

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF030317\
 Data File : BF093364.D
 Acq On : 3 Mar 2017 17:49
 Operator : SJ/MA
 Sample : PB97311BL
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB97311BL

Quant Time: Mar 03 22:11:42 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

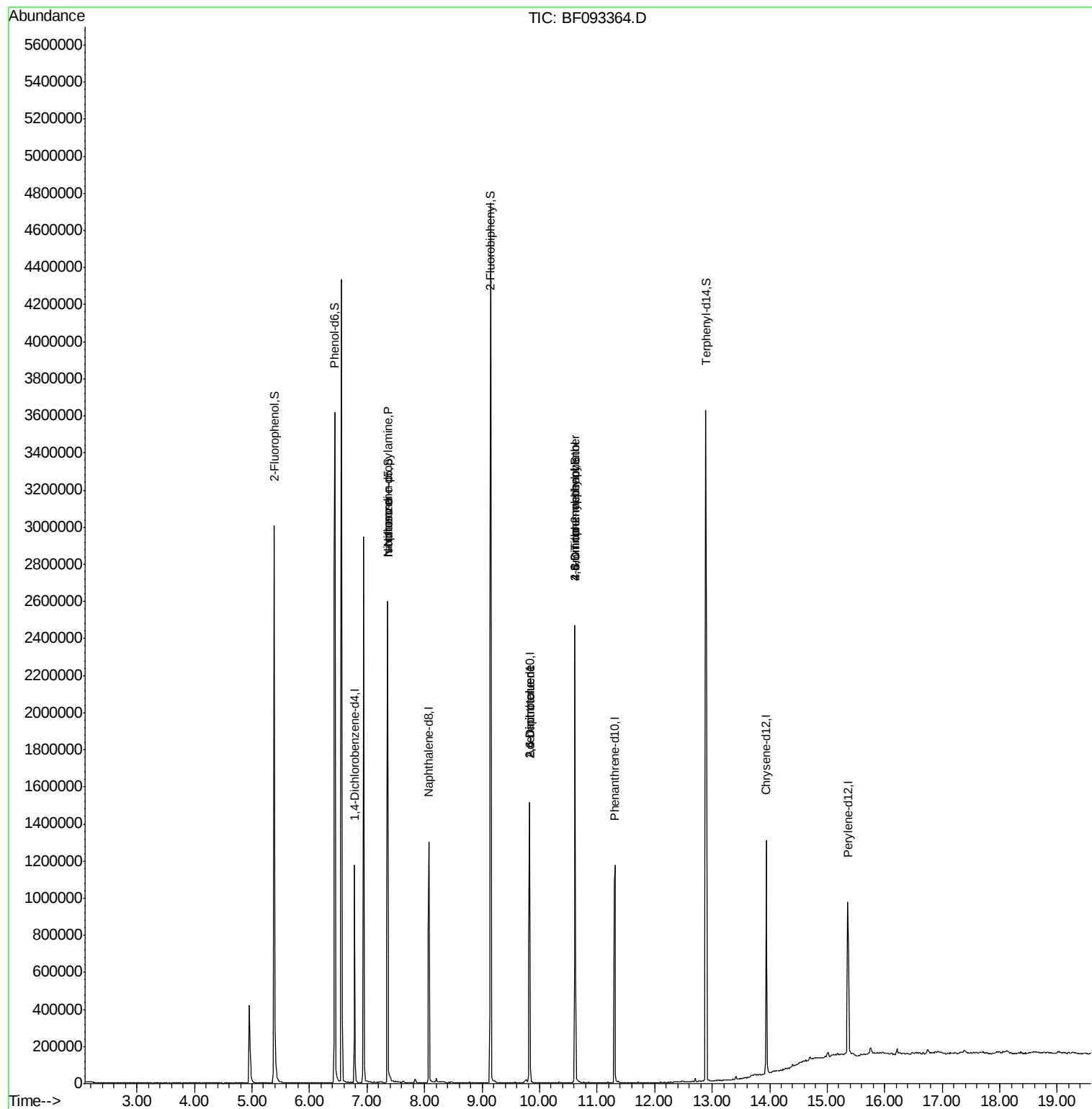
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	180908	20.00	ng	-0.07
21) Naphthalene-d8	8.08	136	755964	20.00	ng	-0.07
38) Acenaphthene-d10	9.82	164	349728	20.00	ng	-0.07
63) Phenanthrene-d10	11.31	188	645422	20.00	ng	-0.07
75) Chrysene-d12	13.94	240	542545	20.00	ng	-0.08
86) Perylene-d12	15.36	264	384786	20.00	ng	-0.09
System Monitoring Compounds						
5) 2-Fluorophenol	5.39	112	1273989	120.82	ng	-0.06
7) Phenol-d6	6.44	99	1742938	128.46	ng	-0.05
23) Nitrobenzene-d5	7.36	82	981283	72.29	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	304285	120.30	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	1774277	91.91	ng	-0.07
78) Terphenyl-d14	12.89	244	1563685	67.72	ng	-0.08
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.36	70	127436	14.75	ng	# 83
25) Isophorone	7.36	82	797009	31.51	ng	# 65
50) 2,6-Dinitrotoluene	9.82	165	42671	8.39	ng	# 32
56) 2,4-Dinitrotoluene	9.82	165	42671	6.30	ng	# 21
64) 4,6-Dinitro-2-methylphenol	10.61	198	596	2.81	ng	# 1
66) 4-Bromophenyl-phenylether	10.61	248	21748	3.23	ng	# 1

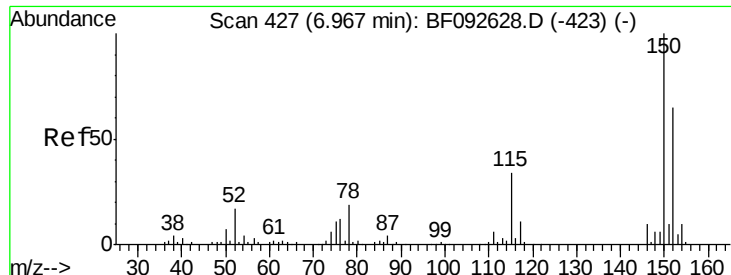
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF093364.D

Acq: 3 Mar 2017 17:49

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BNA_F

ClientSampleId :

