

Data File : BF093115.D
Acq On : 23 Feb 2017 20:17
Operator : SJ/MA
Sample : I1954-11
Misc :
ALS Vial : 13 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
CLP-B-01(10-15)

Quant Time: Feb 23 23:50:09 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Fri Feb 17 17:31:55 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.84	152	165401	20.00	ng	-0.01
21) Naphthalene-d8	8.13	136	650630	20.00	ng	-0.01
38) Acenaphthene-d10	9.88	164	311533	20.00	ng	-0.01
63) Phenanthrene-d10	11.36	188	559843	20.00	ng	-0.02
75) Chrysene-d12	14.00	240	515067	20.00	ng	-0.02
86) Perylene-d12	15.41	264	374031	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.44	112	1082397	112.27	ng	-0.01
7) Phenol-d6	6.48	99	1423471	114.75	ng	-0.01
23) Nitrobenzene-d5	7.41	82	985022	84.31	ng	-0.01
41) 2,4,6-Tribromophenol	10.67	330	310845	137.96	ng	-0.01
44) 2-Fluorobiphenyl	9.21	172	1653800	96.17	ng	-0.01
78) Terphenyl-d14	12.95	244	1265300	57.72	ng	-0.02
Target Compounds						
10) Phenol	6.49	94	62501	4.31	ng	Qvalue 89
19) n-Nitroso-di-n-propylamine	7.41	70	127051	16.09	ng	# 78
49) Dimethylphthalate	9.60	163	171429	8.17	ng	# 99
56) 2,4-Dinitrotoluene	9.88	165	40406	6.70	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.67	198	749	2.88	ng	# 1
66) 4-Bromophenyl-phenylether	10.67	248	22967	3.93	ng	# 1

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

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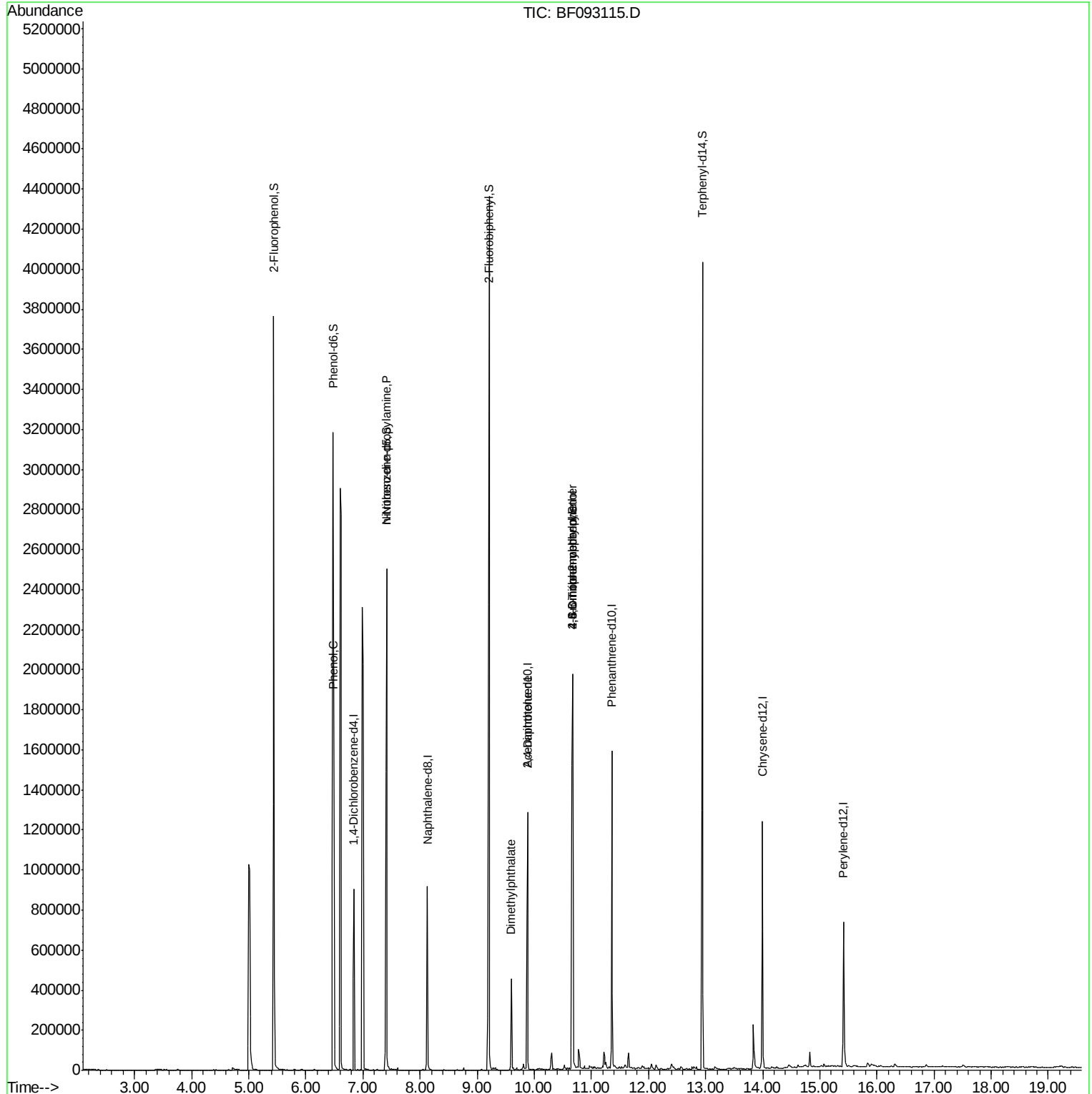
Quant Time: Feb 23 23:50:09 2017

Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.84 min Scan# 416

Delta R.T. -0.01 min

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BNA_F

ClientSampleId :

CLP-B-01(10-15)

