

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089374.D
 Acq On : 28 Jul 2016 20:47
 Operator : UM/SJ
 Sample : H4200-02
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1607084521

Quant Time: Jul 29 01:17:02 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

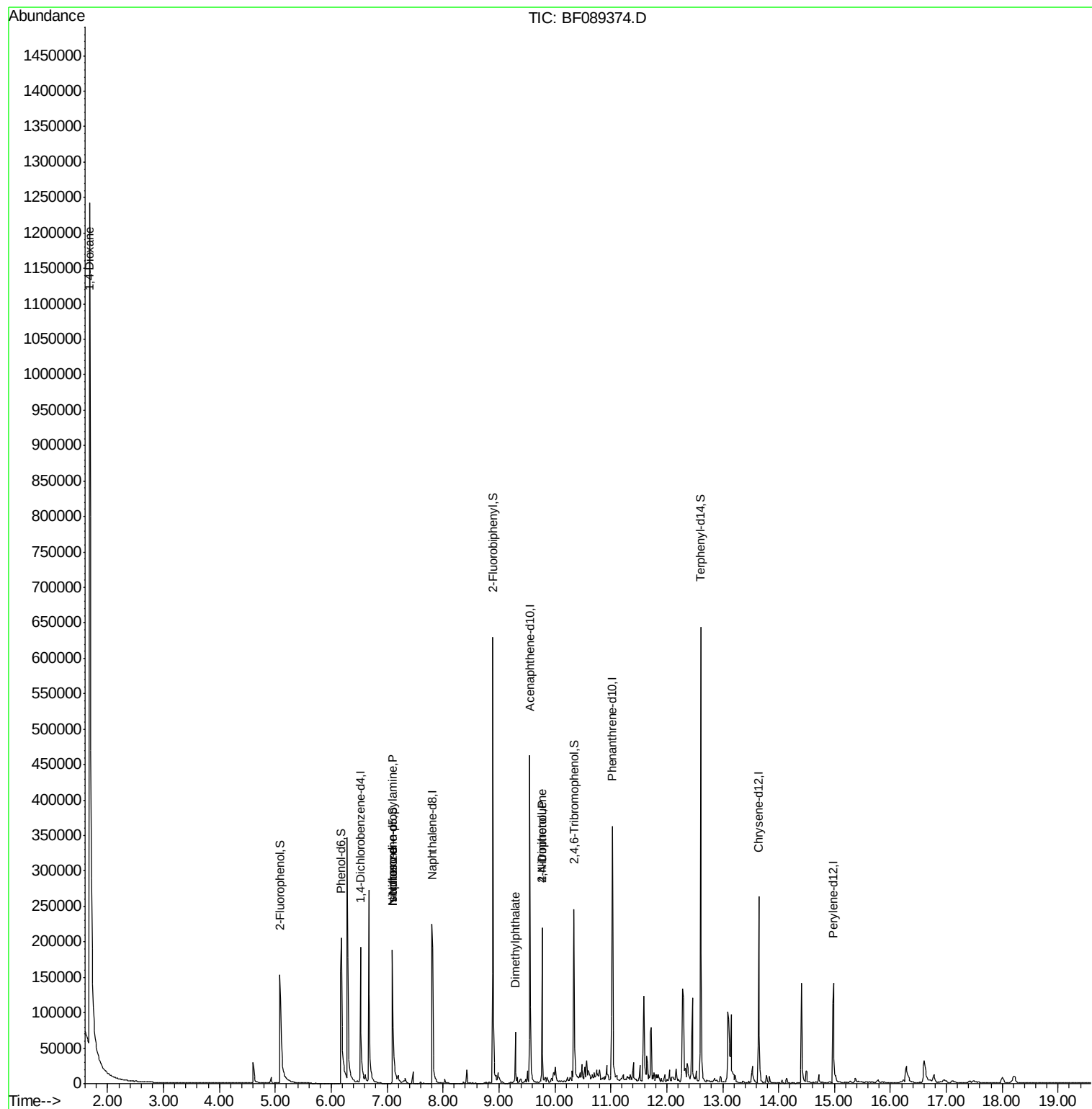
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.52	152	43161	20.00	ng	-0.02
21) Naphthalene-d8	7.80	136	181127	20.00	ng	-0.02
38) Acenaphthene-d10	9.55	164	90151	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	162795	20.00	ng	-0.02
75) Chrysene-d12	13.65	240	104770	20.00	ng	-0.02
86) Perylene-d12	14.98	264	82226	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.08	112	105565	39.05	ng	-0.02
7) Phenol-d6	6.18	99	160871	45.03	ng	-0.02
23) Nitrobenzene-d5	7.10	82	106901	34.84	ng	-0.02
41) 2,4,6-Tribromophenol	10.34	330	40176	53.81	ng	-0.02
44) 2-Fluorobiphenyl	8.89	172	233961	38.09	ng	-0.02
78) Terphenyl-d14	12.61	244	206364	46.10	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.68	88	63715	53.18	ng	# 26
19) n-Nitroso-di-n-propylamine	7.10	70	12886	5.98	ng	# 80
25) Isophorone	7.10	82	101801	16.47	ng	# 67
49) Dimethylphthalate	9.29	163	32831	4.79	ng	98
55) 4-Nitrophenol	9.77	139	464	6.77	ng	# 1
56) 2,4-Dinitrotoluene	9.77	165	5902	3.18	ng	# 13

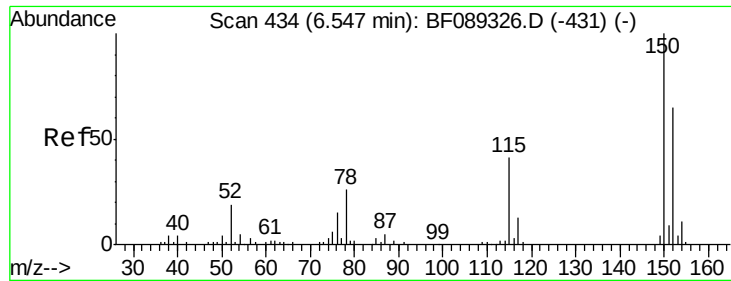
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
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QLast Update : Thu Jul 28 16:02:32 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.52 min Scan# 432

Delta R.T. -0.02 min

Lab File: BF089374.D

Acq: 28 Jul 2016 20:47

Instrument :

BNA_F

ClientSampleId :

