

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF062316\
 Data File : BF088304.D
 Acq On : 23 Jun 2016 22:40
 Operator : UM/SJ
 Sample : H3607-09
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-43

Quant Time: Jun 24 01:38:29 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

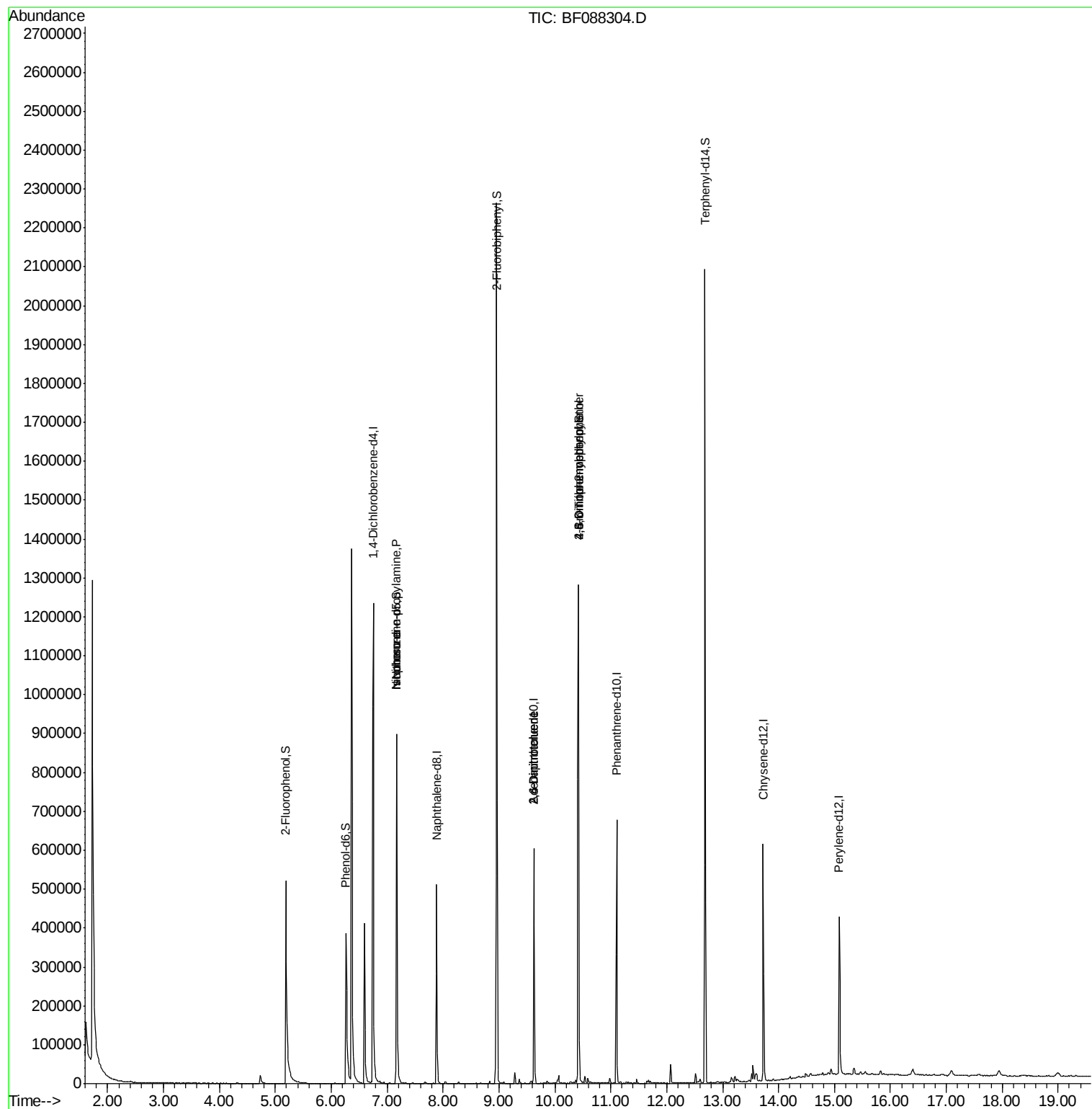
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.75	152	312098	20.00	ng	0.15
21) Naphthalene-d8	7.88	136	332231	20.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	157560	20.00	ng	-0.02
63) Phenanthrene-d10	11.11	188	293990	20.00	ng	-0.01
75) Chrysene-d12	13.73	240	225669	20.00	ng	-0.02
86) Perylene-d12	15.09	264	182547	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	314839	17.25	ng	0.01
7) Phenol-d6	6.26	99	257545	11.64	ng	0.00
23) Nitrobenzene-d5	7.16	82	479747	84.32	ng	-0.01
41) 2,4,6-Tribromophenol	10.42	330	196421	118.07	ng	-0.01
44) 2-Fluorobiphenyl	8.96	172	845730	84.27	ng	-0.01
78) Terphenyl-d14	12.69	244	694718	70.05	ng	-0.01
Target Compounds						
10) Phenol	6.36	94	899	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.16	70	60992	4.31 ng	#	73
25) Isophorone	7.16	82	472146	44.80 ng	#	65
45) 1,1'-Biphenyl	8.96	154	2192	Below Cal	#	1
50) 2,6-Dinitrotoluene	9.62	165	20302	7.77 ng	#	37
56) 2,4-Dinitrotoluene	9.62	165	20302	6.04 ng	#	36
64) 4,6-Dinitro-2-methylphenol	10.42	198	521	2.43 ng	#	1
66) 4-Bromophenyl-phenylether	10.42	248	13321	4.22 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: 6.75 min Scan# 452

Delta R.T. 0.15 min

Lab File: BF088304.D

Acq: 23 Jun 2016 22:40

Instrument :

BNA_F

ClientSampleId :

