

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086232.D
 Acq On : 15 Apr 2016 22:38
 Operator : UM/SJ
 Sample : H2402-08
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 BLIND-DUPLICATE-4-7-16

Quant Time: Apr 16 00:29:50 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF041516.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Apr 15 15:56:31 2016
 Response via : Initial Calibration

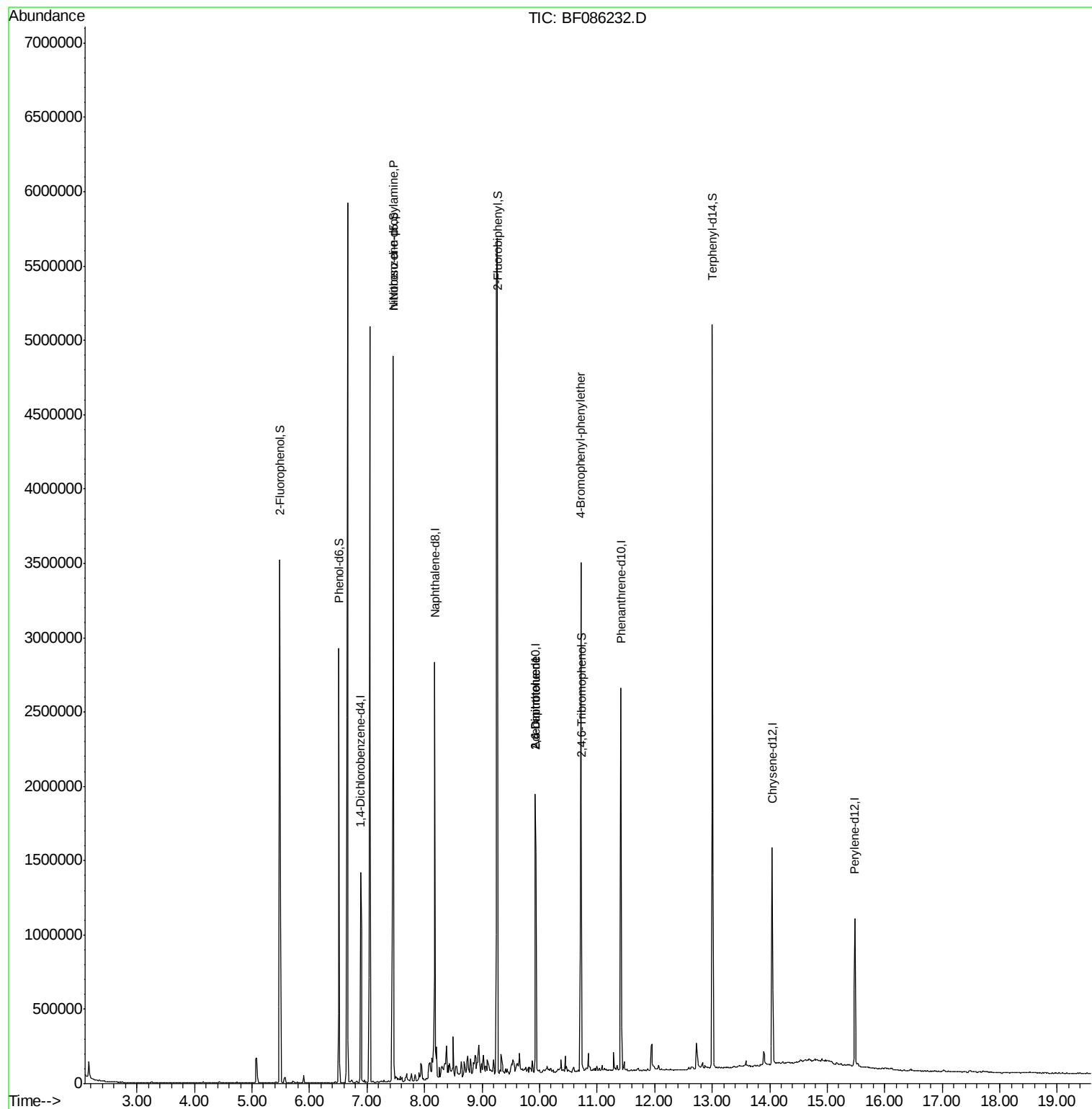
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	278546	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1162000	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	493505	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	850913	20.00	ng	0.00
75) Chrysene-d12	14.04	240	495411	20.00	ng	-0.01
86) Perylene-d12	15.48	264	436972	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1044299	61.43	ng	0.00
7) Phenol-d6	6.51	99	879497	41.36	ng	-0.01
23) Nitrobenzene-d5	7.46	82	1774632	88.09	ng	0.00
41) 2,4,6-Tribromophenol	10.73	330	517874	130.68	ng	0.00
44) 2-Fluorobiphenyl	9.26	172	2674467	100.00	ng	0.00
78) Terphenyl-d14	13.00	244	1713373	86.97	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.46	70	255589	18.78	ng	# 81
22) Acetophenone	7.30	105	3577	Below	Cal	# 97
50) 2,6-Dinitrotoluene	9.93	165	64062	8.07	ng	# 32
56) 2,4-Dinitrotoluene	9.93	165	64065	6.30	ng	# 31
57) Fluorene	10.48	166	1085	Below	Cal	# 79
66) 4-Bromophenyl-phenylether	10.72	248	30595	3.86	ng	# 1
71) Anthracene	11.48	178	3756	Below	Cal	# 56
74) Fluoranthene	12.62	202	3854	Below	Cal	# 78

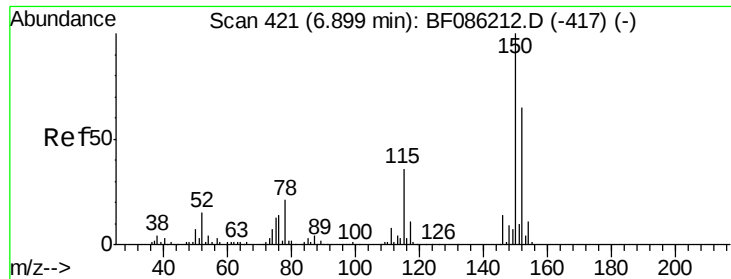
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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QLast Update : Fri Apr 15 15:56:31 2016
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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.89 min Scan# 420

Delta R.T. -0.01 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

Instrument :

BNA_F

ClientSampleId :