1607084521

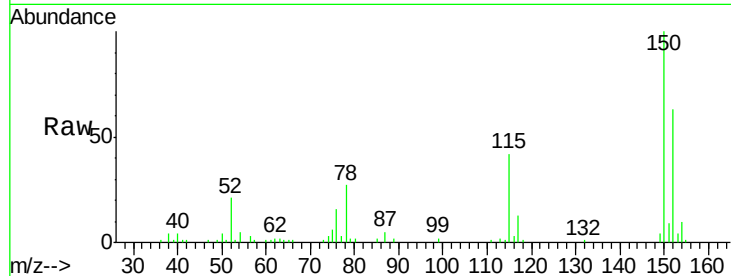
Tgt Ion:152 Resp: 43161

Ion Ratio Lower Upper

152 100

150 157.5 129.5 194.3

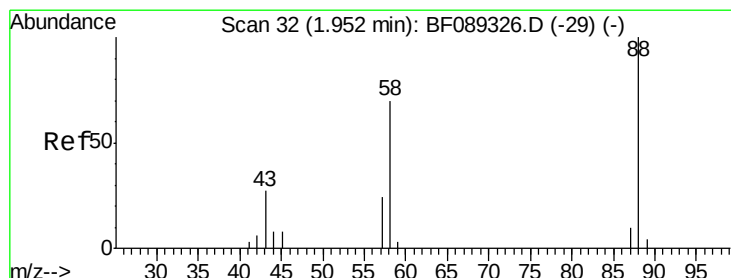
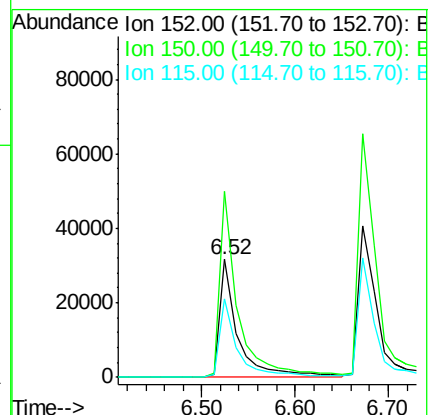
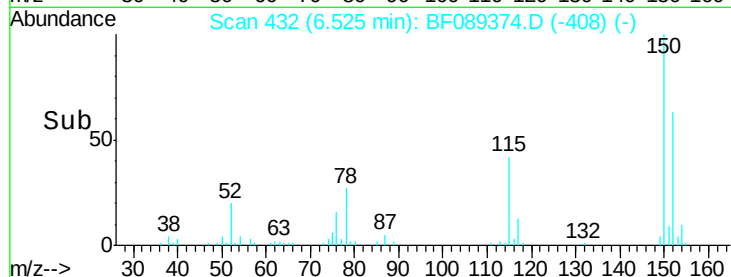
115 66.5 51.4 77.2



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



#2

1,4-Dioxane

Concen: 53.18 ng

RT: 1.68 min Scan# 8

Delta R.T. -0.27 min

Lab File: BF089374.D

Acq: 28 Jul 2016 20:47

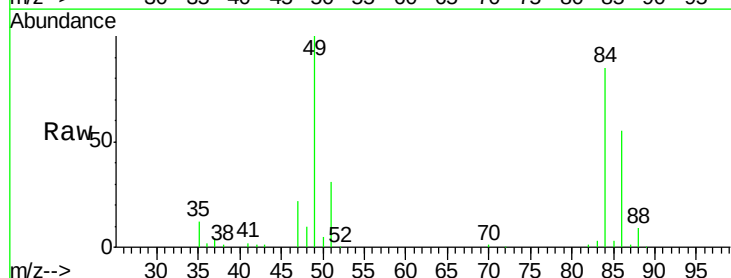
Tgt Ion: 88 Resp: 63715

Ion Ratio Lower Upper

88 100

58 0.0 53.2 79.8#

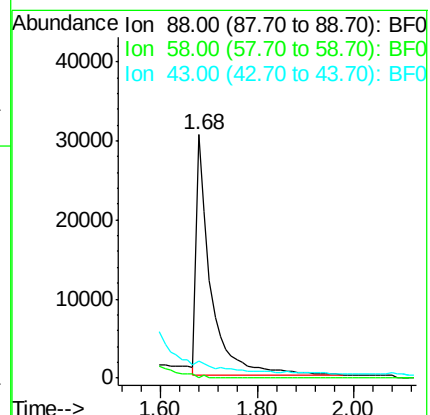
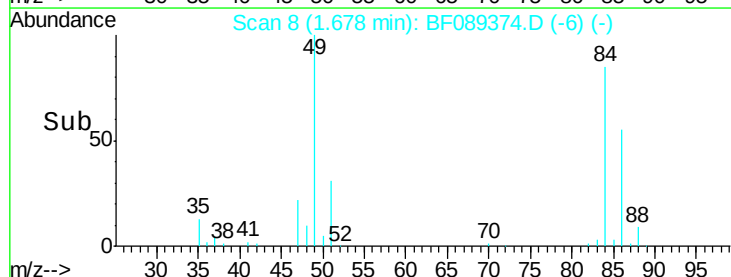
43 0.0 20.6 31.0#

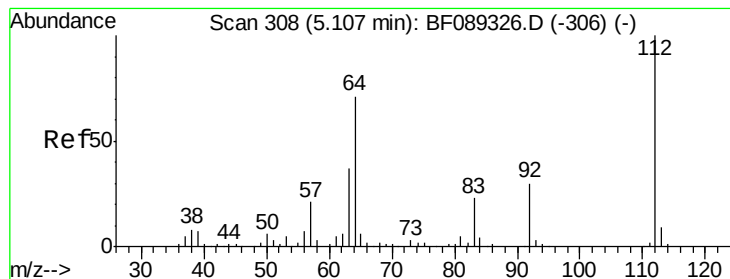


Abundance Ion 88.00 (87.70 to 88.70): BF0

Ion 58.00 (57.70 to 58.70): BF0

Ion 43.00 (42.70 to 43.70): BF0





#5

2-Fluorophenol

Concen: 39.05 ng

RT: 5.08 min Scan# 306

Delta R.T. -0.02 min

Lab File: BF089374.D

Acq: 28 Jul 2016 20:47

Instrument :

BNA_F

ClientSampleId :

