

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
 Data File : BF092833.D
 Acq On : 7 Feb 2017 17:34
 Operator : SJ/MA
 Sample : PB96777BL
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96777BL

Quant Time: Feb 07 23:48:12 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 14:50:05 2017
 Response via : Initial Calibration

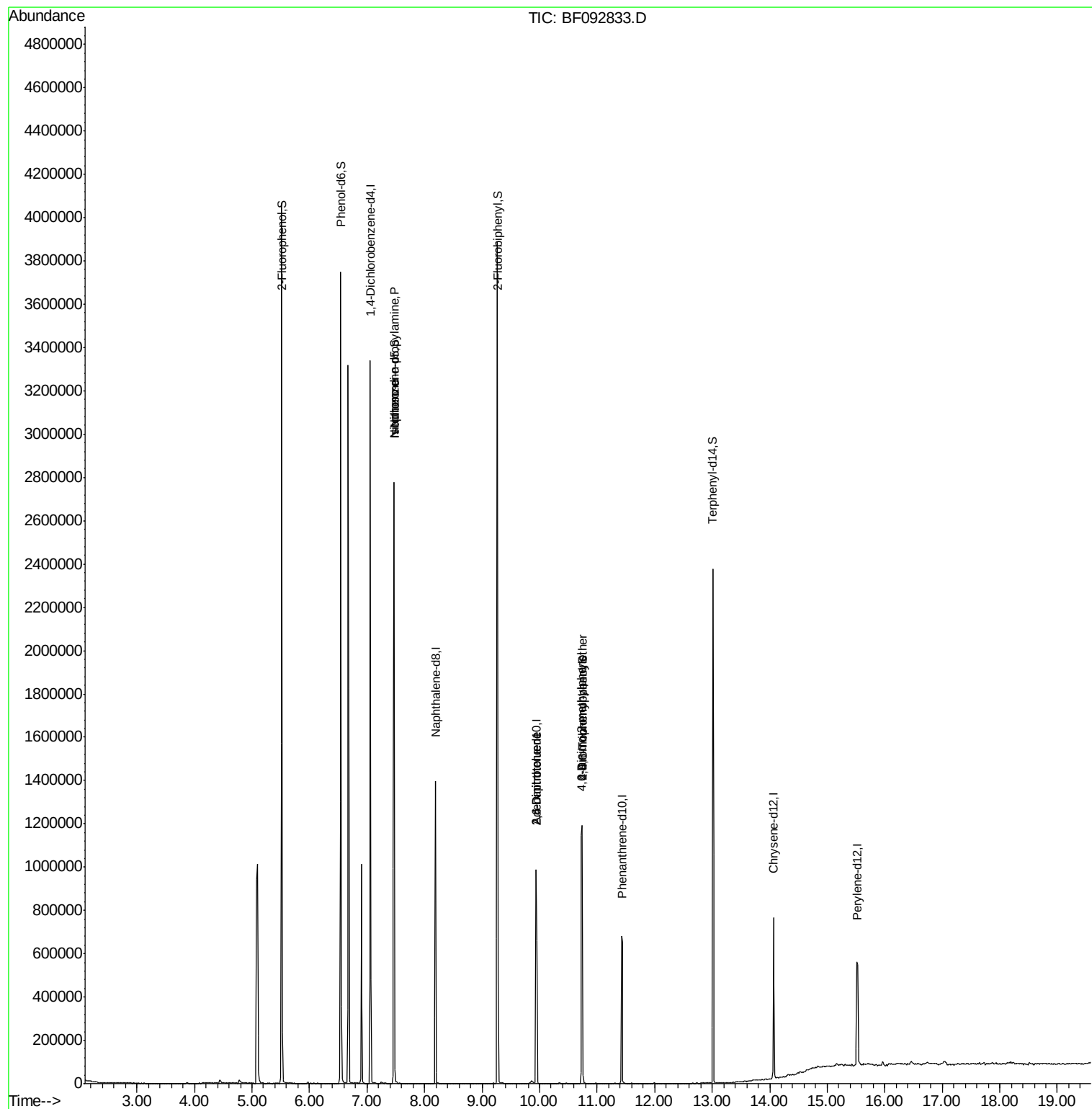
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.06	152	468732	20.00	ng	0.09
21) Naphthalene-d8	8.19	136	603263	20.00	ng	-0.07
38) Acenaphthene-d10	9.94	164	282471	20.00	ng	-0.07
63) Phenanthrene-d10	11.44	188	381278	20.00	ng	-0.06
75) Chrysene-d12	14.07	240	316818	20.00	ng	-0.08
86) Perylene-d12	15.53	264	268839	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1101873	40.33	ng	-0.06
7) Phenol-d6	6.54	99	1283617	36.51	ng	-0.06
23) Nitrobenzene-d5	7.47	82	895756	82.69	ng	-0.07
41) 2,4,6-Tribromophenol	10.74	330	214645	105.06	ng	-0.07
44) 2-Fluorobiphenyl	9.26	172	1183679	75.92	ng	-0.07
78) Terphenyl-d14	13.01	244	844819	62.66	ng	-0.07
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	119746	5.35	ng	# 84
25) Isophorone	7.47	82	888506	44.01	ng	# 65
50) 2,6-Dinitrotoluene	9.94	165	35626	8.67	ng	# 30
56) 2,4-Dinitrotoluene	9.94	165	35628	6.51	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.73	198	438	2.85	ng	# 1
66) 4-Bromophenyl-phenylether	10.74	248	15089	3.79	ng	# 1

