

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF090716\
 Data File : BF090013.D
 Acq On : 7 Sep 2016 19:08
 Operator : UM/SJ
 Sample : H4676-23
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 RAMP-A(0-2)-12

Quant Time: Sep 08 07:16:38 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 02 13:29:08 2016
 Response via : Initial Calibration

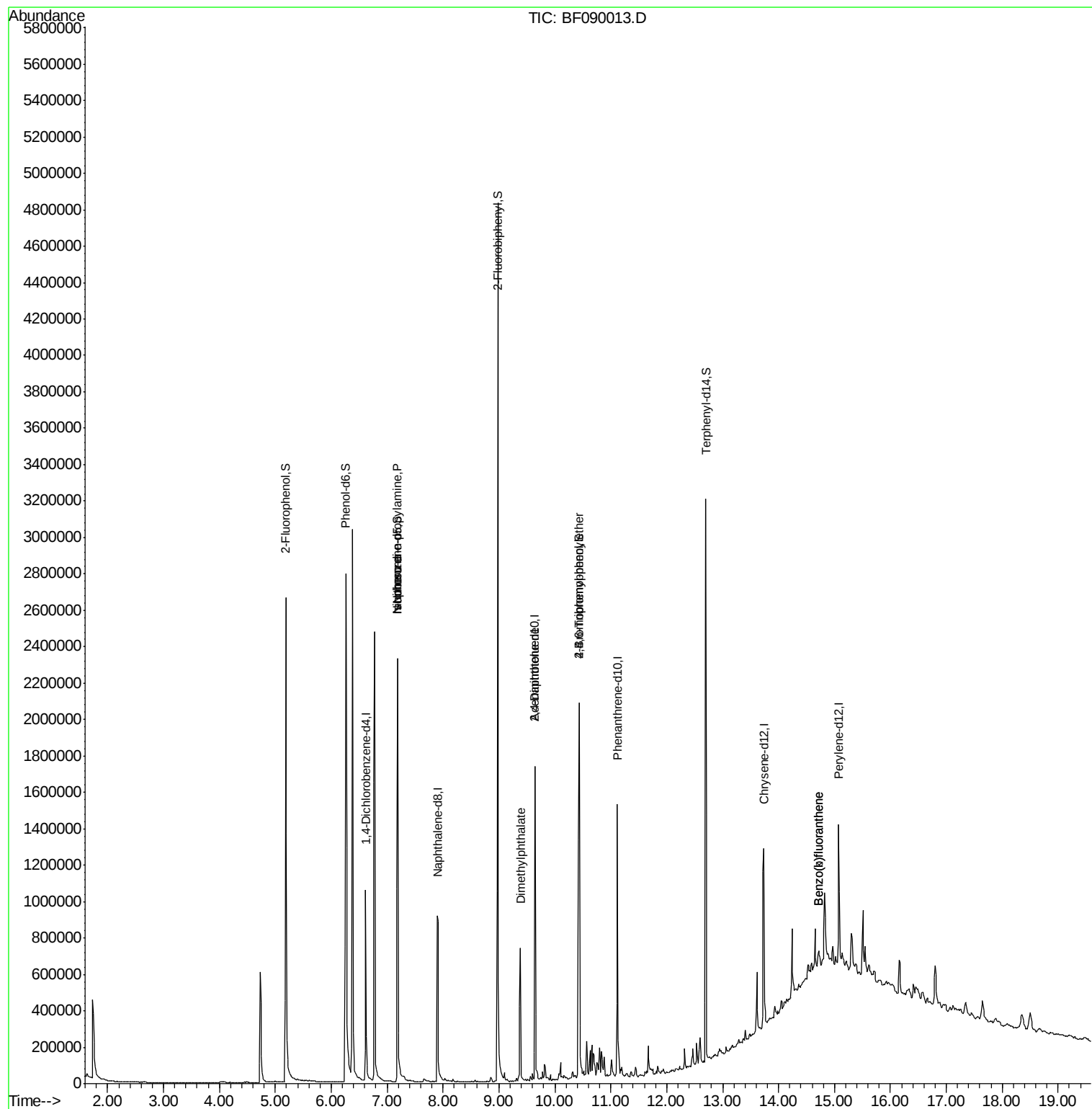
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	196514	20.00	ng	-0.02
21) Naphthalene-d8	7.91	136	740161	20.00	ng	-0.02
38) Acenaphthene-d10	9.64	164	367744	20.00	ng	-0.02
63) Phenanthrene-d10	11.12	188	612581	20.00	ng	-0.02
75) Chrysene-d12	13.74	240	475503	20.00	ng	-0.02
86) Perylene-d12	15.07	264	360376	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1091098	88.87	ng	-0.02
7) Phenol-d6	6.26	99	1467203	98.35	ng	-0.02
23) Nitrobenzene-d5	7.19	82	960617	75.27	ng	-0.02
41) 2,4,6-Tribromophenol	10.43	330	344051	94.83	ng	-0.02
44) 2-Fluorobiphenyl	8.98	172	1618141	72.23	ng	-0.02
78) Terphenyl-d14	12.70	244	1159005	60.21	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.19	70	127061	13.07	ng	# 79
25) Isophorone	7.19	82	721325	27.79	ng	# 65
49) Dimethylphthalate	9.38	163	425004	15.99	ng	97
56) 2,4-Dinitrotoluene	9.64	165	48221	6.43	ng	# 29
66) 4-Bromophenyl-phenylether	10.43	248	24029	3.90	ng	# 1
87) Benzo(b)fluoranthene	14.72	252	59120	2.62	ng	# 84
88) Benzo(k)fluoranthene	14.72	252	59120	3.09	ng	# 84

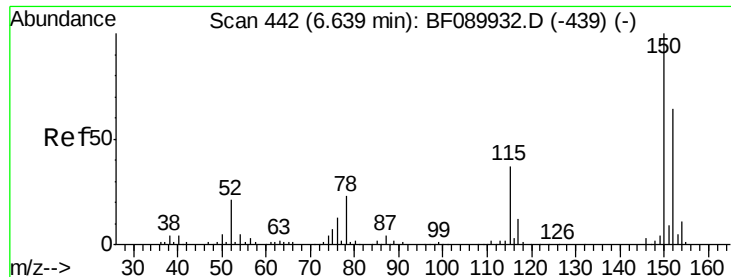
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Sep 02 13:29:08 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.02 min