1607084521

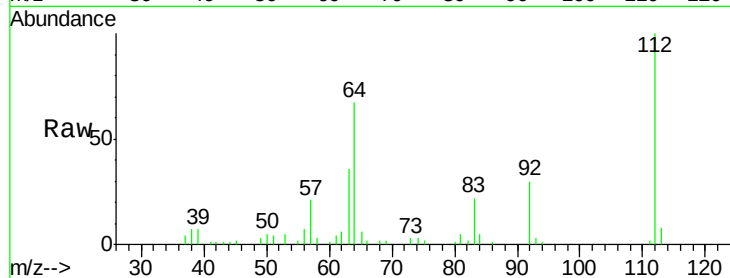
Tgt Ion: 112 Resp: 105565

Ion Ratio Lower Upper

112 100

64 67.1 55.0 82.6

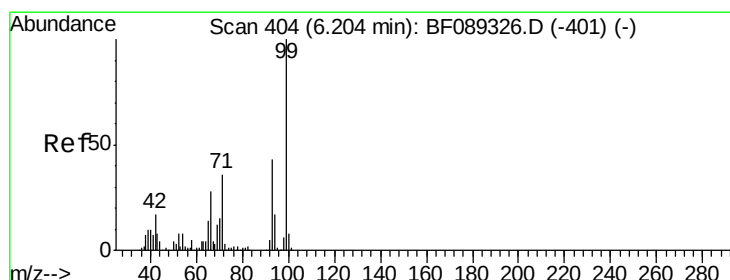
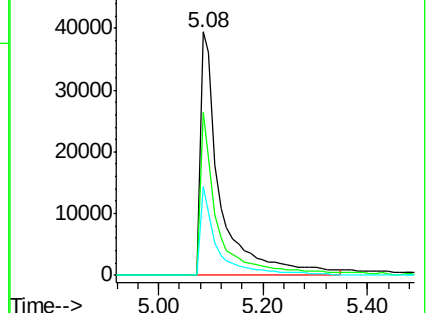
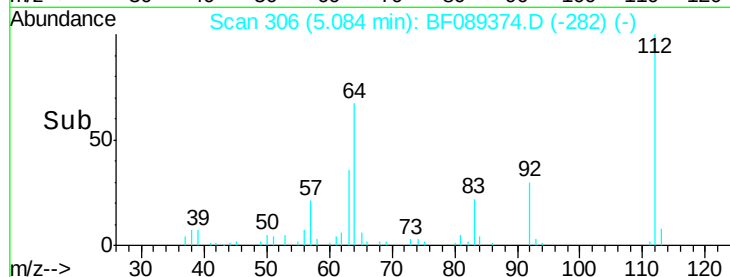
63 36.3 29.4 44.2



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0



#7

Phenol-d6

Concen: 45.03 ng

RT: 6.18 min Scan# 402

Delta R.T. -0.02 min

Lab File: BF089374.D

Acq: 28 Jul 2016 20:47

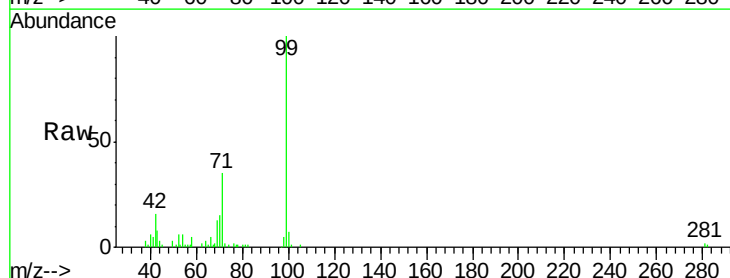
Tgt Ion: 99 Resp: 160871

Ion Ratio Lower Upper

99 100

42 15.9 13.6 20.4

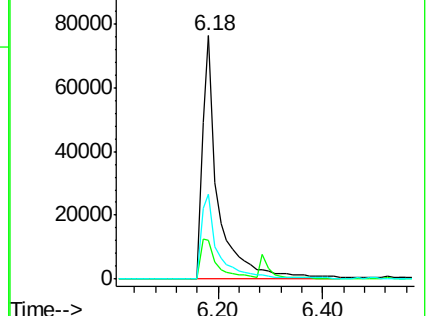
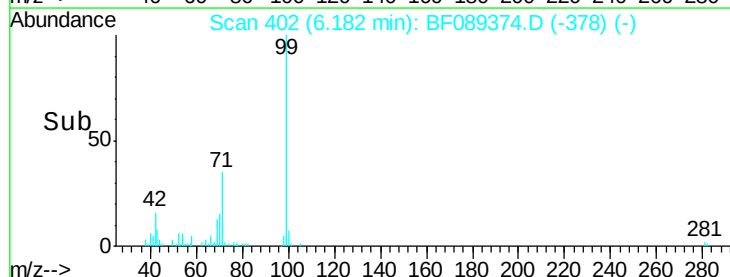
71 34.8 29.4 44.2

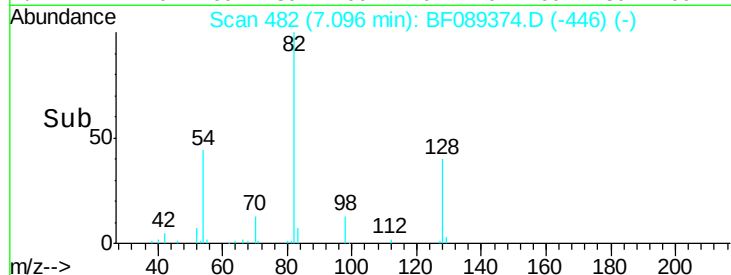
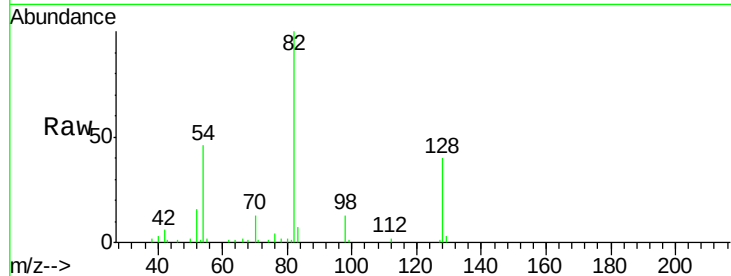
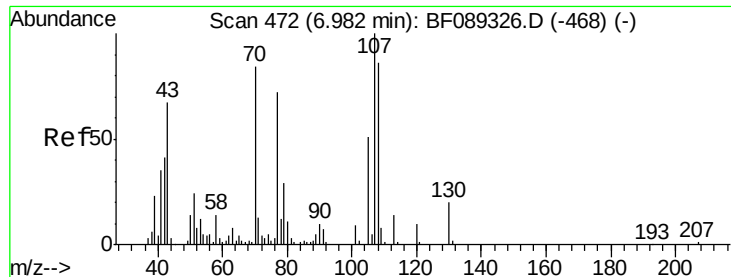


Abundance Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0

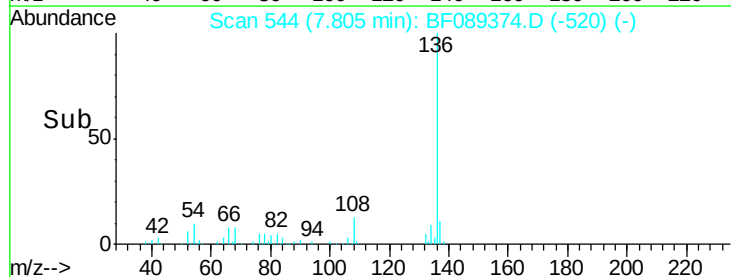
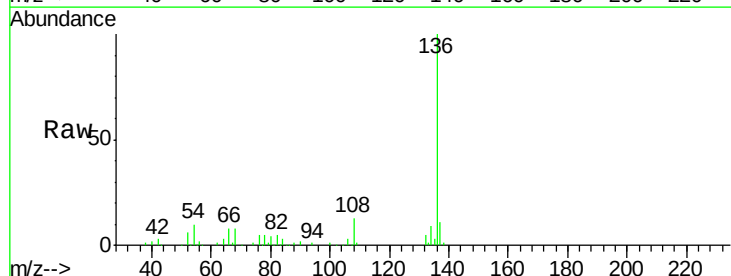
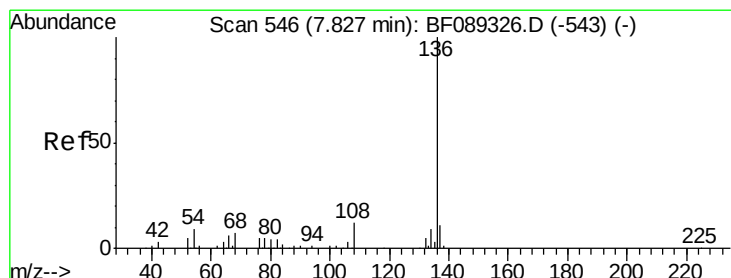
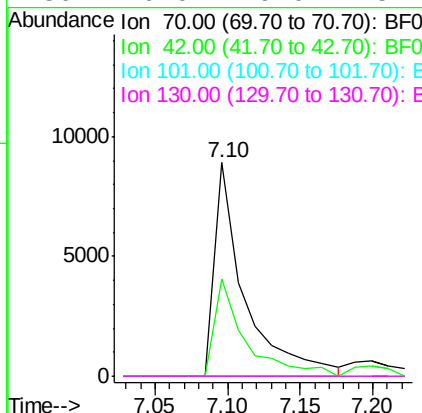




