

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072616\
 Data File : BF089314.D
 Acq On : 26 Jul 2016 19:14
 Operator : UM/SJ
 Sample : PB92432BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB92432BL

Quant Time: Jul 27 03:34:17 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jul 25 16:56:43 2016
 Response via : Initial Calibration

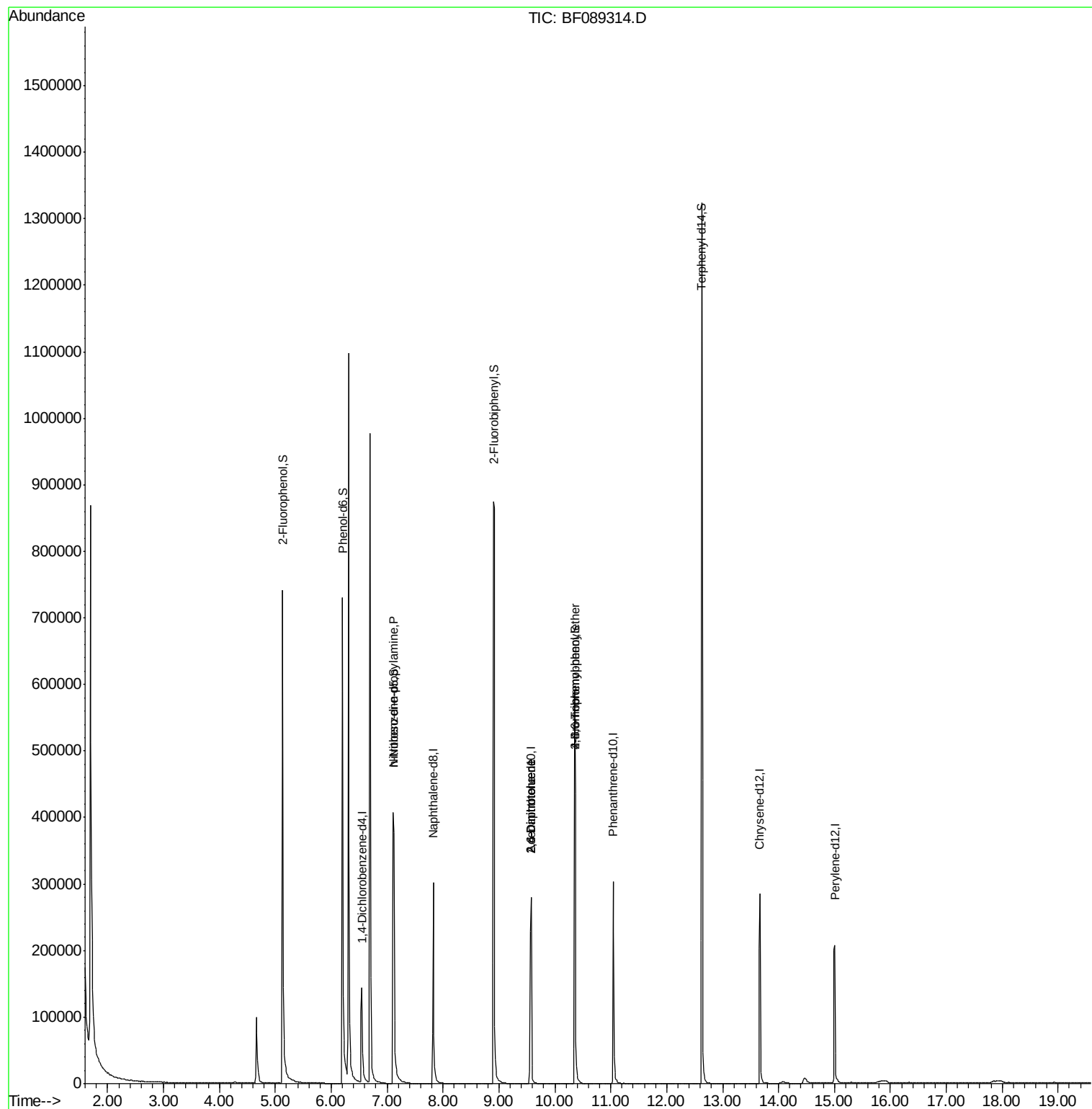
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.55	152	41771	20.00	ng	-0.02
21) Naphthalene-d8	7.83	136	189984	20.00	ng	-0.02
38) Acenaphthene-d10	9.58	164	86875	20.00	ng	-0.02
63) Phenanthrene-d10	11.04	188	179030	20.00	ng	-0.03
75) Chrysene-d12	13.67	240	146741	20.00	ng	-0.02
86) Perylene-d12	15.01	264	125958	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.13	112	337260	122.80	ng	-0.01
7) Phenol-d6	6.20	99	446104	125.95	ng	-0.02
23) Nitrobenzene-d5	7.11	82	268024	74.96	ng	-0.03
41) 2,4,6-Tribromophenol	10.36	330	93819	119.95	ng	-0.02
44) 2-Fluorobiphenyl	8.91	172	511876	81.18	ng	-0.02
78) Terphenyl-d14	12.63	244	461021	68.14	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.20	77	540	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.11	70	34749	15.00 ng	#	83
50) 2,6-Dinitrotoluene	9.58	165	10790	7.17 ng	#	28
56) 2,4-Dinitrotoluene	9.58	165	10790	5.57 ng	#	10
66) 4-Bromophenyl-phenylether	10.36	248	6767	3.82 ng	#	1

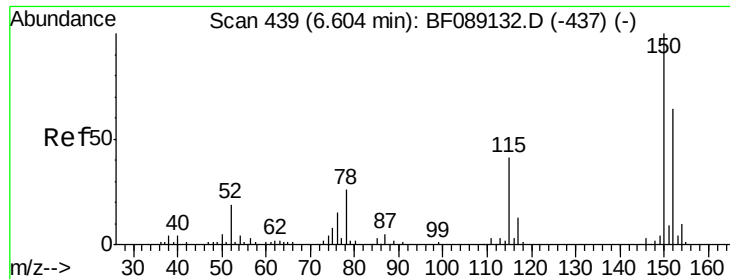
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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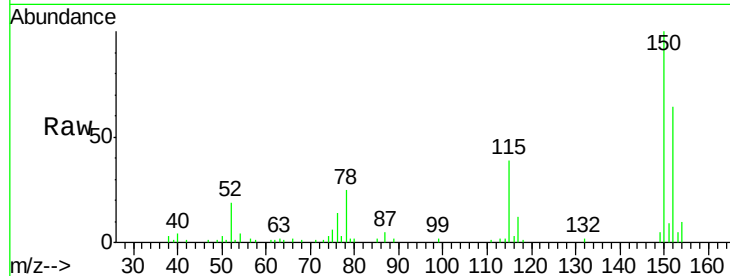