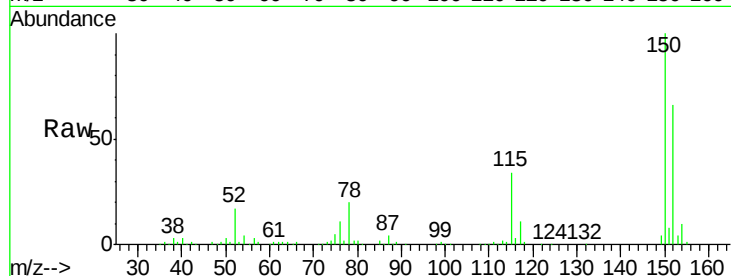
Tgt Ion:152 Resp: 165401

Ion Ratio Lower Upper

152 100

150 151.7 124.9 187.3

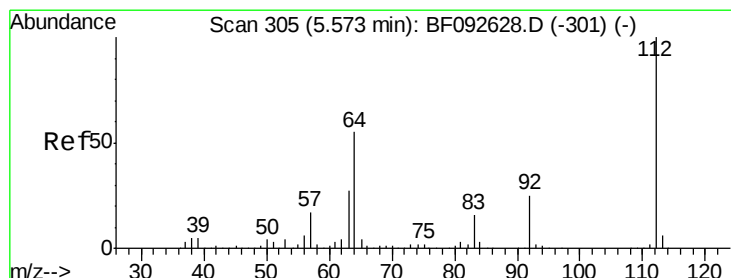
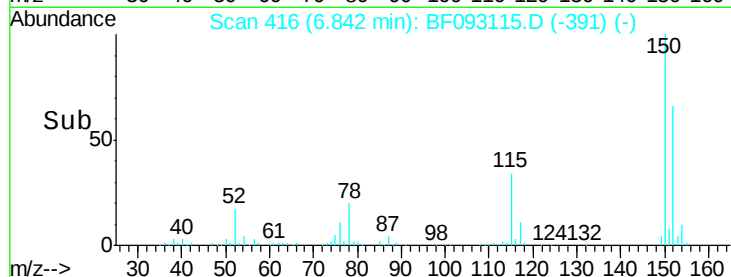
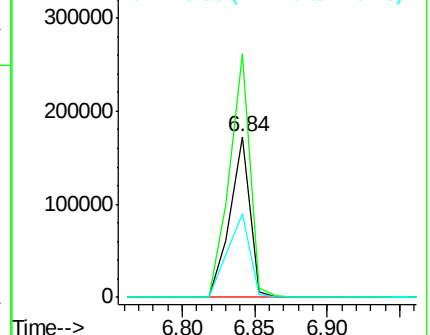
115 51.8 46.0 69.0



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: 112.27 ng

RT: 5.44 min Scan# 293

Delta R.T. -0.01 min

Lab File: BF093115.D

Acq: 23 Feb 2017 20:17

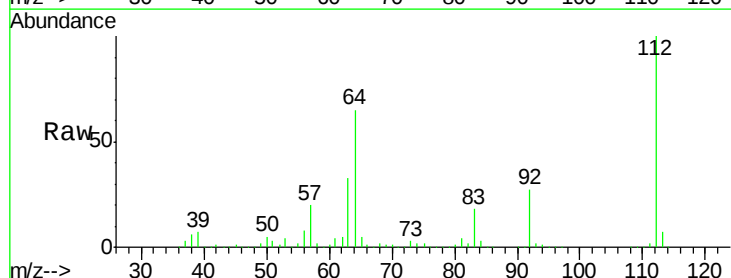
Tgt Ion:112 Resp: 1082397

Ion Ratio Lower Upper

112 100

64 64.9 46.1 69.1

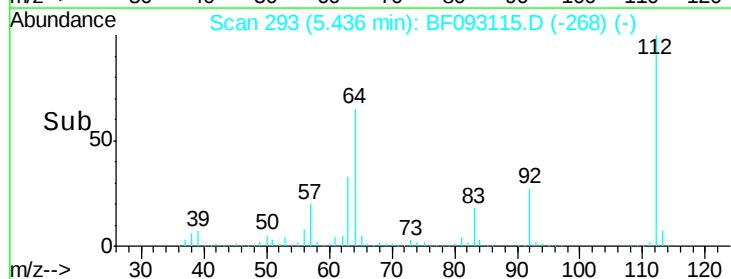
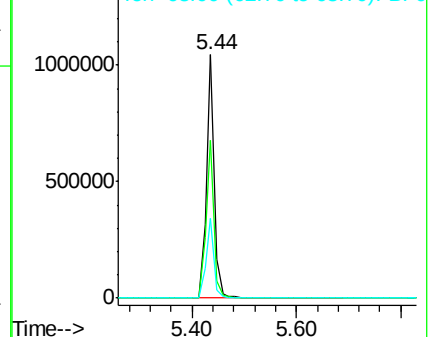
63 32.5 23.8 35.6



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: 114.75 ng

RT: 6.48 min Scan# 384

Delta R.T. -0.01 min

Lab File: BF093115.D

Acq: 23 Feb 2017 20:17

Instrument :

BNA_F

ClientSampleId :

CLP-B-01(10-15)

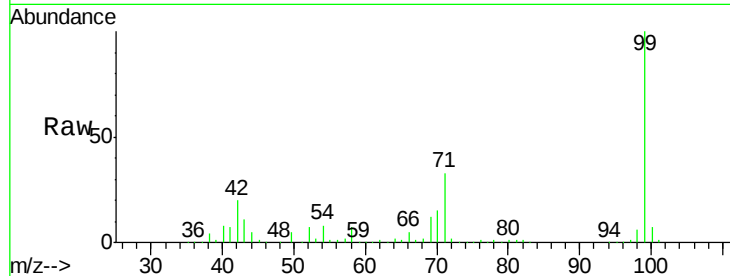
Tgt Ion: 99 Resp: 1423471

Ion Ratio Lower Upper

99 100

42 20.3 15.6 23.4

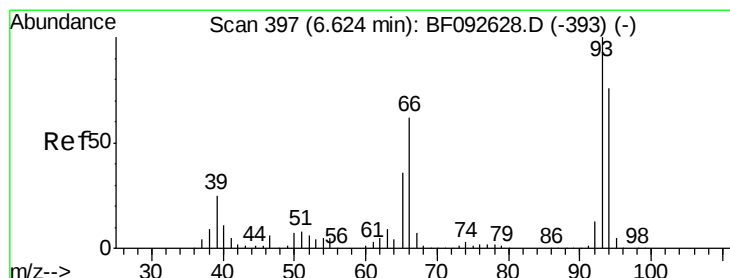
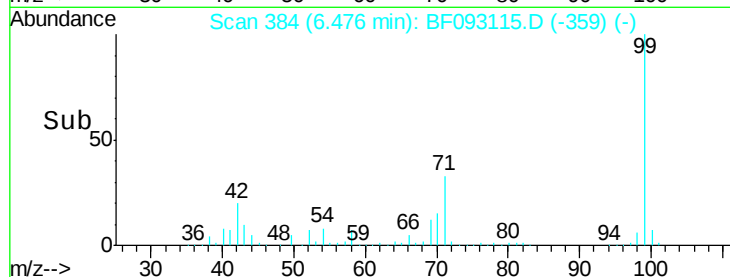
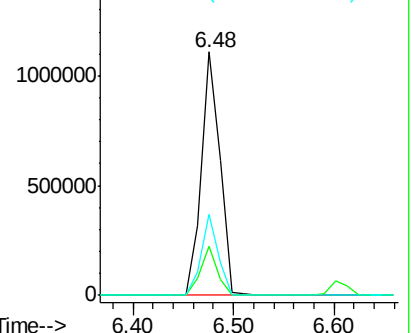
71 33.3 27.5 41.3