#19
n-Nitroso-di-n-propylamine
Concen: 5.98 ng
RT: 7.10 min Scan# 482
Delta R.T. 0.11 min
Lab File: BF089374.D
Acq: 28 Jul 2016 20:47

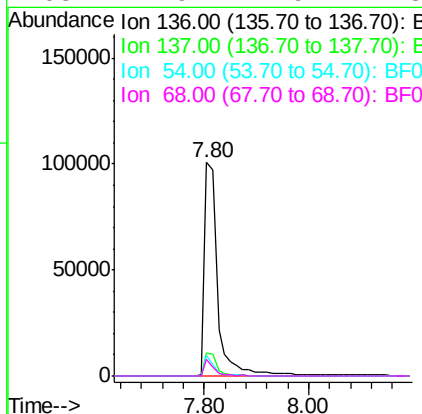
Instrument :
BNA_F
ClientSampleId :
1607084521

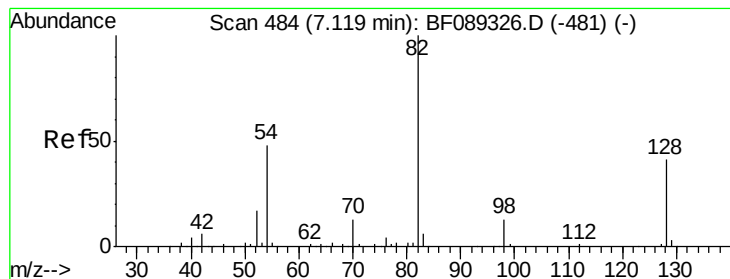
Tgt Ion: 70 Resp: 12886
Ion Ratio Lower Upper
70 100
42 45.4 38.6 57.8
101 0.0 8.3 12.5#
130 0.0 19.0 28.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.80 min Scan# 544
Delta R.T. -0.02 min
Lab File: BF089374.D
Acq: 28 Jul 2016 20:47

Tgt Ion: 136 Resp: 181127
Ion Ratio Lower Upper
136 100
137 11.1 8.6 13.0
54 9.9 7.0 10.4
68 7.9 4.9 7.3#





#23

Nitrobenzene-d5

Concen: 34.84 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.02 min

Lab File: BF089374.D

Acq: 28 Jul 2016 20:47

Instrument :

BNA_F

ClientSampleId :

1607084521

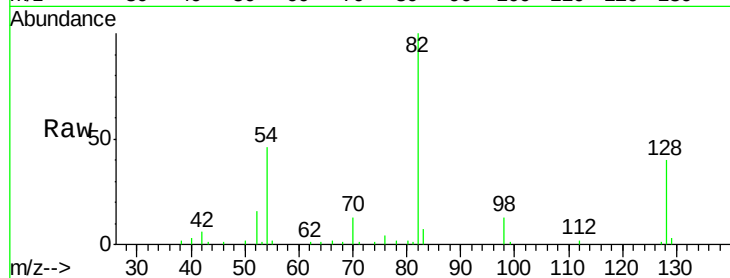
Tgt Ion: 82 Resp: 106901

Ion Ratio Lower Upper

82 100

128 39.9 32.5 48.7

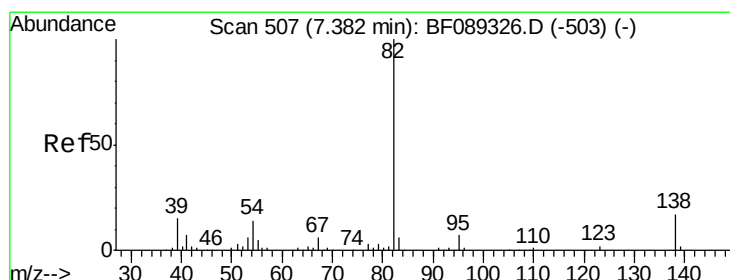
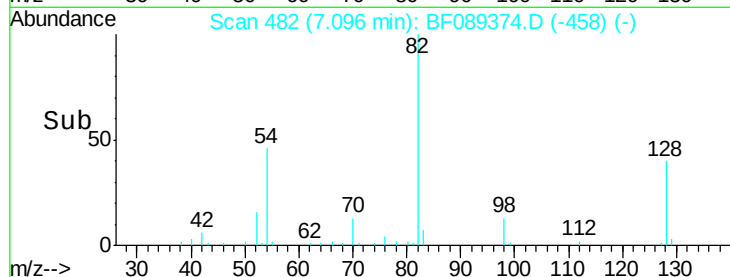
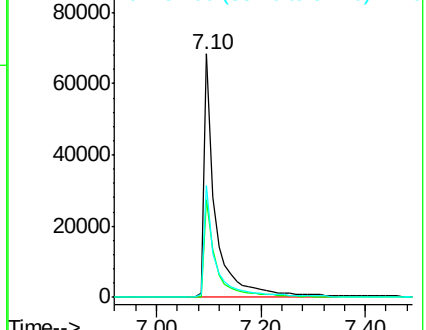
54 45.7 38.8 58.2



Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): BF0

Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 16.47 ng

RT: 7.10 min Scan# 482

Delta R.T. -0.29 min

Lab File: BF089374.D

Acq: 28 Jul 2016 20:47

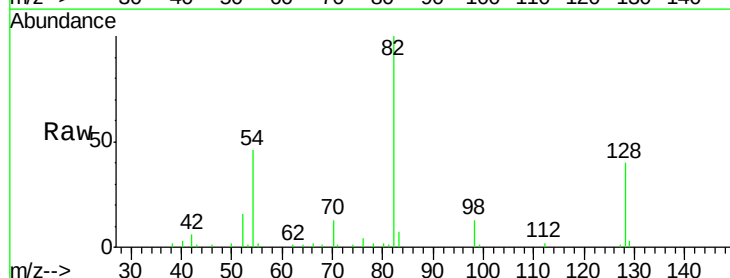
Tgt Ion: 82 Resp: 101801

Ion Ratio Lower Upper

82 100

95 0.0 6.0 9.0#

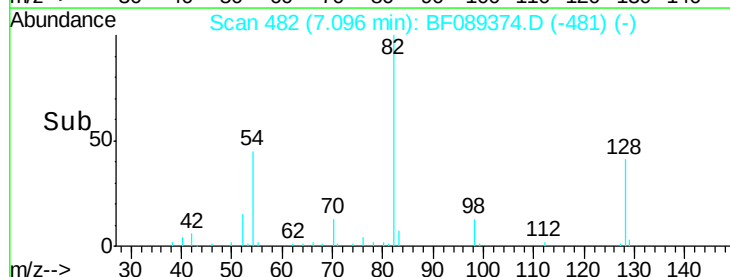
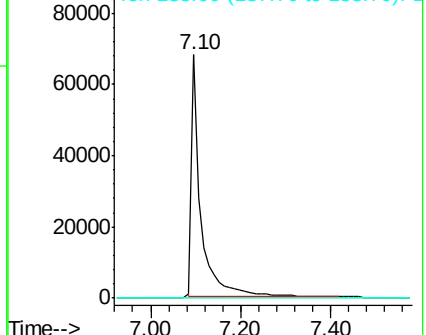
138 0.0 13.3 19.9#