BLIND-DUPLICATE-4-7-16

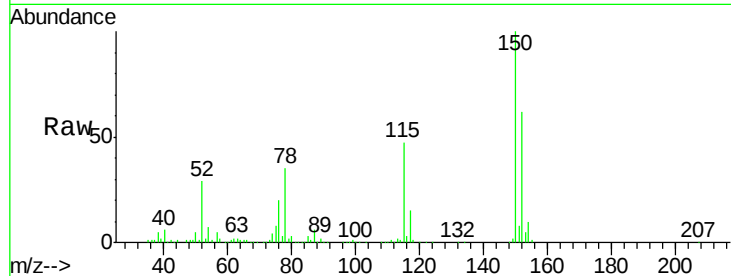
Tgt Ion:152 Resp: 278546

Ion Ratio Lower Upper

152 100

150 162.4 124.1 186.1

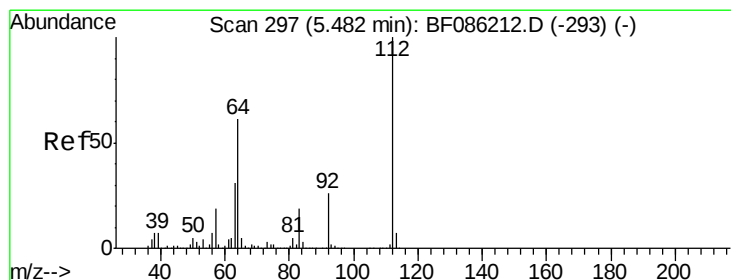
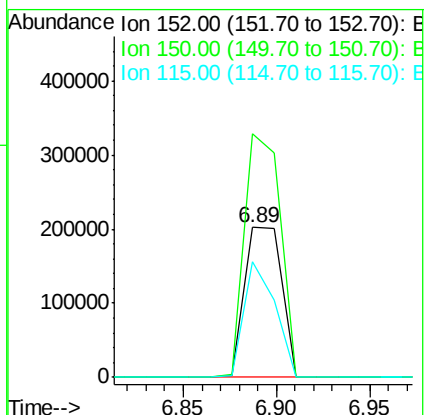
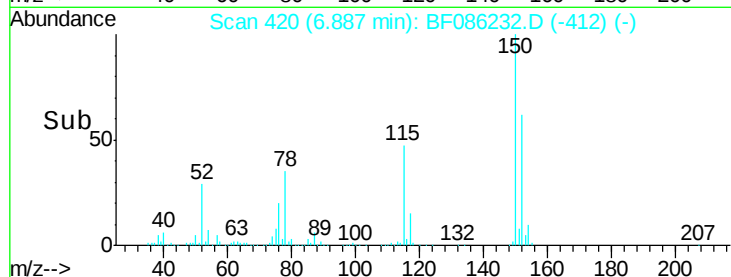
115 77.1 43.9 65.9#



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: 61.43 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

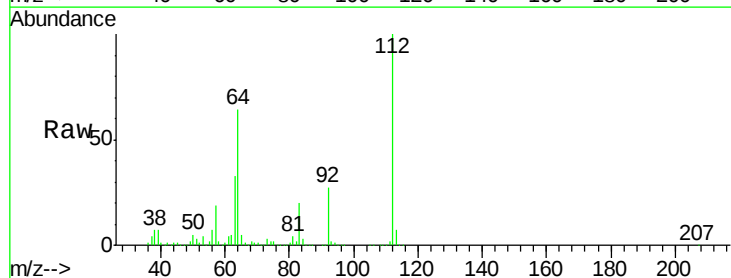
Tgt Ion:112 Resp: 1044299

Ion Ratio Lower Upper

112 100

64 64.4 48.1 72.1

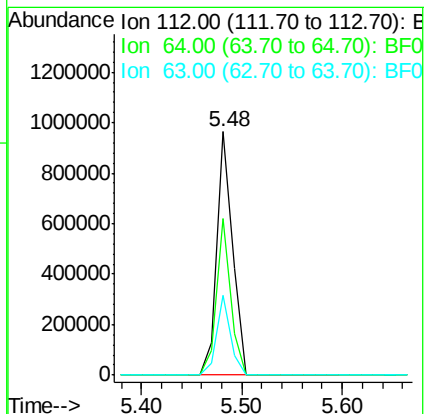
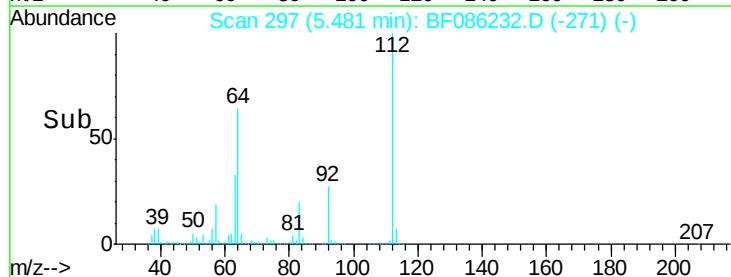
63 32.5 25.5 38.3

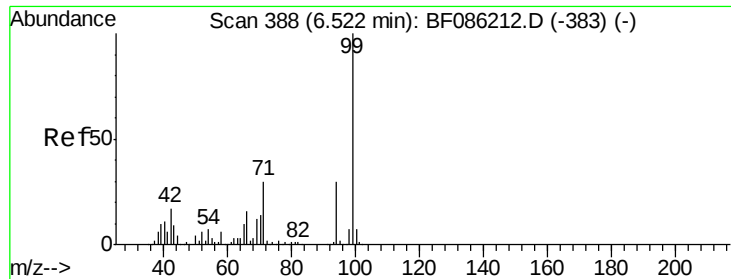


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 41.36 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

Instrument :

BNA_F

ClientSampleId :

BLIND-DUPLICATE-4-7-16

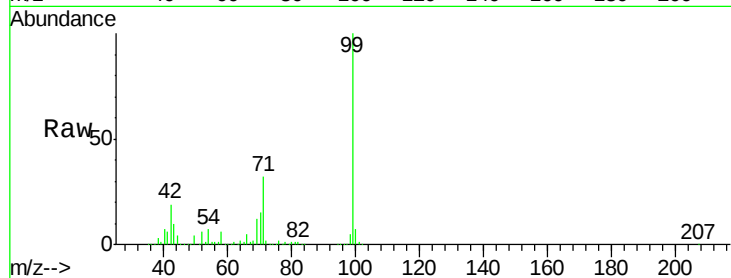
Tgt Ion: 99 Resp: 879497

Ion Ratio Lower Upper

99 100

42 18.7 15.4 23.2

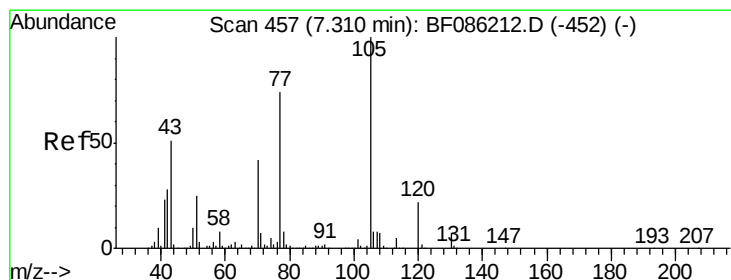
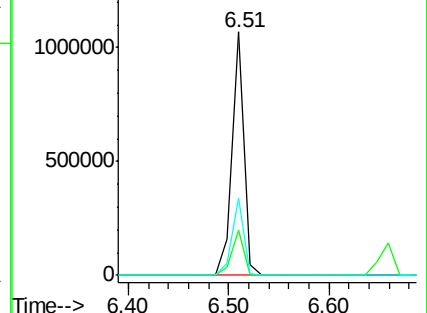
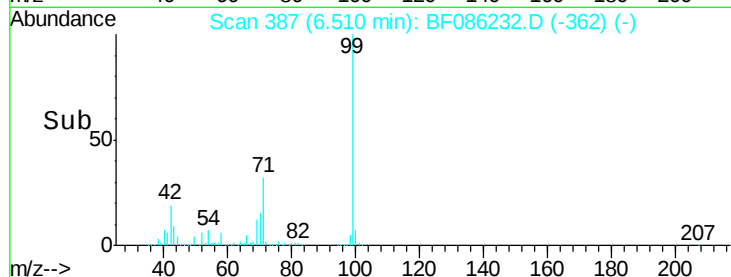
71 31.7 25.6 38.4