#1

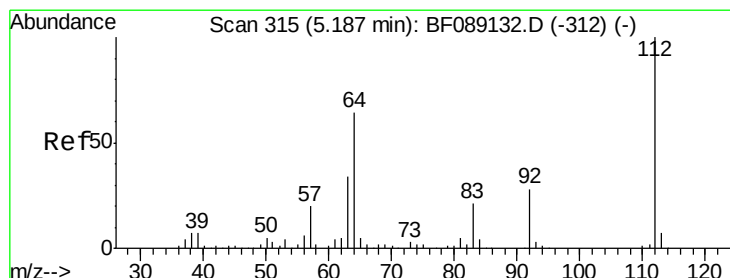
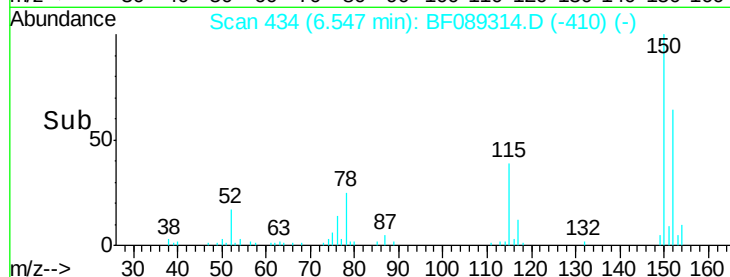
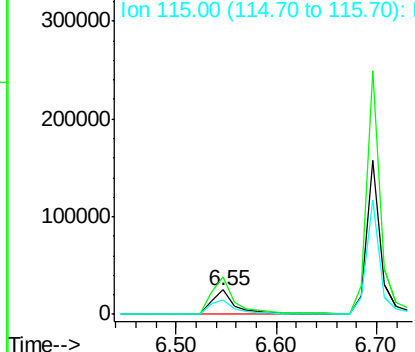
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.55 min Scan# 434
Delta R.T. -0.02 min
Lab File: BF089314.D
Acq: 26 Jul 2016 19:14

Instrument :
BNA_F
ClientSampleId :
PB92432BL

Tgt Ion:152 Resp: 41771
Ion Ratio Lower Upper
152 100
150 155.5 125.1 187.7
115 60.5 51.1 76.7



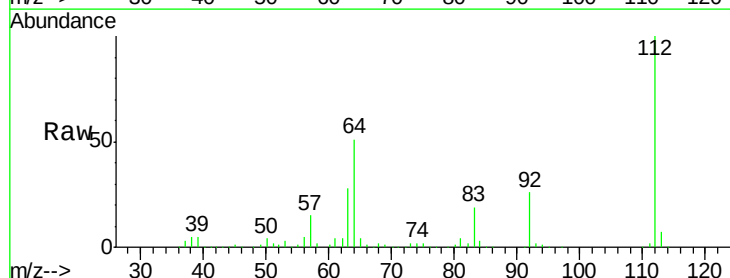
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



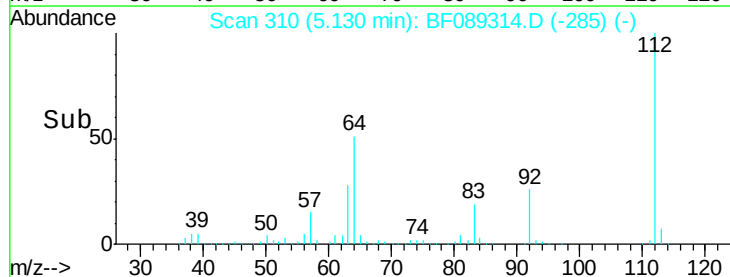
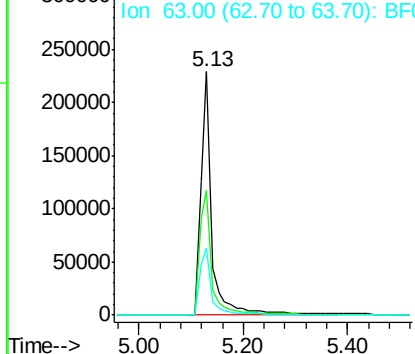
#5

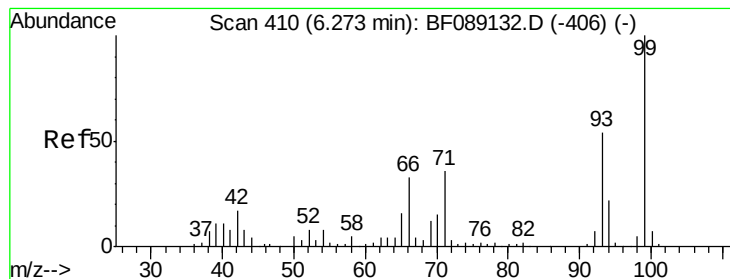
2-Fluorophenol
Concen: 122.80 ng
RT: 5.13 min Scan# 310
Delta R.T. -0.01 min
Lab File: BF089314.D
Acq: 26 Jul 2016 19:14

Tgt Ion:112 Resp: 337260
Ion Ratio Lower Upper
112 100
64 51.0 51.0 76.4
63 27.6 27.3 40.9