Lab File: BF090013.D

Acq: 7 Sep 2016 19:08

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-12

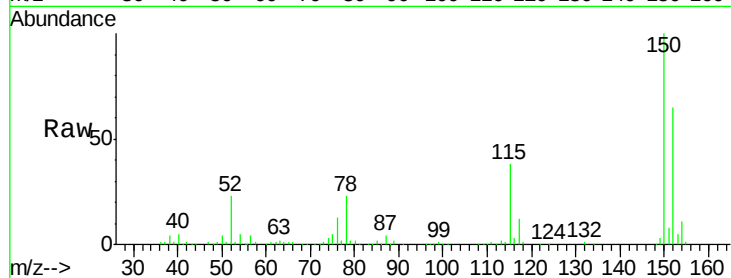
Tgt Ion:152 Resp: 196514

Ion Ratio Lower Upper

152 100

150 154.2 127.4 191.2

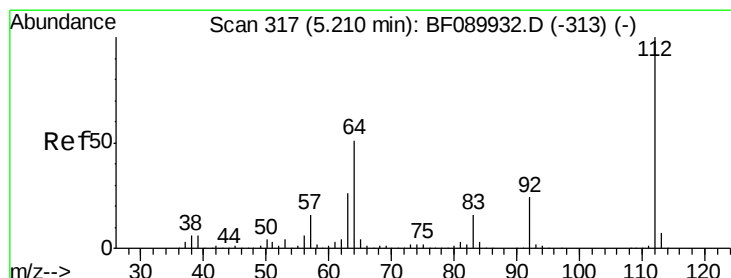
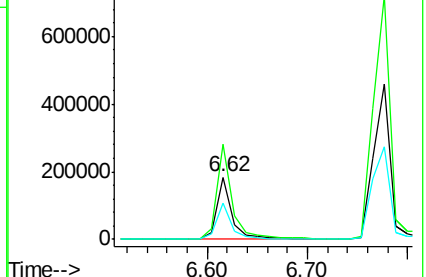
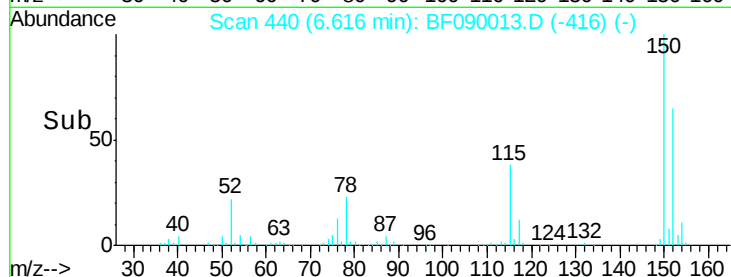
115 59.1 46.3 69.5



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: 88.87 ng

RT: 5.19 min Scan# 315

Delta R.T. -0.02 min

Lab File: BF090013.D

Acq: 7 Sep 2016 19:08

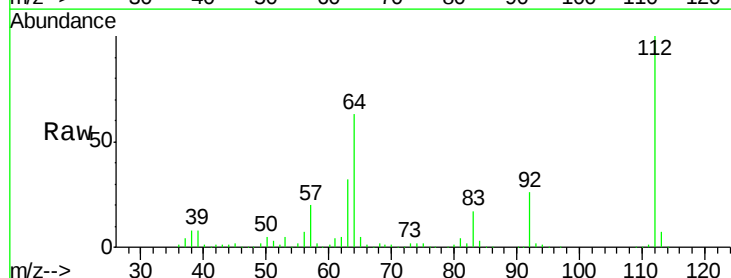
Tgt Ion:112 Resp: 1091098

Ion Ratio Lower Upper

112 100

64 62.9 41.1 61.7#

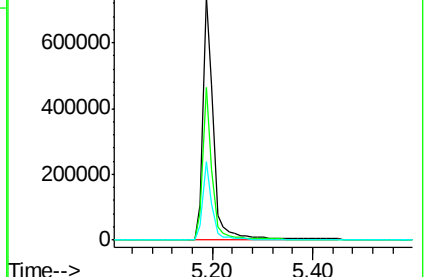
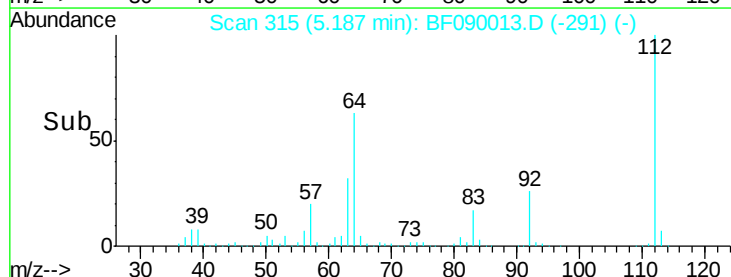
63 32.4 21.2 31.8#

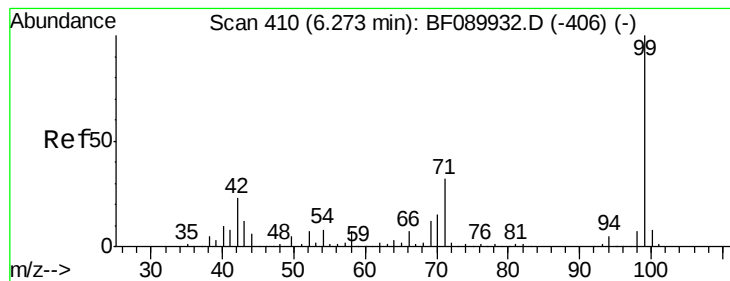


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.35 ng

RT: 6.26 min Scan# 409

Delta R.T. -0.02 min

Lab File: BF090013.D

Acq: 7 Sep 2016 19:08

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-12

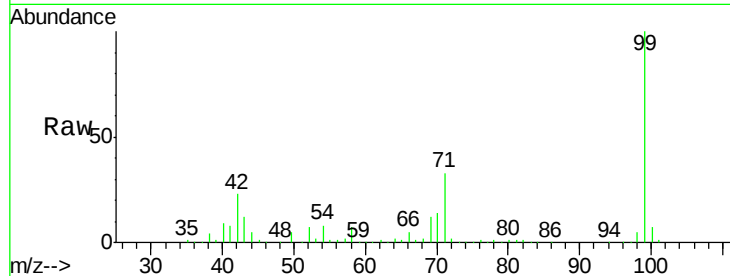
Tgt Ion: 99 Resp: 1467203

Ion Ratio Lower Upper

99 100

42 23.0 18.6 27.8

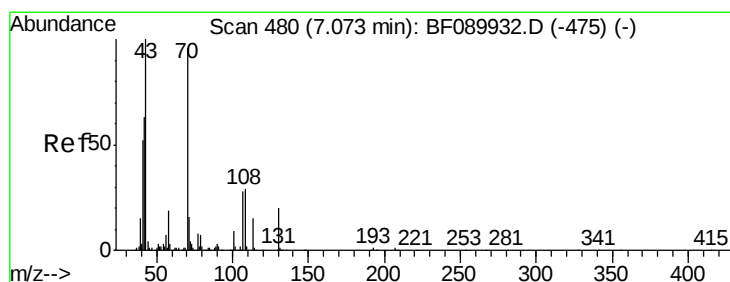
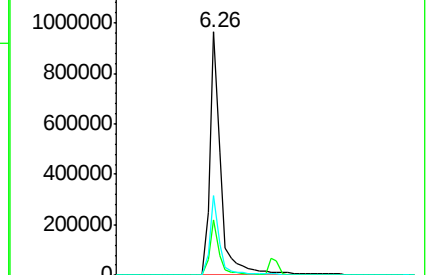
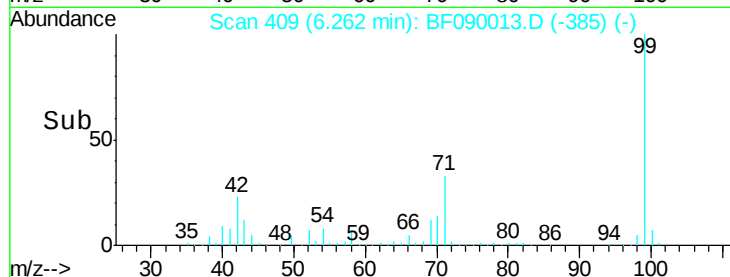
71 32.8 25.8 38.6