TE-PMW-43

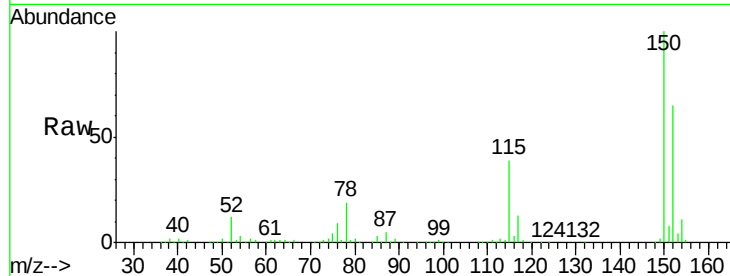
Tgt Ion:152 Resp: 312098

Ion Ratio Lower Upper

152 100

150 152.9 123.8 185.6

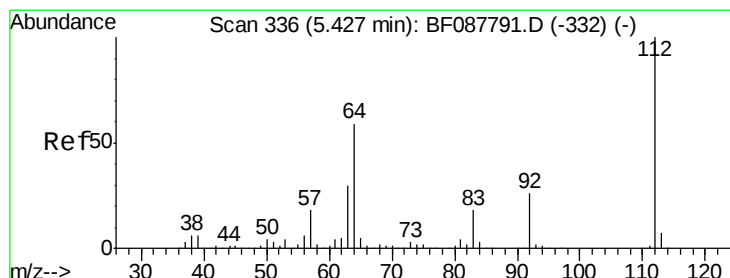
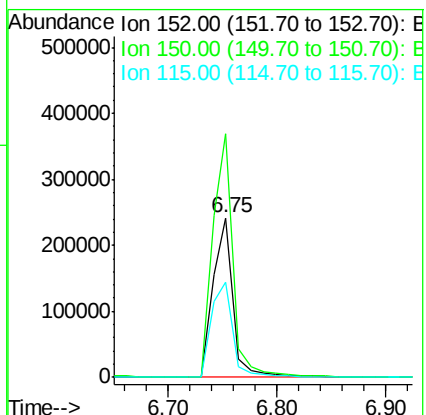
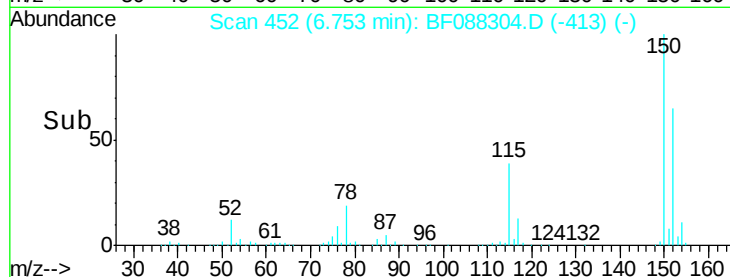
115 59.4 39.6 59.4



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: 17.25 ng

RT: 5.19 min Scan# 315

Delta R.T. 0.01 min

Lab File: BF088304.D

Acq: 23 Jun 2016 22:40

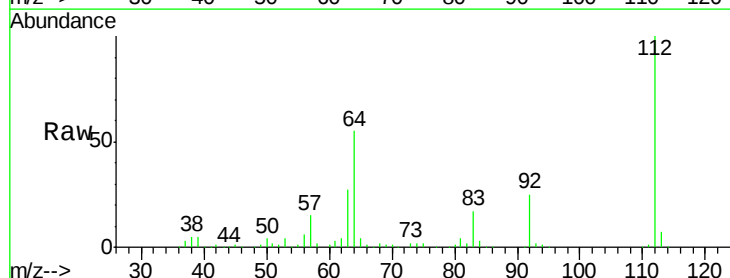
Tgt Ion:112 Resp: 314839

Ion Ratio Lower Upper

112 100

64 55.1 42.2 63.2

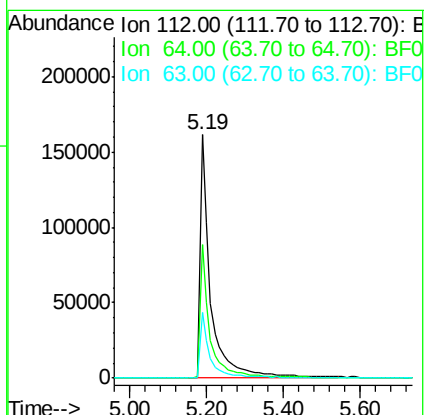
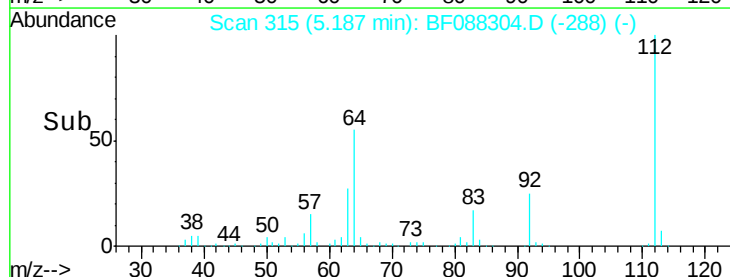
63 27.2 21.8 32.8



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: 11.64 ng

RT: 6.26 min Scan# 409

Delta R.T. 0.00 min

Lab File: BF088304.D

Acq: 23 Jun 2016 22:40

Instrument :

BNA_F

ClientSampleId :

TE-PMW-43

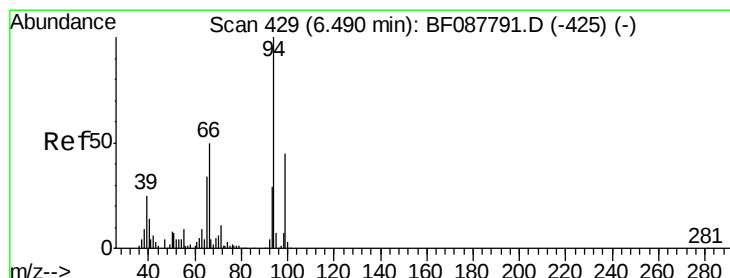
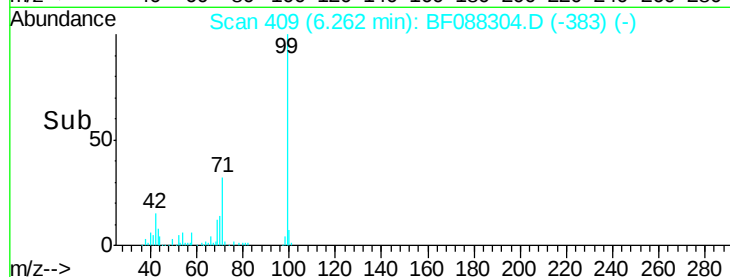
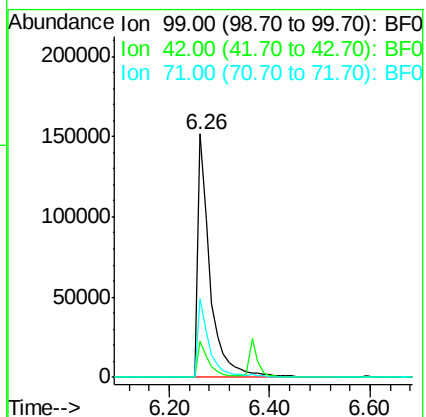
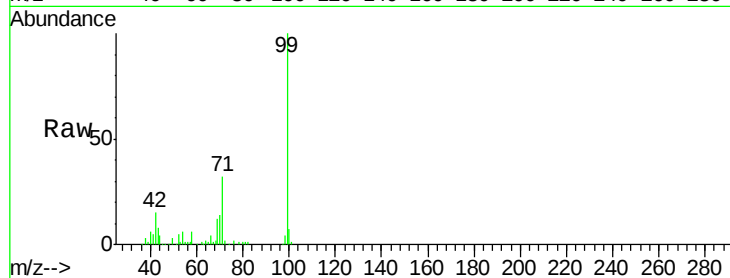
Tgt Ion: 99 Resp: 257545

