

Data Path : Z:\HPCHEM1\BNA F\DATA\BF123016\
 Data File : BF092043.D
 Acq On : 30 Dec 2016 13:34
 Operator : UM/SJ
 Sample : PB95699BL
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Dec 30 15:24:00 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

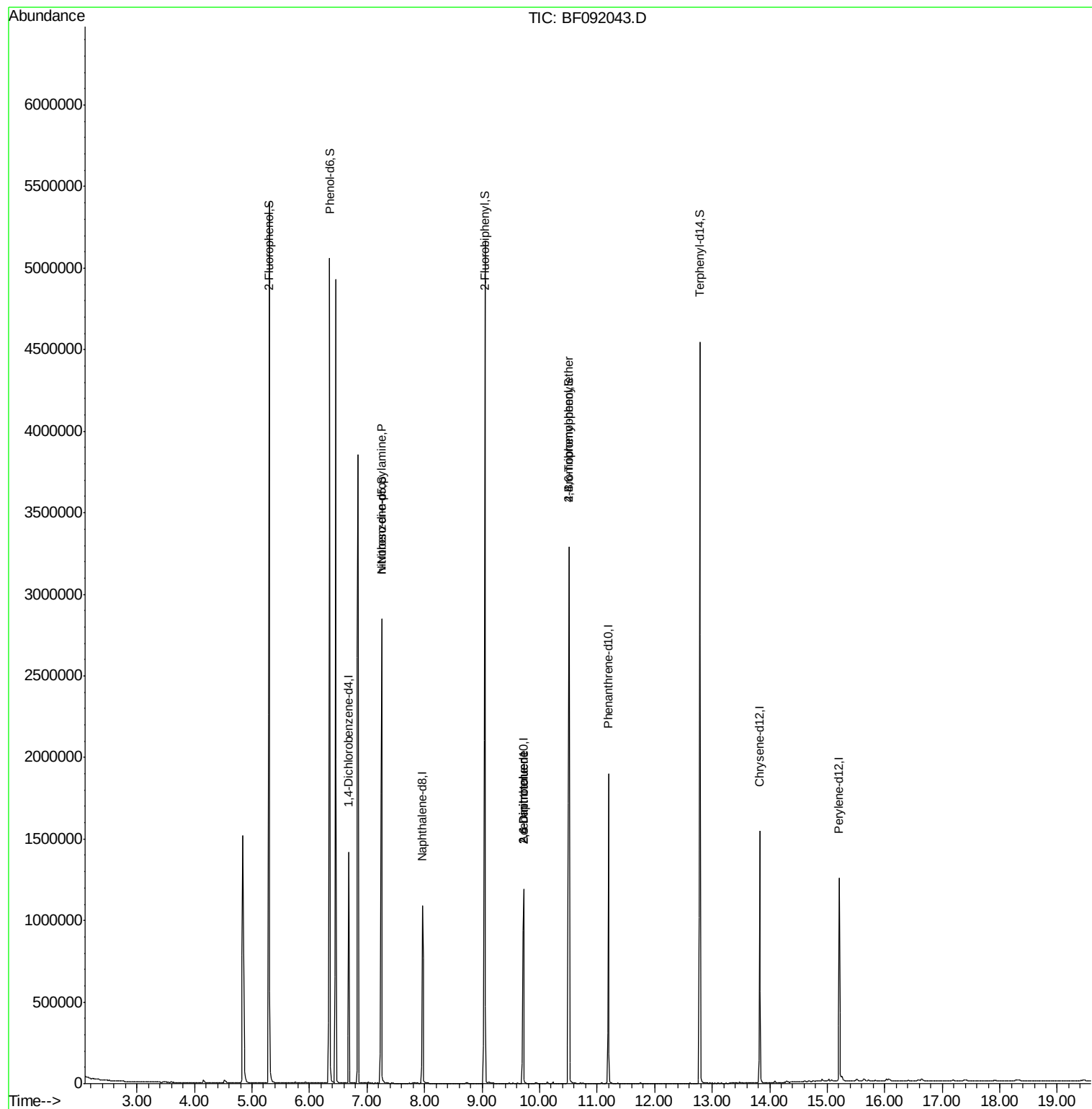
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.68	152	207475	20.00	ng	-0.02
21) Naphthalene-d8	7.96	136	690497	20.00	ng	-0.03
38) Acenaphthene-d10	9.72	164	376916	20.00	ng	-0.03
63) Phenanthrene-d10	11.20	188	663624	20.00	ng	-0.03
75) Chrysene-d12	13.83	240	581866	20.00	ng	-0.05
86) Perylene-d12	15.21	264	532931	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.30	112	1621805	130.52	ng	-0.02
7) Phenol-d6	6.35	99	2218394	146.23	ng	-0.03
23) Nitrobenzene-d5	7.25	82	1198254	96.50	ng	-0.03
41) 2,4,6-Tribromophenol	10.51	330	432431	138.63	ng	-0.03
44) 2-Fluorobiphenyl	9.05	172	1813670	101.02	ng	-0.03
78) Terphenyl-d14	12.79	244	1957856	81.61	ng	-0.03
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.25	70	159475	15.80	ng	# 74
50) 2,6-Dinitrotoluene	9.72	165	49053	9.30	ng	# 29
56) 2,4-Dinitrotoluene	9.72	165	49053	7.41	ng	# 18
66) 4-Bromophenyl-phenylether	10.51	248	29550	4.28	ng	# 1
73) Di-n-butylphthalate	11.77	149	1066	Below Cal		# 76

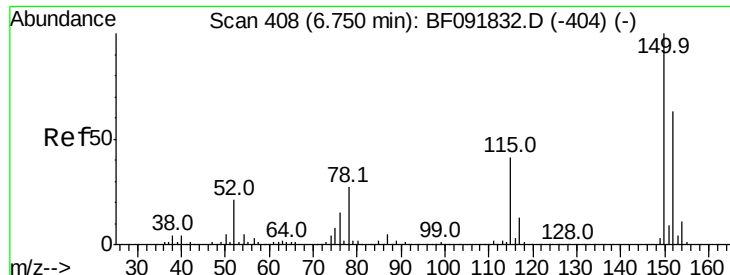
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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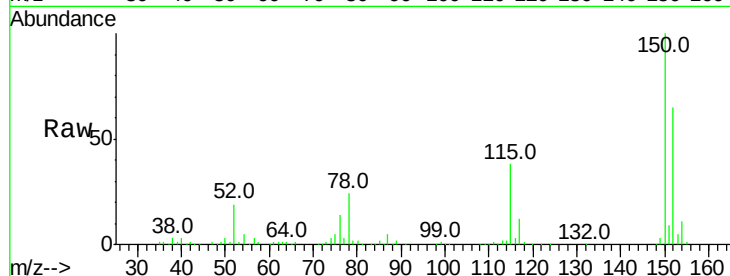