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: 13.07 ng

RT: 7.19 min Scan# 490

Delta R.T. 0.11 min

Lab File: BF090013.D

Acq: 7 Sep 2016 19:08

Tgt Ion: 70 Resp: 127061

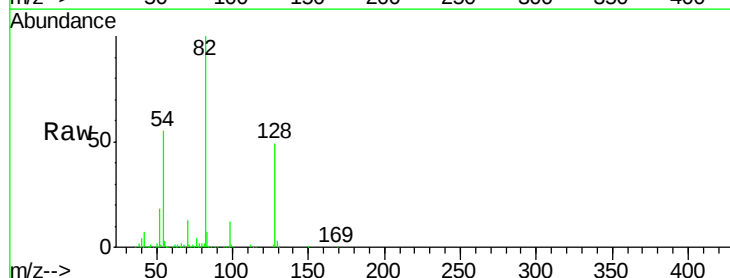
Ion Ratio Lower Upper

70 100

42 54.4 52.1 78.1

101 0.0 7.4 11.2#

130 2.3 17.0 25.4#

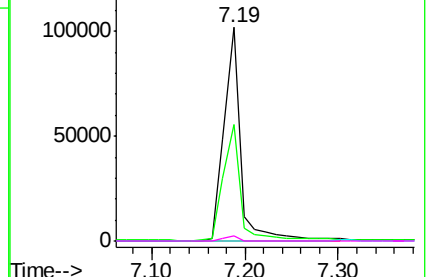
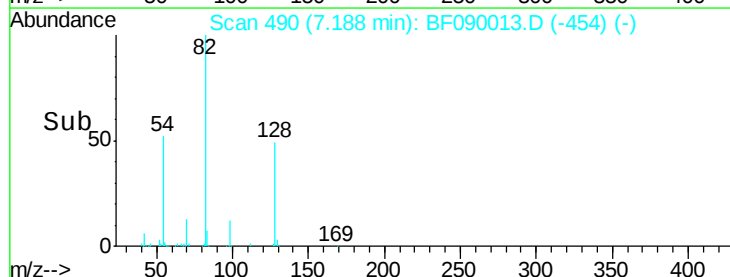


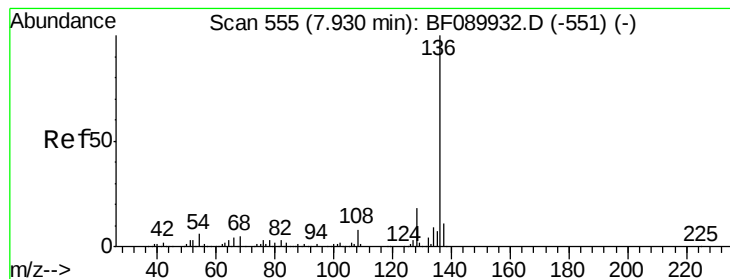
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): E

Ion 130.00 (129.70 to 130.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.91 min Scan# 553

Delta R.T. -0.02 min

Lab File: BF090013.D

Acq: 7 Sep 2016 19:08

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-12

Tgt Ion:136 Resp: 740161

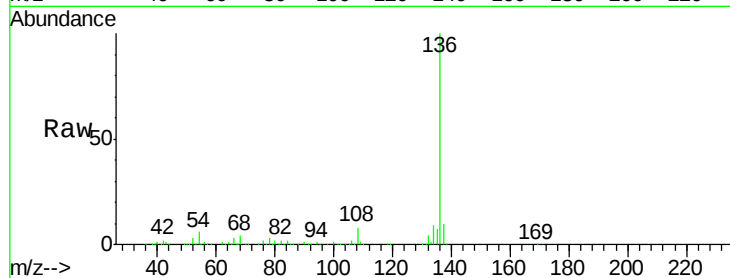
Ion Ratio Lower Upper

136 100

137 10.4 8.3 12.5

54 5.9 4.8 7.2

68 4.5 3.7 5.5

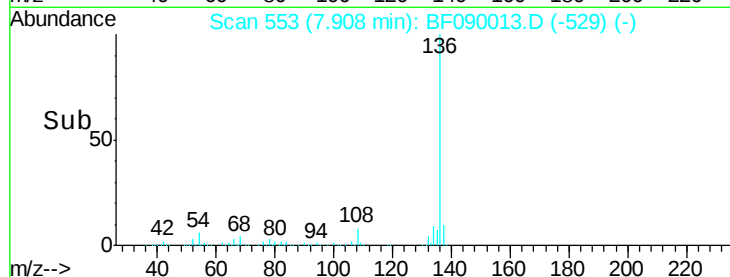


Abundance Ion 136.00 (135.70 to 136.70): E

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



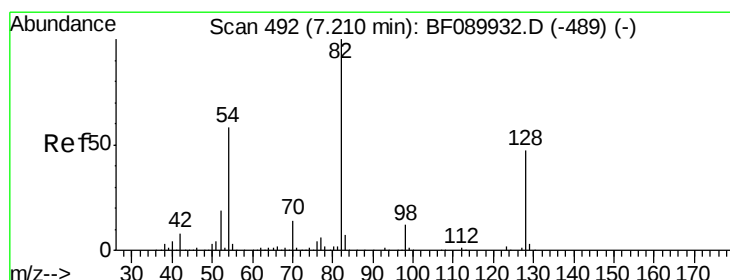
Abundance Ion 136.00 (135.70 to 136.70): E