Ion Ratio Lower Upper

99 100

42 15.1 12.2 18.2

71 32.4 23.4 35.0



#10

Phenol

Concen: Below Cal

RT: 6.36 min Scan# 418

Delta R.T. 0.09 min

Lab File: BF088304.D

Acq: 23 Jun 2016 22:40

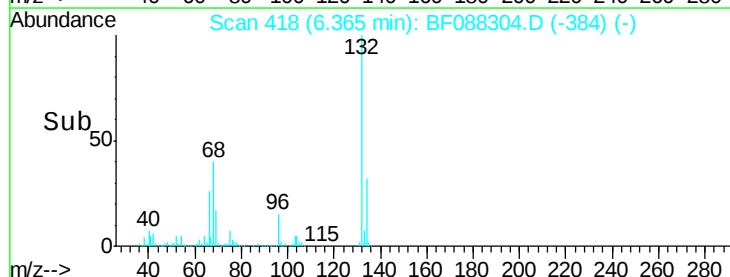
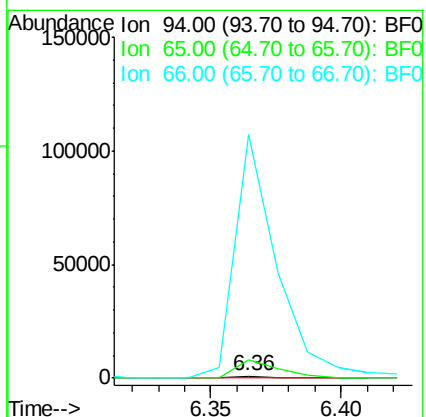
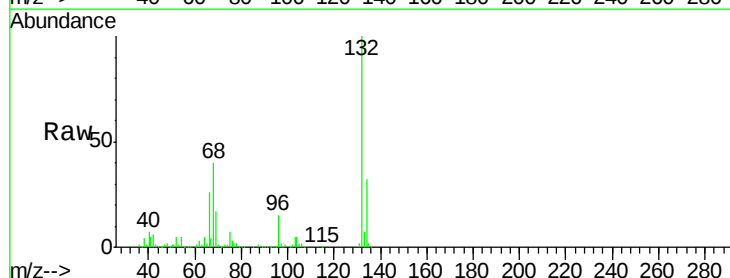
Tgt Ion: 94 Resp: 899

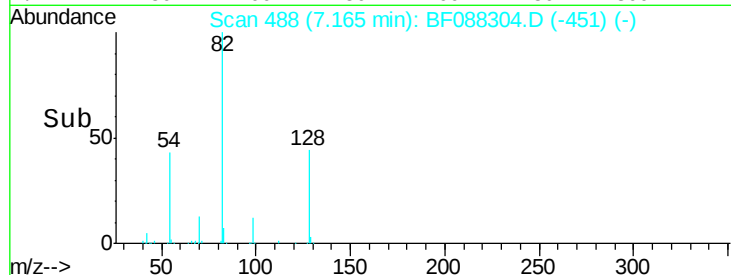
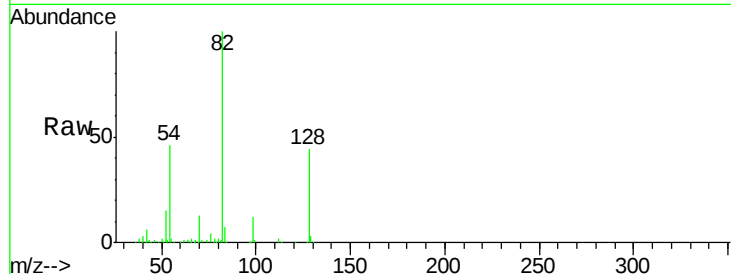
Ion Ratio Lower Upper

94 100

65 920.3 5.9 45.9#

66 12270.0 14.0 54.0#

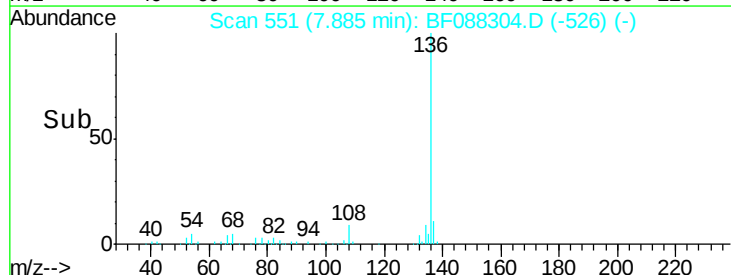
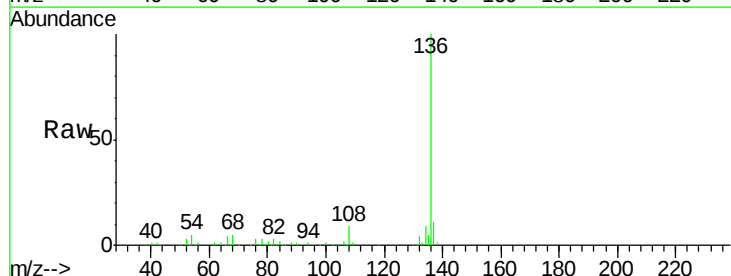
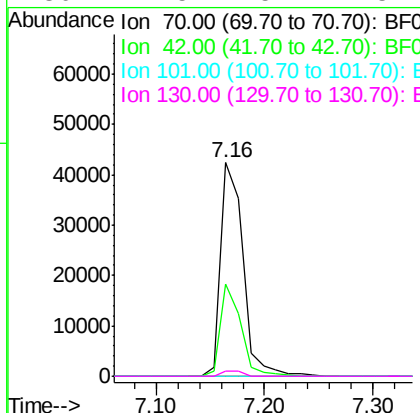




#19
n-Nitroso-di-n-propylamine
Concen: 4.31 ng
RT: 7.16 min Scan# 488
Delta R.T. 0.13 min
Lab File: BF088304.D
Acq: 23 Jun 2016 22:40

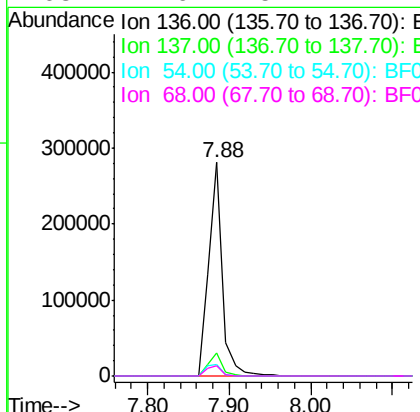
Instrument :
BNA_F
ClientSampleId :
TE-PMW-43

Tgt Ion: 70 Resp: 60992
Ion Ratio Lower Upper
70 100
42 43.0 49.6 74.4#
101 0.0 7.1 10.7#
130 2.5 15.4 23.2#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088304.D
Acq: 23 Jun 2016 22:40

Tgt Ion: 136 Resp: 332231
Ion Ratio Lower Upper
136 100
137 10.7 9.1 13.7
54 5.1 6.6 10.0#
68 4.6 5.1 7.7#

