

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089367.D
 Acq On : 28 Jul 2016 17:23
 Operator : UM/SJ
 Sample : PB92474BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92474BL

Quant Time: Jul 29 01:14:50 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

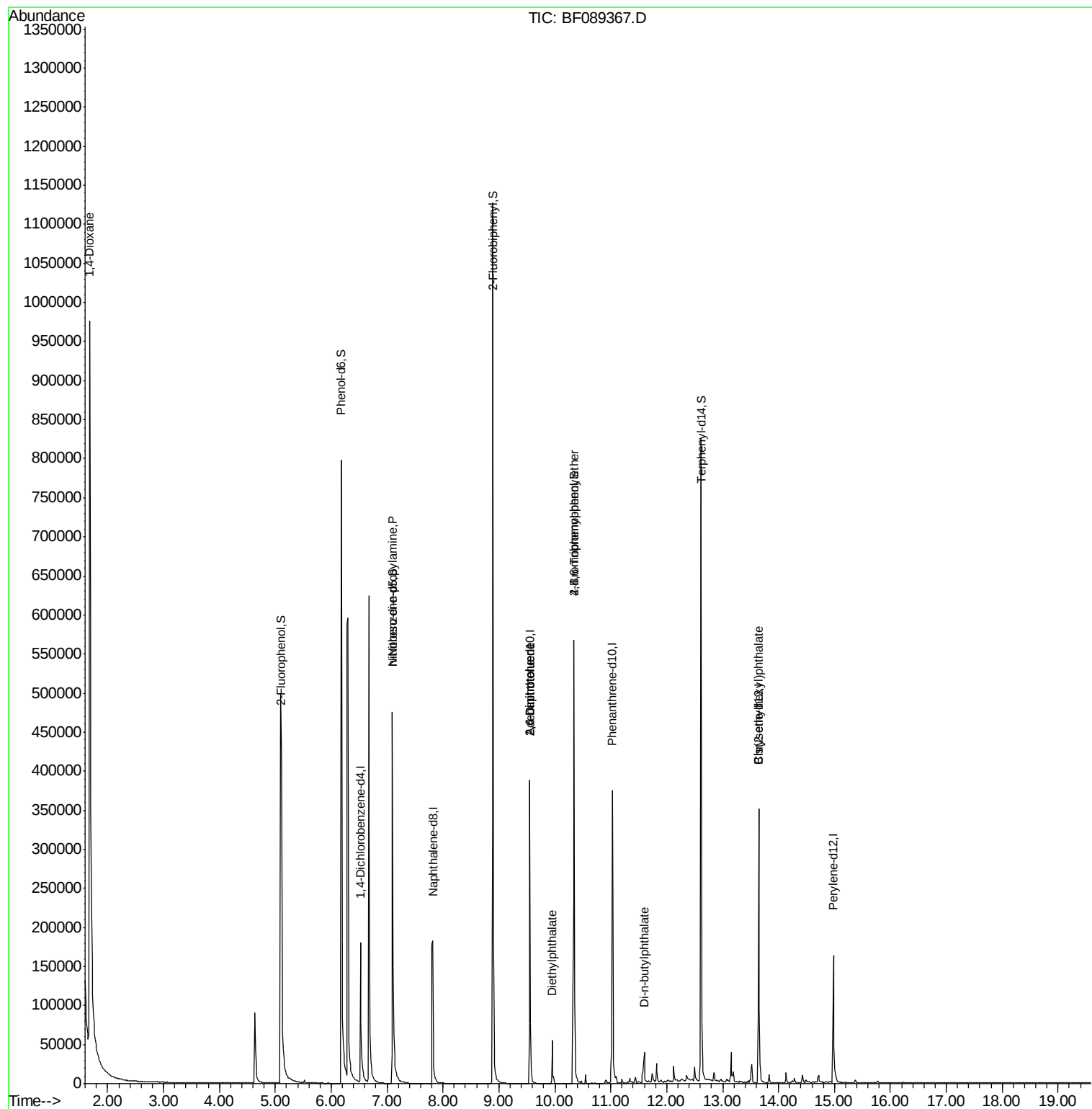
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	41266	20.00	ng	-0.02
21) Naphthalene-d8	7.82	136	166968	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	84352	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	165549	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	116208	20.00	ng	-0.02
86) Perylene-d12	14.98	264	84870	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.11	112	264922	102.51	ng	0.00
7) Phenol-d6	6.18	99	359557	105.27	ng	-0.02
23) Nitrobenzene-d5	7.10	82	217711	76.96	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	73814	105.66	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	422384	73.49	ng	-0.02
78) Terphenyl-d14	12.62	244	378528	76.24	ng	-0.01
Target Compounds						
2) 1,4-Dioxane	1.68	88	54567	47.24	ng	# 26
19) n-Nitroso-di-n-propylamine	7.10	70	28310	13.75	ng	# 80
50) 2,6-Dinitrotoluene	9.55	165	10510	7.97	ng	# 24
56) 2,4-Dinitrotoluene	9.55	165	10510	6.05	ng	# 7
59) Diethylphthalate	9.95	149	26833	4.12	ng	97
66) 4-Bromophenyl-phenylether	10.34	248	5395	3.41	ng	# 1
73) Di-n-butylphthalate	11.60	149	26816	2.50	ng	# 97
83) Bis(2-ethylhexyl)phthalate	13.65	149	28987	5.01	ng	# 97

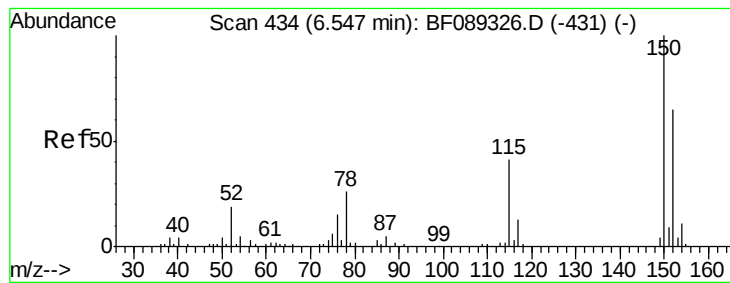
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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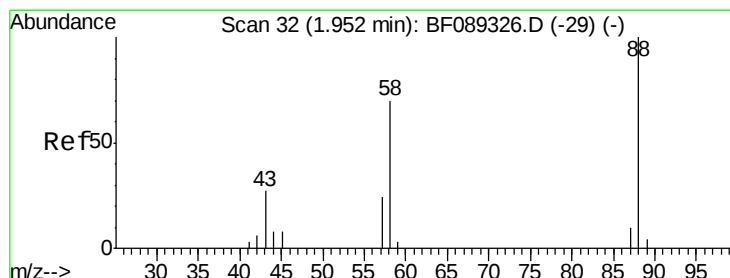
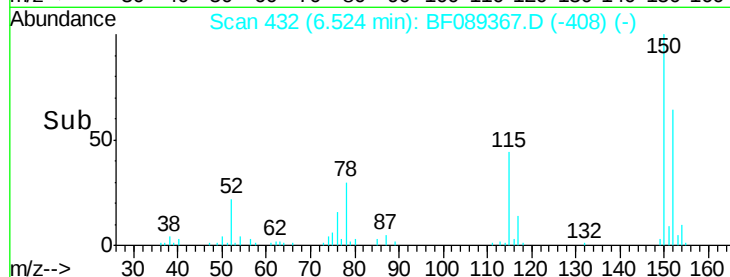
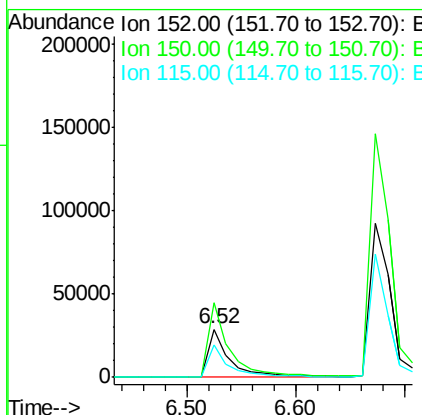
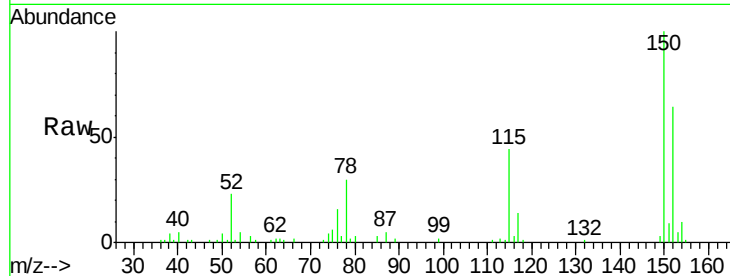