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: 18.78 ng

RT: 7.46 min Scan# 470

Delta R.T. 0.15 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

Tgt Ion: 70 Resp: 255589

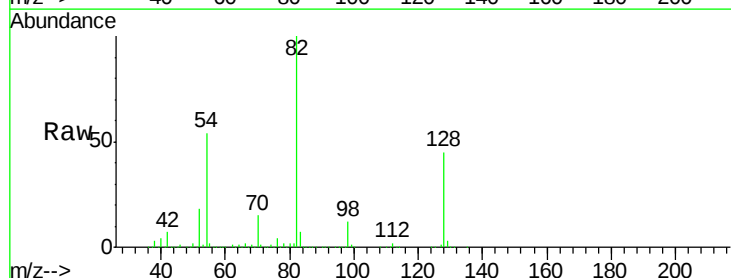
Ion Ratio Lower Upper

70 100

42 50.6 43.0 64.4

101 0.0 8.1 12.1#

130 2.3 20.1 30.1#

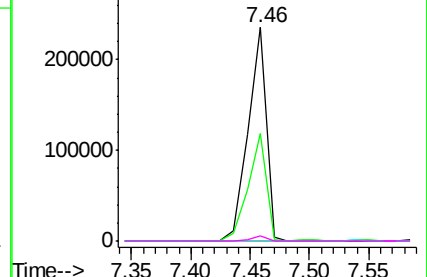
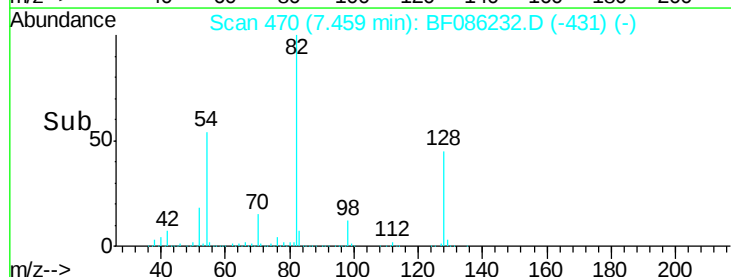


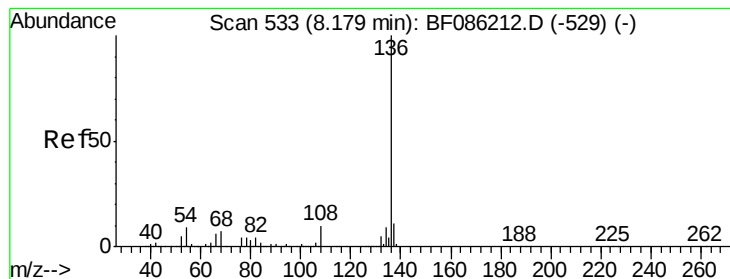
Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.18 min Scan# 533

Delta R.T. -0.00 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

Instrument :

BNA_F

ClientSampleId :

BLIND-DUPLICATE-4-7-16

Tgt Ion:136 Resp: 1162000

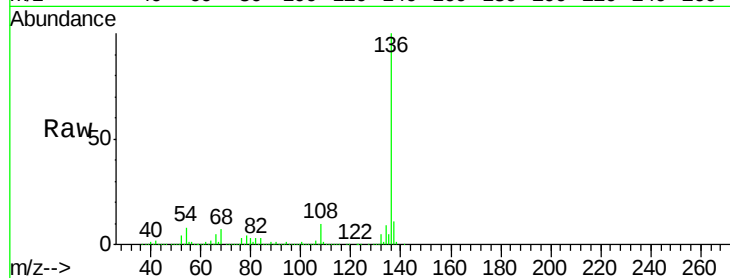
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 8.0 7.3 10.9

68 6.7 5.7 8.5

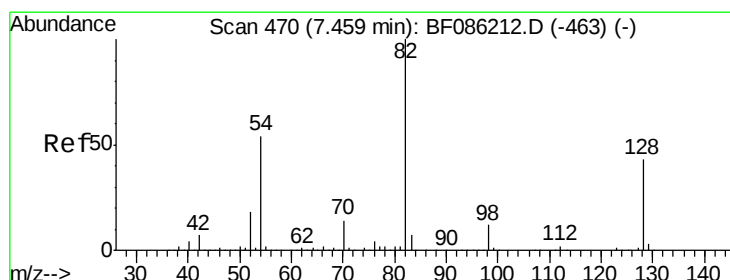
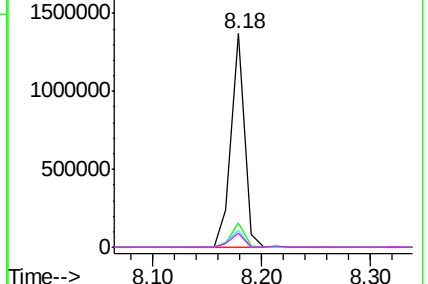
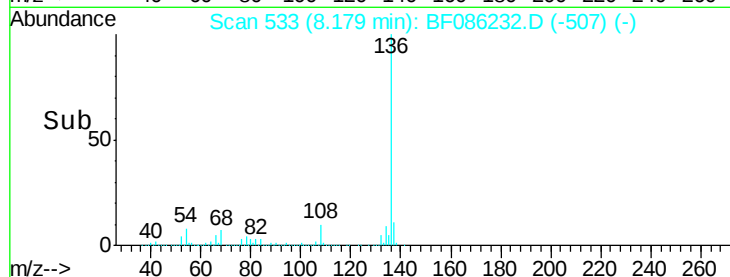