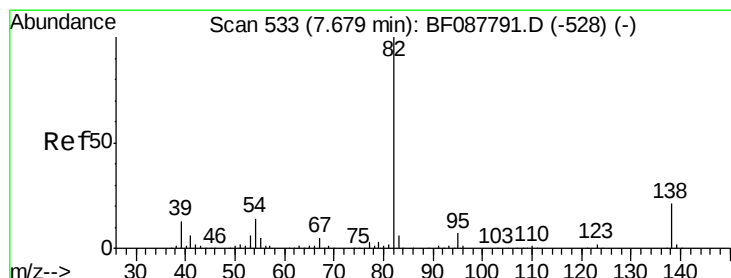
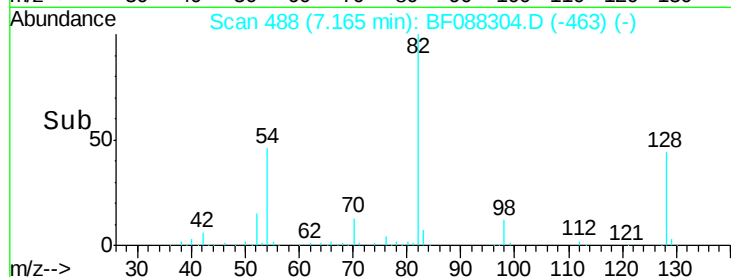
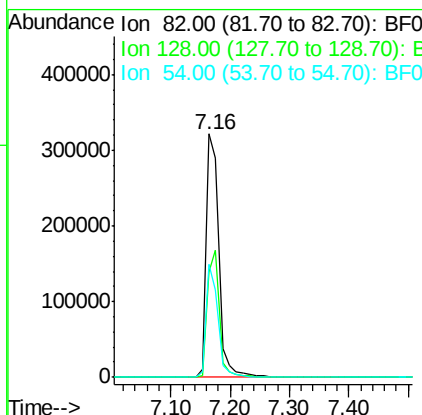
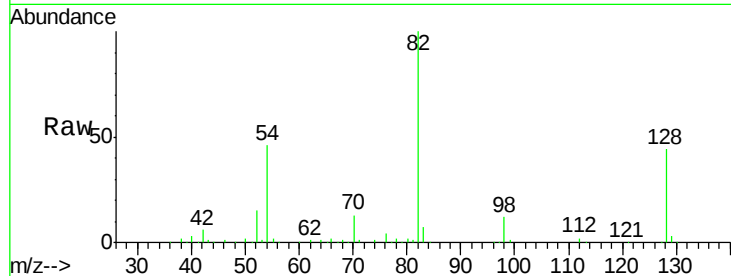




#23
 Nitrobenzene-d5
 Concen: 84.32 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.01 min
 Lab File: BF088304.D
 Acq: 23 Jun 2016 22:40

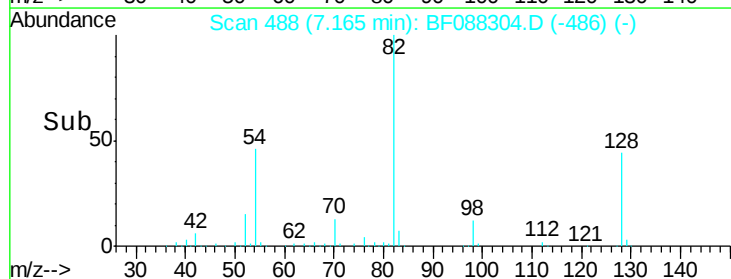
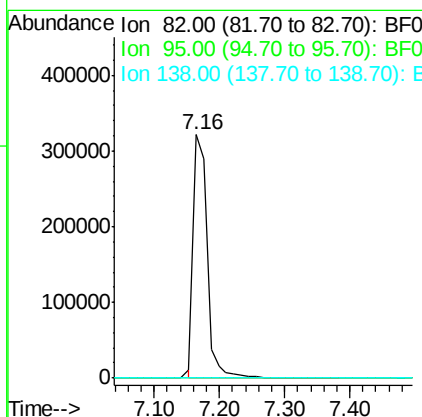
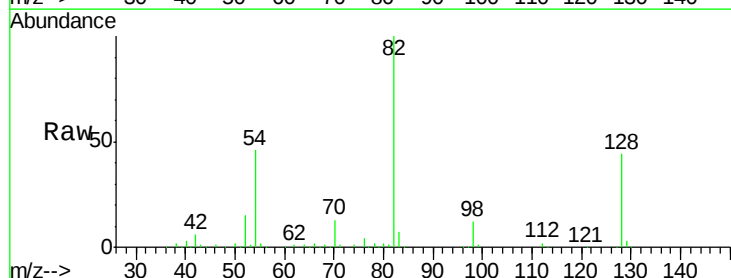
Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-43

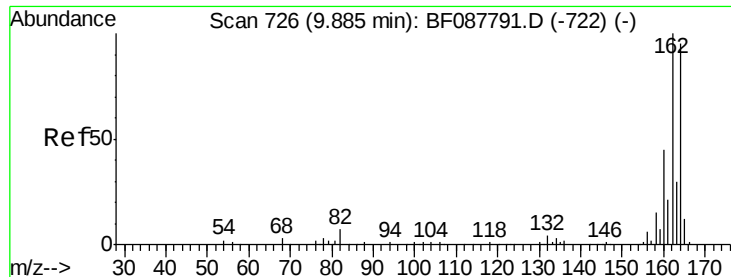
Tgt Ion: 82 Resp: 479747
 Ion Ratio Lower Upper
 82 100
 128 43.5 35.9 53.9
 54 46.4 40.9 61.3



#25
 Isophorone
 Concen: 44.80 ng
 RT: 7.16 min Scan# 488
 Delta R.T. -0.27 min
 Lab File: BF088304.D
 Acq: 23 Jun 2016 22:40

Tgt Ion: 82 Resp: 472146
 Ion Ratio Lower Upper
 82 100
 95 0.0 5.4 8.2#
 138 0.0 14.6 21.8#





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 703

Delta R.T. -0.02 min

Lab File: BF088304.D

Acq: 23 Jun 2016 22:40

Instrument :

BNA_F

ClientSampleId :

TE-PMW-43

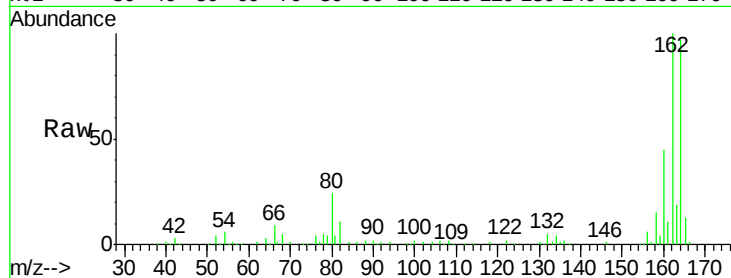
Tgt Ion:164 Resp: 157560

Ion Ratio Lower Upper

164 100

162 102.8 85.4 128.2

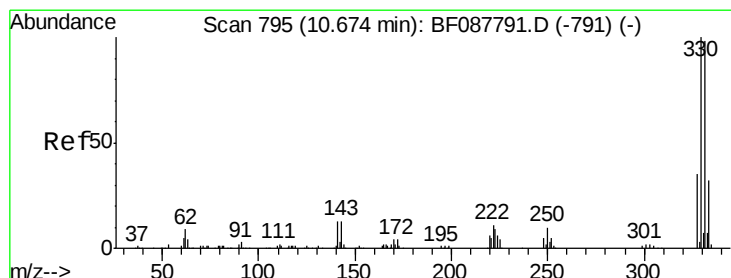
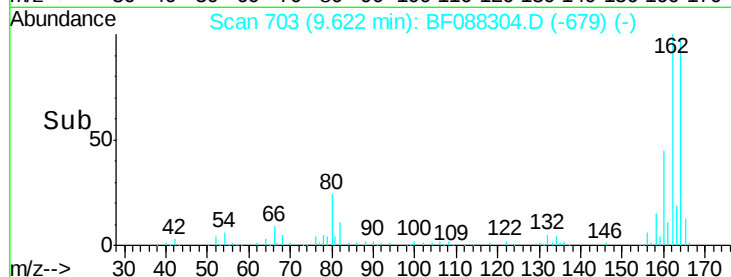
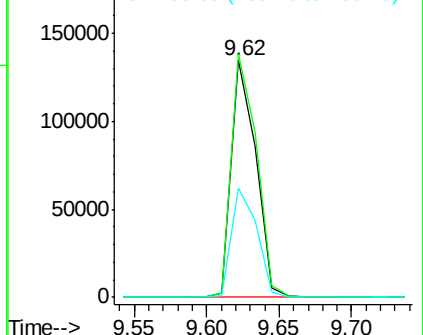
160 45.9 39.5 59.3