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



#10

Phenol

Concen: 4.31 ng

RT: 6.49 min Scan# 385

Delta R.T. -0.02 min

Lab File: BF093115.D

Acq: 23 Feb 2017 20:17

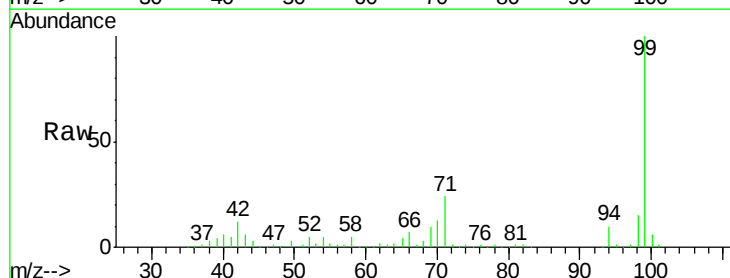
Tgt Ion: 94 Resp: 62501

Ion Ratio Lower Upper

94 100

65 38.4 21.4 61.4

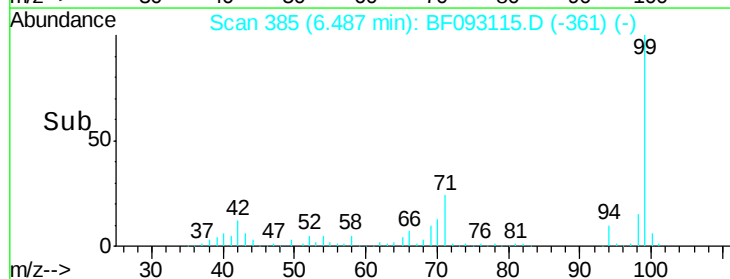
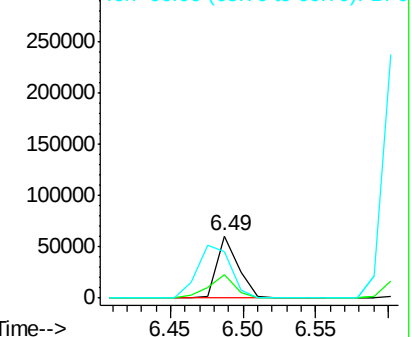
66 75.4 44.0 84.0



Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

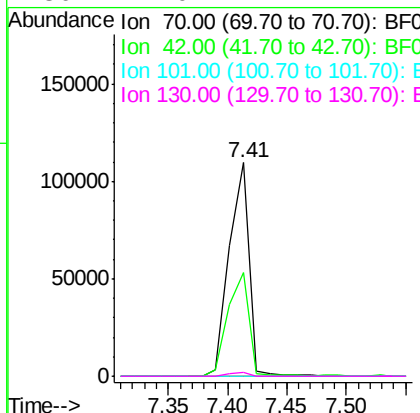
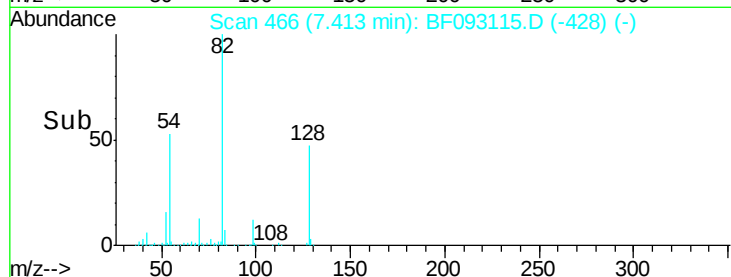
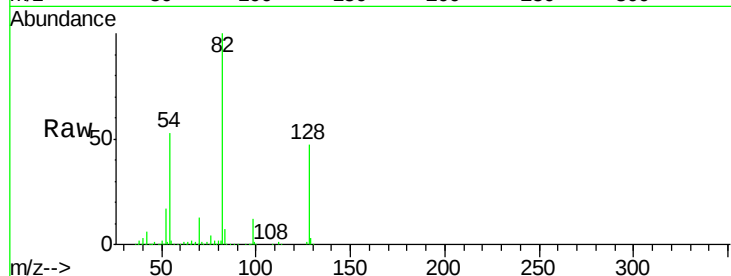




#19
n-Nitroso-di-n-propylamine
Concen: 16.09 ng
RT: 7.41 min Scan# 466
Delta R.T. 0.14 min
Lab File: BF093115.D
Acq: 23 Feb 2017 20:17

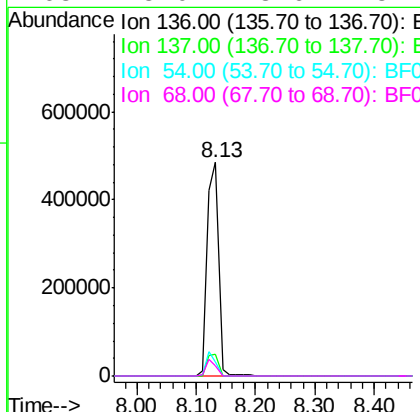
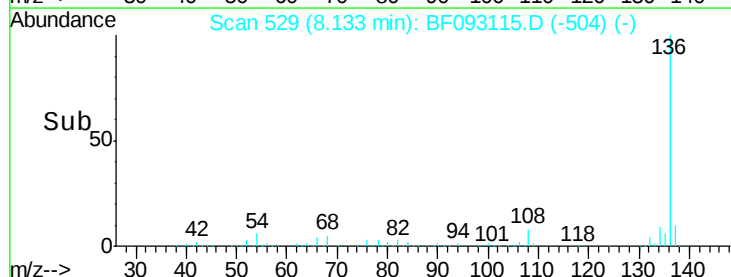
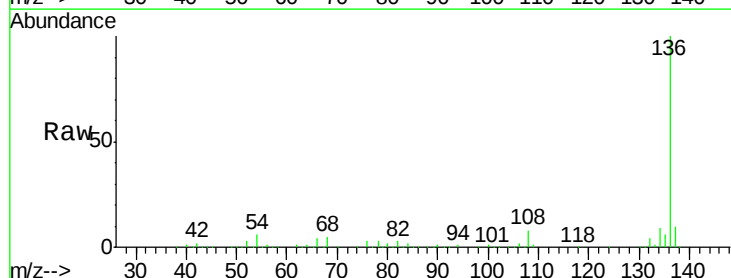
Instrument :
BNA_F
ClientSampleId :
CLP-B-01(10-15)