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

Time-->



#23

Nitrobenzene-d5

Concen: 75.27 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.02 min

Lab File: BF090013.D

Acq: 7 Sep 2016 19:08

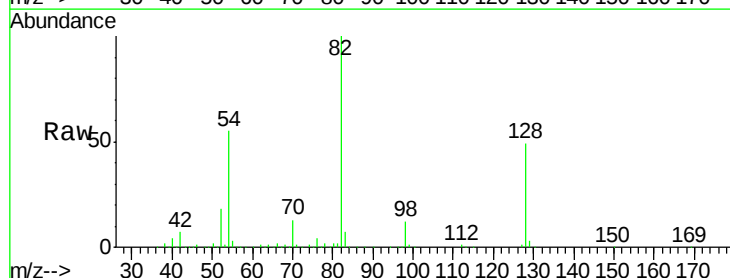
Tgt Ion: 82 Resp: 960617

Ion Ratio Lower Upper

82 100

128 49.1 37.8 56.8

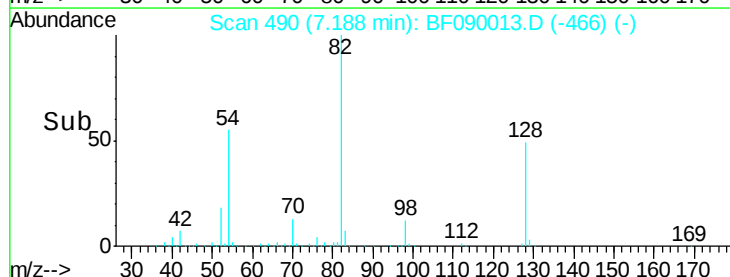
54 55.5 46.9 70.3



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

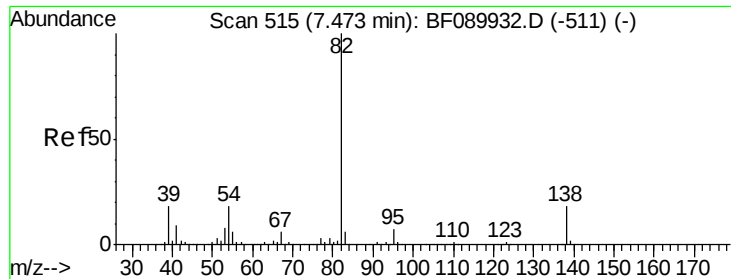


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

Time-->



#25

Isophorone

Concen: 27.79 ng

RT: 7.19 min Scan# 490

Delta R.T. -0.29 min

Lab File: BF090013.D

Acq: 7 Sep 2016 19:08

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-12

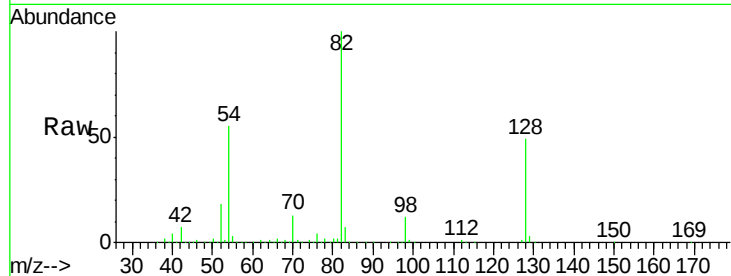
Tgt Ion: 82 Resp: 721325

Ion Ratio Lower Upper

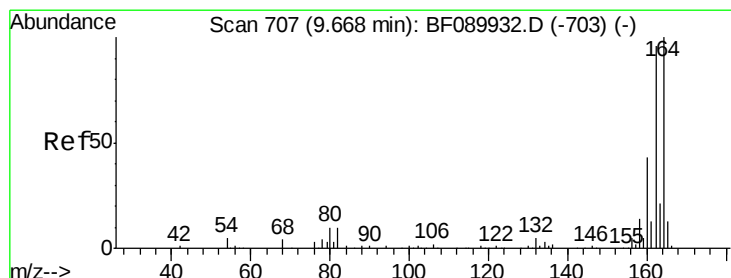
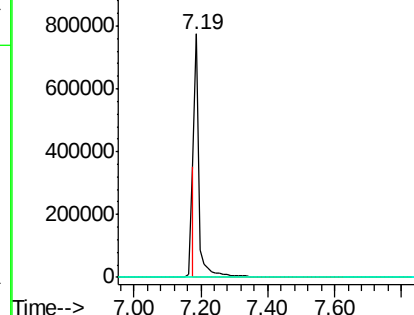
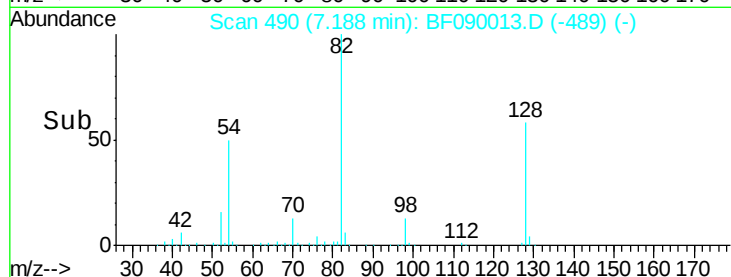
82 100

95 0.0 5.5 8.3#

138 0.0 14.4 21.6#



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: 9.64 min Scan# 705

Delta R.T. -0.02 min

Lab File: BF090013.D

Acq: 7 Sep 2016 19:08

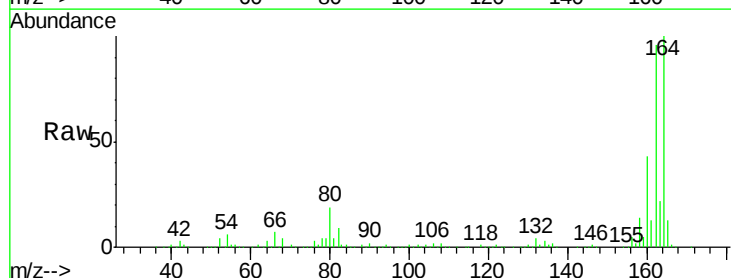
Tgt Ion: 164 Resp: 367744

Ion Ratio Lower Upper

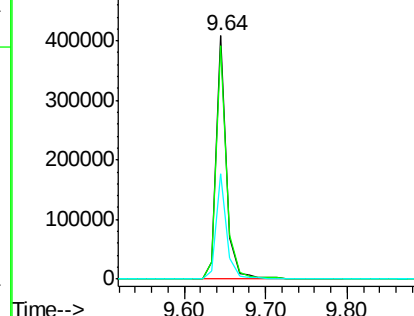
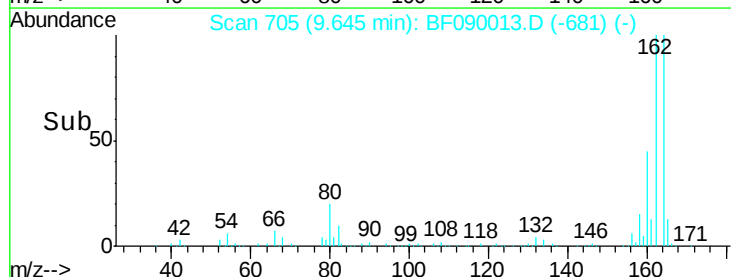
164 100