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.52 min Scan# 432
 Delta R.T. -0.02 min
 Lab File: BF089367.D
 Acq: 28 Jul 2016 17:23

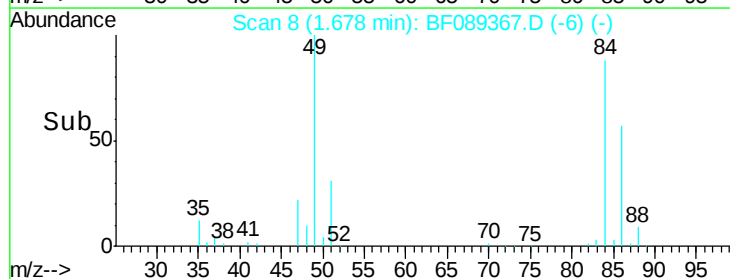
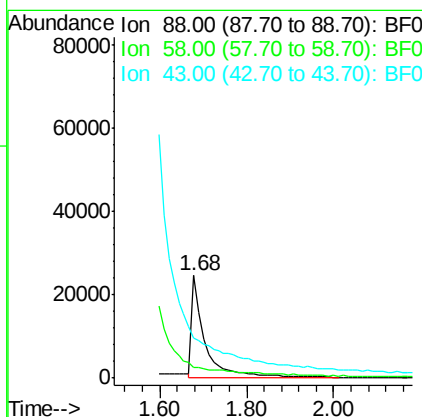
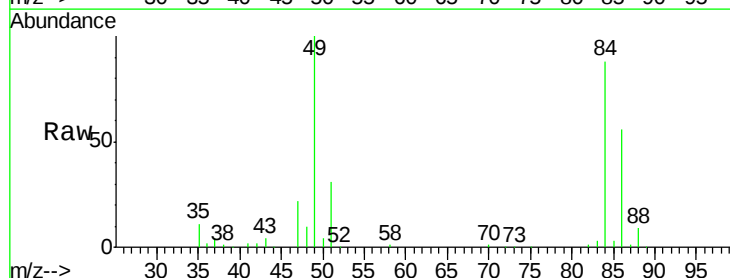
Instrument :
 BNA_F
 ClientSampleId :
 PB92474BL

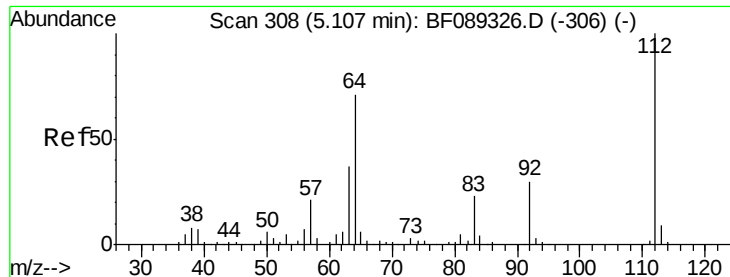
Tgt Ion: 152 Resp: 41266
 Ion Ratio Lower Upper
 152 100
 150 155.1 129.5 194.3
 115 68.2 51.4 77.2



#2
 1,4-Dioxane
 Concen: 47.24 ng
 RT: 1.68 min Scan# 8
 Delta R.T. -0.27 min
 Lab File: BF089367.D
 Acq: 28 Jul 2016 17:23

Tgt Ion: 88 Resp: 54567
 Ion Ratio Lower Upper
 88 100
 58 0.0 53.2 79.8#
 43 0.0 20.6 31.0#





#5

2-Fluorophenol

Concen: 102.51 ng

RT: 5.11 min Scan# 308

Delta R.T. 0.00 min

Lab File: BF089367.D

Acq: 28 Jul 2016 17:23

Instrument :

BNA_F

ClientSampleId :

PB92474BL

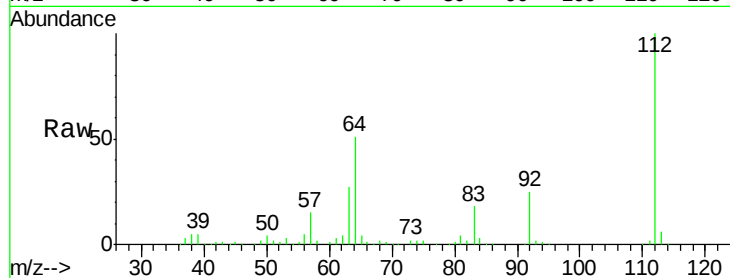
Tgt Ion: 112 Resp: 264922

Ion Ratio Lower Upper

112 100

64 50.7 55.0 82.6#

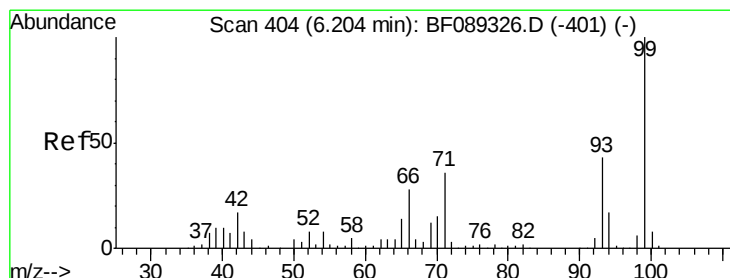
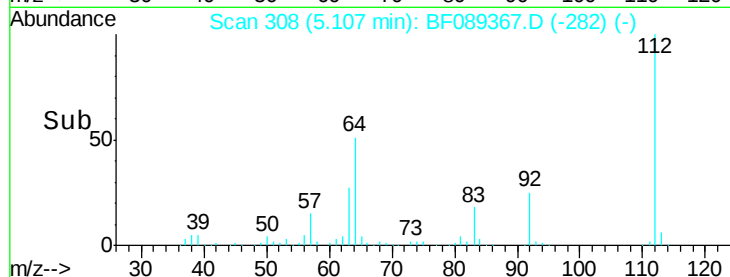
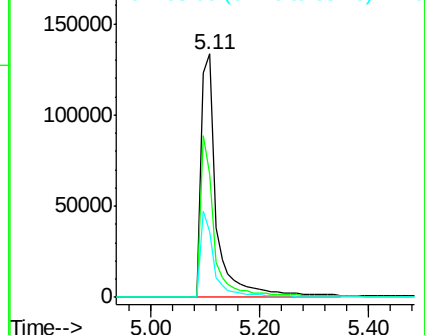
63 27.2 29.4 44.2#



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: 105.27 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089367.D