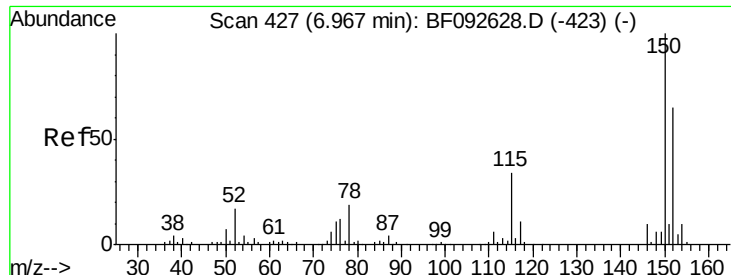
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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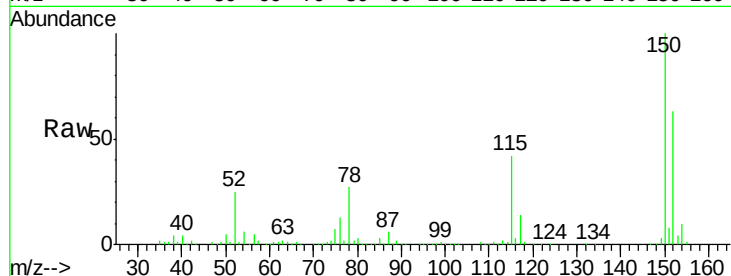


#1

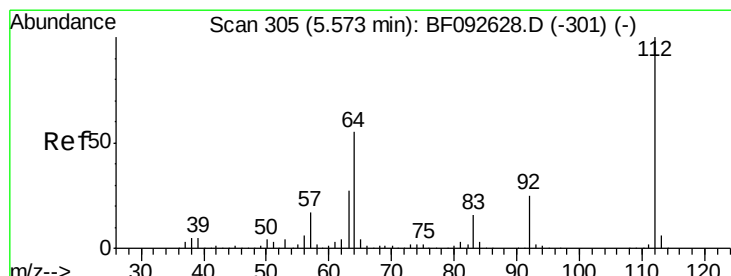
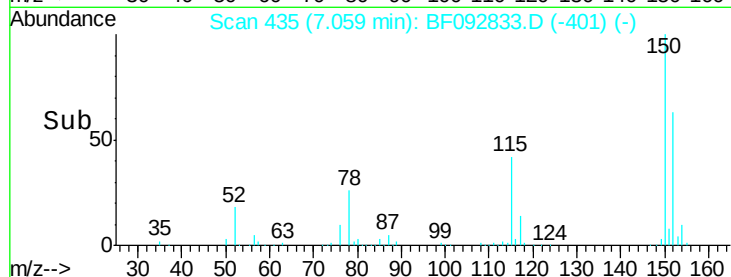
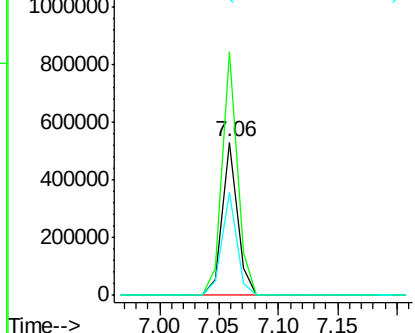
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.06 min Scan# 435
Delta R.T. 0.09 min
Lab File: BF092833.D
Acq: 7 Feb 2017 17:34

Instrument :
BNA_F
ClientSampleId :
PB96777BL

Tgt Ion:152 Resp: 468732
Ion Ratio Lower Upper
152 100
150 159.3 124.9 187.3
115 67.7 46.0 69.0



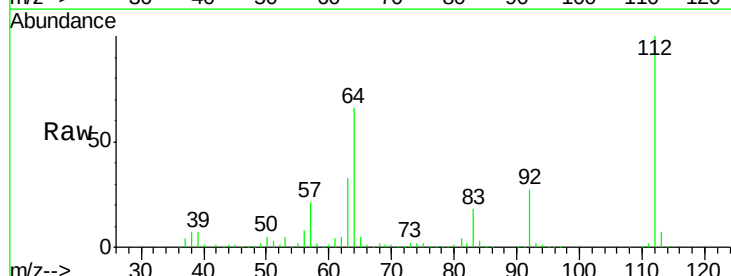
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