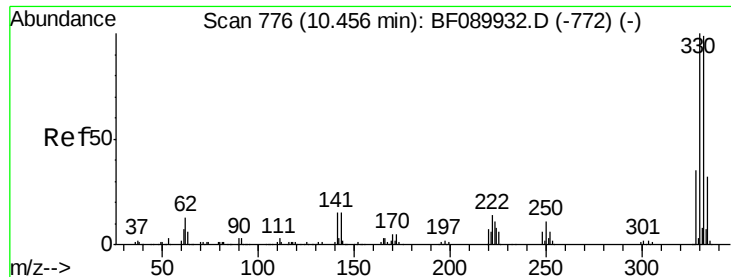
162 96.1 77.1 115.7

160 43.3 35.3 52.9



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

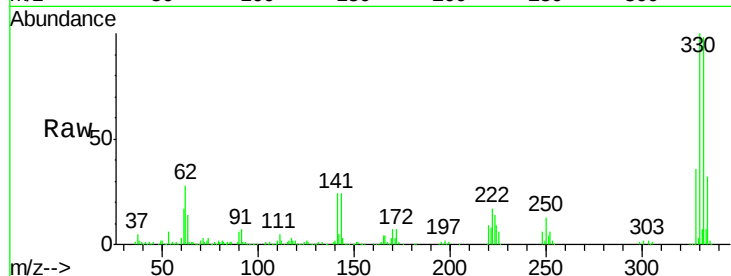




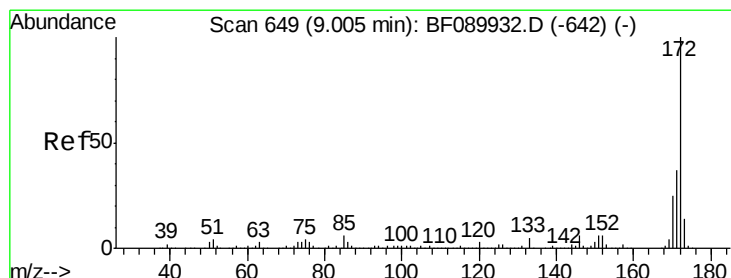
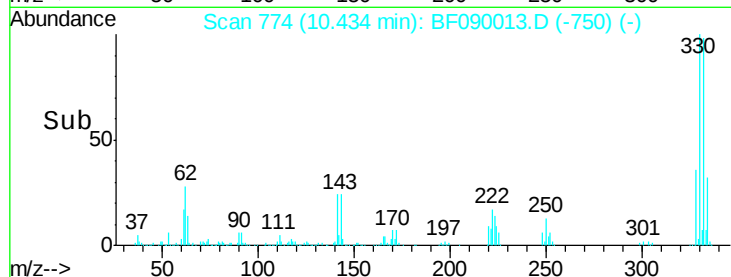
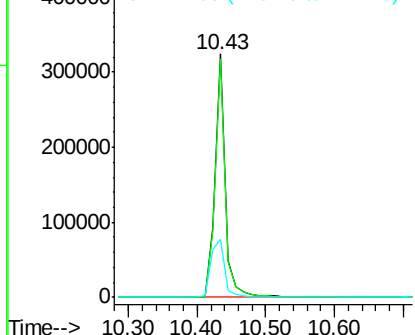
#41
 2,4,6-Tribromophenol
 Concen: 94.83 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.02 min
 Lab File: BF090013.D
 Acq: 7 Sep 2016 19:08

Instrument :
 BNA_F
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 RAMP-A(0-2)-12

Tgt Ion:330 Resp: 344051
 Ion Ratio Lower Upper
 330 100
 332 96.9 78.6 117.8
 141 32.4 23.3 34.9

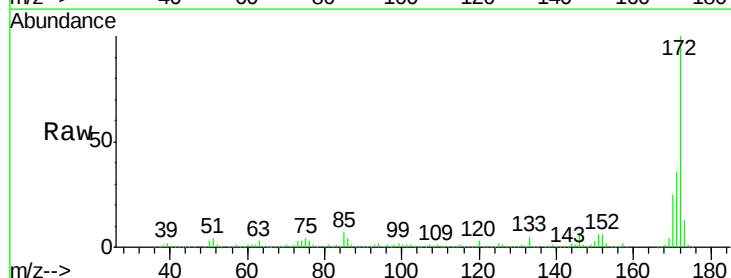


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

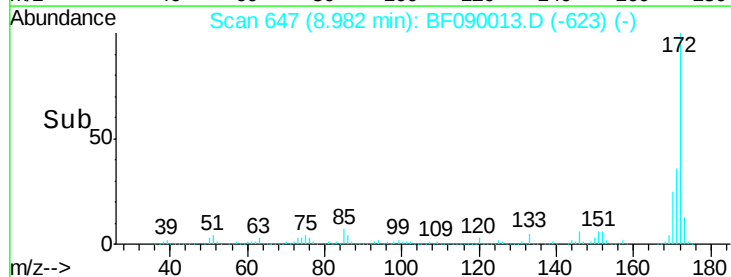
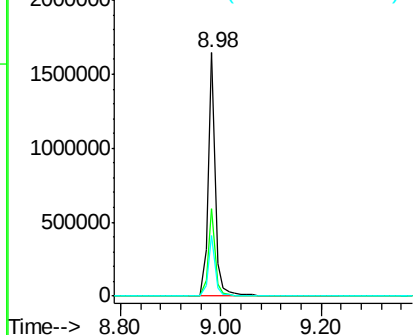


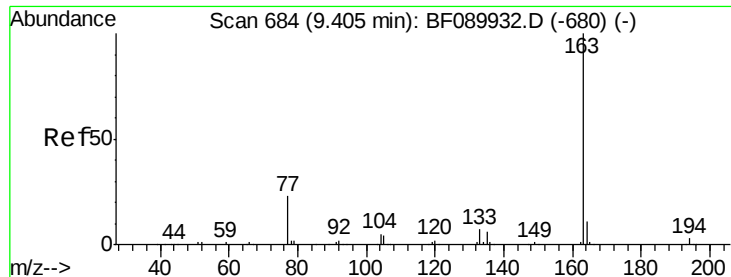
#44
 2-Fluorobiphenyl
 Concen: 72.23 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.02 min
 Lab File: BF090013.D
 Acq: 7 Sep 2016 19:08

Tgt Ion:172 Resp: 1618141
 Ion Ratio Lower Upper
 172 100
 171 36.1 29.4 44.2
 170 24.8 20.1 30.1



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: 15.99 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.03 min

Lab File: BF090013.D

Acq: 7 Sep 2016 19:08

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-12

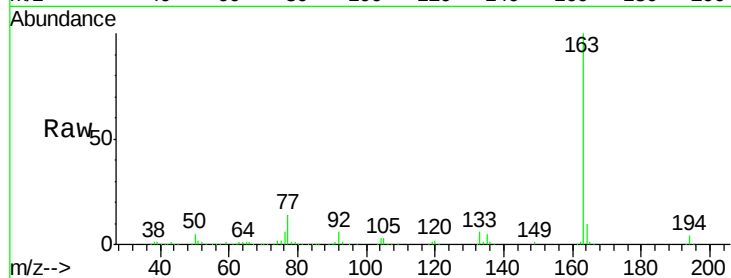
Tgt Ion:163 Resp: 425004

Ion Ratio Lower Upper

163 100

194 3.8 2.7 4.1

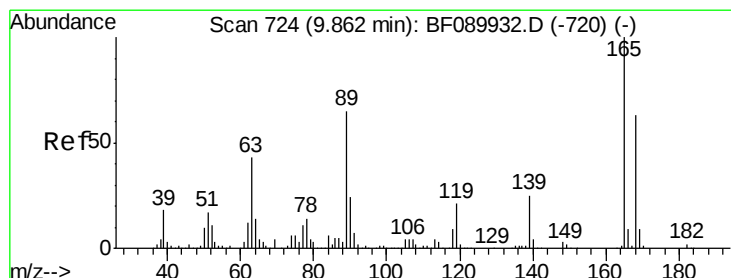
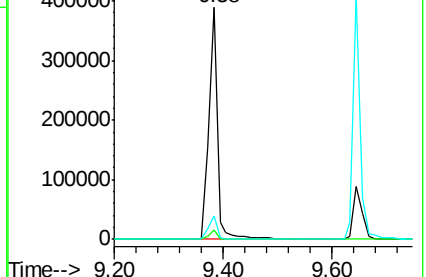
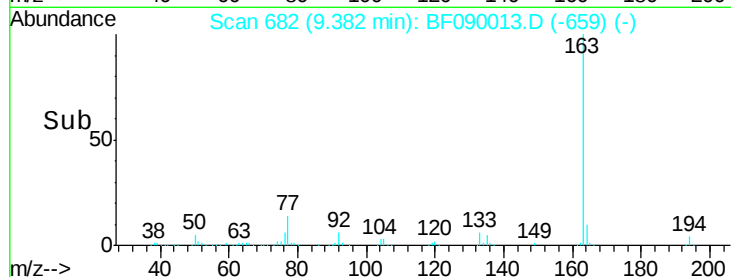
164 10.0 9.0 13.4



