

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 02:11:19 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

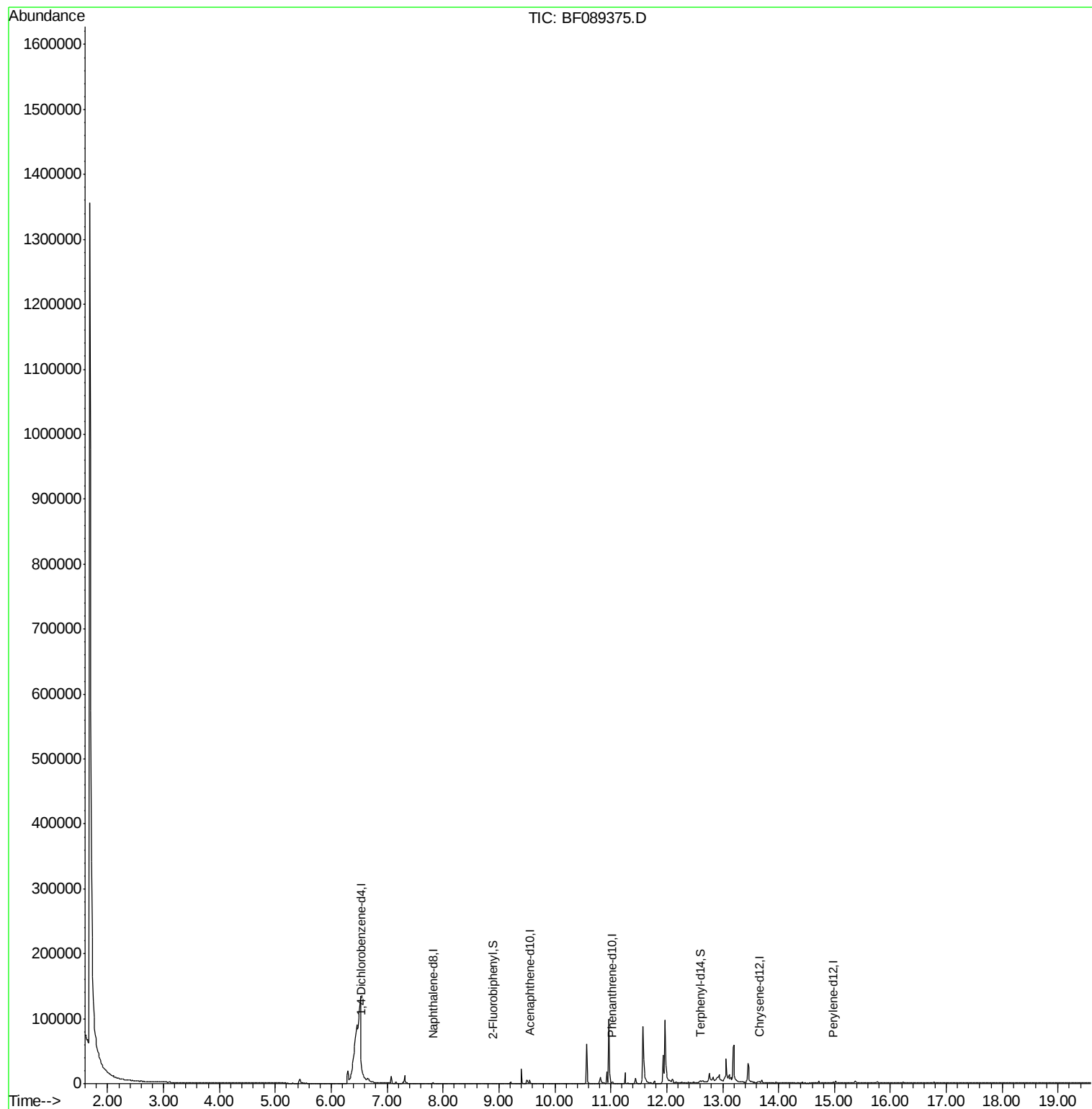
Target Compounds	Qvalue
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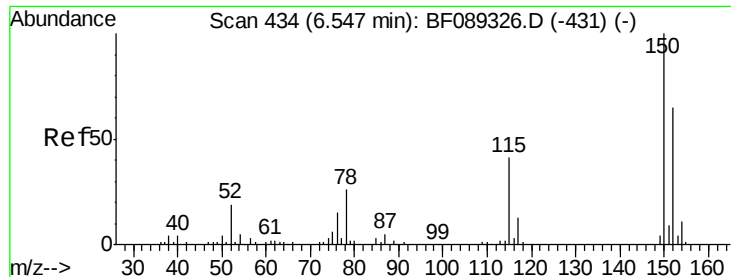
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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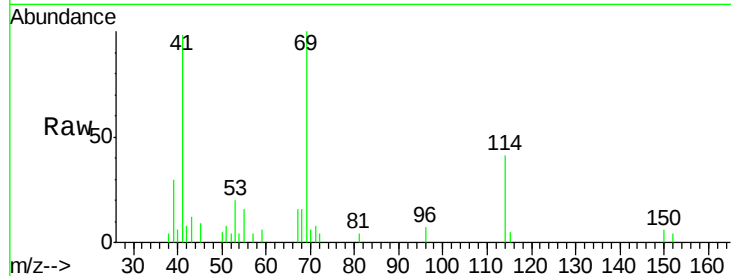


