

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF080116\
 Data File : BF089506.D
 Acq On : 1 Aug 2016 12:39
 Operator : UM/SJ
 Sample : PB92593BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92593BL

Quant Time: Aug 02 01:43:40 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 28 16:02:32 2016
 Response via : Initial Calibration

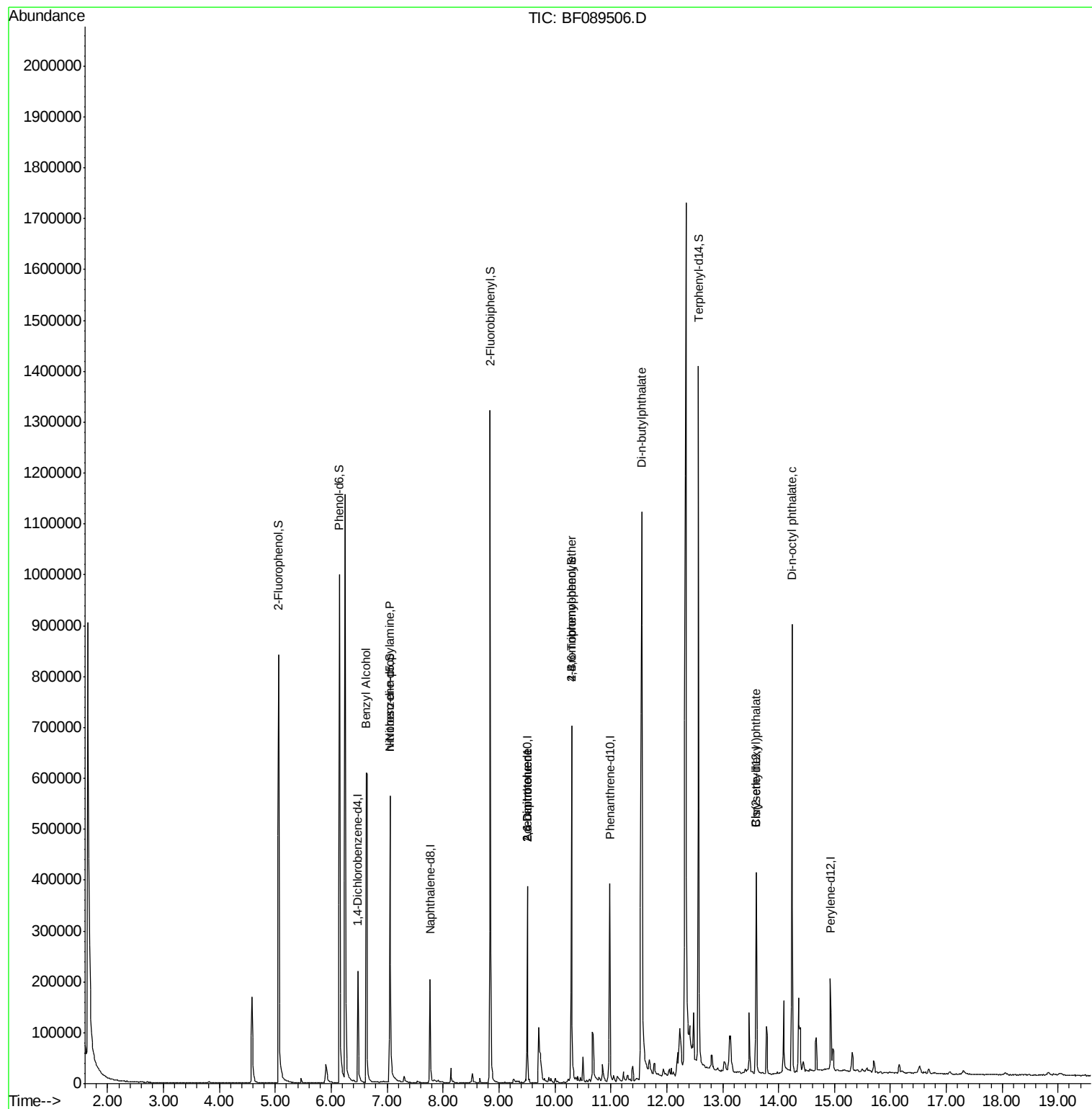
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.48	152	38264	20.00	ng	-0.07
21) Naphthalene-d8	7.77	136	153722	20.00	ng	-0.06
38) Acenaphthene-d10	9.51	164	75569	20.00	ng	-0.07
63) Phenanthrene-d10	10.98	188	153059	20.00	ng	-0.07
75) Chrysene-d12	13.60	240	121074	20.00	ng	-0.07
86) Perylene-d12	14.93	264	83966	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.06	112	339407	141.63	ng	-0.05
7) Phenol-d6	6.15	99	434486	137.19	ng	-0.06
23) Nitrobenzene-d5	7.05	82	254506	97.72	ng	-0.07
41) 2,4,6-Tribromophenol	10.30	330	71410	114.10	ng	-0.07
44) 2-Fluorobiphenyl	8.84	172	452514	87.88	ng	-0.07
78) Terphenyl-d14	12.57	244	435534	84.19	ng	-0.06
Target Compounds						
15) Benzyl Alcohol	6.63	79	3971	2.02	ng	# 48
19) n-Nitroso-di-n-propylamine	7.05	70	34096	17.85	ng	# 83
50) 2,6-Dinitrotoluene	9.51	165	9431	7.98	ng	# 24
56) 2,4-Dinitrotoluene	9.51	165	9431	6.06	ng	# 7
66) 4-Bromophenyl-phenylether	10.30	248	5589	3.82	ng	# 1
73) Di-n-butylphthalate	11.55	149	25489	2.57	ng	97
83) Bis(2-ethylhexyl)phthalate	13.60	149	17397	2.88	ng	# 94
84) Di-n-octyl phthalate	14.24	149	95225	10.12	ng	# 49

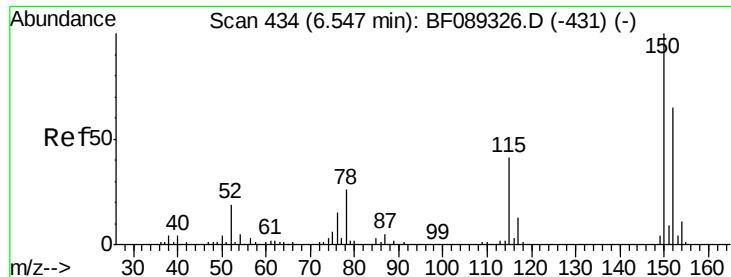
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.48 min Scan# 428