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: 6.43 ng

RT: 9.64 min Scan# 705

Delta R.T. -0.22 min

Lab File: BF090013.D

Acq: 7 Sep 2016 19:08

Tgt Ion:165 Resp: 48221

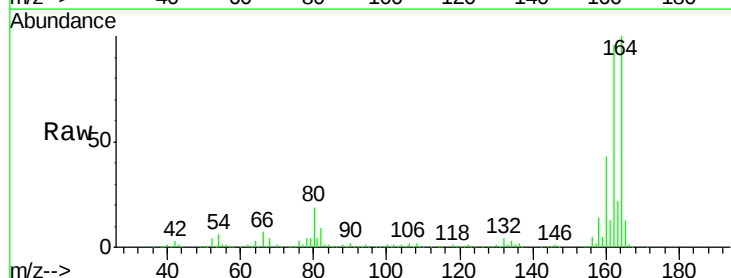
Ion Ratio Lower Upper

165 100

63 1.1 32.5 48.7#

89 1.3 48.3 72.5#

182 0.0 1.7 2.5#

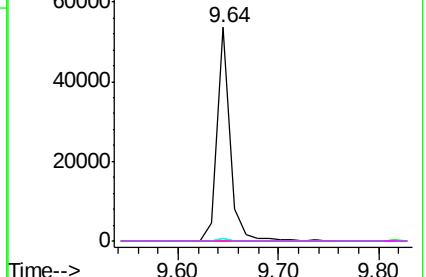
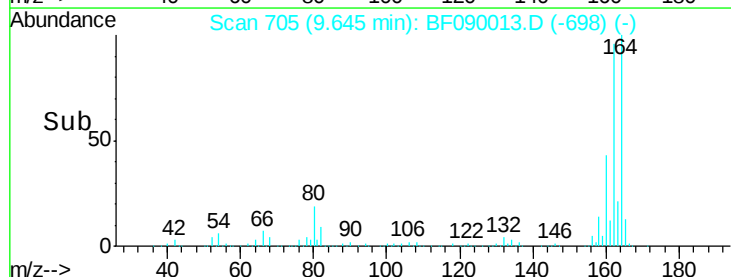


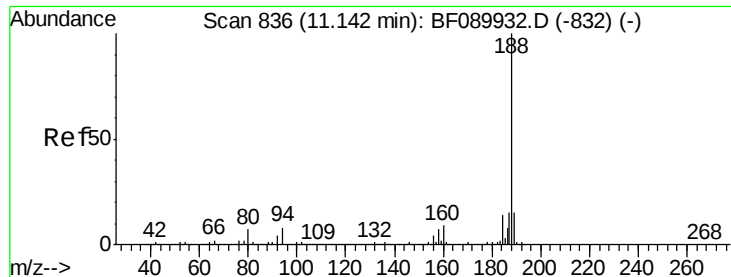
Abundance Ion 165.00 (164.70 to 165.70): E

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

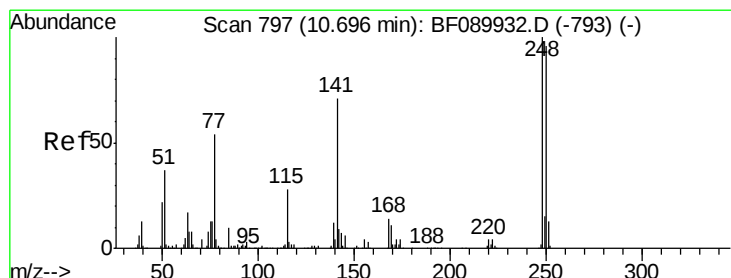
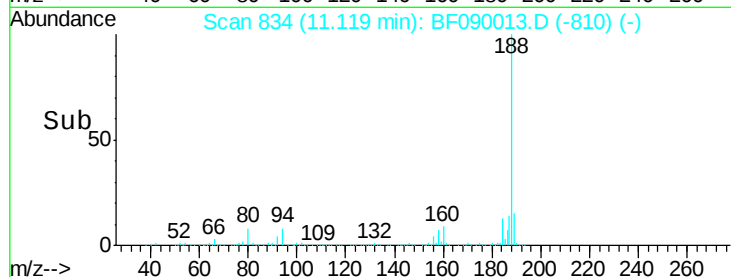
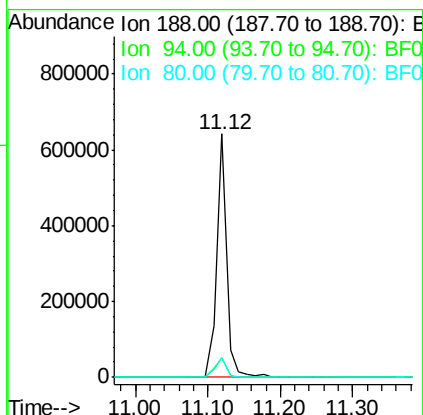
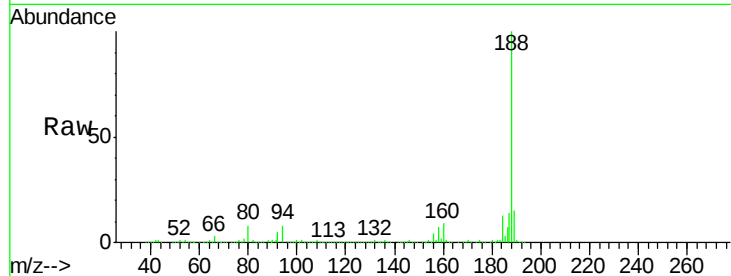




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.12 min Scan# 834
Delta R.T. -0.02 min
Lab File: BF090013.D
Acq: 7 Sep 2016 19:08

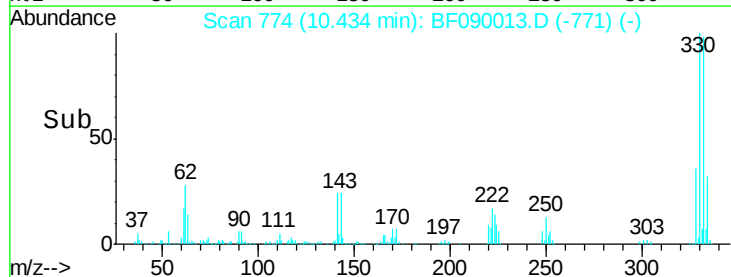
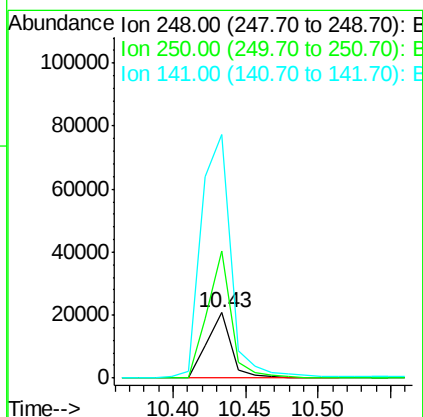
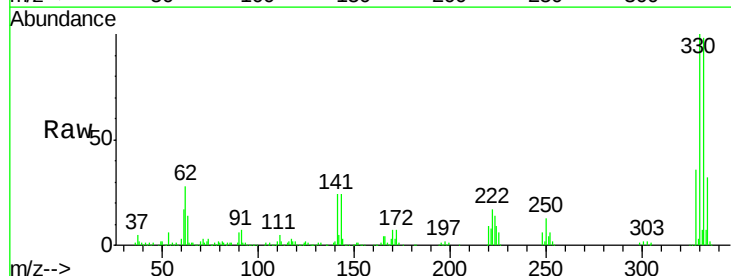
Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-12