Abundance Ion 136.00 (135.70 to 136.70): E

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



#23

Nitrobenzene-d5

Concen: 88.09 ng

RT: 7.46 min Scan# 470

Delta R.T. -0.00 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

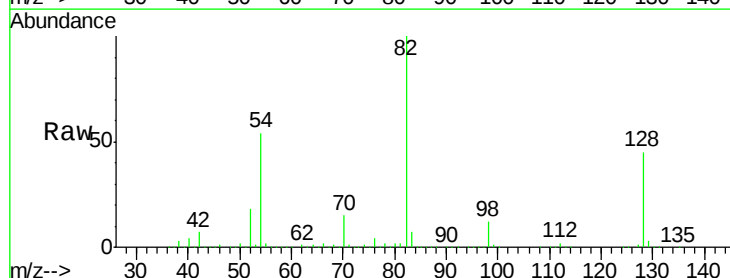
Tgt Ion: 82 Resp: 1774632

Ion Ratio Lower Upper

82 100

128 45.5 35.4 53.2

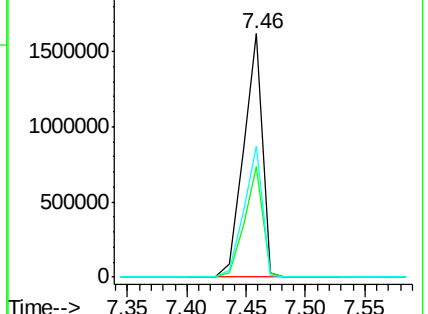
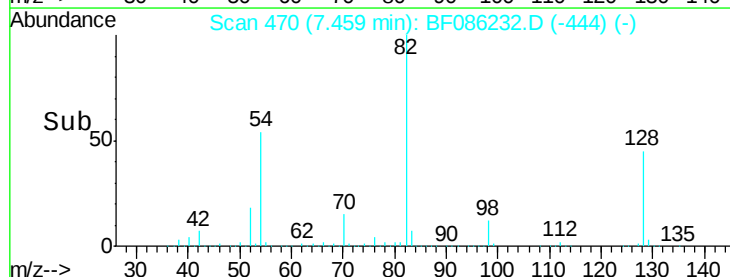
54 53.8 43.4 65.0

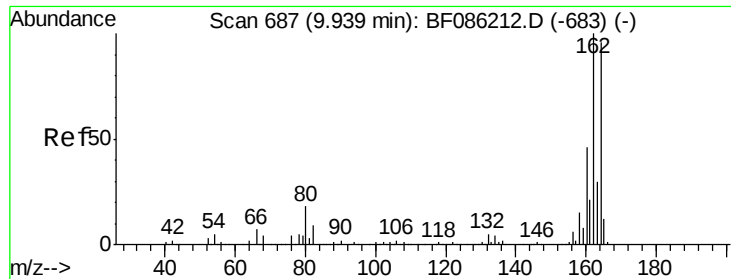


Abundance Ion 82.00 (81.70 to 82.70): BF0

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: 9.93 min Scan# 686

Delta R.T. -0.01 min

Lab File: BF086232.D

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ClientSampleId :

BLIND-DUPLICATE-4-7-16

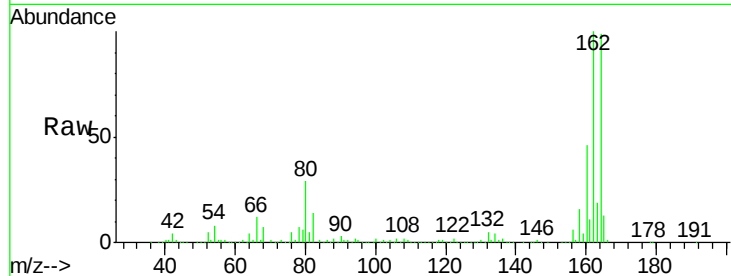
Tgt Ion:164 Resp: 493505

Ion Ratio Lower Upper

164 100

162 100.5 82.8 124.2

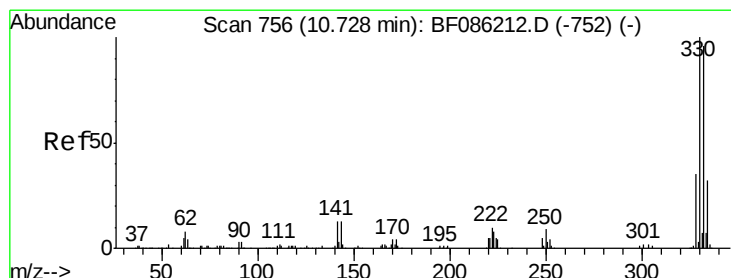
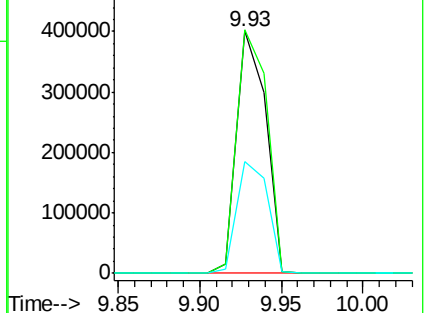
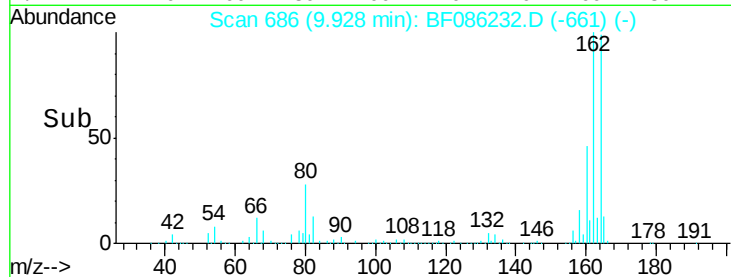
160 46.0 38.9 58.3



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: 130.68 ng

RT: 10.73 min Scan# 756

Delta R.T. -0.00 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

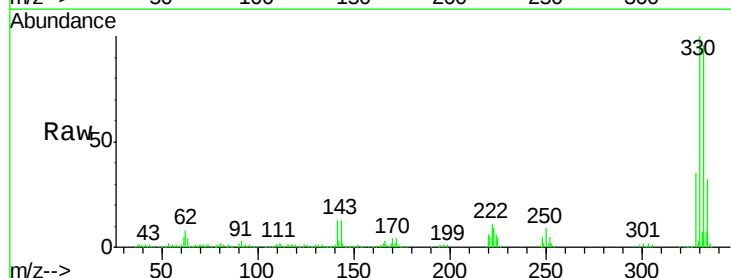
Tgt Ion:330 Resp: 517874

Ion Ratio Lower Upper

330 100

332 96.0 78.7 118.1

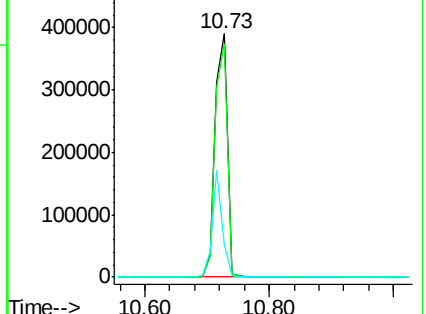
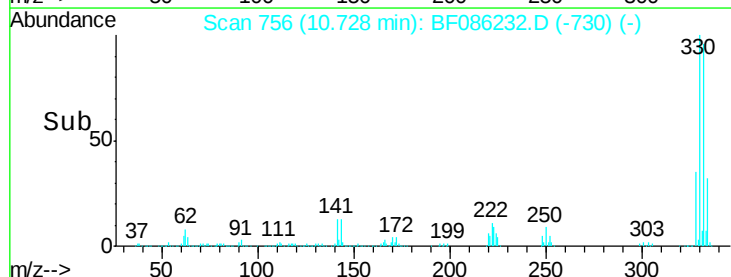
141 36.6 28.6 42.8