#1

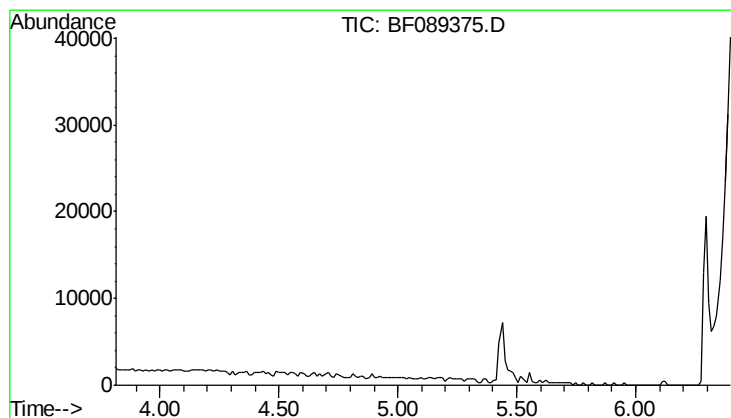
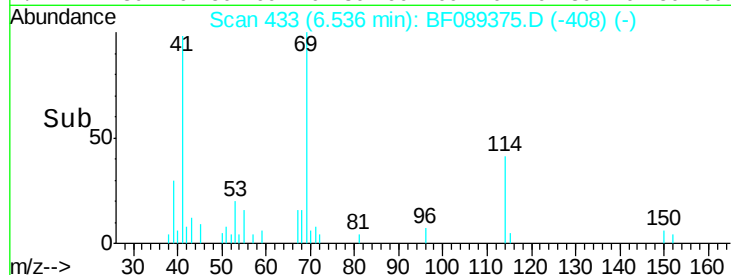
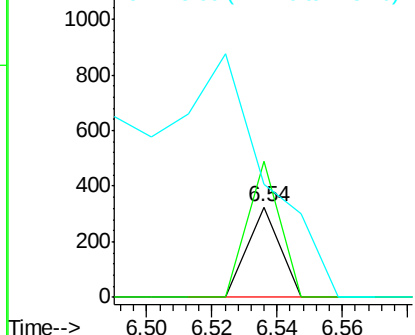
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.54 min Scan# 433
Delta R.T. -0.01 min
Lab File: BF089375.D
Acq: 28 Jul 2016 21:16

