

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
 Data File : BF089375.D
 Acq On : 28 Jul 2016 21:16
 Operator : UM/SJ
 Sample : H4200-03 50X
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 1607134563-67(COMPO)

Quant Time: Jul 29 01:17:16 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

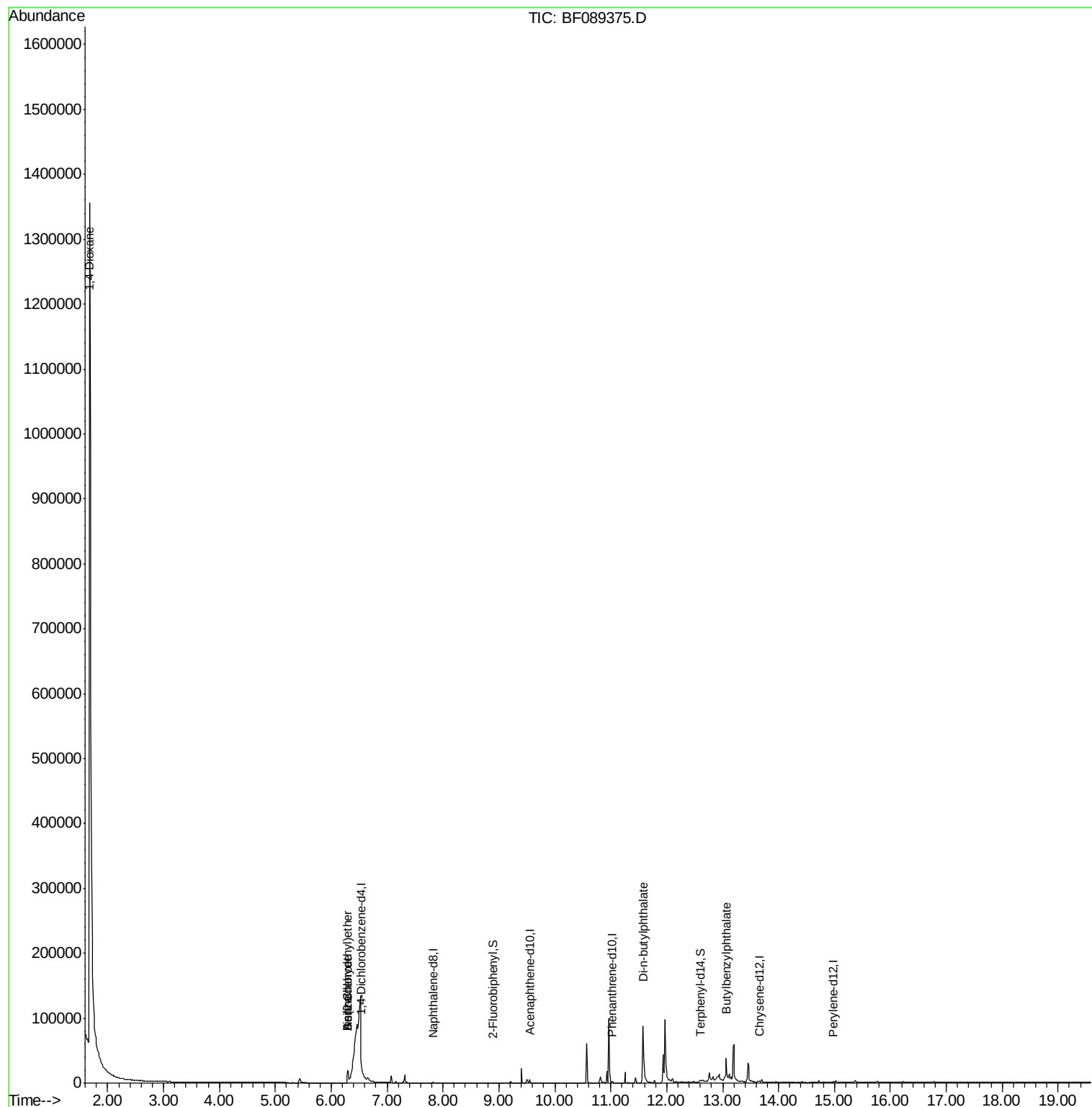
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.54	152	222	20.00	ng	-0.01
21) Naphthalene-d8	7.82	136	2708	20.00	ng	-0.01
38) Acenaphthene-d10	9.55	164	1521	20.00	ng	-0.02
63) Phenanthrene-d10	11.03	188	2479	20.00	ng	-0.02
75) Chrysene-d12	13.66	240	1464	20.00	ng	-0.01
86) Perylene-d12	14.98	264	977	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.89	172	496	4.79	ng	-0.02
78) Terphenyl-d14	12.60	244	217	3.47	ng	-0.02
Target Compounds						
2) 1,4-Dioxane	1.68	88	78210	13607.41	ng	Qvalue # 28
6) Aniline	6.28	93	1887	95.11	ng	# 26
9) Benzaldehyde	6.28	77	276	30.76	ng	# 1
11) bis(2-Chloroethyl)ether	6.28	93	1887	109.54	ng	# 26
73) Di-n-butylphthalate	11.58	149	1995	12.43	ng	# 78
79) Butylbenzylphthalate	13.06	149	209	4.14	ng	# 56

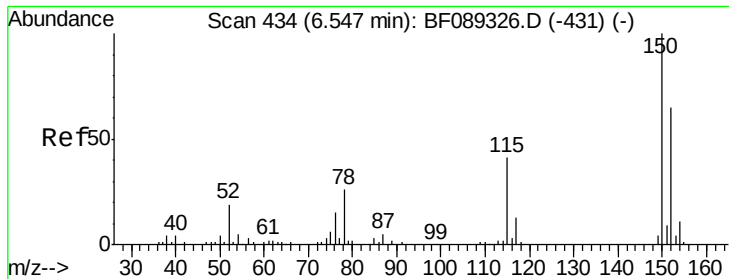
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072916\
Data File : BF089375.D
Acq On : 28 Jul 2016 21:16
Operator : UM/SJ
Sample : H4200-03 50X
Misc :
ALS Vial : 11 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
1607134563-67(COMPO)

Quant Time: Jul 29 01:17:16 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