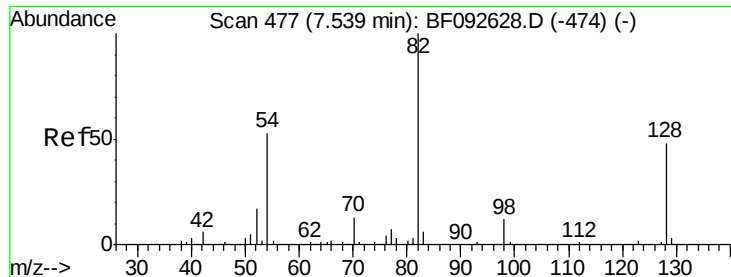
Tgt Ion: 70 Resp: 127051
Ion Ratio Lower Upper
70 100
42 48.8 49.4 74.0#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.13 min Scan# 529
Delta R.T. -0.01 min
Lab File: BF093115.D
Acq: 23 Feb 2017 20:17

Tgt Ion: 136 Resp: 650630
Ion Ratio Lower Upper
136 100
137 10.4 8.4 12.6
54 6.4 4.5 6.7
68 5.0 3.6 5.4

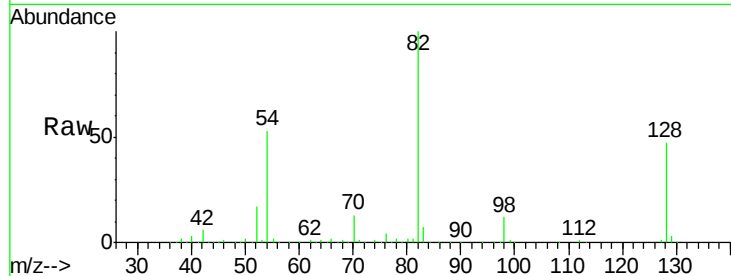




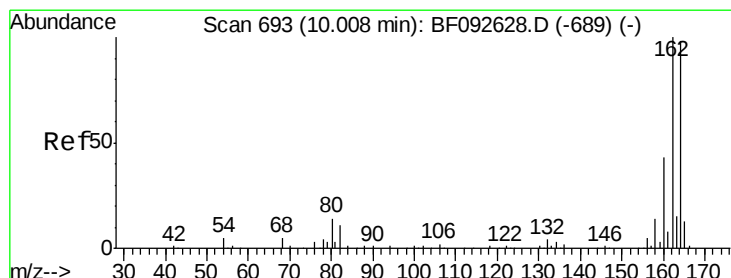
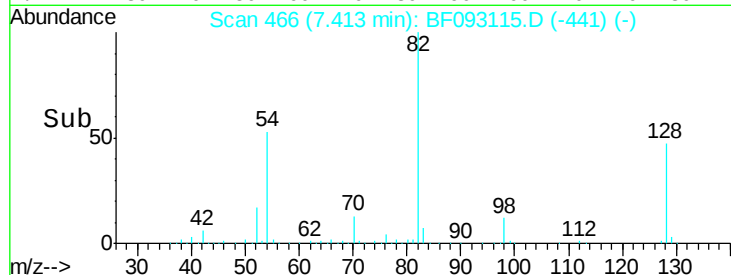
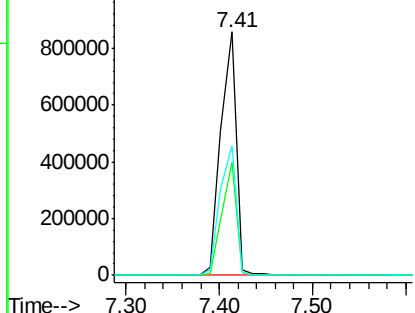
#23
 Nitrobenzene-d5
 Concen: 84.31 ng
 RT: 7.41 min Scan# 466
 Delta R.T. -0.01 min
 Lab File: BF093115.D
 Acq: 23 Feb 2017 20:17

Instrument :
 BNA_F
 ClientSampleId :
 CLP-B-01(10-15)

Tgt Ion: 82 Resp: 985022
 Ion Ratio Lower Upper
 82 100
 128 46.6 34.6 52.0
 54 53.4 39.5 59.3

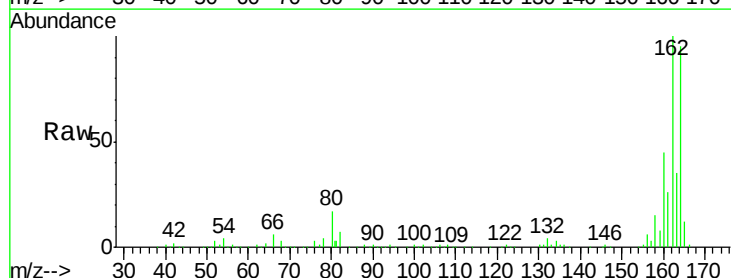


Abundance Ion 82.00 (81.70 to 82.70): BF0
 Ion 128.00 (127.70 to 128.70): BF0
 Ion 54.00 (53.70 to 54.70): BF0

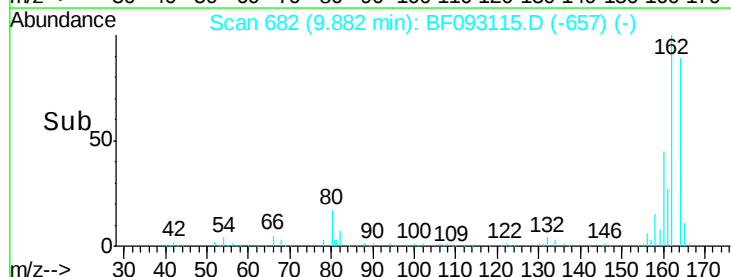
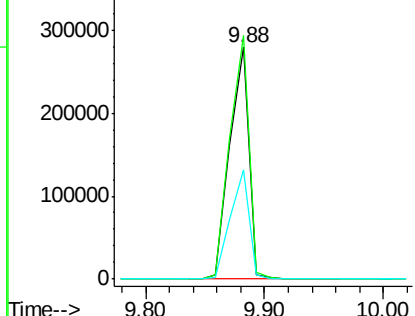


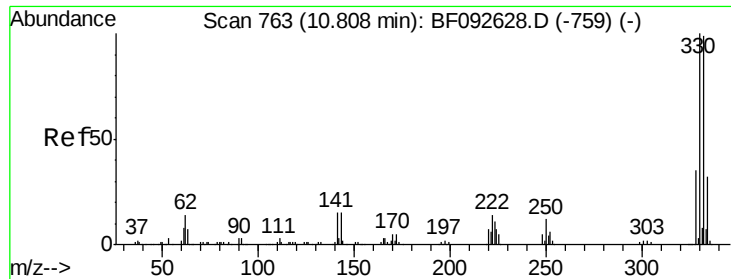
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 9.88 min Scan# 682
 Delta R.T. -0.01 min
 Lab File: BF093115.D
 Acq: 23 Feb 2017 20:17

Tgt Ion: 164 Resp: 311533
 Ion Ratio Lower Upper
 164 100
 162 105.0 80.2 120.2
 160 46.9 36.9 55.3