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: 125.95 ng

RT: 6.20 min Scan# 404

Delta R.T. -0.02 min

Lab File: BF089314.D

Acq: 26 Jul 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB92432BL

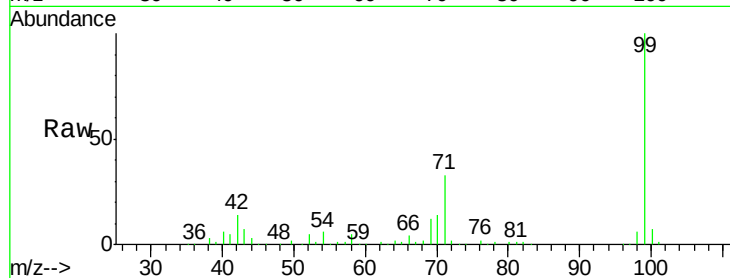
Tgt Ion: 99 Resp: 446104

Ion Ratio Lower Upper

99 100

42 13.9 13.5 20.3

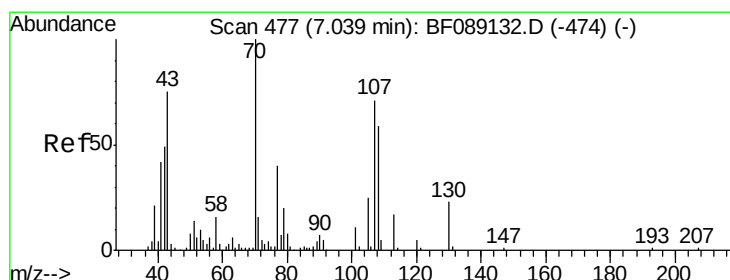
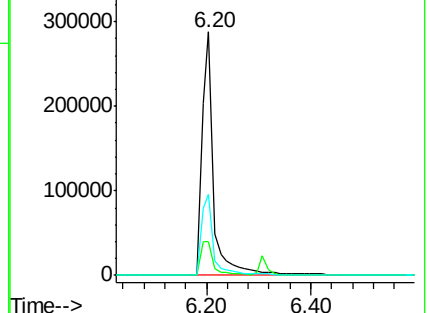
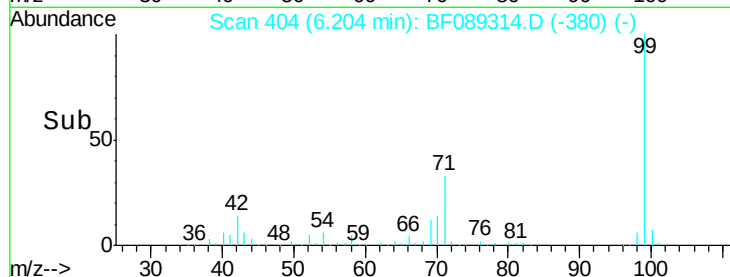
71 33.5 28.9 43.3



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: 15.00 ng

RT: 7.11 min Scan# 483

Delta R.T. 0.10 min

Lab File: BF089314.D

Acq: 26 Jul 2016 19:14

Tgt Ion: 70 Resp: 34749

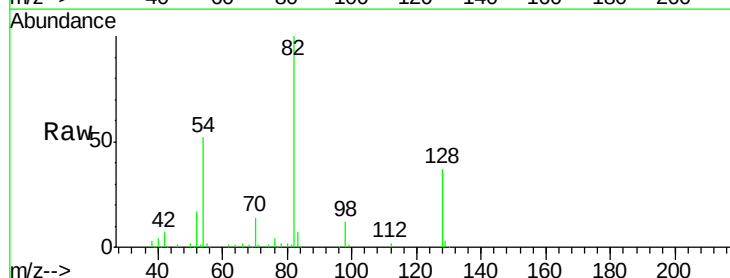
Ion Ratio Lower Upper

70 100

42 47.8 39.2 58.8

101 0.0 8.5 12.7#

130 2.1 18.4 27.6#

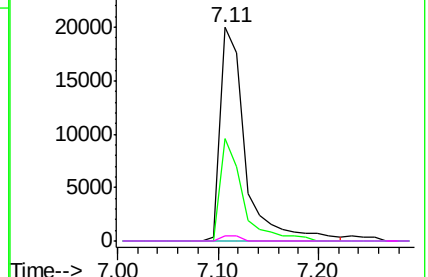
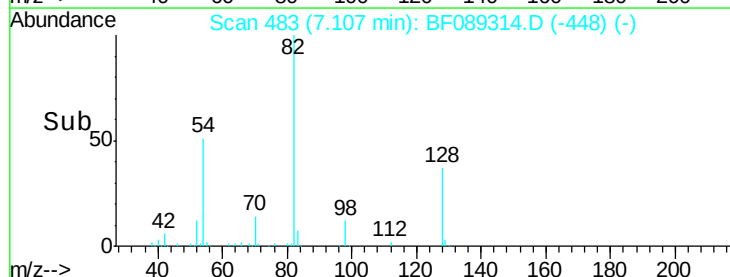


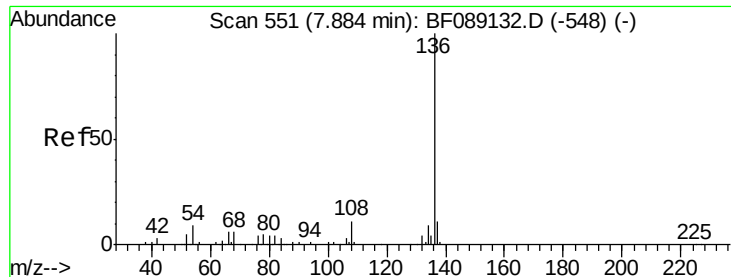
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.83 min Scan# 546

