

Data File : BF093045.D
Acq On : 20 Feb 2017 22:59
Operator : SJ/MA
Sample : I1878-08
Misc :
ALS Vial : 17 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
B1-5

Quant Time: Feb 20 23:46:18 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	147792	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	589225	20.00	ng	-0.01
38) Acenaphthene-d10	9.89	164	284238	20.00	ng	0.00
63) Phenanthrene-d10	11.37	188	522620	20.00	ng	-0.01
75) Chrysene-d12	14.01	240	450075	20.00	ng	-0.01
86) Perylene-d12	15.44	264	320611	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.45	112	1087747	126.27	ng	0.00
7) Phenol-d6	6.49	99	1245005	112.32	ng	0.00
23) Nitrobenzene-d5	7.41	82	904960	85.53	ng	-0.01
41) 2,4,6-Tribromophenol	10.68	330	336203	163.54	ng	0.00
44) 2-Fluorobiphenyl	9.22	172	1762796	112.36	ng	0.00
78) Terphenyl-d14	12.96	244	1431568	74.74	ng	-0.01

Target Compounds						Qvalue
15) Benzyl Alcohol	7.00	79	16986	2.07	ng	# 40
19) n-Nitroso-di-n-propylamine	7.41	70	119498	16.94	ng	# 82
25) Isophorone	7.41	82	736040	37.33	ng	# 65
32) Benzoic acid	8.04	122	209	7.20	ng	92
50) 2,6-Dinitrotoluene	9.88	165	37255	9.01	ng	# 32
53) 2,4-Dinitrophenol	9.97	184	545	4.98	ng	# 30
56) 2,4-Dinitrotoluene	9.88	165	37257	6.77	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.68	198	1001	2.97	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	25864	4.74	ng	# 1

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

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B1-5

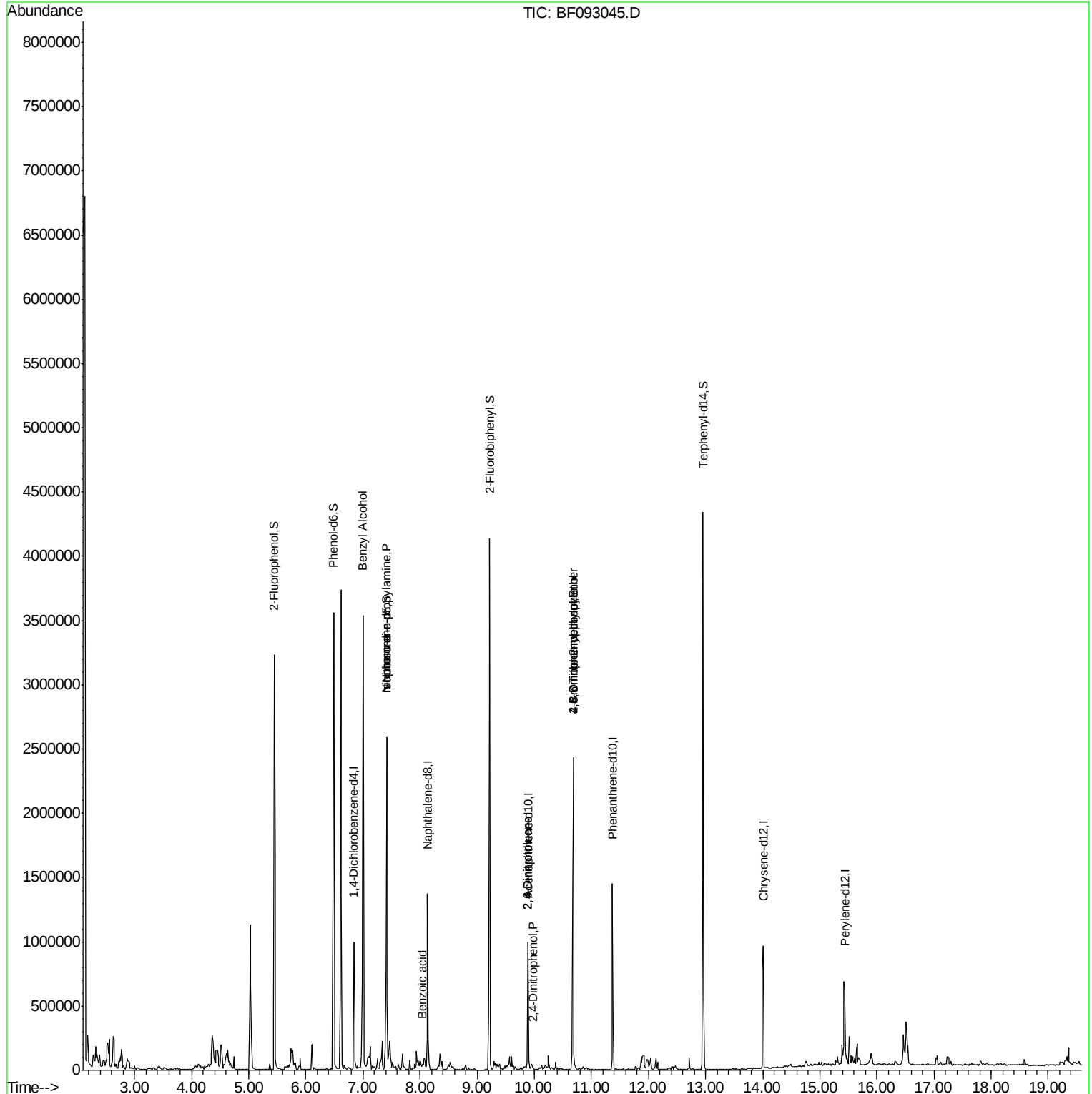
Quant Time: Feb 20 23:46:18 2017

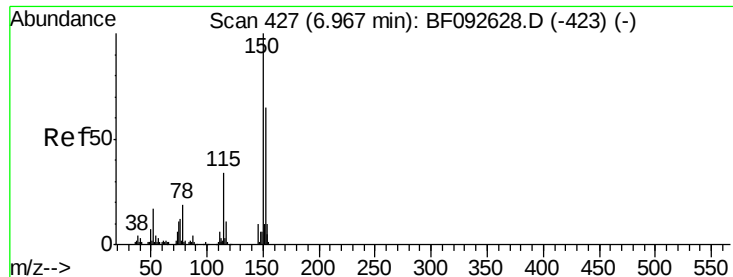
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

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

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Instrument :

BNA_F

ClientSampleId :

B1-5

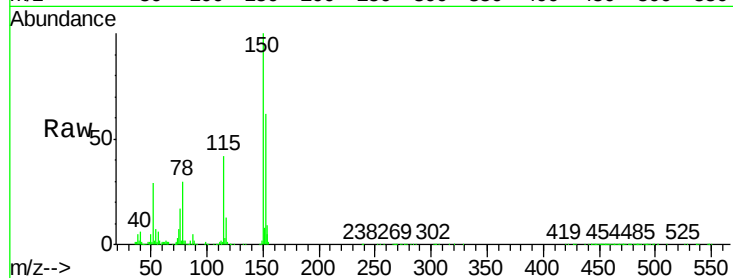
Tgt Ion:152 Resp: 147792

Ion Ratio Lower Upper

152 100

150 160.4 124.9 187.3

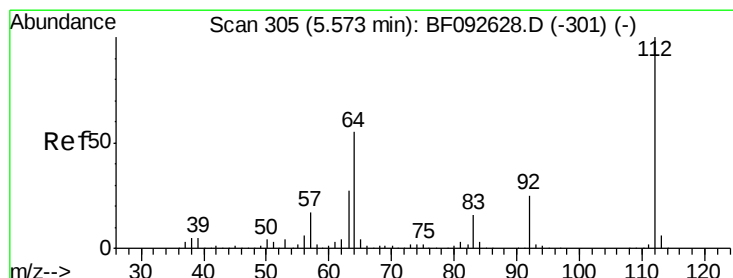
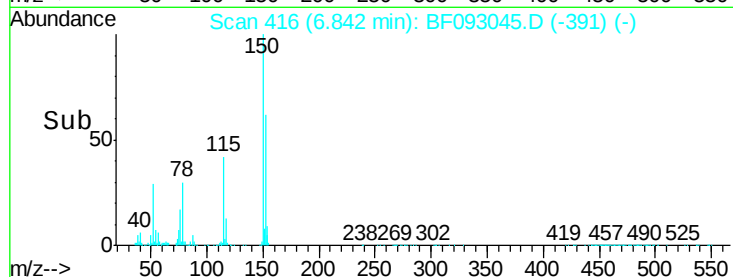
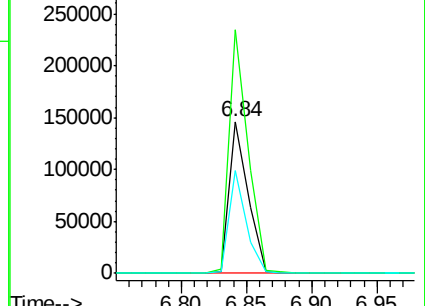
115 67.3 46.0 69.0