#1

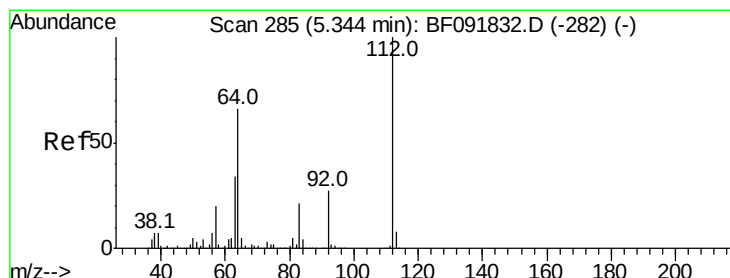
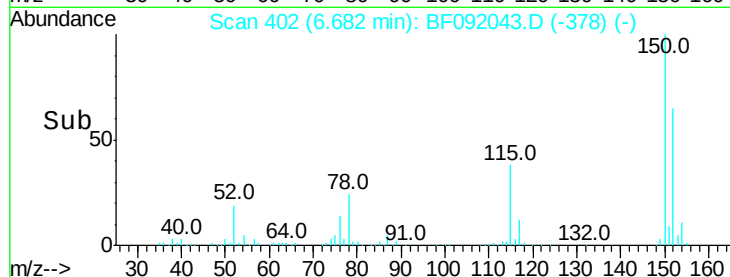
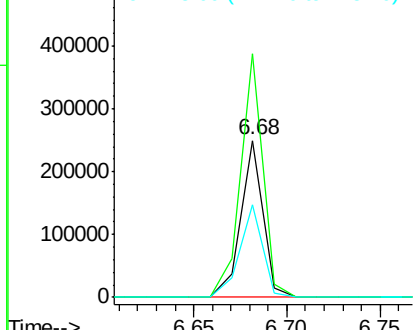
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.68 min Scan# 402
Delta R.T. -0.02 min
Lab File: BF092043.D
Acq: 30 Dec 2016 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 207475
Ion Ratio Lower Upper
152 100
150 155.0 124.9 187.3
115 58.9 46.0 69.0



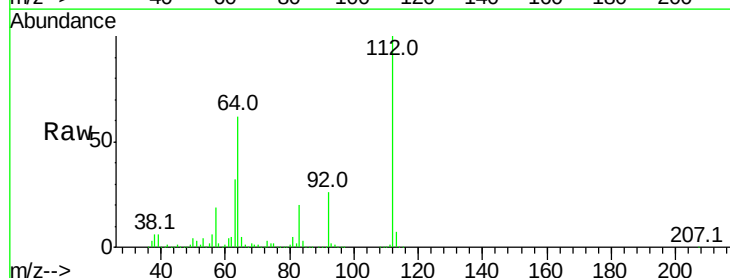
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



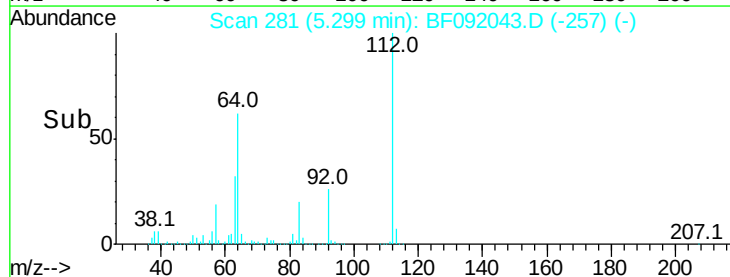
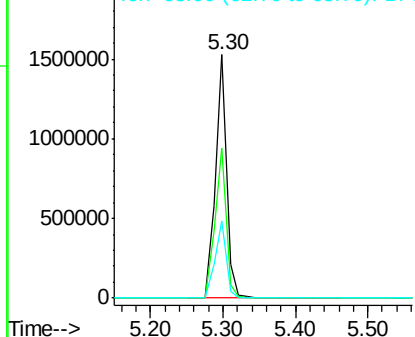
#5

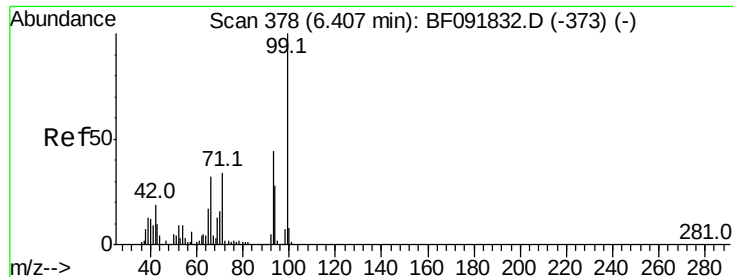
2-Fluorophenol
Concen: 130.52 ng
RT: 5.30 min Scan# 281
Delta R.T. -0.02 min
Lab File: BF092043.D
Acq: 30 Dec 2016 13:34

Tgt Ion:112 Resp: 1621805
Ion Ratio Lower Upper
112 100
64 61.9 46.1 69.1
63 31.8 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: 146.23 ng

RT: 6.35 min Scan# 373

Delta R.T. -0.03 min

Lab File: BF092043.D

Acq: 30 Dec 2016 13:34

Instrument :

BNA_F

ClientSampleId :