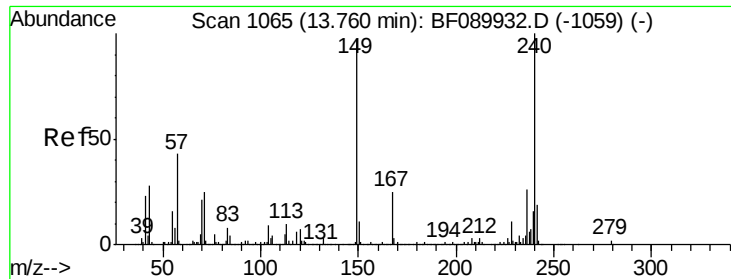
Tgt Ion:188 Resp: 612581
Ion Ratio Lower Upper
188 100
94 8.0 5.9 8.9
80 8.0 5.8 8.8



#66
4-Bromophenyl-phenylether
Concen: 3.90 ng
RT: 10.43 min Scan# 774
Delta R.T. -0.26 min
Lab File: BF090013.D
Acq: 7 Sep 2016 19:08

Tgt Ion:248 Resp: 24029
Ion Ratio Lower Upper
248 100
250 195.2 77.3 115.9#
141 372.1 55.8 83.8#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.74 min Scan# 1063

Delta R.T. -0.02 min

Lab File: BF090013.D

Acq: 7 Sep 2016 19:08

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-12

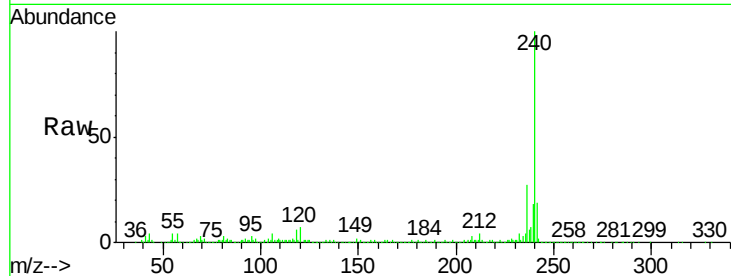
Tgt Ion:240 Resp: 475503

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

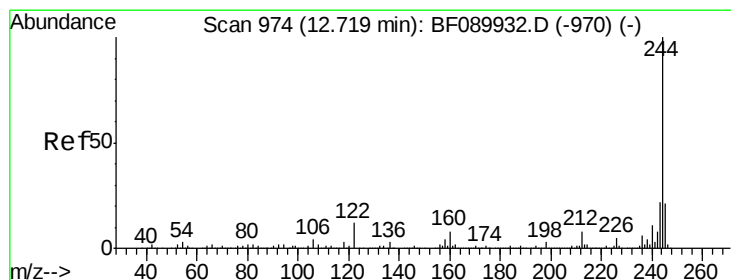
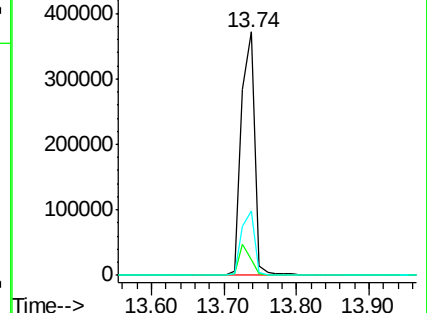
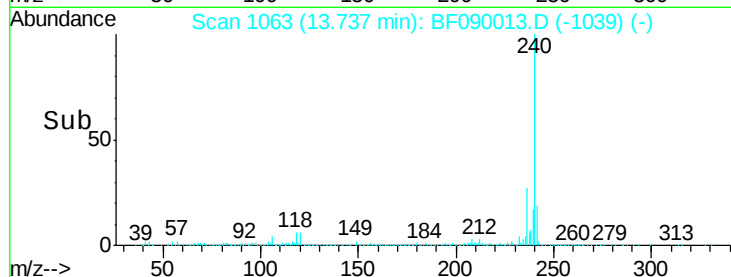
236 26.7 21.3 31.9



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: 60.21 ng

RT: 12.70 min Scan# 972

Delta R.T. -0.03 min

Lab File: BF090013.D

Acq: 7 Sep 2016 19:08

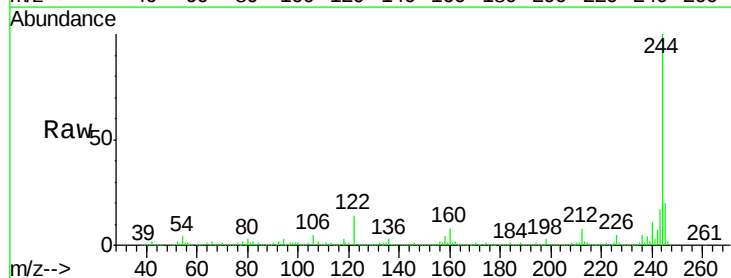
Tgt Ion:244 Resp: 1159005

Ion Ratio Lower Upper

244 100

212 7.8 6.1 9.1

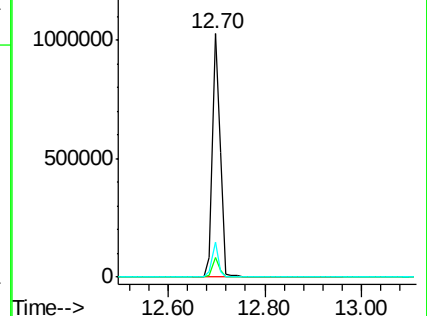
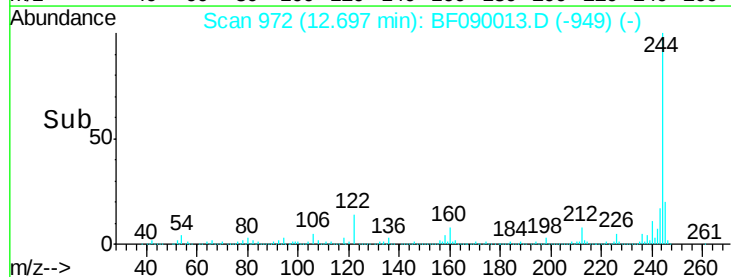
122 14.1 9.6 14.4

