

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF041516\
 Data File : BF086222.D
 Acq On : 15 Apr 2016 17:53
 Operator : UM/SJ
 Sample : H2495-01
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-360-372

Quant Time: Apr 16 00:26:00 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

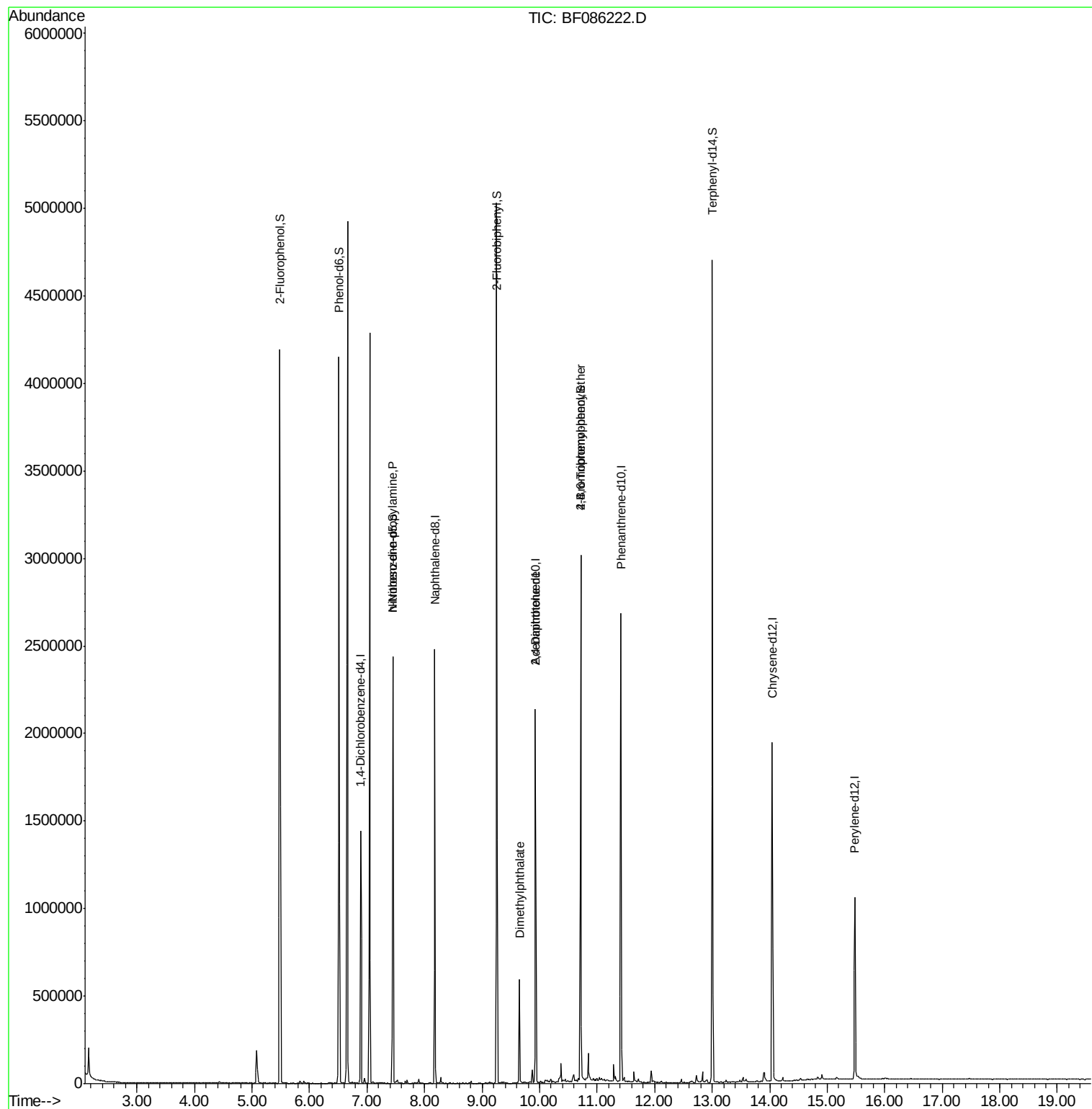
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.89	152	255311	20.00	ng	-0.01
21) Naphthalene-d8	8.18	136	1090449	20.00	ng	0.00
38) Acenaphthene-d10	9.93	164	470233	20.00	ng	-0.01
63) Phenanthrene-d10	11.41	188	875879	20.00	ng	0.00
75) Chrysene-d12	14.04	240	655355	20.00	ng	-0.01
86) Perylene-d12	15.48	264	476409	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.48	112	1378994	88.50	ng	0.00
7) Phenol-d6	6.51	99	1639651	84.12	ng	-0.01
23) Nitrobenzene-d5	7.45	82	1196313	63.28	ng	-0.01
41) 2,4,6-Tribromophenol	10.72	330	313274	82.97	ng	-0.01
44) 2-Fluorobiphenyl	9.25	172	1629798	63.96	ng	-0.01
78) Terphenyl-d14	13.00	244	1436315	55.11	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	157304	12.61	ng	# 79
22) Acetophenone	7.30	105	319	Below	Cal	# 53
49) Dimethylphthalate	9.65	163	378691	11.08	ng	98
56) 2,4-Dinitrotoluene	9.93	165	60271	6.22	ng	# 31
57) Fluorene	10.72	166	17825	Below	Cal	# 85
66) 4-Bromophenyl-phenylether	10.72	248	20578	2.52	ng	# 1
71) Anthracene	11.44	178	2946	Below	Cal	96
74) Fluoranthene	12.61	202	2537	Below	Cal	96

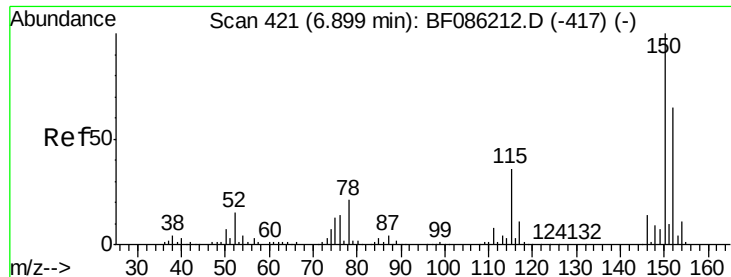
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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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: BF086222.D

Acq: 15 Apr 2016 17:53

Instrument :

BNA_F

ClientSampleId :