Delta R.T. -0.07 min

Lab File: BF089506.D

Acq: 1 Aug 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB92593BL

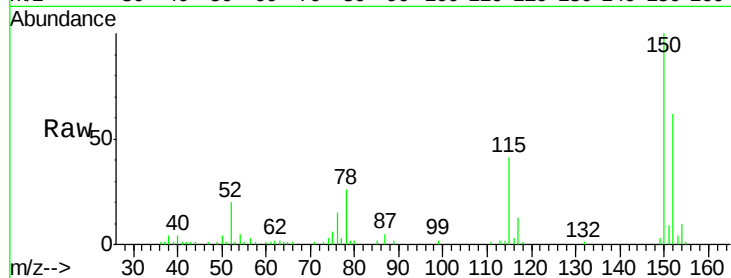
Tgt Ion:152 Resp: 38264

Ion Ratio Lower Upper

152 100

150 160.2 129.5 194.3

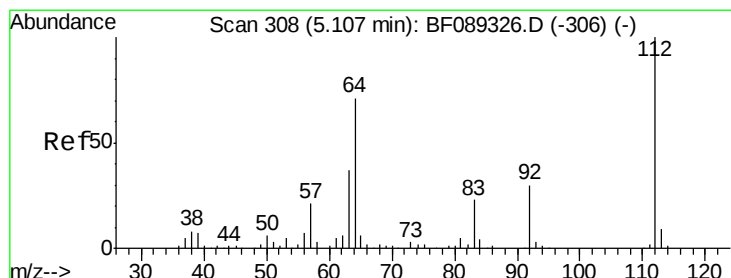
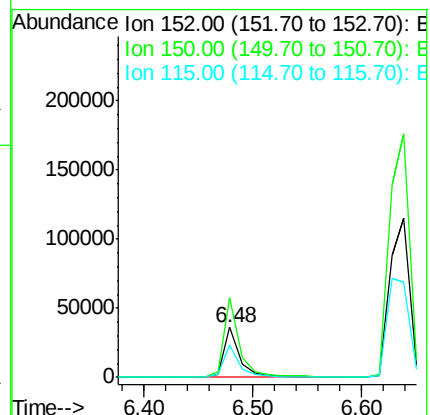
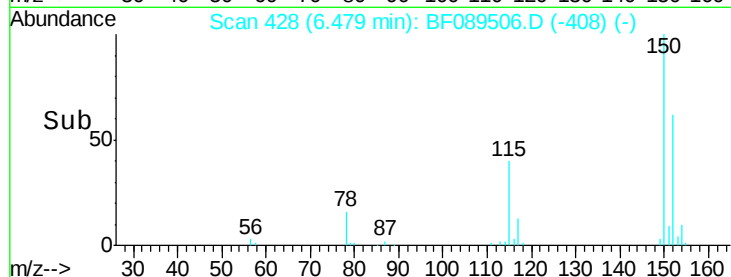
115 65.2 51.4 77.2



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: 141.63 ng

RT: 5.06 min Scan# 304

Delta R.T. -0.05 min

Lab File: BF089506.D

Acq: 1 Aug 2016 12:39

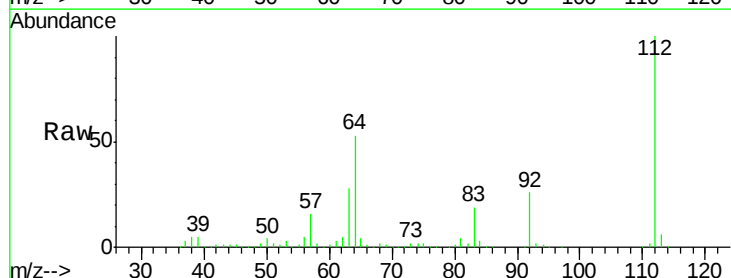
Tgt Ion:112 Resp: 339407

Ion Ratio Lower Upper

112 100

64 53.1 55.0 82.6#

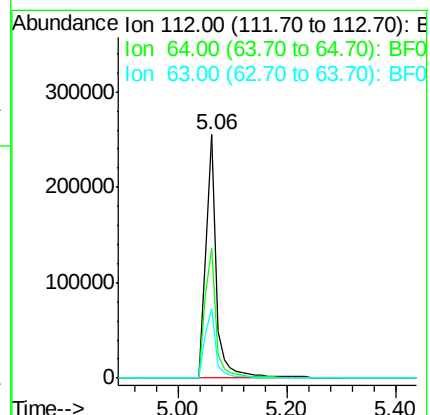
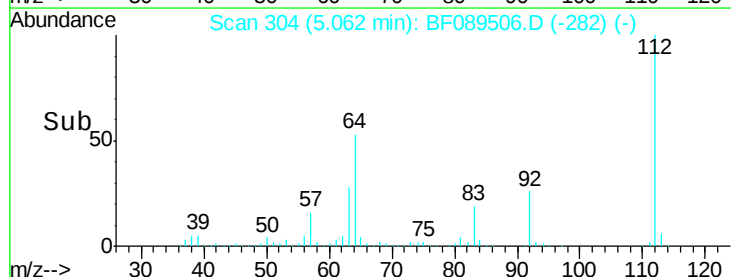
63 28.4 29.4 44.2#

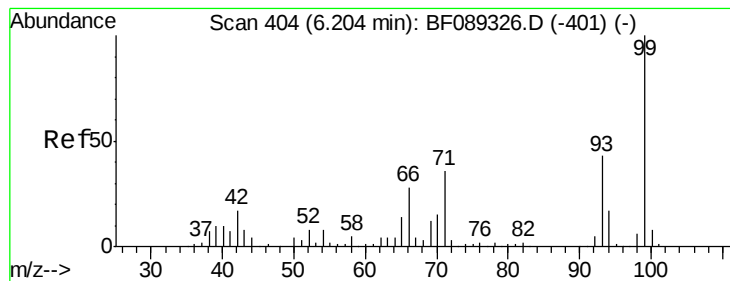


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 137.19 ng

RT: 6.15 min Scan# 399

Delta R.T. -0.06 min

Lab File: BF089506.D

Acq: 1 Aug 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB92593BL

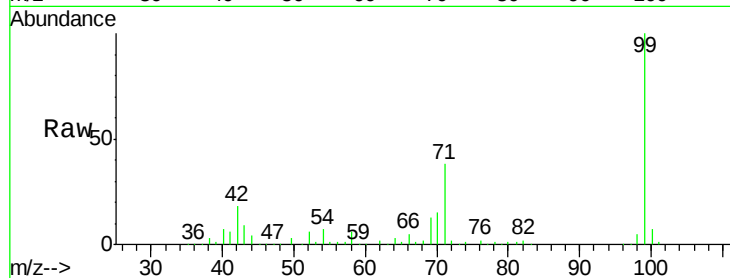
Tgt Ion: 99 Resp: 434486

Ion Ratio Lower Upper

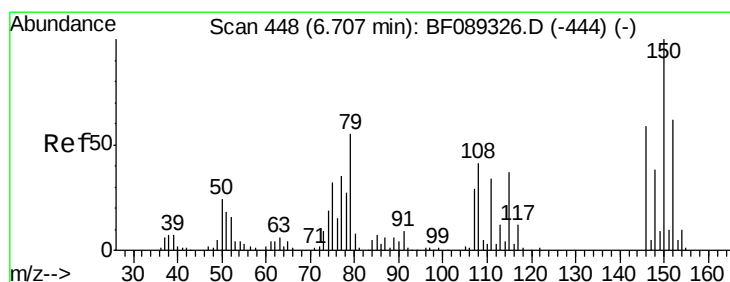
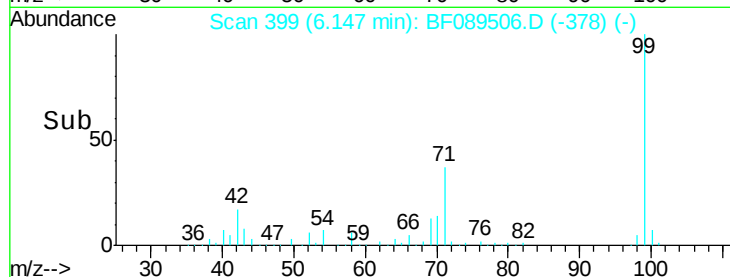
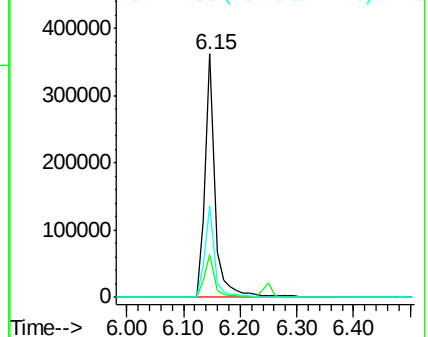
99 100