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: 126.27 ng

RT: 5.45 min Scan# 294

Delta R.T. -0.00 min

Lab File: BF093045.D

Acq: 20 Feb 2017 22:59

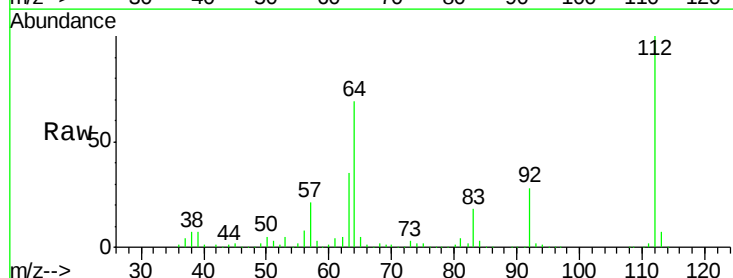
Tgt Ion:112 Resp: 1087747

Ion Ratio Lower Upper

112 100

64 68.7 46.1 69.1

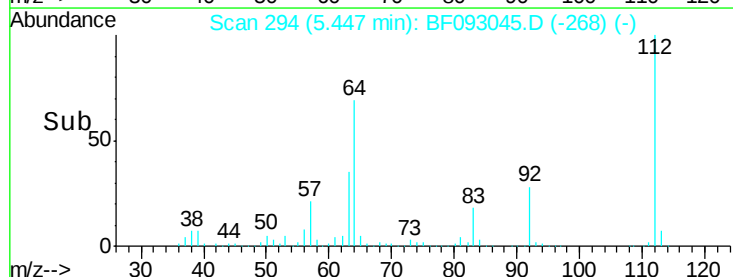
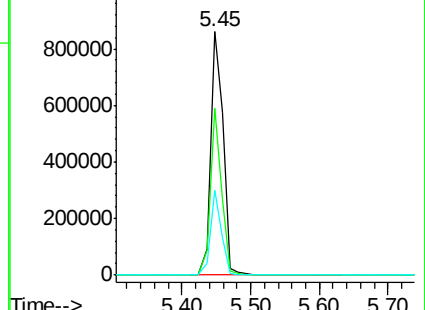
63 34.8 23.8 35.6



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: 112.32 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.00 min

Lab File: BF093045.D

Acq: 20 Feb 2017 22:59

Instrument :

BNA_F

ClientSampleId :

B1-5

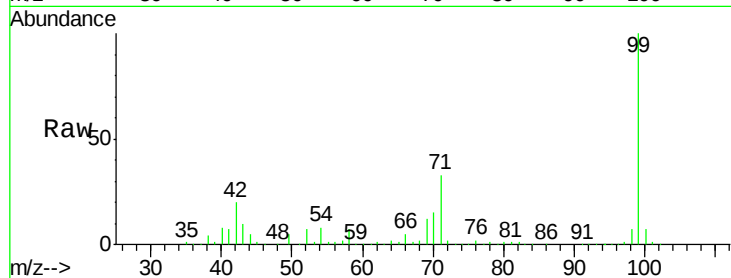
Tgt Ion: 99 Resp: 1245005

Ion Ratio Lower Upper

99 100

42 19.9 15.6 23.4

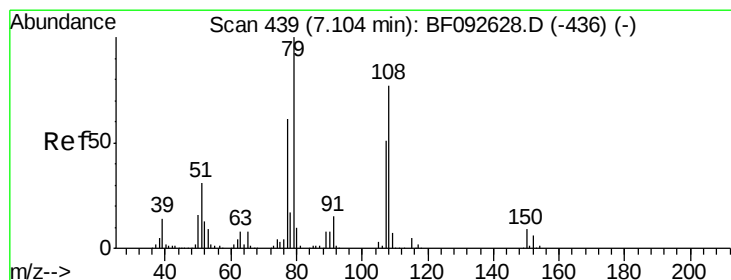
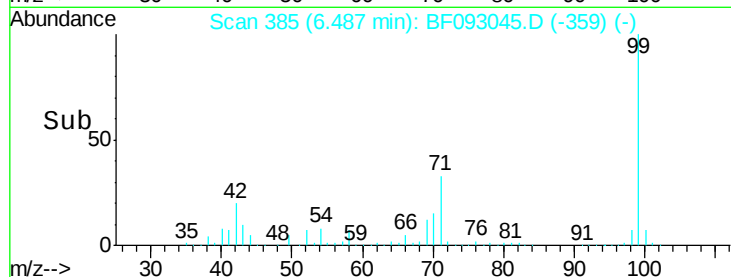
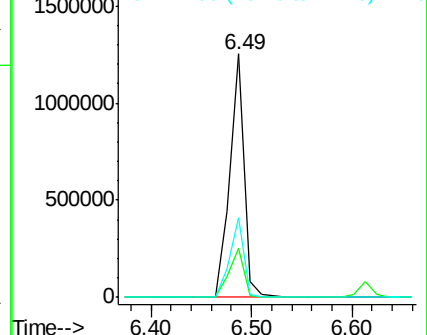
71 32.8 27.5 41.3



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



#15

Benzyl Alcohol

Concen: 2.07 ng

RT: 7.00 min Scan# 430

Delta R.T. -0.00 min

Lab File: BF093045.D

Acq: 20 Feb 2017 22:59

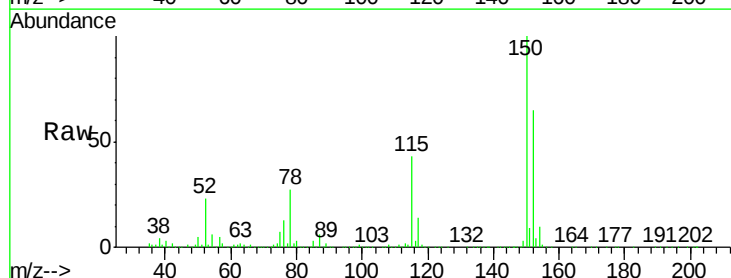
Tgt Ion: 79 Resp: 16986

Ion Ratio Lower Upper

79 100

108 26.1 61.4 92.0#

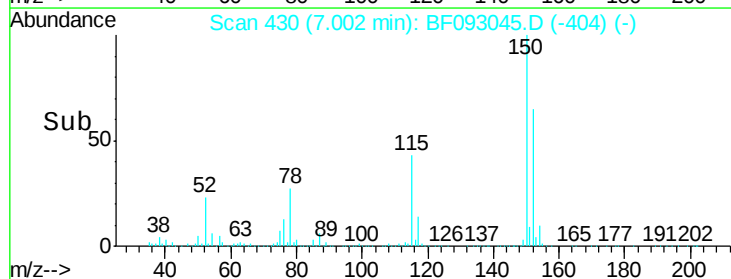
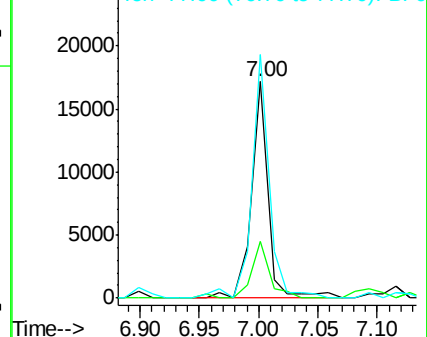
77 112.4 50.9 76.3#