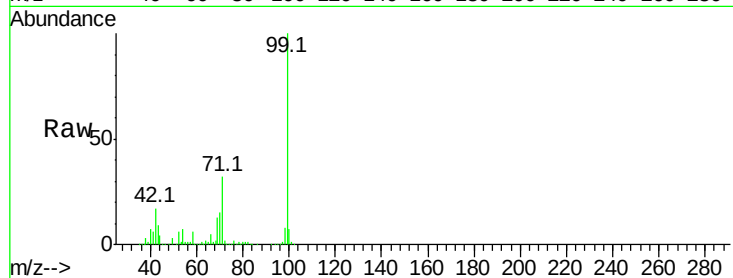
Tot Ion: 99 Resp: 2218394

Ion Ratio Lower Upper

99 100

42 16.7 15.6 23.4

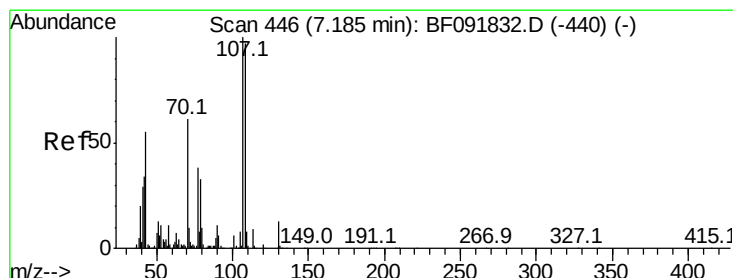
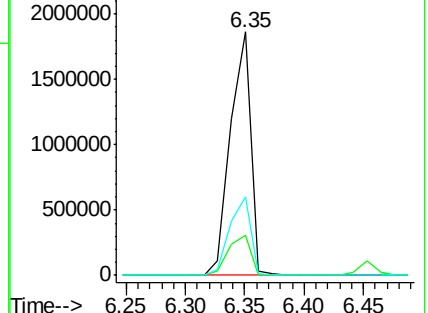
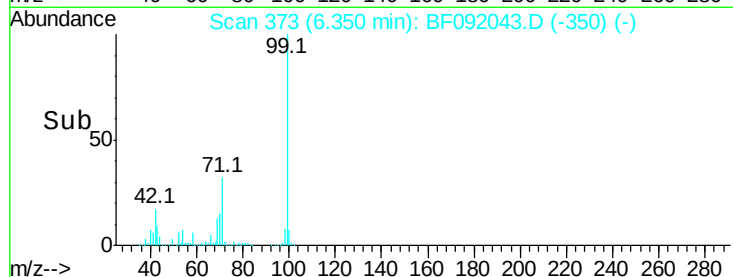
71 32.2 27.5 41.3



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: 15.80 ng

RT: 7.25 min Scan# 452

Delta R.T. 0.11 min

Lab File: BF092043.D

Acq: 30 Dec 2016 13:34

Tgt Ion: 70 Resp: 159475

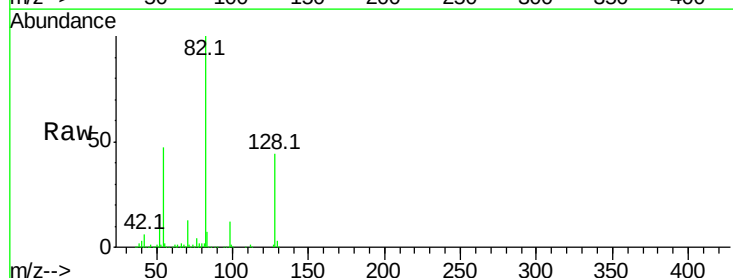
Ion Ratio Lower Upper

70 100

42 43.6 49.4 74.0#

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

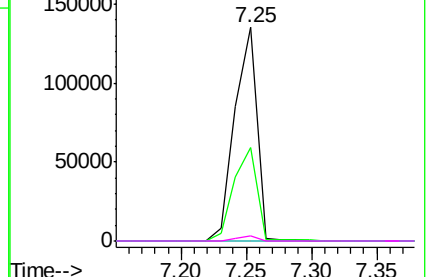
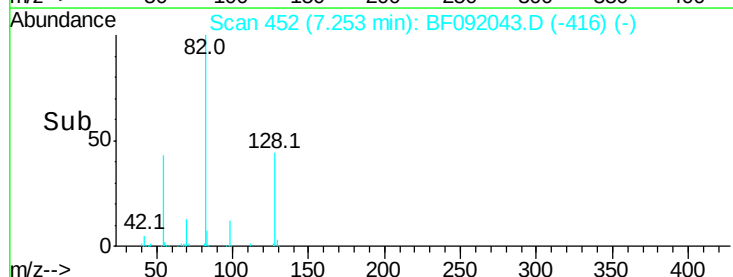


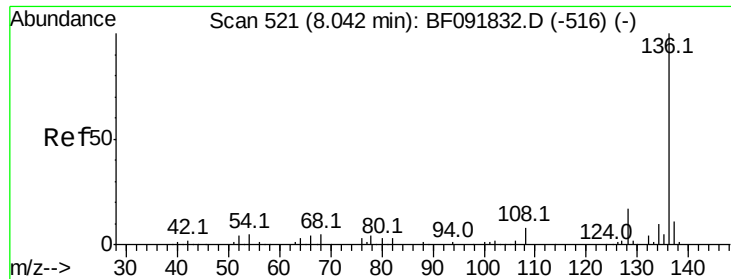
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

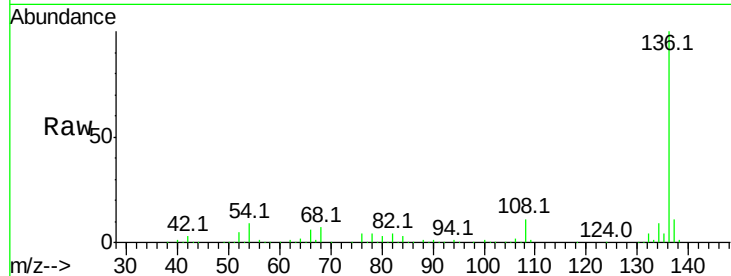




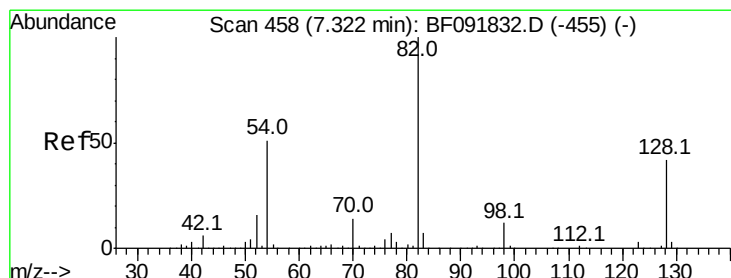
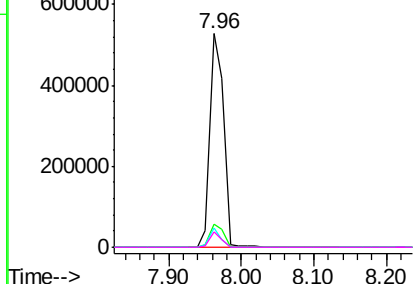
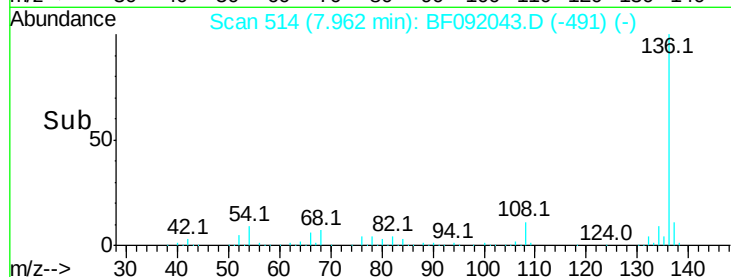
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 514
Delta R.T. -0.03 min
Lab File: BF092043.D
Acq: 30 Dec 2016 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	690497
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.4 12.6
54	9.1	4.5 6.7#
68	6.9	3.6 5.4#