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#



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

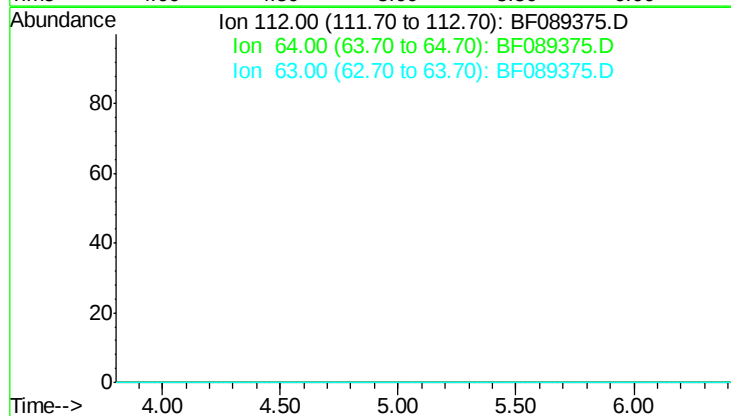


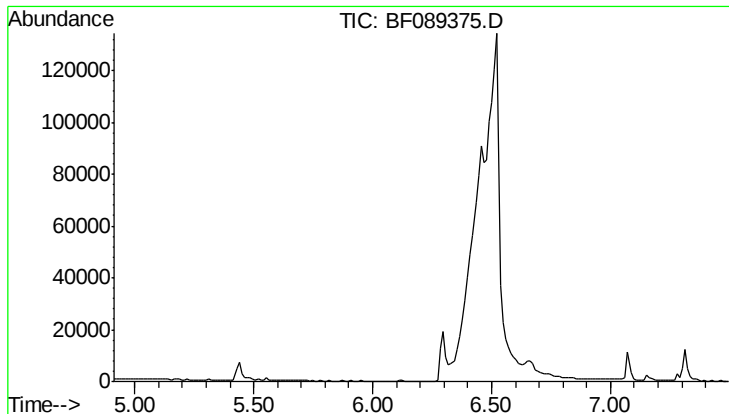
#5

2-Fluorophenol
Concen: 0.00 ng
Expected RT: 5.11 min

Lab File: BF089375.D
Acq: 28 Jul 2016 21:16

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





#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)

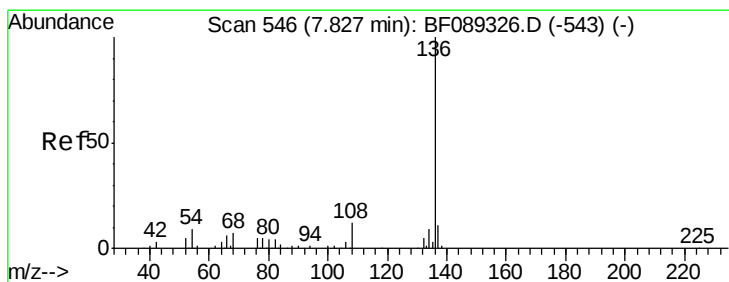
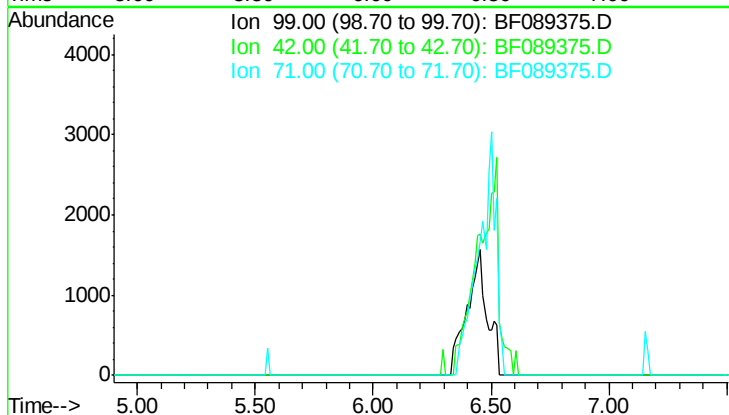
Tgt Ion: 99