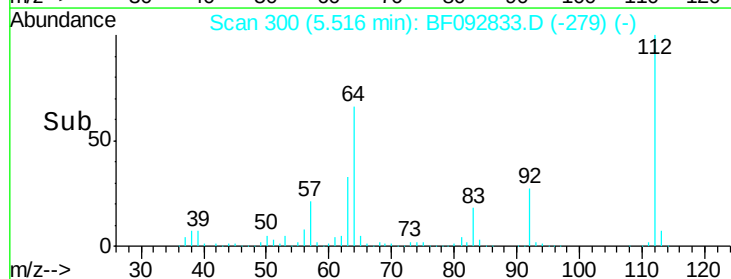
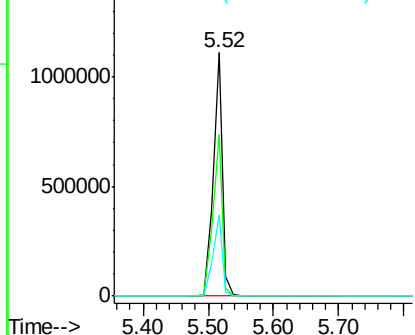
#5

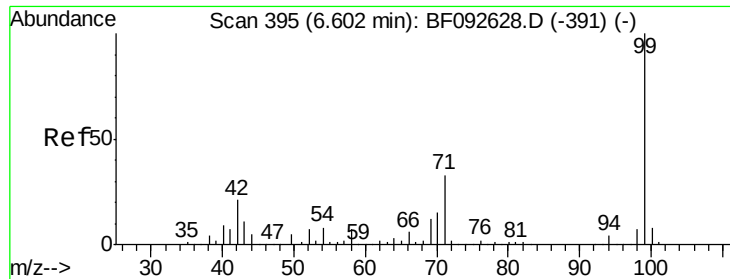
2-Fluorophenol
Concen: 40.33 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.06 min
Lab File: BF092833.D
Acq: 7 Feb 2017 17:34

Tgt Ion:112 Resp: 1101873
Ion Ratio Lower Upper
112 100
64 66.3 46.1 69.1
63 33.1 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: 36.51 ng

RT: 6.54 min Scan# 390

Delta R.T. -0.06 min

Lab File: BF092833.D

Acq: 7 Feb 2017 17:34

Instrument :

BNA_F

ClientSampleId :

PB96777BL

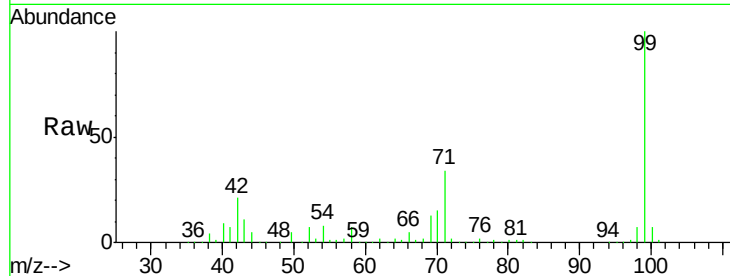
Tgt Ion: 99 Resp: 1283617

Ion Ratio Lower Upper

99 100

42 21.1 15.6 23.4

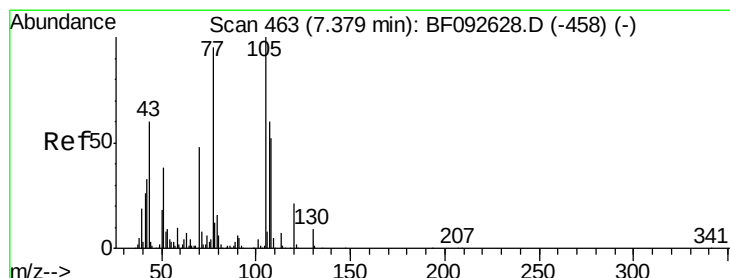
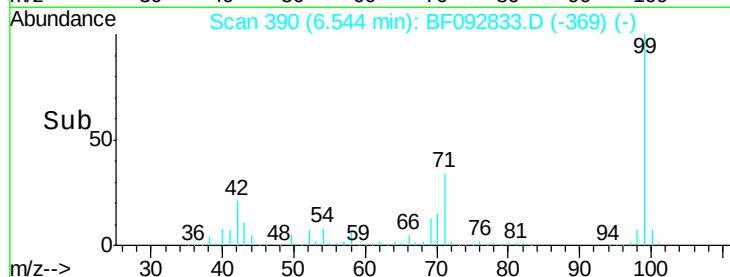
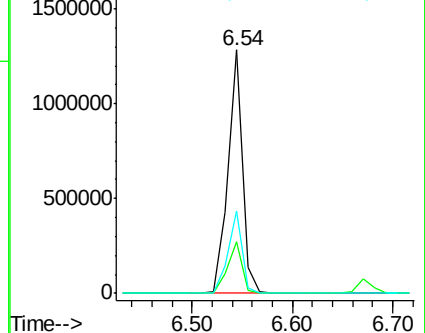
71 33.8 27.5 41.3



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: 5.35 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.09 min