PB97311BL

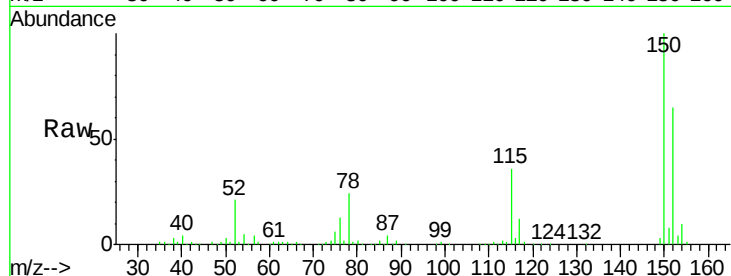
Tgt Ion:152 Resp: 180908

Ion Ratio Lower Upper

152 100

150 154.8 124.9 187.3

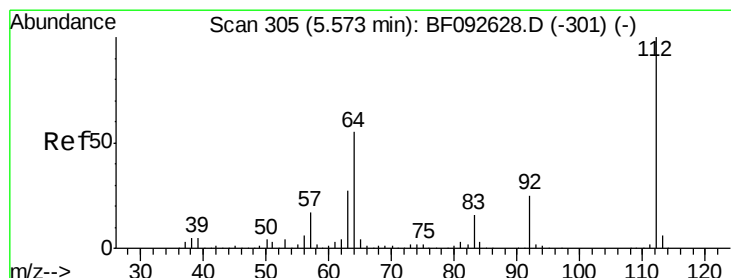
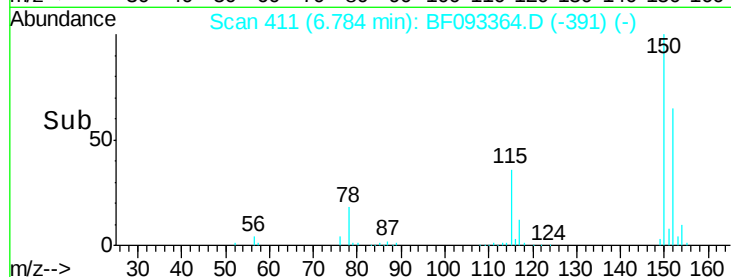
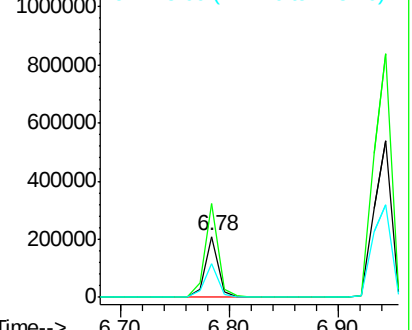
115 56.1 46.0 69.0



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: 120.82 ng

RT: 5.39 min Scan# 289

Delta R.T. -0.06 min

Lab File: BF093364.D

Acq: 3 Mar 2017 17:49

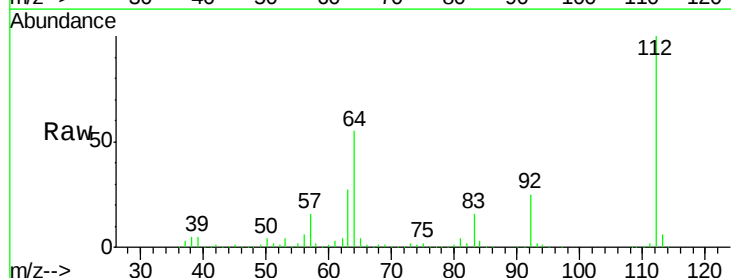
Tgt Ion:112 Resp: 1273989

Ion Ratio Lower Upper

112 100

64 54.7 46.1 69.1

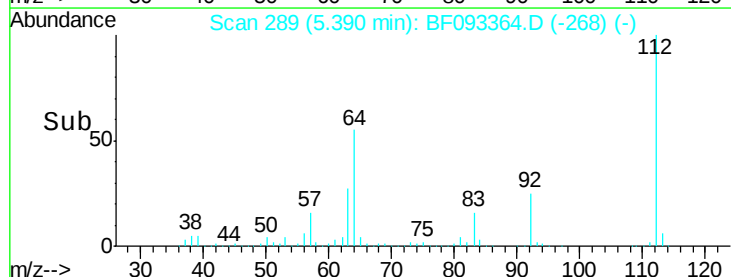
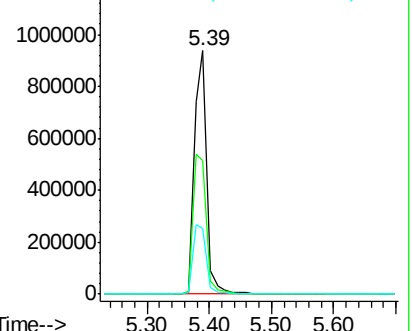
63 27.1 23.8 35.6



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

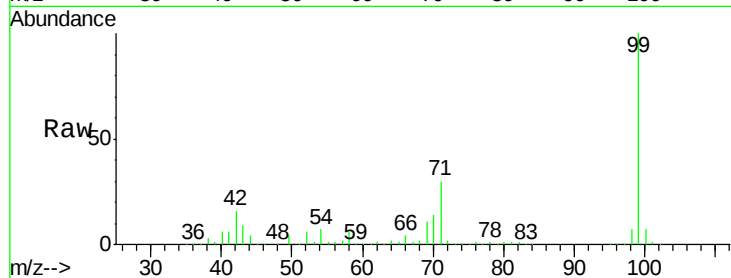




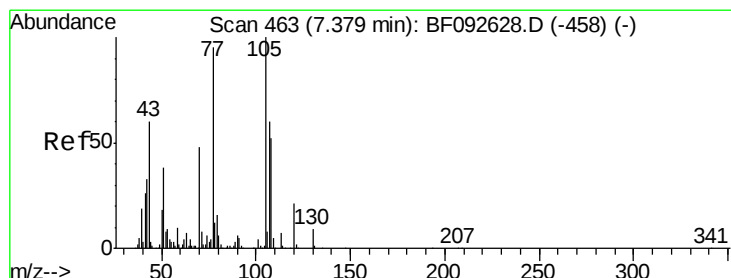
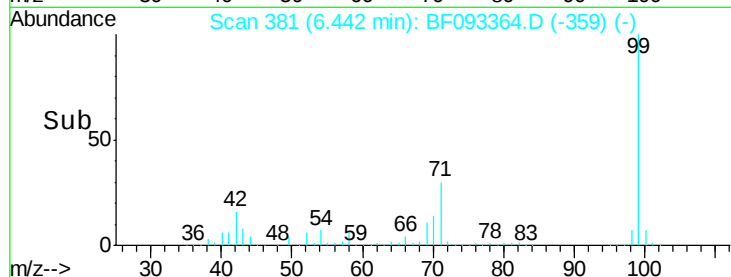
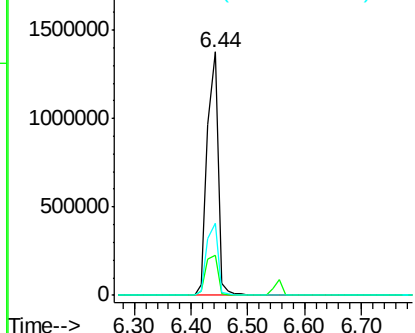
#7
 Phenol-d6
 Concen: 128.46 ng
 RT: 6.44 min Scan# 381
 Delta R.T. -0.05 min
 Lab File: BF093364.D
 Acq: 3 Mar 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB97311BL