Delta R.T. -0.02 min

Lab File: BF089314.D

Acq: 26 Jul 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB92432BL

Tgt Ion:136 Resp: 189984

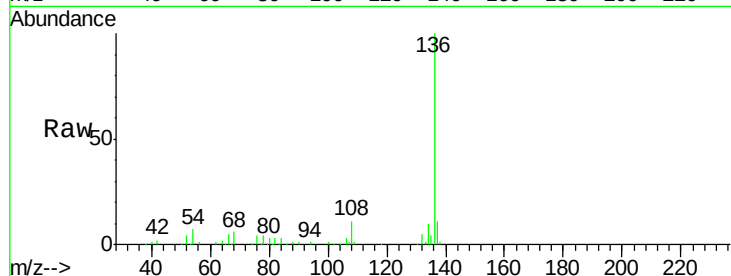
Ion Ratio Lower Upper

136 100

137 10.7 8.8 13.2

54 6.7 7.0 10.4#

68 5.6 5.0 7.6

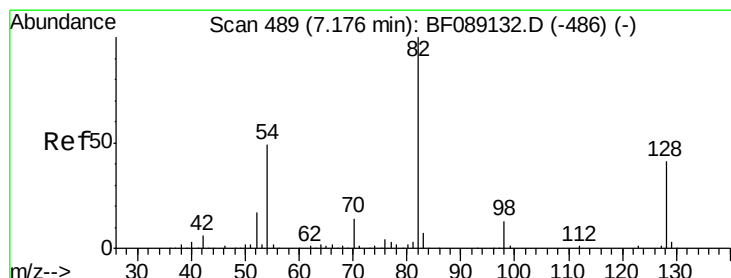
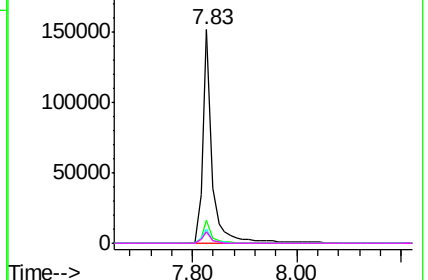
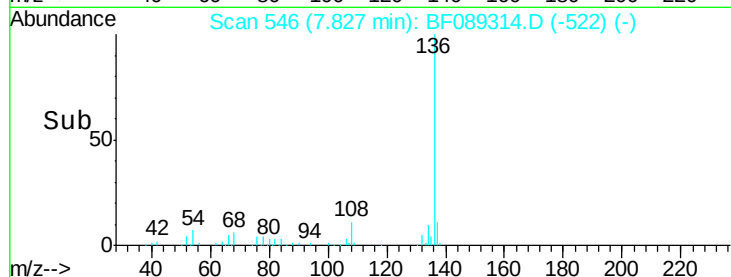


Abundance Ion 136.00 (135.70 to 136.70): E

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: 74.96 ng

RT: 7.11 min Scan# 483

Delta R.T. -0.03 min

Lab File: BF089314.D

Acq: 26 Jul 2016 19:14

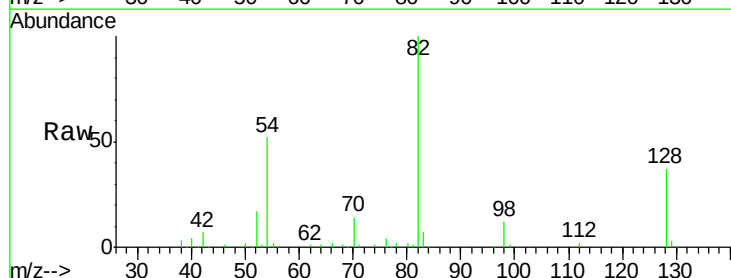
Tgt Ion: 82 Resp: 268024

Ion Ratio Lower Upper

82 100

128 37.3 33.0 49.6

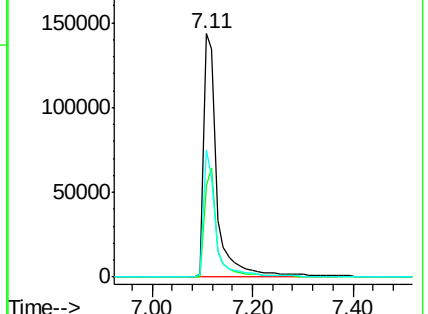
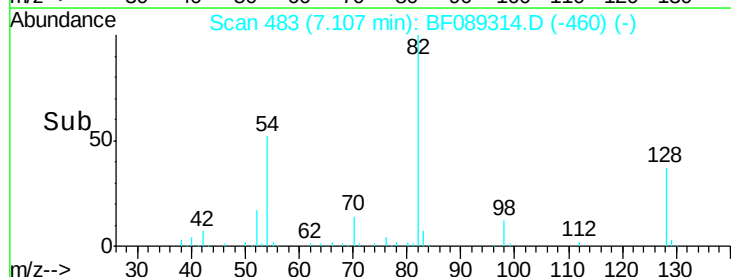
54 52.1 39.0 58.4

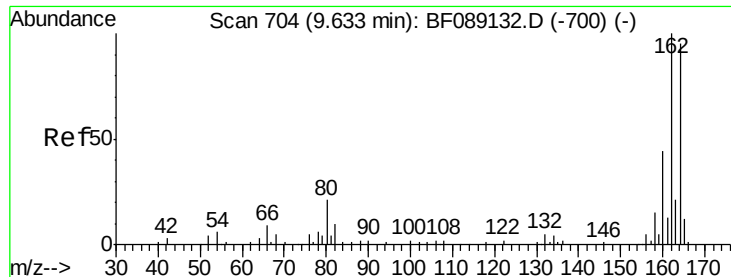


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.58 min Scan# 699

Delta R.T. -0.02 min

Lab File: BF089314.D

Acq: 26 Jul 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB92432BL

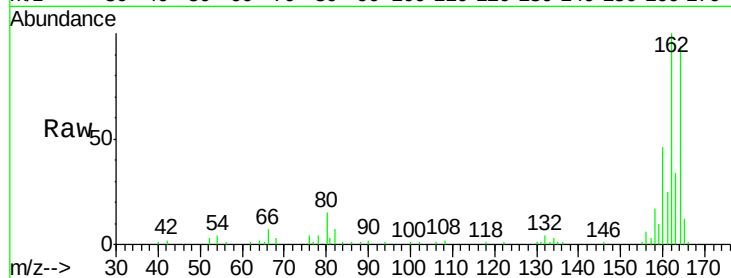
Tgt Ion:164 Resp: 86875

Ion Ratio Lower Upper

164 100

162 106.1 84.1 126.1

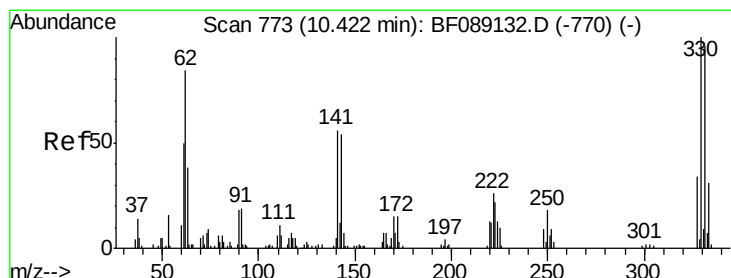
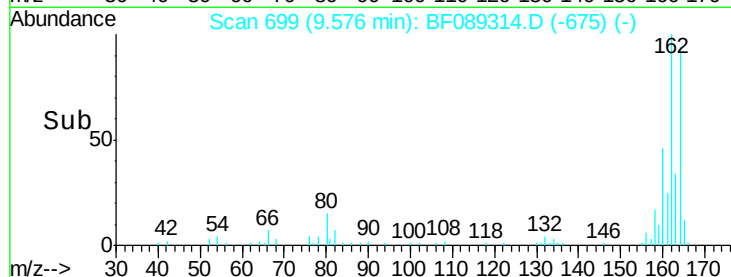
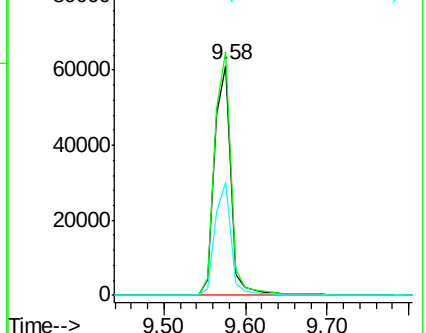
160 49.3 37.1 55.7