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: 118.07 ng

RT: 10.42 min Scan# 773

Delta R.T. -0.01 min

Lab File: BF088304.D

Acq: 23 Jun 2016 22:40

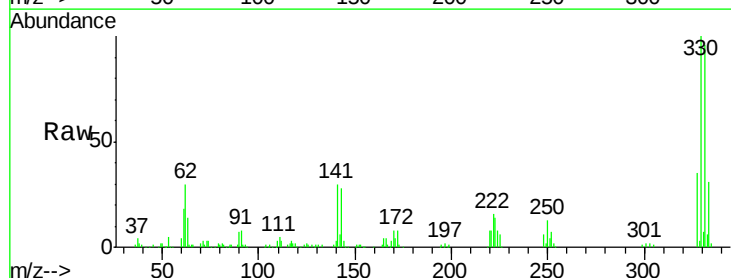
Tgt Ion:330 Resp: 196421

Ion Ratio Lower Upper

330 100

332 96.3 0.0 0.0#

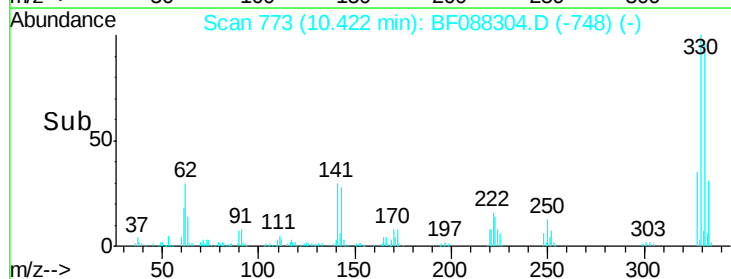
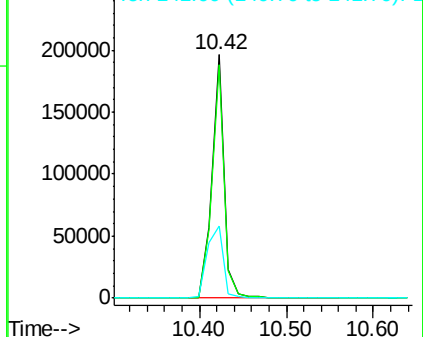
141 38.4 0.0 0.0#



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

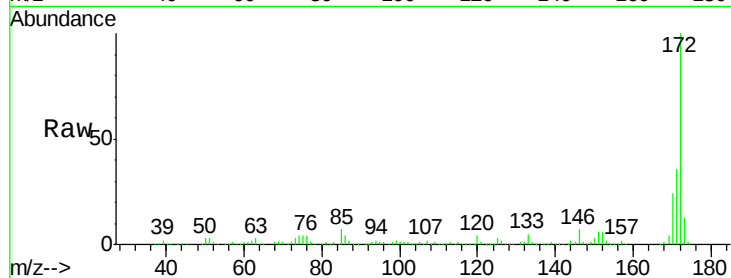




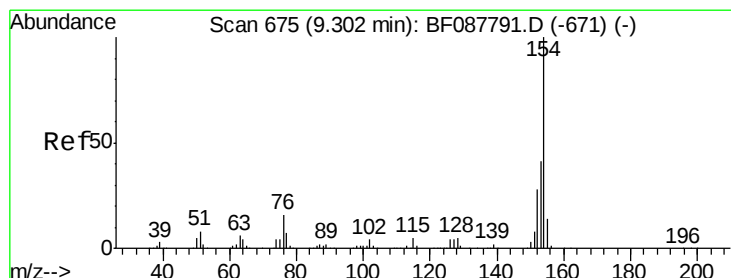
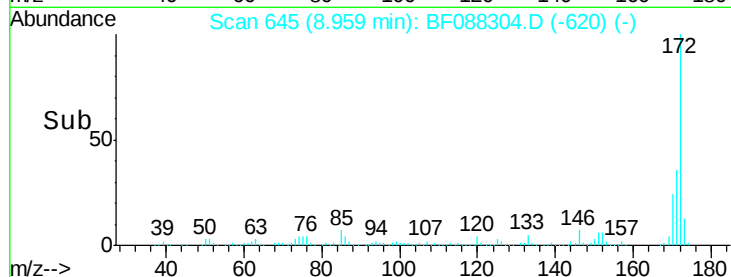
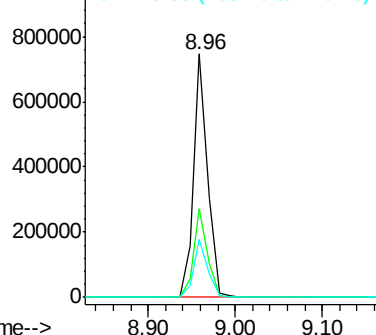
#44
 2-Fluorobiphenyl
 Concen: 84.27 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF088304.D
 Acq: 23 Jun 2016 22:40

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-43

Tgt Ion:172 Resp: 845730
 Ion Ratio Lower Upper
 172 100
 171 36.4 28.6 43.0
 170 24.0 19.2 28.8

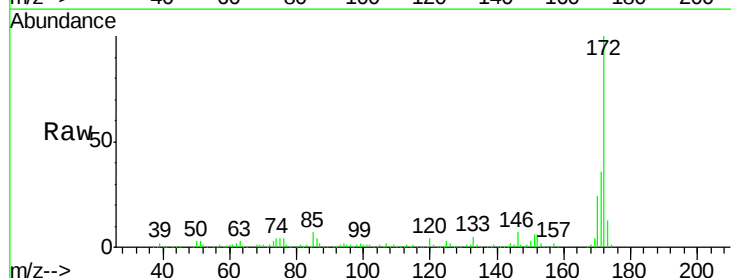


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

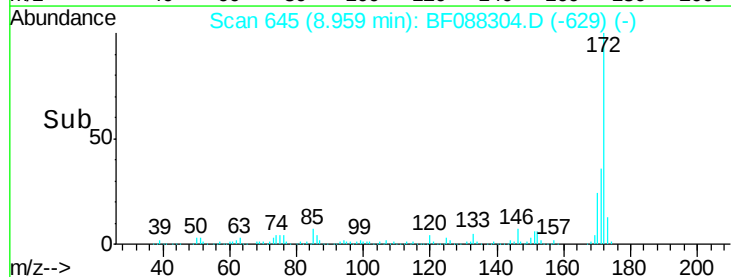
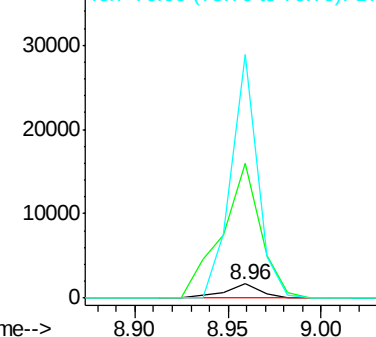