Sig Exp Ratio

99 100

42 17.0

71 36.8



#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

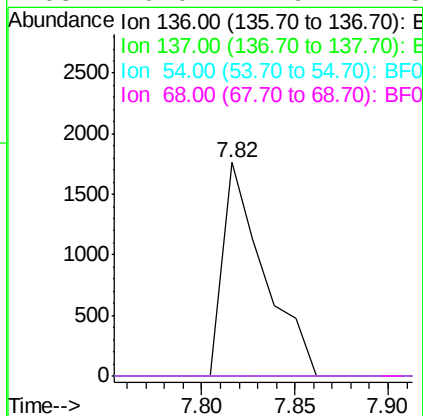
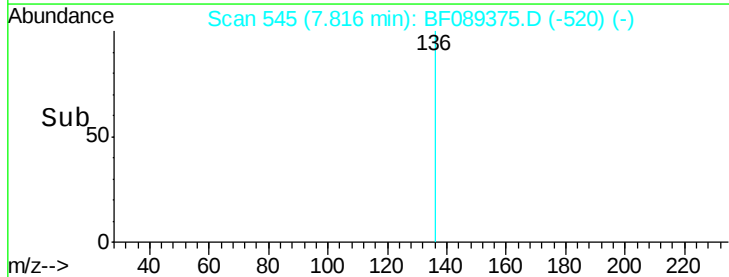
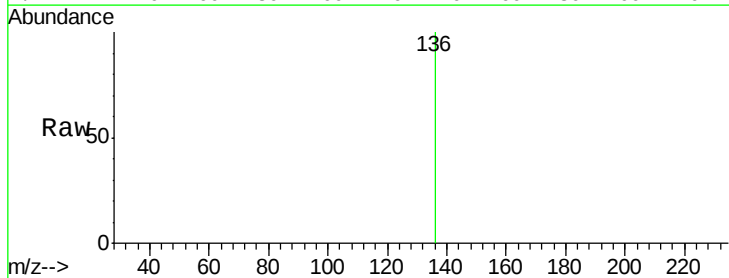
Ion Ratio Lower Upper

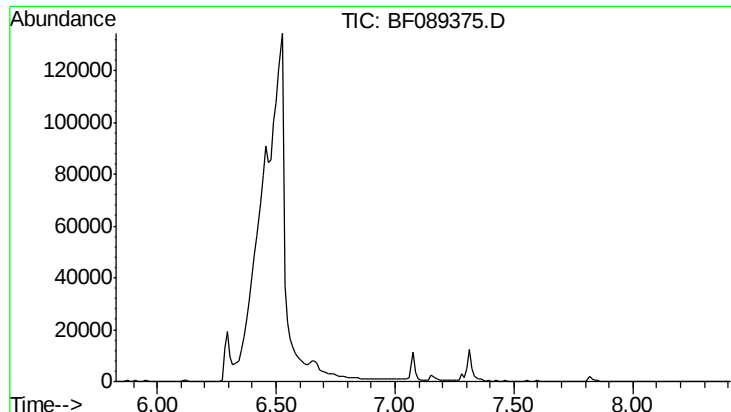
136 100

137 0.0 8.6 13.0#

54 0.0 7.0 10.4#

68 0.0 4.9 7.3#

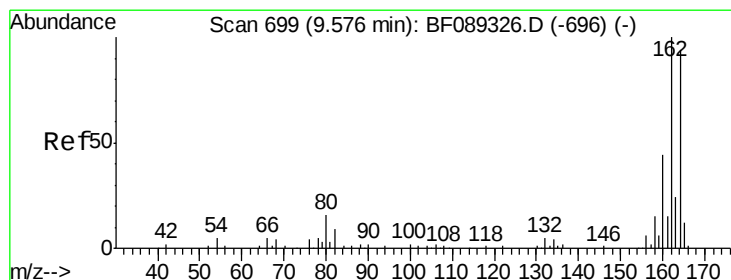
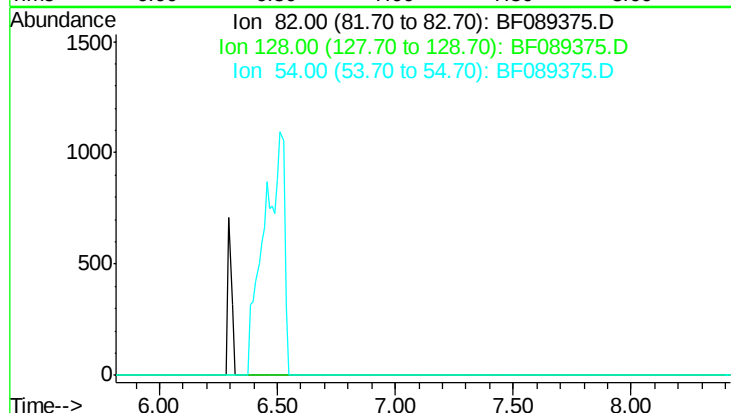