Tgt Ion: 99 Resp: 1742938
 Ion Ratio Lower Upper
 99 100
 42 16.3 15.6 23.4
 71 29.8 27.5 41.3

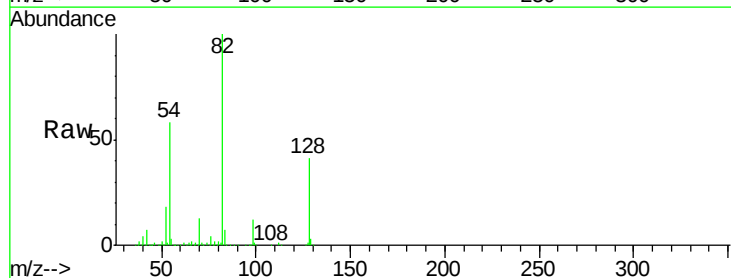


Abundance Ion 99.00 (98.70 to 99.70): BF0
 Ion 42.00 (41.70 to 42.70): BF0
 Ion 71.00 (70.70 to 71.70): BF0

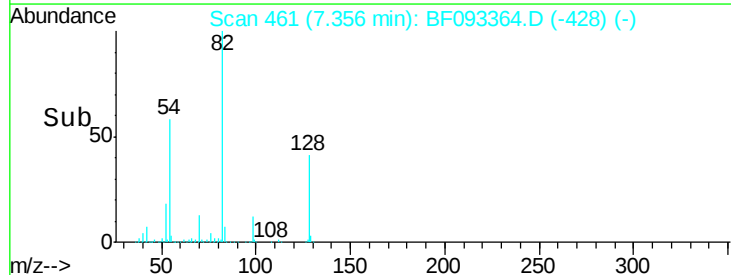
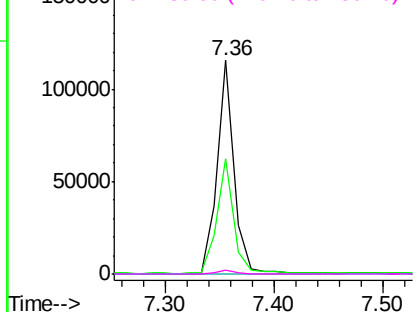


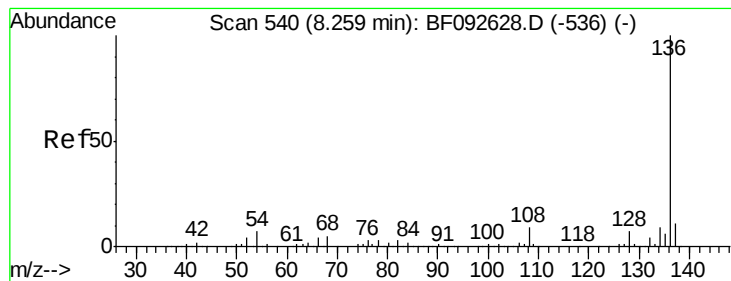
#19
 n-Nitroso-di-n-propylamine
 Concen: 14.75 ng
 RT: 7.36 min Scan# 461
 Delta R.T. 0.08 min
 Lab File: BF093364.D
 Acq: 3 Mar 2017 17:49

Tgt Ion: 70 Resp: 127436
 Ion Ratio Lower Upper
 70 100
 42 54.0 49.4 74.0
 101 0.0 7.4 11.2#
 130 2.0 14.2 21.4#



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: 8.08 min Scan# 524

Delta R.T. -0.07 min

Lab File: BF093364.D

Acq: 3 Mar 2017 17:49

Instrument :

BNA_F

ClientSampleId :

PB97311BL

Tgt Ion:136 Resp: 755964

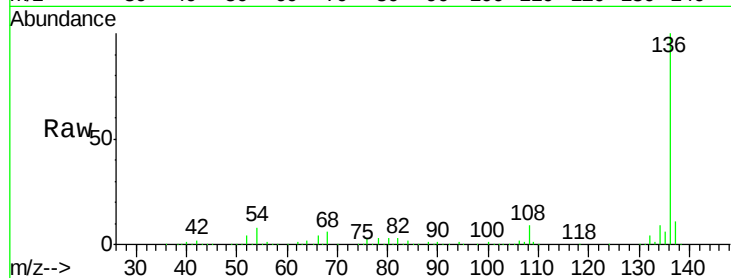
Ion Ratio Lower Upper

136 100

137 10.8 8.4 12.6

54 8.0 4.5 6.7#

68 5.9 3.6 5.4#

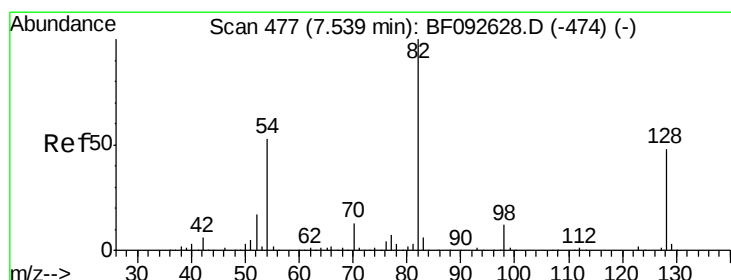
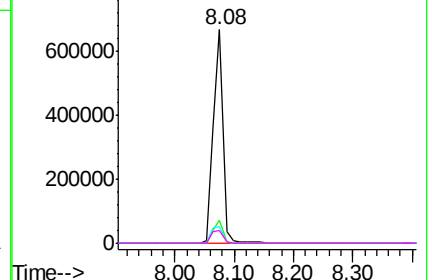
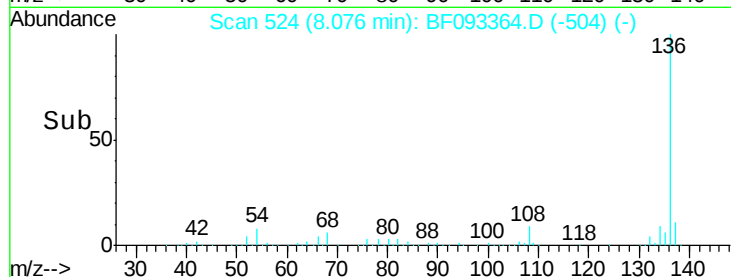


Abundance Ion 136.00 (135.70 to 136.70): E

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: 72.29 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.07 min