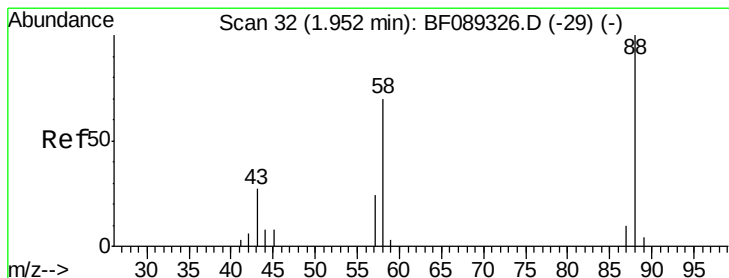
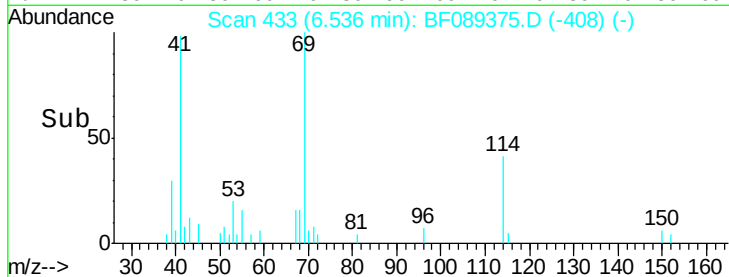
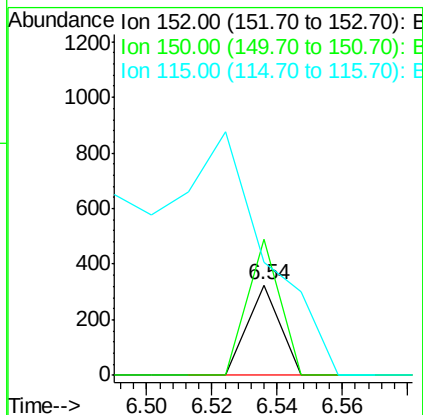
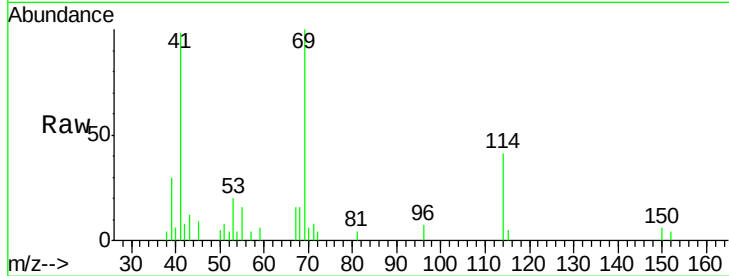


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF089375.D
Acq: 28 Jul 2016 21:16

Instrument :
BNA_F
ClientSampleId :
1607134563-67(COMPO)

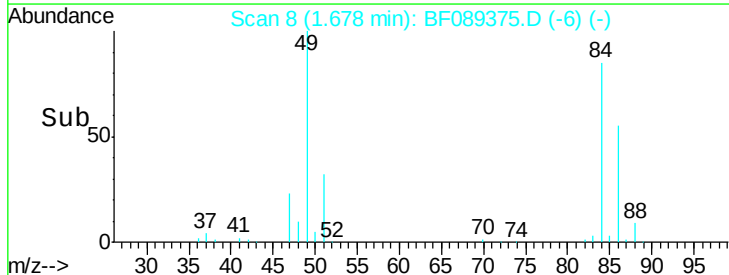
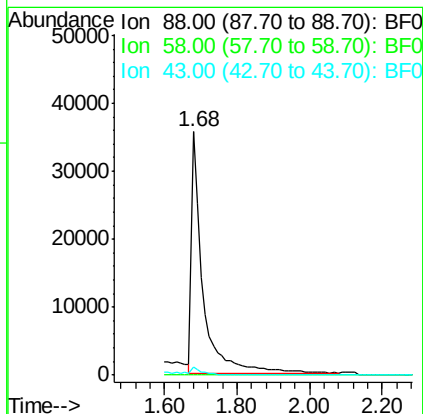
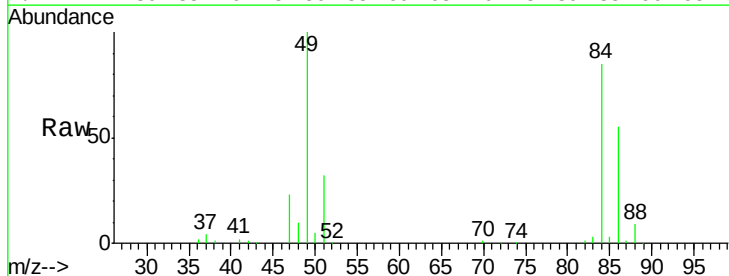
Tgt Ion: 152 Resp: 222
Ion Ratio Lower Upper
152 100
150 150.6 129.5 194.3
115 126.2 51.4 77.2#

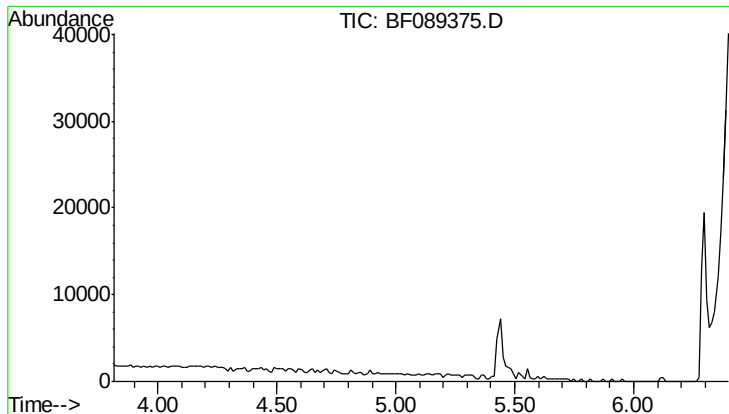


#2

1,4-Dioxane
Concen: 13607.41 ng
RT: 1.68 min Scan# 8
Delta R.T. -0.27 min
Lab File: BF089375.D
Acq: 28 Jul 2016 21:16

Tgt Ion: 88 Resp: 78210
Ion Ratio Lower Upper
88 100
58 0.0 53.2 79.8#
43 3.2 20.6 31.0#

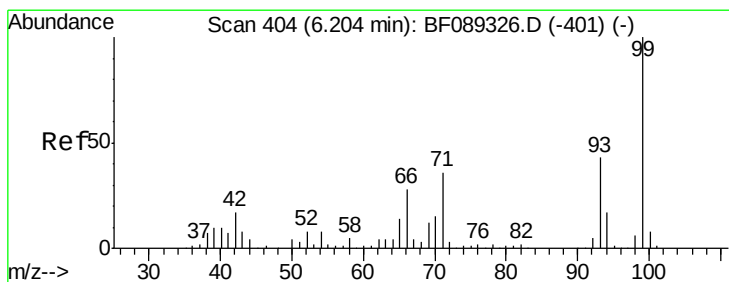
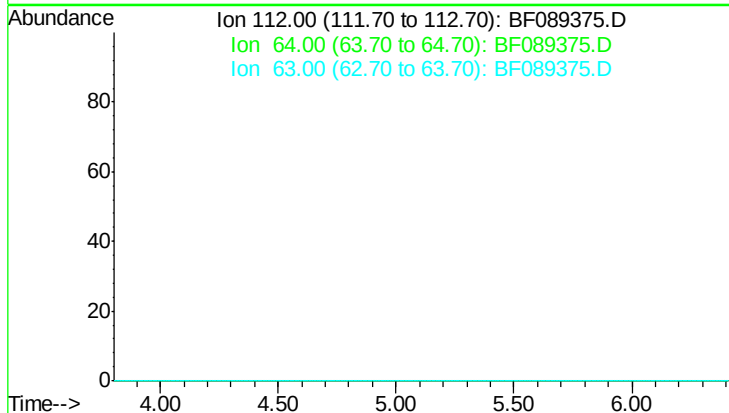