Acq: 28 Jul 2016 17:23

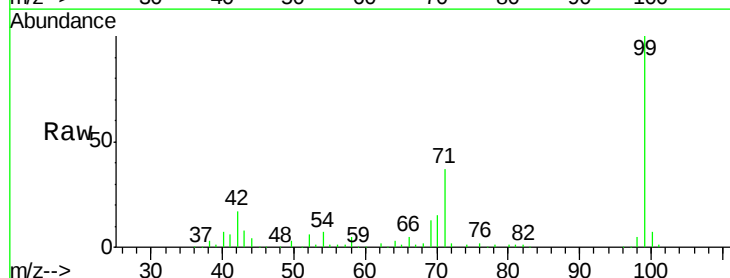
Tgt Ion: 99 Resp: 359557

Ion Ratio Lower Upper

99 100

42 17.3 13.6 20.4

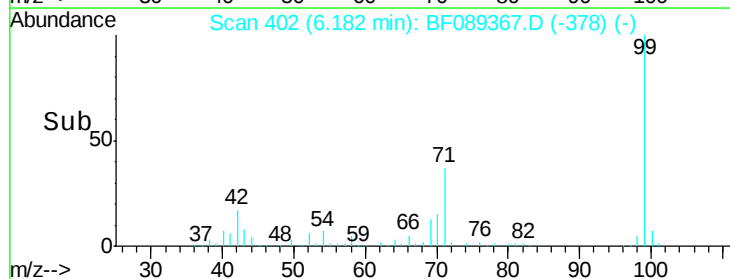
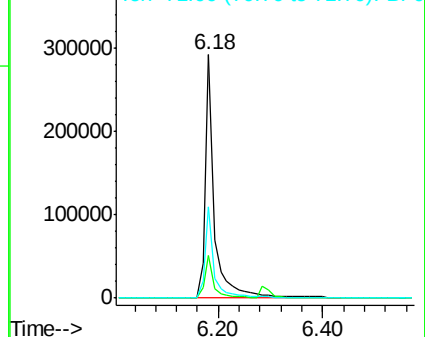
71 37.4 29.4 44.2

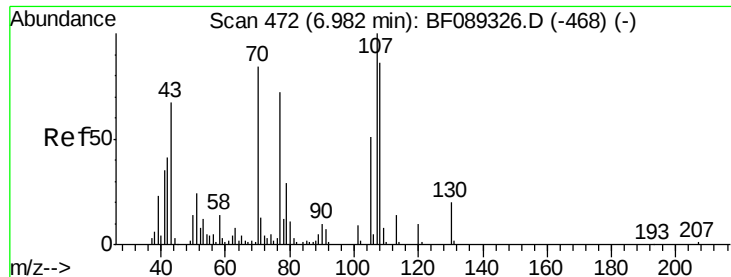


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0





#19

n-Nitroso-di-n-propylamine

Concen: 13.75 ng

RT: 7.10 min Scan# 482

Delta R.T. 0.11 min

Lab File: BF089367.D

Acq: 28 Jul 2016 17:23

Instrument :

BNA_F

ClientSampleId :

PB92474BL

Tgt Ion: 70 Resp: 28310

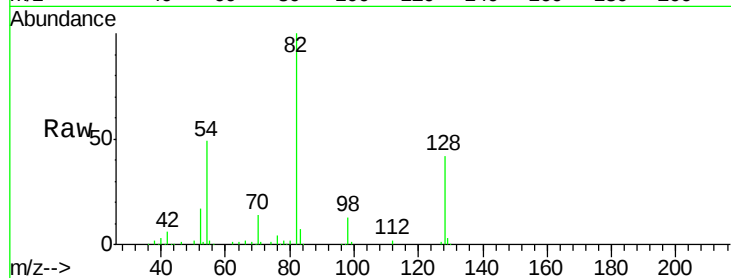
Ion Ratio Lower Upper

70 100

42 44.1 38.6 57.8

101 0.0 8.3 12.5#

130 2.2 19.0 28.4#

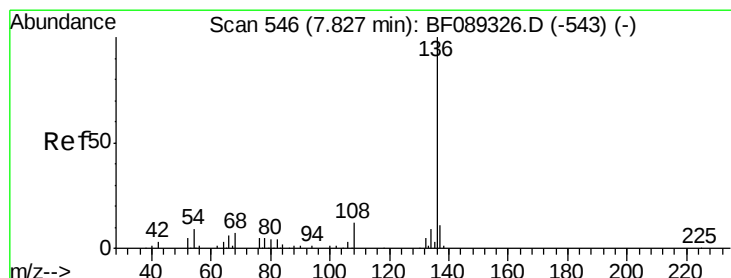
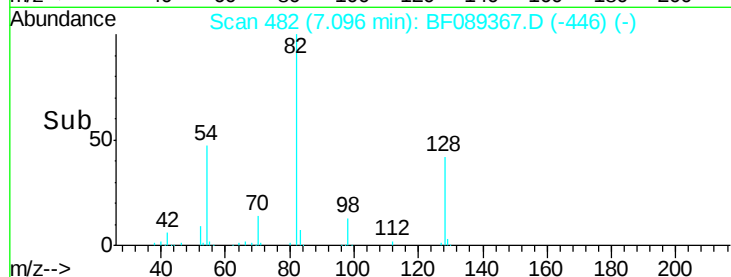
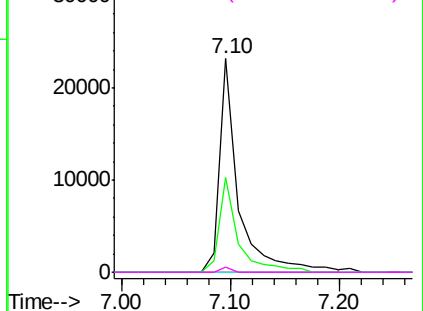


Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.82 min Scan# 545

Delta R.T. -0.01 min

Lab File: BF089367.D

Acq: 28 Jul 2016 17:23

Tgt Ion: 136 Resp: 166968

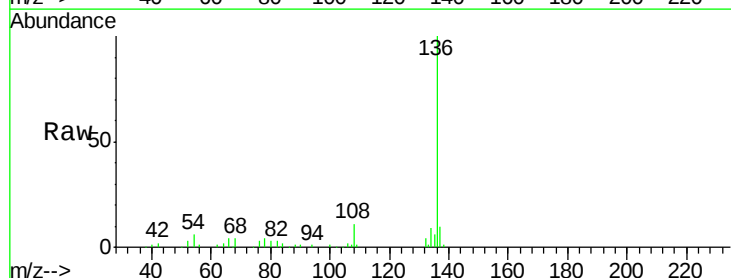
Ion Ratio Lower Upper

136 100

137 10.3 8.6 13.0

54 5.6 7.0 10.4#

68 4.5 4.9 7.3#

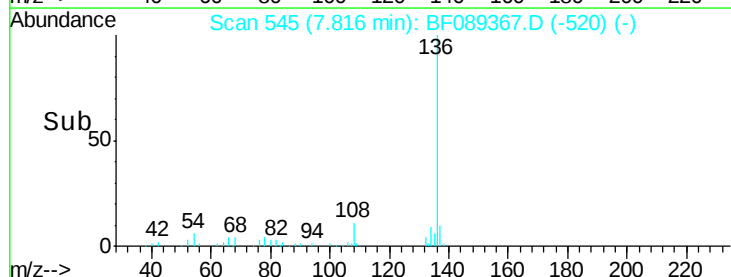
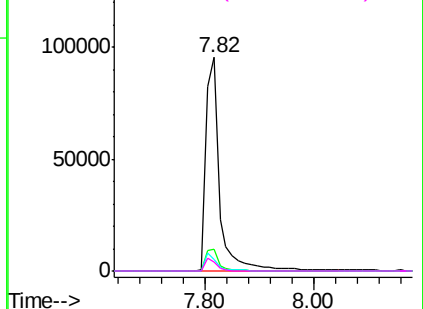


