

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF072316\
 Data File : BF089259.D
 Acq On : 24 Jul 2016 4:34
 Operator : UM/SJ
 Sample : H4151-04
 Misc :
 ALS Vial : 57 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Quant Time: Jul 25 01:17:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF072016.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 20 19:03:15 2016
 Response via : Initial Calibration

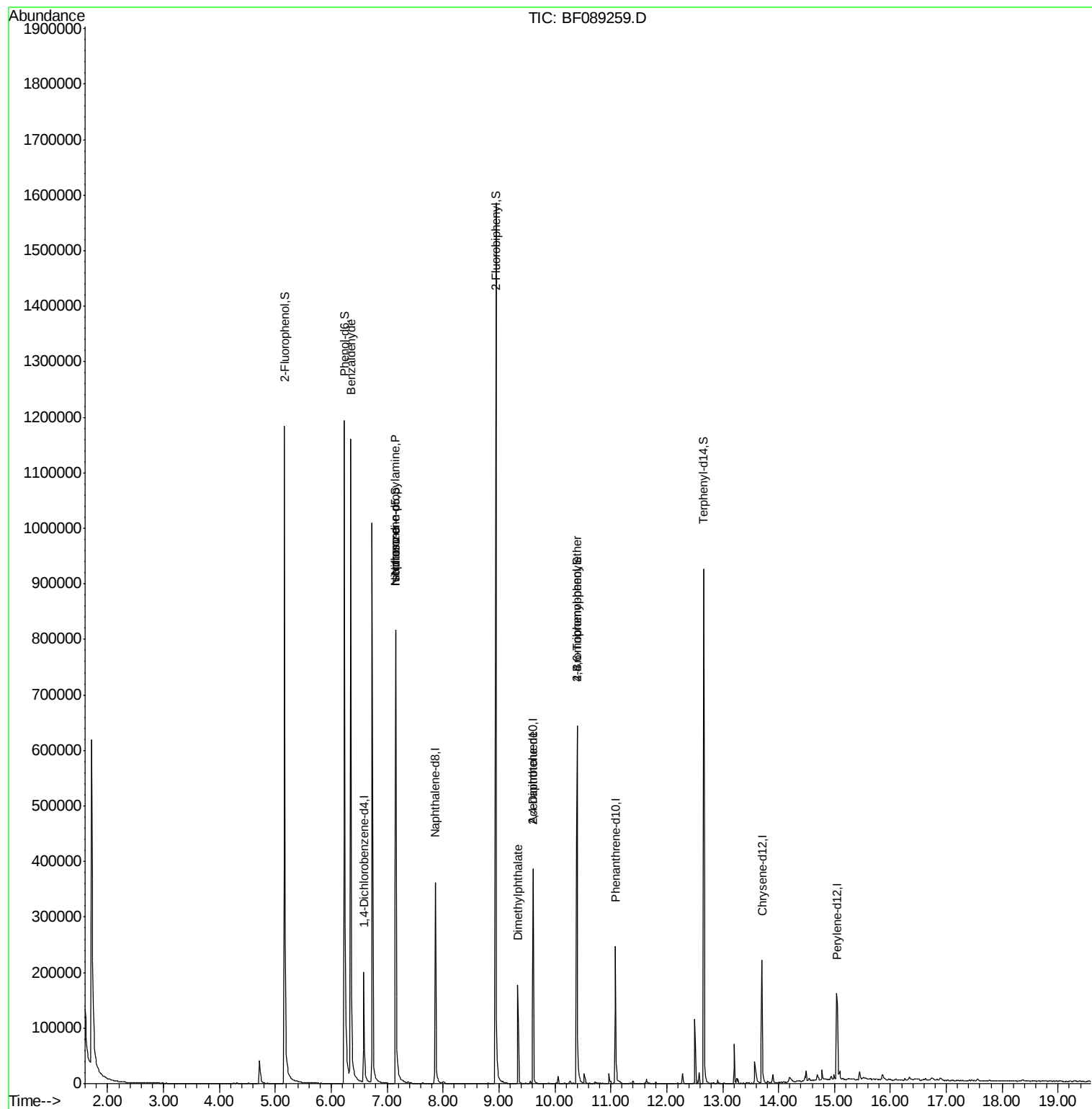
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	45318	20.00	ng	-0.02
21) Naphthalene-d8	7.86	136	192797	20.00	ng	-0.02
38) Acenaphthene-d10	9.61	164	82487	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	129946	20.00	ng	-0.02
75) Chrysene-d12	13.70	240	84517	20.00	ng	-0.02
86) Perylene-d12	15.05	264	86606	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.16	112	430572	144.50	ng	-0.02
7) Phenol-d6	6.24	99	564758	146.97	ng	-0.03
23) Nitrobenzene-d5	7.15	82	372473	102.65	ng	-0.02
41) 2,4,6-Tribromophenol	10.40	330	94056	126.65	ng	-0.02
44) 2-Fluorobiphenyl	8.95	172	622700	104.01	ng	-0.02
78) Terphenyl-d14	12.66	244	314222	80.64	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.35	77	10599	3.98	ng	Qvalue 84
19) n-Nitroso-di-n-propylamine	7.15	70	49547	19.71	ng	# 79
25) Isophorone	7.15	82	282490	42.24	ng	# 66
49) Dimethylphthalate	9.34	163	97543	15.41	ng	# 96
56) 2,4-Dinitrotoluene	9.61	165	10352	5.62	ng	# 10
66) 4-Bromophenyl-phenylether	10.40	248	7371	5.73	ng	# 1