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.12 min
 Lab File: BF089375.D
 Acq: 28 Jul 2016 21:16

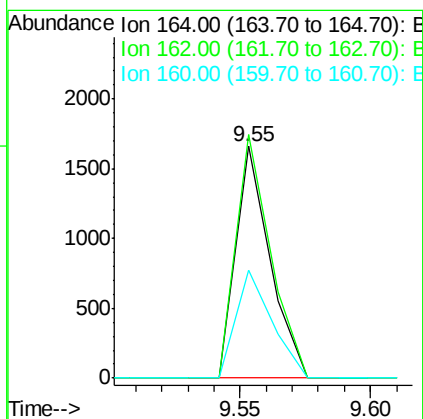
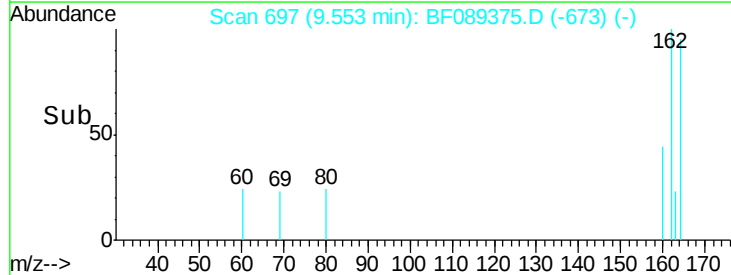
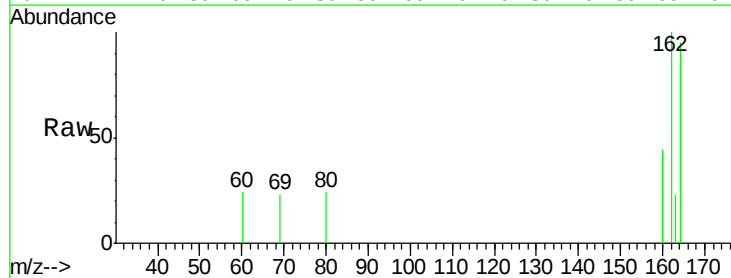
Instrument :
 BNA_F
 ClientSampleId :
 1607134563-67(COMPO)

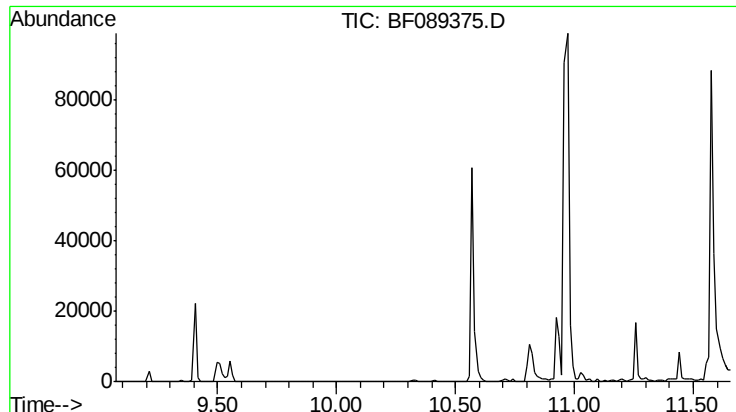
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 40.6
 54 48.5



#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

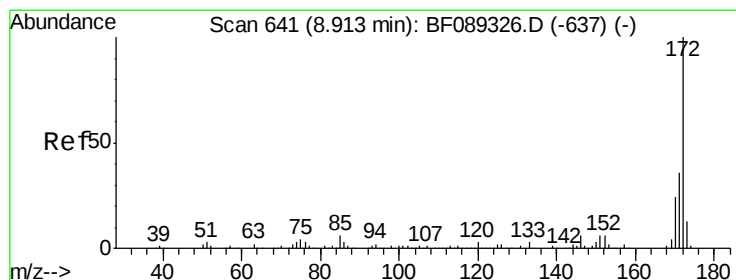
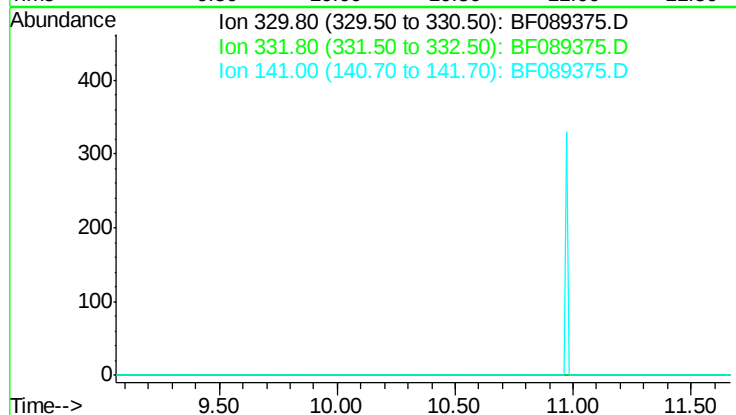