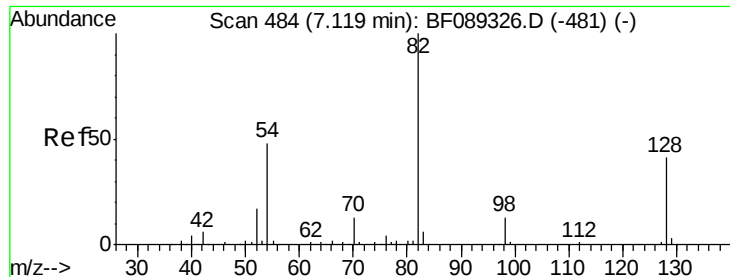
Abundance Ion 136.00 (135.70 to 136.70): E

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

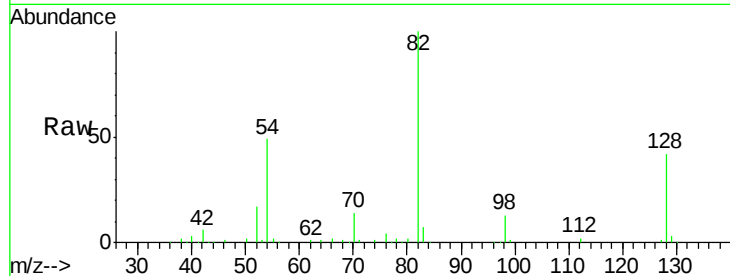




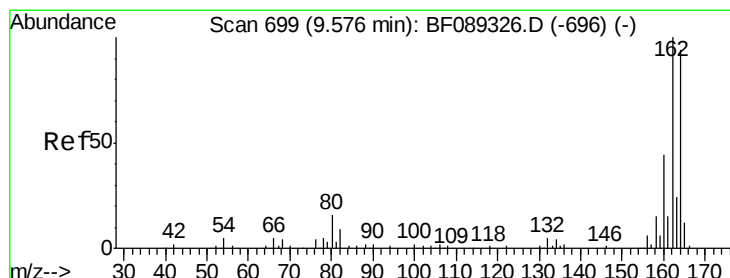
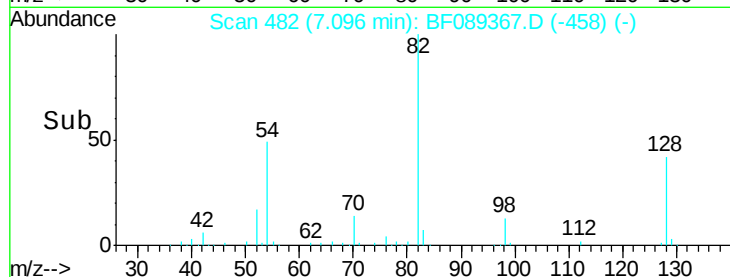
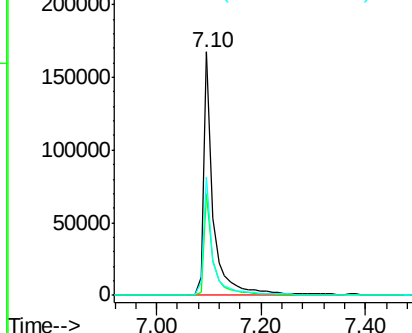
#23
 Nitrobenzene-d5
 Concen: 76.96 ng
 RT: 7.10 min Scan# 482
 Delta R.T. -0.02 min
 Lab File: BF089367.D
 Acq: 28 Jul 2016 17:23

Instrument :
 BNA_F
 ClientSampled :
 PB92474BL

Tgt Ion: 82 Resp: 217711
 Ion Ratio Lower Upper
 82 100
 128 41.6 32.5 48.7
 54 48.8 38.8 58.2

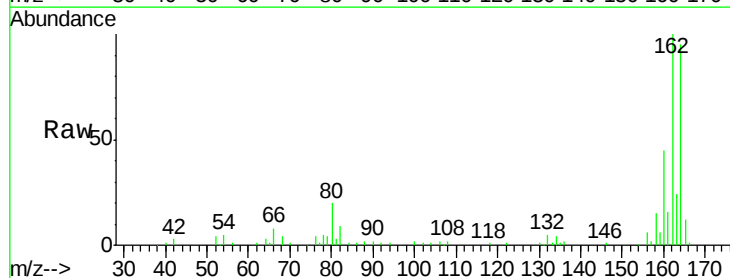


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): B
 Ion 54.00 (53.70 to 54.70): BF0

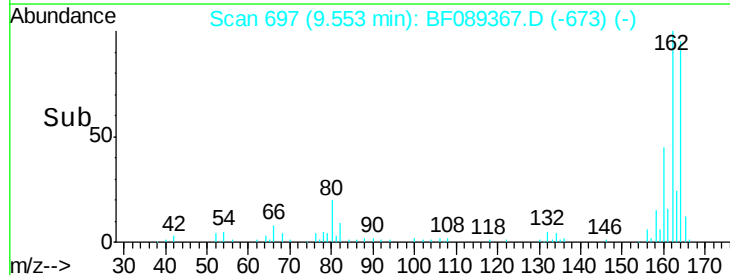
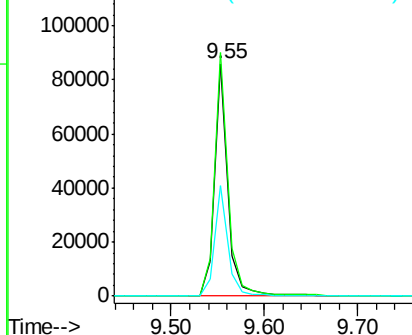


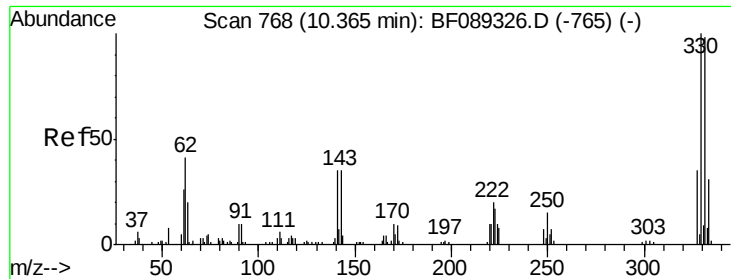
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.02 min
 Lab File: BF089367.D
 Acq: 28 Jul 2016 17:23

Tgt Ion: 164 Resp: 84352
 Ion Ratio Lower Upper
 164 100
 162 104.7 83.7 125.5
 160 47.4 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