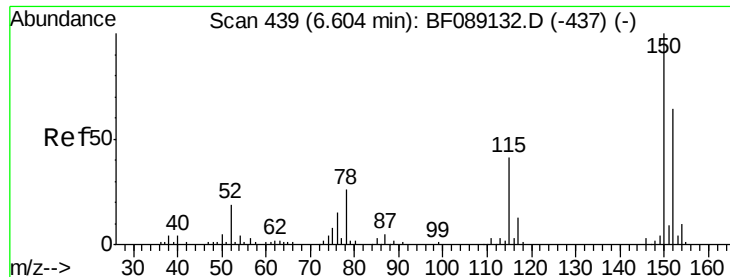
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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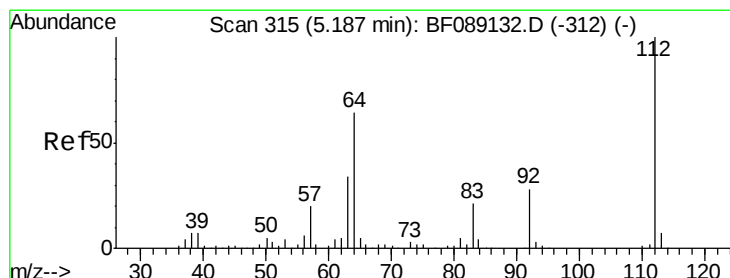
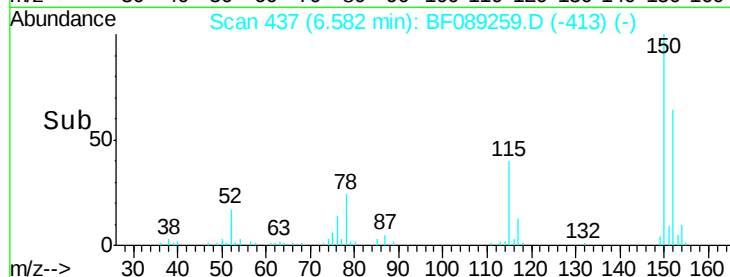
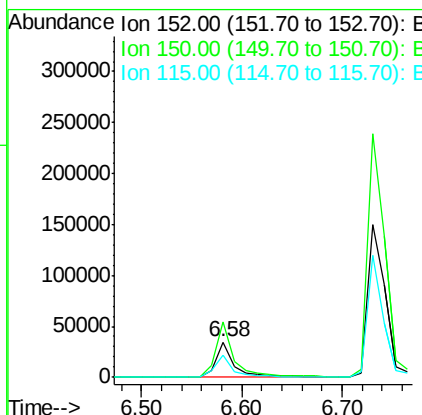
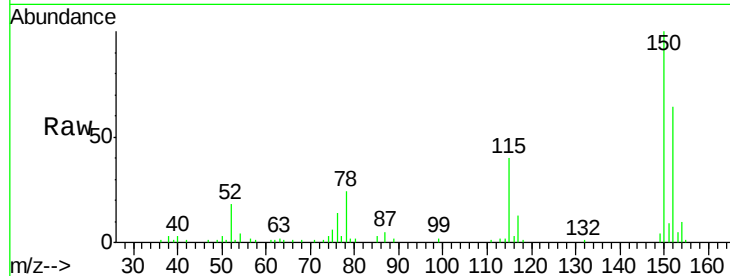




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.58 min Scan# 437
 Delta R.T. -0.02 min
 Lab File: BF089259.D
 Acq: 24 Jul 2016 4:34

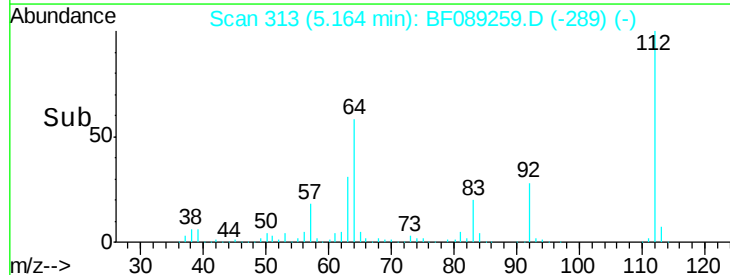
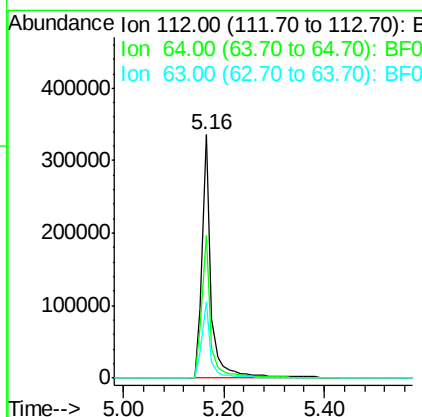
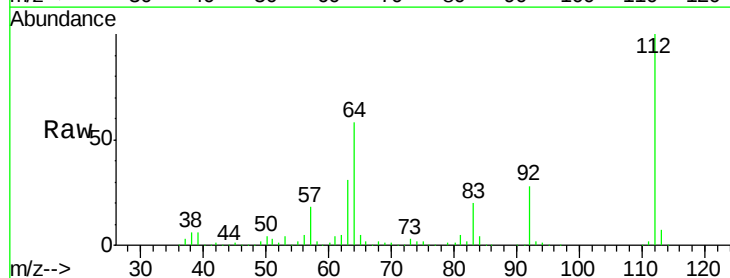
Instrument :
 BNA_F
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 SB-08-COMP

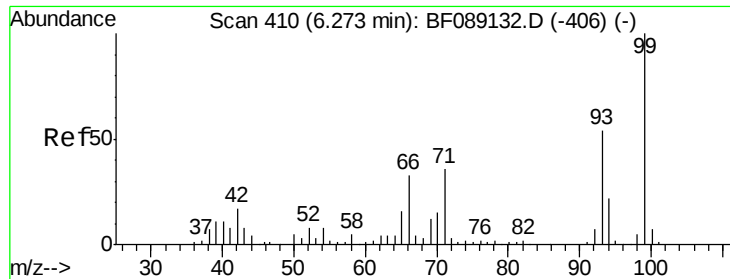
Tgt Ion:152 Resp: 45318
 Ion Ratio Lower Upper
 152 100
 150 155.1 125.1 187.7
 115 61.9 51.1 76.7



#5
 2-Fluorophenol
 Concen: 144.50 ng
 RT: 5.16 min Scan# 313
 Delta R.T. -0.02 min
 Lab File: BF089259.D
 Acq: 24 Jul 2016 4:34

Tgt Ion:112 Resp: 430572
 Ion Ratio Lower Upper
 112 100
 64 58.4 51.0 76.4
 63 31.3 27.3 40.9





#7

Phenol-d6

Concen: 146.97 ng

RT: 6.24 min Scan# 407

Delta R.T. -0.03 min

Lab File: BF089259.D

Acq: 24 Jul 2016 4:34

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

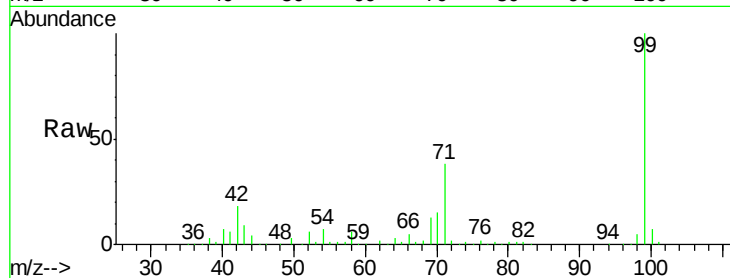
Tgt Ion: 99 Resp: 564758

Ion Ratio Lower Upper

99 100

42 17.9 13.5 20.3

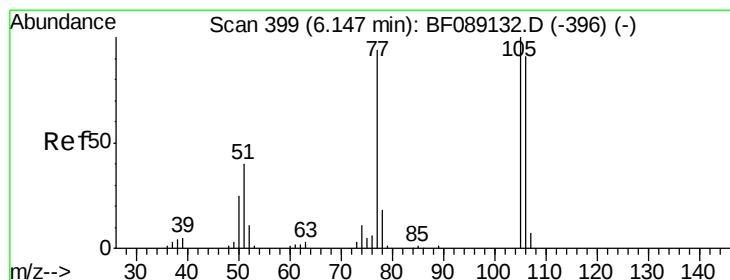
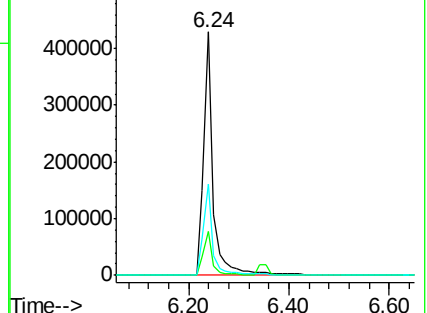
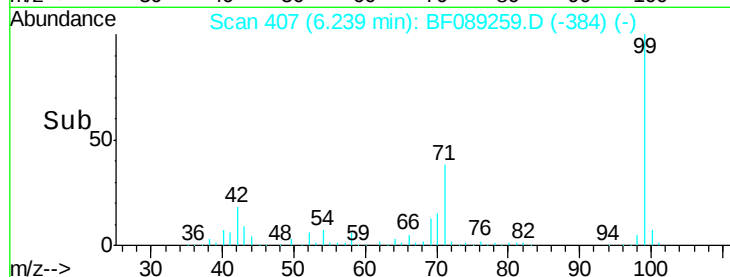
71 37.7 28.9 43.3



