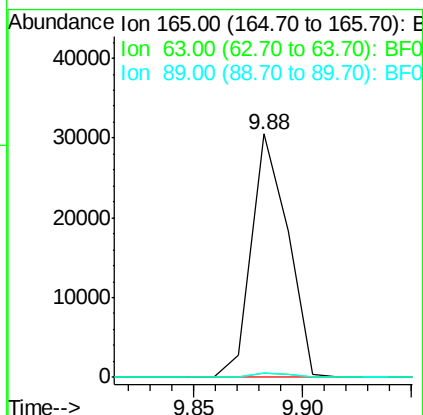
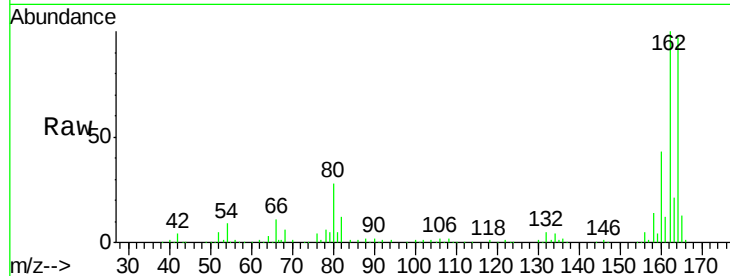




#50
 2,6-Dinitrotoluene
 Concen: 8.91 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.19 min
 Lab File: BF093035.D
 Acq: 20 Feb 2017 18:25

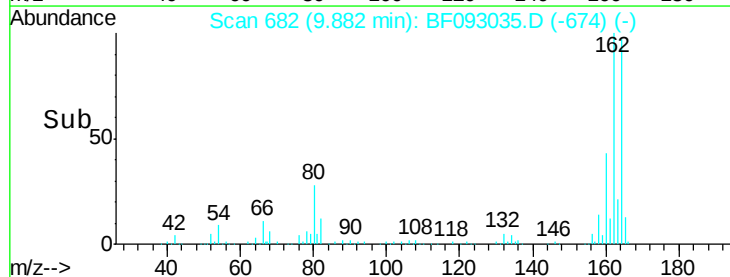
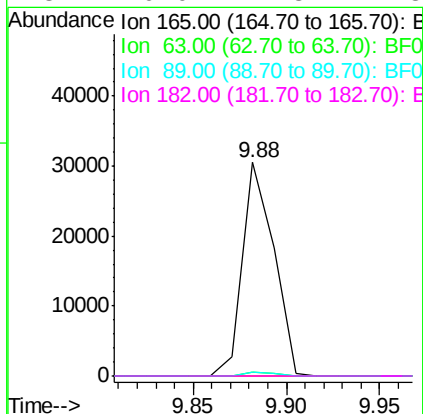
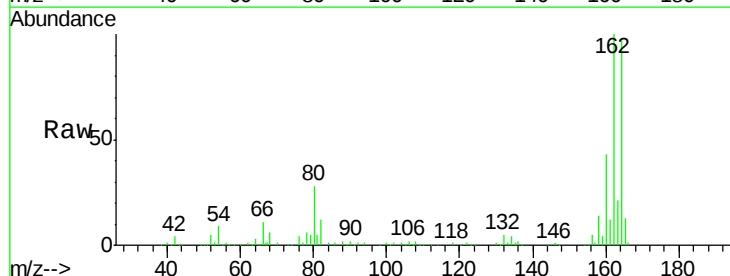
Instrument :
 BNA_F
 ClientSampleId :
 PB97034TB

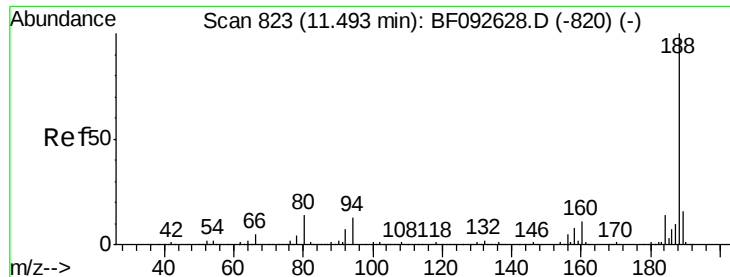
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	36.2	54.4#
89	1.5	40.2	60.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.69 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.21 min
 Lab File: BF093035.D
 Acq: 20 Feb 2017 18:25