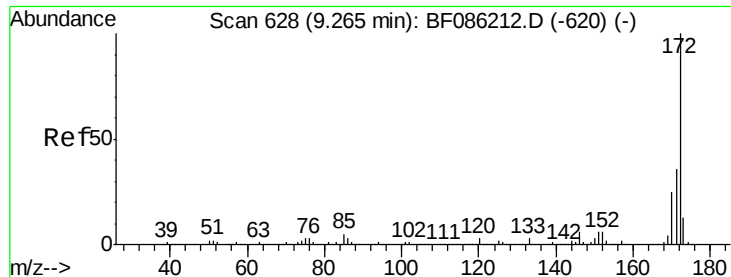


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

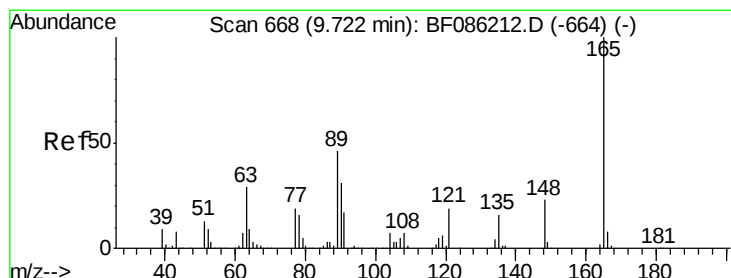
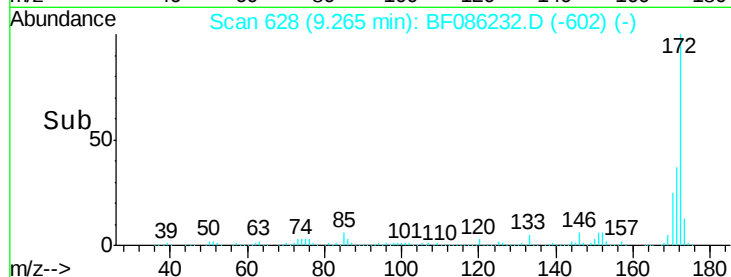
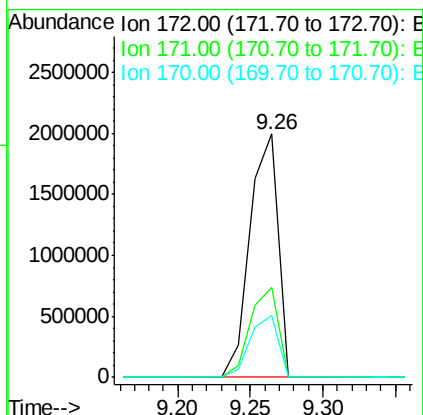
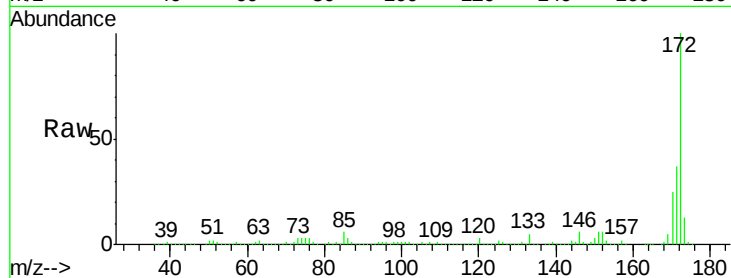




#44
 2-Fluorobiphenyl
 Concen: 100.00 ng
 RT: 9.26 min Scan# 628
 Delta R.T. 0.00 min
 Lab File: BF086232.D
 Acq: 15 Apr 2016 22:38

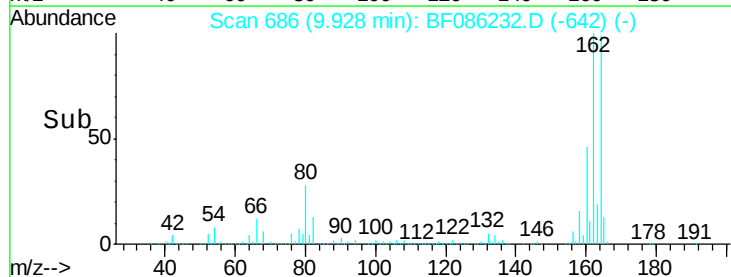
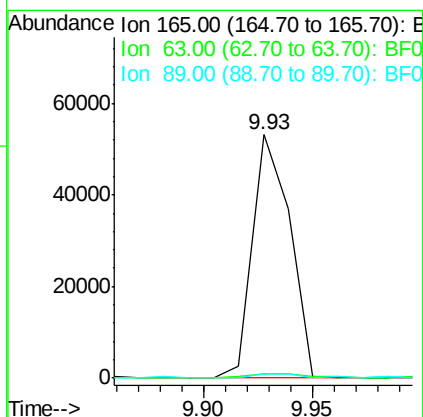
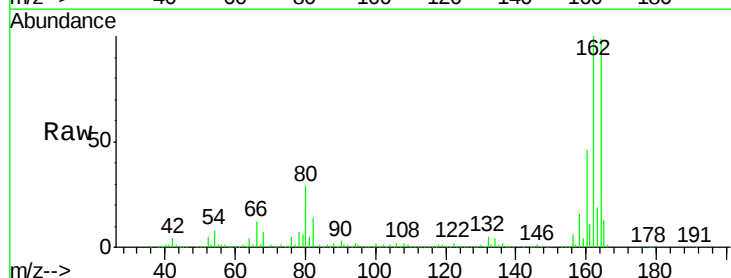
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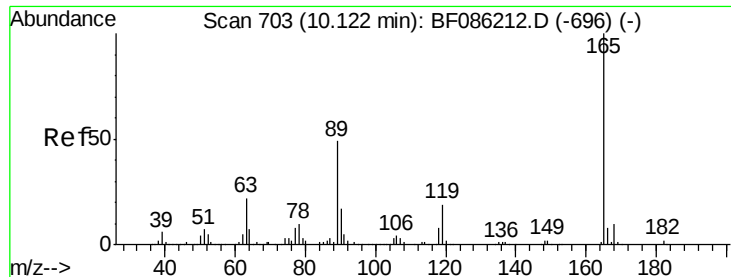
Tgt Ion:172 Resp: 2674467
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.1 43.7
 170 25.2 19.9 29.9



#50
 2,6-Dinitrotoluene
 Concen: 8.07 ng
 RT: 9.93 min Scan# 686
 Delta R.T. 0.21 min
 Lab File: BF086232.D
 Acq: 15 Apr 2016 22:38

Tgt Ion:165 Resp: 64062
 Ion Ratio Lower Upper
 165 100
 63 1.7 35.1 52.7#
 89 1.8 39.8 59.6#