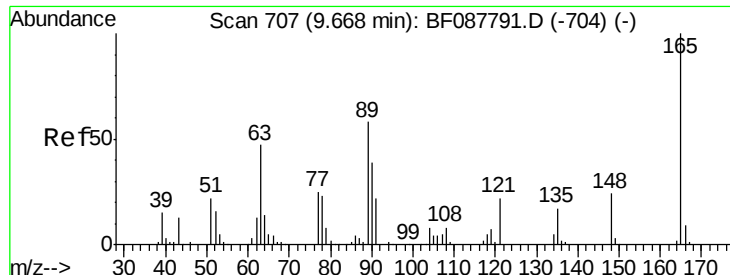
#45
 1,1'-Biphenyl
 Concen: Below Cal
 RT: 8.96 min Scan# 645
 Delta R.T. -0.11 min
 Lab File: BF088304.D
 Acq: 23 Jun 2016 22:40

Tgt Ion:154 Resp: 2192
 Ion Ratio Lower Upper
 154 100
 153 966.4 20.6 60.6#
 76 1746.6 0.0 35.1#



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 76.00 (75.70 to 76.70): BF0

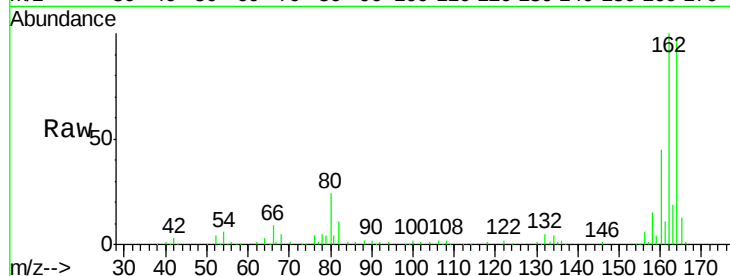




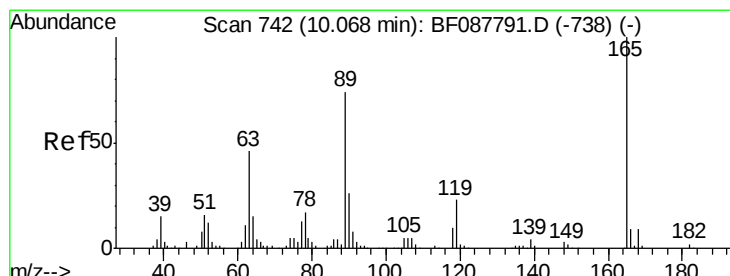
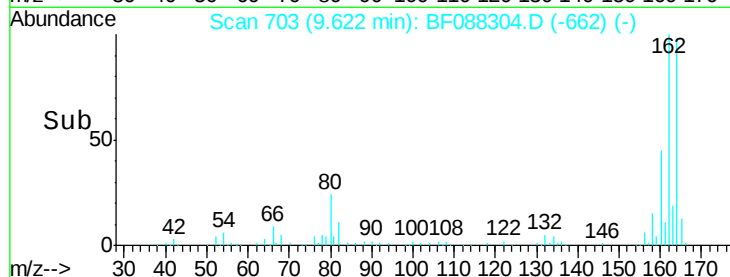
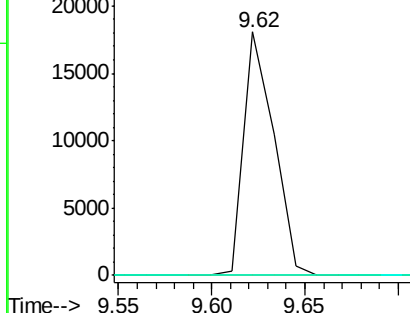
#50
 2,6-Dinitrotoluene
 Concen: 7.77 ng
 RT: 9.62 min Scan# 703
 Delta R.T. 0.17 min
 Lab File: BF088304.D
 Acq: 23 Jun 2016 22:40

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-43

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	28.1	42.1#
89	0.0	32.2	48.2#

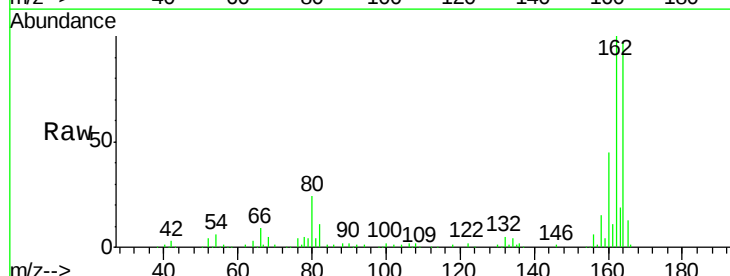


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

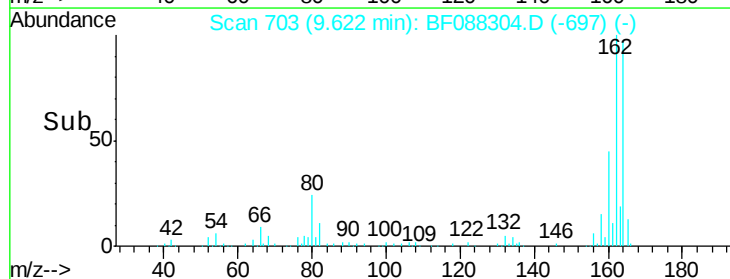
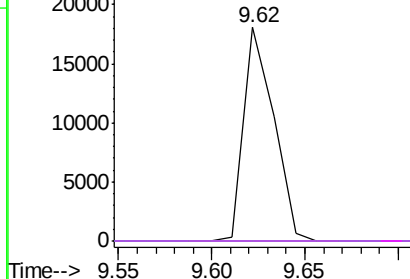


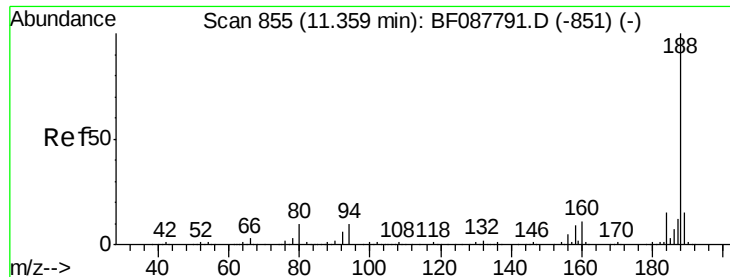
#56
 2,4-Dinitrotoluene
 Concen: 6.04 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.23 min
 Lab File: BF088304.D
 Acq: 23 Jun 2016 22:40

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	22.0	33.0#
89	0.0	41.1	61.7#
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