Lab File: BF092833.D

Acq: 7 Feb 2017 17:34

Tgt Ion: 70 Resp: 119746

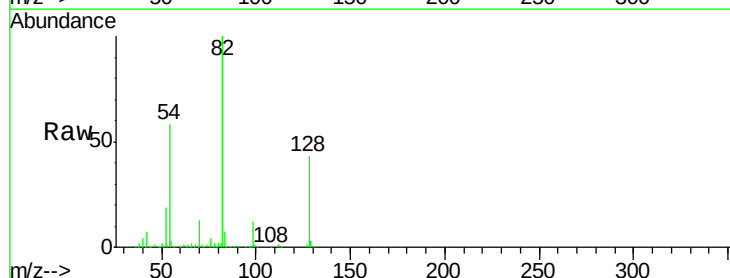
Ion Ratio Lower Upper

70 100

42 54.6 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

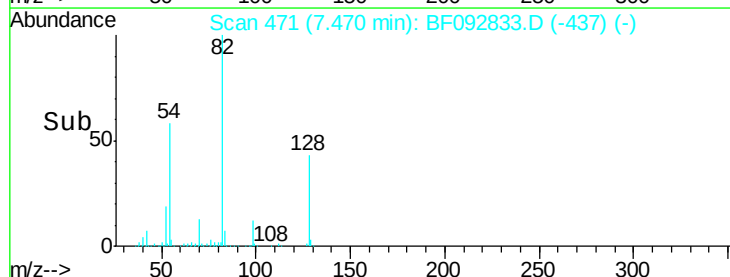
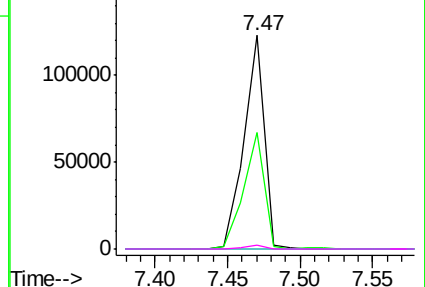


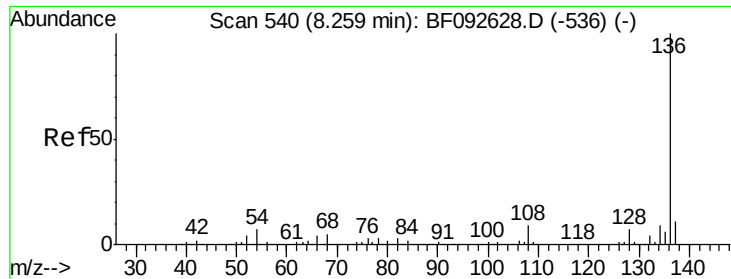
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

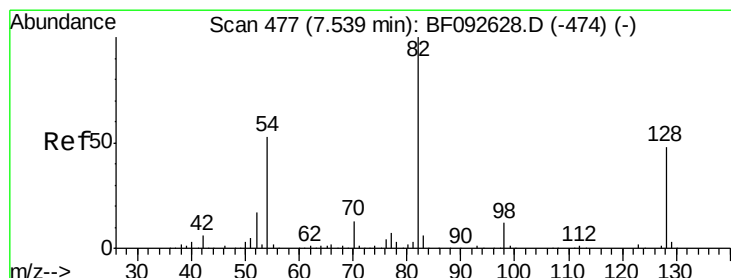
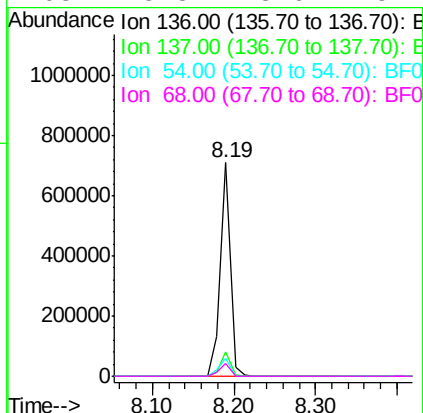
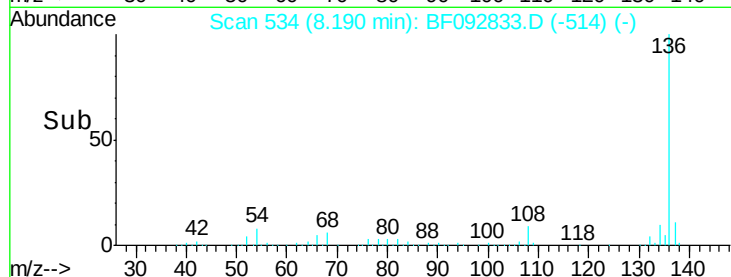
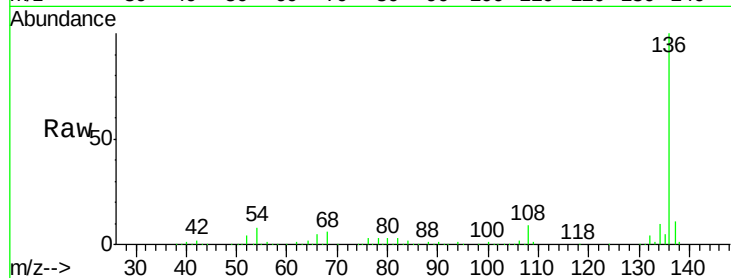




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092833.D
Acq: 7 Feb 2017 17:34