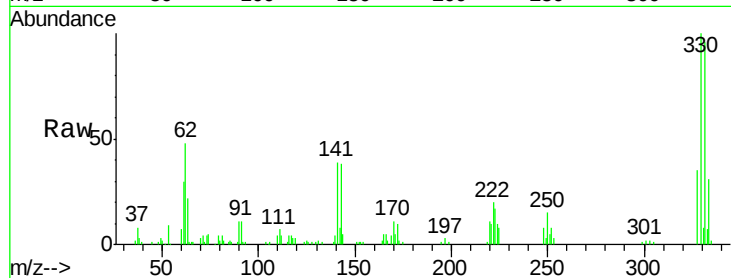




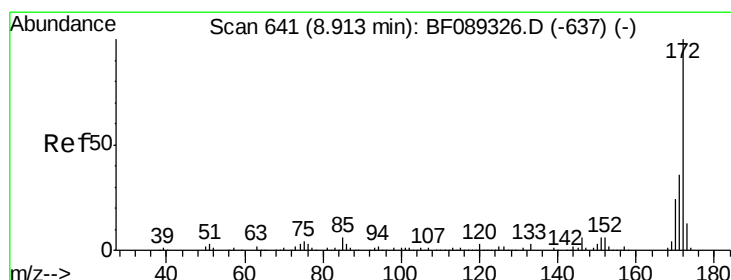
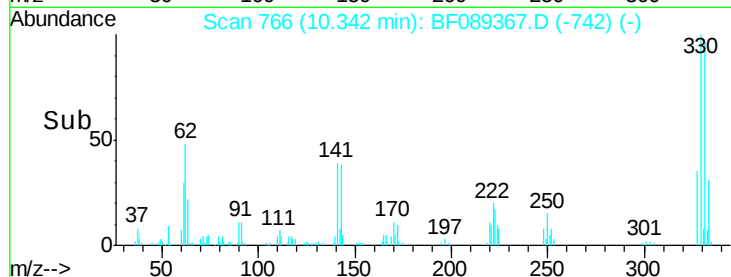
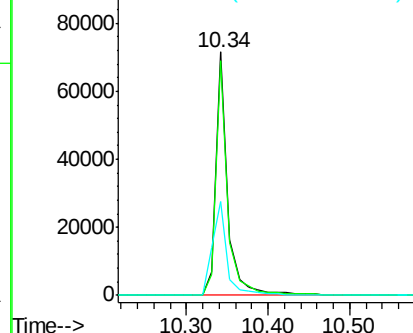
#41
 2,4,6-Tribromophenol
 Concen: 105.66 ng
 RT: 10.34 min Scan# 766
 Delta R.T. -0.02 min
 Lab File: BF089367.D
 Acq: 28 Jul 2016 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92474BL

Tgt Ion:330 Resp: 73814
 Ion Ratio Lower Upper
 330 100
 332 95.7 76.8 115.2
 141 47.3 37.3 55.9

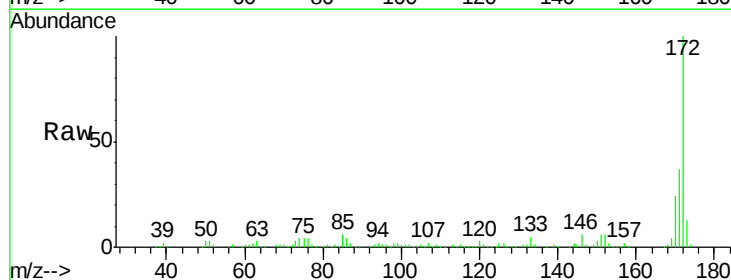


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

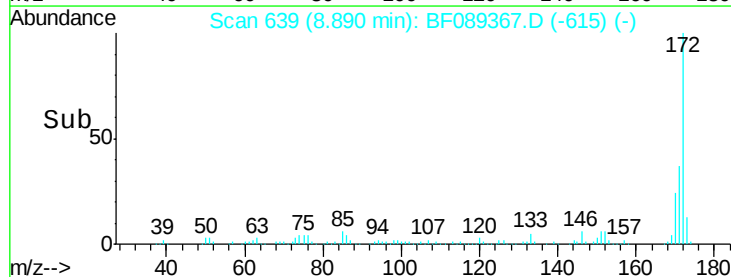
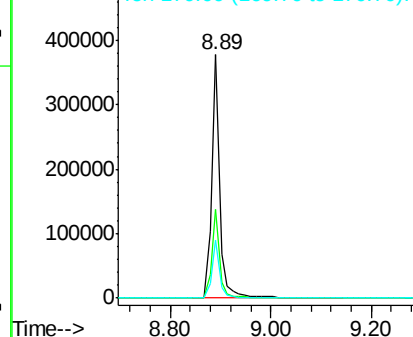


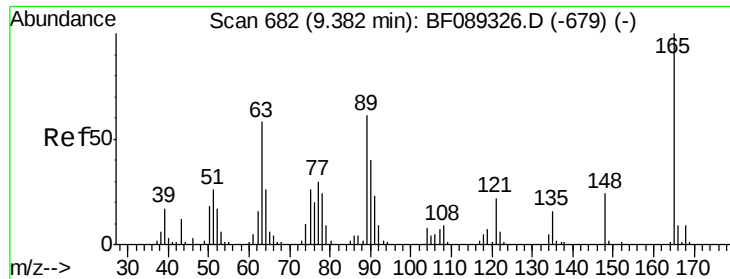
#44
 2-Fluorobiphenyl
 Concen: 73.49 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089367.D
 Acq: 28 Jul 2016 17:23

Tgt Ion:172 Resp: 422384
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.2 43.8
 170 24.0 19.2 28.8



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

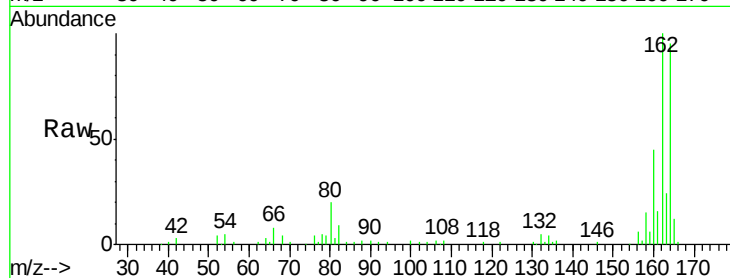




#50
 2,6-Dinitrotoluene
 Concen: 7.97 ng
 RT: 9.55 min Scan# 697
 Delta R.T. 0.17 min
 Lab File: BF089367.D
 Acq: 28 Jul 2016 17:23

Instrument :
 BNA_F
 ClientSampleId :
 PB92474BL

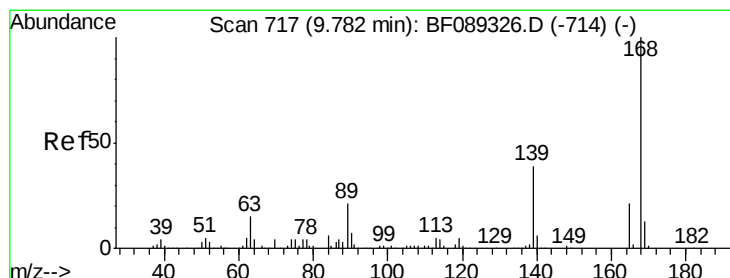
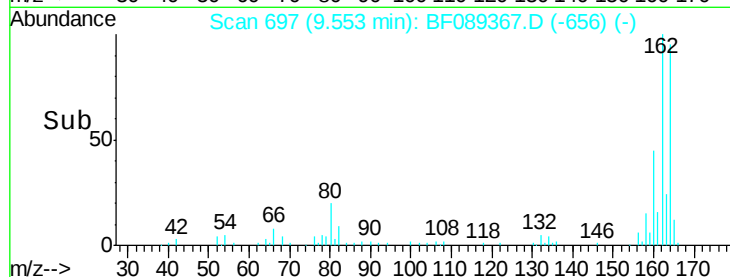
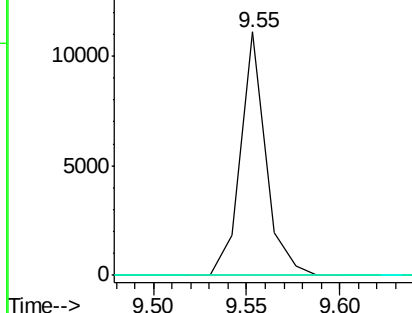
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	43.5	65.3#
89	0.0	45.0	67.4#



Abundance Ion 165.00 (164.70 to 165.70): E

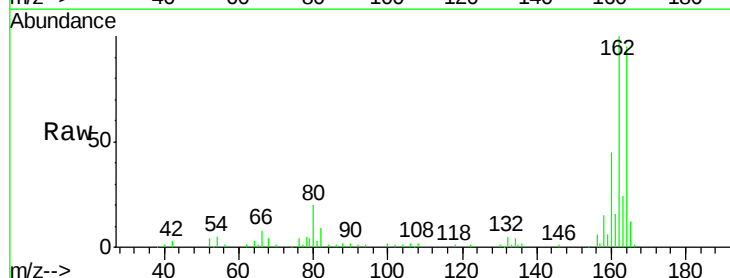
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.05 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.23 min
 Lab File: BF089367.D
 Acq: 28 Jul 2016 17:23