42 17.7 13.6 20.4

71 37.6 29.4 44.2



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: 2.02 ng

RT: 6.63 min Scan# 441

Delta R.T. -0.08 min

Lab File: BF089506.D

Acq: 1 Aug 2016 12:39

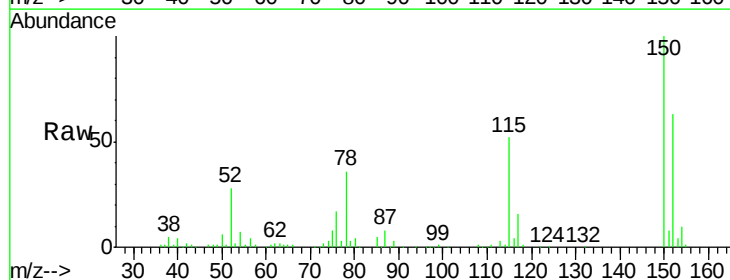
Tgt Ion: 79 Resp: 3971

Ion Ratio Lower Upper

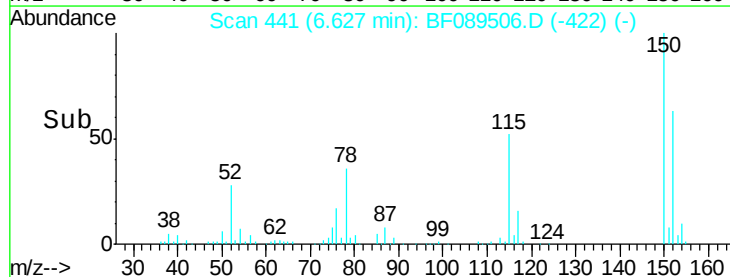
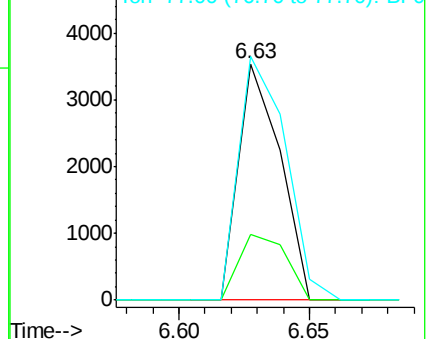
79 100

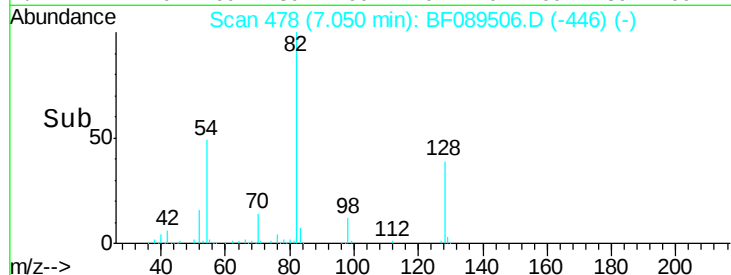
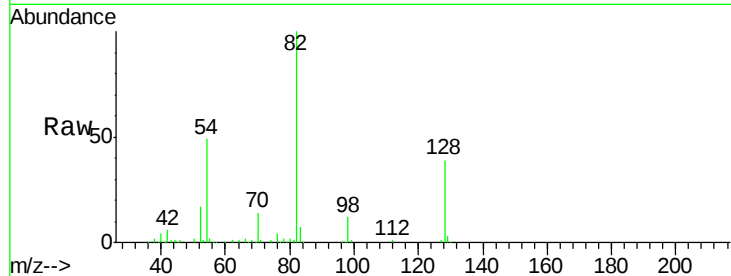
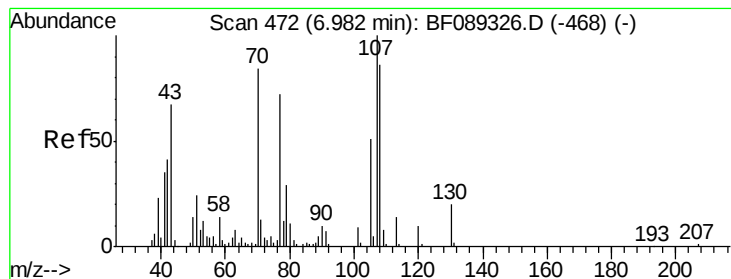
108 27.6 59.8 89.6#

77 103.0 51.7 77.5#



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: 17.85 ng

RT: 7.05 min Scan# 478

Delta R.T. 0.07 min

Lab File: BF089506.D

Acq: 1 Aug 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB92593BL

Tgt Ion: 70 Resp: 34096

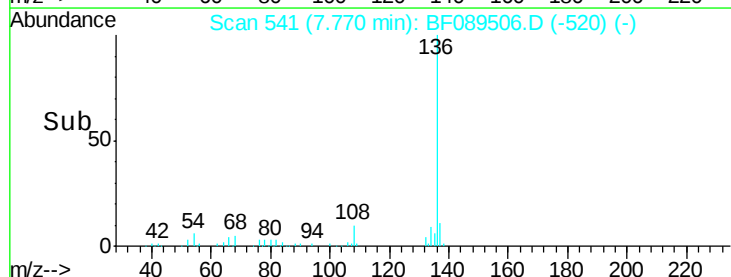
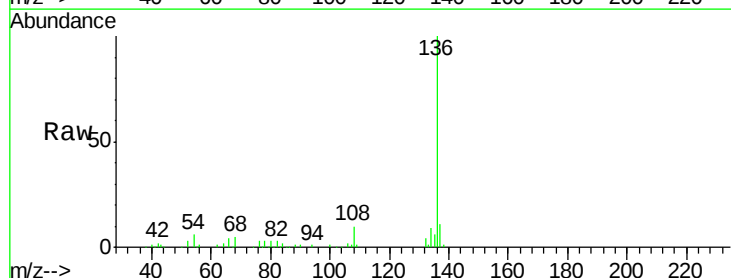
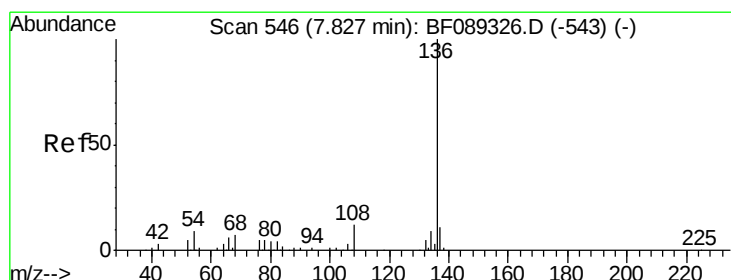
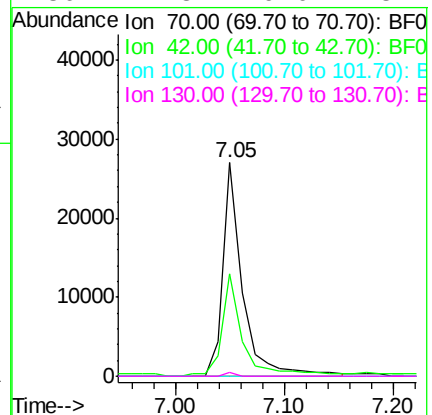
Ion Ratio Lower Upper

70 100

42 47.7 38.6 57.8

101 0.0 8.3 12.5#

130 1.8 19.0 28.4#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.77 min Scan# 541