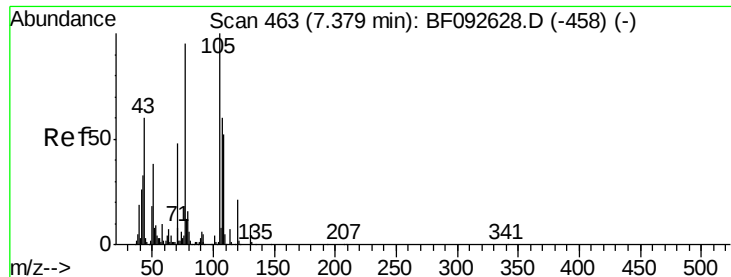


Abundance Ion 79.00 (78.70 to 79.70): BF0

Ion 108.00 (107.70 to 108.70): BF0

Ion 77.00 (76.70 to 77.70): BF0

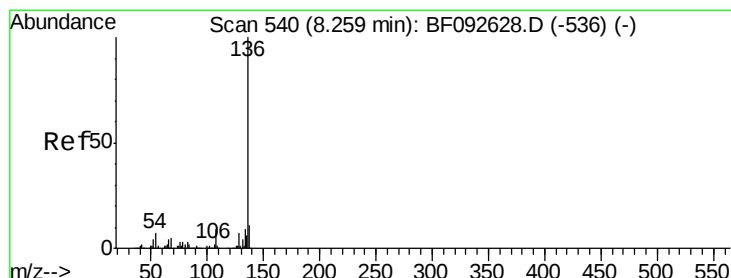
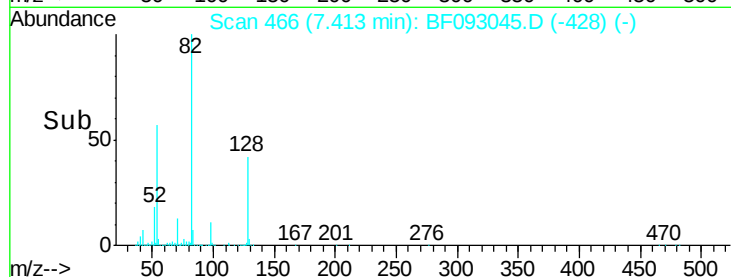
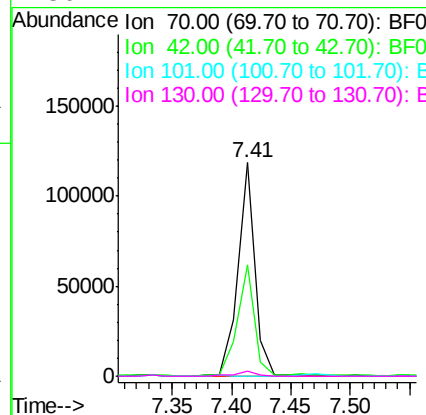
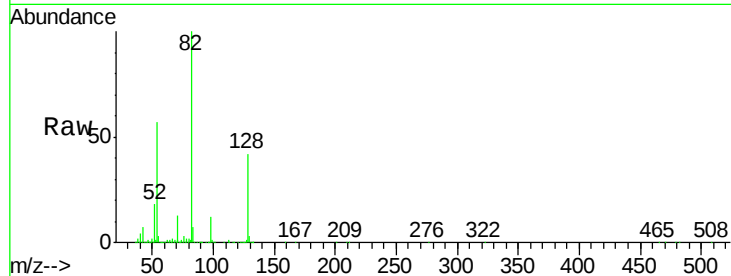




#19
n-Nitroso-di-n-propylamine
Concen: 16.94 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF093045.D
Acq: 20 Feb 2017 22:59

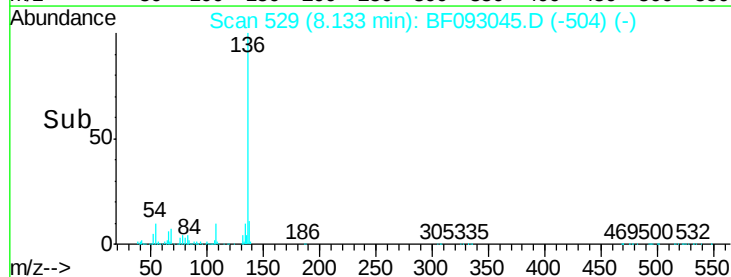
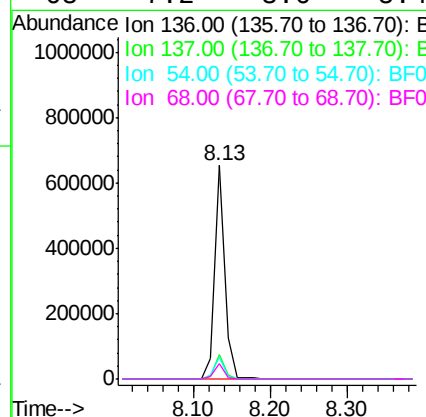
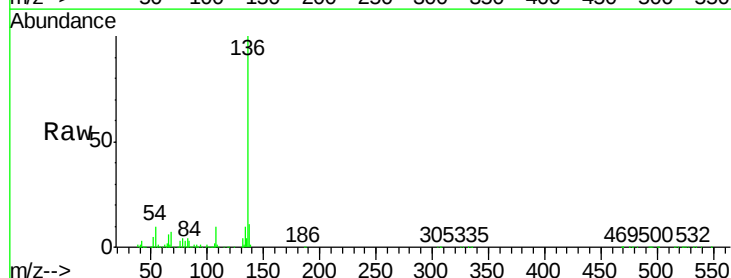
Instrument :
BNA_F
ClientSampleId :
B1-5

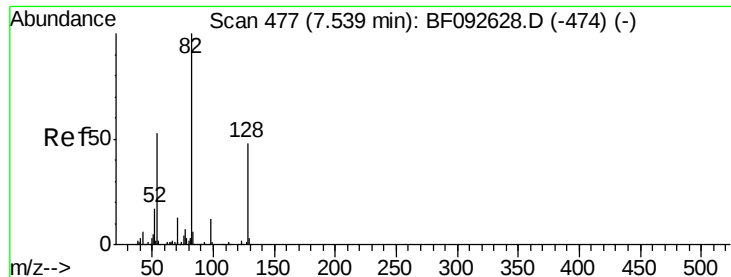
Tgt Ion: 70 Resp: 119498
Ion Ratio Lower Upper
70 100
42 52.3 49.4 74.0
101 0.3 7.4 11.2#
130 2.4 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093045.D
Acq: 20 Feb 2017 22:59

Tgt Ion: 136 Resp: 589225
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 10.4 4.5 6.7#
68 7.2 3.6 5.4#

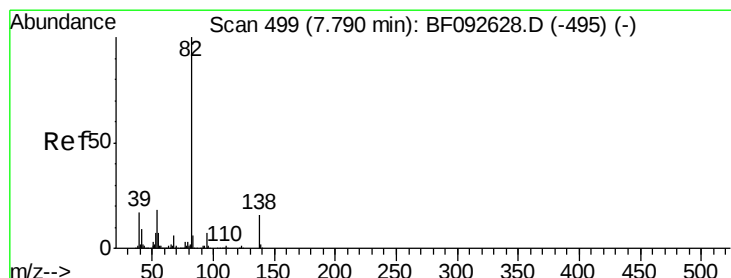
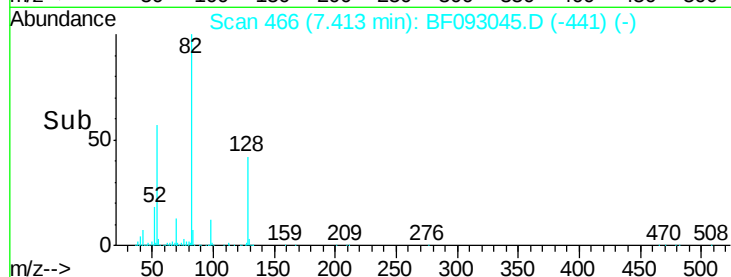
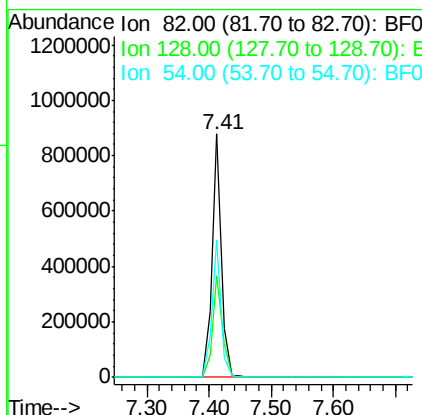
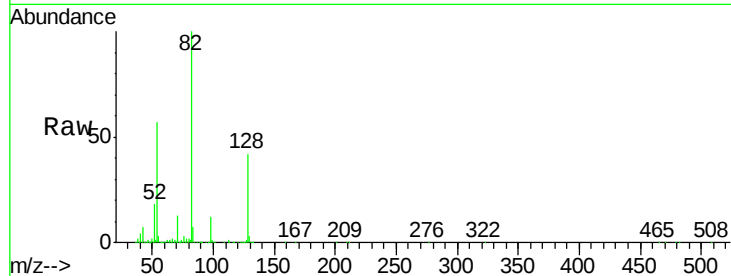