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#

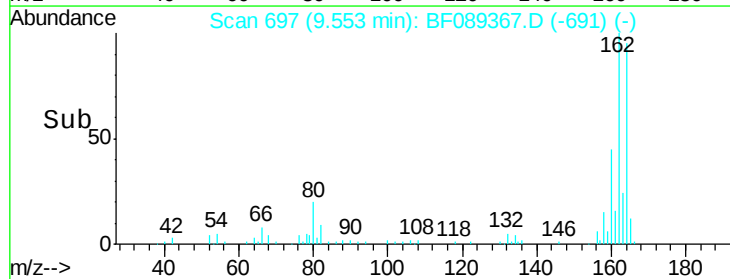
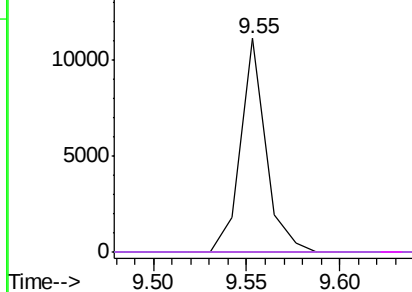


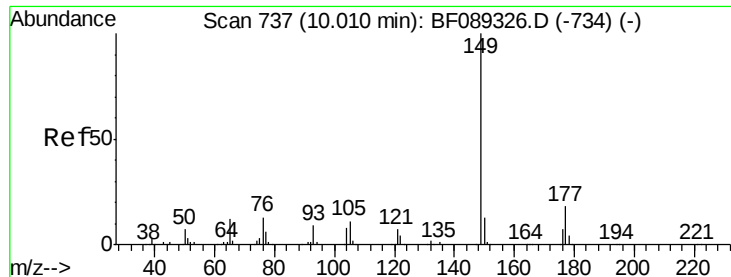
Abundance Ion 165.00 (164.70 to 165.70): E

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

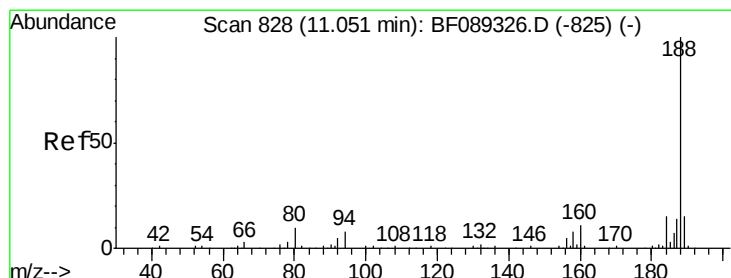
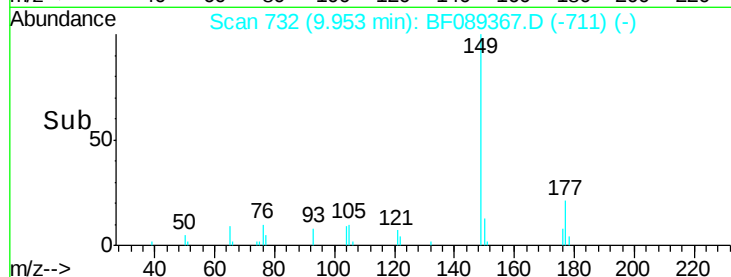
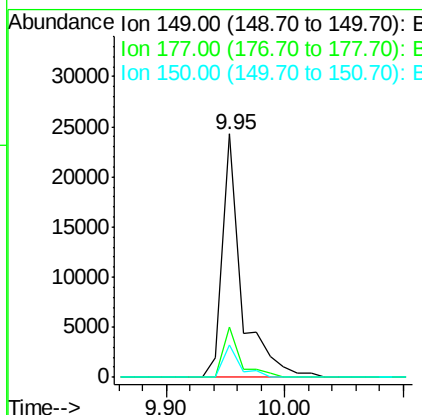
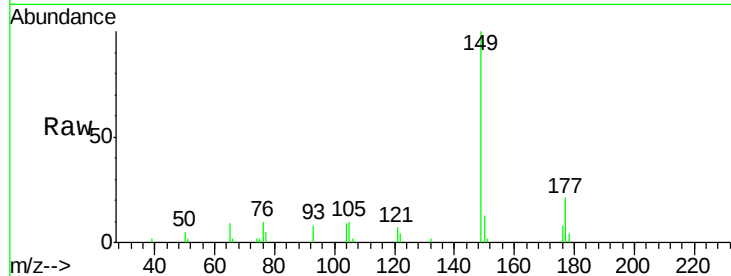




#59
Diethylphthalate
Concen: 4.12 ng
RT: 9.95 min Scan# 732
Delta R.T. -0.06 min
Lab File: BF089367.D
Acq: 28 Jul 2016 17:23

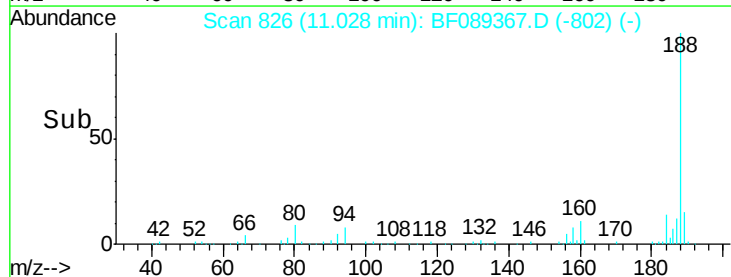
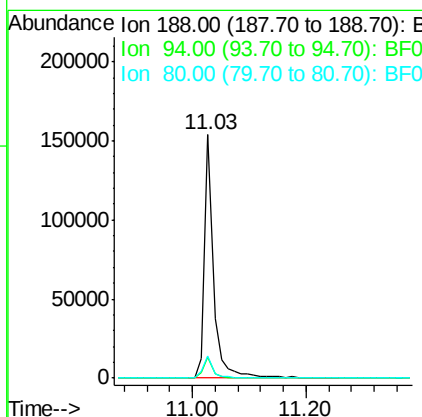
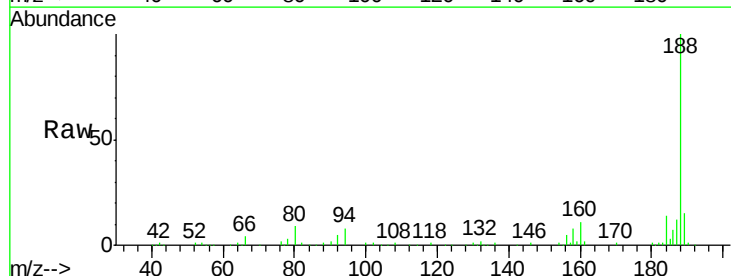
Instrument :
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ClientSampleId :
PB92474BL

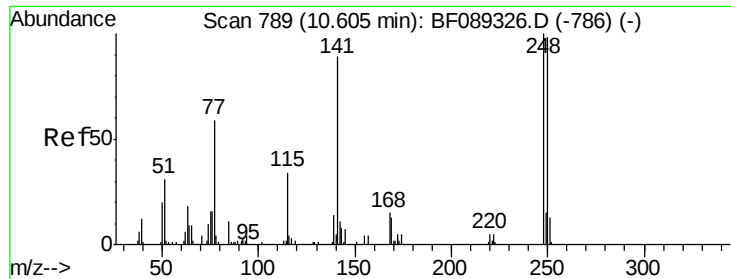
Tgt Ion:149 Resp: 26833
Ion Ratio Lower Upper
149 100
177 20.8 15.1 22.7
150 13.1 10.2 15.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF089367.D
Acq: 28 Jul 2016 17:23