Delta R.T. -0.06 min

Lab File: BF089506.D

Acq: 1 Aug 2016 12:39

Tgt Ion: 136 Resp: 153722

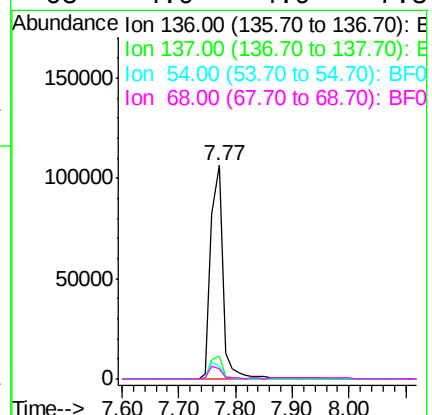
Ion Ratio Lower Upper

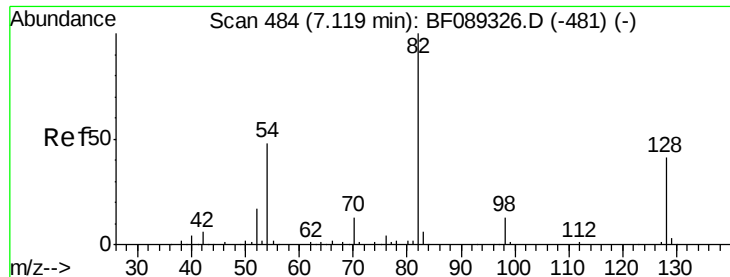
136 100

137 10.5 8.6 13.0

54 5.7 7.0 10.4#

68 4.9 4.9 7.3

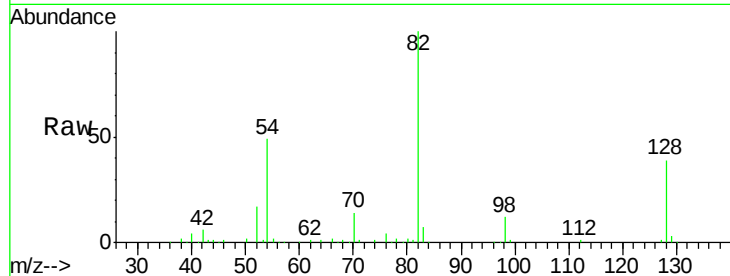




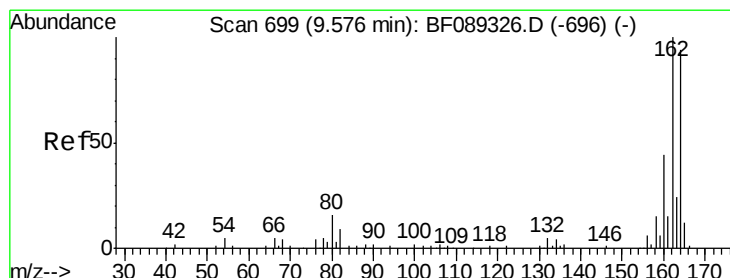
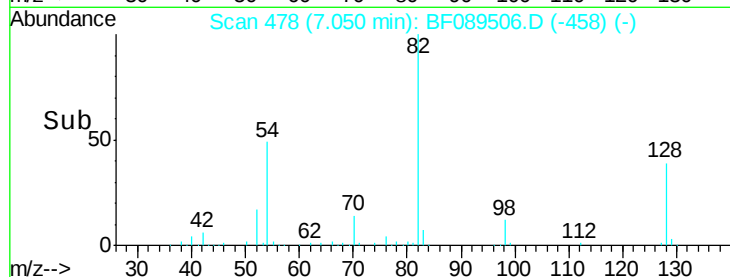
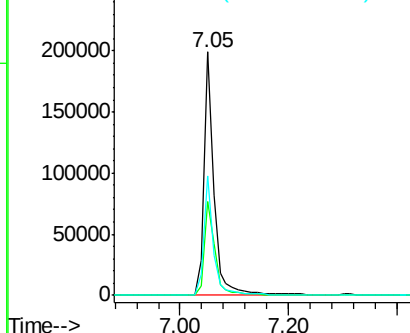
#23
 Nitrobenzene-d5
 Concen: 97.72 ng
 RT: 7.05 min Scan# 478
 Delta R.T. -0.07 min
 Lab File: BF089506.D
 Acq: 1 Aug 2016 12:39

Instrument :
 BNA_F
 ClientSampleID :
 PB92593BL

Tgt Ion: 82 Resp: 254506
 Ion Ratio Lower Upper
 82 100
 128 38.7 32.5 48.7
 54 49.3 38.8 58.2

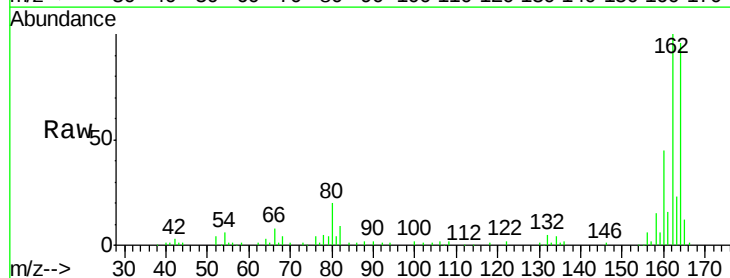


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): E
 Ion 54.00 (53.70 to 54.70): BF0

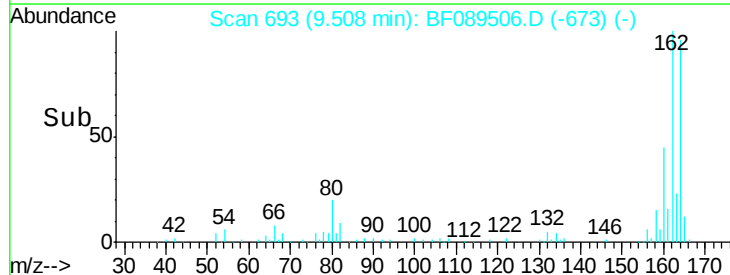
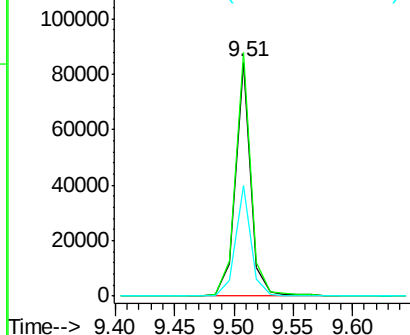


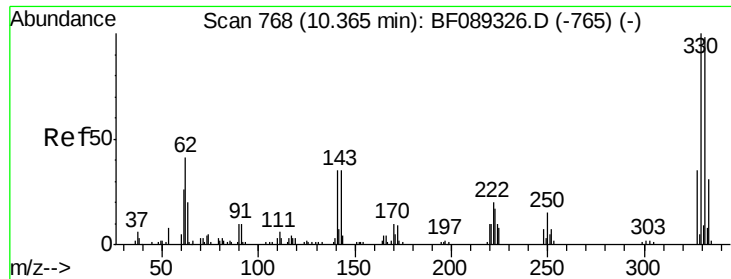
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.07 min
 Lab File: BF089506.D
 Acq: 1 Aug 2016 12:39

Tgt Ion: 164 Resp: 75569
 Ion Ratio Lower Upper
 164 100
 162 104.2 83.7 125.5
 160 47.3 37.8 56.6



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

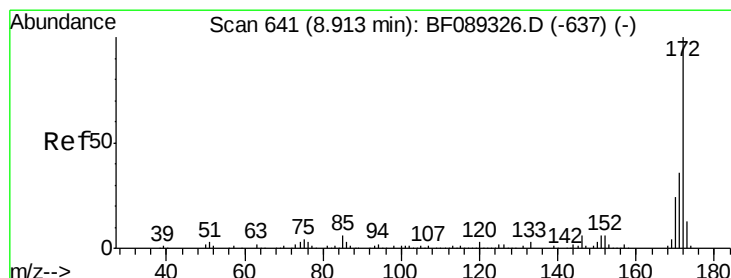
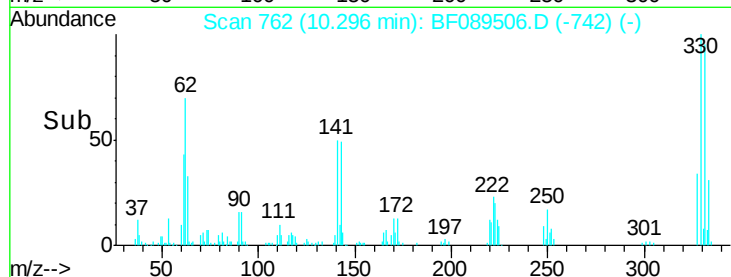
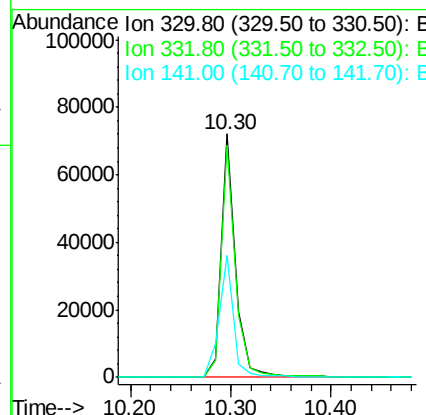
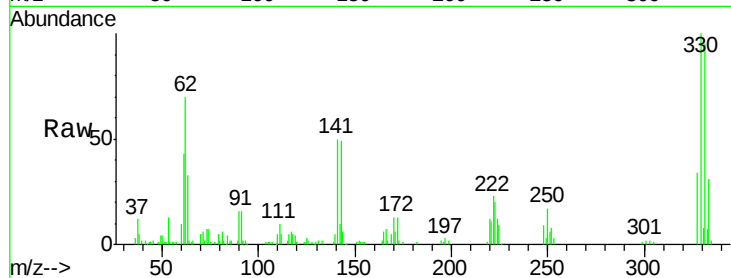