#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.11 min
 Lab File: BF089375.D
 Acq: 28 Jul 2016 21:16

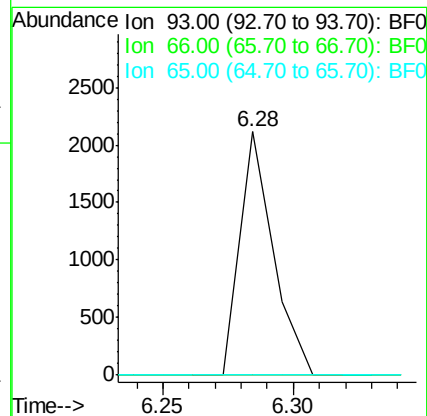
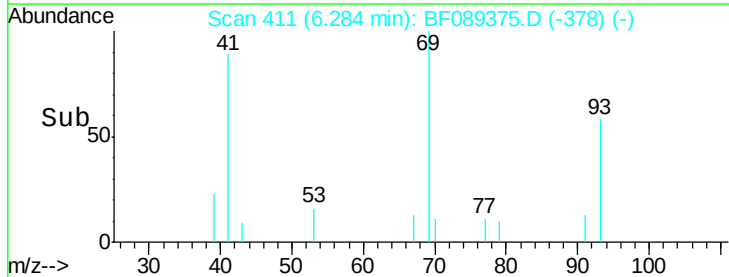
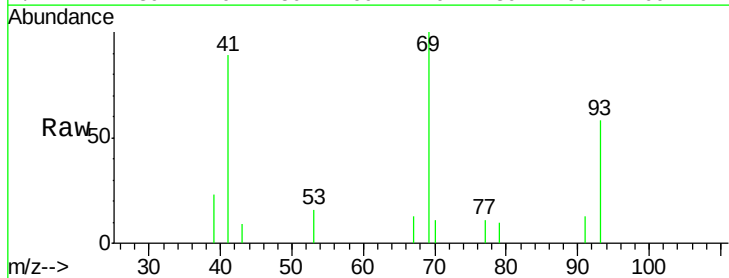
Instrument :
 BNA_F
 ClientSampleId :
 1607134563-67(COMPO)

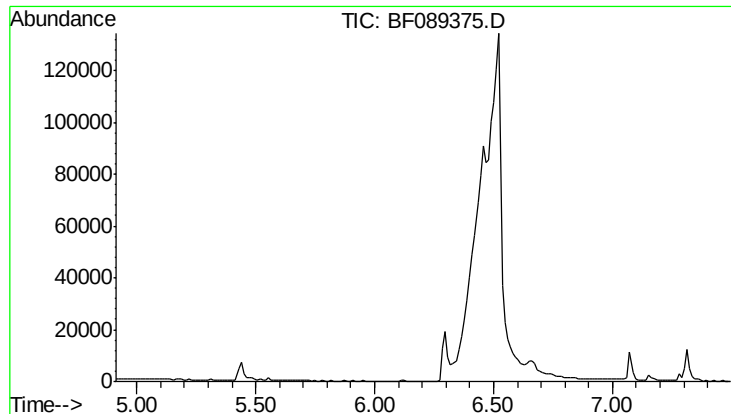
Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 68.8
 63 36.8



#6
 Aniline
 Concen: 95.11 ng
 RT: 6.28 min Scan# 411
 Delta R.T. 0.08 min
 Lab File: BF089375.D
 Acq: 28 Jul 2016 21:16

Tgt Ion: 93 Resp: 1887
 Ion Ratio Lower Upper
 93 100
 66 0.0 51.6 77.4#
 65 0.0 24.7 37.1#





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.20 min

Lab File: BF089375.D

Acq: 28 Jul 2016 21:16

Instrument :

BNA_F

ClientSampleId :

1607134563-67(COMPO)

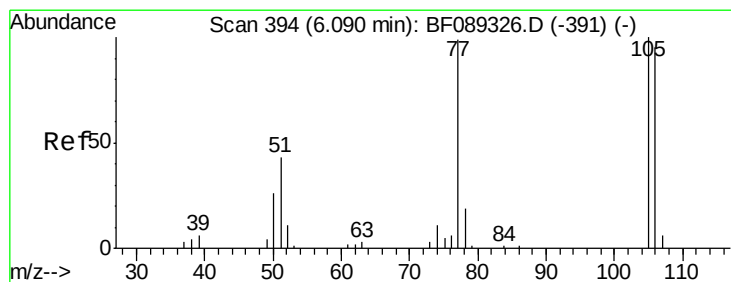
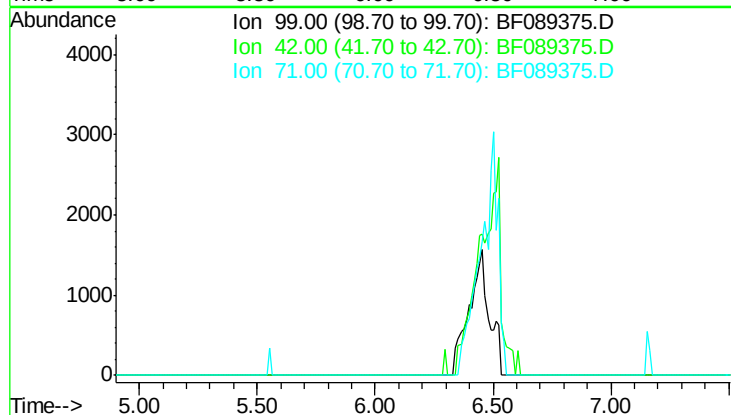
Tgt Ion: 99