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

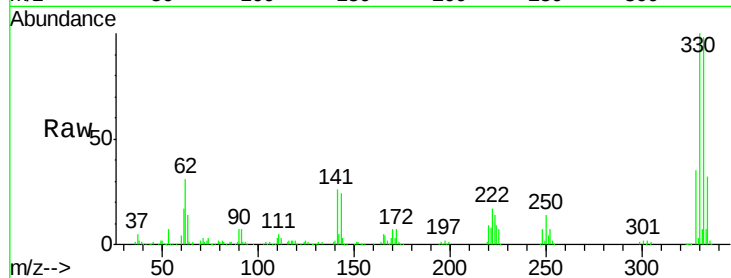




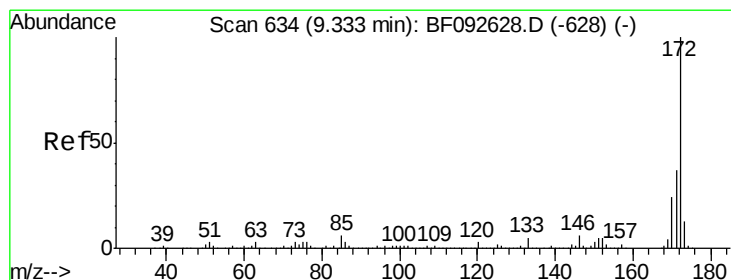
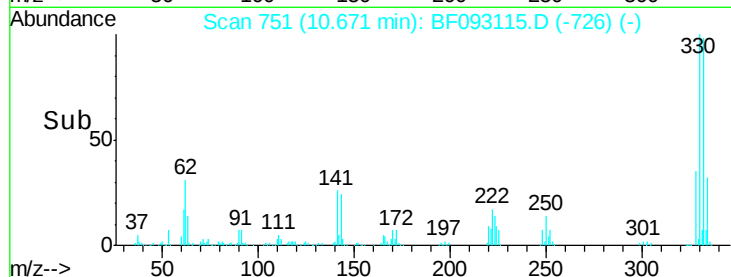
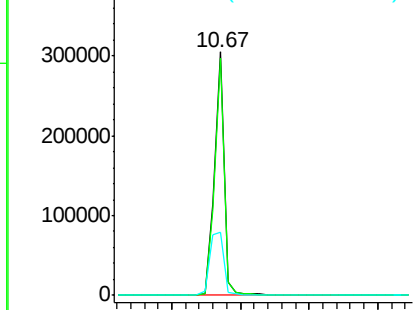
#41
 2,4,6-Tribromophenol
 Concen: 137.96 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.01 min
 Lab File: BF093115.D
 Acq: 23 Feb 2017 20:17

Instrument :
 BNA_F
 ClientSampleId :
 CLP-B-01(10-15)

Tgt Ion:330 Resp: 310845
 Ion Ratio Lower Upper
 330 100
 332 96.1 77.4 116.2
 141 37.0 34.1 51.1

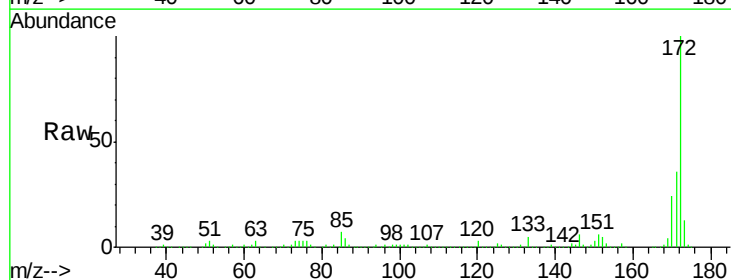


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

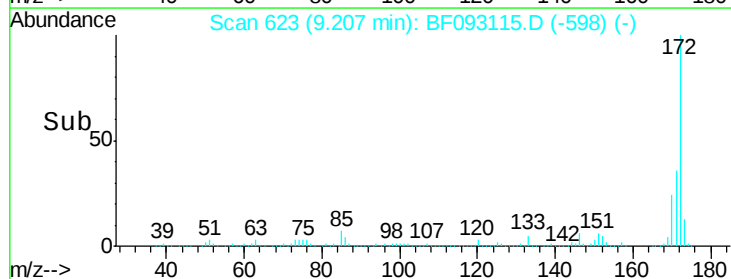
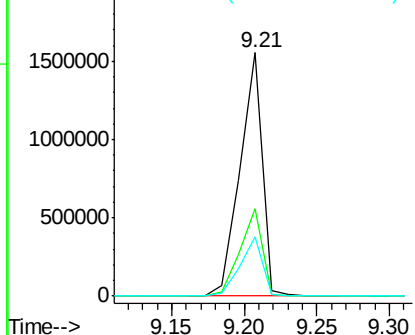


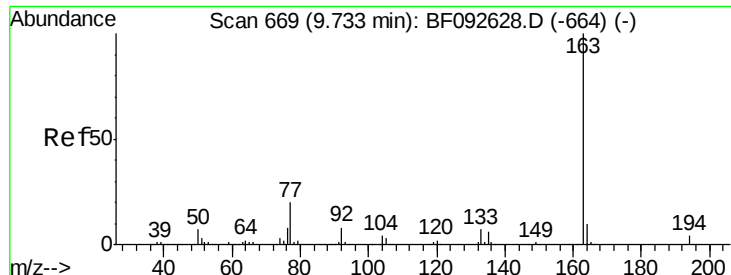
#44
 2-Fluorobiphenyl
 Concen: 96.17 ng
 RT: 9.21 min Scan# 623
 Delta R.T. -0.01 min
 Lab File: BF093115.D
 Acq: 23 Feb 2017 20:17

Tgt Ion:172 Resp: 1653800
 Ion Ratio Lower Upper
 172 100
 171 36.0 29.4 44.0
 170 24.2 20.2 30.4



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: 8.17 ng

RT: 9.60 min Scan# 657

Delta R.T. -0.02 min

Lab File: BF093115.D

Acq: 23 Feb 2017 20:17

Instrument :

BNA_F

ClientSampleId :

CLP-B-01(10-15)