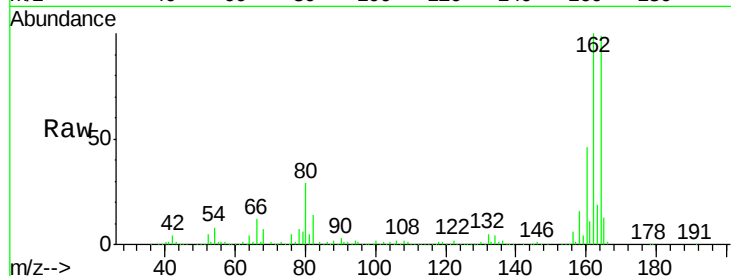




#56
2,4-Dinitrotoluene
Concen: 6.30 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.19 min
Lab File: BF086232.D
Acq: 15 Apr 2016 22:38

Instrument :
BNA_F
ClientSampleId :
BLIND-DUPLICATE-4-7-16

Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.7	26.6	40.0#
89	1.8	49.5	74.3#
182	0.0	1.9	2.9#



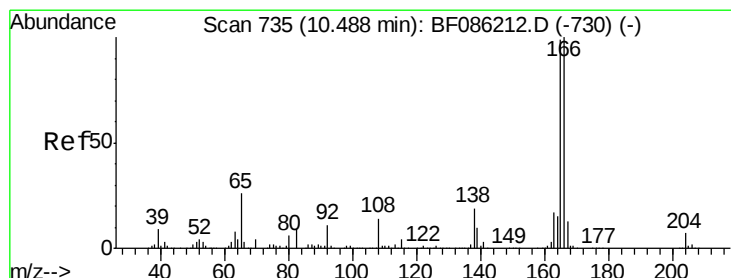
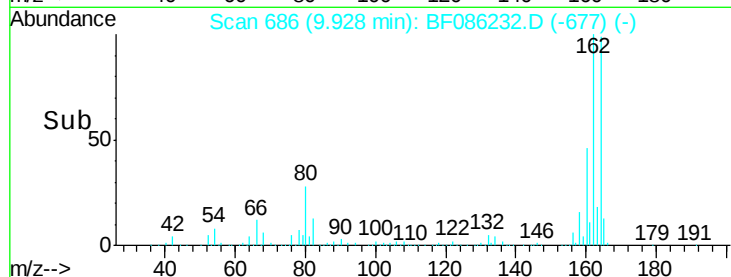
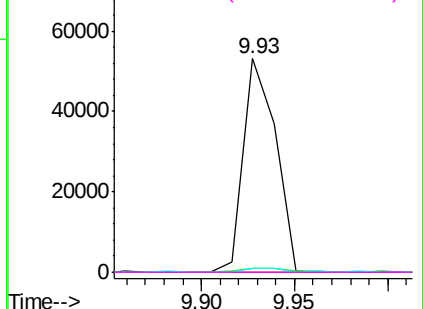
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

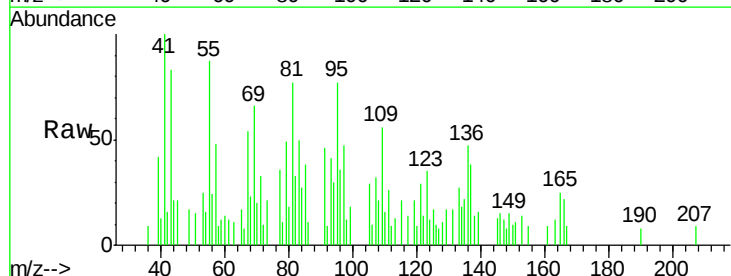
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#57
Fluorene
Concen: Below Cal
RT: 10.48 min Scan# 734
Delta R.T. -0.01 min
Lab File: BF086232.D
Acq: 15 Apr 2016 22:38

Tgt Ion	Ratio	Lower	Upper
166	100		
165	113.1	78.6	117.8
167	40.6	10.4	15.6#

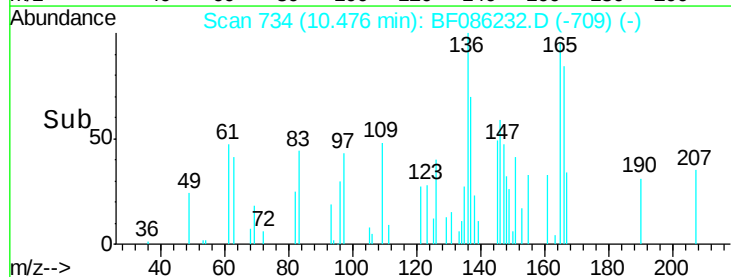
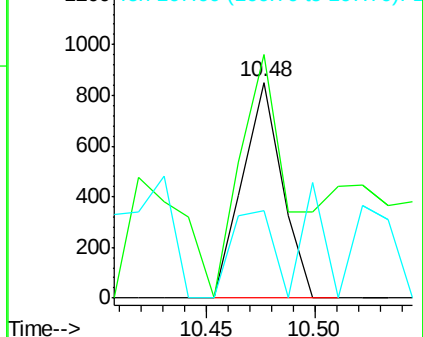


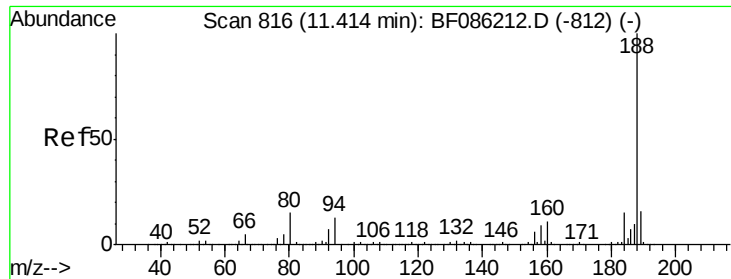
Abundance

Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 11.41 min Scan# 816

Delta R.T. -0.00 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

Instrument :