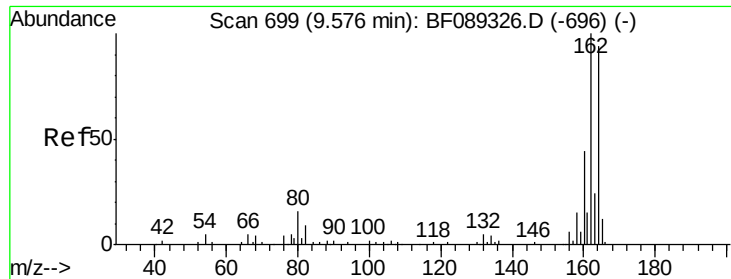


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.55 min Scan# 697

Delta R.T. -0.02 min

Lab File: BF089374.D

Acq: 28 Jul 2016 20:47

Instrument :

BNA_F

ClientSampleId :

1607084521

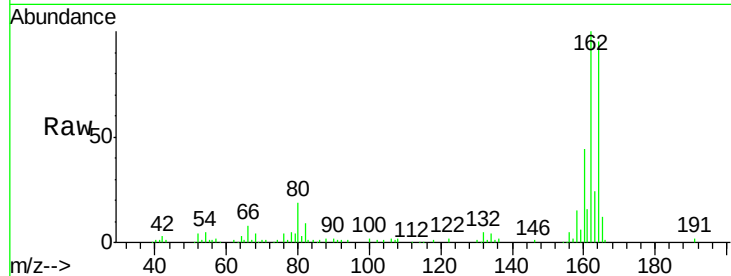
Tgt Ion:164 Resp: 90151

Ion Ratio Lower Upper

164 100

162 105.0 83.7 125.5

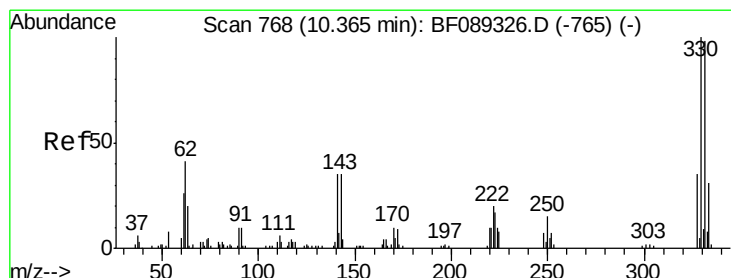
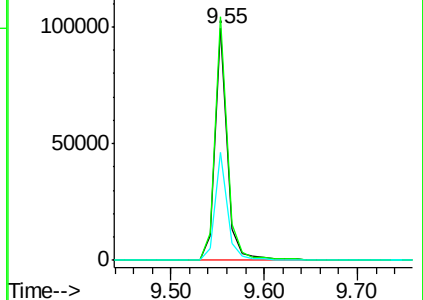
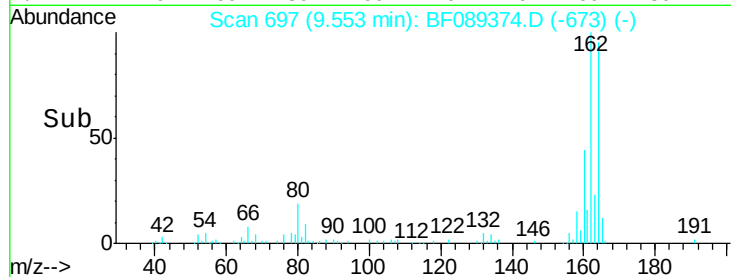
160 46.6 37.8 56.6



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: 53.81 ng

RT: 10.34 min Scan# 766

Delta R.T. -0.02 min

Lab File: BF089374.D

Acq: 28 Jul 2016 20:47

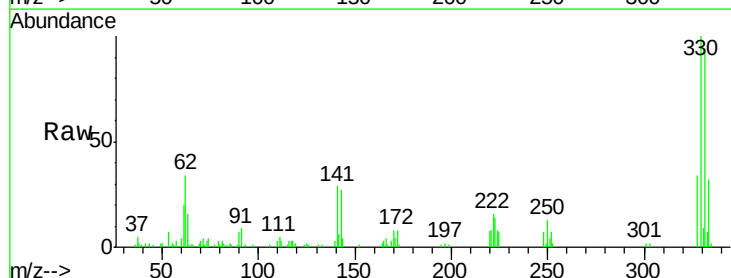
Tgt Ion:330 Resp: 40176

Ion Ratio Lower Upper

330 100

332 95.4 76.8 115.2

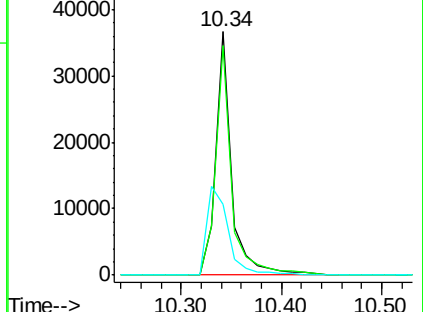
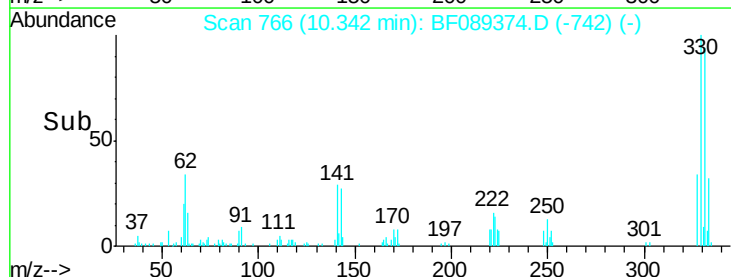
141 49.8 37.3 55.9