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: 119.95 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.02 min

Lab File: BF089314.D

Acq: 26 Jul 2016 19:14

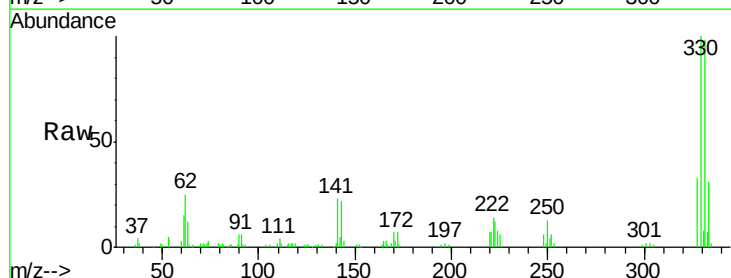
Tgt Ion:330 Resp: 93819

Ion Ratio Lower Upper

330 100

332 97.1 77.2 115.8

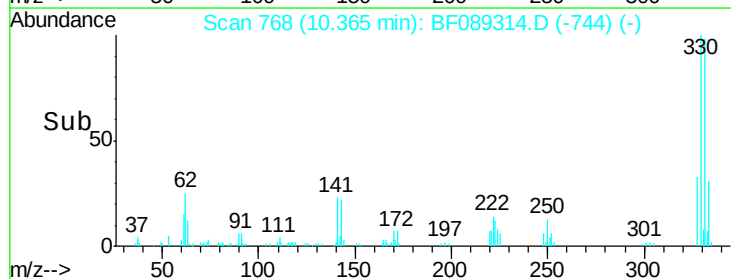
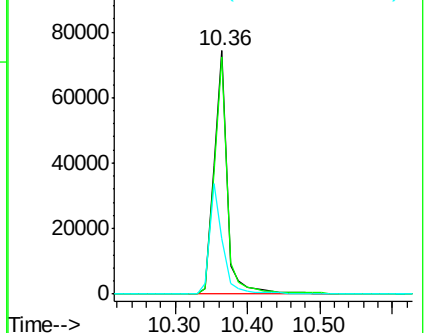
141 45.1 42.2 63.2

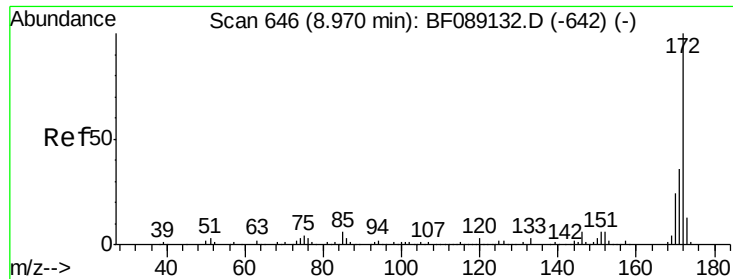


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

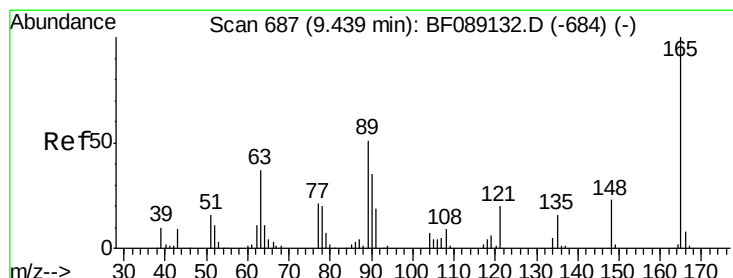
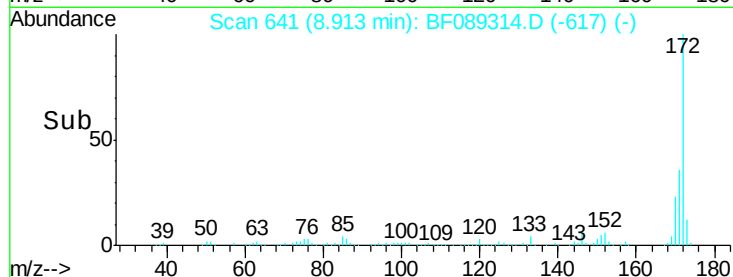
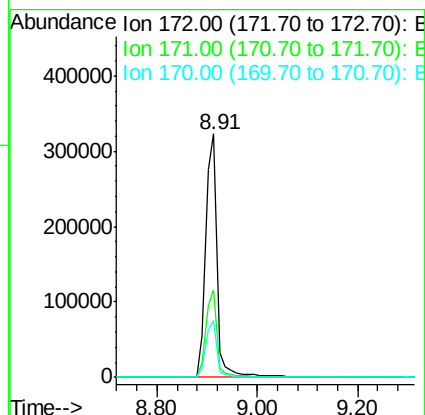
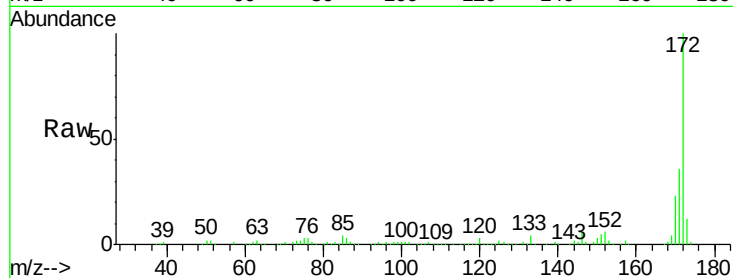