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.36 min
 Lab File: BF089375.D
 Acq: 28 Jul 2016 21:16

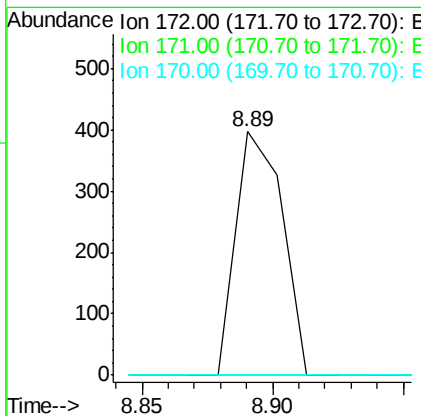
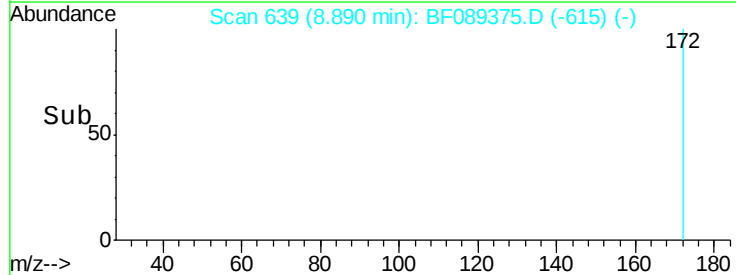
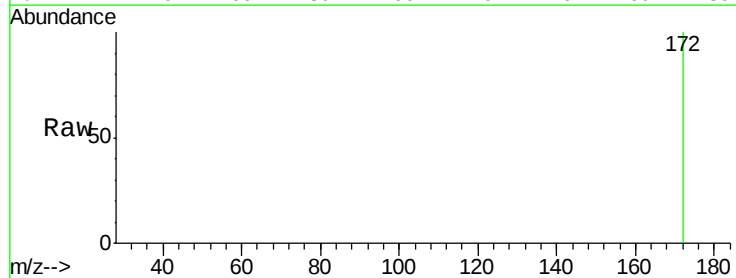
Instrument :
 BNA_F
 ClientSampleId :
 1607134563-67(COMPO)

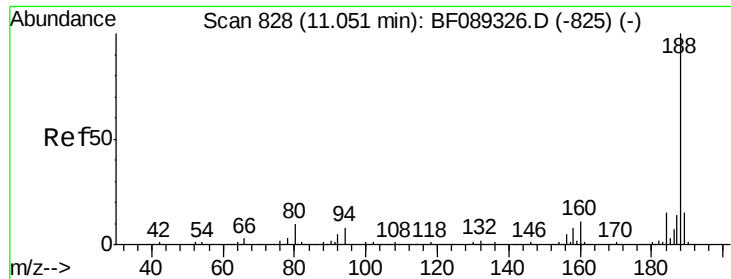
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 96.0
 141 46.6