Tgt Ion:188 Resp: 165549
Ion Ratio Lower Upper
188 100
94 8.5 6.5 9.7
80 9.2 7.2 10.8





#66

4-Bromophenyl-phenylether

Concen: 3.41 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.26 min

Lab File: BF089367.D

Acq: 28 Jul 2016 17:23

Instrument :

BNA_F

ClientSampleId :

PB92474BL

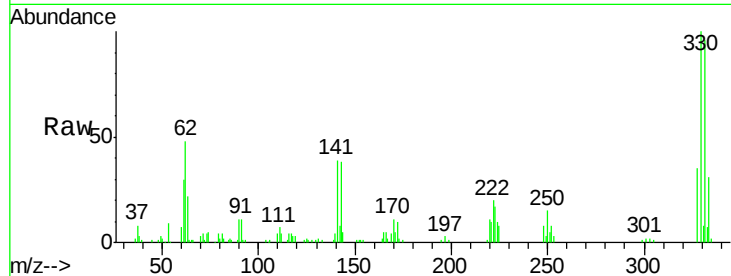
Tgt Ion:248 Resp: 5395

Ion Ratio Lower Upper

248 100

250 198.9 78.2 117.2#

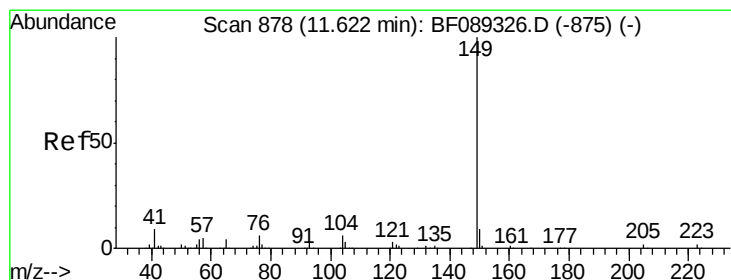
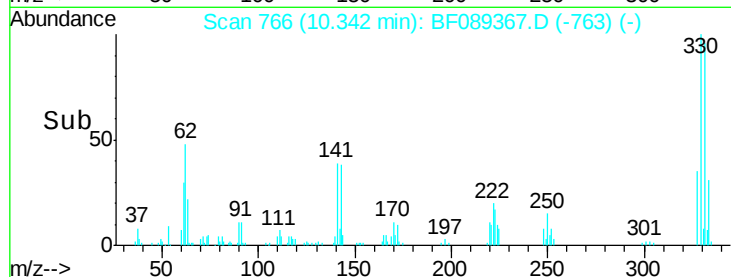
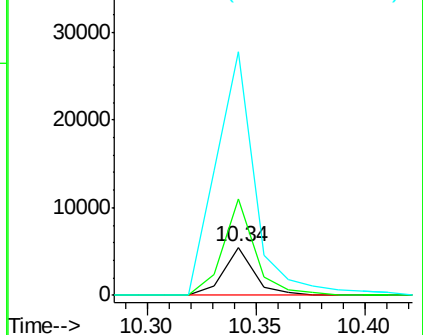
141 504.8 62.0 93.0#



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



#73

Di-n-butylphthalate

Concen: 2.50 ng

RT: 11.60 min Scan# 876

Delta R.T. -0.02 min

Lab File: BF089367.D

Acq: 28 Jul 2016 17:23

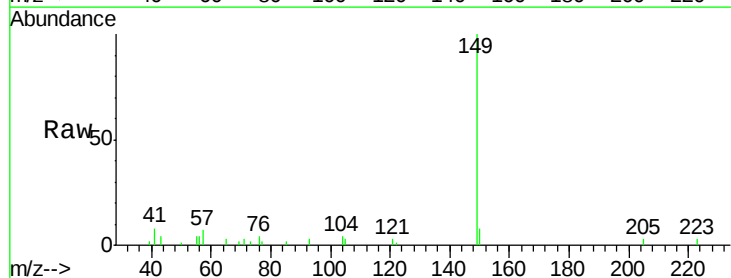
Tgt Ion:149 Resp: 26816

Ion Ratio Lower Upper

149 100

150 8.4 7.4 11.0

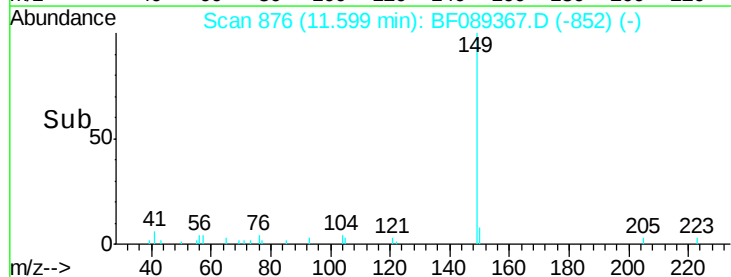
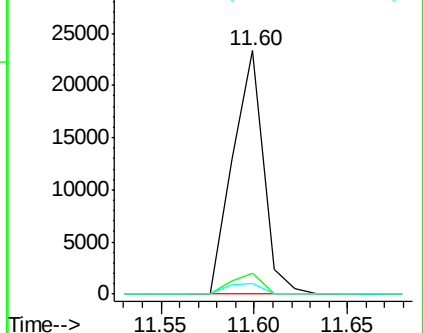
104 4.3 4.7 7.1#

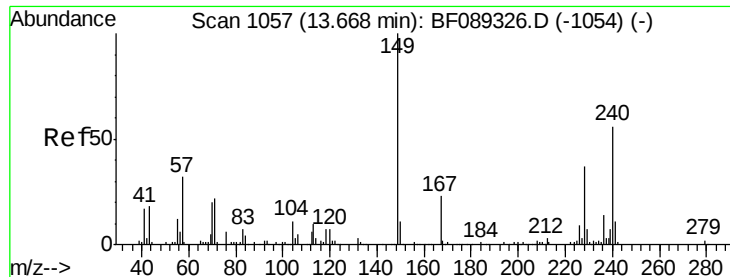


Abundance Ion 149.00 (148.70 to 149.70): E

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: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF089367.D

Acq: 28 Jul 2016 17:23

Instrument :

BNA_F

ClientSampleId :

PB92474BL

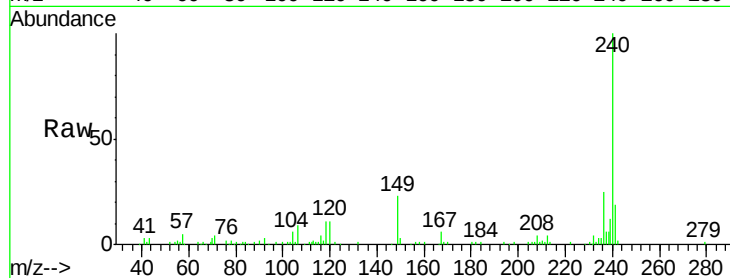
Tgt Ion:240 Resp: 116208

Ion Ratio Lower Upper

240 100

120 11.4 9.1 13.7

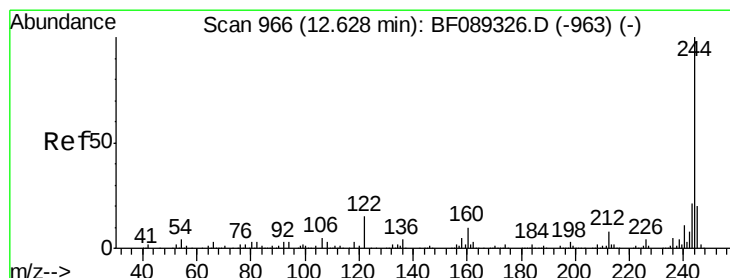
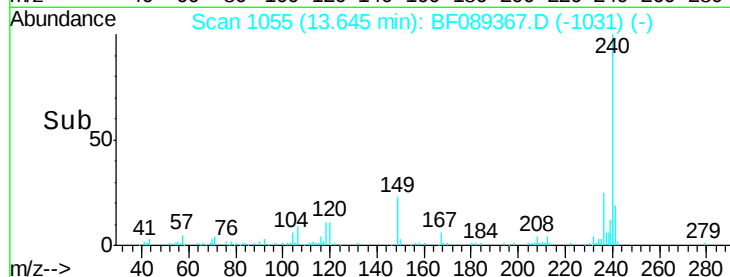
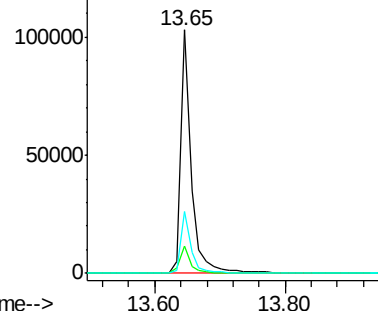
236 25.2 20.6 30.8