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



#9

Benzaldehyde

Concen: 3.98 ng

RT: 6.35 min Scan# 417

Delta R.T. 0.21 min

Lab File: BF089259.D

Acq: 24 Jul 2016 4:34

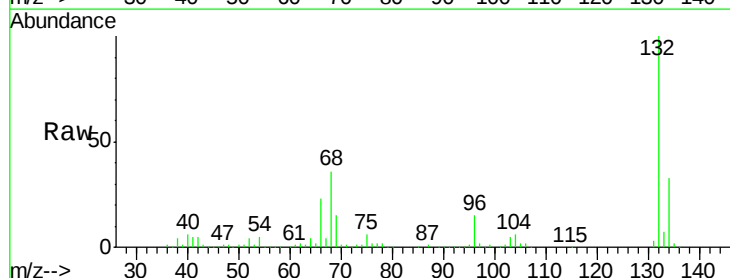
Tgt Ion: 77 Resp: 10599

Ion Ratio Lower Upper

77 100

105 87.2 86.2 126.2

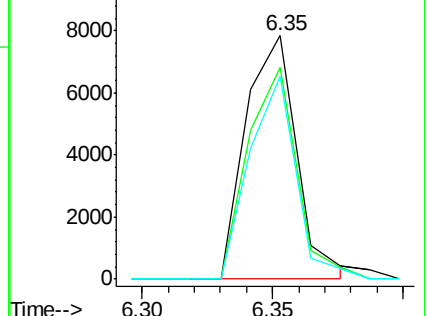
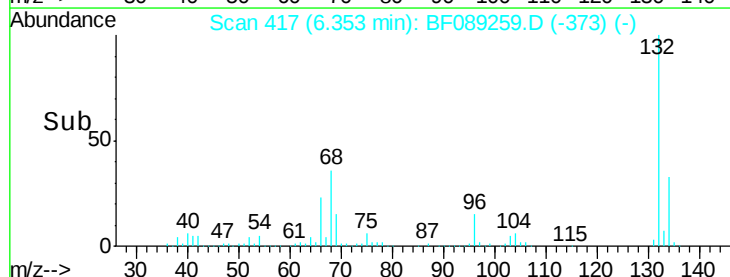
106 83.2 76.3 116.3

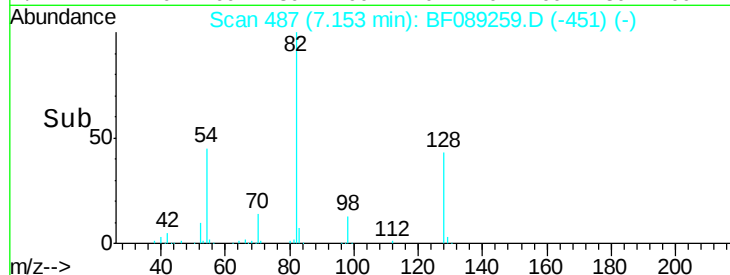
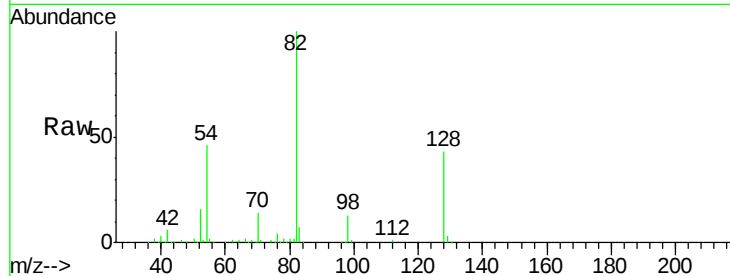
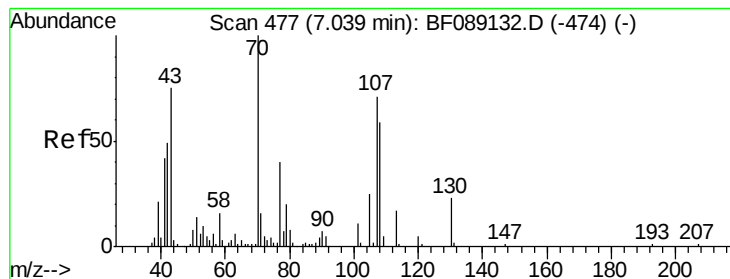


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): E

Ion 106.00 (105.70 to 106.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 19.71 ng

RT: 7.15 min Scan# 487

Delta R.T. 0.11 min

Lab File: BF089259.D

Acq: 24 Jul 2016 4:34

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

Tgt Ion: 70 Resp: 49547

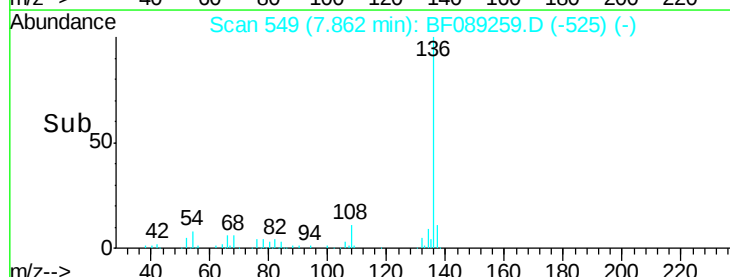
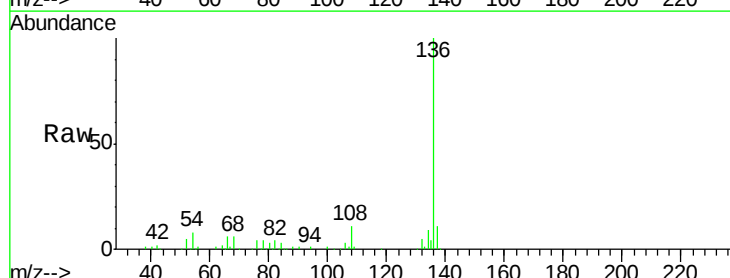
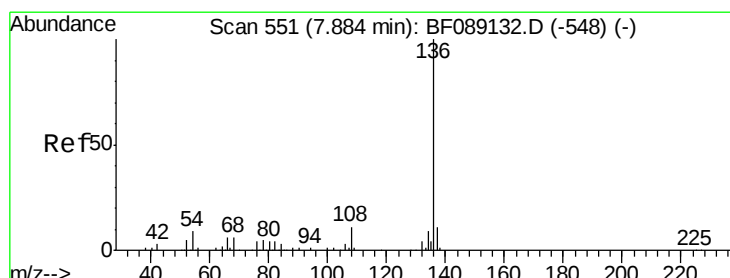
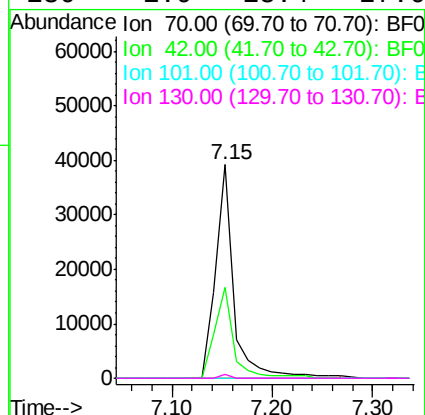
Ion Ratio Lower Upper