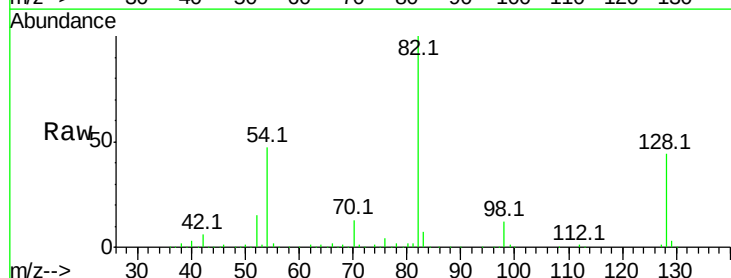


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

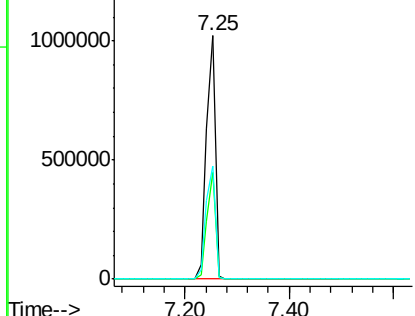
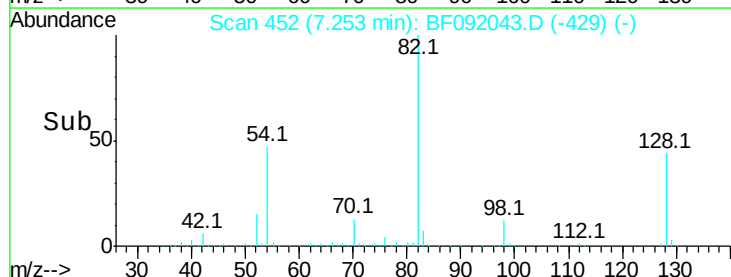


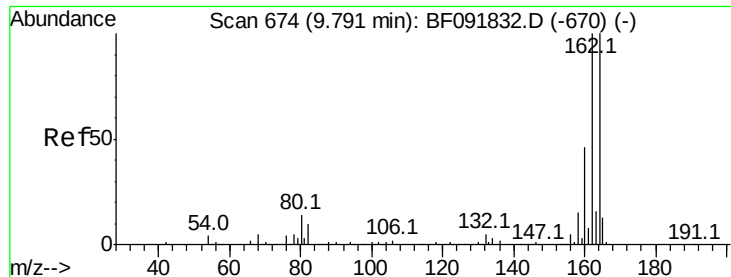
#23
Nitrobenzene-d5
Concen: 96.50 ng
RT: 7.25 min Scan# 452
Delta R.T. -0.03 min
Lab File: BF092043.D
Acq: 30 Dec 2016 13:34

Tgt Ion: 82	Resp:	1198254
Ion Ratio	Lower	Upper
82	100	
128	44.0	34.6 52.0
54	46.7	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

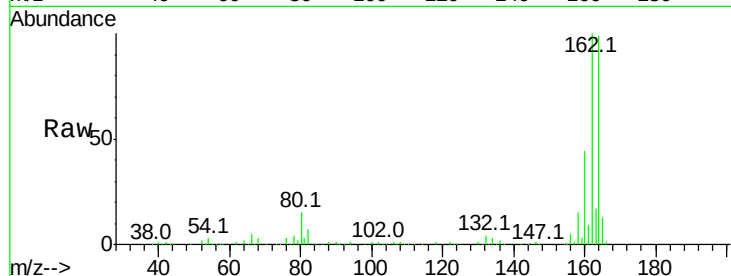




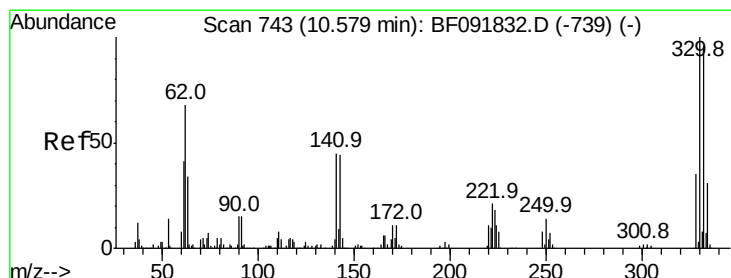
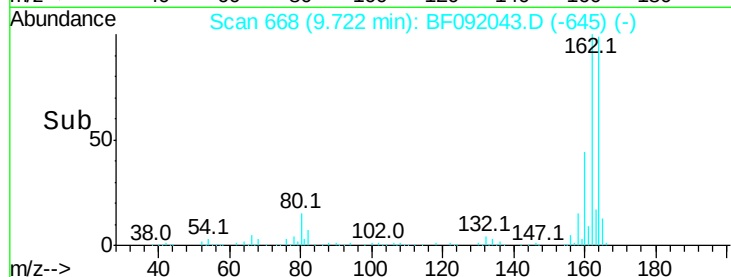
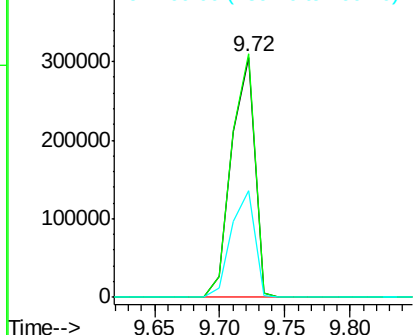
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.72 min Scan# 668
Delta R.T. -0.03 min
Lab File: BF092043.D
Acq: 30 Dec 2016 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 376916
Ion Ratio Lower Upper
164 100
162 101.4 80.2 120.2
160 44.6 36.9 55.3