#23
 Nitrobenzene-d5
 Concen: 85.53 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093045.D
 Acq: 20 Feb 2017 22:59

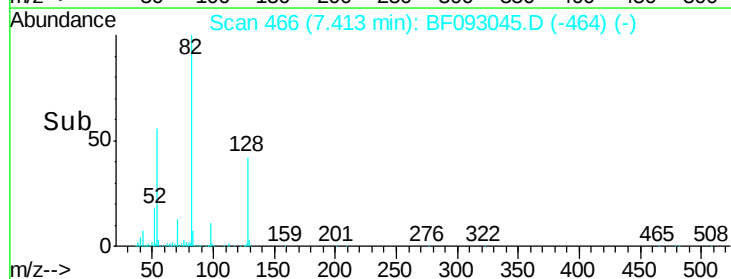
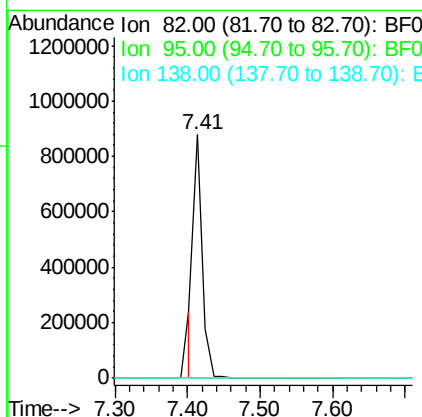
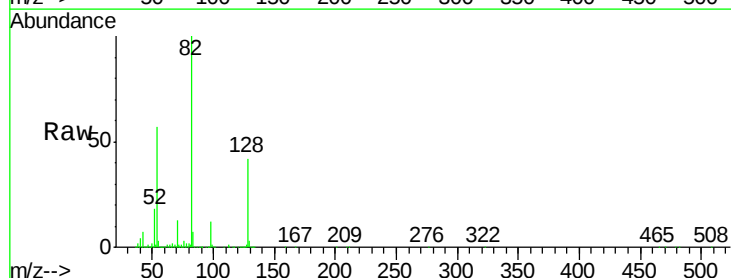
Instrument :
 BNA_F
 ClientSampled :
 B1-5

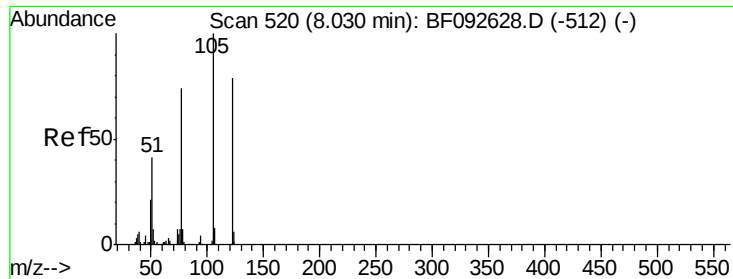
Tgt Ion: 82 Resp: 904960
 Ion Ratio Lower Upper
 82 100
 128 41.7 34.6 52.0
 54 56.5 39.5 59.3



#25
 Isophorone
 Concen: 37.33 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.27 min
 Lab File: BF093045.D
 Acq: 20 Feb 2017 22:59

Tgt Ion: 82 Resp: 736040
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.6 8.4#
 138 0.0 14.6 22.0#

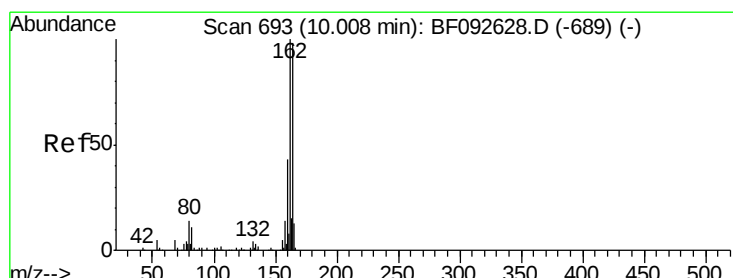
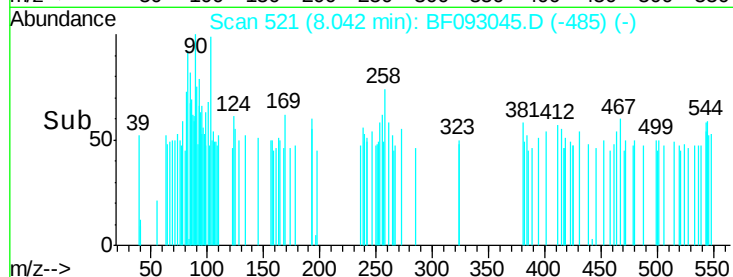
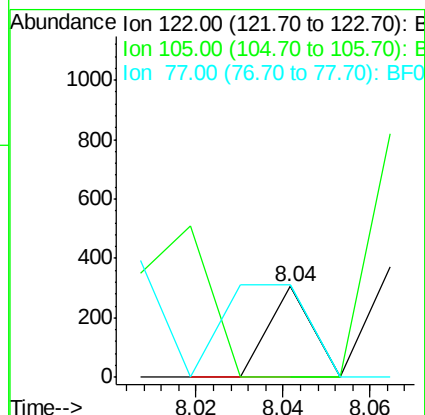
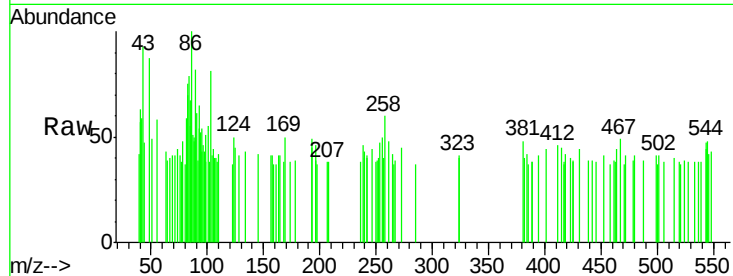




#32
Benzoic acid
Concen: 7.20 ng
RT: 8.04 min Scan# 521
Delta R.T. 0.11 min
Lab File: BF093045.D
Acq: 20 Feb 2017 22:59