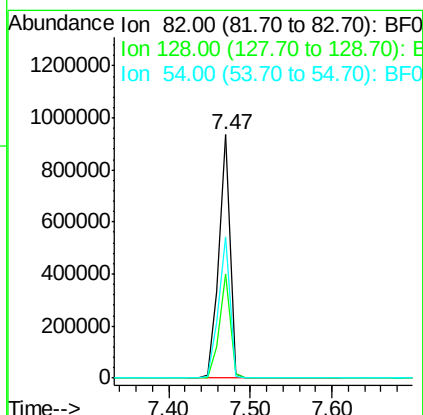
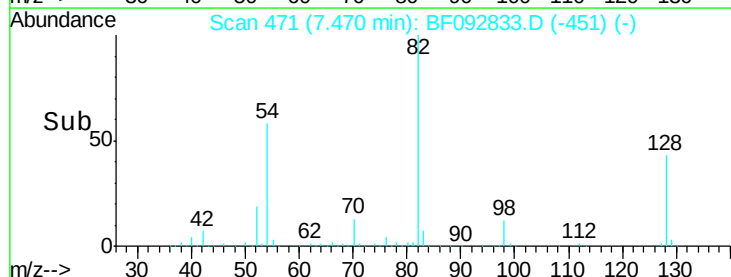
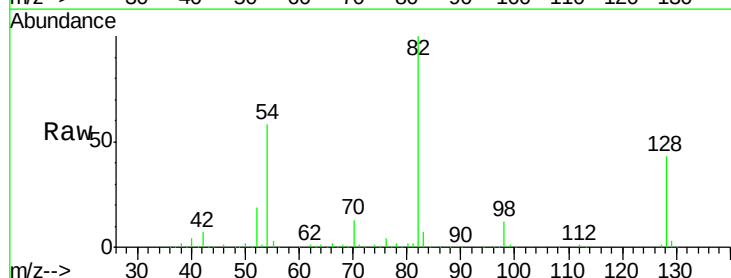
Instrument :
BNA_F
ClientSampleId :
PB96777BL

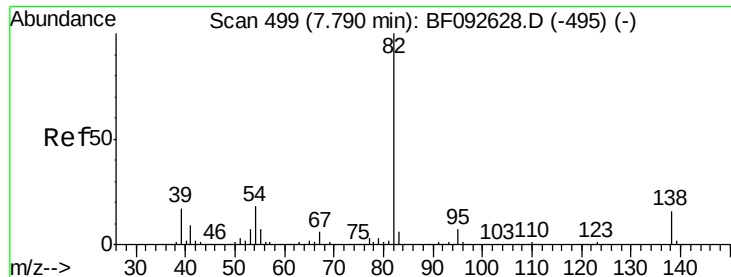
Tgt Ion:	136	Resp:	603263
Ion	Ratio	Lower	Upper
136	100		
137	11.2	8.4	12.6
54	8.5	4.5	6.7#
68	5.8	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 82.69 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.07 min
Lab File: BF092833.D
Acq: 7 Feb 2017 17:34

Tgt Ion:	82	Resp:	895756
Ion	Ratio	Lower	Upper
82	100		
128	42.6	34.6	52.0
54	58.1	39.5	59.3





#25

Isophorone

Concen: 44.01 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.32 min

Lab File: BF092833.D

Acq: 7 Feb 2017 17:34

Instrument :

BNA_F

ClientSampleId :

PB96777BL

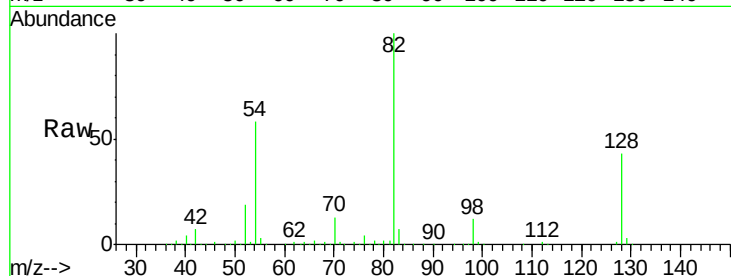
Tgt Ion: 82 Resp: 888506

Ion Ratio Lower Upper

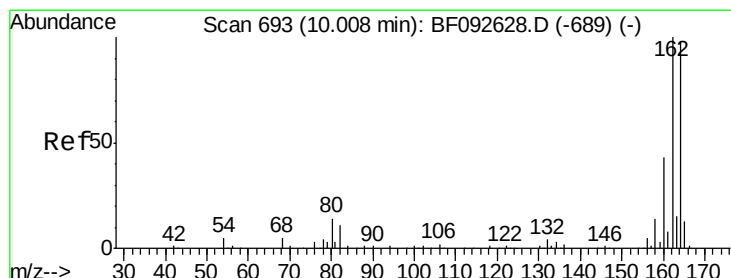
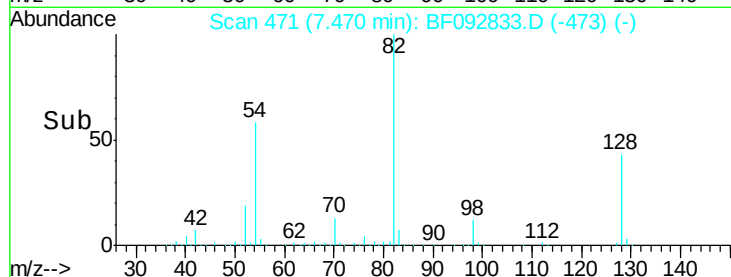
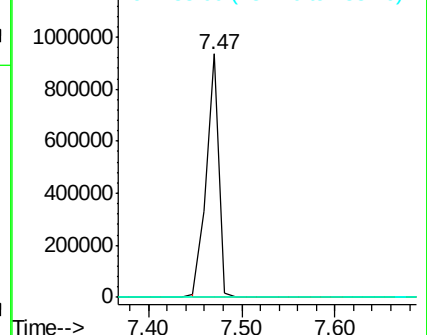
82 100