DRUM-360-372

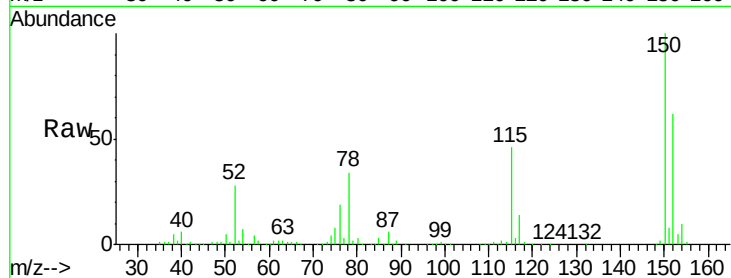
Tgt Ion:152 Resp: 255311

Ion Ratio Lower Upper

152 100

150 161.9 124.1 186.1

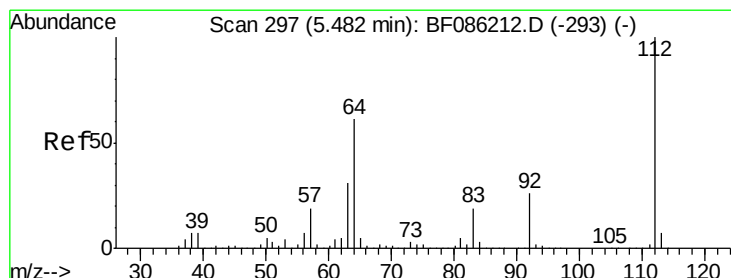
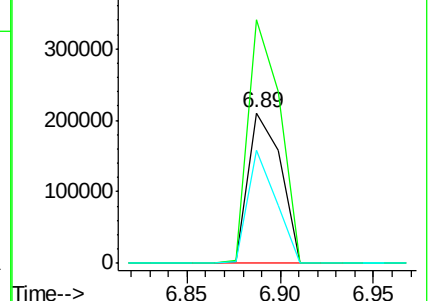
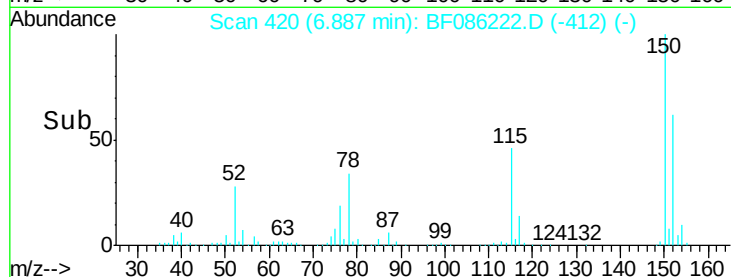
115 75.2 43.9 65.9#



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: 88.50 ng

RT: 5.48 min Scan# 297

Delta R.T. 0.00 min

Lab File: BF086222.D

Acq: 15 Apr 2016 17:53

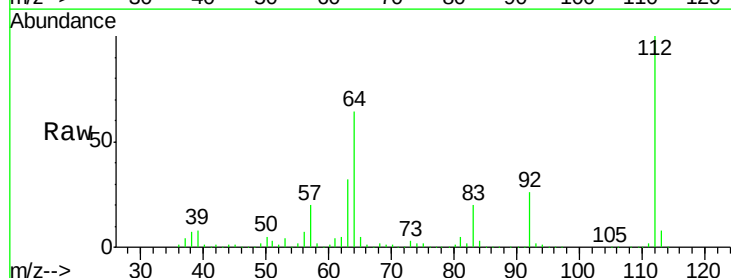
Tgt Ion:112 Resp: 1378994

Ion Ratio Lower Upper

112 100

64 63.9 48.1 72.1

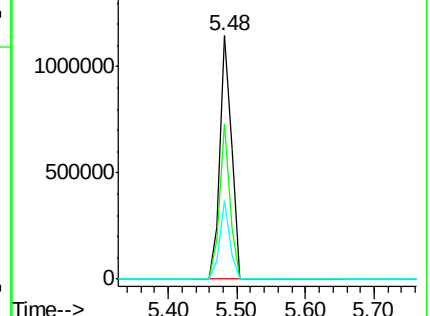
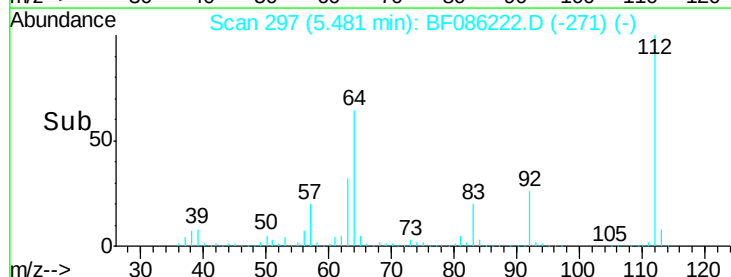
63 32.3 25.5 38.3

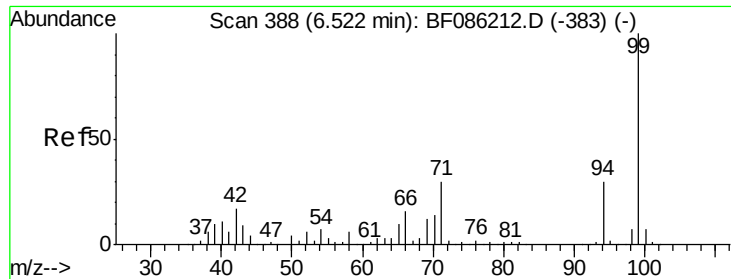


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 84.12 ng

RT: 6.51 min Scan# 387

Delta R.T. -0.01 min

Lab File: BF086222.D

Acq: 15 Apr 2016 17:53

Instrument :

BNA_F

ClientSampleId :

DRUM-360-372

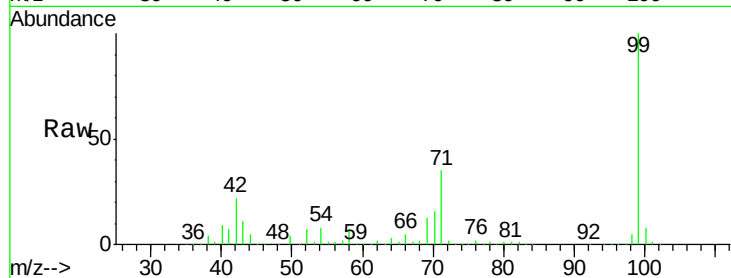
Tgt Ion: 99 Resp: 1639651

Ion Ratio Lower Upper

99 100

42 21.6 15.4 23.2

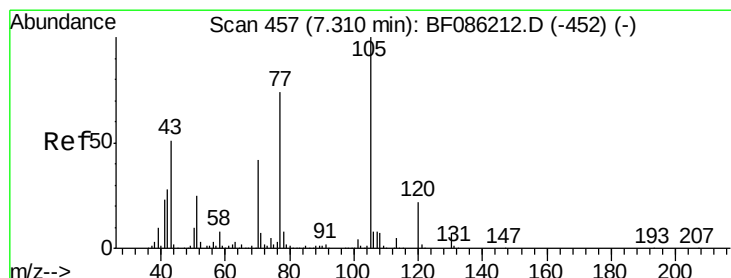
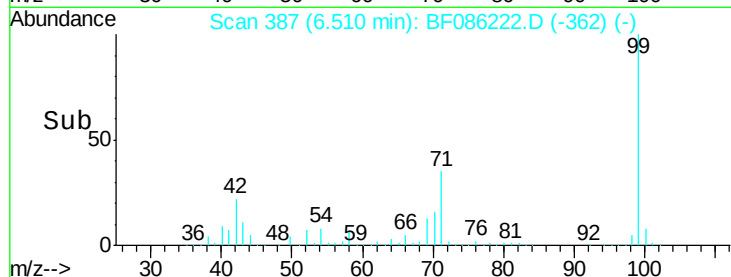
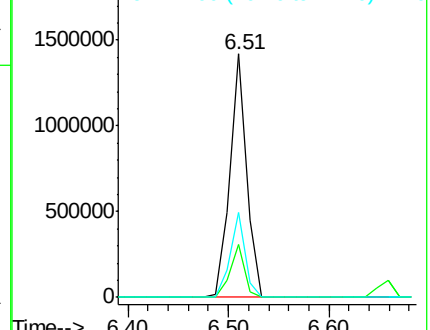
71 34.8 25.6 38.4