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: 76.24 ng

RT: 12.62 min Scan# 965

Delta R.T. -0.01 min

Lab File: BF089367.D

Acq: 28 Jul 2016 17:23

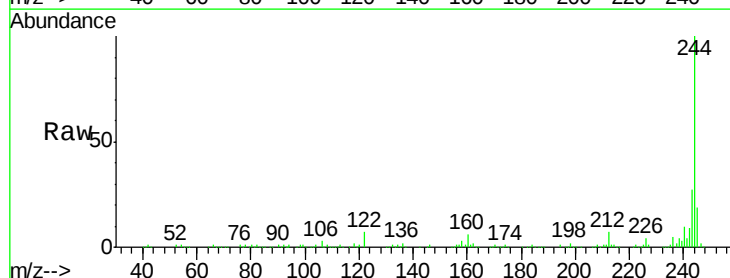
Tgt Ion:244 Resp: 378528

Ion Ratio Lower Upper

244 100

212 7.0 6.5 9.7

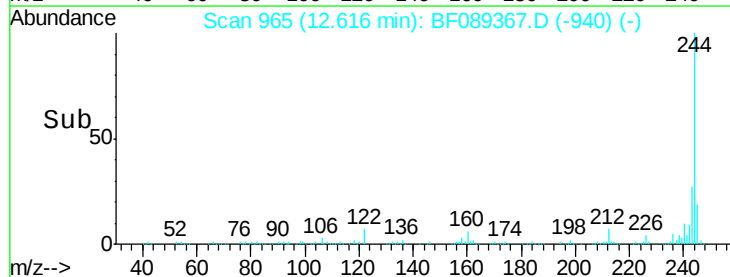
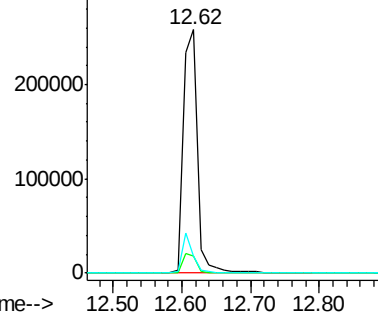
122 6.9 11.4 17.0#

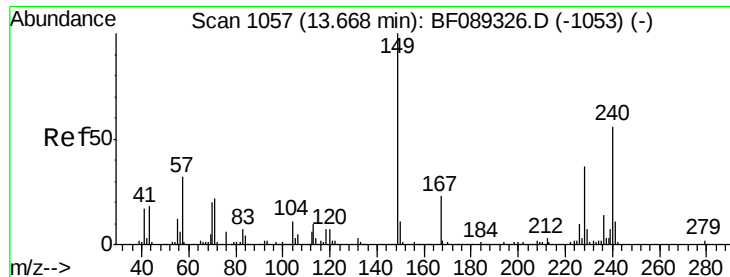


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#83

Bis(2-ethylhexyl)phthalate

Concen: 5.01 ng

RT: 13.65 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF089367.D

Acq: 28 Jul 2016 17:23

Instrument :

BNA_F

ClientSampleId :

PB92474BL

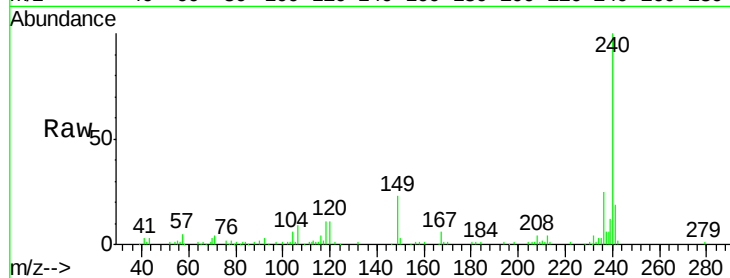
Tgt Ion:149 Resp: 28987

Ion Ratio Lower Upper

149 100

167 24.8 18.8 28.2

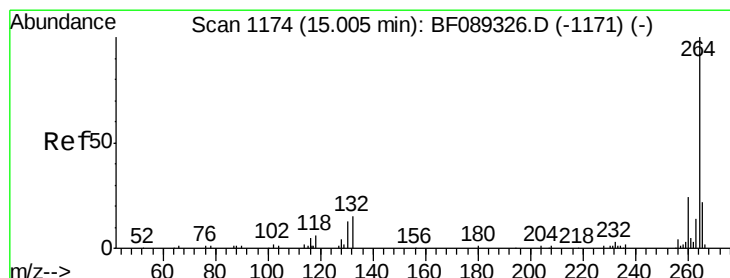
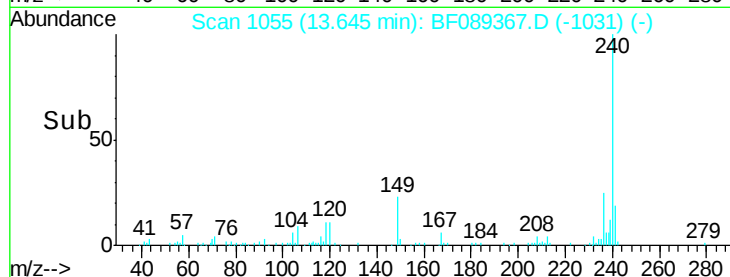
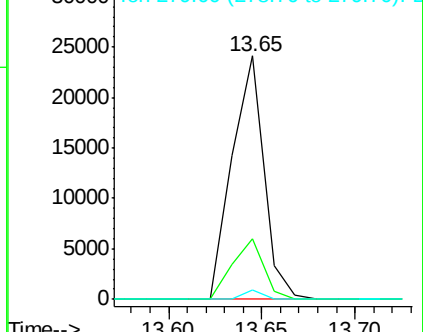
279 3.8 1.4 2.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 14.98 min Scan# 1172

Delta R.T. -0.02 min

Lab File: BF089367.D

Acq: 28 Jul 2016 17:23

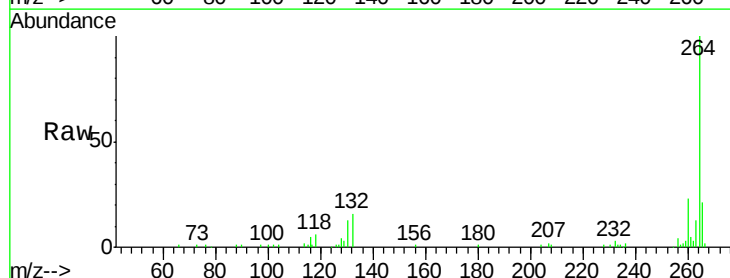
Tgt Ion:264 Resp: 84870

Ion Ratio Lower Upper

264 100

260 23.5 19.0 28.4

265 20.6 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