Sig Exp Ratio

99 100

42 17.0

71 36.8



#9

Benzaldehyde

Concen: 30.76 ng

RT: 6.28 min Scan# 411

Delta R.T. 0.19 min

Lab File: BF089375.D

Acq: 28 Jul 2016 21:16

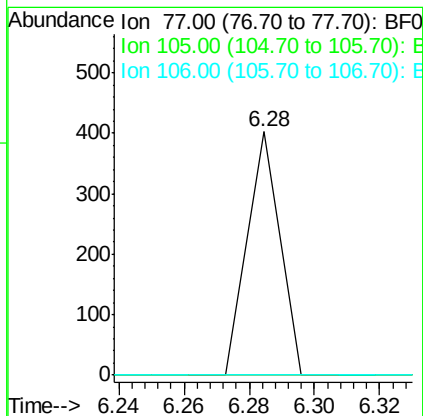
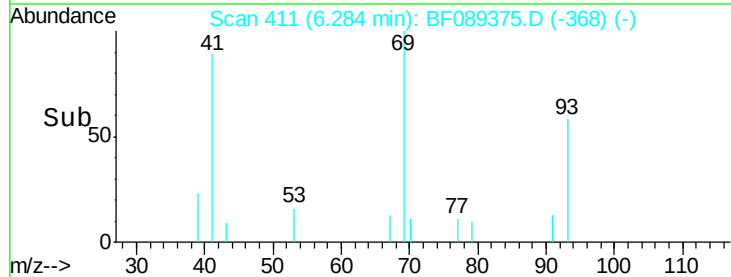
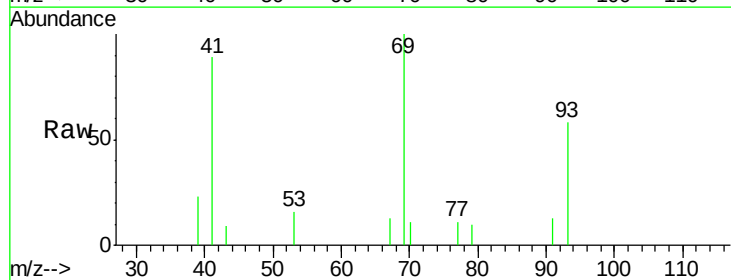
Tgt Ion: 77 Resp: 276

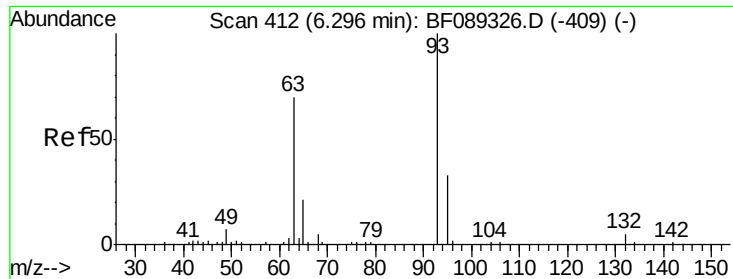
Ion Ratio Lower Upper

77 100

105 0.0 82.9 122.9#

106 0.0 75.9 115.9#

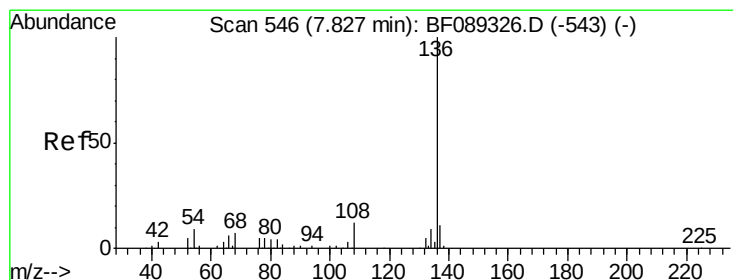
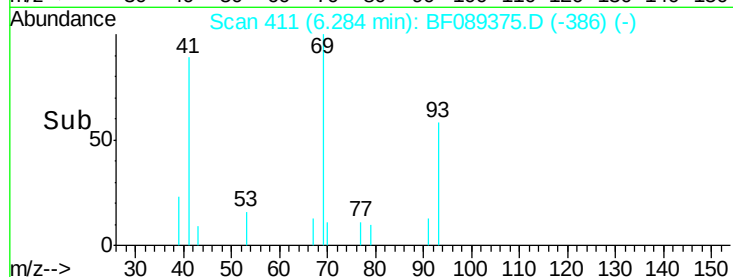
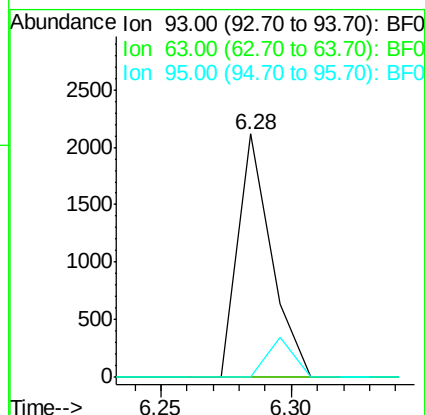
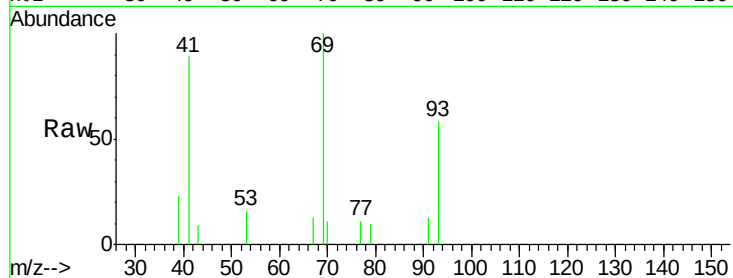




#11
bis(2-Chloroethyl)ether
Concen: 109.54 ng
RT: 6.28 min Scan# 411
Delta R.T. -0.01 min
Lab File: BF089375.D
Acq: 28 Jul 2016 21:16

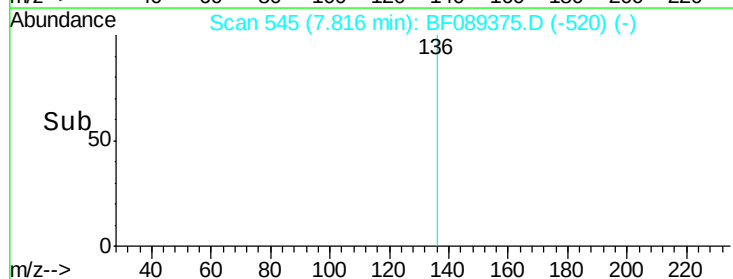
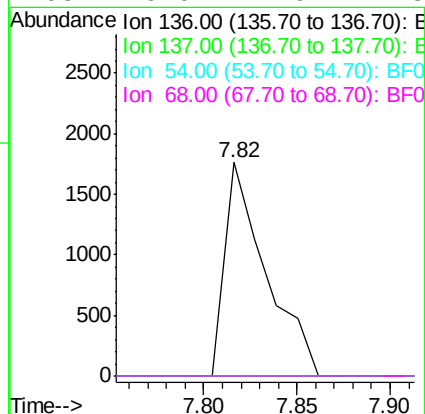
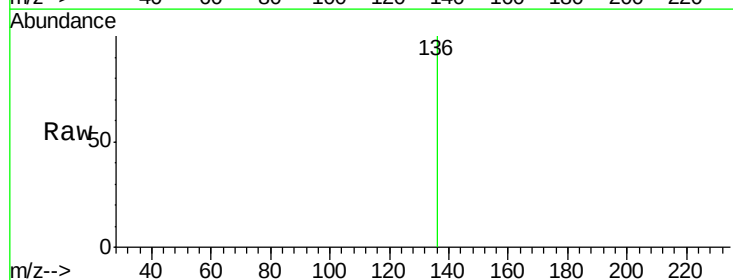
Instrument :
BNA_F
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1607134563-67(COMPO)