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: 12.61 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.14 min

Lab File: BF086222.D

Acq: 15 Apr 2016 17:53

Tgt Ion: 70 Resp: 157304

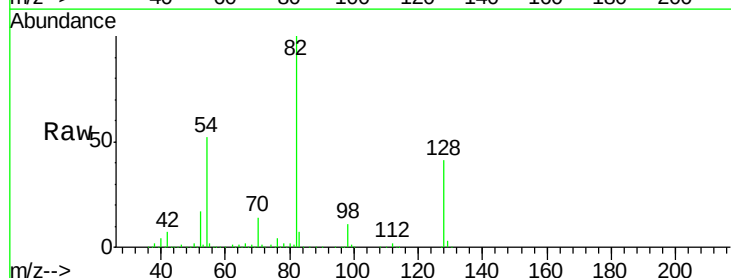
Ion Ratio Lower Upper

70 100

42 47.5 43.0 64.4

101 0.0 8.1 12.1#

130 2.1 20.1 30.1#

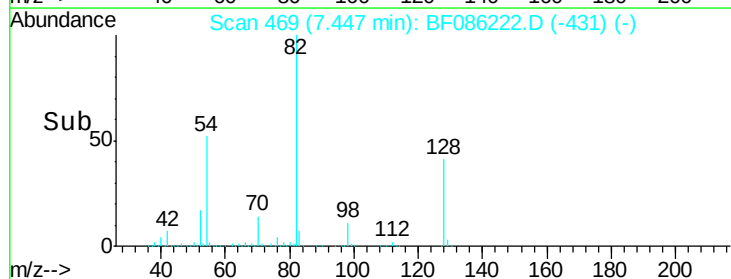
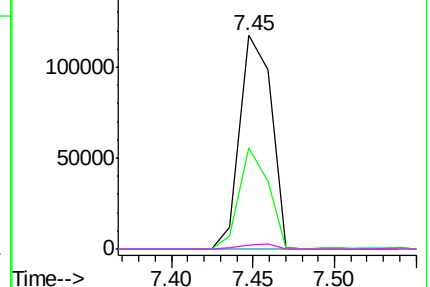


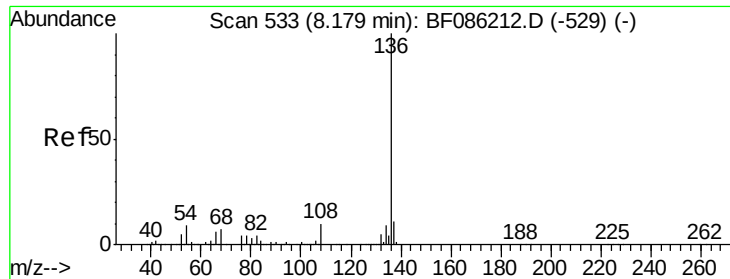
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

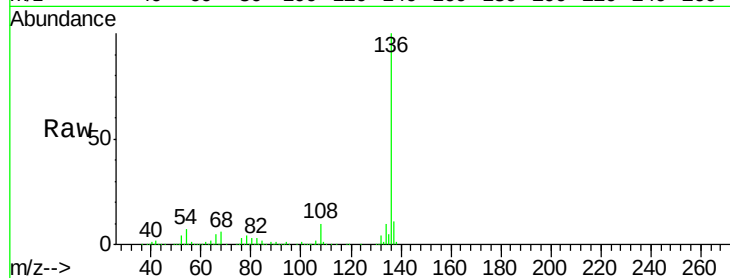




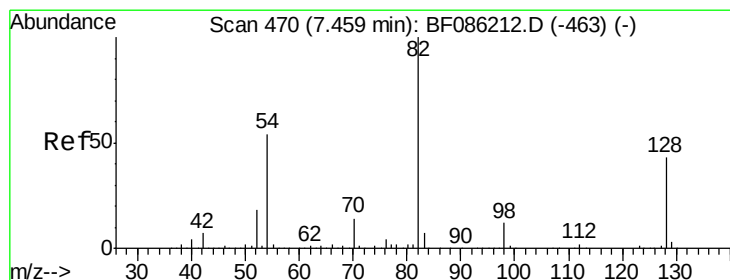
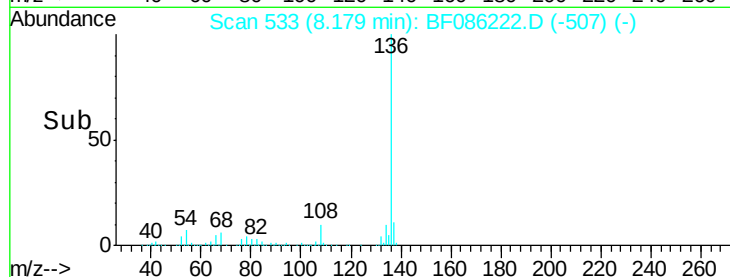
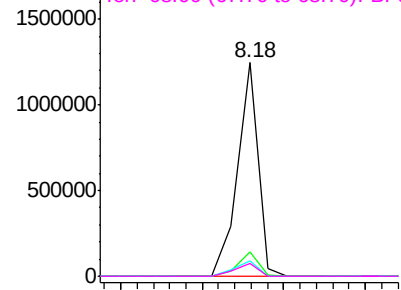
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.18 min Scan# 533
Delta R.T. -0.00 min
Lab File: BF086222.D
Acq: 15 Apr 2016 17:53

Instrument :
BNA_F
ClientSampleId :
DRUM-360-372

Tgt Ion:	136	Resp:	1090449
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.1	13.7
54	7.5	7.3	10.9
68	6.1	5.7	8.5