#41
 2,4,6-Tribromophenol
 Concen: 114.10 ng
 RT: 10.30 min Scan# 762
 Delta R.T. -0.07 min
 Lab File: BF089506.D
 Acq: 1 Aug 2016 12:39

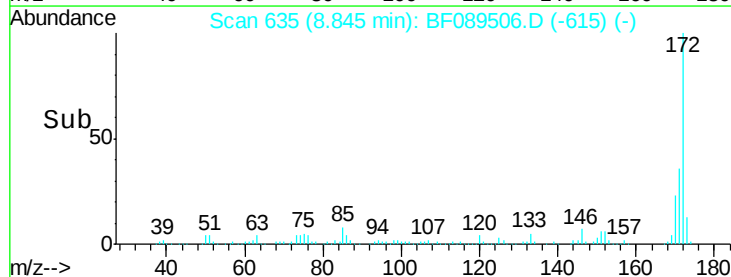
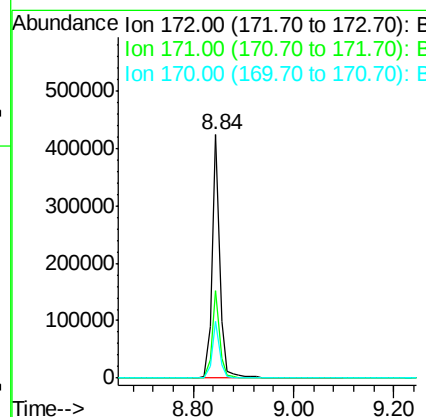
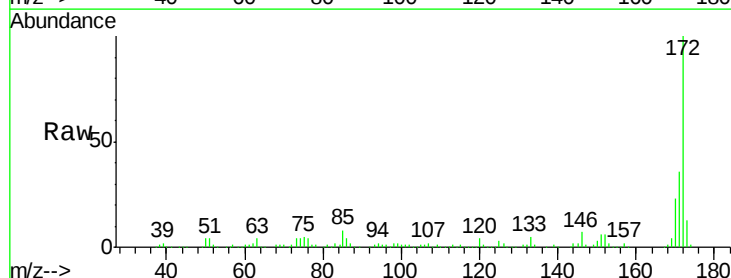
Instrument :
 BNA_F
 ClientSampleId :
 PB92593BL

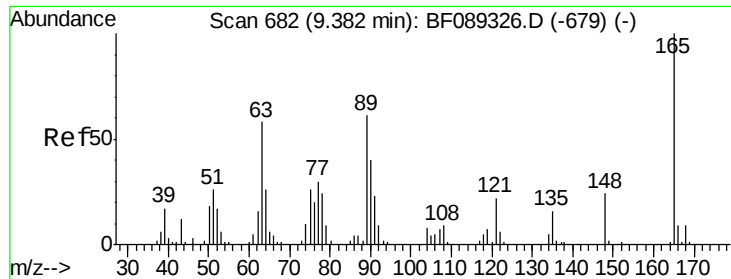
Tgt Ion:330 Resp: 71410
 Ion Ratio Lower Upper
 330 100
 332 95.1 76.8 115.2
 141 50.8 37.3 55.9



#44
 2-Fluorobiphenyl
 Concen: 87.88 ng
 RT: 8.84 min Scan# 635
 Delta R.T. -0.07 min
 Lab File: BF089506.D
 Acq: 1 Aug 2016 12:39

Tgt Ion:172 Resp: 452514
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.2 43.8
 170 23.3 19.2 28.8

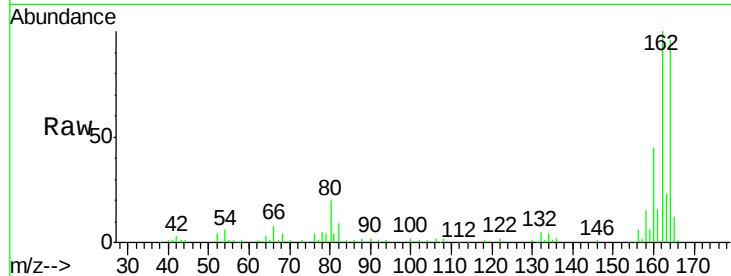




#50
 2,6-Dinitrotoluene
 Concen: 7.98 ng
 RT: 9.51 min Scan# 693
 Delta R.T. 0.13 min
 Lab File: BF089506.D
 Acq: 1 Aug 2016 12:39

Instrument :
 BNA_F
 ClientSampleId :
 PB92593BL

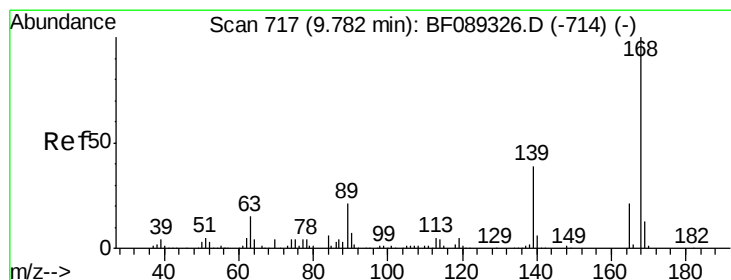
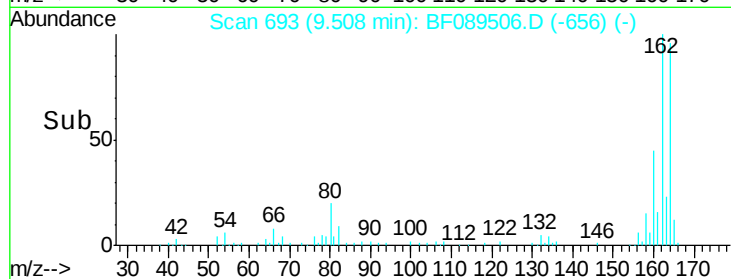
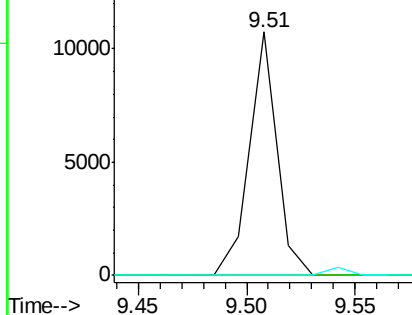
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	0.0	45.0	67.4#



Abundance Ion 165.00 (164.70 to 165.70): E

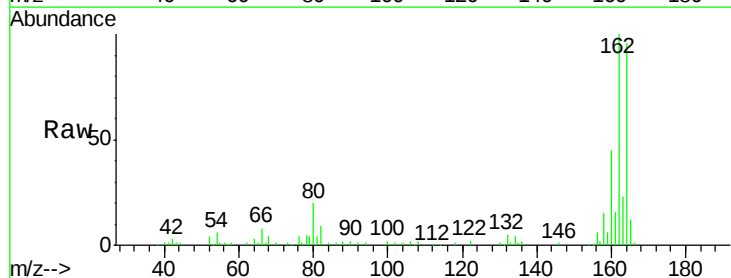
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.06 ng
 RT: 9.51 min Scan# 693
 Delta R.T. -0.27 min
 Lab File: BF089506.D
 Acq: 1 Aug 2016 12:39