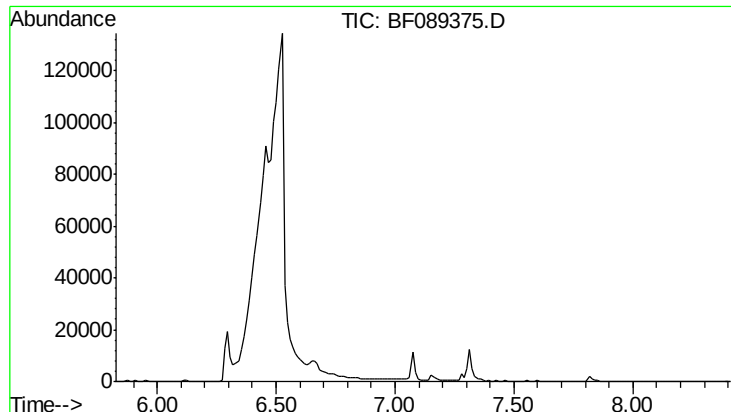
Tgt Ion: 93 Resp: 1887
Ion Ratio Lower Upper
93 100
63 0.0 45.6 85.6#
95 0.0 11.1 51.1#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.82 min Scan# 545
Delta R.T. -0.01 min
Lab File: BF089375.D
Acq: 28 Jul 2016 21:16

Tgt Ion: 136 Resp: 2708
Ion Ratio Lower Upper
136 100
137 0.0 8.6 13.0#
54 0.0 7.0 10.4#
68 0.0 4.9 7.3#

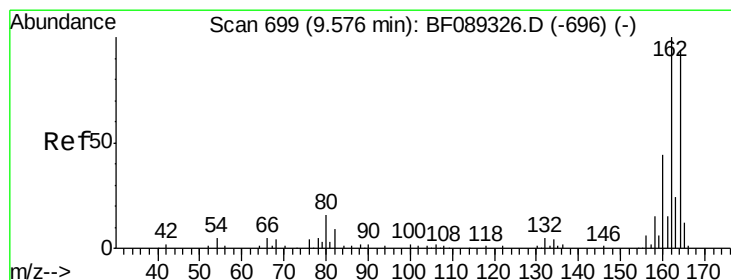
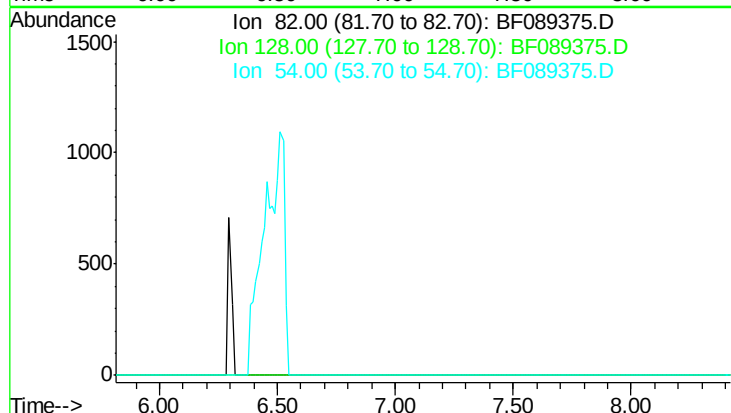




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.12 min
 Lab File: BF089375.D
 Acq: 28 Jul 2016 21:16

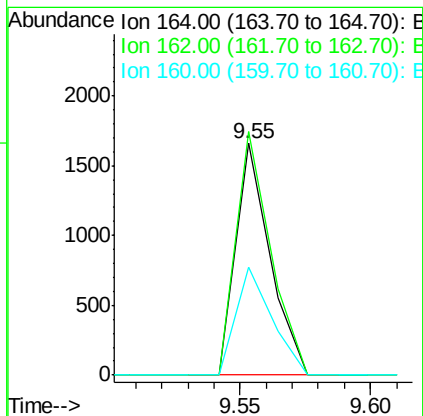
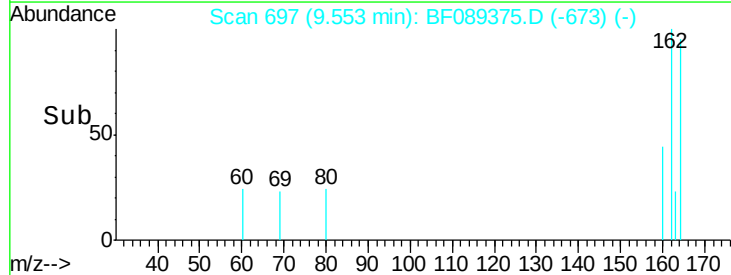
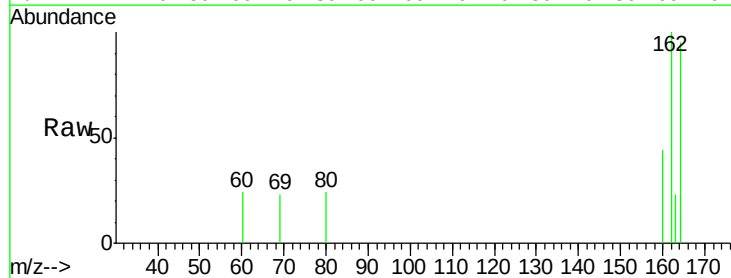
Instrument :
 BNA_F
 ClientSampleId :
 1607134563-67(COMPO)

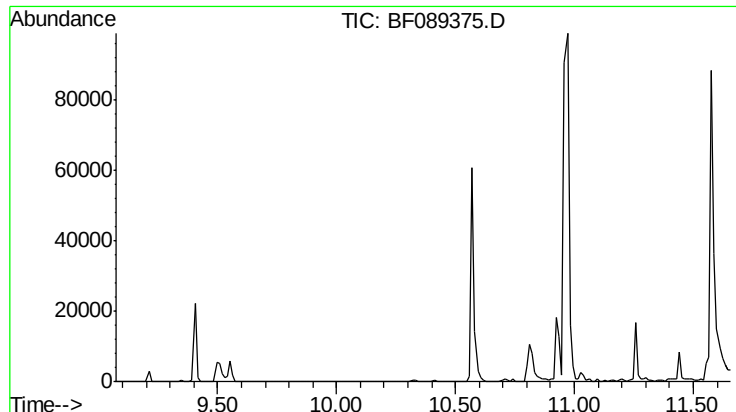
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 40.6
 54 48.5