Lab File: BF093364.D

Acq: 3 Mar 2017 17:49

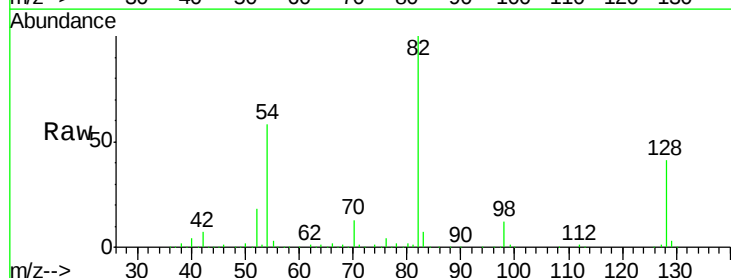
Tgt Ion: 82 Resp: 981283

Ion Ratio Lower Upper

82 100

128 41.4 34.6 52.0

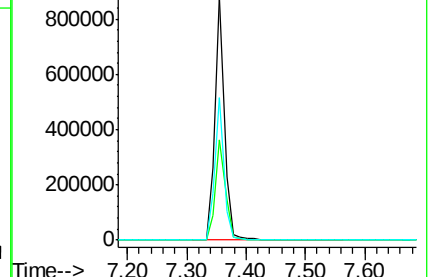
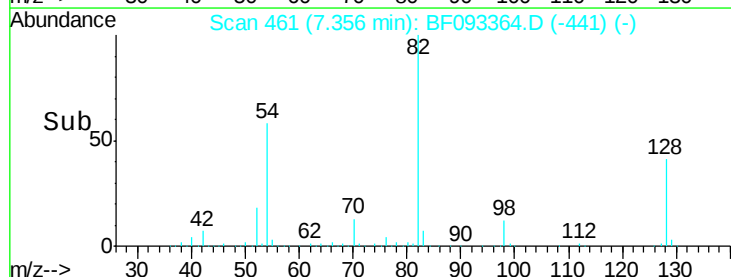
54 58.3 39.5 59.3

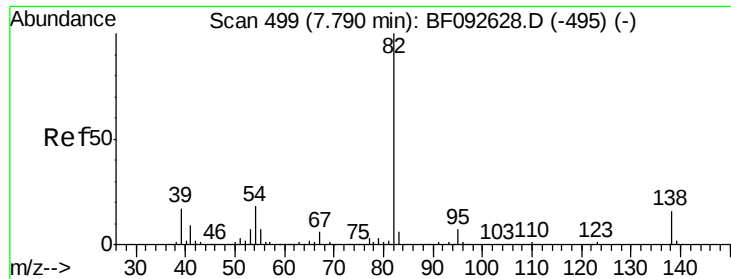


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0

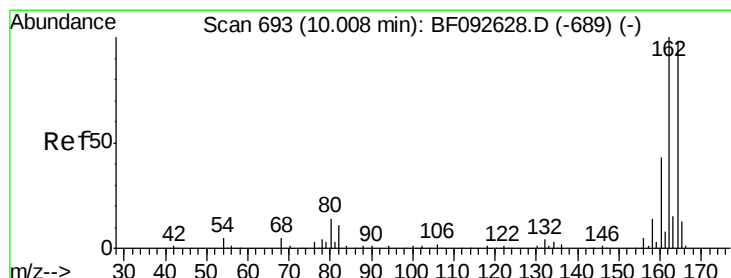
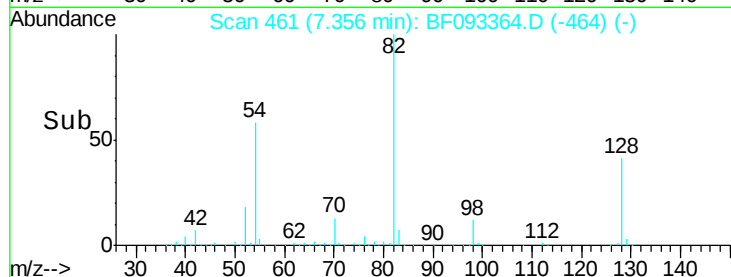
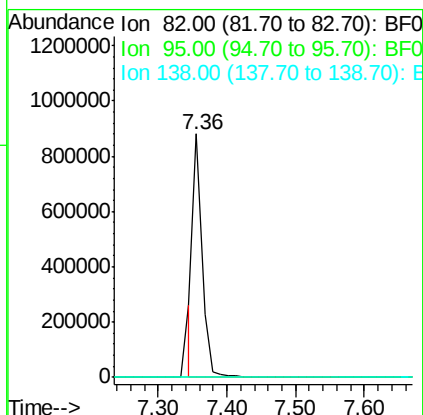
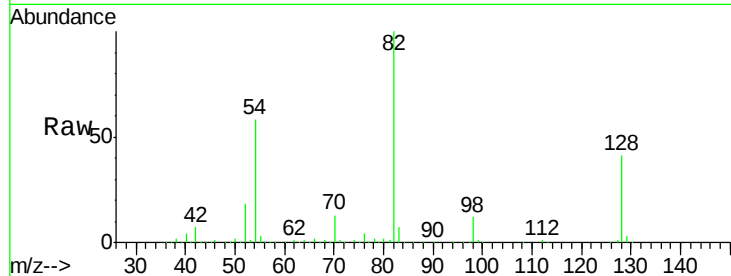




#25
Isophorone
Concen: 31.51 ng
RT: 7.36 min Scan# 461
Delta R.T. -0.33 min
Lab File: BF093364.D
Acq: 3 Mar 2017 17:49

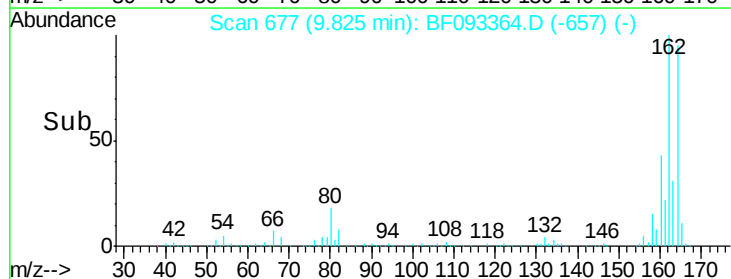
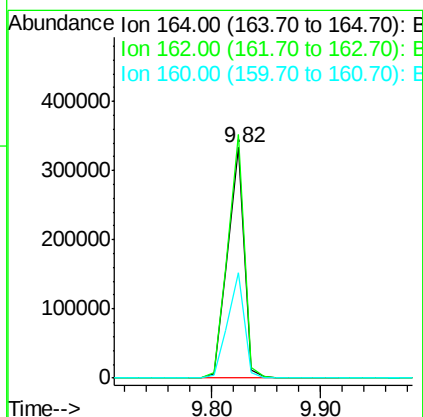
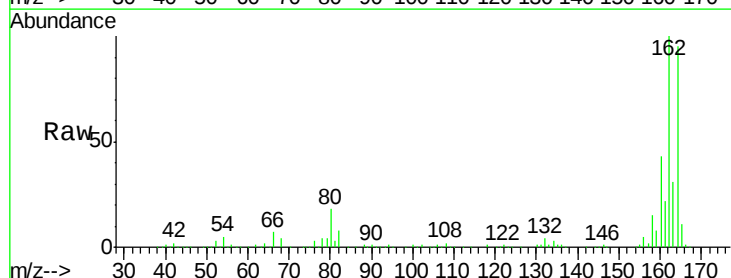
Instrument :
BNA_F
ClientSampleId :
PB97311BL