70 100

42 42.4 39.2 58.8

101 0.0 8.5 12.7#

130 1.9 18.4 27.6#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.86 min Scan# 549

Delta R.T. -0.02 min

Lab File: BF089259.D

Acq: 24 Jul 2016 4:34

Tgt Ion: 136 Resp: 192797

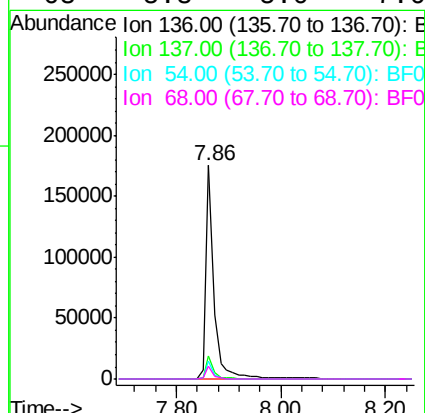
Ion Ratio Lower Upper

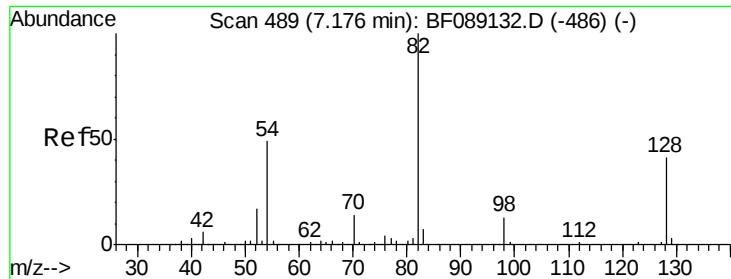
136 100

137 10.8 8.8 13.2

54 8.2 7.0 10.4

68 5.8 5.0 7.6

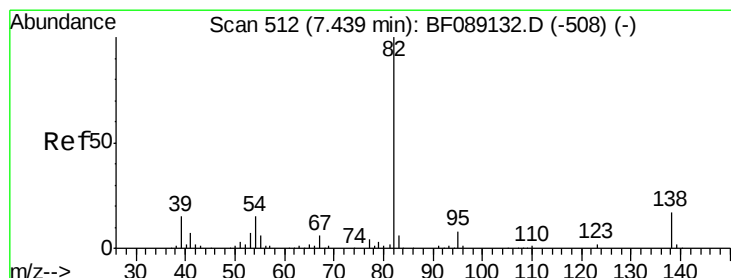
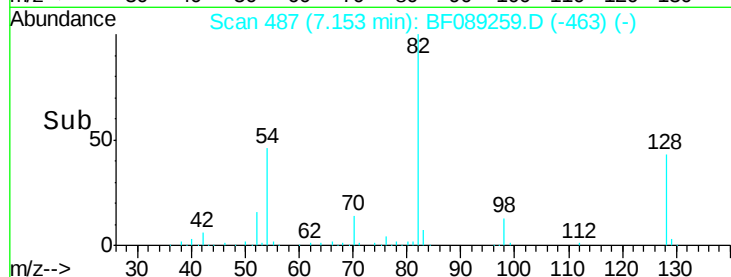
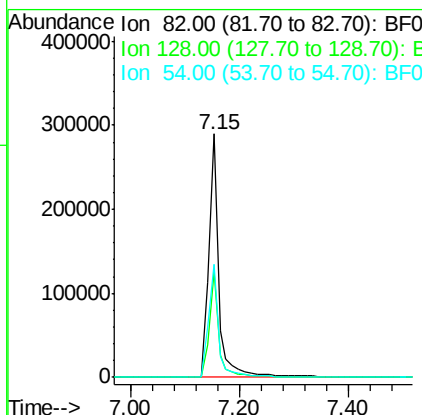
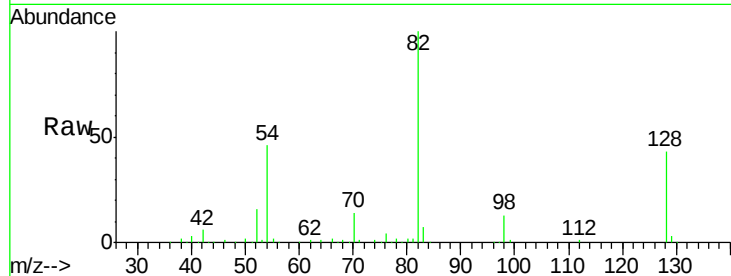




#23
 Nitrobenzene-d5
 Concen: 102.65 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.02 min
 Lab File: BF089259.D
 Acq: 24 Jul 2016 4:34

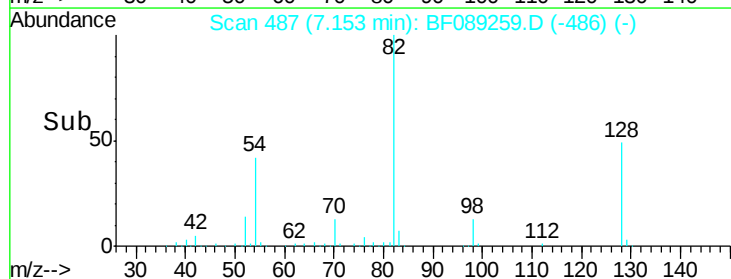
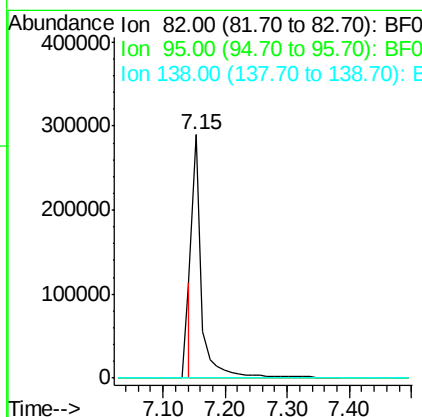
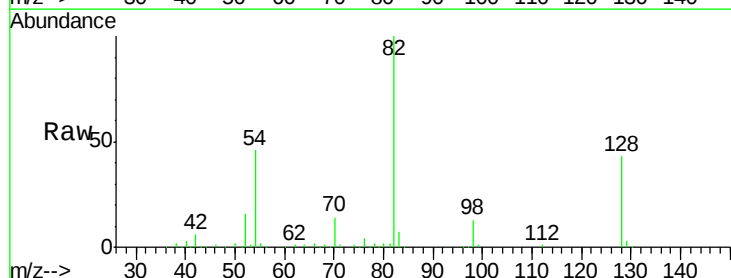
Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