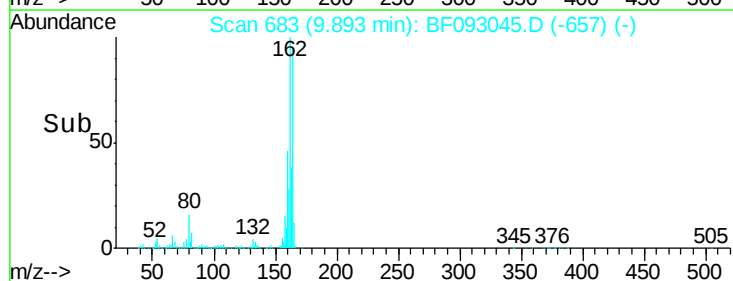
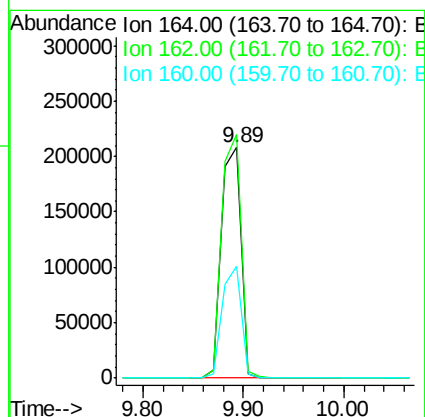
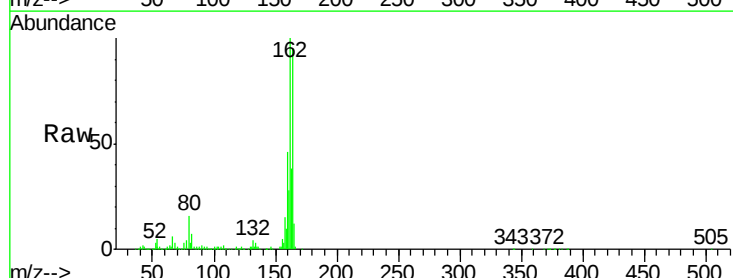
Instrument :
BNA_F
ClientSampleId :
B1-5

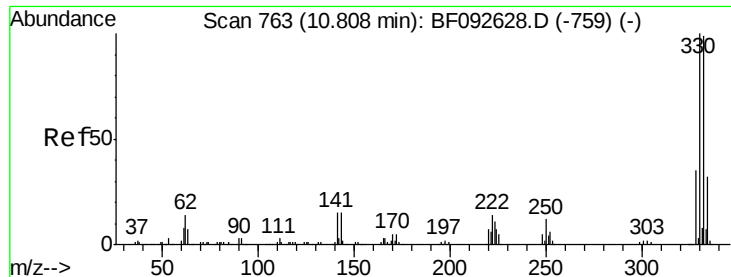
Tgt Ion:122 Resp: 209
Ion Ratio Lower Upper
122 100
105 118.4 107.2 147.2
77 101.6 74.5 114.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.89 min Scan# 683
Delta R.T. -0.00 min
Lab File: BF093045.D
Acq: 20 Feb 2017 22:59

Tgt Ion:164 Resp: 284238
Ion Ratio Lower Upper
164 100
162 105.5 80.2 120.2
160 48.4 36.9 55.3

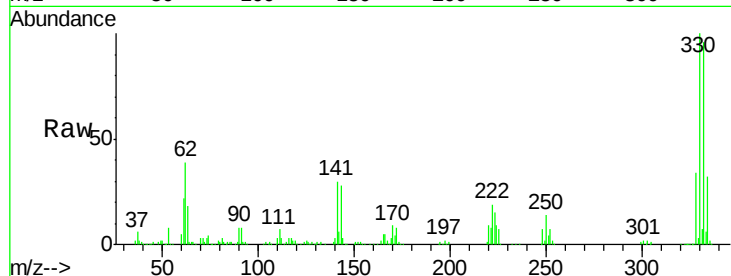




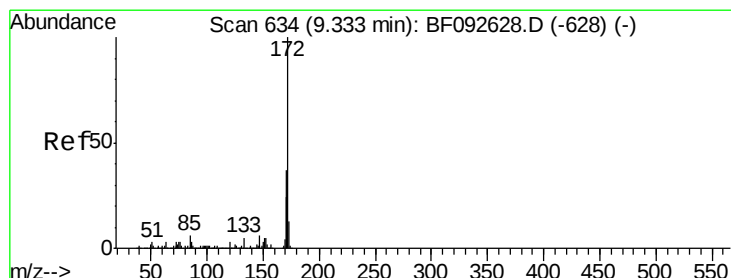
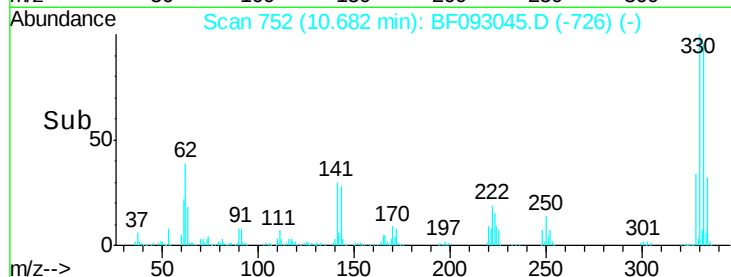
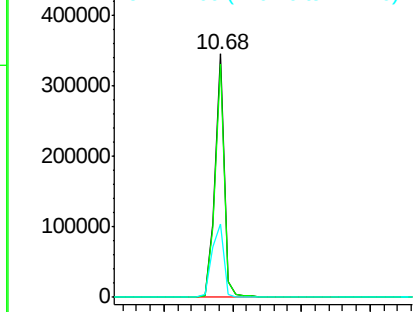
#41
 2,4,6-Tribromophenol
 Concen: 163.54 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.00 min
 Lab File: BF093045.D
 Acq: 20 Feb 2017 22:59

Instrument :
 BNA_F
 ClientSampleId :
 B1-5

Tgt Ion:330 Resp: 336203
 Ion Ratio Lower Upper
 330 100
 332 95.4 77.4 116.2
 141 38.5 34.1 51.1

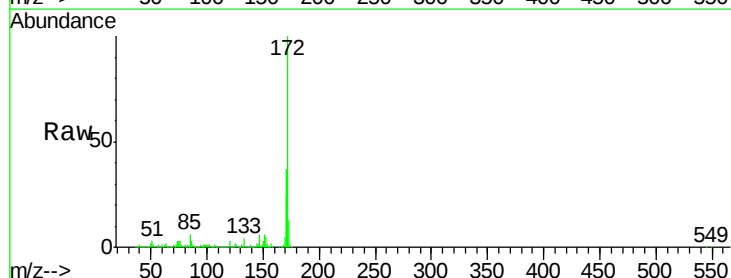


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

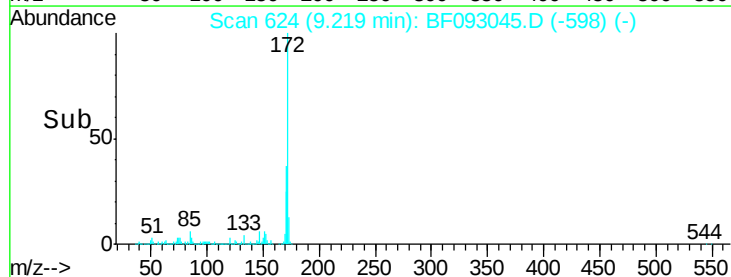
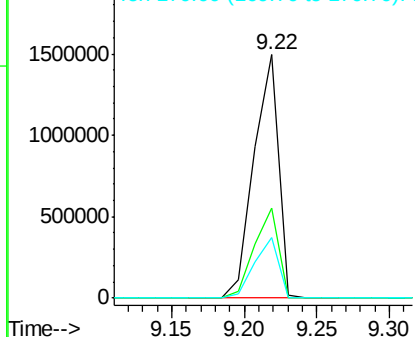


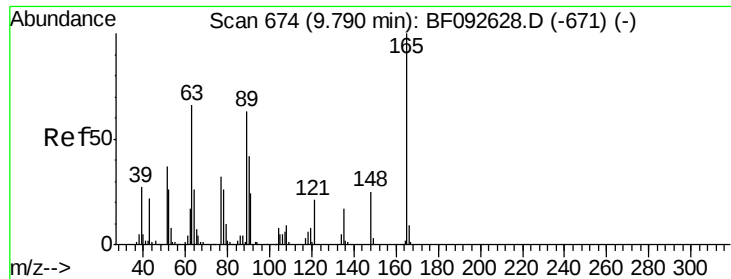
#44
 2-Fluorobiphenyl
 Concen: 112.36 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.00 min
 Lab File: BF093045.D
 Acq: 20 Feb 2017 22:59

Tgt Ion:172 Resp: 1762796
 Ion Ratio Lower Upper
 172 100
 171 36.8 29.4 44.0
 170 25.1 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