Tgt Ion: 82 Resp: 797009
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF093364.D
Acq: 3 Mar 2017 17:49

Tgt Ion: 164 Resp: 349728
Ion Ratio Lower Upper
164 100
162 105.7 80.2 120.2
160 45.8 36.9 55.3

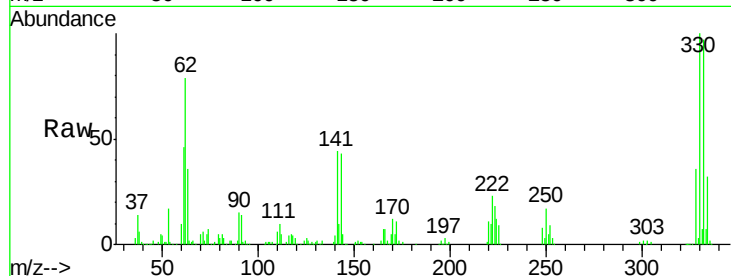




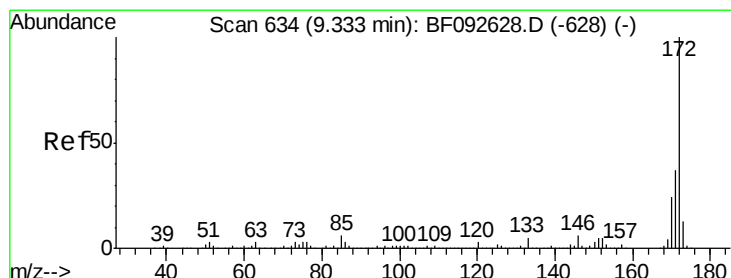
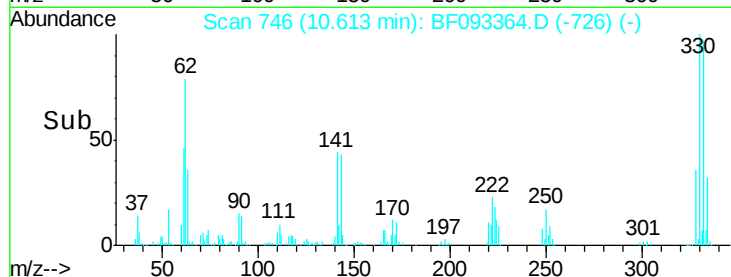
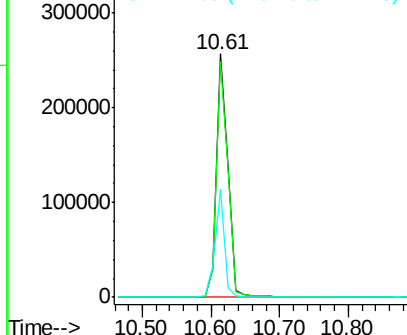
#41
 2,4,6-Tribromophenol
 Concen: 120.30 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF093364.D
 Acq: 3 Mar 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB97311BL

Tgt Ion:330 Resp: 304285
 Ion Ratio Lower Upper
 330 100
 332 97.5 77.4 116.2
 141 36.9 34.1 51.1

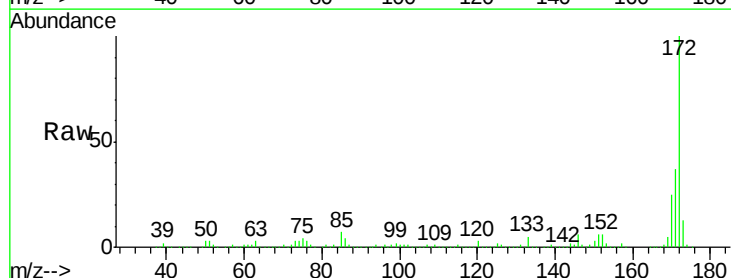


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

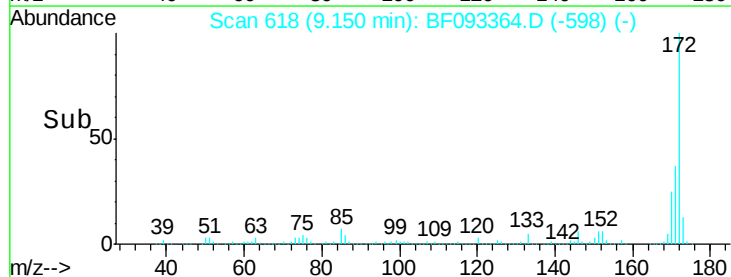
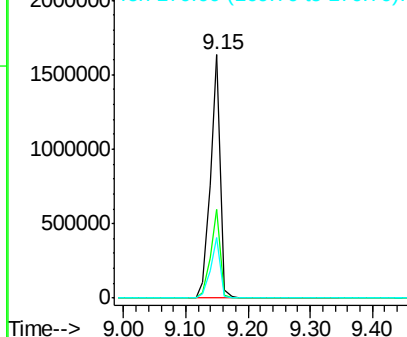


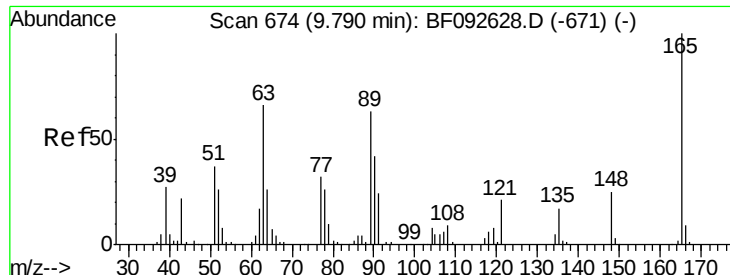
#44
 2-Fluorobiphenyl
 Concen: 91.91 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF093364.D
 Acq: 3 Mar 2017 17:49

Tgt Ion:172 Resp: 1774277
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.7 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