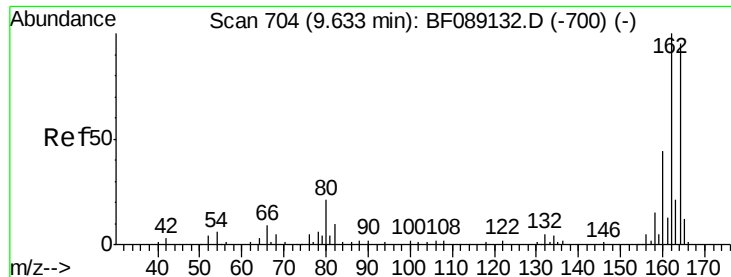
Tgt Ion: 82 Resp: 372473
 Ion Ratio Lower Upper
 82 100
 128 43.0 33.0 49.6
 54 46.3 39.0 58.4



#25
 Isophorone
 Concen: 42.24 ng
 RT: 7.15 min Scan# 487
 Delta R.T. -0.29 min
 Lab File: BF089259.D
 Acq: 24 Jul 2016 4:34

Tgt Ion: 82 Resp: 282490
 Ion Ratio Lower Upper
 82 100
 95 0.0 6.1 9.1#
 138 0.0 13.6 20.4#

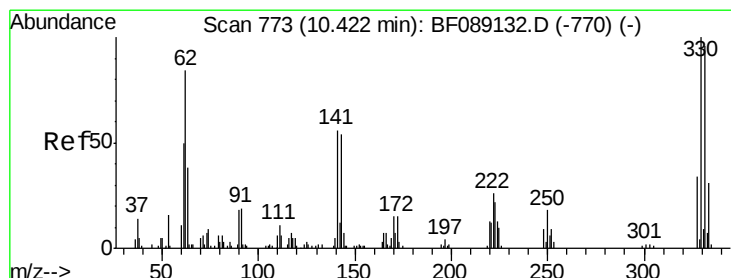
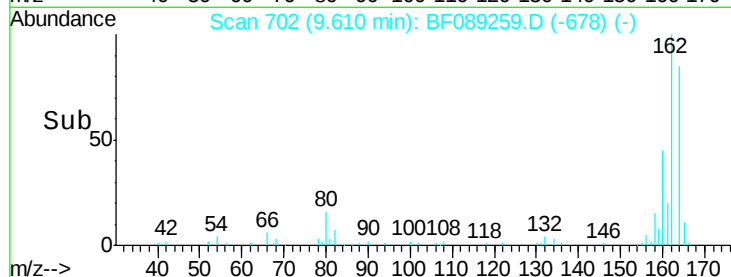
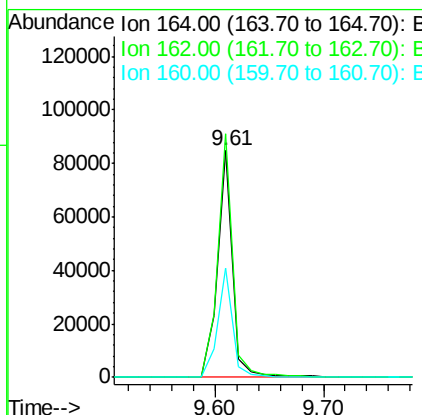
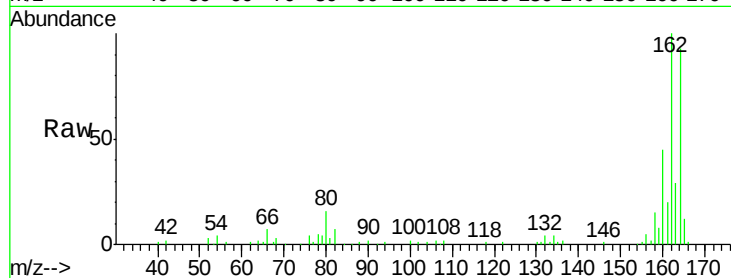




#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.61 min Scan# 702
Delta R.T. -0.02 min
Lab File: BF089259.D
Acq: 24 Jul 2016 4:34

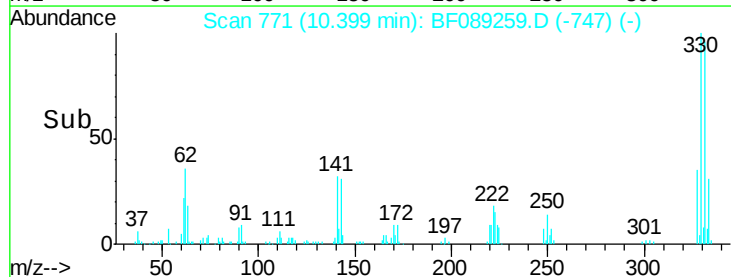
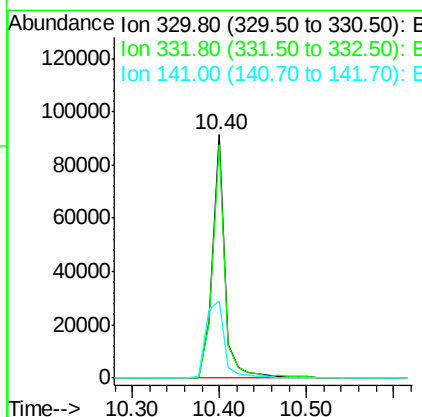
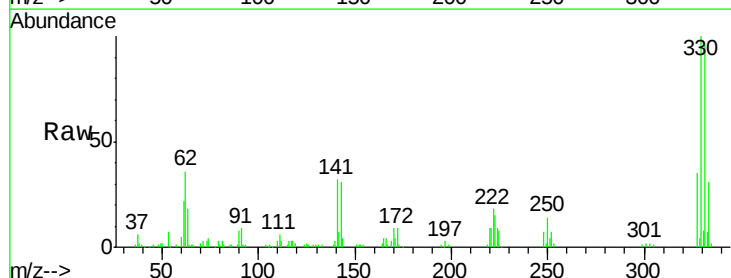
Instrument :
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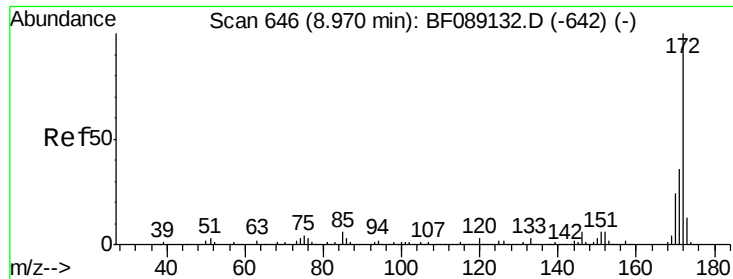
Tgt Ion:164 Resp: 82487
Ion Ratio Lower Upper
164 100
162 107.4 84.1 126.1
160 48.0 37.1 55.7