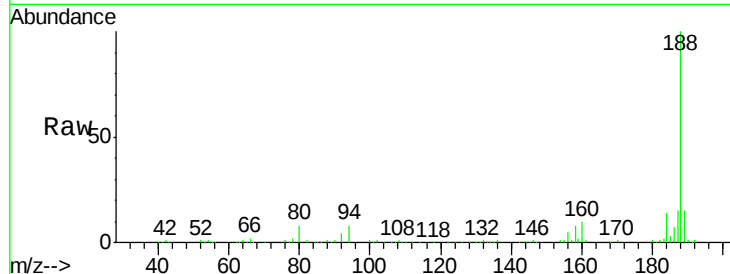




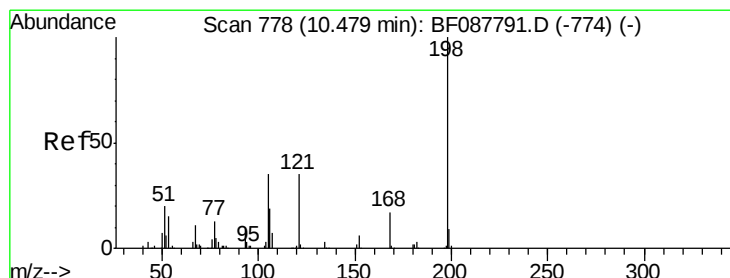
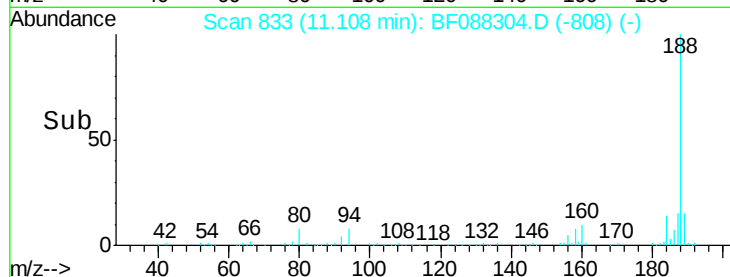
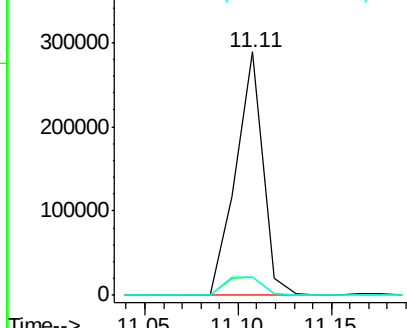
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 833
Delta R.T. -0.01 min
Lab File: BF088304.D
Acq: 23 Jun 2016 22:40

Instrument :
BNA_F
ClientSampleId :
TE-PMW-43

Tgt Ion:188 Resp: 293990
Ion Ratio Lower Upper
188 100
94 7.7 9.0 13.6#
80 7.7 10.0 15.0#

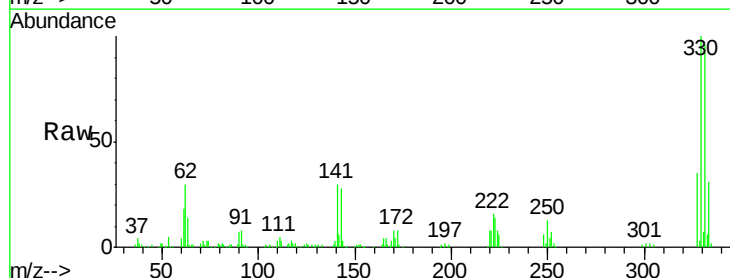


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

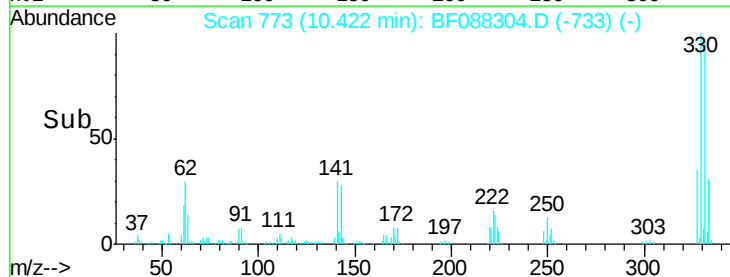
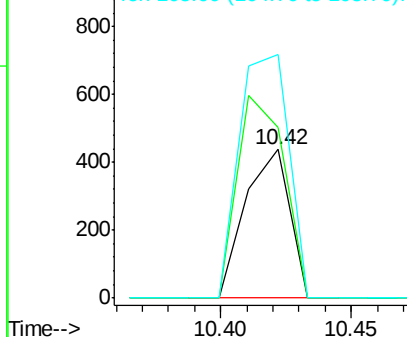


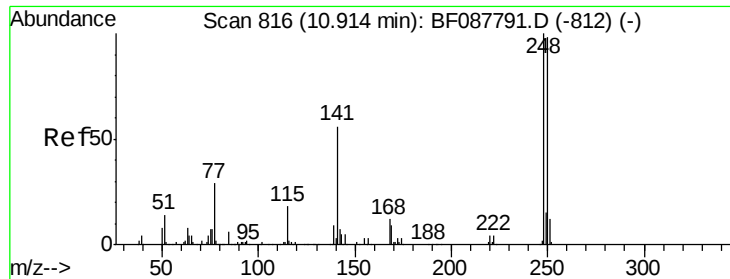
#64
4,6-Dinitro-2-methylphenol
Concen: 2.43 ng
RT: 10.42 min Scan# 773
Delta R.T. 0.16 min
Lab File: BF088304.D
Acq: 23 Jun 2016 22:40

Tgt Ion:198 Resp: 521
Ion Ratio Lower Upper
198 100
51 114.8 39.6 79.6#
105 163.7 36.6 76.6#



Abundance Ion 198.00 (197.70 to 198.70): E
Ion 51.00 (50.70 to 51.70): BF0
Ion 105.00 (104.70 to 105.70): E

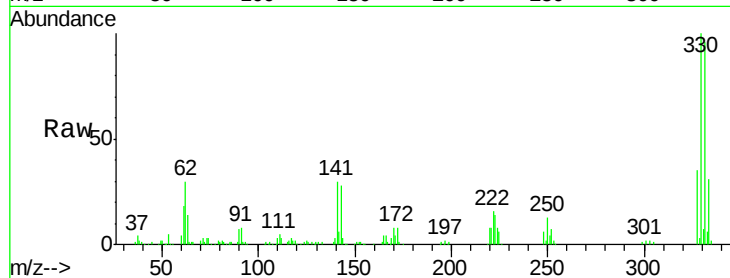




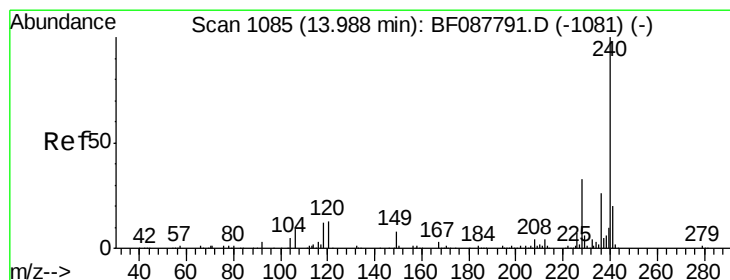
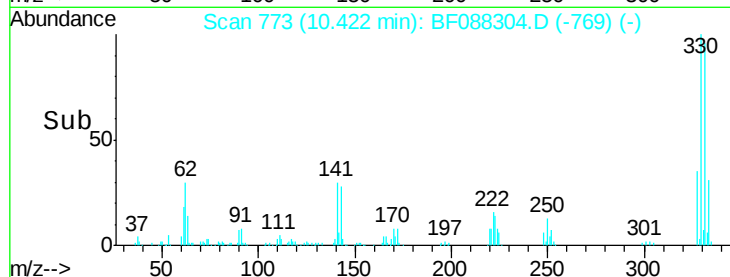
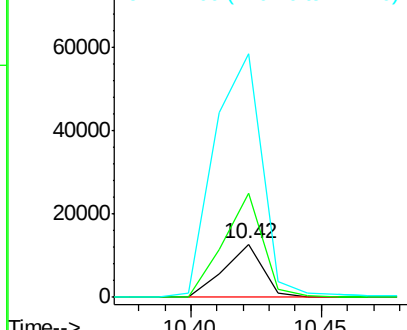
#66
 4-Bromophenyl-phenylether
 Concen: 4.22 ng
 RT: 10.42 min Scan# 773
 Delta R.T. -0.25 min
 Lab File: BF088304.D
 Acq: 23 Jun 2016 22:40