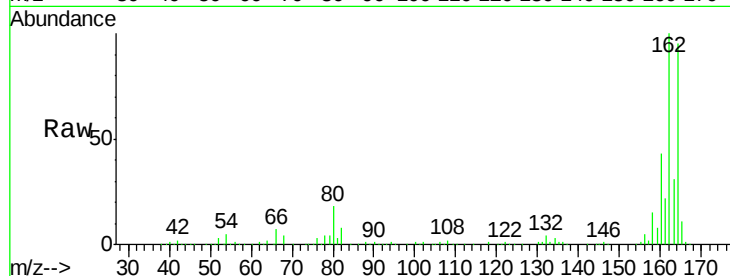




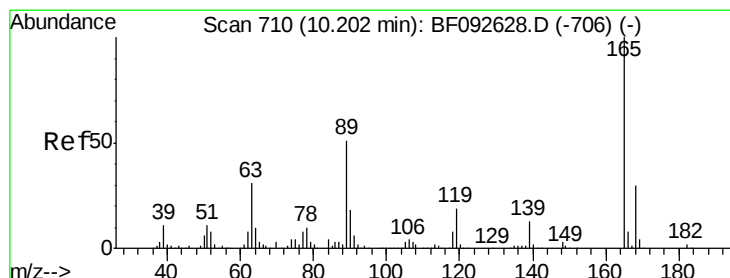
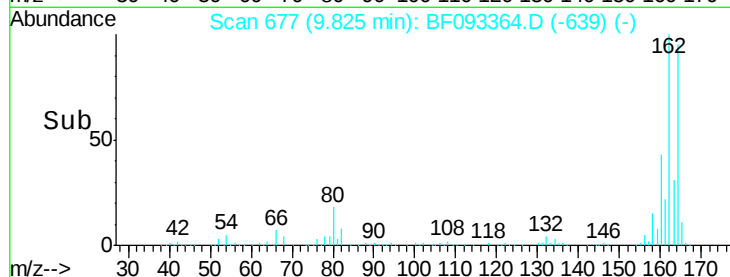
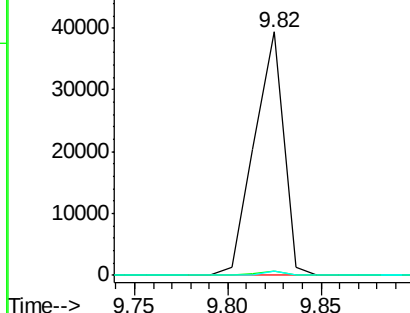
#50
 2,6-Dinitrotoluene
 Concen: 8.39 ng
 RT: 9.82 min Scan# 677
 Delta R.T. 0.14 min
 Lab File: BF093364.D
 Acq: 3 Mar 2017 17:49

Instrument :
 BNA_F
 ClientSampleId :
 PB97311BL

Tgt Ion:165 Resp: 42671
 Ion Ratio Lower Upper
 165 100
 63 2.0 36.2 54.4#
 89 1.8 40.2 60.4#

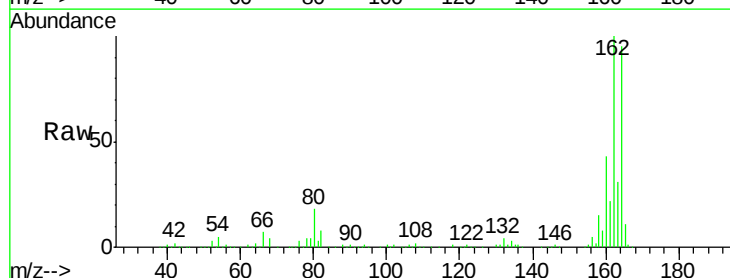


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0

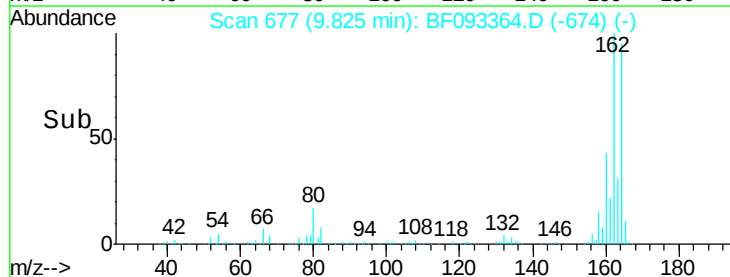
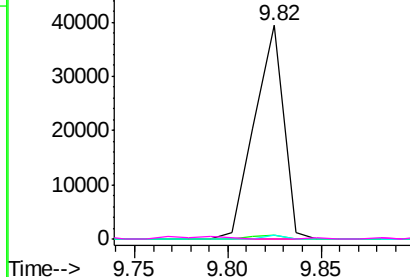


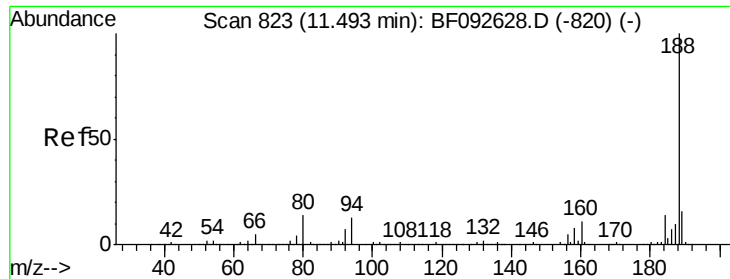
#56
 2,4-Dinitrotoluene
 Concen: 6.30 ng
 RT: 9.82 min Scan# 677
 Delta R.T. -0.26 min
 Lab File: BF093364.D
 Acq: 3 Mar 2017 17:49

Tgt Ion:165 Resp: 42671
 Ion Ratio Lower Upper
 165 100
 63 2.0 40.2 60.4#
 89 1.8 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

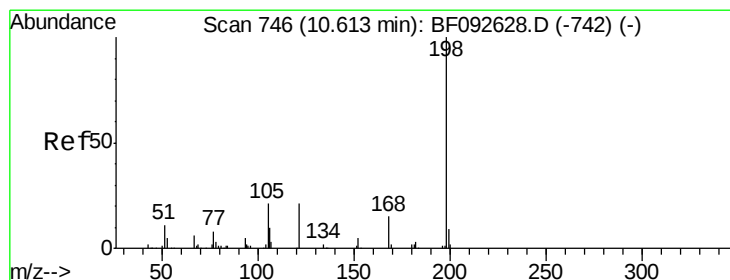
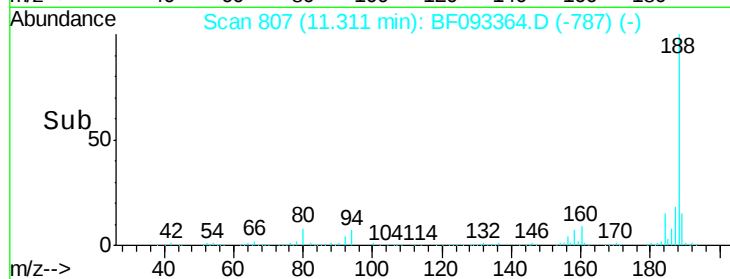
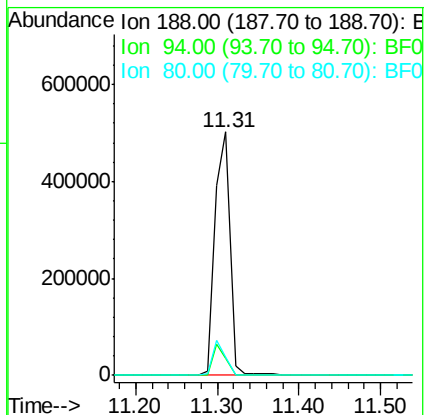
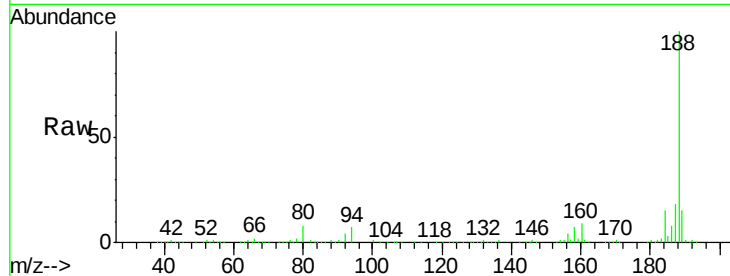