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.55 min Scan# 697
 Delta R.T. -0.02 min
 Lab File: BF089375.D
 Acq: 28 Jul 2016 21:16

Tgt Ion: 164 Resp: 1521
 Ion Ratio Lower Upper
 164 100
 162 105.1 83.7 125.5
 160 46.7 37.8 56.6

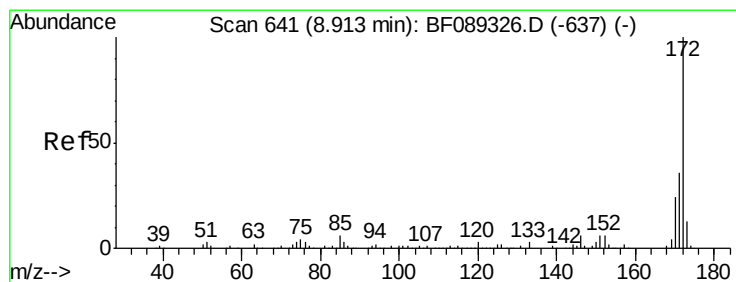
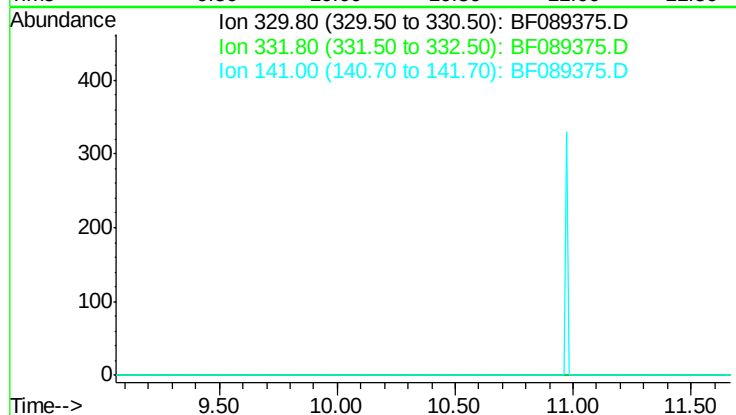




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.36 min
 Lab File: BF089375.D
 Acq: 28 Jul 2016 21:16

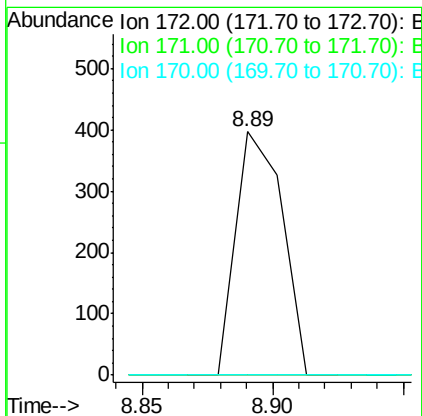
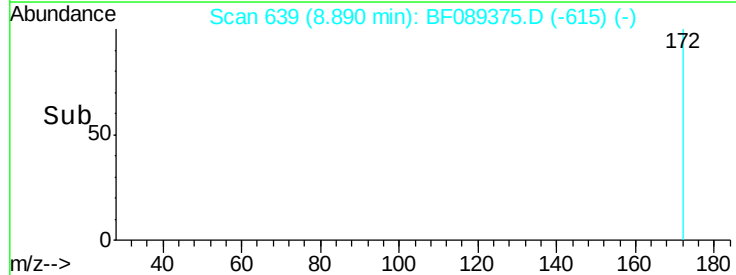
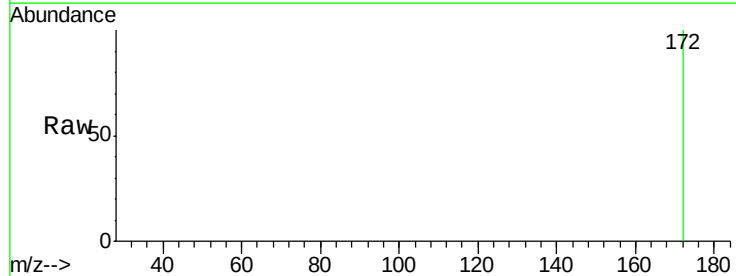
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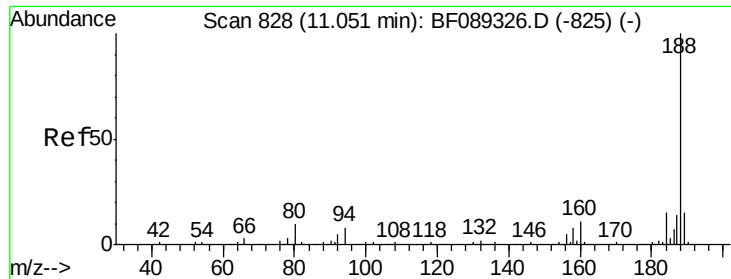
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.0
 141 46.6



#44
 2-Fluorobiphenyl
 Concen: 4.79 ng
 RT: 8.89 min Scan# 639
 Delta R.T. -0.02 min
 Lab File: BF089375.D
 Acq: 28 Jul 2016 21:16

Tgt Ion: 172 Resp: 496
 Ion Ratio Lower Upper
 172 100
 171 0.0 29.2 43.8#
 170 0.0 19.2 28.8#