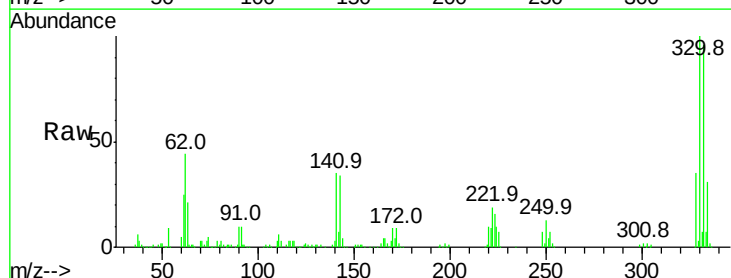


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

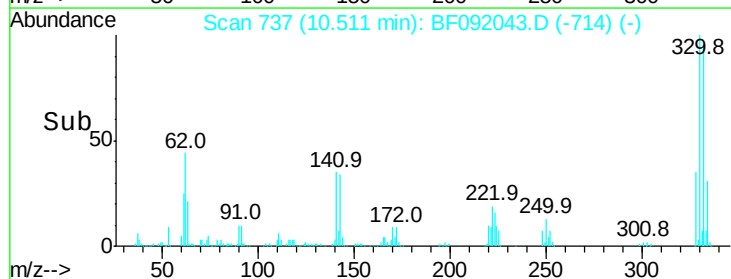
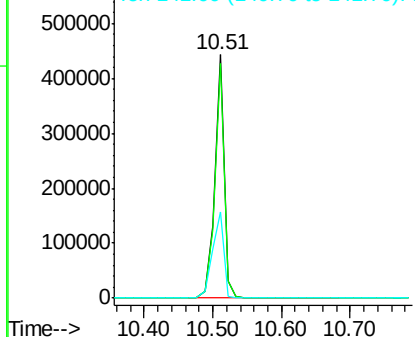


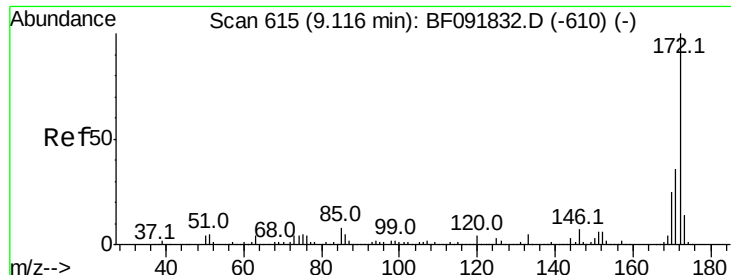
#41
2,4,6-Tribromophenol
Concen: 138.63 ng
RT: 10.51 min Scan# 737
Delta R.T. -0.03 min
Lab File: BF092043.D
Acq: 30 Dec 2016 13:34

Tgt Ion:330 Resp: 432431
Ion Ratio Lower Upper
330 100
332 96.1 77.4 116.2
141 42.0 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



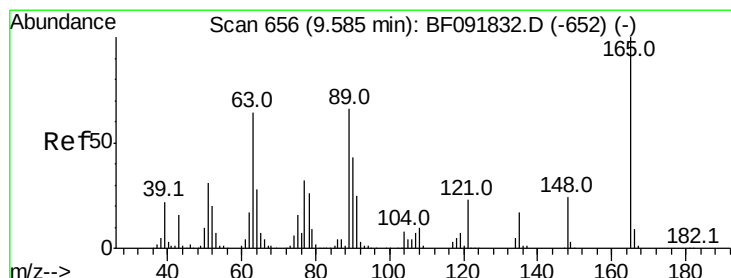
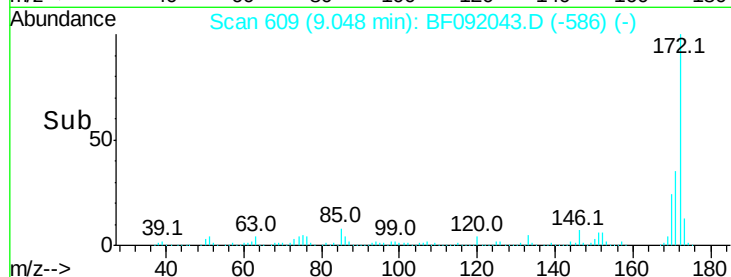
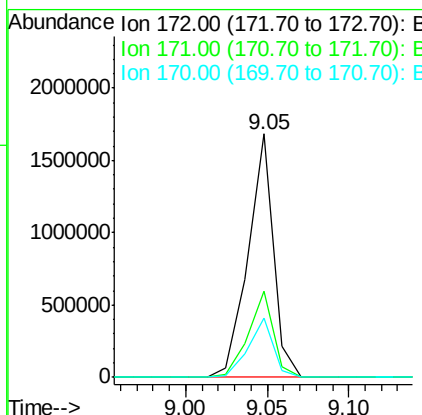
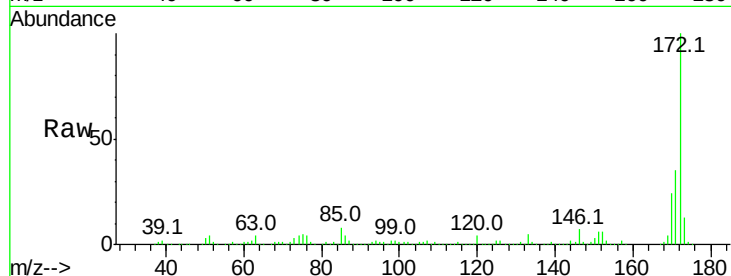


#44
 2-Fluorobiphenyl
 Concen: 101.02 ng
 RT: 9.05 min Scan# 609
 Delta R.T. -0.03 min
 Lab File: BF092043.D
 Acq: 30 Dec 2016 13:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1813670

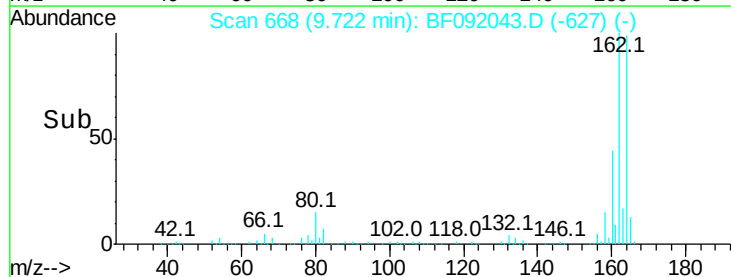
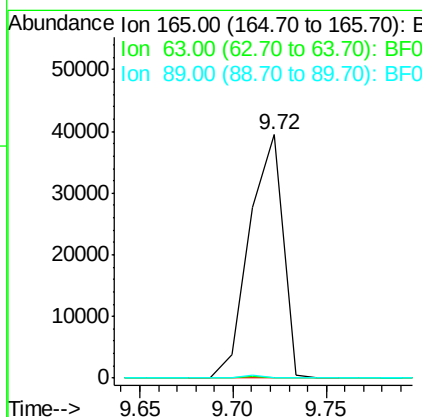
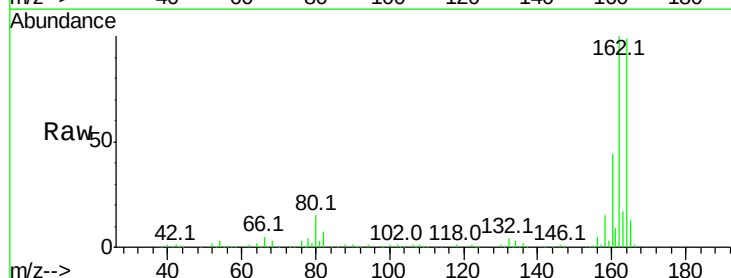
Ion	Ratio	Lower	Upper
172	100		
171	35.5	29.4	44.0
170	24.5	20.2	30.4