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-43

Tgt Ion:248 Resp: 13321
 Ion Ratio Lower Upper
 248 100
 250 196.7 77.1 115.7#
 141 460.3 50.6 76.0#

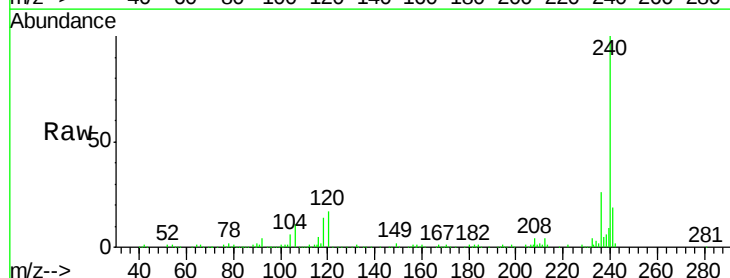


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

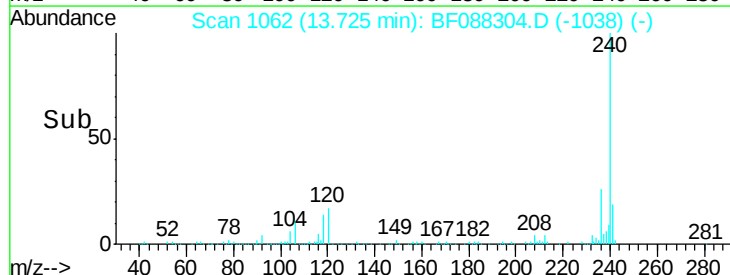
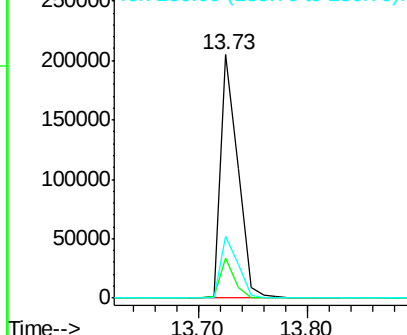


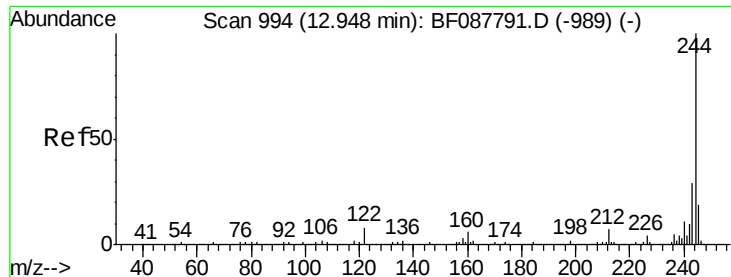
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 13.73 min Scan# 1062
 Delta R.T. -0.02 min
 Lab File: BF088304.D
 Acq: 23 Jun 2016 22:40

Tgt Ion:240 Resp: 225669
 Ion Ratio Lower Upper
 240 100
 120 16.5 6.8 10.2#
 236 25.5 20.2 30.2



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

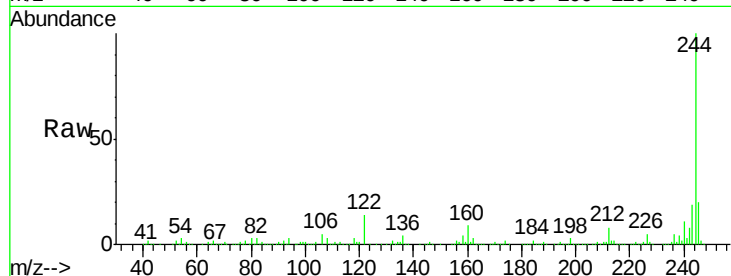




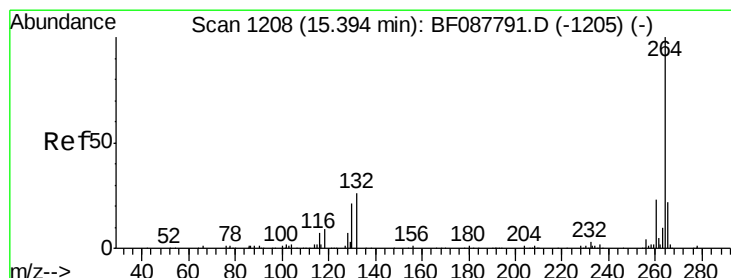
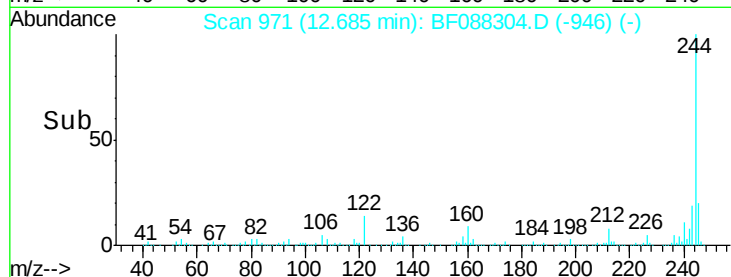
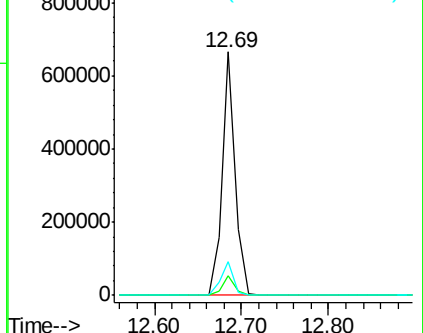
#78
 Terphenyl-d14
 Concen: 70.05 ng
 RT: 12.69 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF088304.D
 Acq: 23 Jun 2016 22:40

Instrument :
 BNA_F
 ClientSampleId :
 TE-PMW-43

Tgt Ion:244 Resp: 694718
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.0 9.0
 122 14.1 11.2 16.8

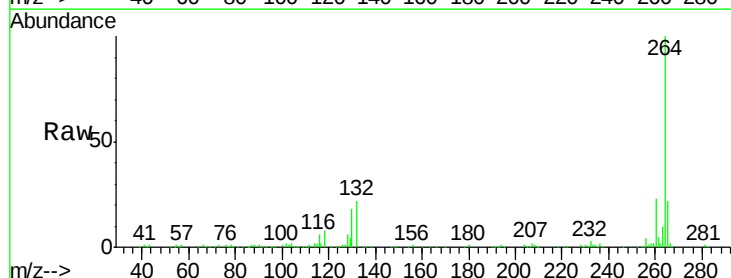


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF088304.D
 Acq: 23 Jun 2016 22:40

Tgt Ion:264 Resp: 182547
 Ion Ratio Lower Upper
 264 100
 260 23.2 19.2 28.8
 265 21.8 16.9 25.3



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