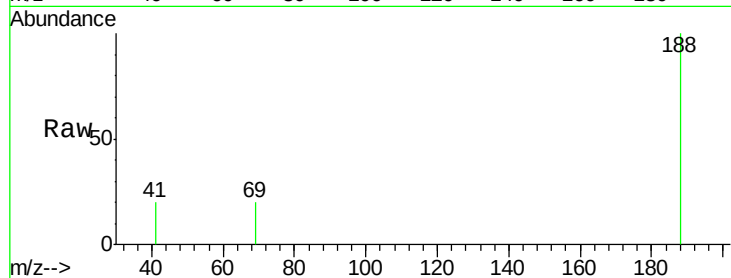




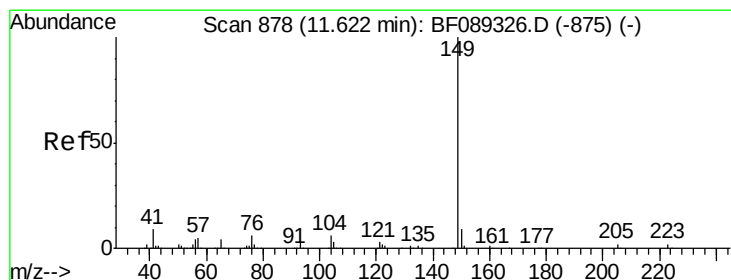
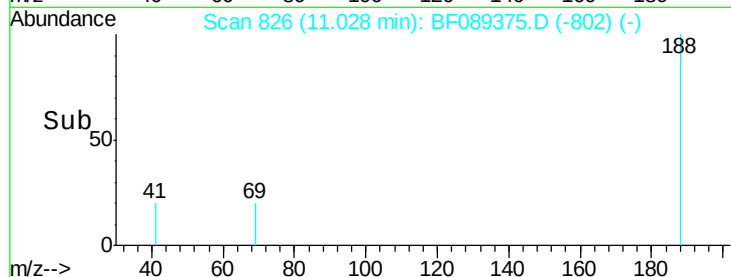
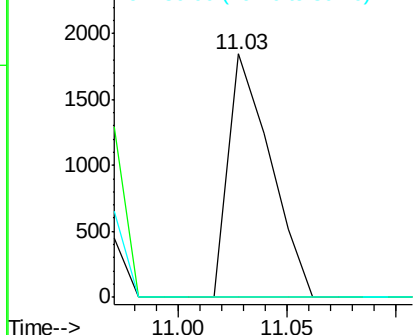
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF089375.D
Acq: 28 Jul 2016 21:16

Instrument :
BNA_F
ClientSampleId :
1607134563-67(COMPO)

Tgt Ion:188 Resp: 2479
Ion Ratio Lower Upper
188 100
94 0.0 6.5 9.7#
80 0.0 7.2 10.8#

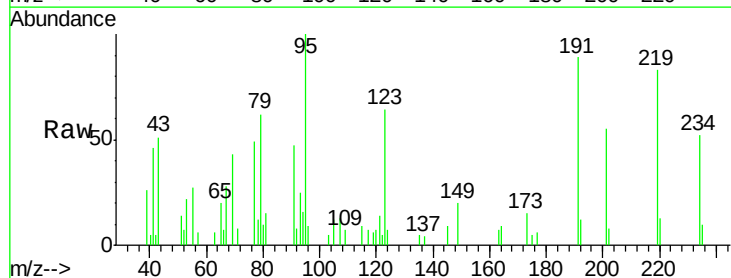


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

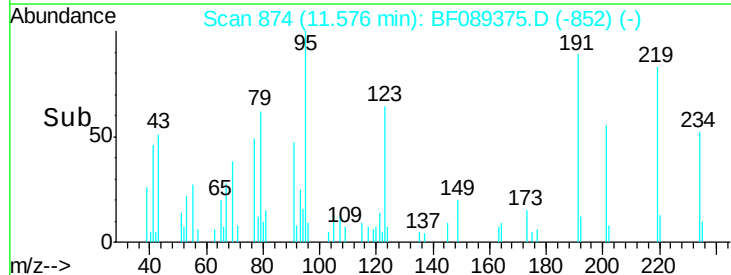
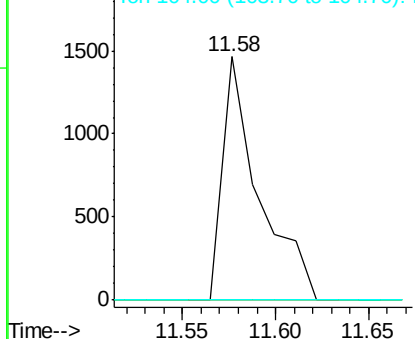


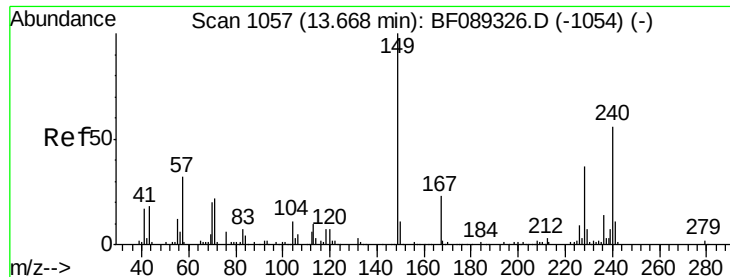
#73
Di-n-butylphthalate
Concen: 12.43 ng
RT: 11.58 min Scan# 874
Delta R.T. -0.05 min
Lab File: BF089375.D
Acq: 28 Jul 2016 21:16

Tgt Ion:149 Resp: 1995
Ion Ratio Lower Upper
149 100
150 0.0 7.4 11.0#
104 0.0 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: 13.66 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF089375.D

Acq: 28 Jul 2016 21:16

Instrument :

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ClientSampleId :

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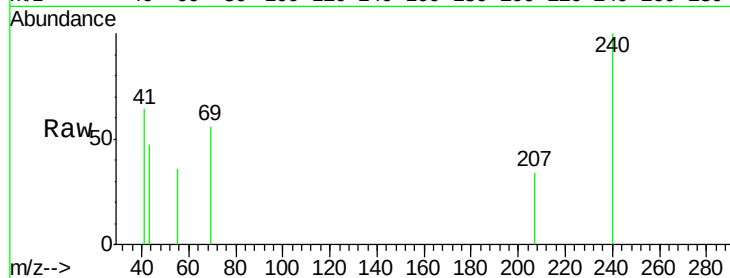
Tgt Ion:240 Resp: 1464

Ion Ratio Lower Upper

240 100

120 0.0 9.1 13.7#

236 0.0 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

1200

1000

800

600

400

200

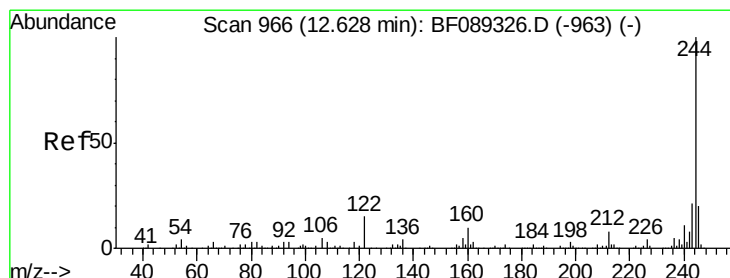
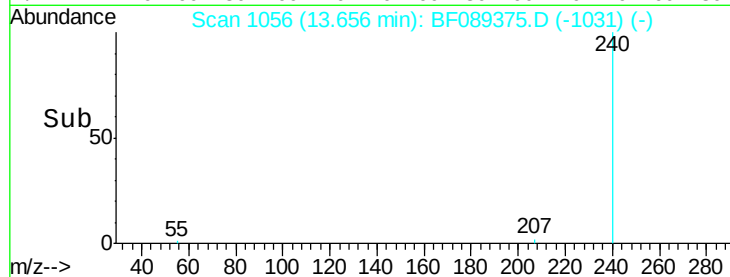
0