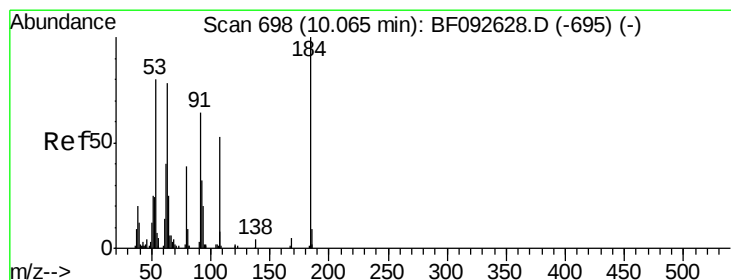
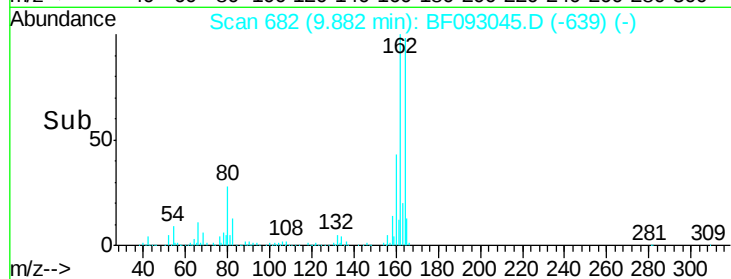
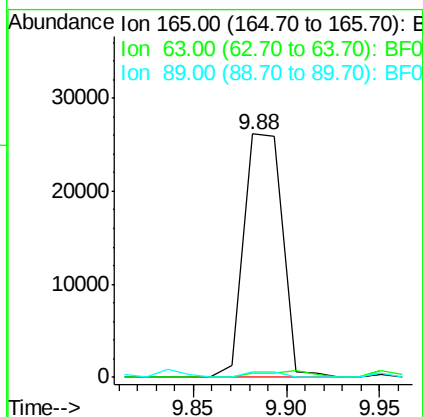
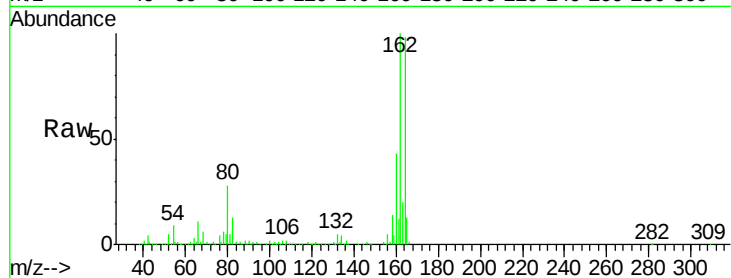




#50
 2,6-Dinitrotoluene
 Concen: 9.01 ng
 RT: 9.88 min Scan# 682
 Delta R.T. 0.19 min
 Lab File: BF093045.D
 Acq: 20 Feb 2017 22:59

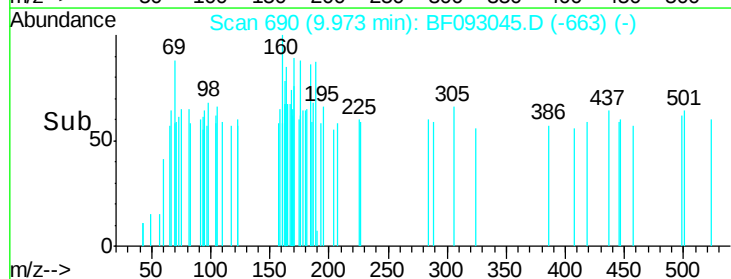
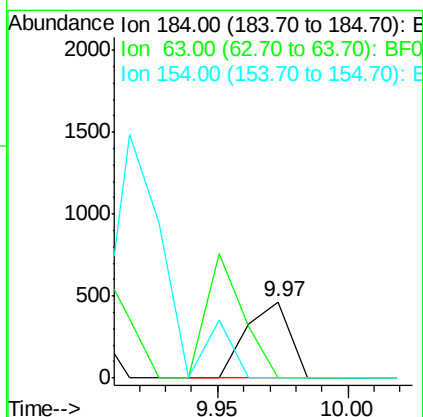
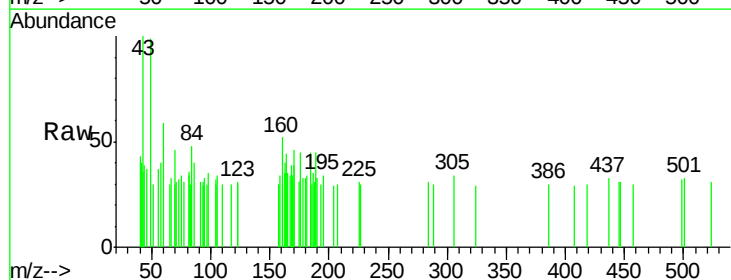
Instrument :
 BNA_F
 ClientSampleId :
 B1-5

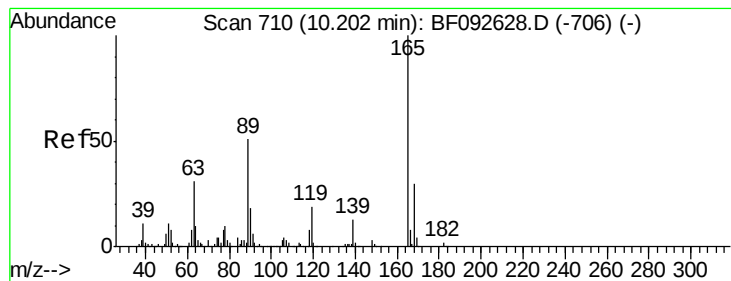
Tgt Ion:165 Resp: 37255
 Ion Ratio Lower Upper
 165 100
 63 1.7 36.2 54.4#
 89 2.2 40.2 60.4#



#53
 2,4-Dinitrophenol
 Concen: 4.98 ng
 RT: 9.97 min Scan# 690
 Delta R.T. 0.01 min
 Lab File: BF093045.D
 Acq: 20 Feb 2017 22:59

Tgt Ion:184 Resp: 545
 Ion Ratio Lower Upper
 184 100
 63 0.0 28.4 42.6#
 154 0.0 44.3 66.5#





#56

2,4-Dinitrotoluene

Concen: 6.77 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.21 min

Lab File: BF093045.D

Acq: 20 Feb 2017 22:59

Instrument :

BNA_F

ClientSampleId :

B1-5

Tgt Ion:165 Resp: 37257

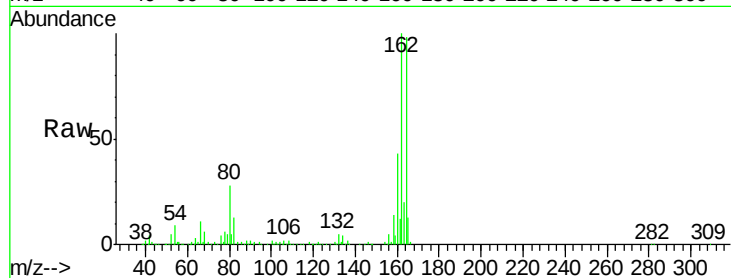
Ion Ratio Lower Upper

165 100

63 1.7 40.2 60.4#

89 2.2 62.5 93.7#

182 0.0 1.8 2.8#

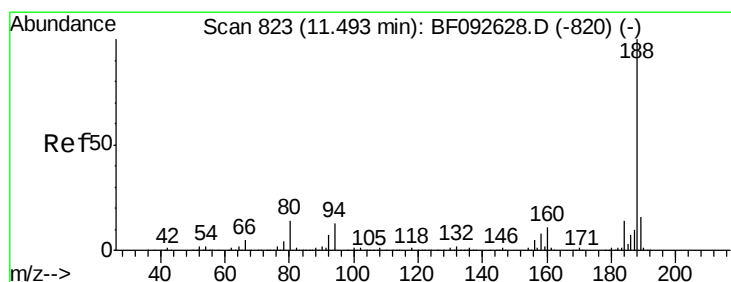
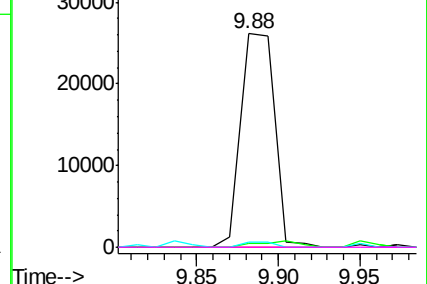
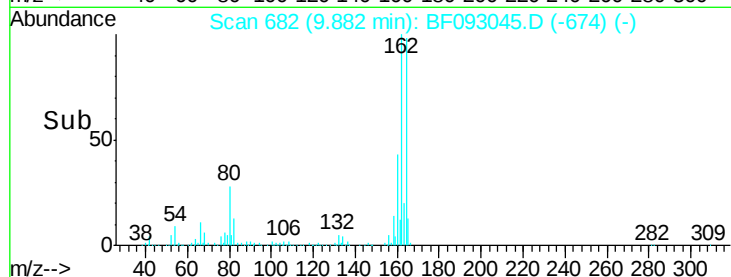