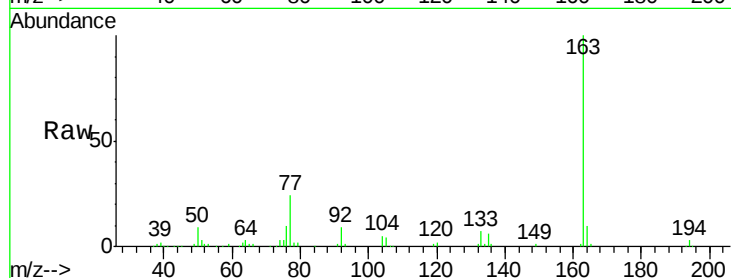
Tgt Ion:163 Resp: 171429

Ion Ratio Lower Upper

163 100

194 2.9 3.0 4.4#

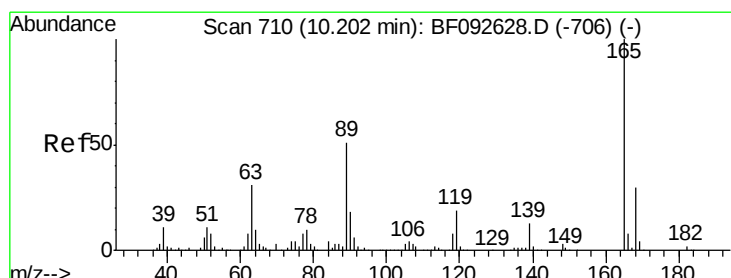
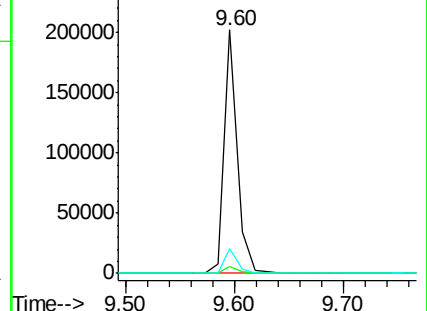
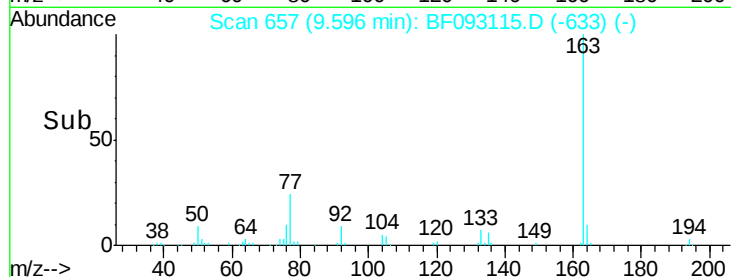
164 10.0 8.0 12.0



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: 6.70 ng

RT: 9.88 min Scan# 682

Delta R.T. -0.21 min

Lab File: BF093115.D

Acq: 23 Feb 2017 20:17

Tgt Ion:165 Resp: 40406

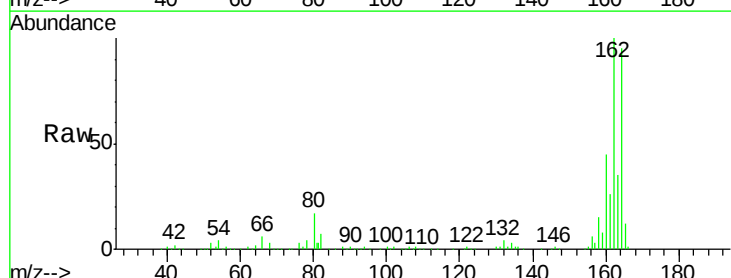
Ion Ratio Lower Upper

165 100

63 1.8 40.2 60.4#

89 1.2 62.5 93.7#

182 0.0 1.8 2.8#

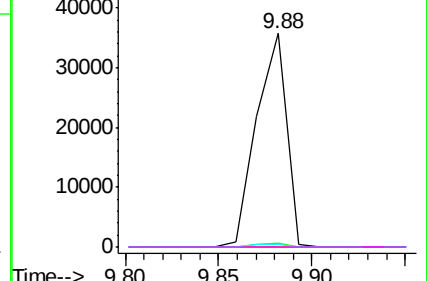
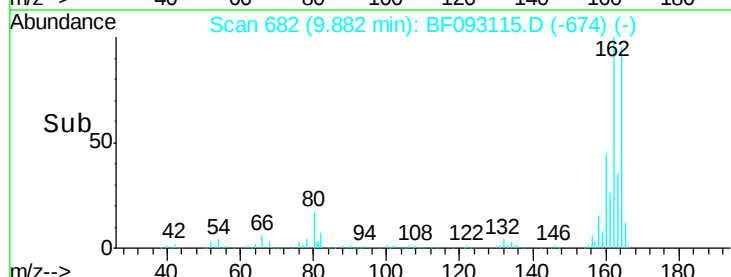


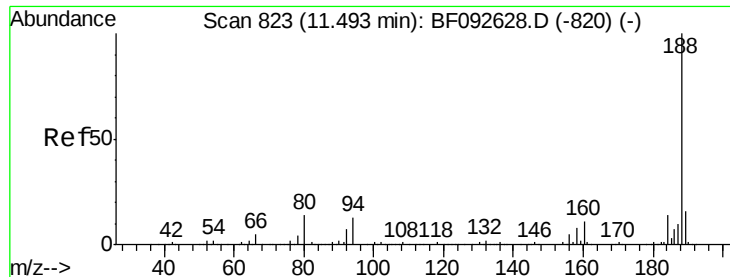
Abundance Ion 165.00 (164.70 to 165.70): E

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

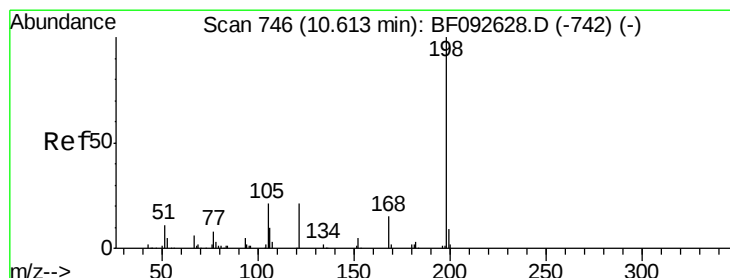
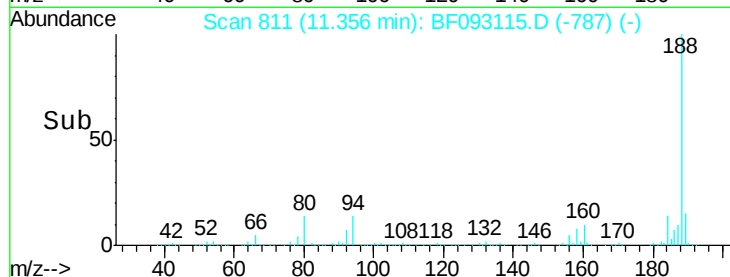
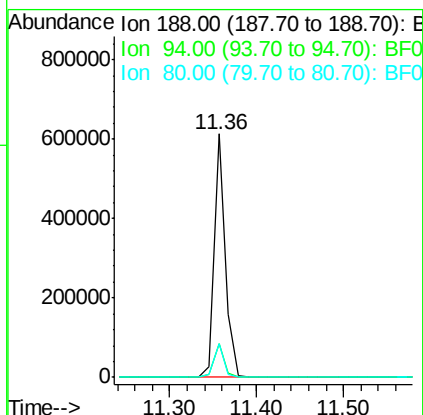
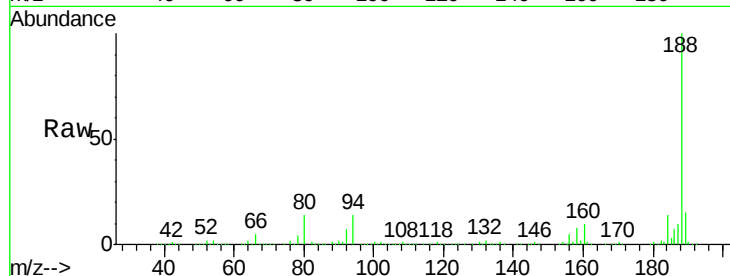