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.31 min Scan# 807
Delta R.T. -0.07 min
Lab File: BF093364.D
Acq: 3 Mar 2017 17:49

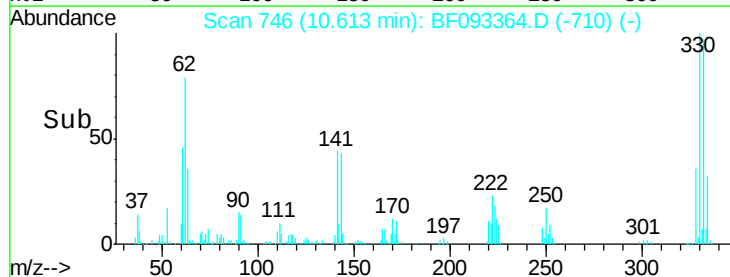
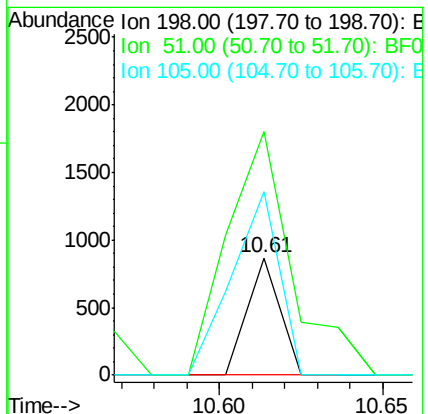
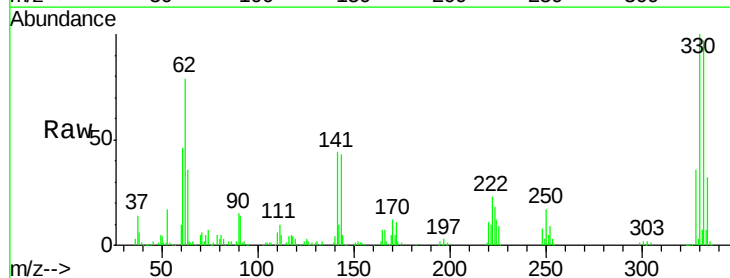
Instrument :
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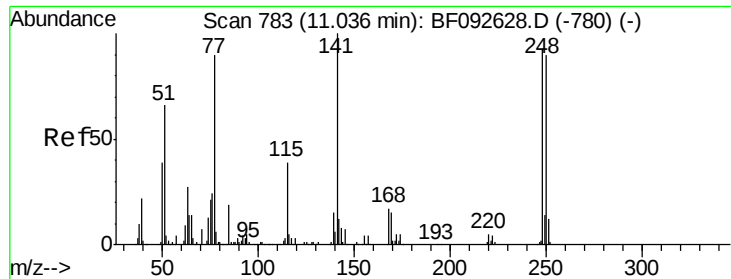
Tgt Ion:188 Resp: 645422
Ion Ratio Lower Upper
188 100
94 7.2 10.0 15.0#
80 7.7 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.81 ng
RT: 10.61 min Scan# 746
Delta R.T. 0.11 min
Lab File: BF093364.D
Acq: 3 Mar 2017 17:49

Tgt Ion:198 Resp: 596
Ion Ratio Lower Upper
198 100
51 207.4 6.7 46.7#
105 156.3 16.6 56.6#





#66

4-Bromophenyl-phenylether

Concen: 3.23 ng

RT: 10.61 min Scan# 746

Delta R.T. -0.31 min

Lab File: BF093364.D

Acq: 3 Mar 2017 17:49

Instrument :

BNA_F

ClientSampleId :

PB97311BL

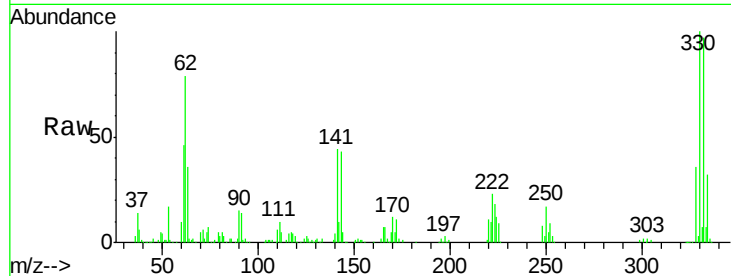
Tgt Ion:248 Resp: 21748

Ion Ratio Lower Upper

248 100

250 199.7 76.9 115.3#

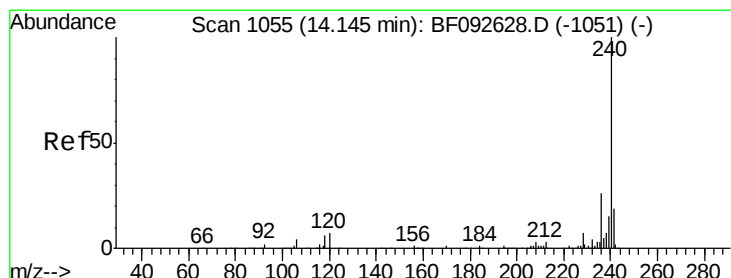
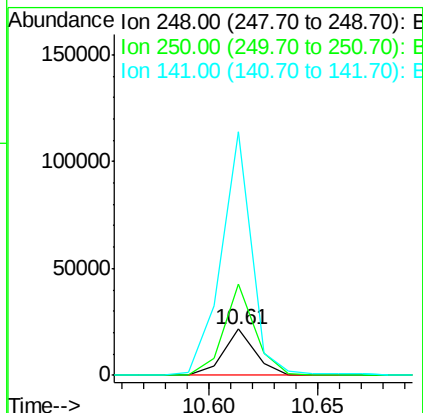
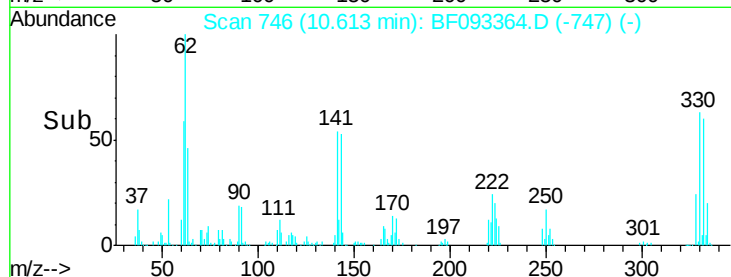
141 529.2 68.2 102.4#