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	58.2	87.2#
89	0.0	79.1	118.7#
182	0.0	1.8	2.8#

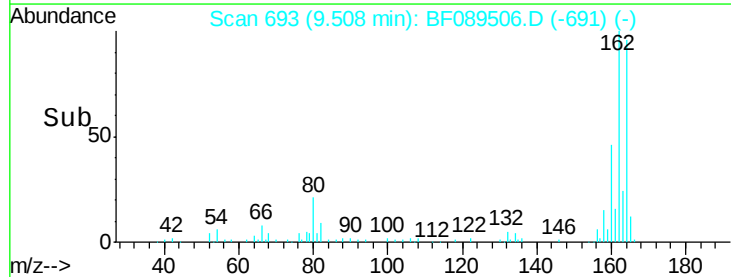
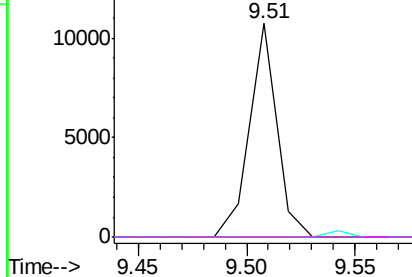


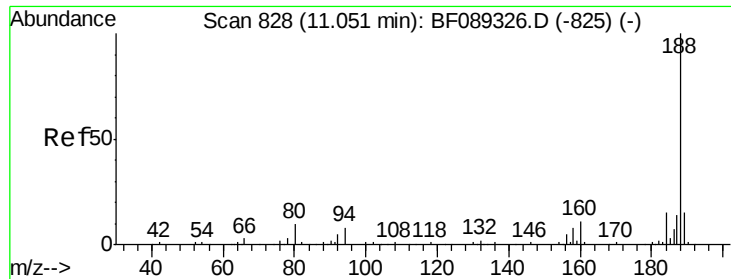
Abundance Ion 165.00 (164.70 to 165.70): E

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

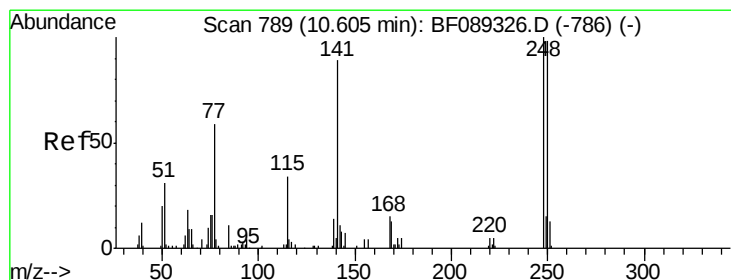
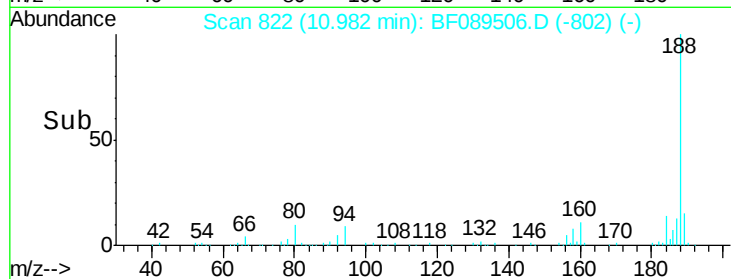
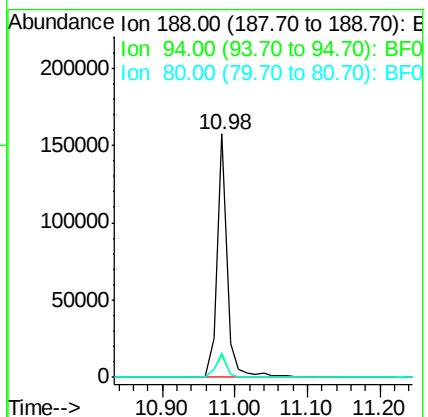
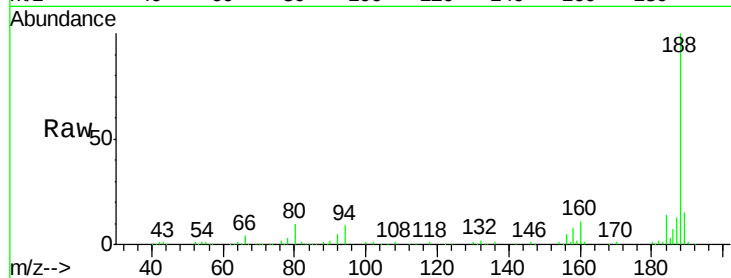




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 10.98 min Scan# 822
Delta R.T. -0.07 min
Lab File: BF089506.D
Acq: 1 Aug 2016 12:39

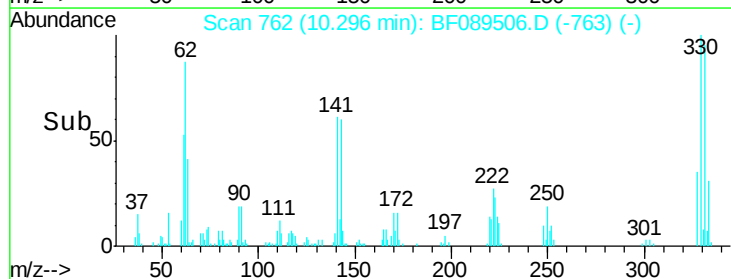
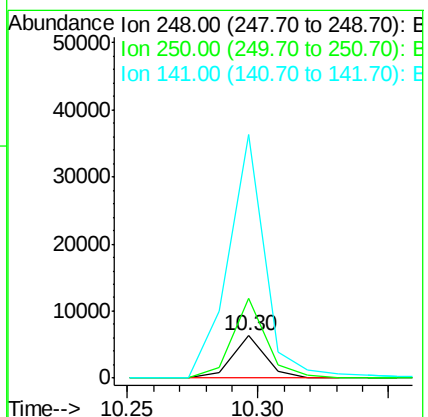
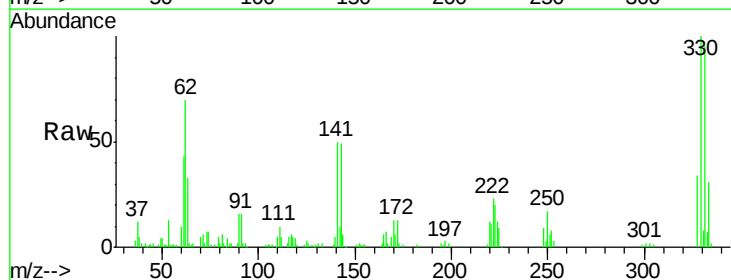
Instrument :
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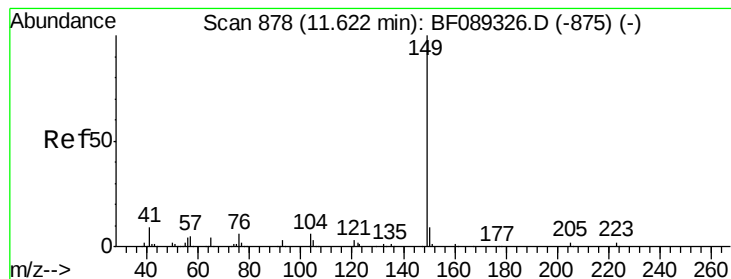
Tgt Ion:188 Resp: 153059
Ion Ratio Lower Upper
188 100
94 8.9 6.5 9.7
80 10.0 7.2 10.8



#66
4-Bromophenyl-phenylether
Concen: 3.82 ng
RT: 10.30 min Scan# 762
Delta R.T. -0.31 min
Lab File: BF089506.D
Acq: 1 Aug 2016 12:39