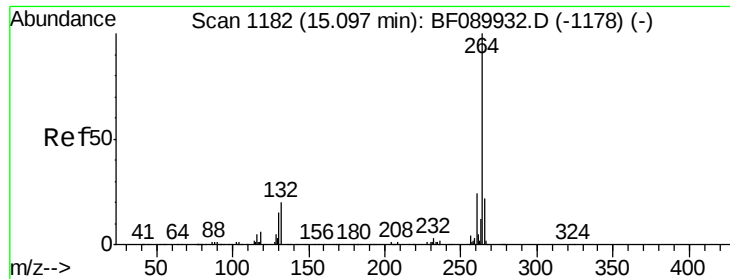


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



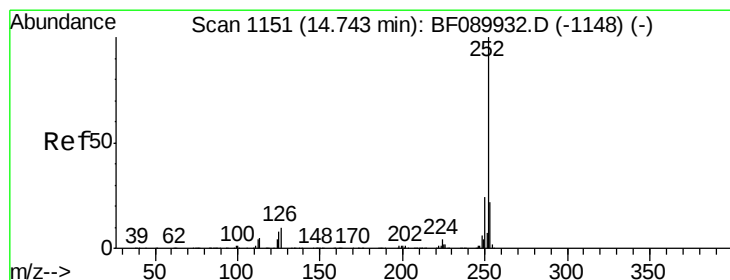
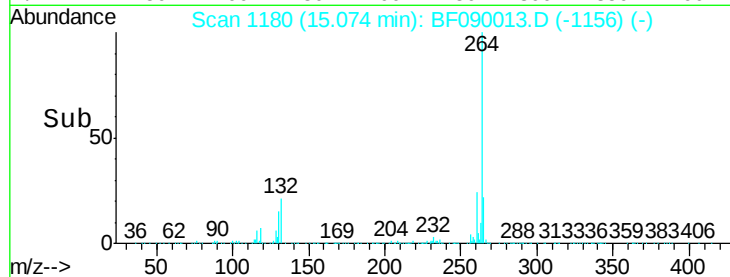
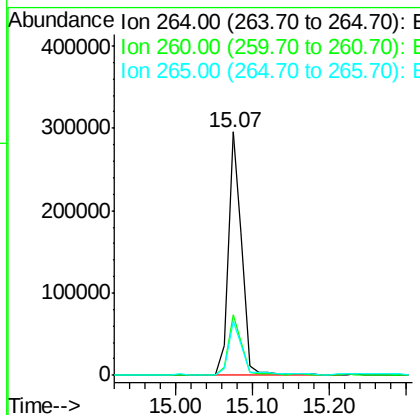
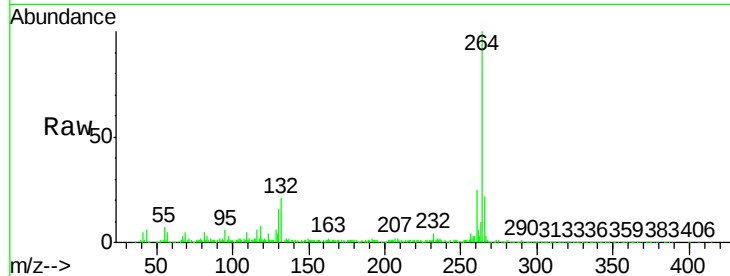


#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1180
Delta R.T. -0.02 min
Lab File: BF090013.D
Acq: 7 Sep 2016 19:08

Instrument :
BNA_F
ClientSampleId :
RAMP-A(0-2)-12

Tgt Ion: 264 Resp: 360376

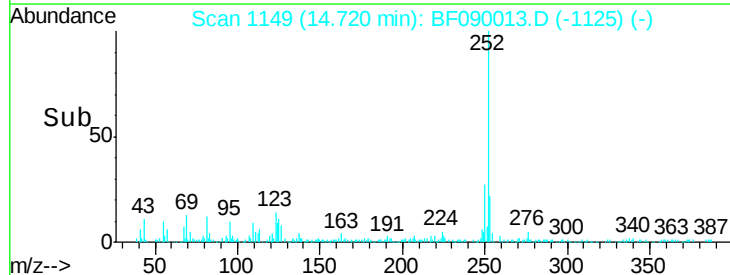
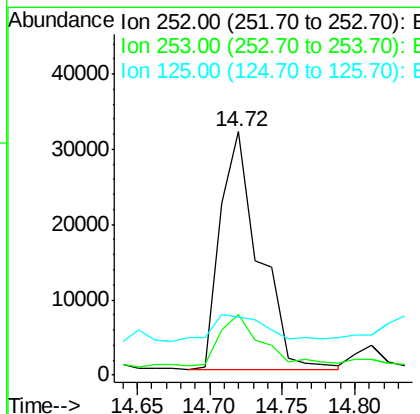
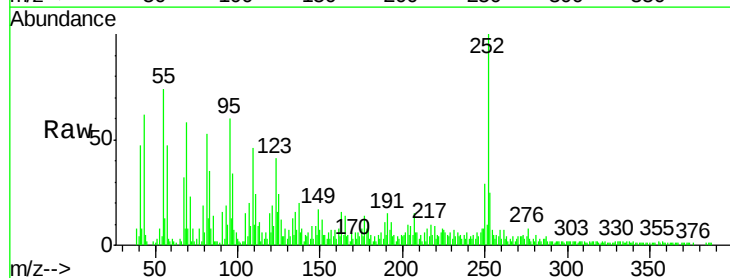
Ion	Ratio	Lower	Upper
264	100		
260	24.7	19.4	29.0
265	22.2	17.4	26.2

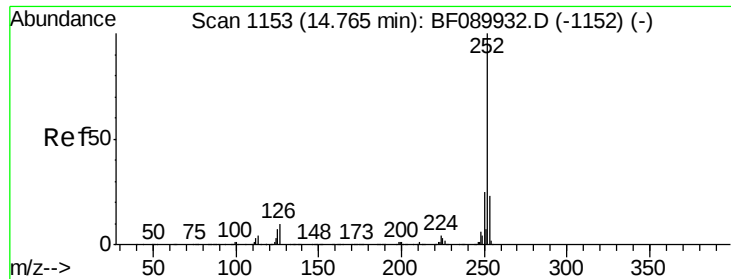


#87
Benzo(b)fluoranthene
Concen: 2.62 ng
RT: 14.72 min Scan# 1149
Delta R.T. -0.02 min
Lab File: BF090013.D
Acq: 7 Sep 2016 19:08

Tgt Ion: 252 Resp: 59120

Ion	Ratio	Lower	Upper
252	100		
253	25.1	18.0	27.0
125	23.9	5.7	8.5#





#88

Benzo(k)fluoranthene

Concen: 3.09 ng

RT: 14.72 min Scan# 1149

Delta R.T. -0.05 min

Lab File: BF090013.D

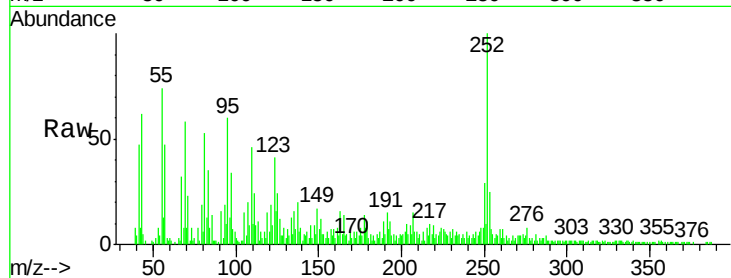
Acq: 7 Sep 2016 19:08

Instrument :

BNA_F

ClientSampleId :

RAMP-A(0-2)-12



Tgt Ion: 252 Resp: 59120

Ion Ratio Lower Upper

252 100

253 25.1 17.8 26.8

125 23.9 7.3 10.9