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: 13.94 min Scan# 1037

Delta R.T. -0.08 min

Lab File: BF093364.D

Acq: 3 Mar 2017 17:49

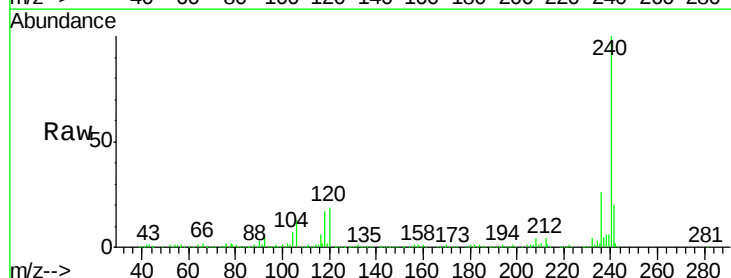
Tgt Ion:240 Resp: 542545

Ion Ratio Lower Upper

240 100

120 18.8 12.9 19.3

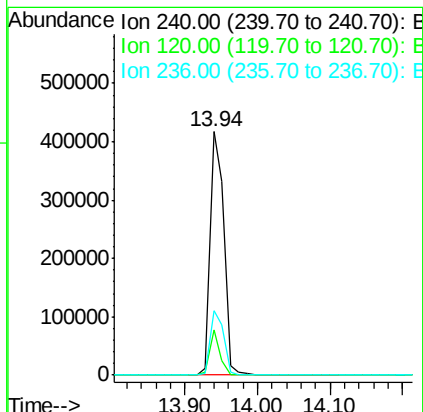
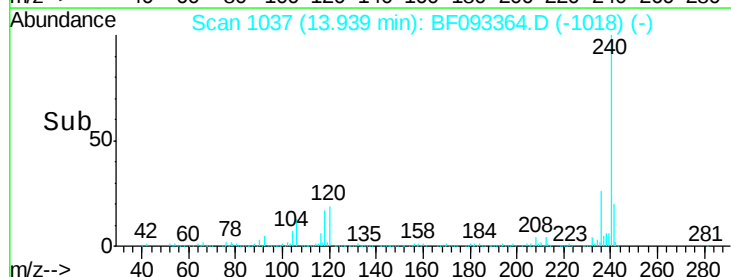
236 26.2 20.9 31.3

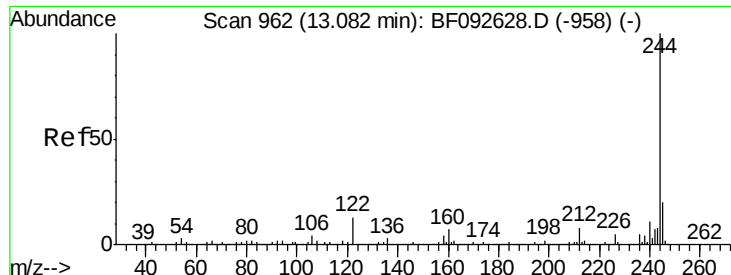


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 67.72 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.08 min

Lab File: BF093364.D

Acq: 3 Mar 2017 17:49

Instrument :

BNA_F

ClientSampleId :

PB97311BL

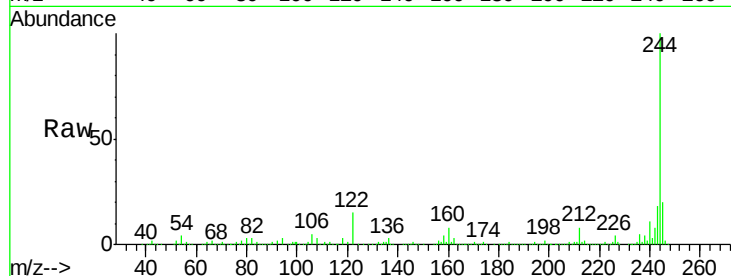
Tgt Ion:244 Resp: 1563685

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

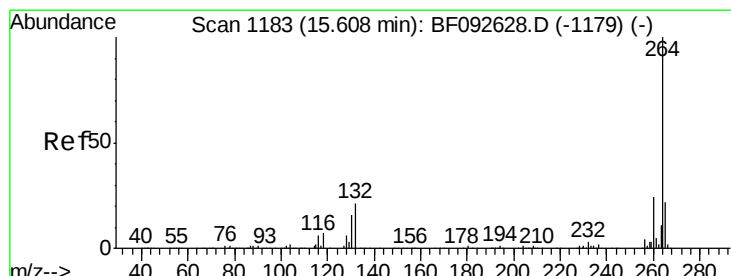
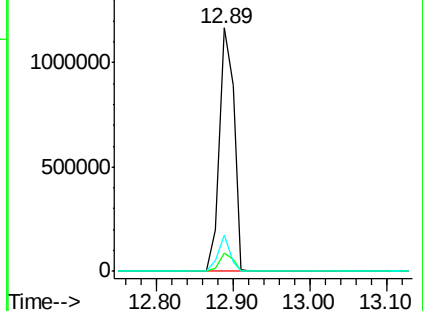
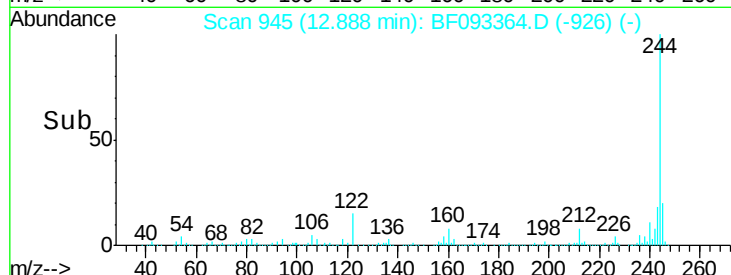
122 14.7 11.4 17.2



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: 15.36 min Scan# 1161

Delta R.T. -0.09 min

Lab File: BF093364.D

Acq: 3 Mar 2017 17:49

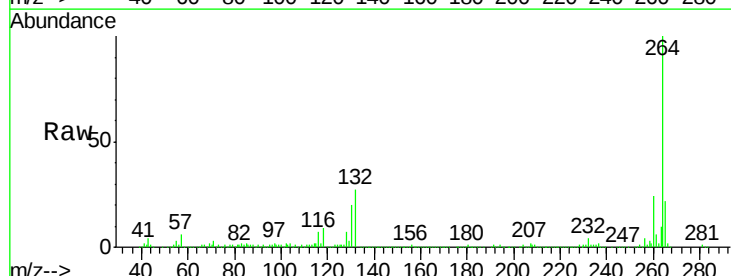
Tgt Ion:264 Resp: 384786

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.2 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