Tgt Ion:248 Resp: 5589
Ion Ratio Lower Upper
248 100
250 188.4 78.2 117.2#
141 573.1 62.0 93.0#





#73

Di-n-butylphthalate

Concen: 2.57 ng

RT: 11.55 min Scan# 872

Delta R.T. -0.07 min

Lab File: BF089506.D

Acq: 1 Aug 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB92593BL

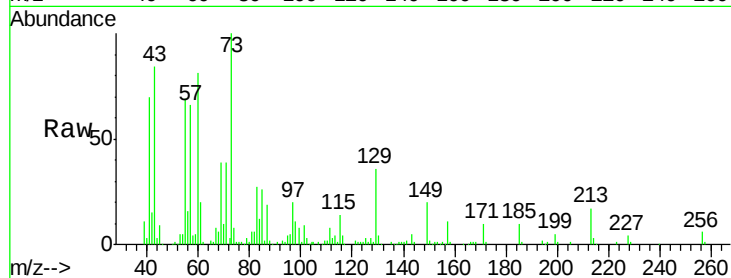
Tgt Ion:149 Resp: 25489

Ion Ratio Lower Upper

149 100

150 10.1 7.4 11.0

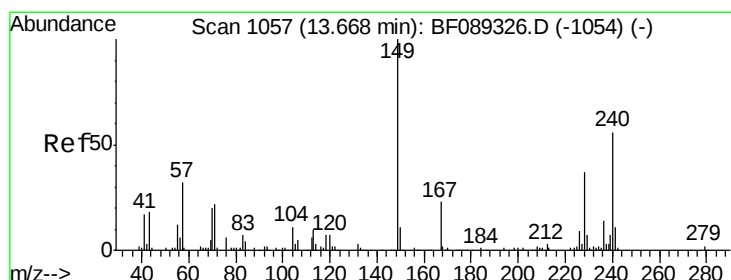
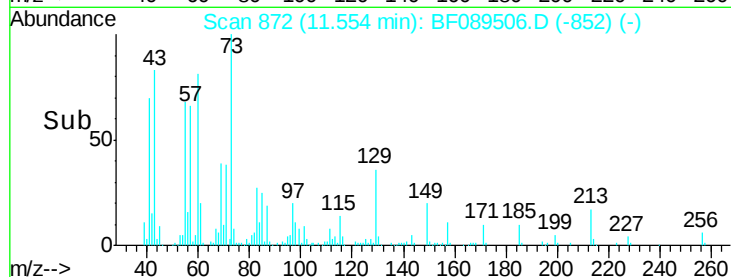
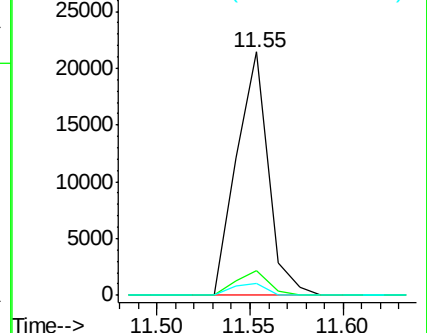
104 4.8 4.7 7.1



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.60 min Scan# 1051

Delta R.T. -0.07 min

Lab File: BF089506.D

Acq: 1 Aug 2016 12:39

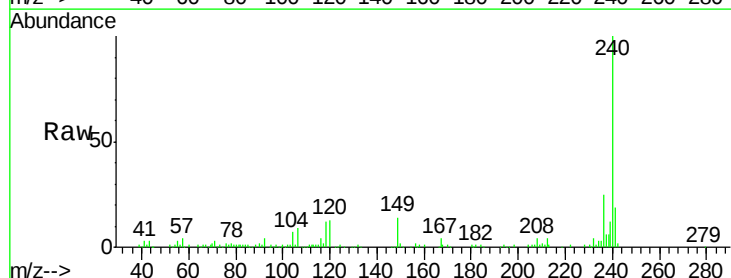
Tgt Ion:240 Resp: 121074

Ion Ratio Lower Upper

240 100

120 13.0 9.1 13.7

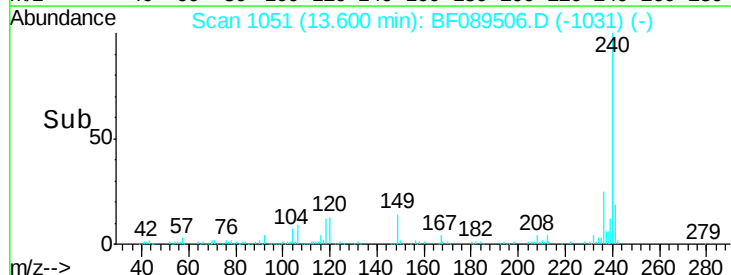
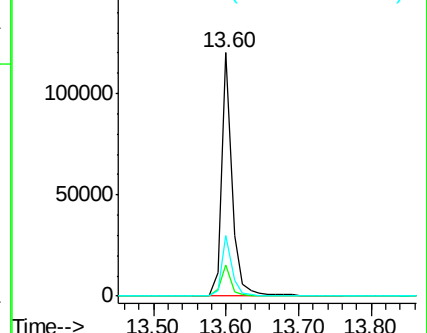
236 24.9 20.6 30.8

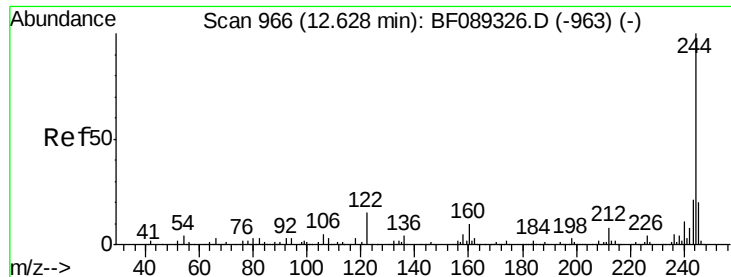


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

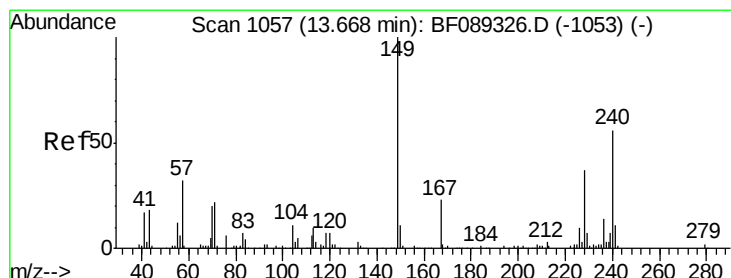
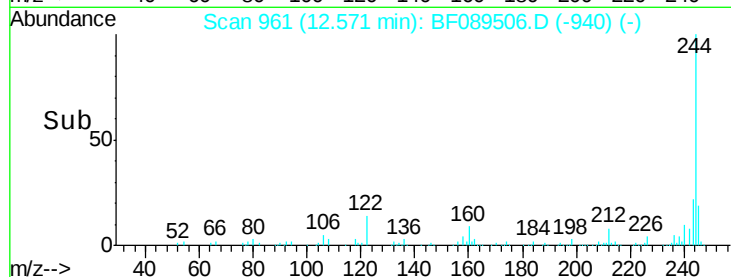
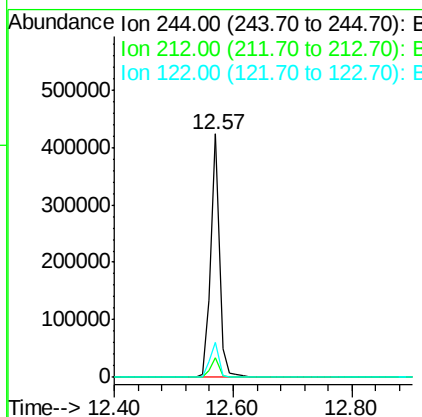
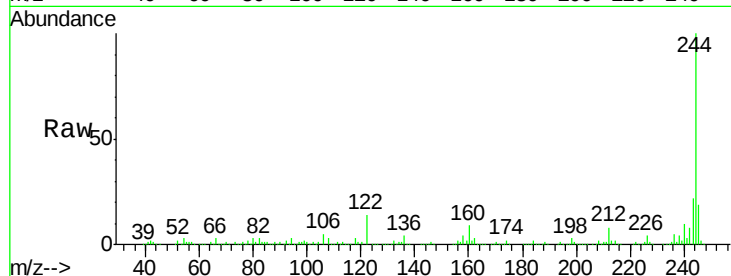