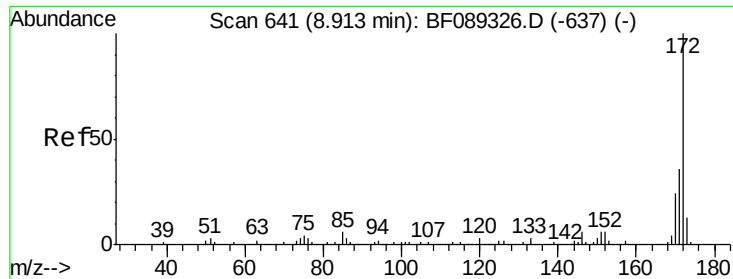


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

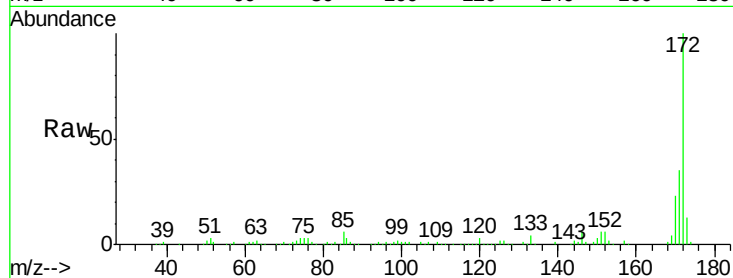




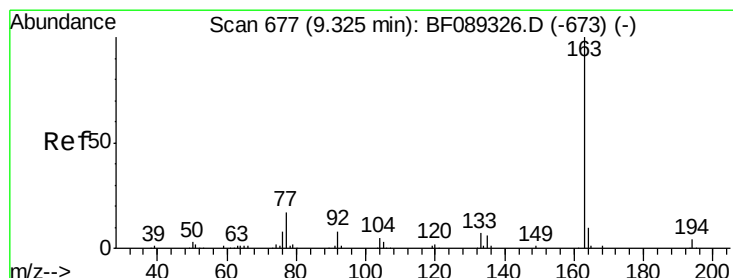
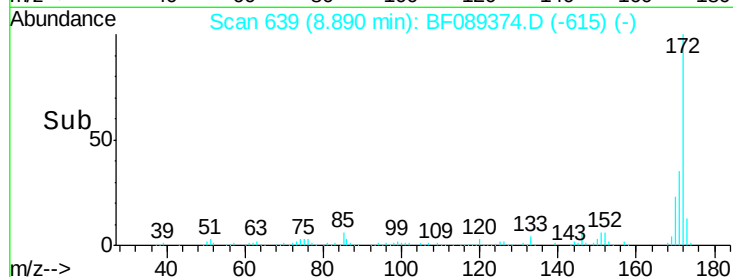
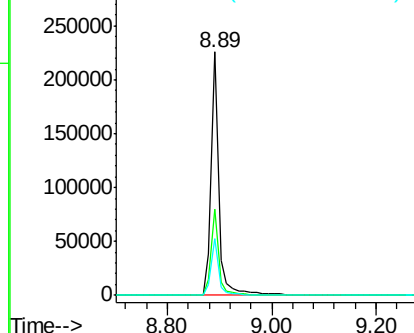
#44
 2-Fluorobiphenyl
 Concen: 38.09 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089374.D
 Acq: 28 Jul 2016 20:47

Instrument :
 BNA_F
 ClientSampleId :
 1607084521

Tgt Ion:172 Resp: 233961
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.2 43.8
 170 23.2 19.2 28.8

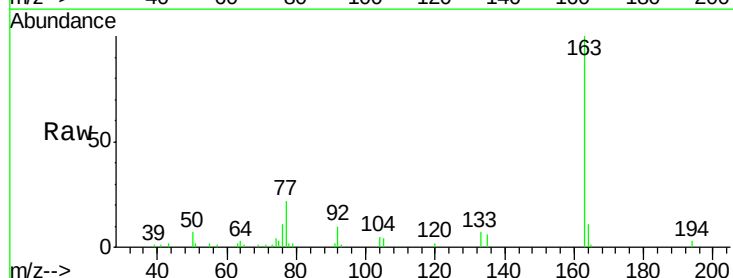


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

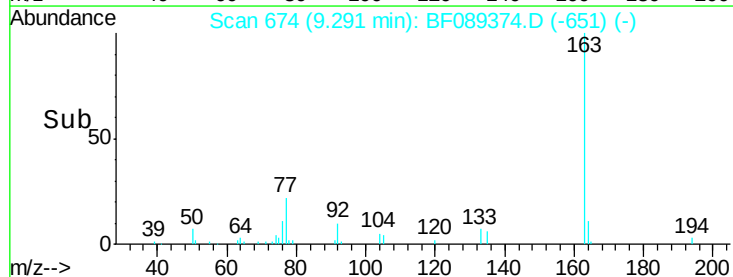
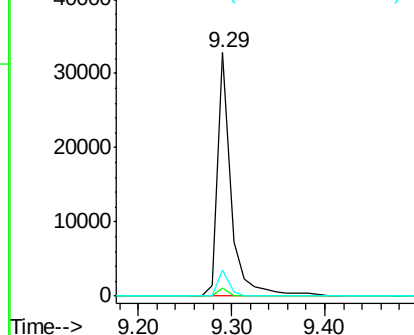


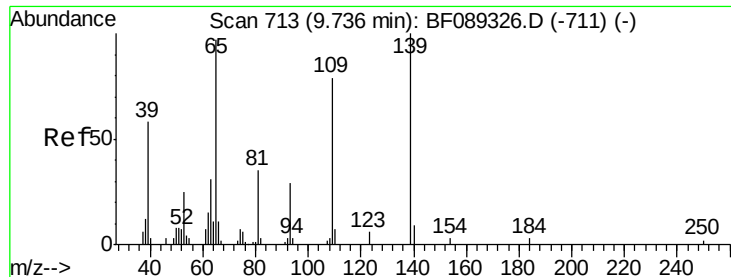
#49
 Dimethylphthalate
 Concen: 4.79 ng
 RT: 9.29 min Scan# 674
 Delta R.T. -0.03 min
 Lab File: BF089374.D
 Acq: 28 Jul 2016 20:47

Tgt Ion:163 Resp: 32831
 Ion Ratio Lower Upper
 163 100
 194 3.3 2.8 4.2
 164 10.6 7.8 11.8



Abundance Ion 163.00 (162.70 to 163.70): E
 Ion 194.00 (193.70 to 194.70): E
 Ion 164.00 (163.70 to 164.70): E





#55

4-Nitrophenol

Concen: 6.77 ng

RT: 9.77 min Scan# 716

Delta R.T. 0.03 min

Lab File: BF089374.D

Acq: 28 Jul 2016 20:47

Instrument :

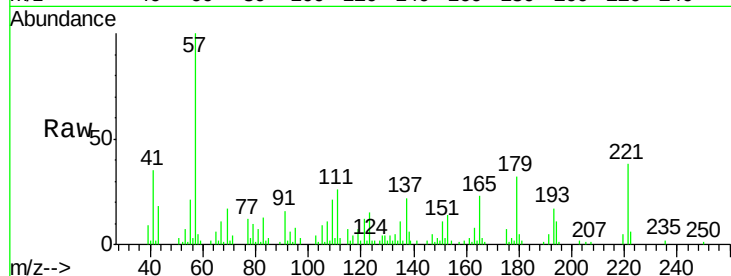
BNA_F

ClientSampleId :