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.37 min Scan# 812

Delta R.T. -0.01 min

Lab File: BF093045.D

Acq: 20 Feb 2017 22:59

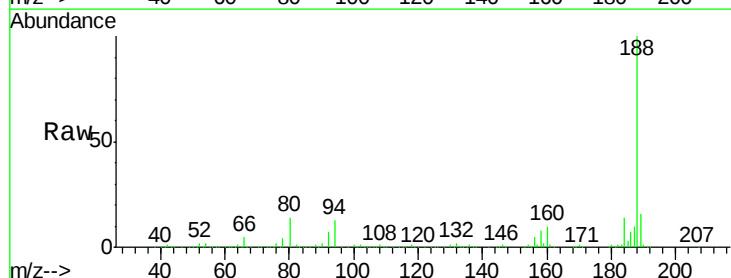
Tgt Ion:188 Resp: 522620

Ion Ratio Lower Upper

188 100

94 13.3 10.0 15.0

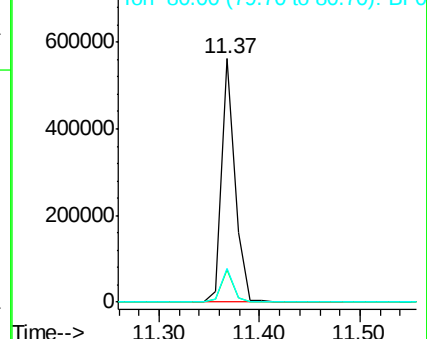
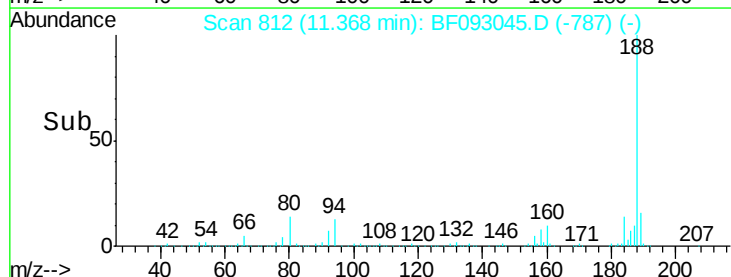
80 13.7 11.2 16.8

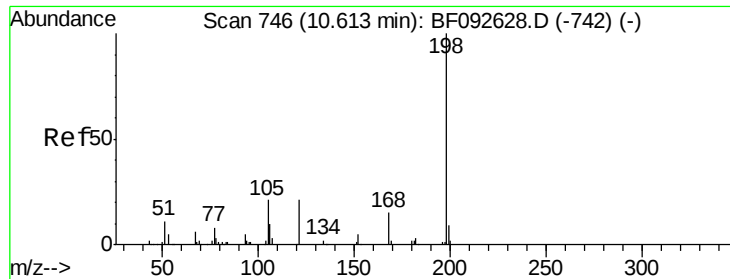


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

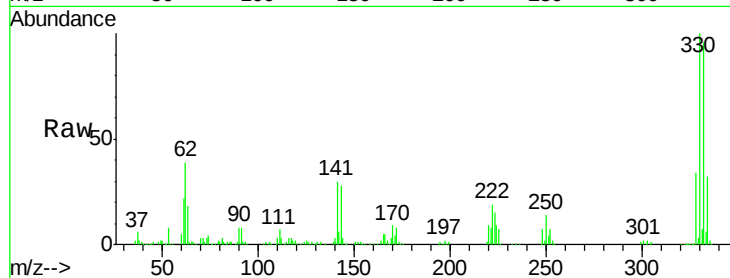




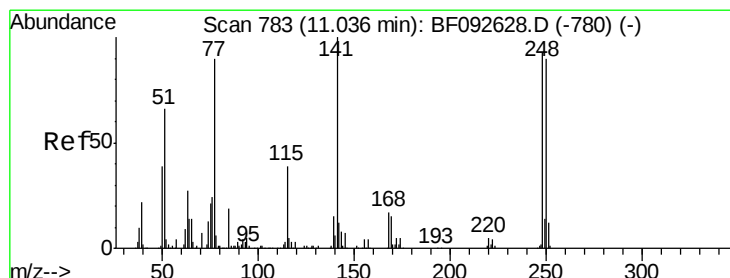
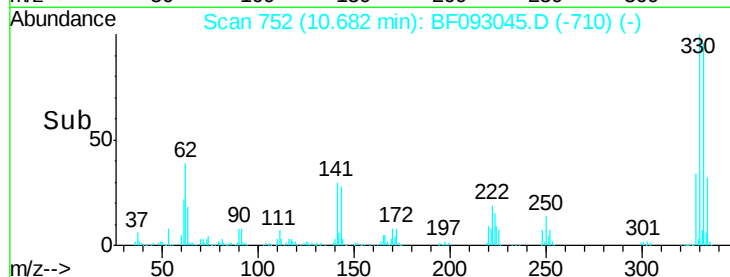
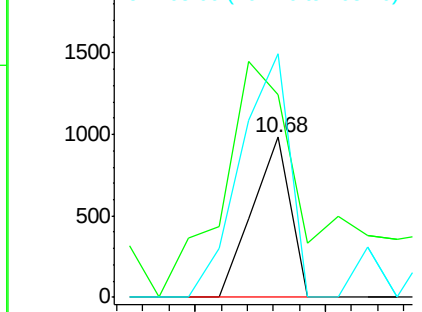
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.97 ng
 RT: 10.68 min Scan# 752
 Delta R.T. 0.18 min
 Lab File: BF093045.D
 Acq: 20 Feb 2017 22:59

Instrument :
 BNA_F
 ClientSampleId :
 B1-5

Tgt Ion:198 Resp: 1001
 Ion Ratio Lower Upper
 198 100
 51 126.6 6.7 46.7#
 105 152.2 16.6 56.6#

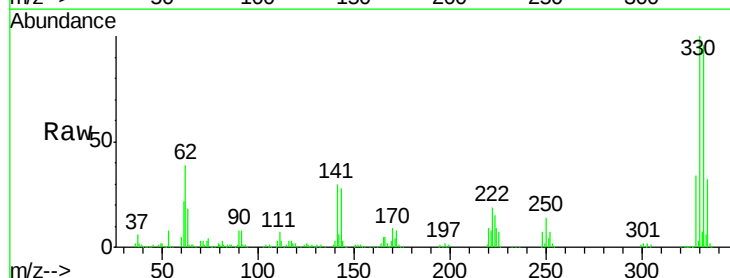


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BF0
 Ion 105.00 (104.70 to 105.70): E

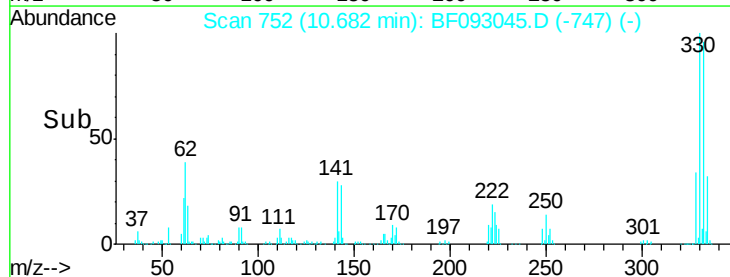
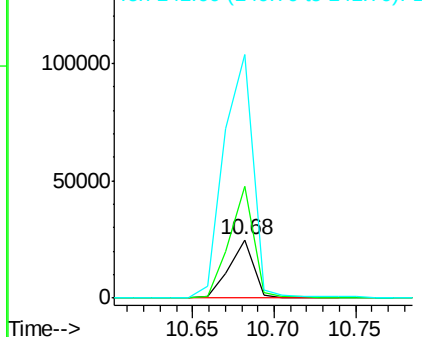