#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#

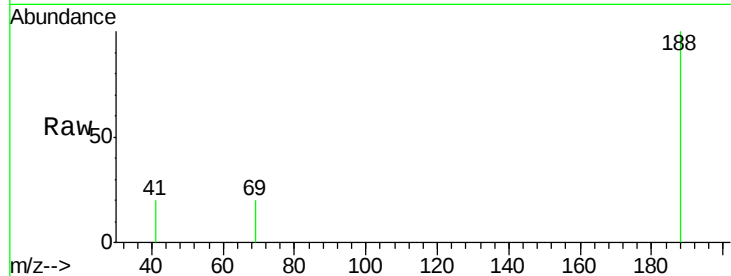




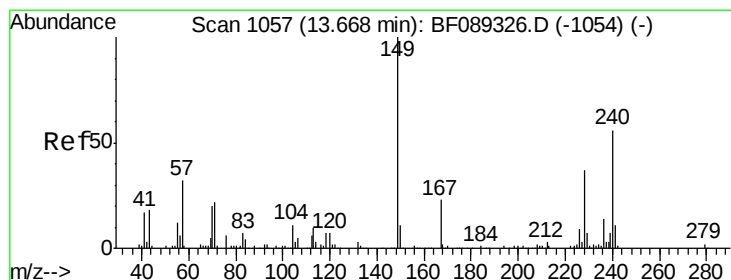
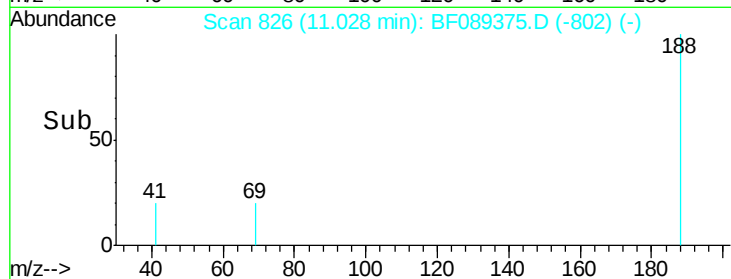
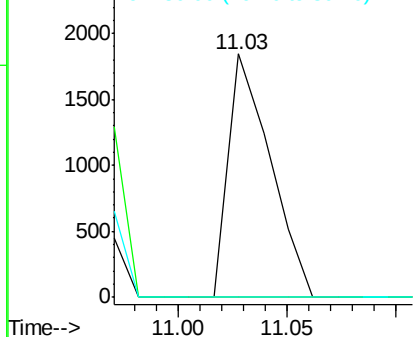
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.03 min Scan# 826
Delta R.T. -0.02 min
Lab File: BF089375.D
Acq: 28 Jul 2016 21:16

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#

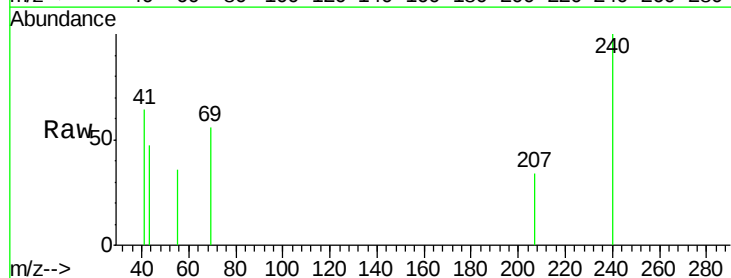


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

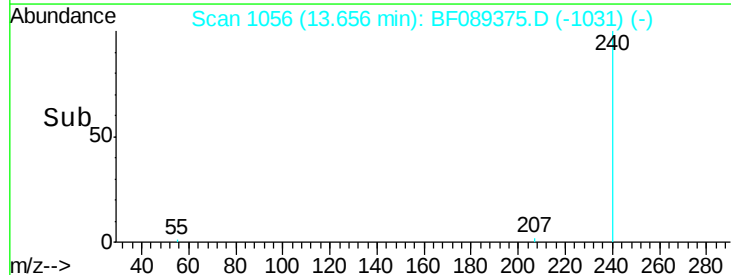
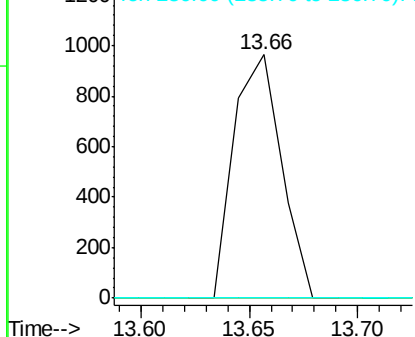