#44
2-Fluorobiphenyl
Concen: 81.18 ng
RT: 8.91 min Scan# 641
Delta R.T. -0.02 min
Lab File: BF089314.D
Acq: 26 Jul 2016 19:14

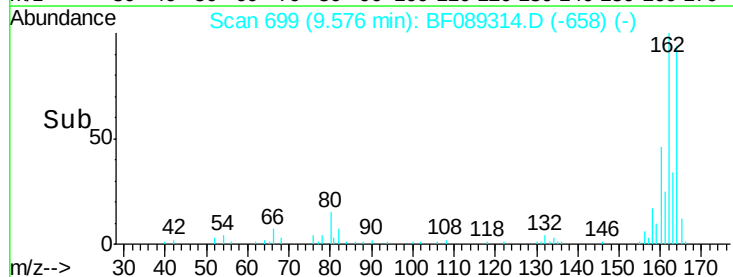
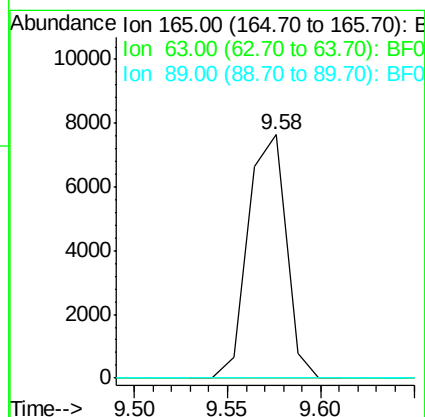
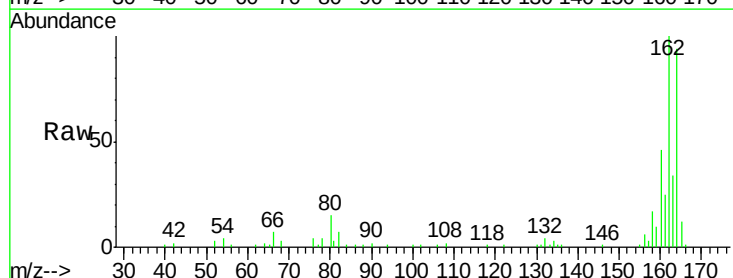
Instrument :
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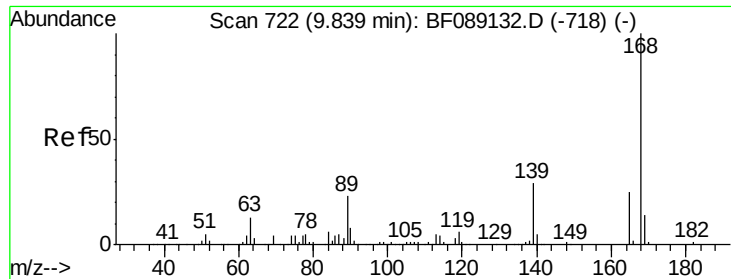
Tgt Ion:172 Resp: 511876
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 23.3 19.1 28.7



#50
2,6-Dinitrotoluene
Concen: 7.17 ng
RT: 9.58 min Scan# 699
Delta R.T. 0.17 min
Lab File: BF089314.D
Acq: 26 Jul 2016 19:14

Tgt Ion:165 Resp: 10790
Ion Ratio Lower Upper
165 100
63 0.0 37.0 55.4#
89 0.0 40.9 61.3#

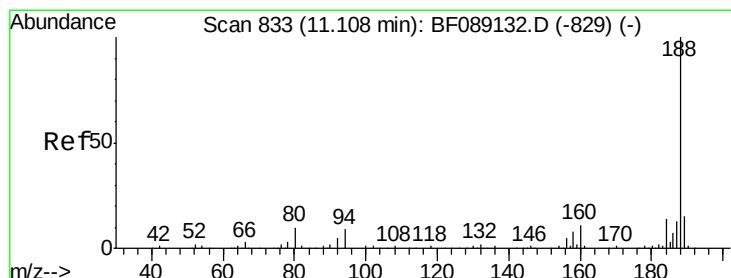
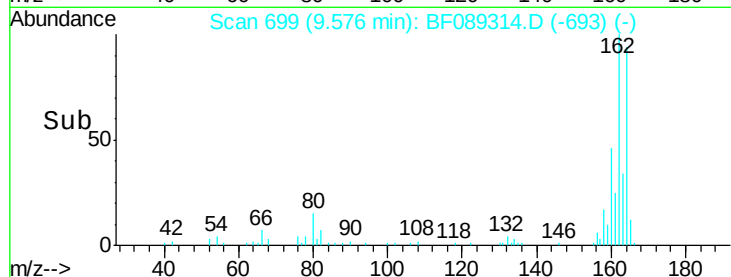
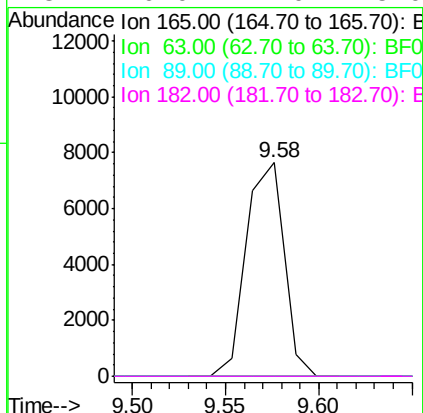
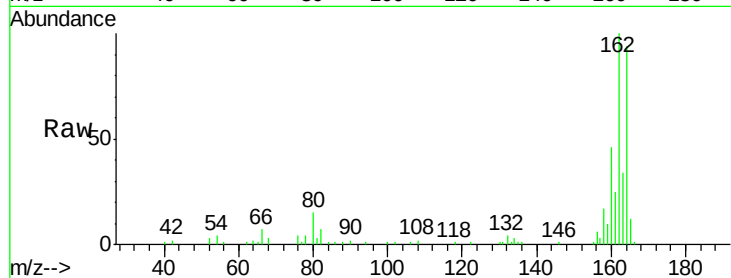




#56
 2,4-Dinitrotoluene
 Concen: 5.57 ng
 RT: 9.58 min Scan# 699
 Delta R.T. -0.23 min
 Lab File: BF089314.D
 Acq: 26 Jul 2016 19:14