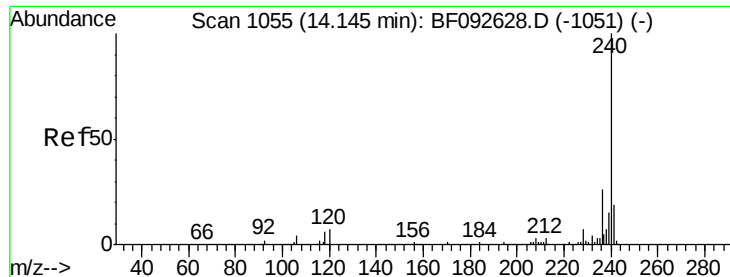
#66
 4-Bromophenyl-phenylether
 Concen: 4.74 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.24 min
 Lab File: BF093045.D
 Acq: 20 Feb 2017 22:59

Tgt Ion:248 Resp: 25864
 Ion Ratio Lower Upper
 248 100
 250 192.4 76.9 115.3#
 141 416.6 68.2 102.4#



Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.01 min Scan# 1043

Delta R.T. -0.01 min

Lab File: BF093045.D

Acq: 20 Feb 2017 22:59

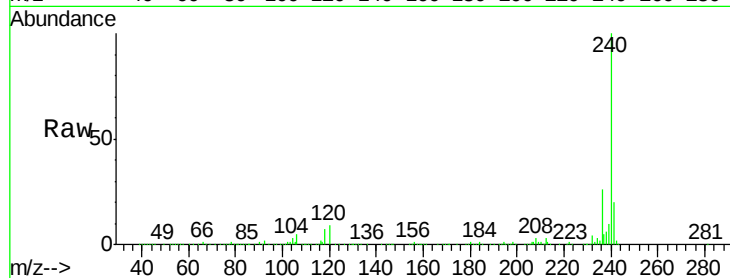
Instrument :

BNA_F

ClientSampled :

B1-5

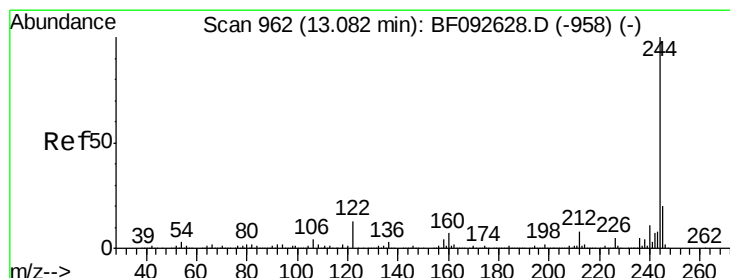
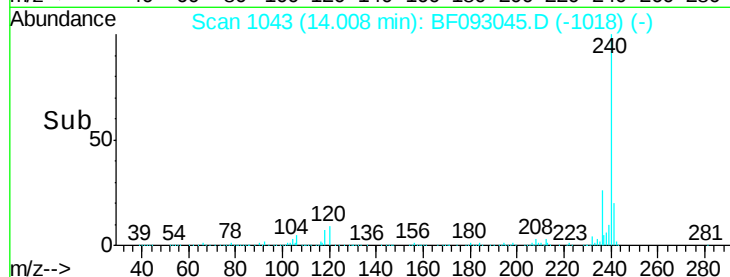
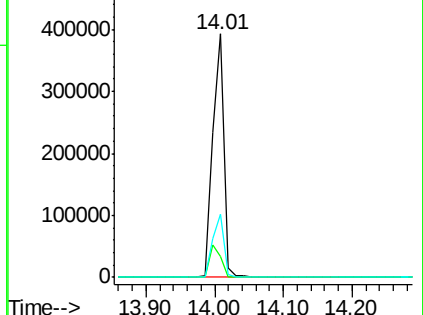
Tgt Ion:	240	Resp:	450075
Ion	Ratio	Lower	Upper
240	100		
120	8.6	12.9	19.3#
236	26.1	20.9	31.3



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: 74.74 ng

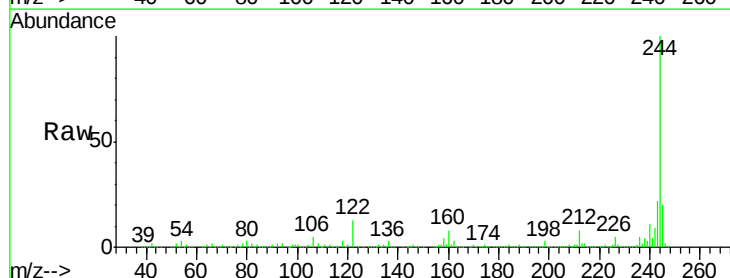
RT: 12.96 min Scan# 951

Delta R.T. -0.01 min

Lab File: BF093045.D

Acq: 20 Feb 2017 22:59

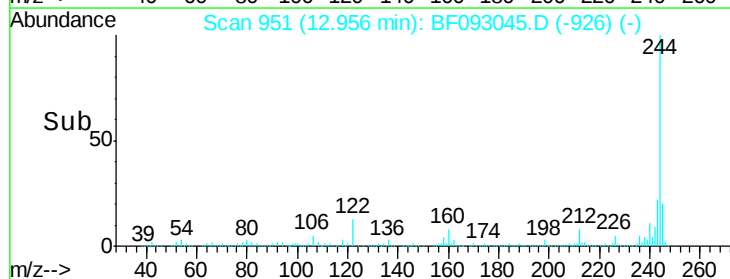
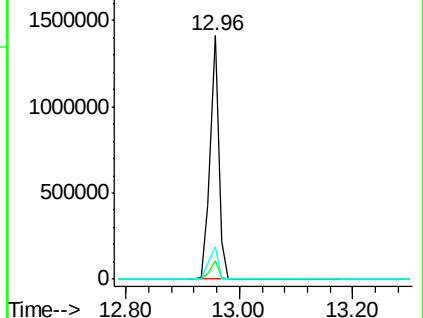
Tgt Ion:	244	Resp:	1431568
Ion	Ratio	Lower	Upper
244	100		
212	7.7	6.2	9.2
122	13.1	11.4	17.2

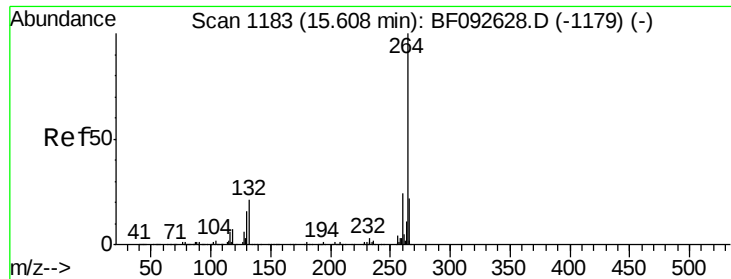


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

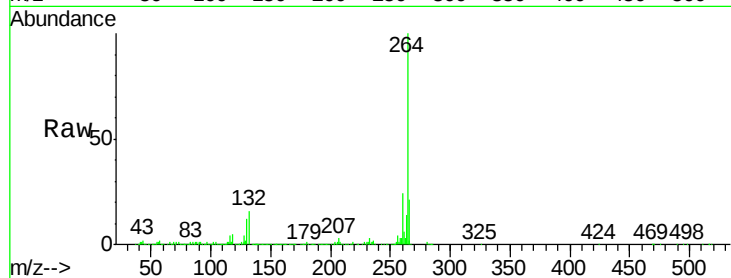




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.44 min Scan# 1168
Delta R.T. -0.01 min
Lab File: BF093045.D
Acq: 20 Feb 2017 22:59

Instrument :
BNA_F
ClientSampleId :
B1-5

Tgt Ion: 264 Resp: 320611
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 20.9 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