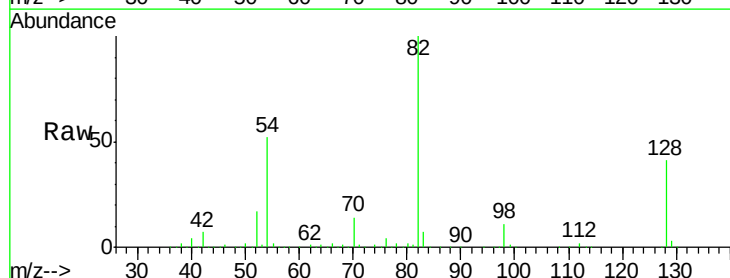


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

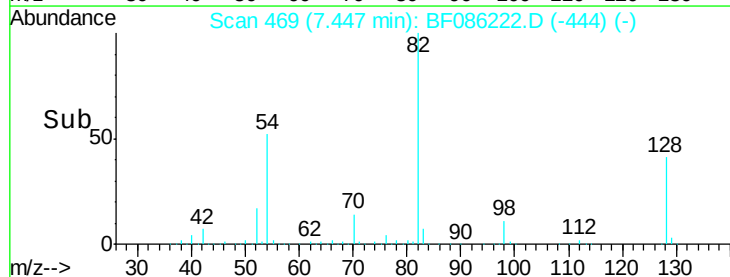
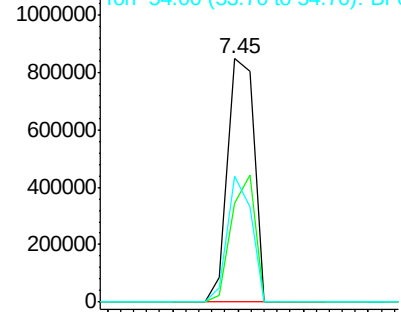


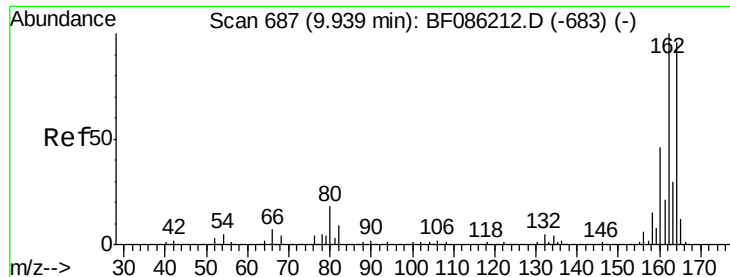
#23
Nitrobenzene-d5
Concen: 63.28 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF086222.D
Acq: 15 Apr 2016 17:53

Tgt Ion:	82	Resp:	1196313
Ion	Ratio	Lower	Upper
82	100		
128	40.7	35.4	53.2
54	51.6	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: BF086222.D

Acq: 15 Apr 2016 17:53

Instrument :

BNA_F

ClientSampleId :

DRUM-360-372

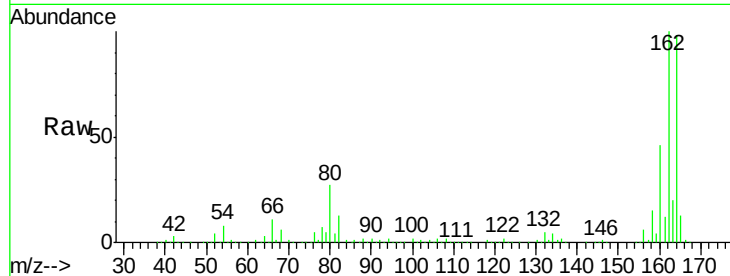
Tgt Ion:164 Resp: 470233

Ion Ratio Lower Upper

164 100

162 102.1 82.8 124.2

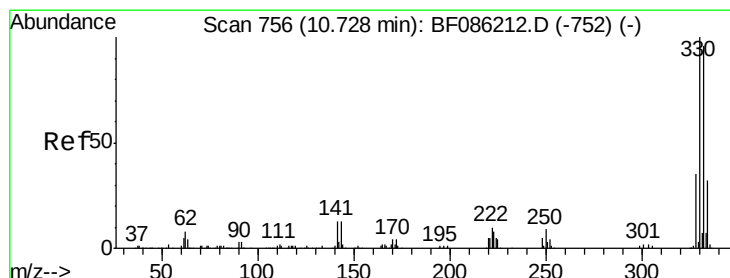
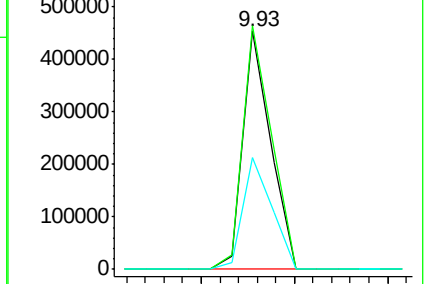
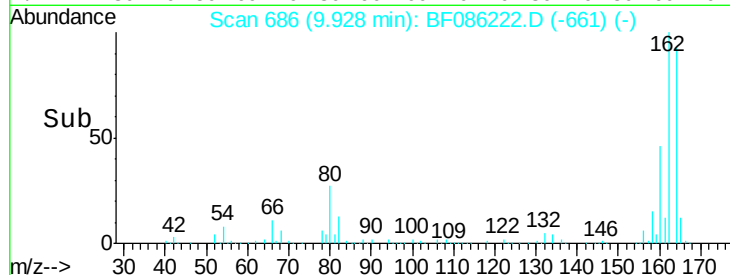
160 46.8 38.9 58.3



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: 82.97 ng

RT: 10.72 min Scan# 755

Delta R.T. -0.01 min

Lab File: BF086222.D

Acq: 15 Apr 2016 17:53

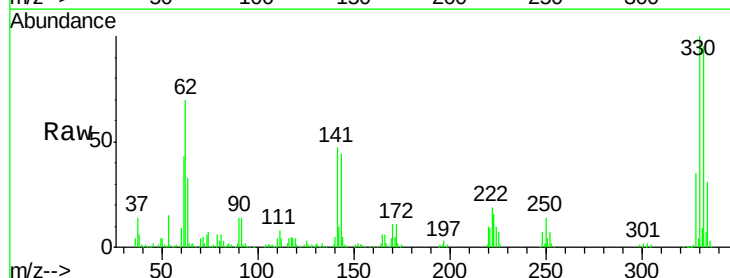
Tgt Ion:330 Resp: 313274

Ion Ratio Lower Upper

330 100

332 95.5 78.7 118.1

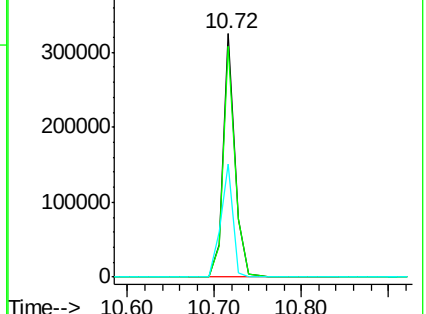
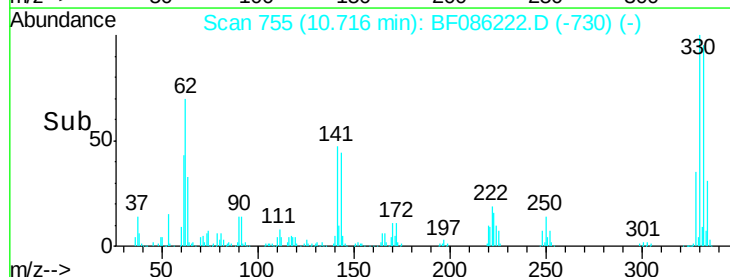
141 48.6 28.6 42.8#