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.36 min Scan# 811
Delta R.T. -0.02 min
Lab File: BF093115.D
Acq: 23 Feb 2017 20:17

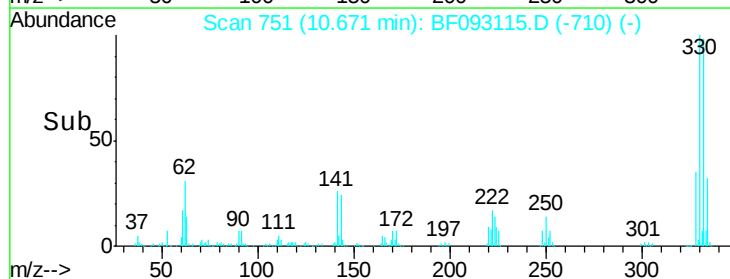
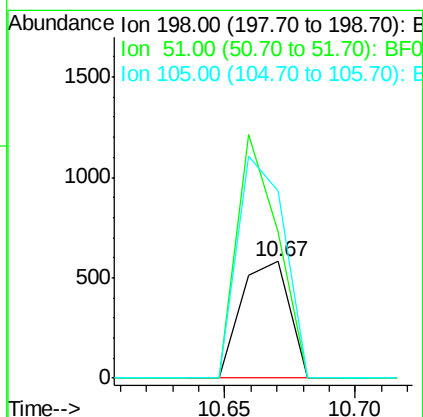
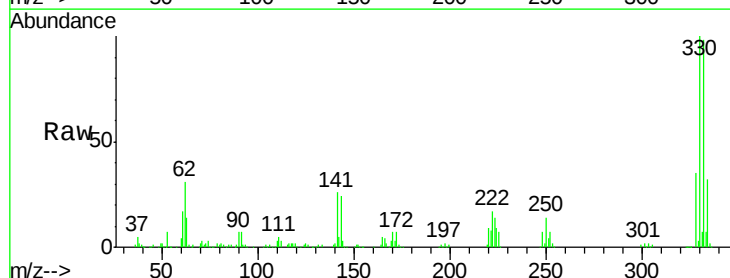
Instrument :
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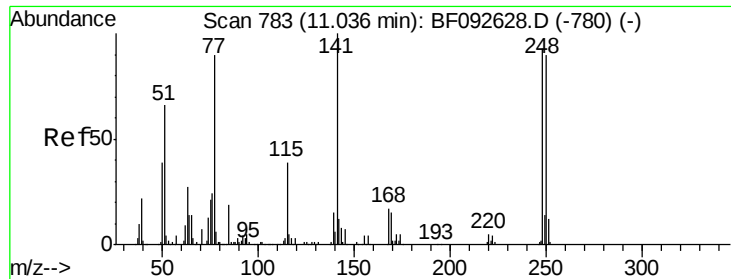
Tgt Ion:188 Resp: 559843
Ion Ratio Lower Upper
188 100
94 13.6 10.0 15.0
80 14.1 11.2 16.8



#64
4,6-Dinitro-2-methylphenol
Concen: 2.88 ng
RT: 10.67 min Scan# 751
Delta R.T. 0.17 min
Lab File: BF093115.D
Acq: 23 Feb 2017 20:17

Tgt Ion:198 Resp: 749
Ion Ratio Lower Upper
198 100
51 125.7 6.7 46.7#
105 161.2 16.6 56.6#

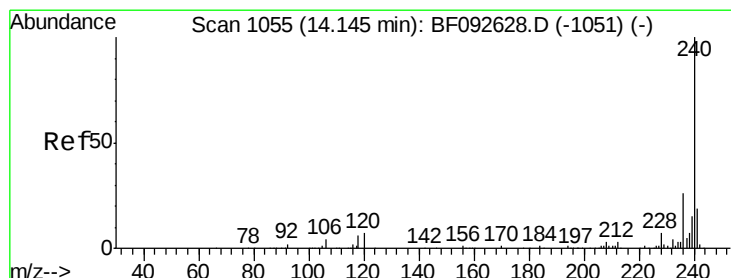
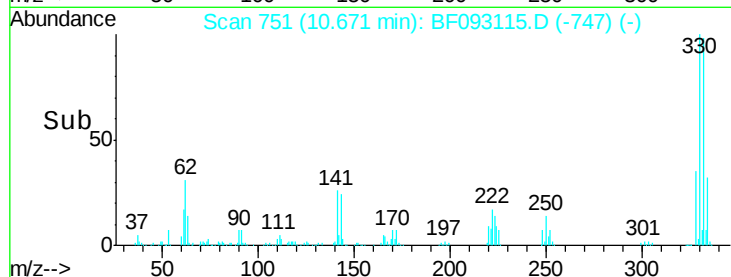
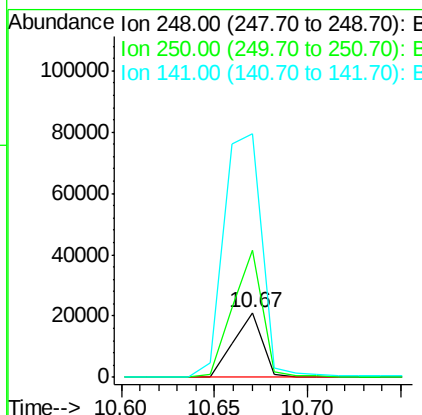
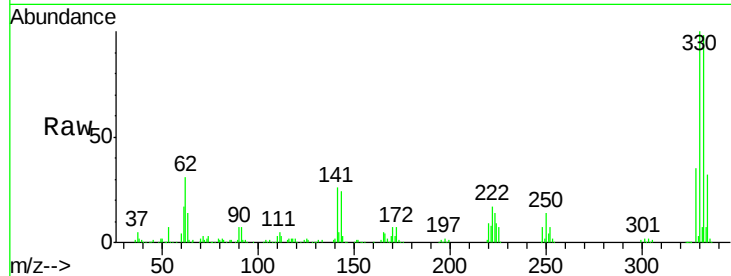