#78
 Terphenyl-d14
 Concen: 84.19 ng
 RT: 12.57 min Scan# 961
 Delta R.T. -0.06 min
 Lab File: BF089506.D
 Acq: 1 Aug 2016 12:39

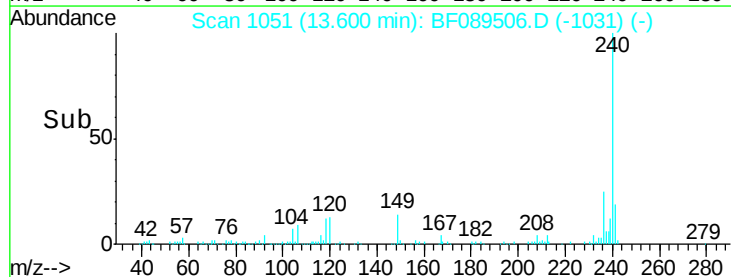
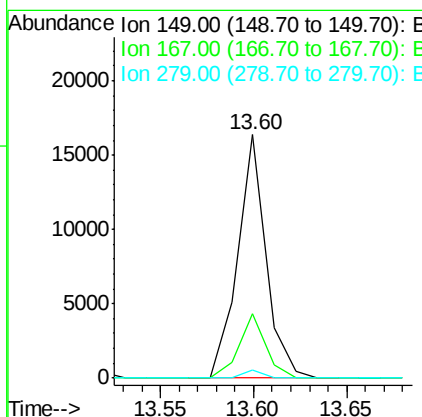
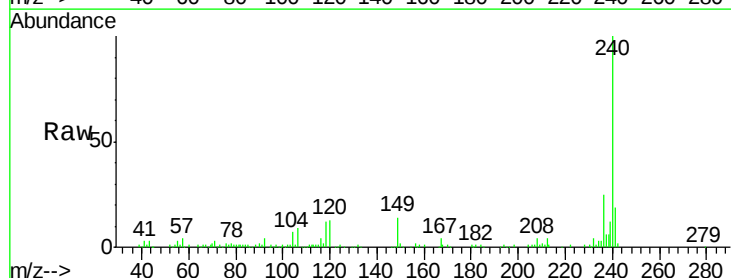
Instrument :
 BNA_F
 ClientSampled :
 PB92593BL

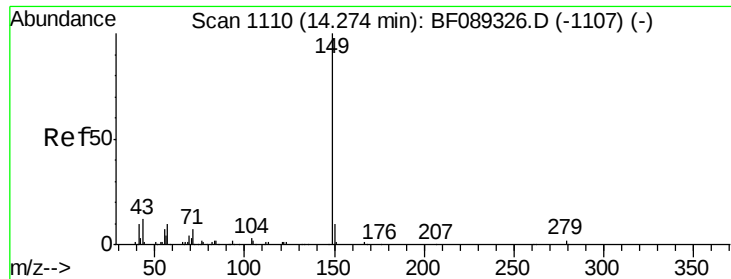
Tgt Ion:244 Resp: 435534
 Ion Ratio Lower Upper
 244 100
 212 8.1 6.5 9.7
 122 14.3 11.4 17.0



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 2.88 ng
 RT: 13.60 min Scan# 1051
 Delta R.T. -0.07 min
 Lab File: BF089506.D
 Acq: 1 Aug 2016 12:39

Tgt Ion:149 Resp: 17397
 Ion Ratio Lower Upper
 149 100
 167 26.2 18.8 28.2
 279 3.5 1.4 2.0#





#84

Di-n-octyl phthalate

Concen: 10.12 ng

RT: 14.24 min Scan# 1107

Delta R.T. -0.03 min

Lab File: BF089506.D

Acq: 1 Aug 2016 12:39

Instrument :

BNA_F

ClientSampleId :

PB92593BL

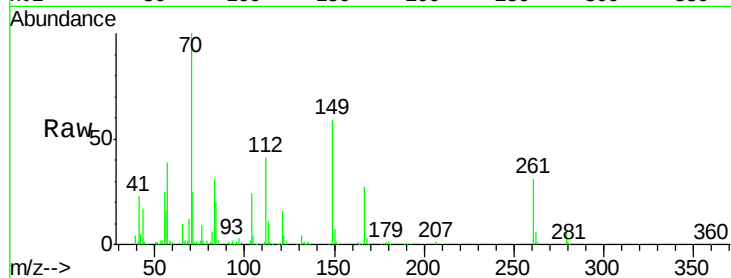
Tgt Ion:149 Resp: 95225

Ion Ratio Lower Upper

149 100

167 45.3 1.1 1.7#

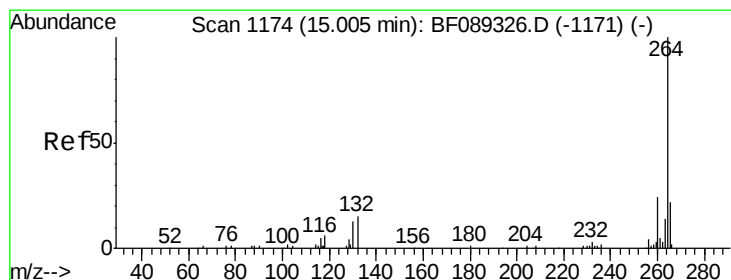
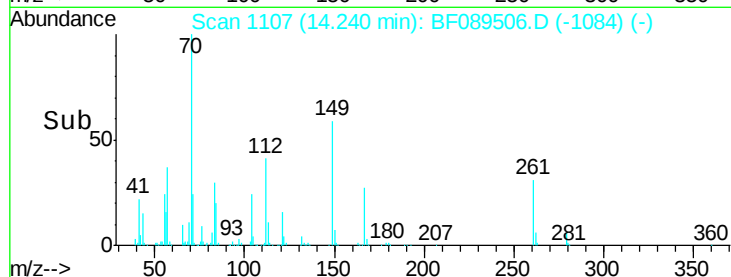
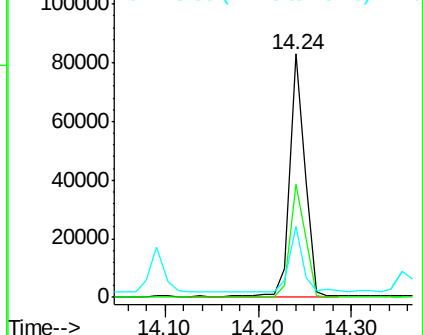
43 24.3 7.3 10.9#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BF0



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.93 min Scan# 1167

Delta R.T. -0.08 min

Lab File: BF089506.D

Acq: 1 Aug 2016 12:39

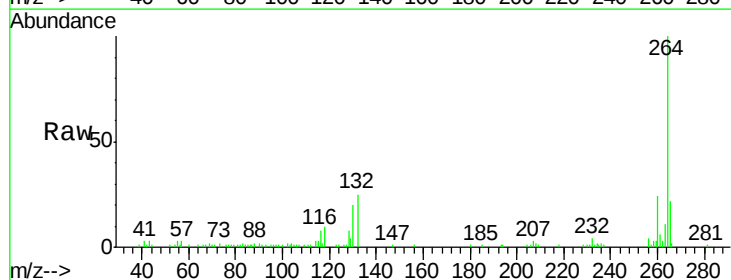
Tgt Ion:264 Resp: 83966

Ion Ratio Lower Upper

264 100

260 24.2 19.0 28.4

265 21.6 17.5 26.3



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