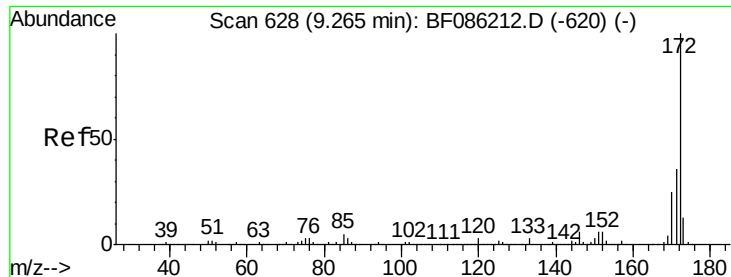


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

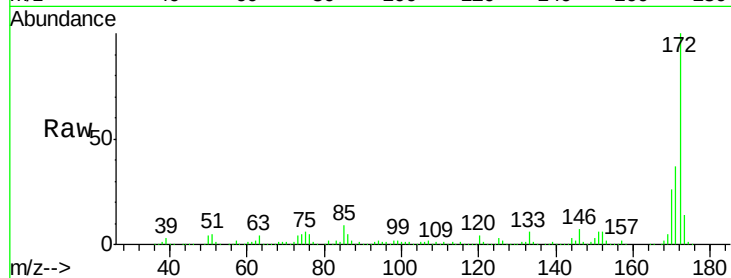




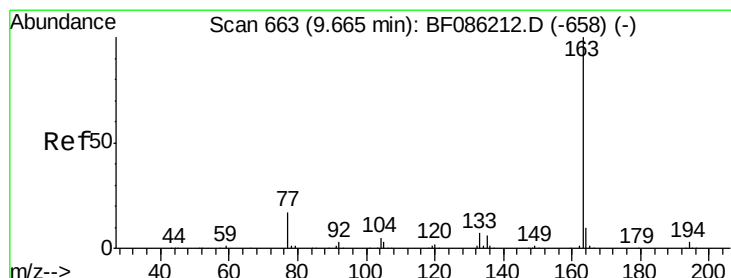
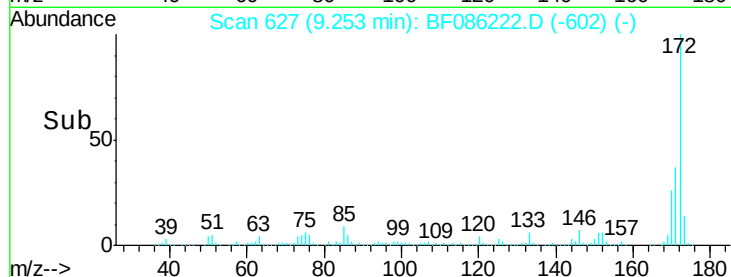
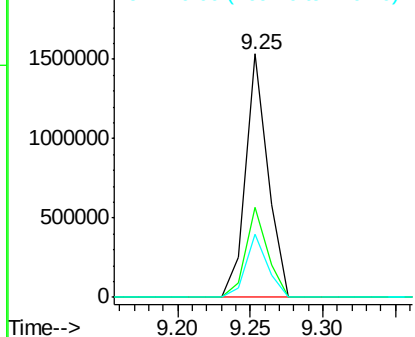
#44
 2-Fluorobiphenyl
 Concen: 63.96 ng
 RT: 9.25 min Scan# 627
 Delta R.T. -0.01 min
 Lab File: BF086222.D
 Acq: 15 Apr 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-360-372

Tgt Ion:172 Resp: 1629798
 Ion Ratio Lower Upper
 172 100
 171 36.9 29.1 43.7
 170 25.8 19.9 29.9

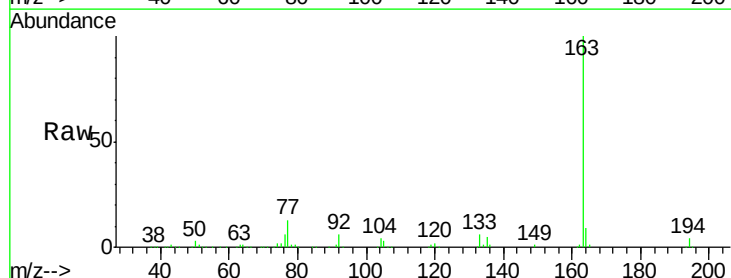


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

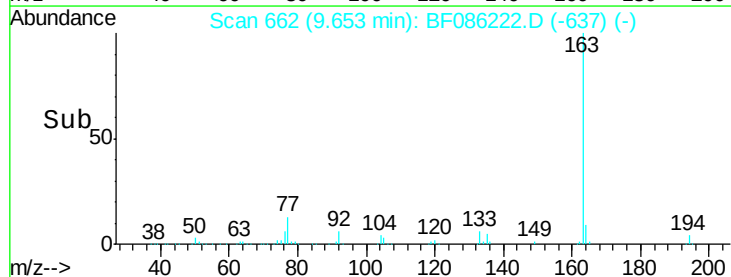
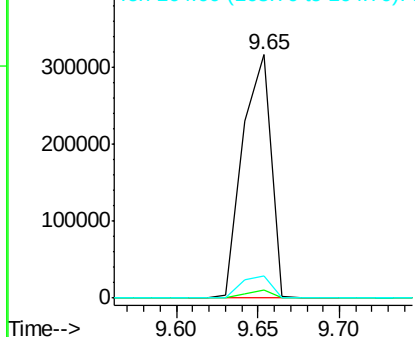


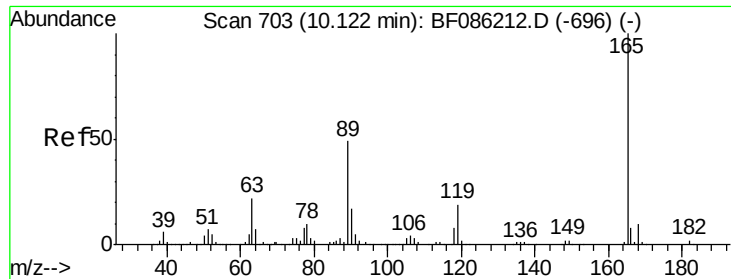
#49
 Dimethylphthalate
 Concen: 11.08 ng
 RT: 9.65 min Scan# 662
 Delta R.T. -0.01 min
 Lab File: BF086222.D
 Acq: 15 Apr 2016 17:53

Tgt Ion:163 Resp: 378691
 Ion Ratio Lower Upper
 163 100
 194 3.5 2.8 4.2
 164 9.3 8.4 12.6