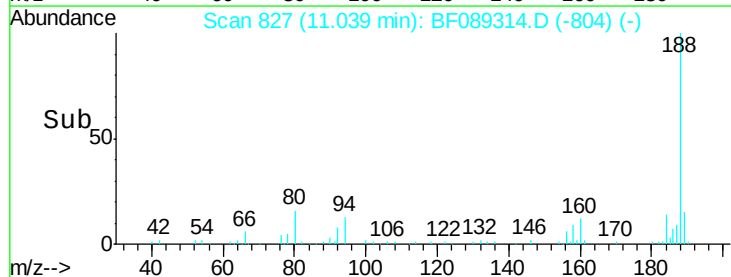
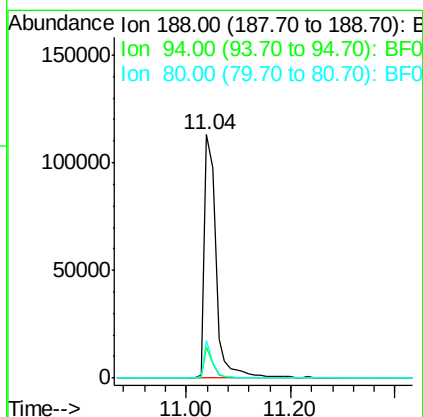
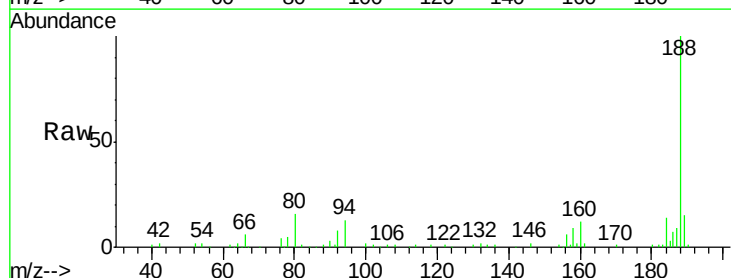
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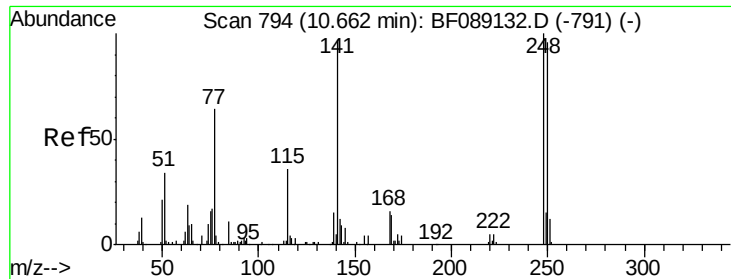
Tgt Ion:165 Resp: 10790
 Ion Ratio Lower Upper
 165 100
 63 0.0 55.4 83.2#
 89 0.0 74.3 111.5#
 182 0.0 2.0 3.0#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.04 min Scan# 827
 Delta R.T. -0.03 min
 Lab File: BF089314.D
 Acq: 26 Jul 2016 19:14

Tgt Ion:188 Resp: 179030
 Ion Ratio Lower Upper
 188 100
 94 13.0 7.0 10.4#
 80 15.7 7.7 11.5#





#66

4-Bromophenyl-phenylether

Concen: 3.82 ng

RT: 10.36 min Scan# 768

Delta R.T. -0.26 min

Lab File: BF089314.D

Acq: 26 Jul 2016 19:14

Instrument :

BNA_F

ClientSampleId :

PB92432BL

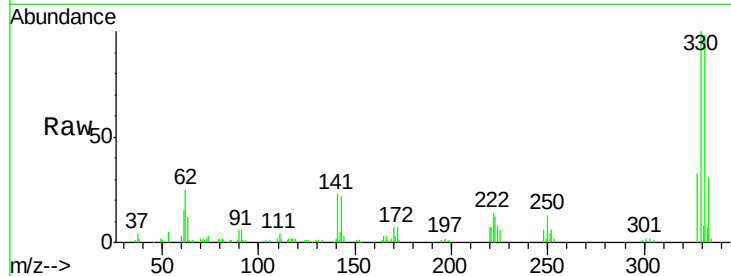
Tgt Ion:248 Resp: 6767

Ion Ratio Lower Upper

248 100

250 206.7 76.9 115.3#

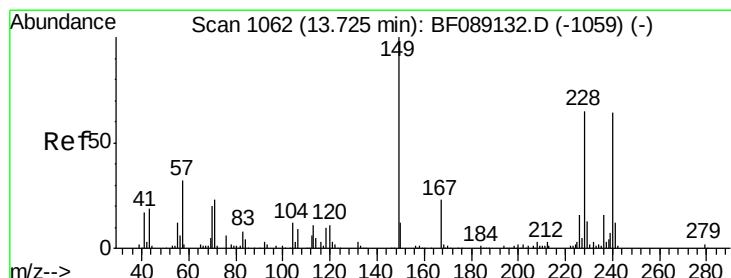
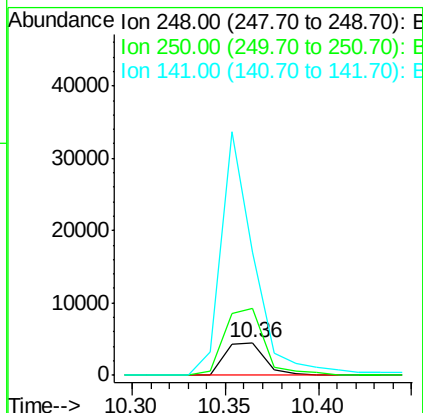
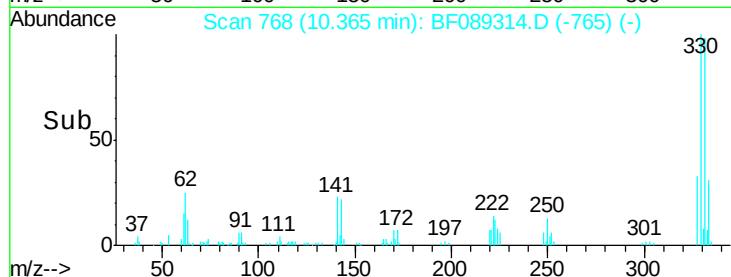
141 379.5 77.4 116.2#