13.60

13.65

13.70

Time-->



#78

Terphenyl-d14

Concen: 3.47 ng

RT: 12.60 min Scan# 964

Delta R.T. -0.02 min

Lab File: BF089375.D

Acq: 28 Jul 2016 21:16

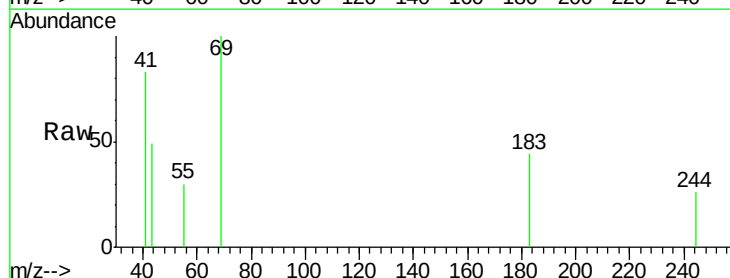
Tgt Ion:244 Resp: 217

Ion Ratio Lower Upper

244 100

212 0.0 6.5 9.7#

122 0.0 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

400

300

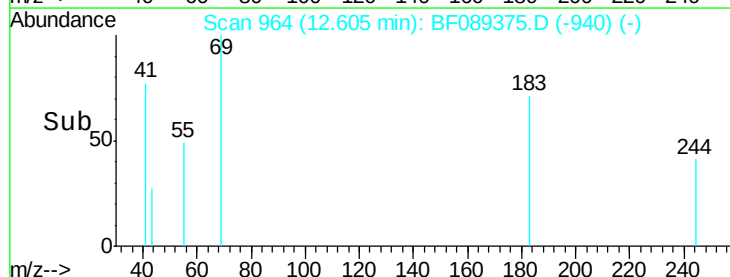
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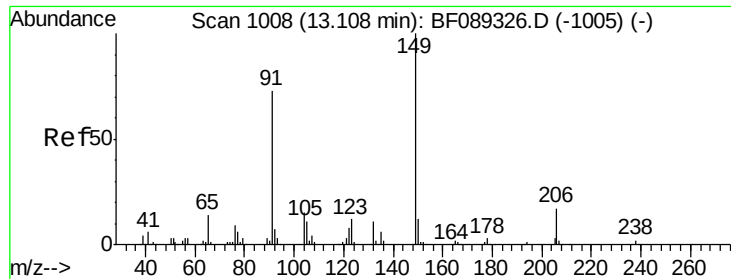
100

0

12.60

Time-->

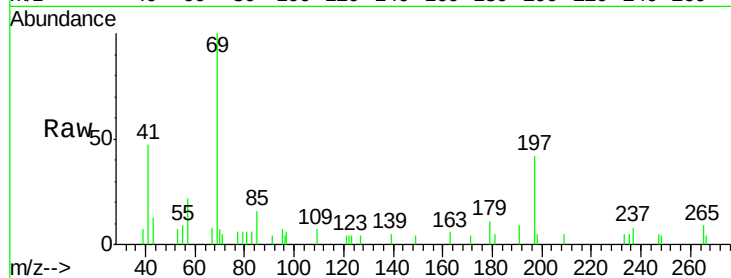




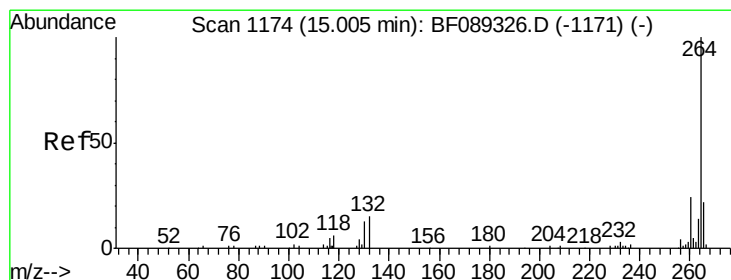
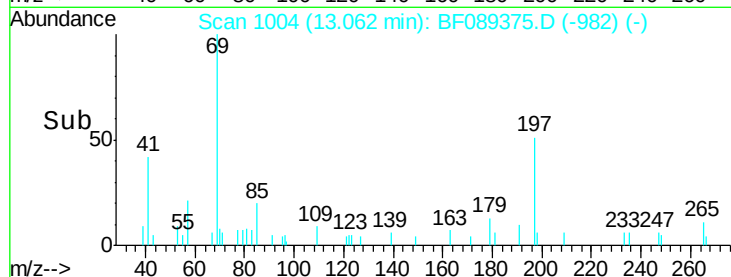
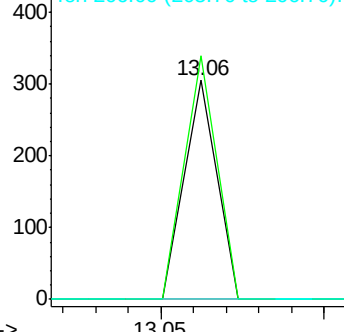
#79
Butylbenzylphthalate
Concen: 4.14 ng
RT: 13.06 min Scan# 1004
Delta R.T. -0.05 min
Lab File: BF089375.D
Acq: 28 Jul 2016 21:16

Instrument :
BNA_F
ClientSampleId :
1607134563-67(COMPO)

Tgt Ion:149 Resp: 209
Ion Ratio Lower Upper
149 100
91 111.1 58.5 87.7#
206 0.0 13.8 20.8#

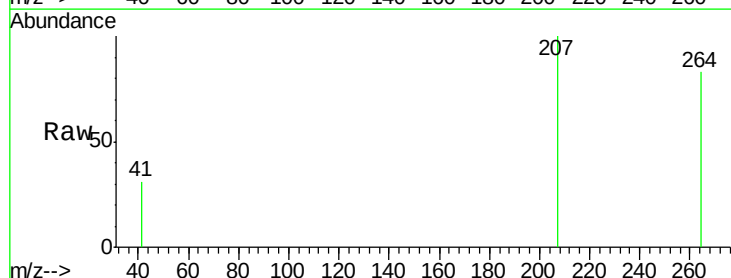


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 91.00 (90.70 to 91.70): BF0
Ion 206.00 (205.70 to 206.70): E



#86
Perylene-d12
Concen: 20.00 ng
RT: 14.98 min Scan# 1172
Delta R.T. -0.02 min
Lab File: BF089375.D
Acq: 28 Jul 2016 21:16

Tgt Ion:264 Resp: 977
Ion Ratio Lower Upper
264 100
260 0.0 19.0 28.4#
265 0.0 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