1607084521

Tgt Ion:139 Resp: 464

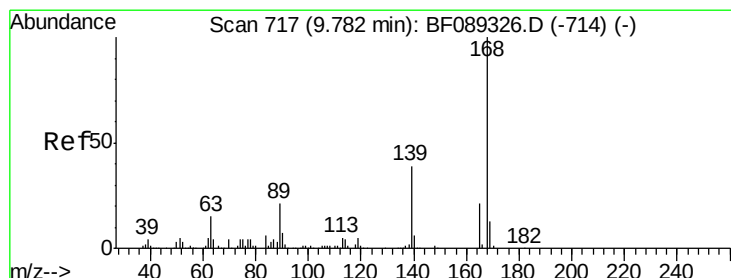
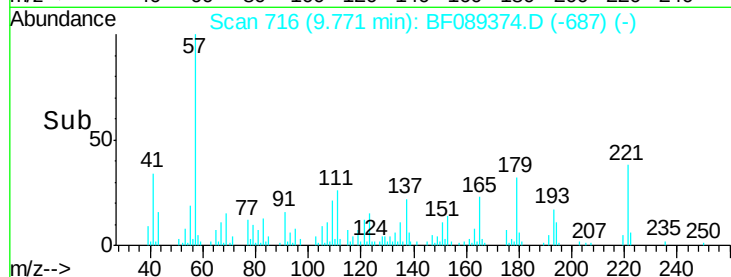
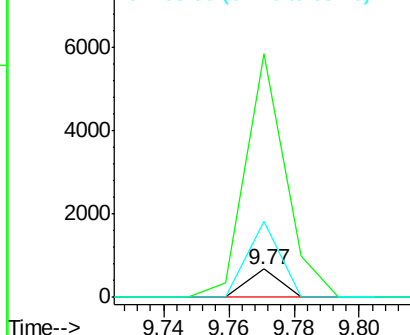
Ion	Ratio	Lower	Upper
139	100		
109	863.2	57.8	97.8#
65	271.3	81.7	121.7#



Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0



#56

2,4-Dinitrotoluene

Concen: 3.18 ng

RT: 9.77 min Scan# 716

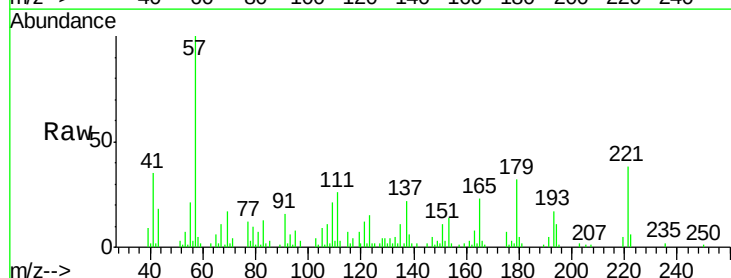
Delta R.T. -0.01 min

Lab File: BF089374.D

Acq: 28 Jul 2016 20:47

Tgt Ion:165 Resp: 5902

Ion	Ratio	Lower	Upper
165	100		
63	6.9	58.2	87.2#
89	4.8	79.1	118.7#
182	0.0	1.8	2.8#

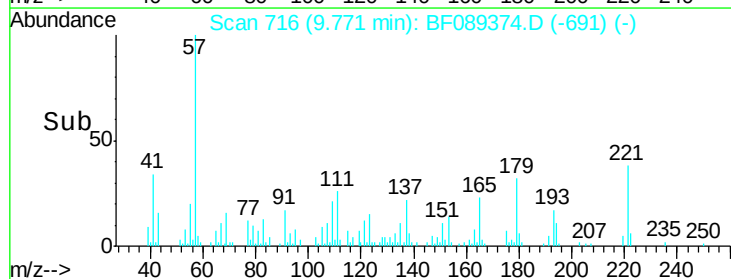
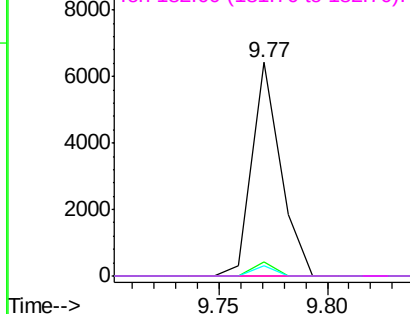


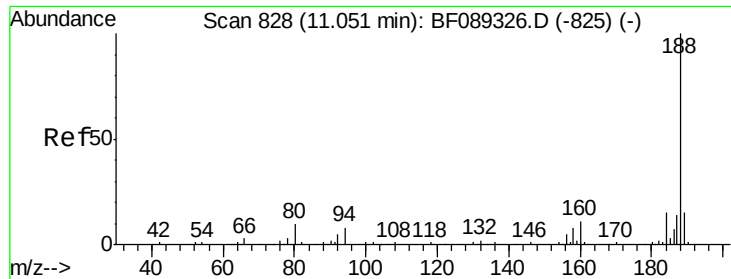
Abundance Ion 165.00 (164.70 to 165.70): E

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

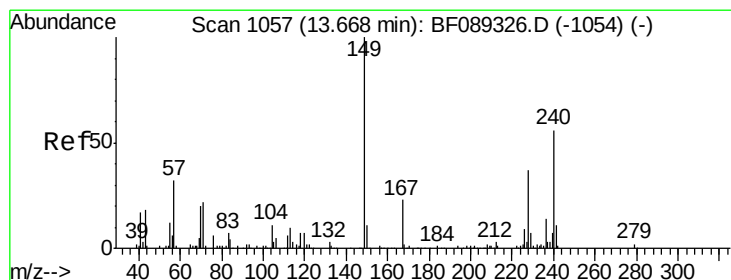
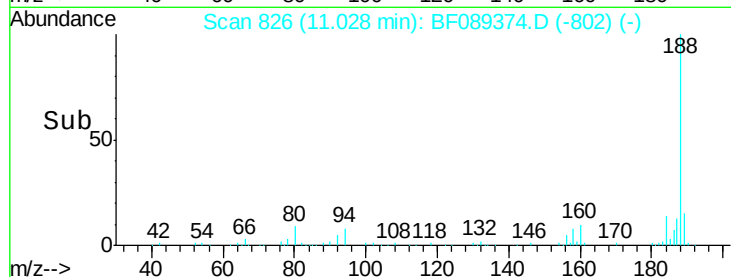
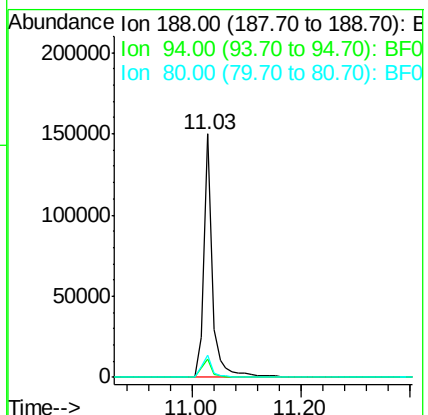
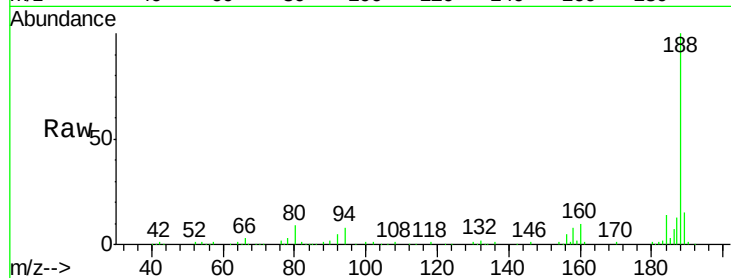