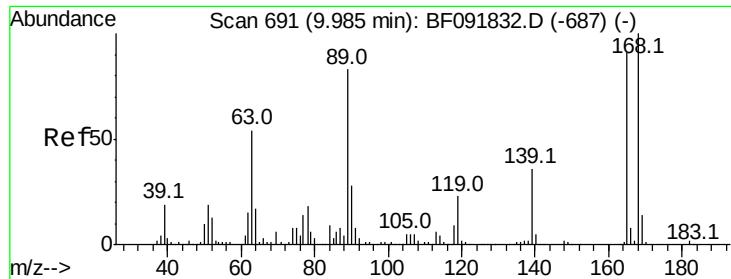


#50
 2,6-Dinitrotoluene
 Concen: 9.30 ng
 RT: 9.72 min Scan# 668
 Delta R.T. 0.17 min
 Lab File: BF092043.D
 Acq: 30 Dec 2016 13:34

Tgt Ion:165 Resp: 49053

Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	0.0	40.2	60.4#

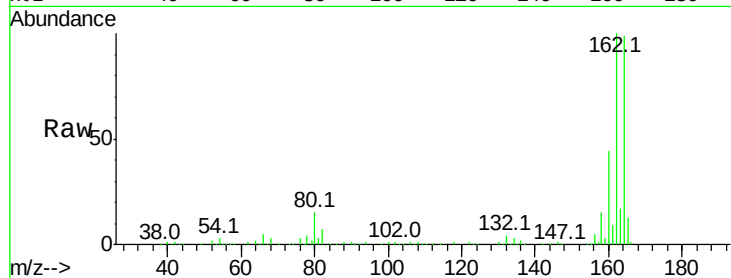




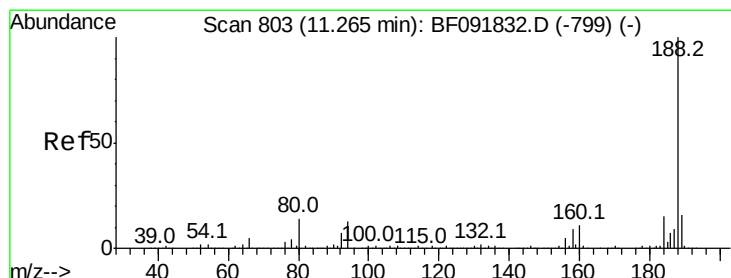
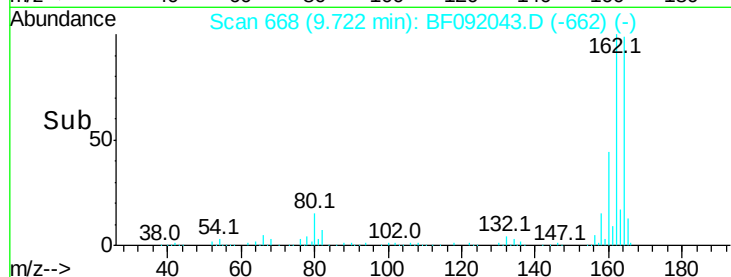
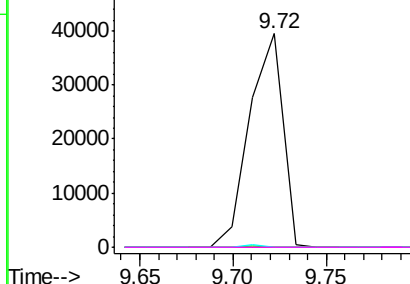
#56
 2,4-Dinitrotoluene
 Concen: 7.41 ng
 RT: 9.72 min Scan# 668
 Delta R.T. -0.23 min
 Lab File: BF092043.D
 Acq: 30 Dec 2016 13:34

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 49053
 Ion Ratio Lower Upper
 165 100
 63 0.0 40.2 60.4#
 89 0.0 62.5 93.7#
 182 0.0 1.8 2.8#

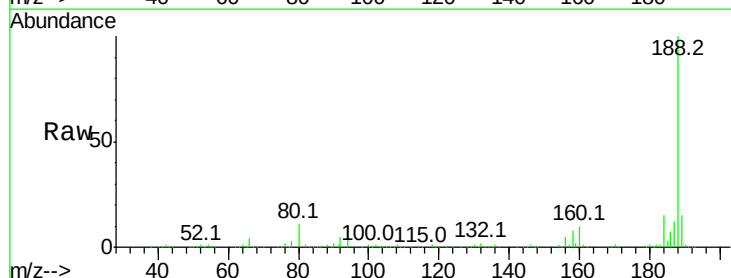


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

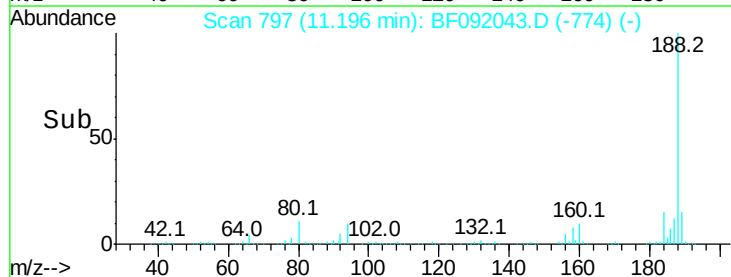
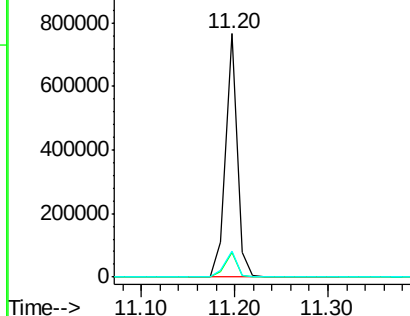