#66
 4-Bromophenyl-phenylether
 Concen: 3.93 ng
 RT: 10.67 min Scan# 751
 Delta R.T. -0.25 min
 Lab File: BF093115.D
 Acq: 23 Feb 2017 20:17

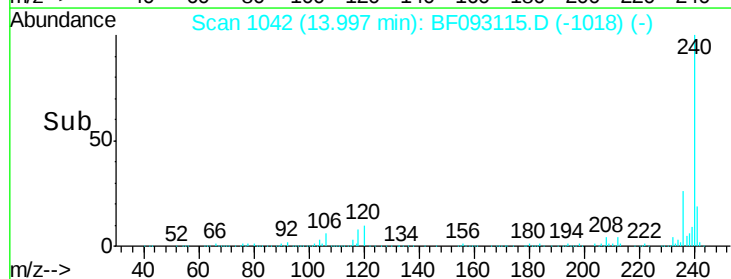
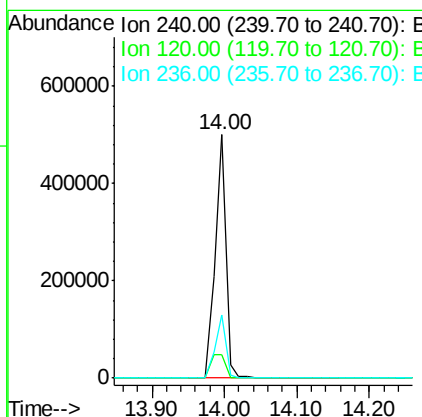
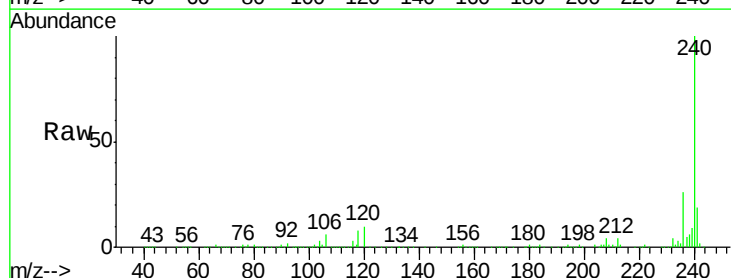
Instrument :
 BNA_F
 ClientSampleId :
 CLP-B-01(10-15)

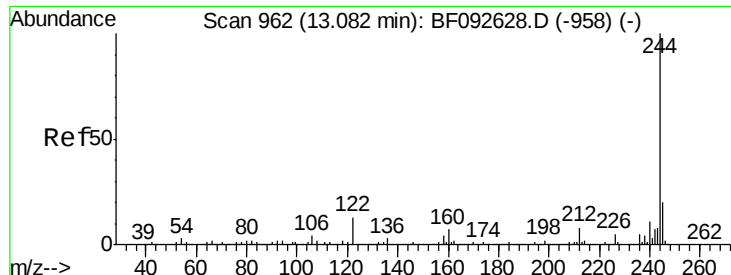
Tgt Ion:248 Resp: 22967
 Ion Ratio Lower Upper
 248 100
 250 198.1 76.9 115.3#
 141 377.5 68.2 102.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.00 min Scan# 1042
 Delta R.T. -0.02 min
 Lab File: BF093115.D
 Acq: 23 Feb 2017 20:17

Tgt Ion:240 Resp: 515067
 Ion Ratio Lower Upper
 240 100
 120 9.6 12.9 19.3#
 236 25.9 20.9 31.3

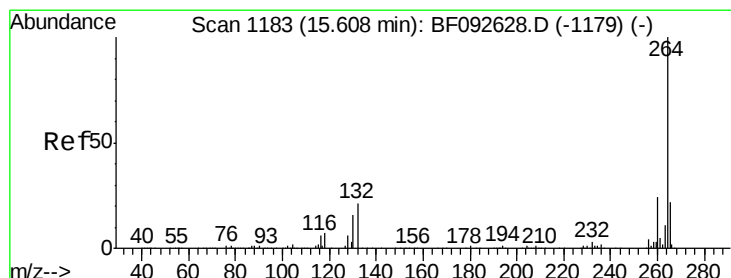
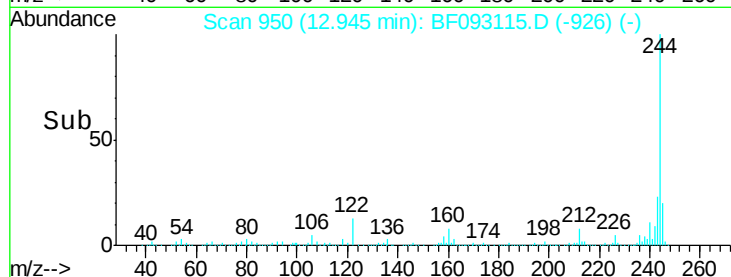
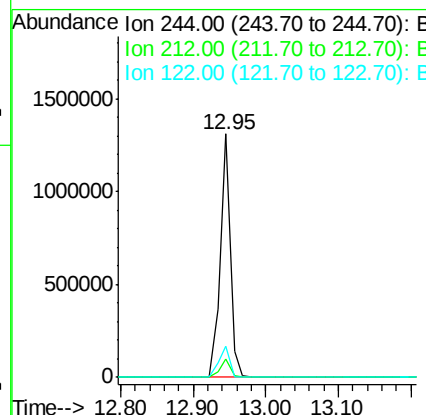
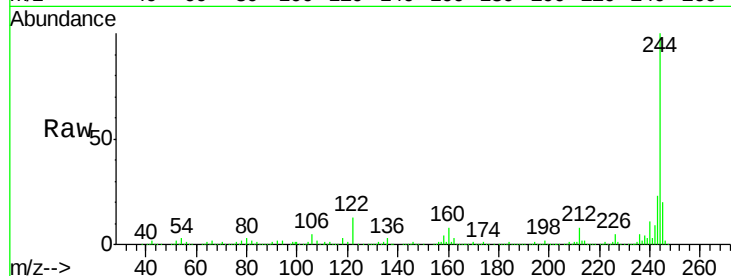




#78
 Terphenyl-d14
 Concen: 57.72 ng
 RT: 12.95 min Scan# 950
 Delta R.T. -0.02 min
 Lab File: BF093115.D
 Acq: 23 Feb 2017 20:17

Instrument :
 BNA_F
 ClientSampleId :
 CLP-B-01(10-15)

Tgt Ion:244 Resp: 1265300
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 12.8 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.41 min Scan# 1166
 Delta R.T. -0.03 min
 Lab File: BF093115.D
 Acq: 23 Feb 2017 20:17

Tgt Ion:264 Resp: 374031
 Ion Ratio Lower Upper
 264 100
 260 24.4 19.2 28.8
 265 22.5 17.4 26.0