95 0.0 5.6 8.4#

138 0.0 14.6 22.0#



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 95.00 (94.70 to 95.70): BF0
Ion 138.00 (137.70 to 138.70): BF0



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.94 min Scan# 687

Delta R.T. -0.07 min

Lab File: BF092833.D

Acq: 7 Feb 2017 17:34

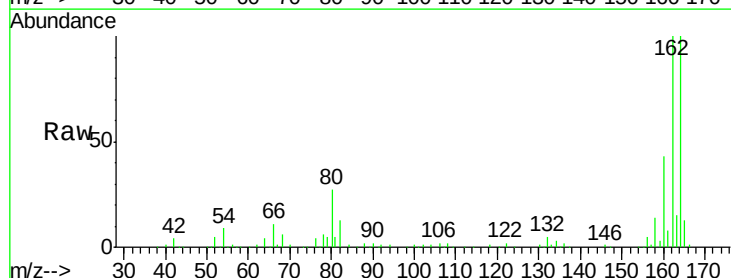
Tgt Ion: 164 Resp: 282471

Ion Ratio Lower Upper

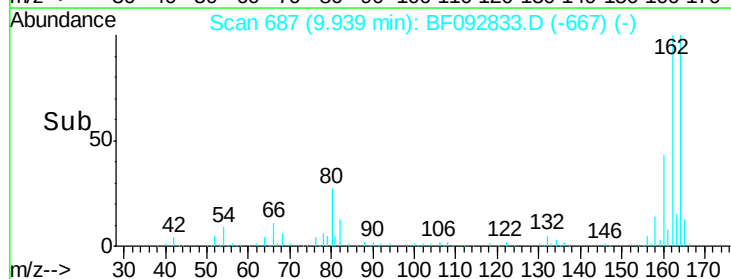
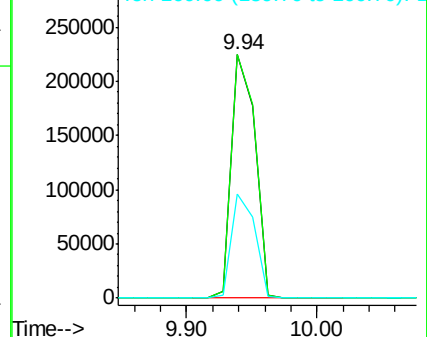
164 100