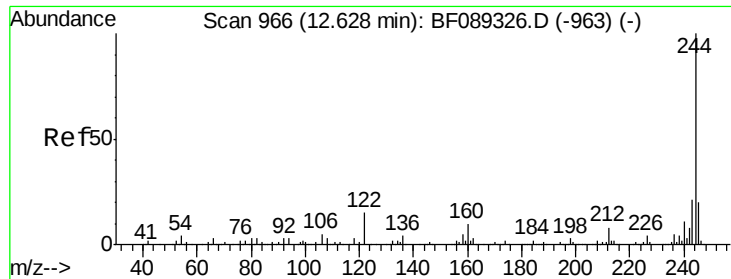
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.66 min Scan# 1056
Delta R.T. -0.01 min
Lab File: BF089375.D
Acq: 28 Jul 2016 21:16

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

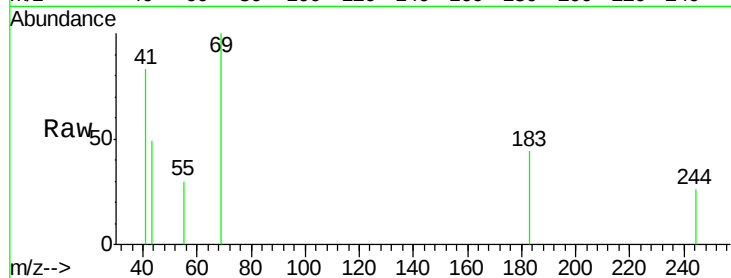




#78
 Terphenyl-d14
 Concen: 3.47 ng
 RT: 12.60 min Scan# 964
 Delta R.T. -0.02 min
 Lab File: BF089375.D
 Acq: 28 Jul 2016 21:16

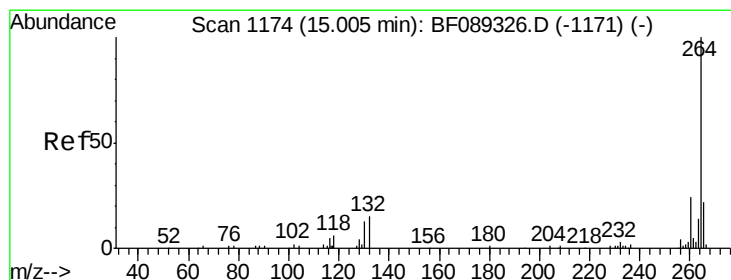
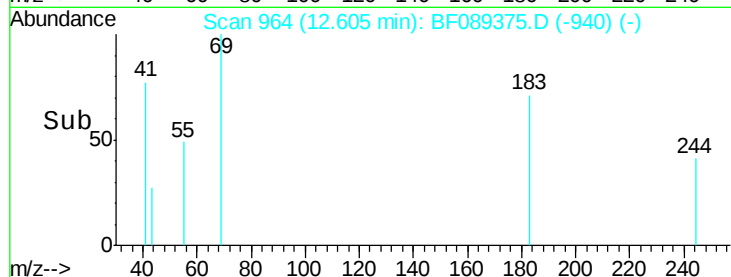
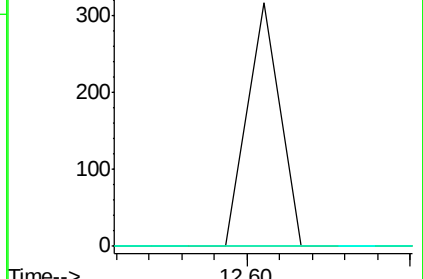
Instrument :
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 1607134563-67(COMPO)

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#



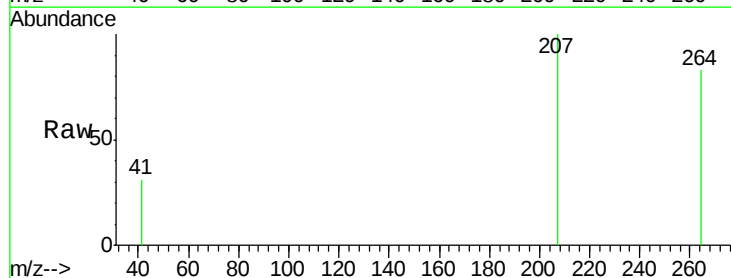
Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E

12.60



#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

14.98