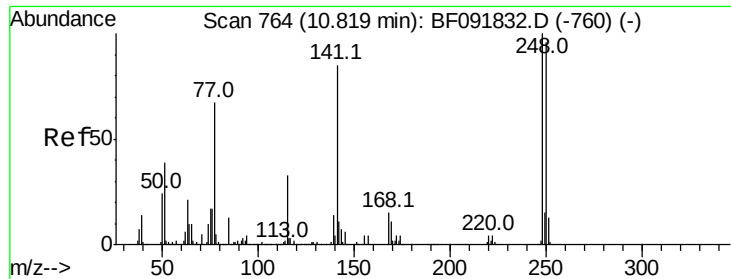
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.20 min Scan# 797
 Delta R.T. -0.03 min
 Lab File: BF092043.D
 Acq: 30 Dec 2016 13:34

Tgt Ion:188 Resp: 663624
 Ion Ratio Lower Upper
 188 100
 94 10.0 10.0 15.0#
 80 10.9 11.2 16.8#



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: 4.28 ng

RT: 10.51 min Scan# 737

Delta R.T. -0.27 min

Lab File: BF092043.D

Acq: 30 Dec 2016 13:34

Instrument :

BNA_F

ClientSampleId :

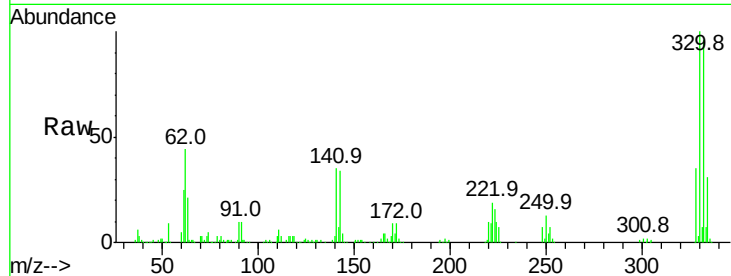
Tot Ion:248 Resp: 29550

Ion Ratio Lower Upper

248 100

250 202.6 76.9 115.3#

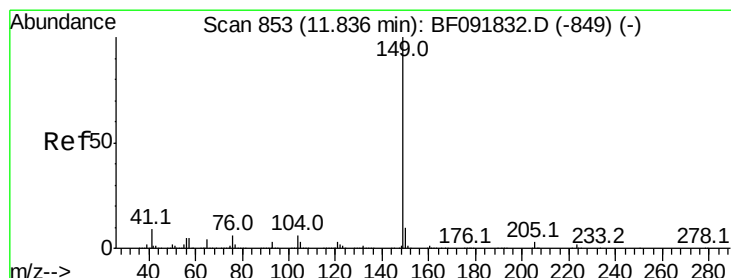
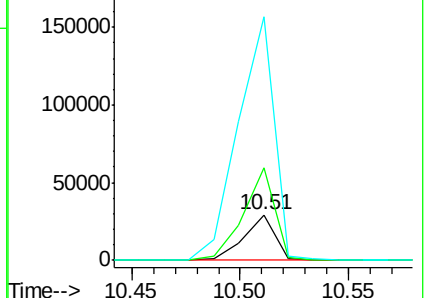
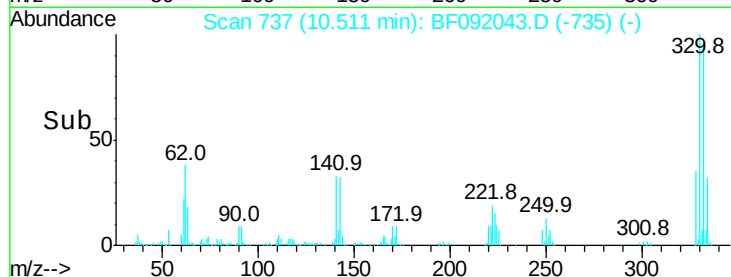
141 531.7 68.2 102.4#



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.77 min Scan# 847

Delta R.T. -0.03 min

Lab File: BF092043.D

Acq: 30 Dec 2016 13:34

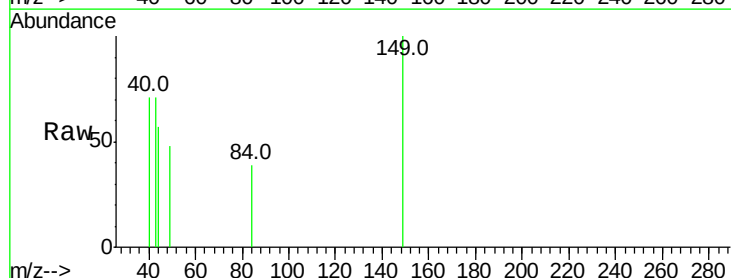
Tgt Ion:149 Resp: 1066

Ion Ratio Lower Upper

149 100

150 0.0 8.1 12.1#

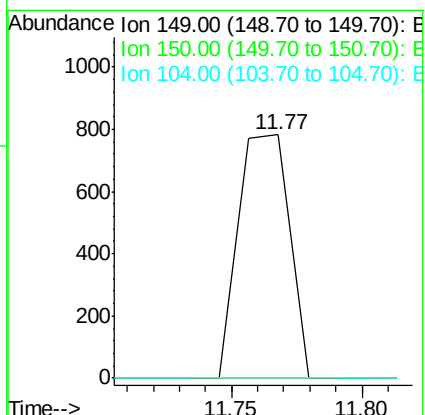
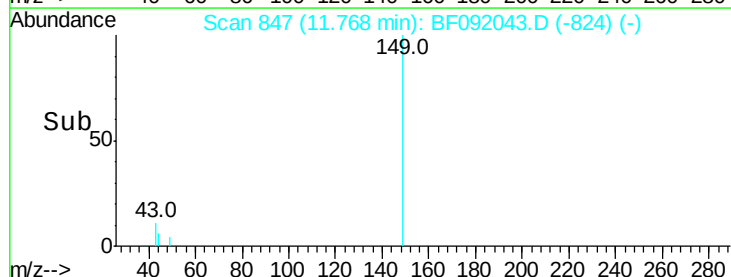
104 0.0 4.6 7.0#

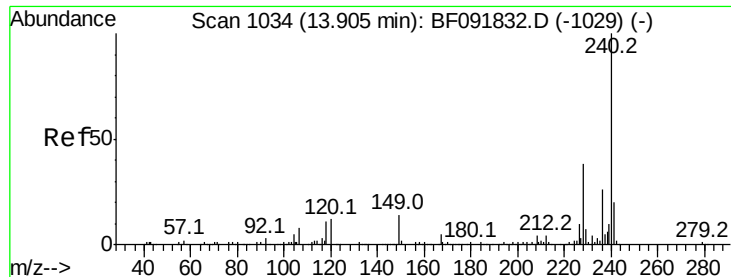


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.83 min Scan# 1027

Delta R.T. -0.05 min

Lab File: BF092043.D

Acq: 30 Dec 2016 13:34

Instrument :