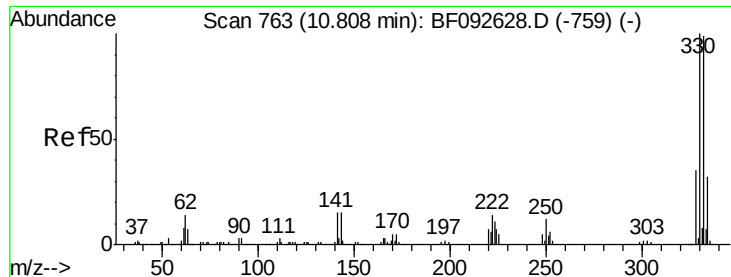
162 100.0 80.2 120.2

160 42.5 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

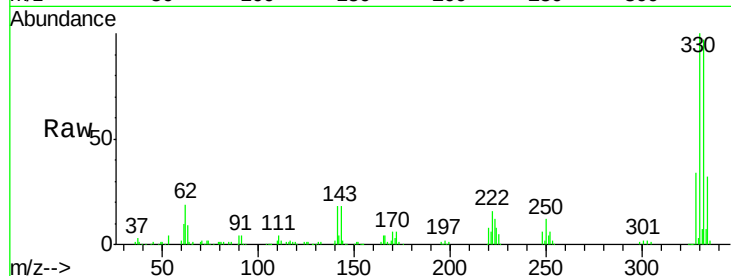




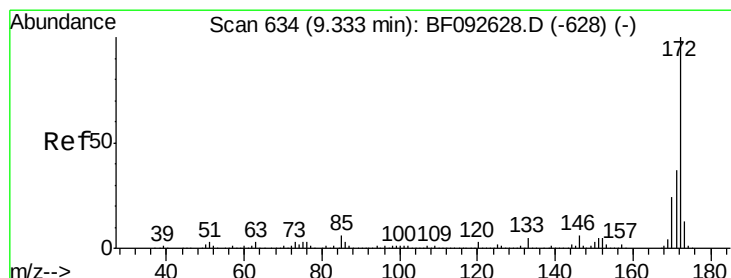
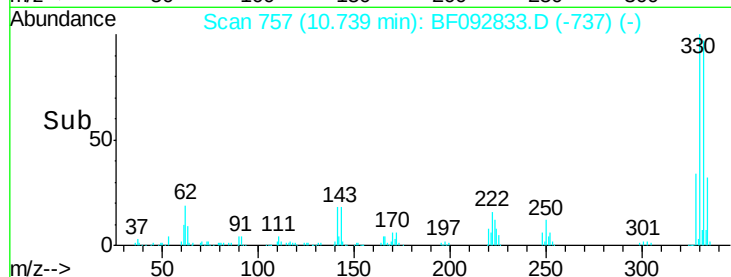
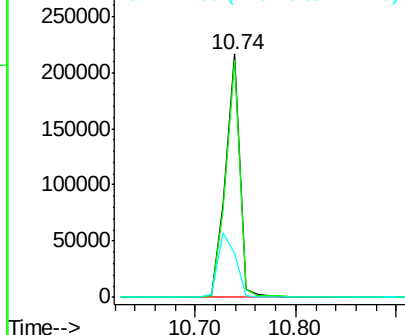
#41
 2,4,6-Tribromophenol
 Concen: 105.06 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.07 min
 Lab File: BF092833.D
 Acq: 7 Feb 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion:330 Resp: 214645
 Ion Ratio Lower Upper
 330 100
 332 96.9 77.4 116.2
 141 32.3 34.1 51.1#

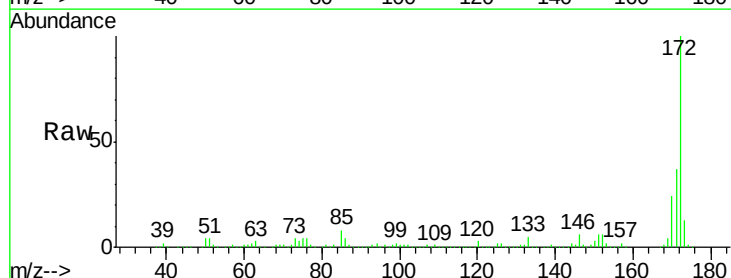


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

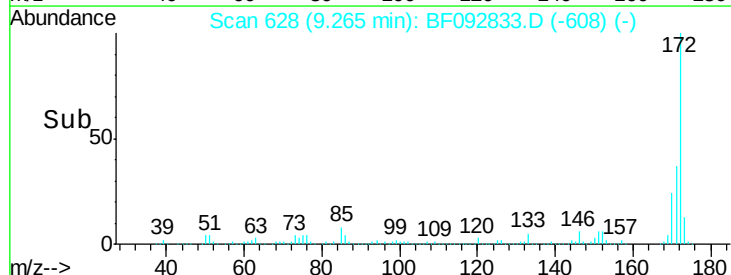
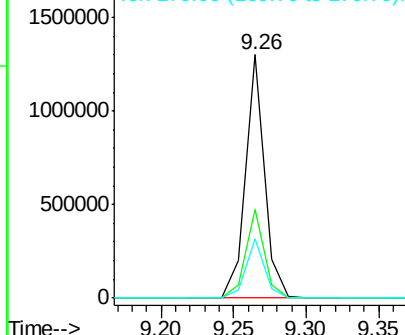


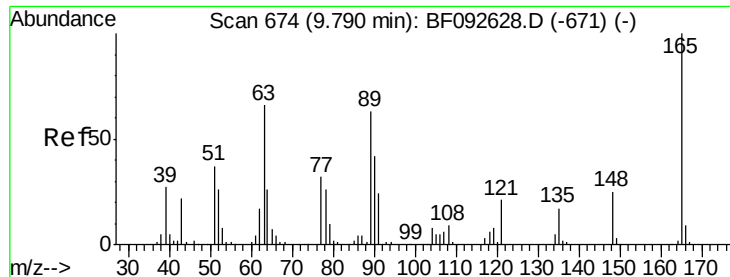
#44
 2-Fluorobiphenyl
 Concen: 75.92 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092833.D
 Acq: 7 Feb 2017 17:34

Tgt Ion:172 Resp: 1183679
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.4 44.0
 170 24.3 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

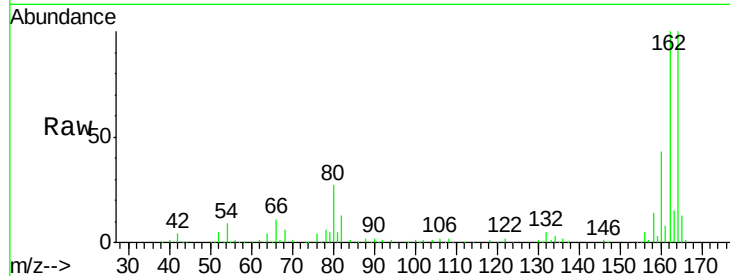




#50
 2,6-Dinitrotoluene
 Concen: 8.67 ng
 RT: 9.94 min Scan# 687
 Delta R.T. 0.15 min
 Lab File: BF092833.D
 Acq: 7 Feb 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96777BL