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BLIND-DUPLICATE-4-7-16

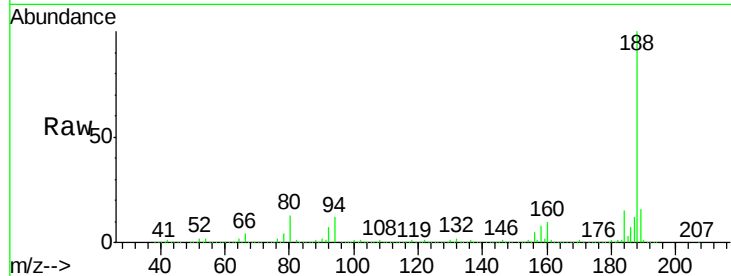
Tgt Ion:188 Resp: 850913

Ion Ratio Lower Upper

188 100

94 11.7 9.8 14.8

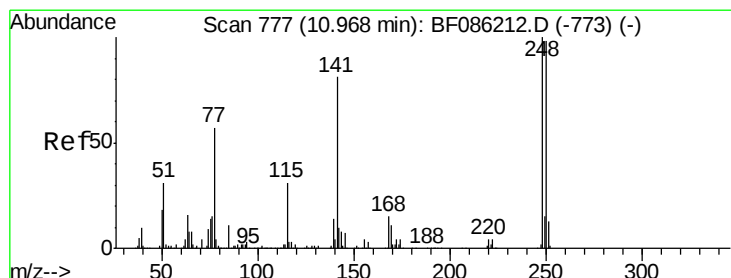
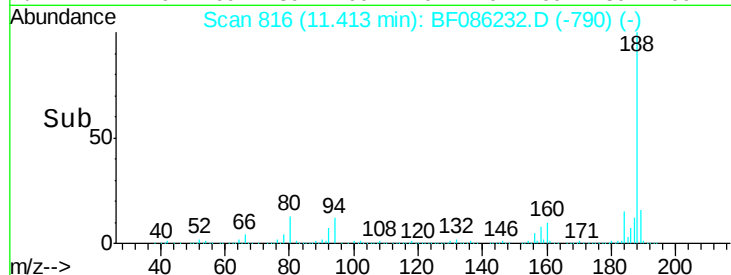
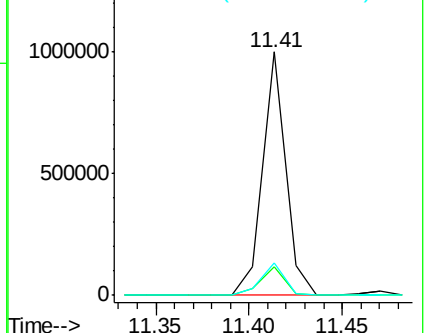
80 13.2 10.5 15.7



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: 3.86 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.25 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

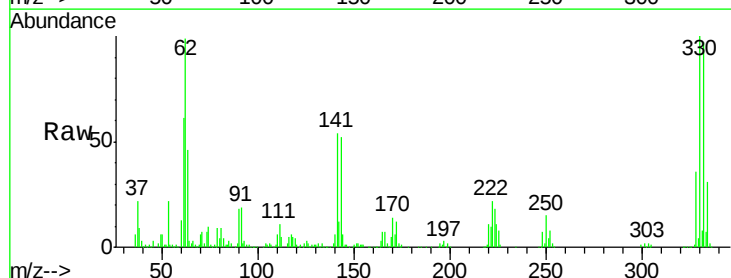
Tgt Ion:248 Resp: 30595

Ion Ratio Lower Upper

248 100

250 201.8 78.6 118.0#

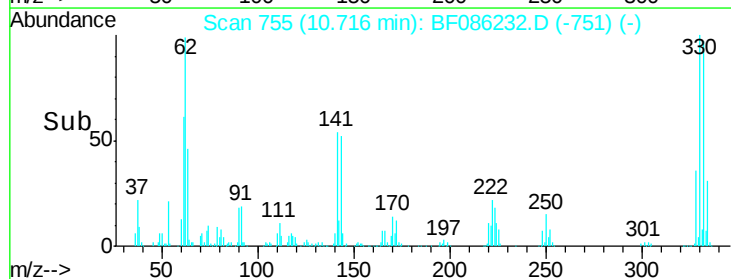
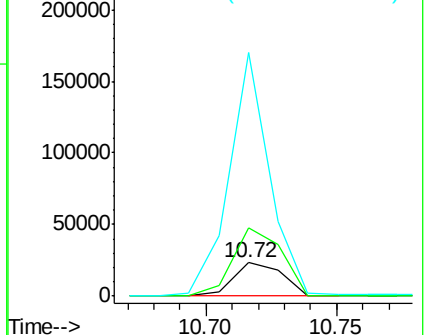
141 723.7 57.9 86.9#

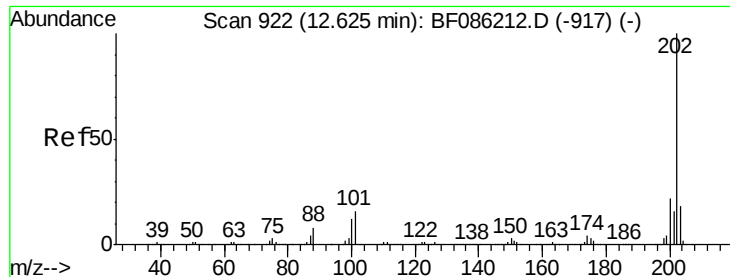


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

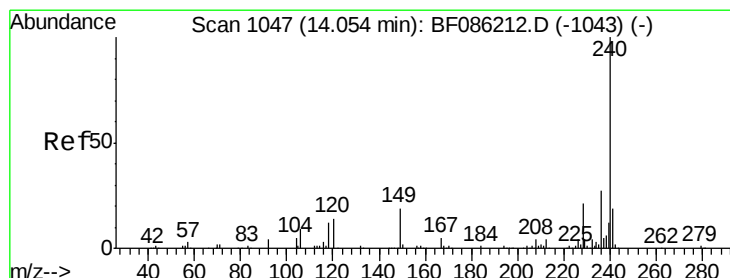
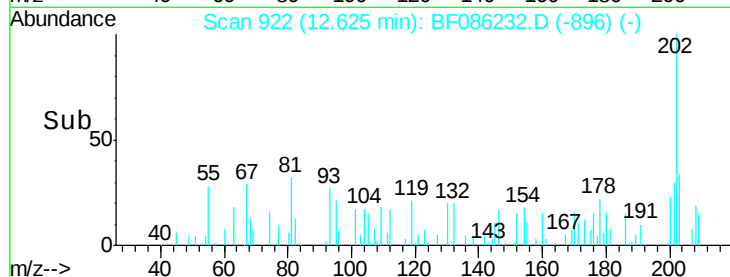
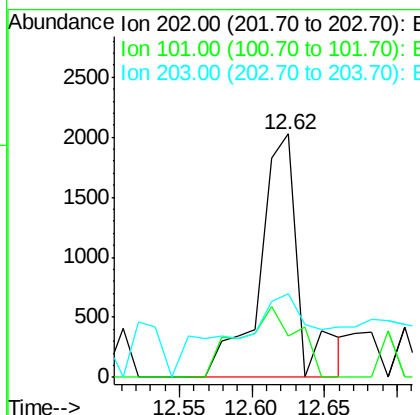
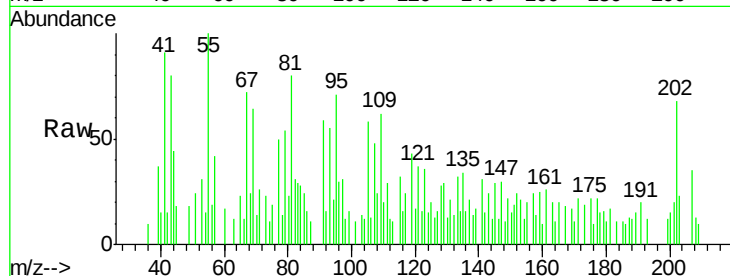




#74
Fluoranthene
Concen: Below Cal
RT: 12.62 min Scan# 922
Delta R.T. -0.00 min
Lab File: BF086232.D
Acq: 15 Apr 2016 22:38