#41
2,4,6-Tribromophenol
Concen: 126.65 ng
RT: 10.40 min Scan# 771
Delta R.T. -0.02 min
Lab File: BF089259.D
Acq: 24 Jul 2016 4:34

Tgt Ion:330 Resp: 94056
Ion Ratio Lower Upper
330 100
332 96.1 77.2 115.8
141 46.3 42.2 63.2

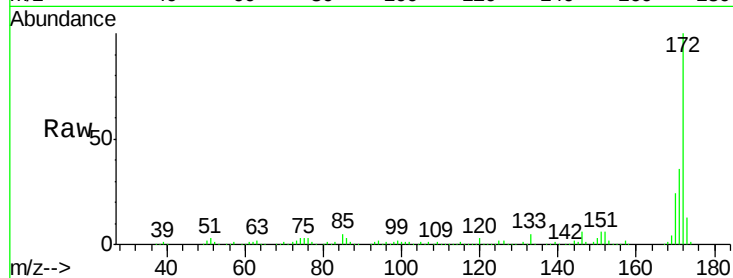




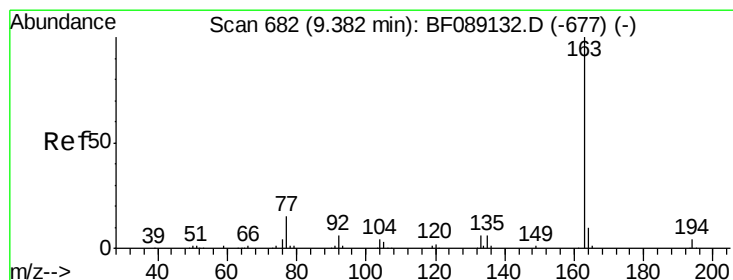
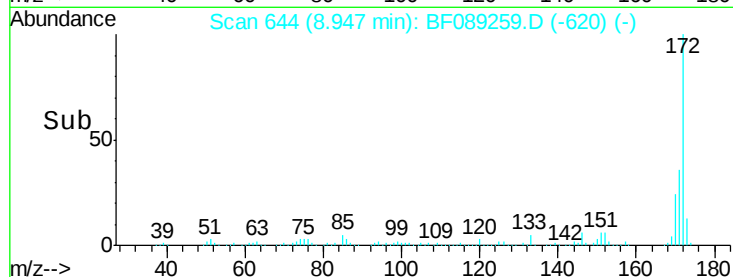
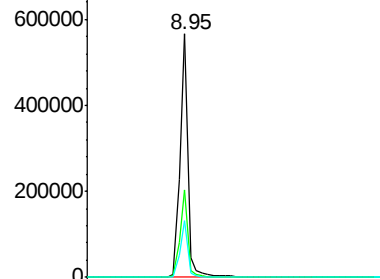
#44
2-Fluorobiphenyl
Concen: 104.01 ng
RT: 8.95 min Scan# 644
Delta R.T. -0.02 min
Lab File: BF089259.D
Acq: 24 Jul 2016 4:34

Instrument :
BNA_F
ClientSampleId :
SB-08-COMP

Tgt Ion:172 Resp: 622700
Ion Ratio Lower Upper
172 100
171 35.8 29.2 43.8
170 23.5 19.1 28.7

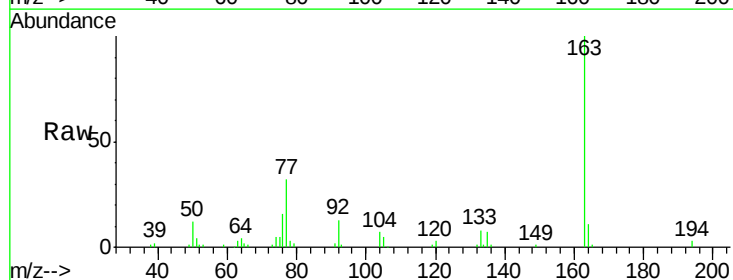


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

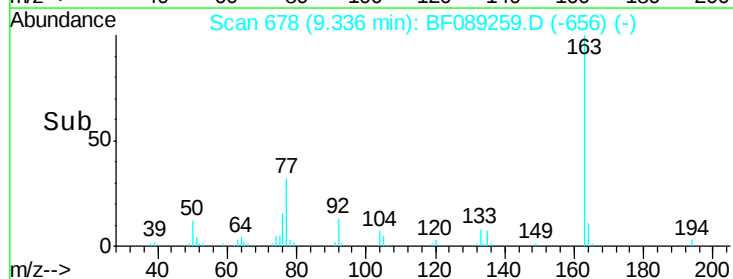
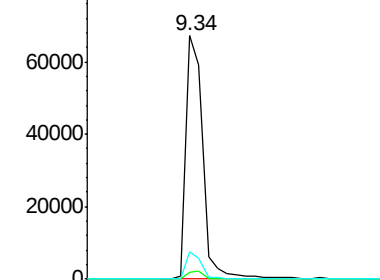


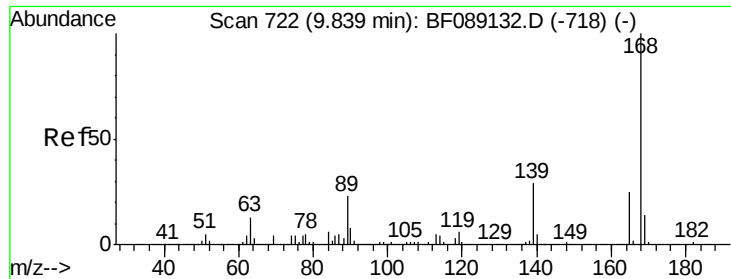
#49
Dimethylphthalate
Concen: 15.41 ng
RT: 9.34 min Scan# 678
Delta R.T. -0.05 min
Lab File: BF089259.D
Acq: 24 Jul 2016 4:34

Tgt Ion:163 Resp: 97543
Ion Ratio Lower Upper
163 100
194 2.6 2.9 4.3#
164 11.1 7.6 11.4