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

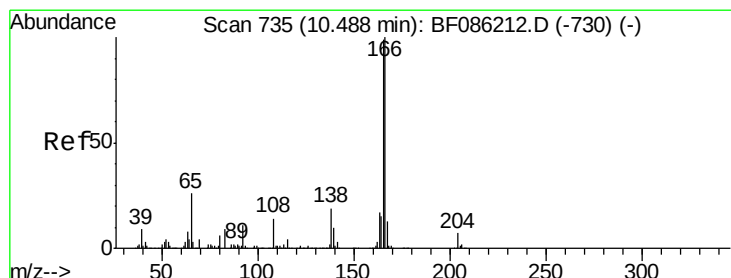
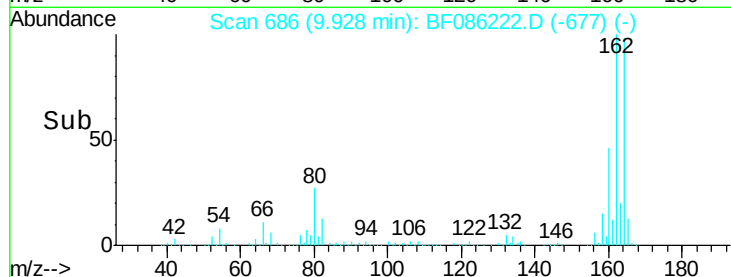
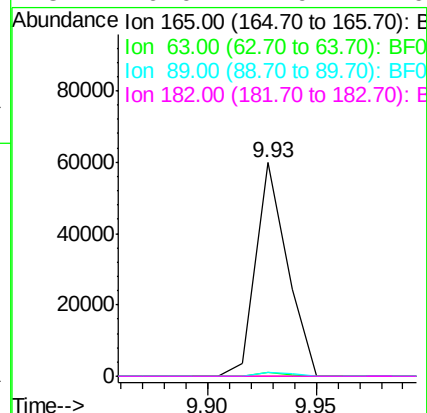
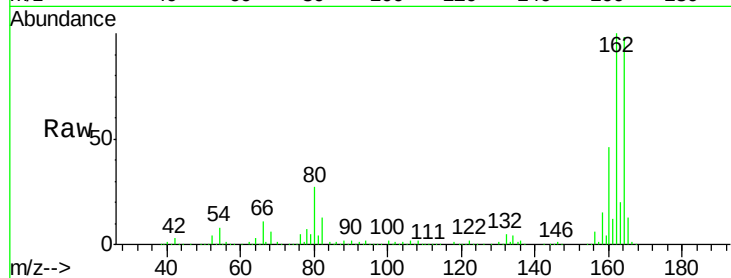




#56
2,4-Dinitrotoluene
Concen: 6.22 ng
RT: 9.93 min Scan# 686
Delta R.T. -0.19 min
Lab File: BF086222.D
Acq: 15 Apr 2016 17:53

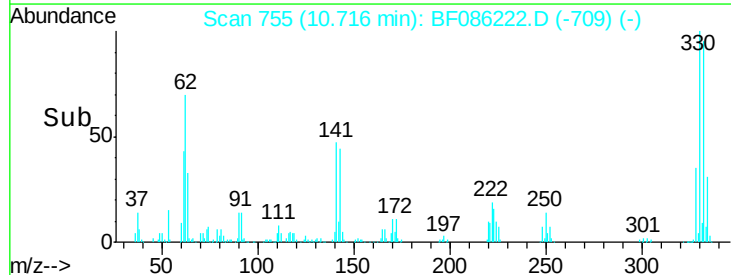
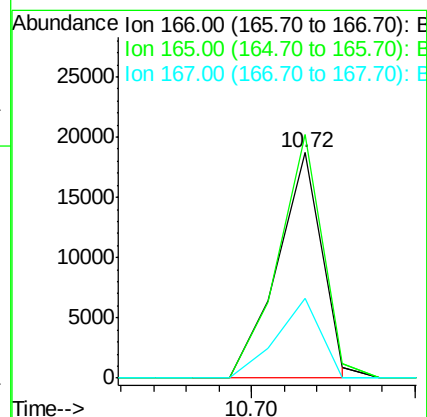
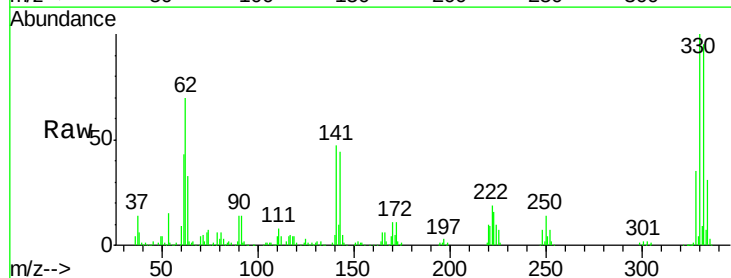
Instrument :
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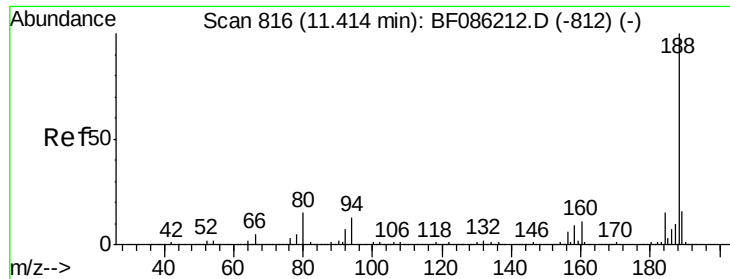
Tgt Ion:	165	Resp:	60271
Ion	Ratio	Lower	Upper
165	100		
63	1.5	26.6	40.0#
89	1.6	49.5	74.3#
182	0.0	1.9	2.9#



#57
Fluorene
Concen: Below Cal
RT: 10.72 min Scan# 755
Delta R.T. 0.23 min
Lab File: BF086222.D
Acq: 15 Apr 2016 17:53

Tgt Ion:	166	Resp:	17825
Ion	Ratio	Lower	Upper
166	100		
165	107.9	78.6	117.8
167	35.5	10.4	15.6#