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF089374.D
Acq: 28 Jul 2016 20:47

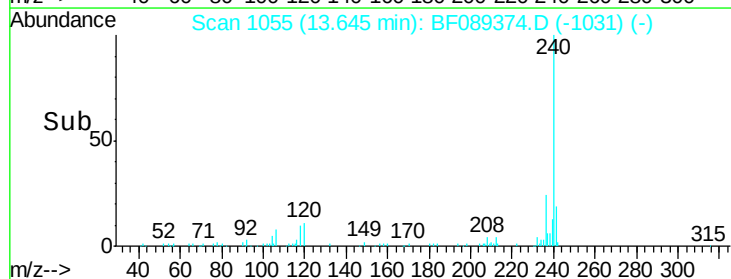
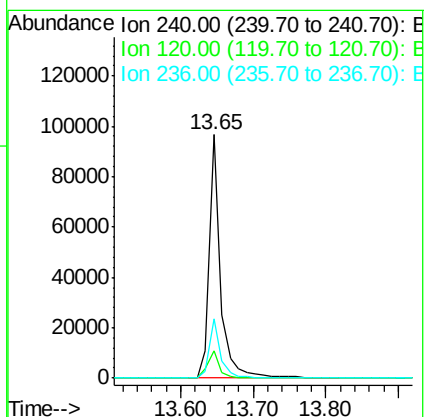
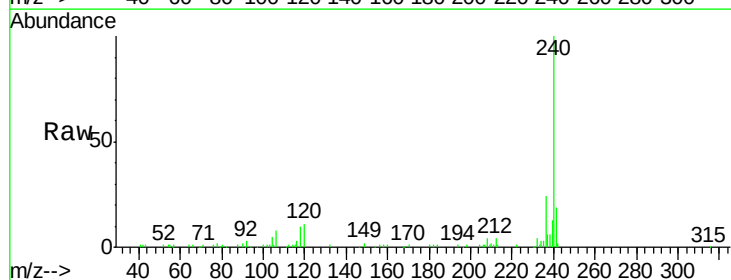
Instrument :
BNA_F
ClientSampleId :
1607084521

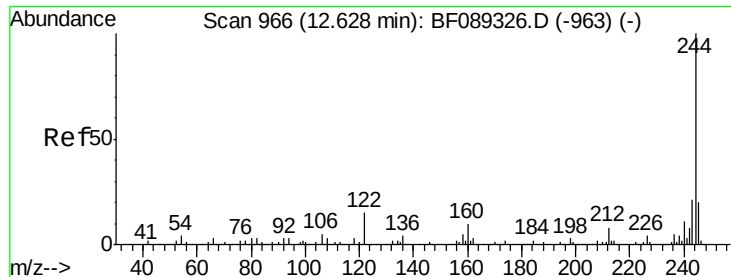
Tgt Ion:188 Resp: 162795
Ion Ratio Lower Upper
188 100
94 7.6 6.5 9.7
80 9.0 7.2 10.8



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.65 min Scan# 1055
Delta R.T. -0.02 min
Lab File: BF089374.D
Acq: 28 Jul 2016 20:47

Tgt Ion:240 Resp: 104770
Ion Ratio Lower Upper
240 100
120 11.0 9.1 13.7
236 24.3 20.6 30.8

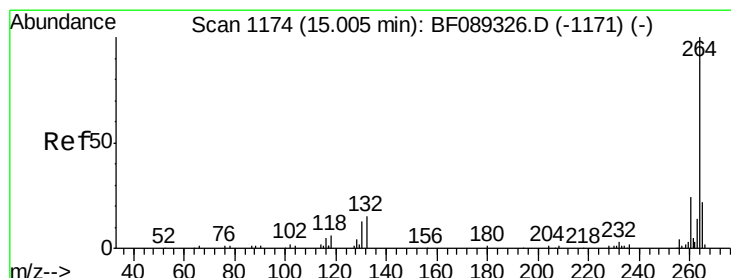
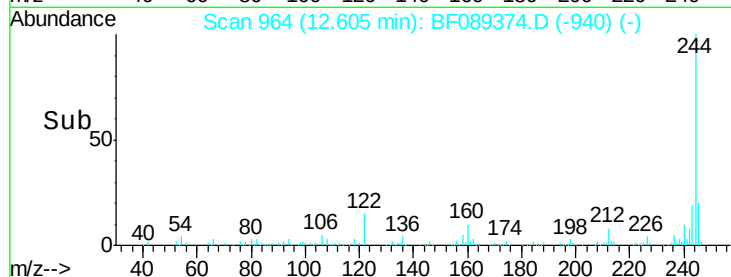
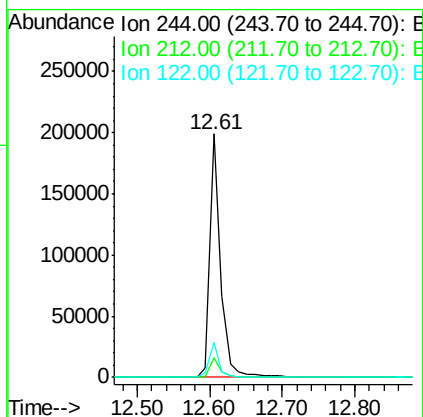
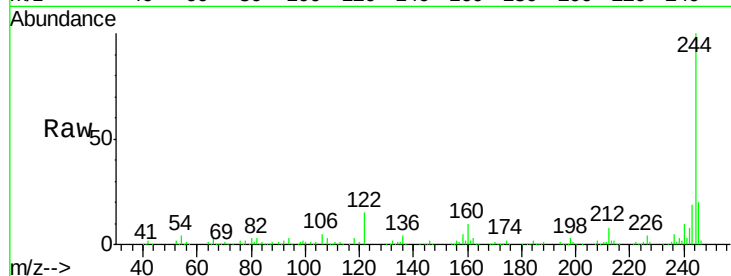




#78
 Terphenyl-d14
 Concen: 46.10 ng
 RT: 12.61 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BF089374.D
 Acq: 28 Jul 2016 20:47

Instrument :
 BNA_F
 ClientSampled :
 1607084521

Tgt Ion:244 Resp: 206364
 Ion Ratio Lower Upper
 244 100
 212 8.0 6.5 9.7
 122 14.5 11.4 17.0



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 14.98 min Scan# 1172
 Delta R.T. -0.02 min
 Lab File: BF089374.D
 Acq: 28 Jul 2016 20:47

Tgt Ion:264 Resp: 82226
 Ion Ratio Lower Upper
 264 100
 260 23.5 19.0 28.4
 265 20.6 17.5 26.3