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



#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.67 min Scan# 1057

Delta R.T. -0.02 min

Lab File: BF089314.D

Acq: 26 Jul 2016 19:14

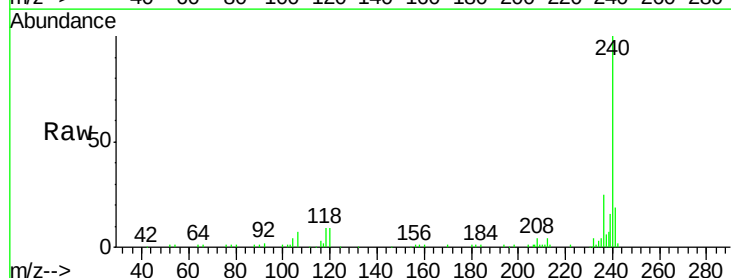
Tgt Ion:240 Resp: 146741

Ion Ratio Lower Upper

240 100

120 9.0 13.6 20.4#

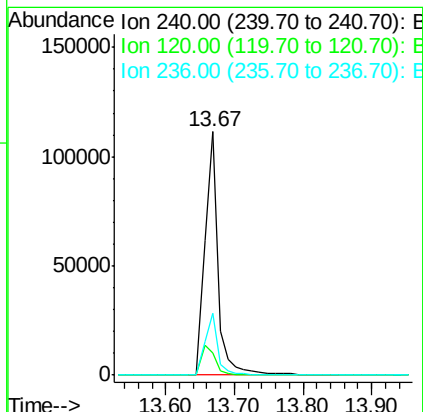
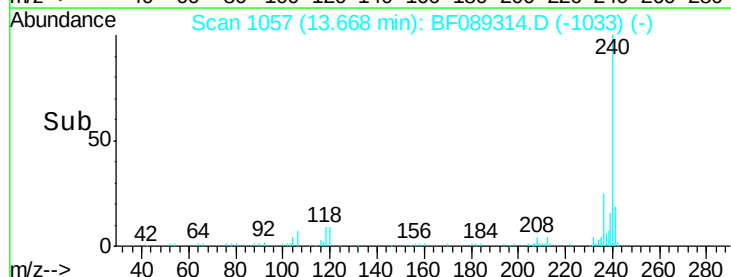
236 25.4 20.5 30.7

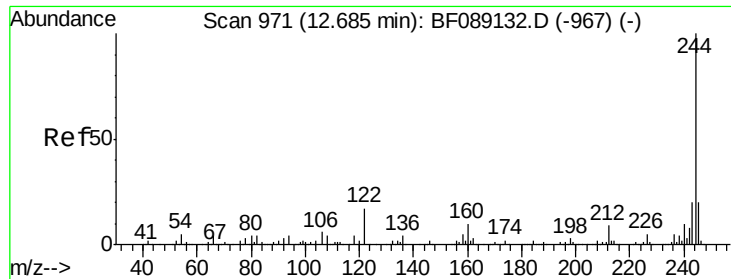


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

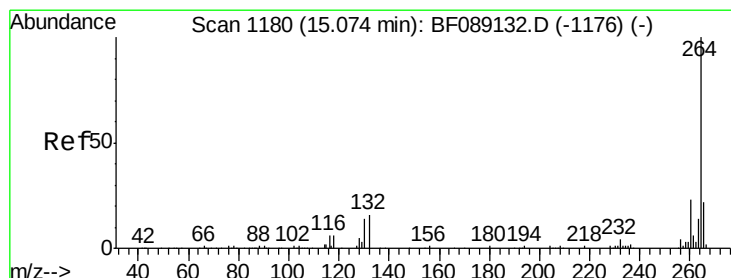
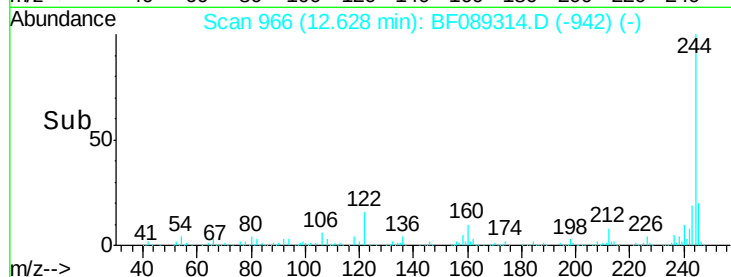
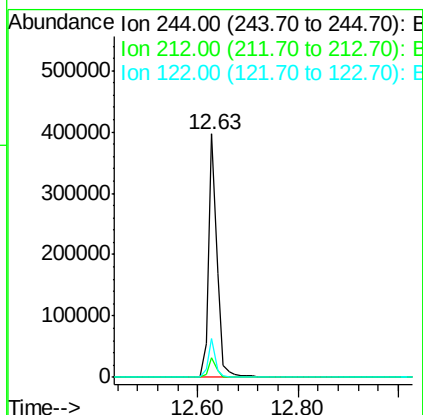
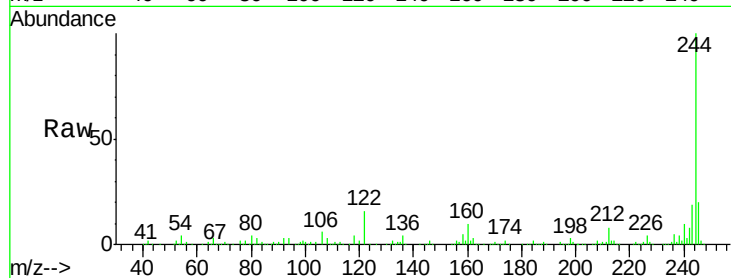




#78
 Terphenyl-d14
 Concen: 68.14 ng
 RT: 12.63 min Scan# 966
 Delta R.T. -0.02 min
 Lab File: BF089314.D
 Acq: 26 Jul 2016 19:14

Instrument :
 BNA_F
 ClientSampled :
 PB92432BL

Tgt Ion:244 Resp: 461021
 Ion Ratio Lower Upper
 244 100
 212 8.3 7.0 10.4
 122 16.0 13.8 20.8



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.01 min Scan# 1174
 Delta R.T. -0.02 min
 Lab File: BF089314.D
 Acq: 26 Jul 2016 19:14

Tgt Ion:264 Resp: 125958
 Ion Ratio Lower Upper
 264 100
 260 22.9 18.5 27.7
 265 21.1 17.3 25.9