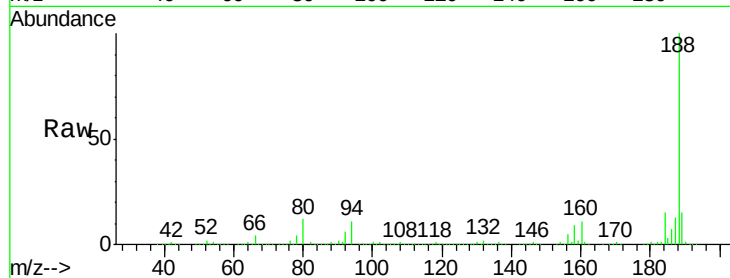




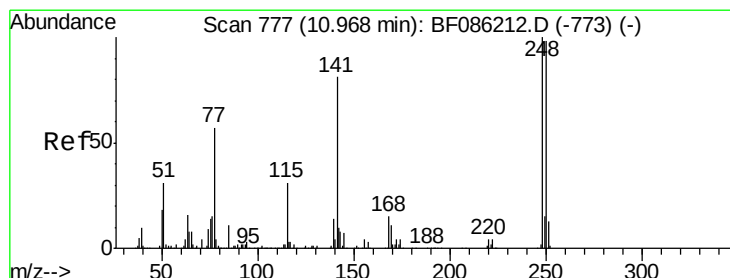
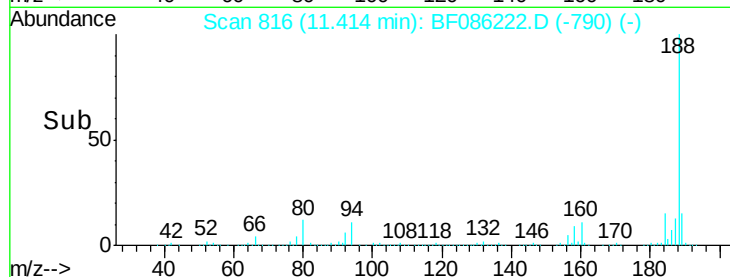
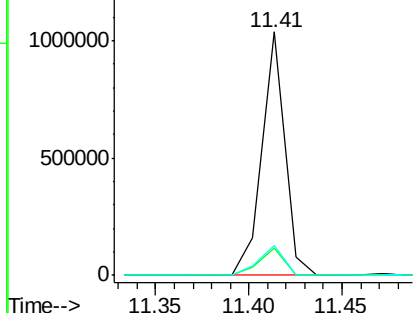
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.41 min Scan# 816
 Delta R.T. -0.00 min
 Lab File: BF086222.D
 Acq: 15 Apr 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-360-372

Tgt Ion:188 Resp: 875879
 Ion Ratio Lower Upper
 188 100
 94 11.4 9.8 14.8
 80 12.1 10.5 15.7

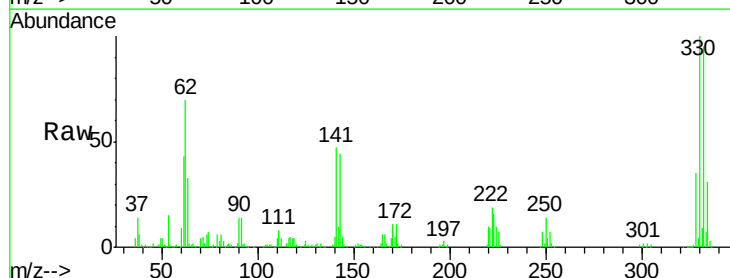


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

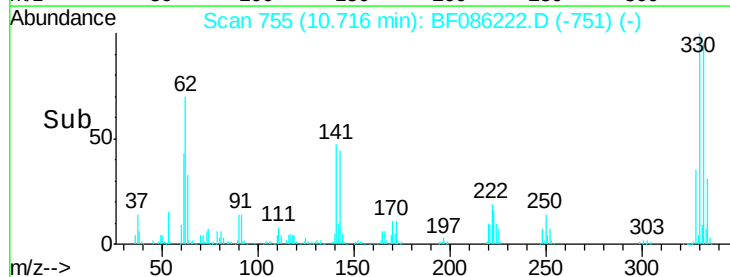
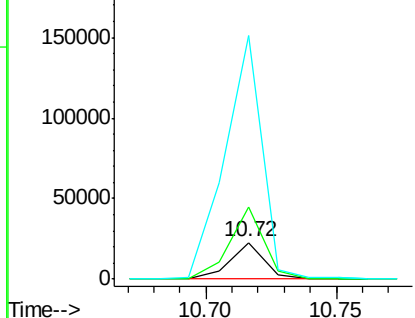


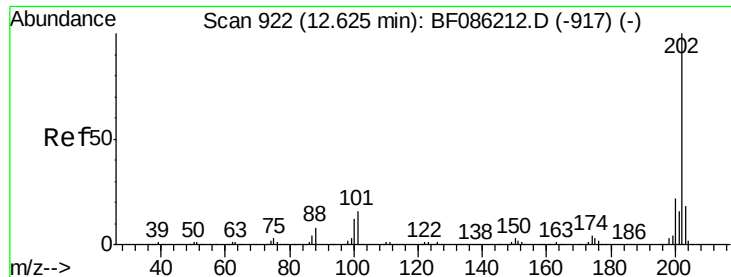
#66
 4-Bromophenyl-phenylether
 Concen: 2.52 ng
 RT: 10.72 min Scan# 755
 Delta R.T. -0.25 min
 Lab File: BF086222.D
 Acq: 15 Apr 2016 17:53

Tgt Ion:248 Resp: 20578
 Ion Ratio Lower Upper
 248 100
 250 196.9 78.6 118.0#
 141 666.1 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

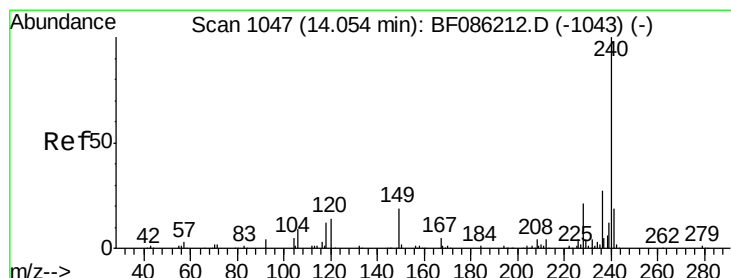
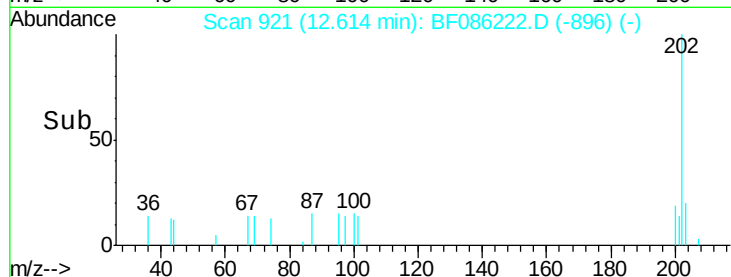
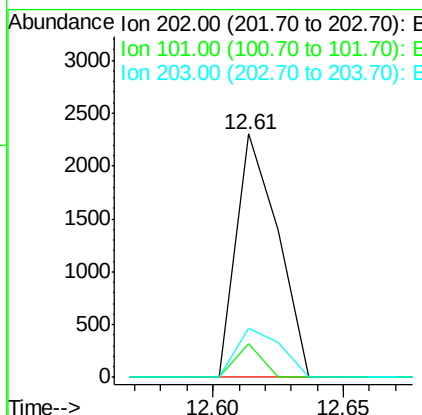
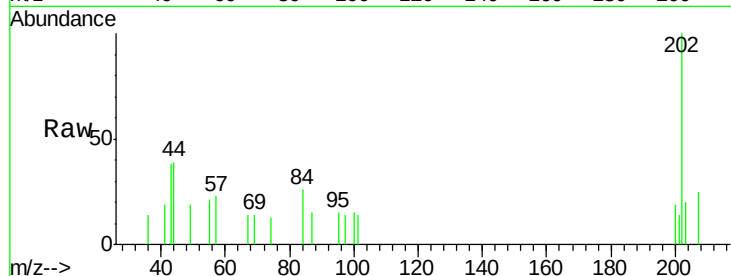