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.8	40.2	60.4#
89	1.5	62.5	93.7#
182	0.0	1.8	2.8#

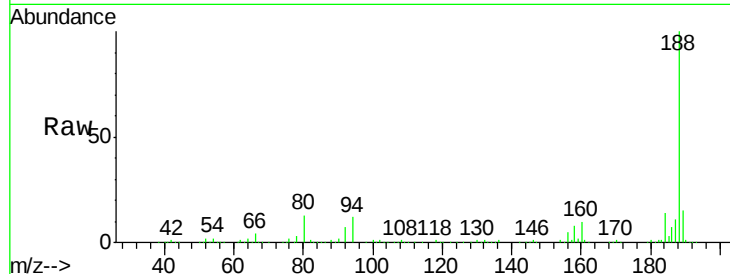




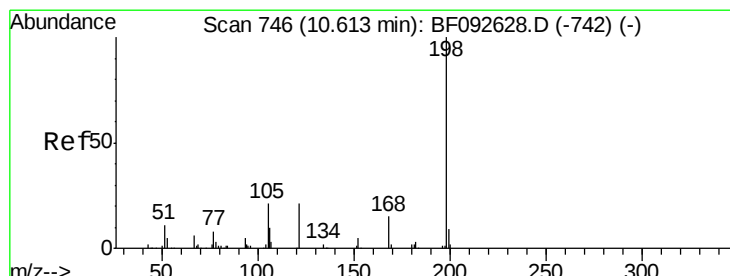
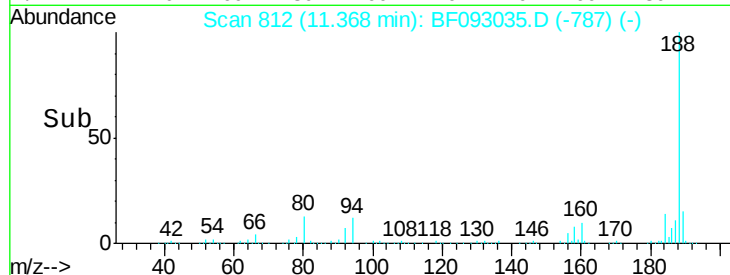
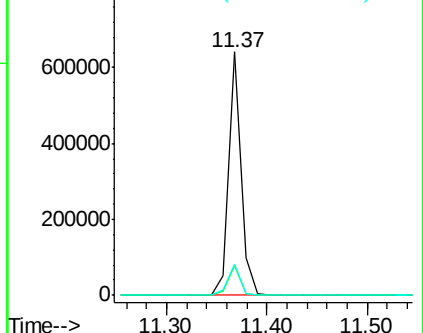
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.37 min Scan# 812
Delta R.T. -0.01 min
Lab File: BF093035.D
Acq: 20 Feb 2017 18:25

Instrument :
BNA_F
ClientSampleId :
PB97034TB

Tgt Ion:188 Resp: 550252
Ion Ratio Lower Upper
188 100
94 12.1 10.0 15.0
80 12.8 11.2 16.8