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

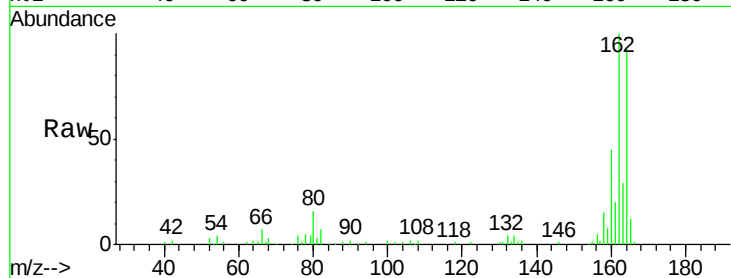




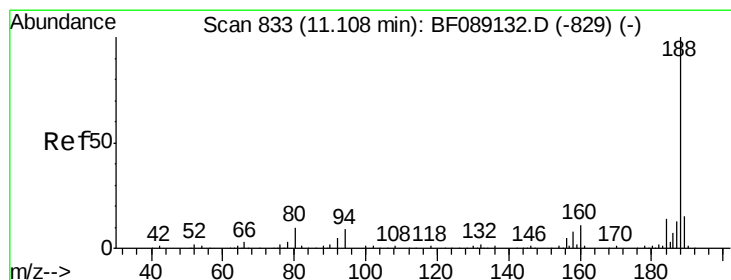
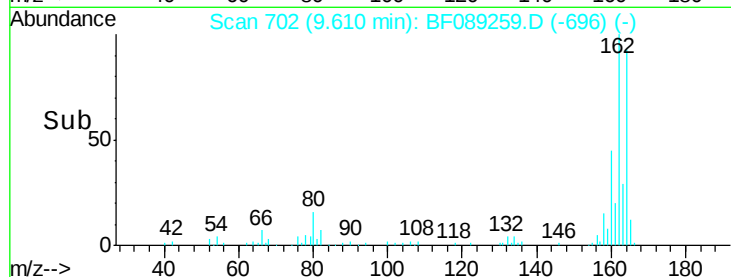
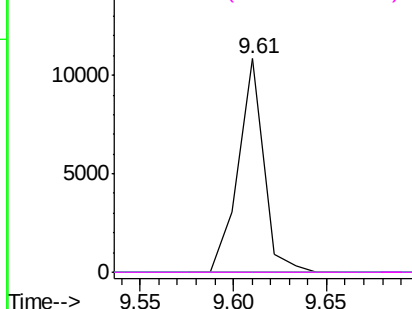
#56
 2,4-Dinitrotoluene
 Concen: 5.62 ng
 RT: 9.61 min Scan# 702
 Delta R.T. -0.23 min
 Lab File: BF089259.D
 Acq: 24 Jul 2016 4:34

Instrument :
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Tgt Ion:165 Resp: 10352
 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#



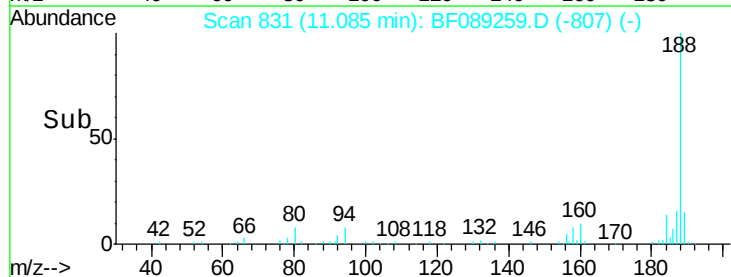
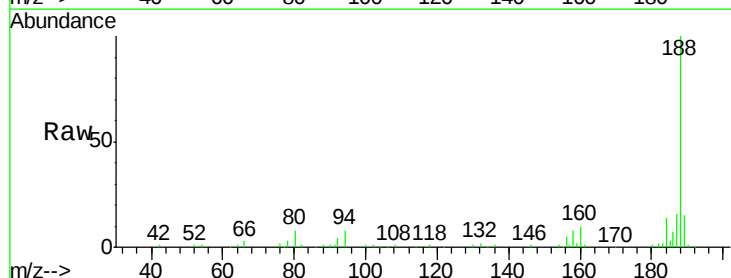
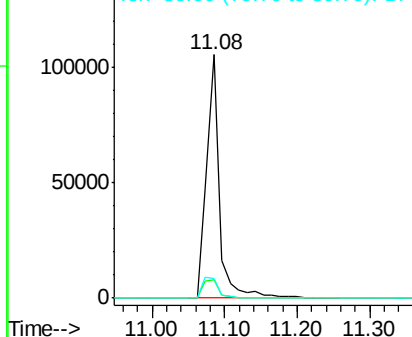
Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

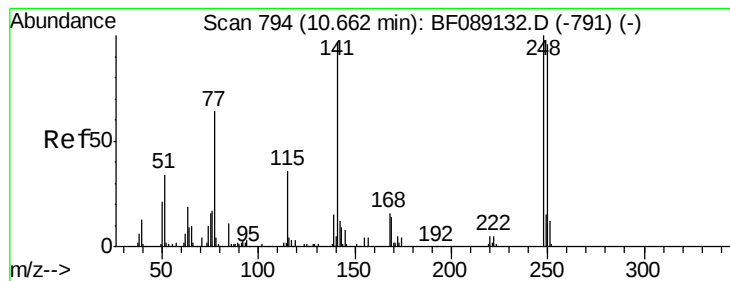


#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.08 min Scan# 831
 Delta R.T. -0.02 min
 Lab File: BF089259.D
 Acq: 24 Jul 2016 4:34

Tgt Ion:188 Resp: 129946
 Ion Ratio Lower Upper
 188 100
 94 7.6 7.0 10.4
 80 7.9 7.7 11.5

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





#66

4-Bromophenyl-phenylether

Concen: 5.73 ng

RT: 10.40 min Scan# 771

Delta R.T. -0.26 min

Lab File: BF089259.D

Acq: 24 Jul 2016 4:34

Instrument :

BNA_F

ClientSampleId :

SB-08-COMP

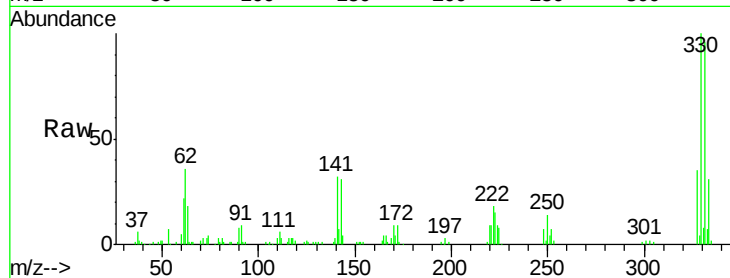
Tgt Ion: 248 Resp: 7371

Ion Ratio Lower Upper

248 100

250 196.7 76.9 115.3#

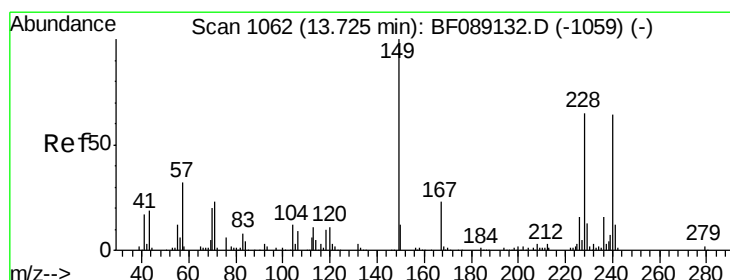
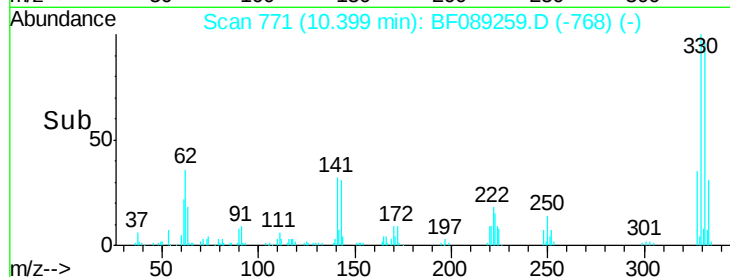
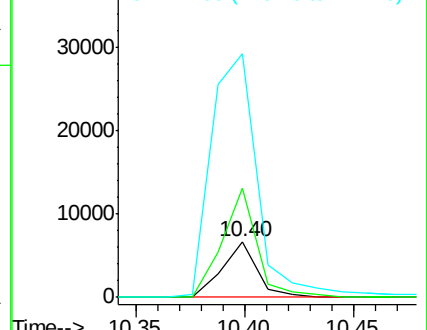
141 439.1 77.4 116.2#