BNA_F

ClientSampleId :

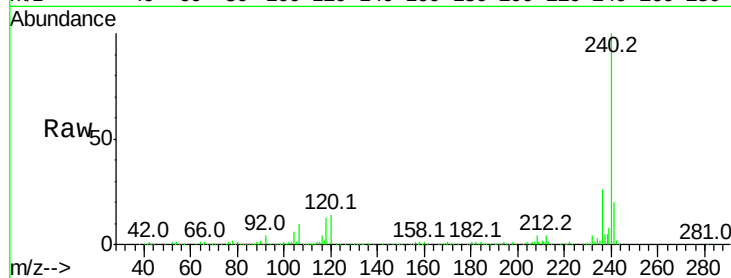
Tot Ion:240 Resp: 581866

Ion Ratio Lower Upper

240 100

120 14.4 12.9 19.3

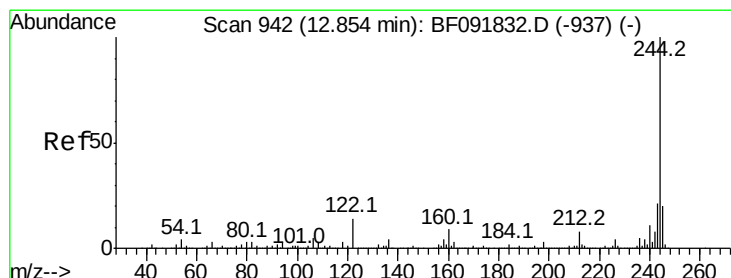
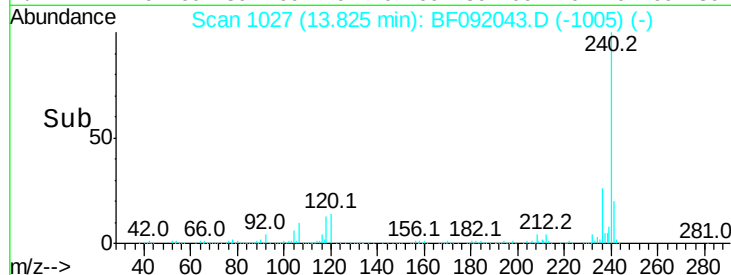
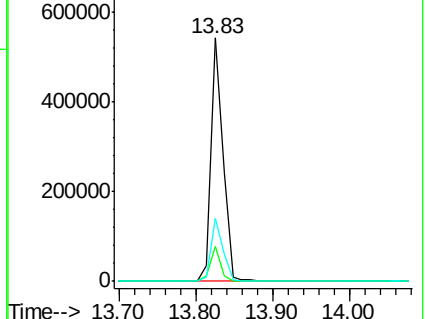
236 25.7 20.9 31.3



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: 81.61 ng

RT: 12.79 min Scan# 936

Delta R.T. -0.03 min

Lab File: BF092043.D

Acq: 30 Dec 2016 13:34

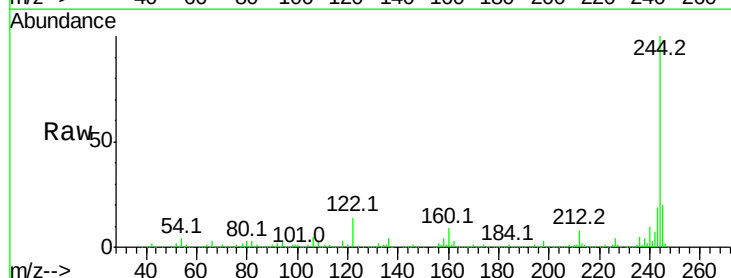
Tgt Ion:244 Resp: 1957856

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

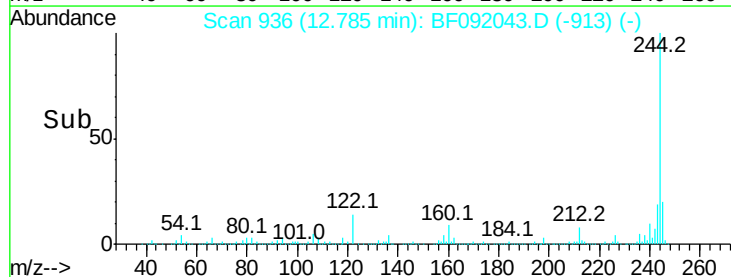
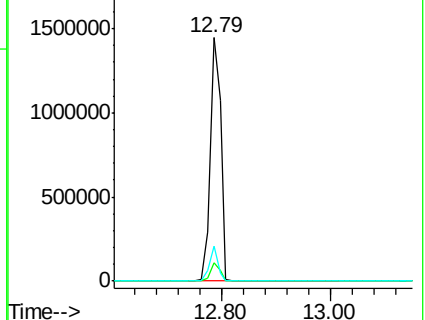
122 14.1 11.4 17.2

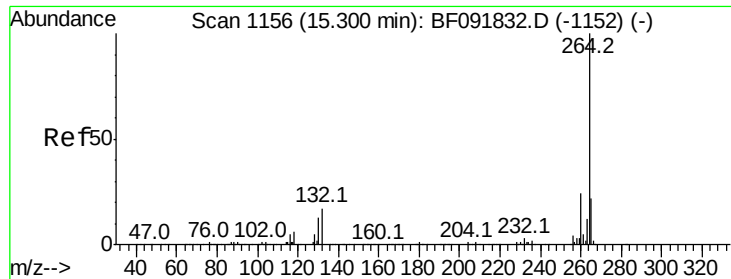


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

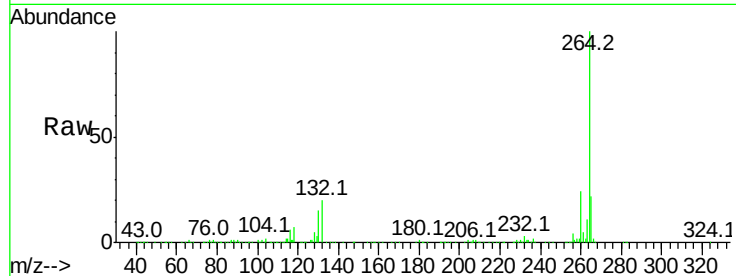




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.21 min Scan# 1148
Delta R.T. -0.05 min
Lab File: BF092043.D
Acq: 30 Dec 2016 13:34

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.2	28.8
265	21.7	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