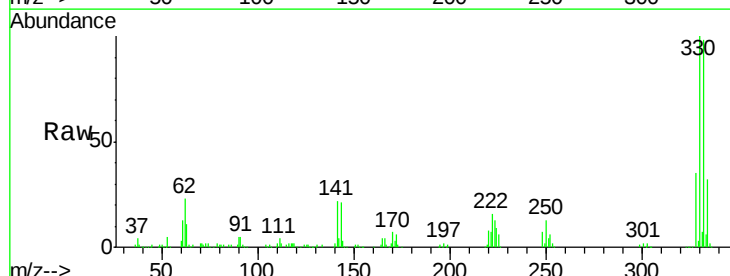


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

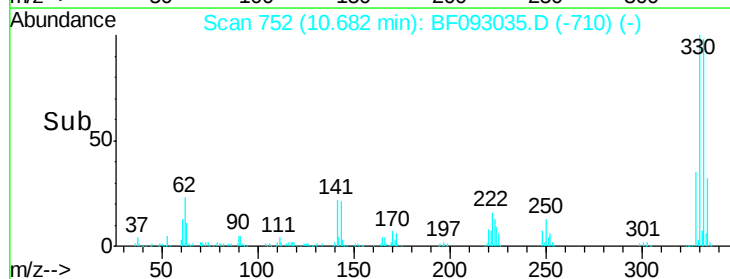
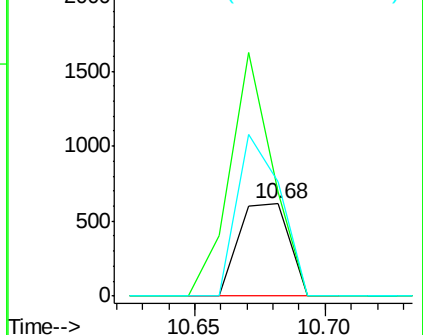


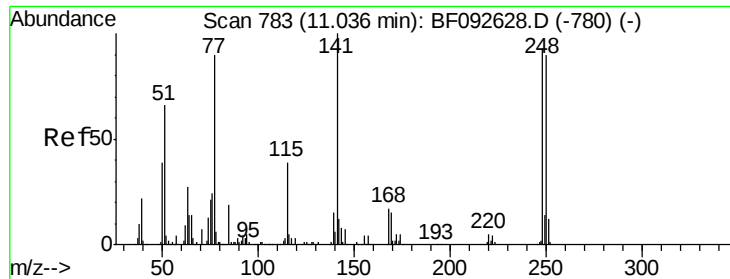
#64
4,6-Dinitro-2-methylphenol
Concen: 2.90 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.18 min
Lab File: BF093035.D
Acq: 20 Feb 2017 18:25

Tgt Ion:198 Resp: 835
Ion Ratio Lower Upper
198 100
51 112.2 6.7 46.7#
105 124.1 16.6 56.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

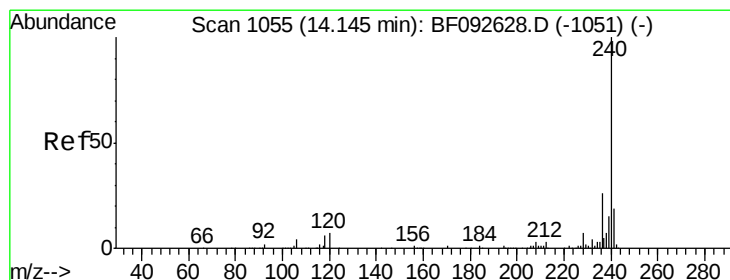
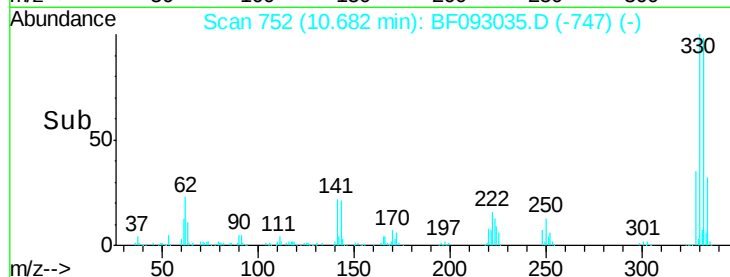
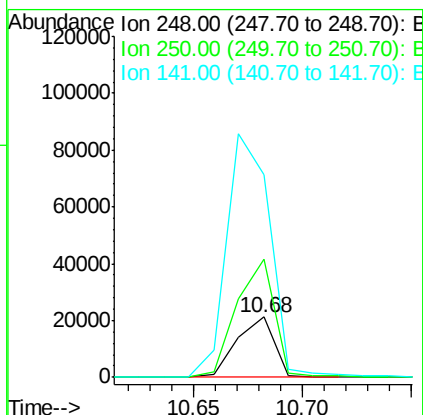
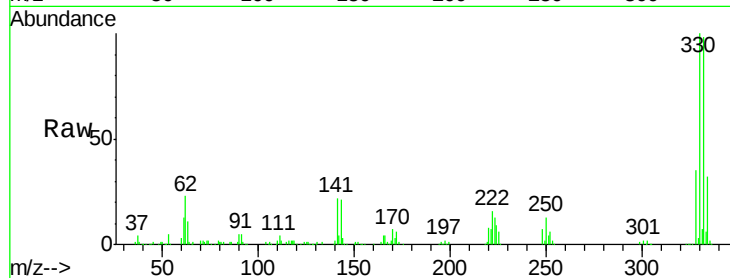