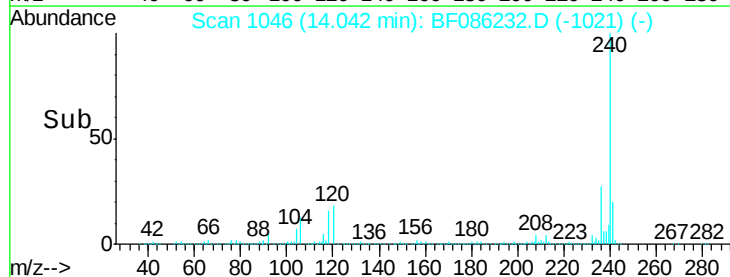
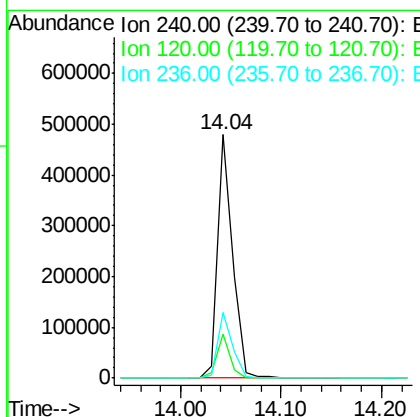
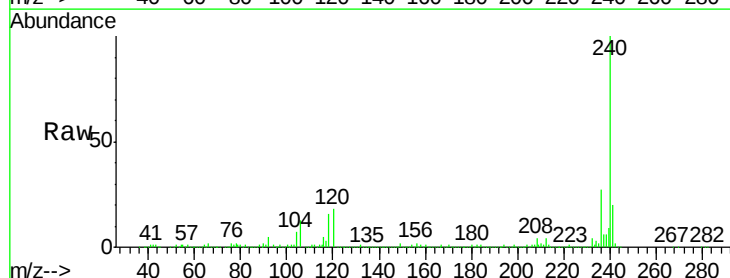
Instrument :
BNA_F
ClientSampleId :
BLIND-DUPLICATE-4-7-16

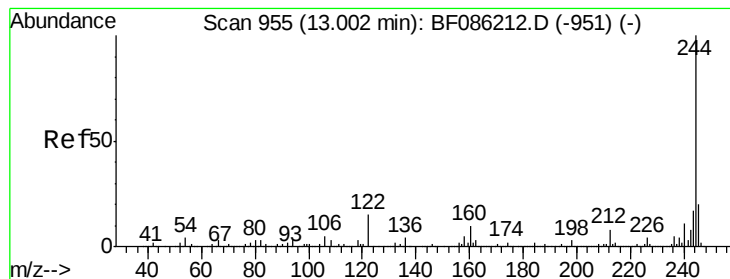
Tgt Ion: 202 Resp: 3854
Ion Ratio Lower Upper
202 100
101 16.9 0.0 35.2
203 34.5 0.0 38.2



#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.04 min Scan# 1046
Delta R.T. -0.01 min
Lab File: BF086232.D
Acq: 15 Apr 2016 22:38

Tgt Ion: 240 Resp: 495411
Ion Ratio Lower Upper
240 100
120 17.9 9.3 13.9#
236 26.9 21.1 31.7





#78

Terphenyl-d14

Concen: 86.97 ng

RT: 13.00 min Scan# 955

Delta R.T. 0.00 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

Instrument :

BNA_F

ClientSampleId :

BLIND-DUPLICATE-4-7-16

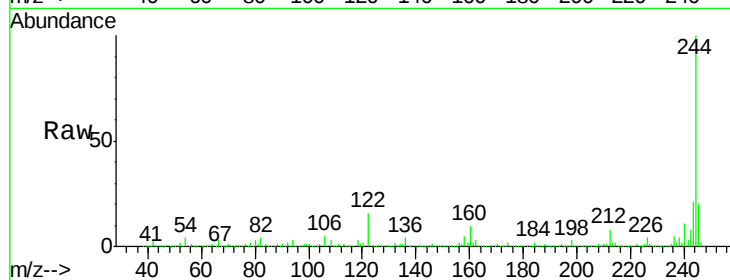
Tgt Ion:244 Resp: 1713373

Ion Ratio Lower Upper

244 100

212 7.9 6.4 9.6

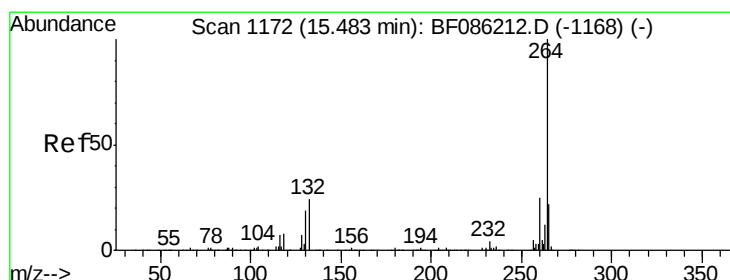
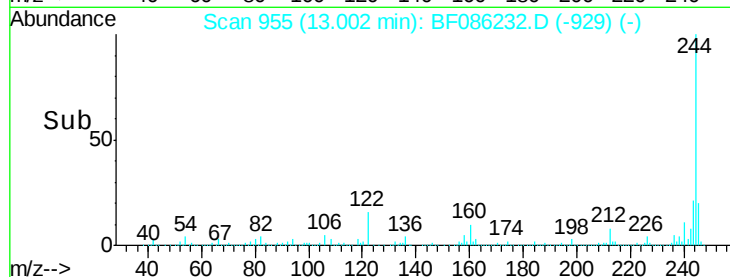
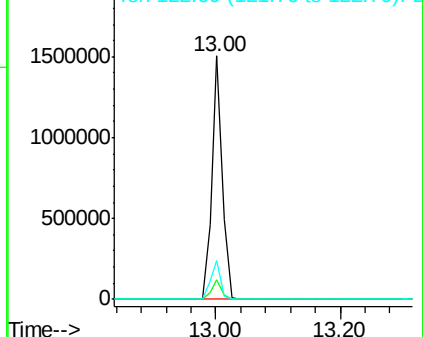
122 16.2 11.7 17.5



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: 15.48 min Scan# 1172

Delta R.T. -0.00 min

Lab File: BF086232.D

Acq: 15 Apr 2016 22:38

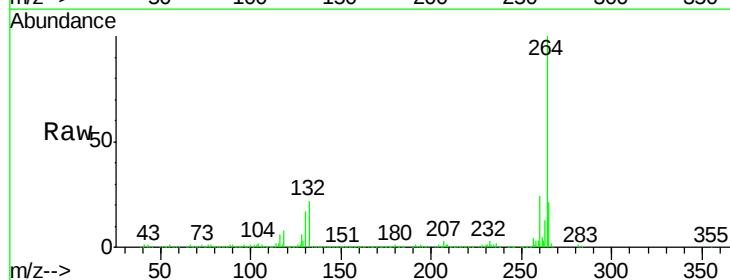
Tgt Ion:264 Resp: 436972

Ion Ratio Lower Upper

264 100

260 24.2 20.0 30.0

265 21.1 17.4 26.0



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