#74
 Fluoranthene
 Concen: Below Cal
 RT: 12.61 min Scan# 921
 Delta R.T. -0.01 min
 Lab File: BF086222.D
 Acq: 15 Apr 2016 17:53

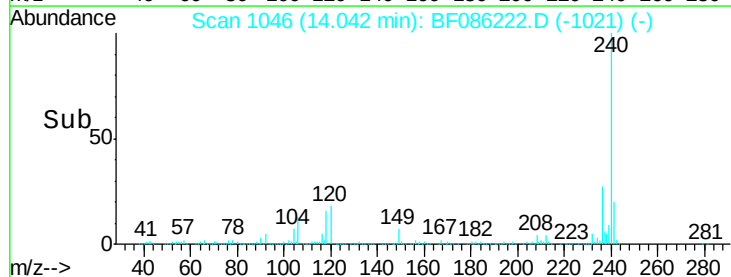
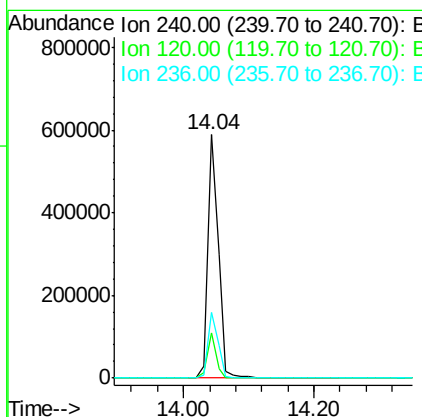
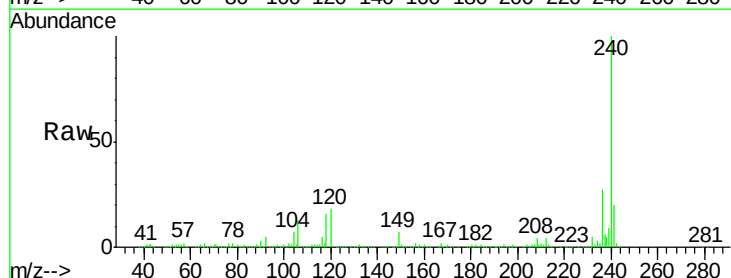
Instrument :
 BNA_F
 ClientSampleId :
 DRUM-360-372

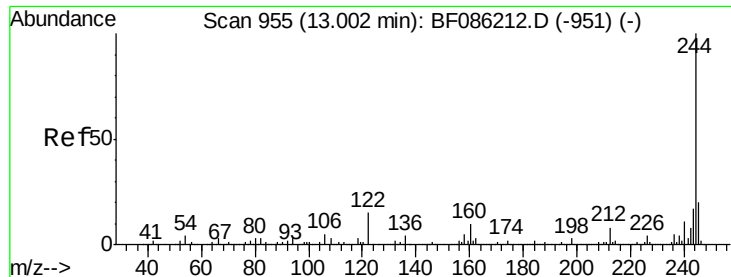
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.0	0.0	35.2
203	20.2	0.0	38.2



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF086222.D
 Acq: 15 Apr 2016 17:53

Tgt Ion	Ratio	Lower	Upper
240	100		
120	18.4	9.3	13.9#
236	26.9	21.1	31.7

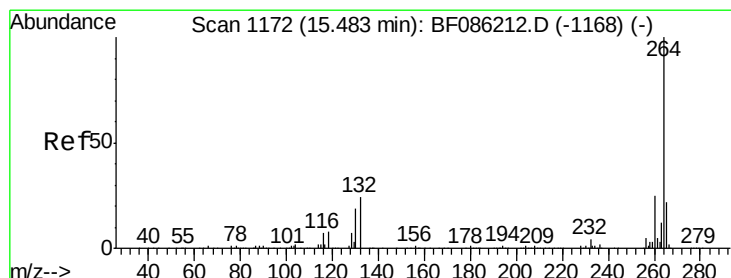
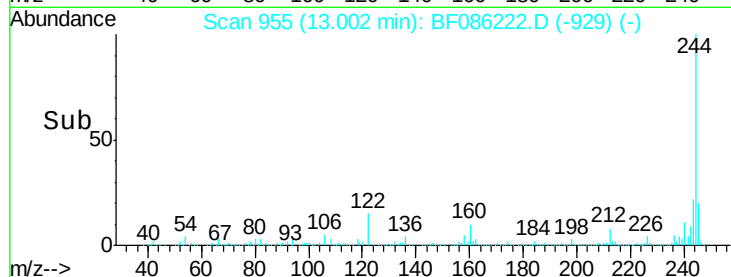
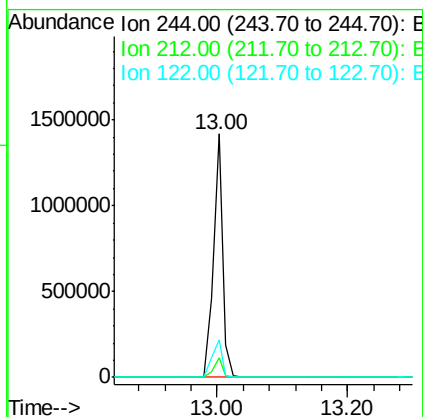
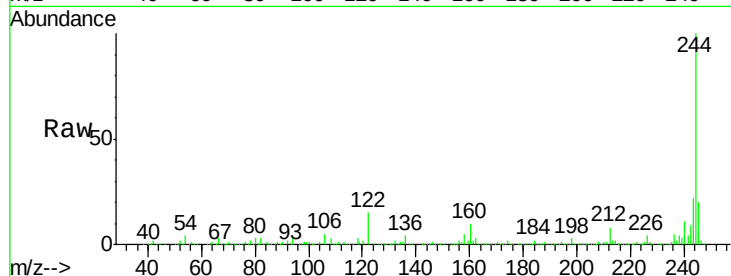




#78
 Terphenyl-d14
 Concen: 55.11 ng
 RT: 13.00 min Scan# 955
 Delta R.T. 0.00 min
 Lab File: BF086222.D
 Acq: 15 Apr 2016 17:53

Instrument :
 BNA_F
 ClientSampleId :
 DRUM-360-372

Tgt Ion:244 Resp: 1436315
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.4 9.6
 122 15.4 11.7 17.5



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. -0.00 min
 Lab File: BF086222.D
 Acq: 15 Apr 2016 17:53

Tgt Ion:264 Resp: 476409
 Ion Ratio Lower Upper
 264 100
 260 25.1 20.0 30.0
 265 21.2 17.4 26.0