#66
 4-Bromophenyl-phenylether
 Concen: 4.42 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.24 min
 Lab File: BF093035.D
 Acq: 20 Feb 2017 18:25

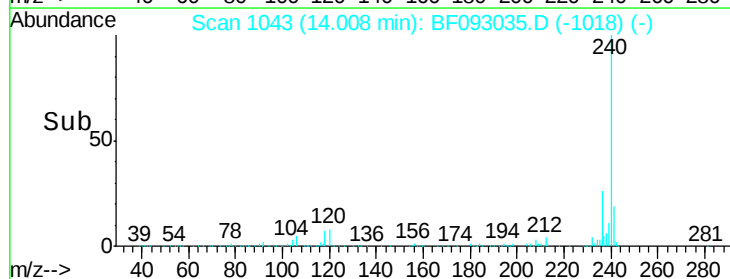
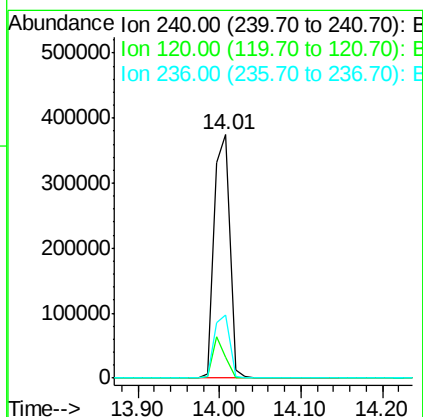
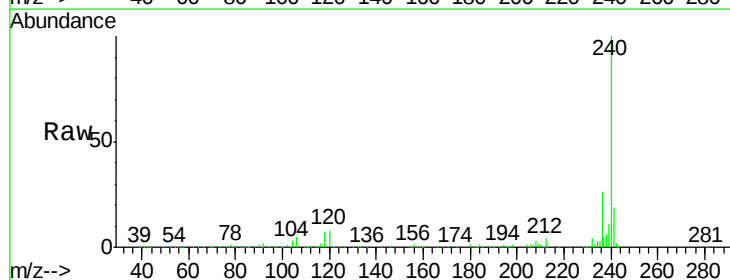
Instrument :
 BNA_F
 ClientSampleId :
 PB97034TB

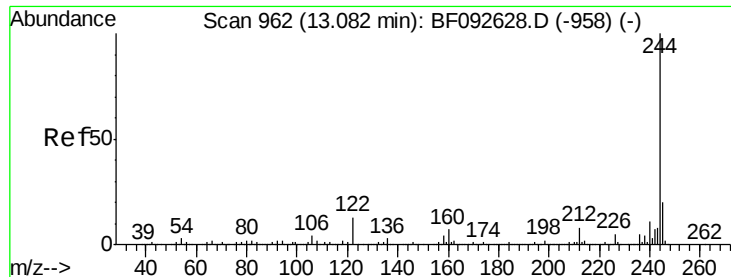
Tgt Ion:248 Resp: 25432
 Ion Ratio Lower Upper
 248 100
 250 195.3 76.9 115.3#
 141 335.0 68.2 102.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.01 min Scan# 1043
 Delta R.T. -0.01 min
 Lab File: BF093035.D
 Acq: 20 Feb 2017 18:25