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: 13.70 min Scan# 1060

Delta R.T. -0.02 min

Lab File: BF089259.D

Acq: 24 Jul 2016 4:34

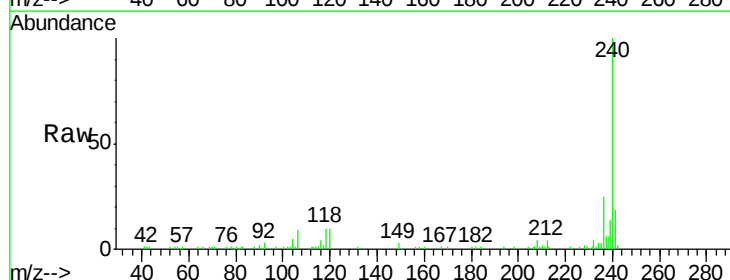
Tgt Ion: 240 Resp: 84517

Ion Ratio Lower Upper

240 100

120 10.4 13.6 20.4#

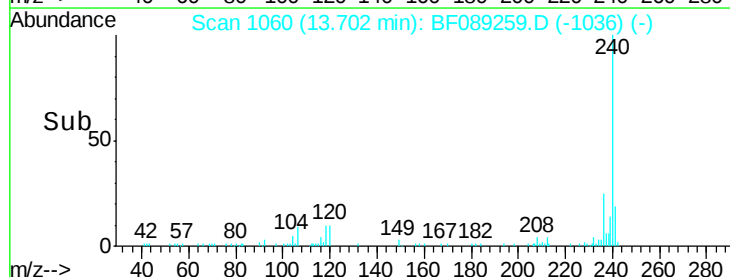
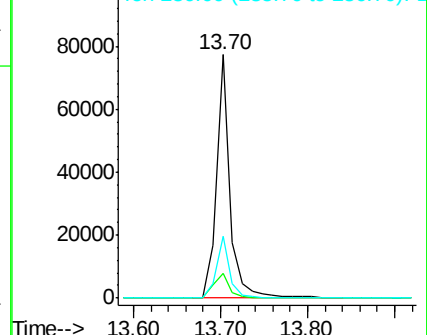
236 25.4 20.5 30.7

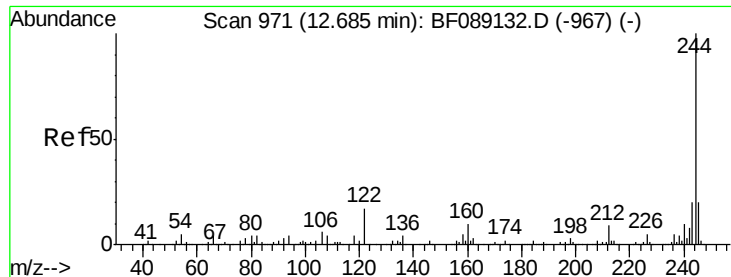


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

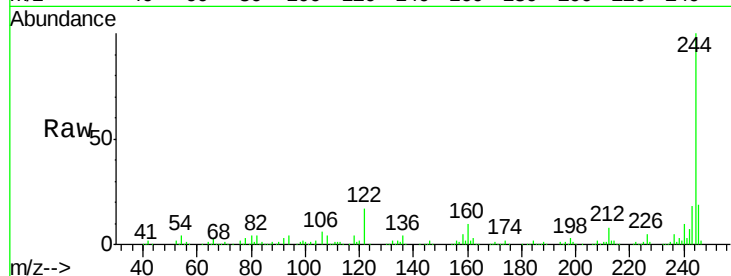




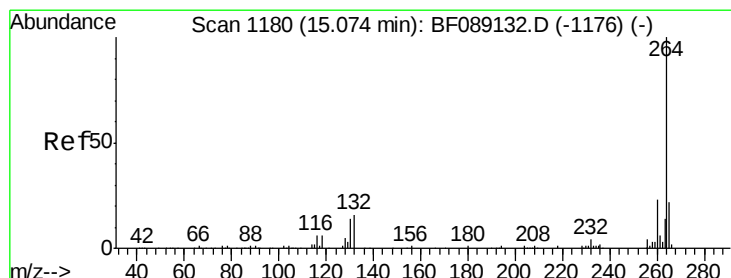
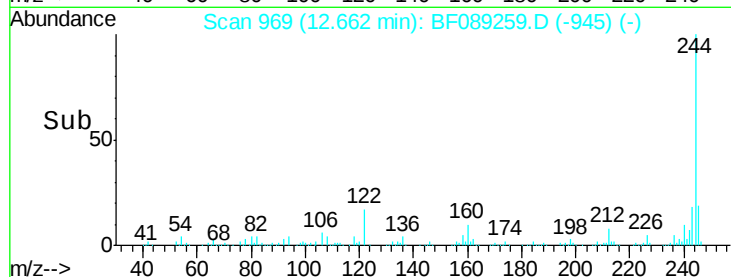
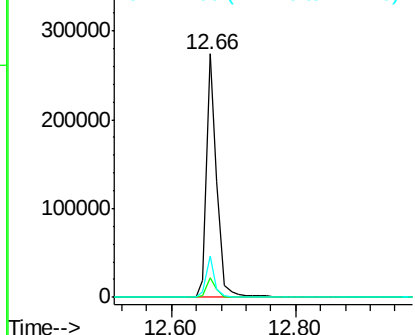
#78
 Terphenyl-d14
 Concen: 80.64 ng
 RT: 12.66 min Scan# 969
 Delta R.T. -0.02 min
 Lab File: BF089259.D
 Acq: 24 Jul 2016 4:34

Instrument :
 BNA_F
 ClientSampleId :
 SB-08-COMP

Tgt Ion:244 Resp: 314222
 Ion Ratio Lower Upper
 244 100
 212 8.2 7.0 10.4
 122 16.9 13.8 20.8

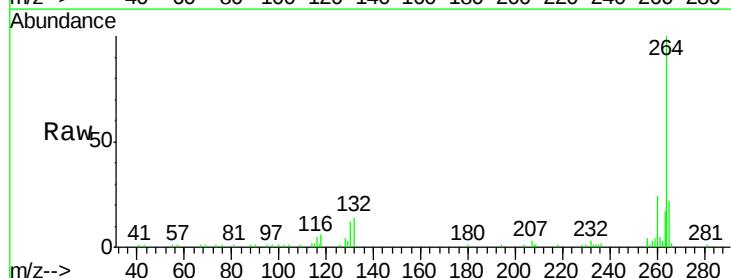


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.05 min Scan# 1178
 Delta R.T. -0.02 min
 Lab File: BF089259.D
 Acq: 24 Jul 2016 4:34

Tgt Ion:264 Resp: 86606
 Ion Ratio Lower Upper
 264 100
 260 24.3 18.5 27.7
 265 21.9 17.3 25.9



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