Tgt Ion:240 Resp: 502790
 Ion Ratio Lower Upper
 240 100
 120 8.4 12.9 19.3#
 236 25.8 20.9 31.3

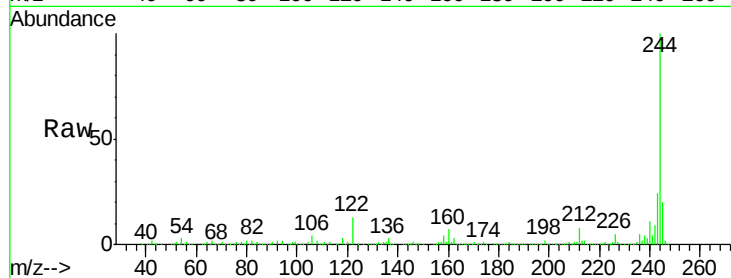




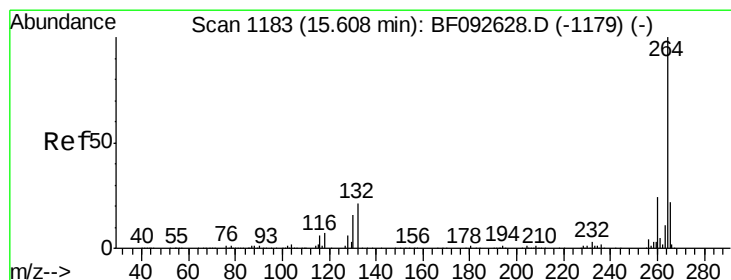
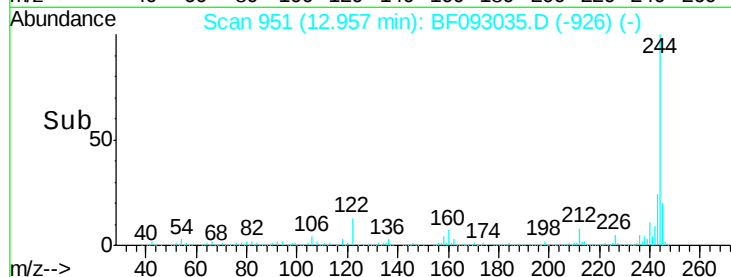
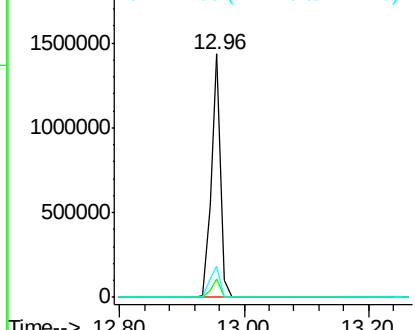
#78
 Terphenyl-d14
 Concen: 67.53 ng
 RT: 12.96 min Scan# 951
 Delta R.T. -0.01 min
 Lab File: BF093035.D
 Acq: 20 Feb 2017 18:25

Instrument :
 BNA_F
 ClientSampleId :
 PB97034TB

Tgt Ion:244 Resp: 1445114
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 12.5 11.4 17.2

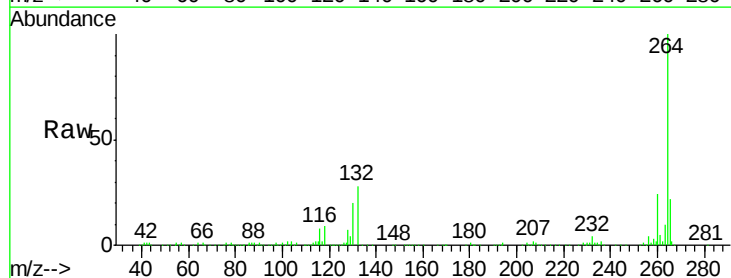


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.43 min Scan# 1167
 Delta R.T. -0.02 min
 Lab File: BF093035.D
 Acq: 20 Feb 2017 18:25

Tgt Ion:264 Resp: 386376
 Ion Ratio Lower Upper
 264 100
 260 24.1 19.2 28.8
 265 22.3 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