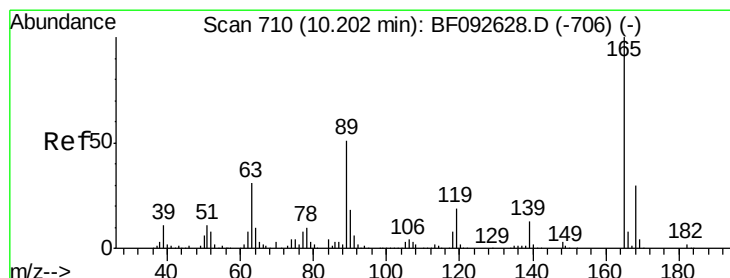
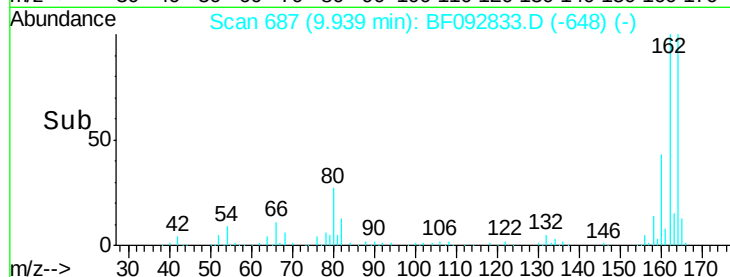
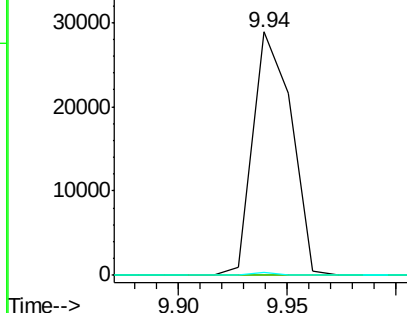
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	1.4	40.2	60.4#



Abundance Ion 165.00 (164.70 to 165.70): E

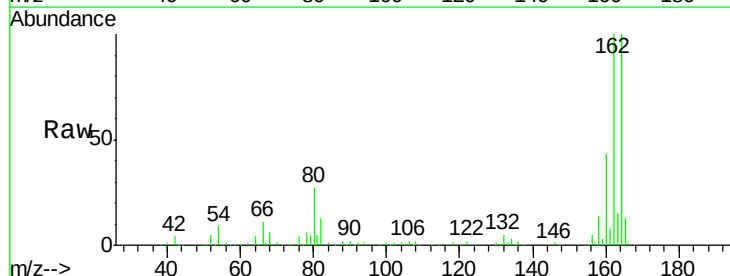
Ion 63.00 (62.70 to 63.70): BF0

Ion 89.00 (88.70 to 89.70): BF0



#56
 2,4-Dinitrotoluene
 Concen: 6.51 ng
 RT: 9.94 min Scan# 687
 Delta R.T. -0.26 min
 Lab File: BF092833.D
 Acq: 7 Feb 2017 17:34

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	1.4	62.5	93.7#
182	0.0	1.8	2.8#

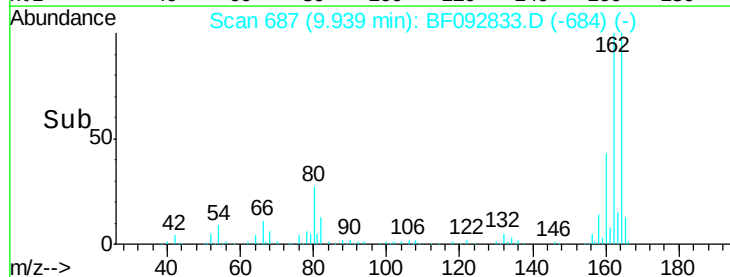
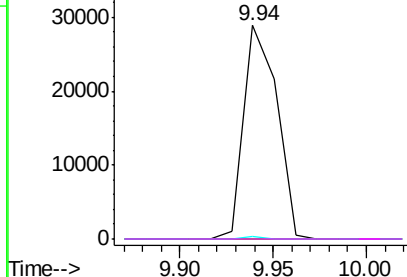


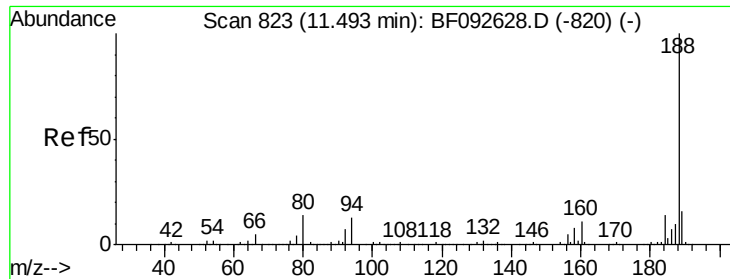
Abundance Ion 165.00 (164.70 to 165.70): E

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

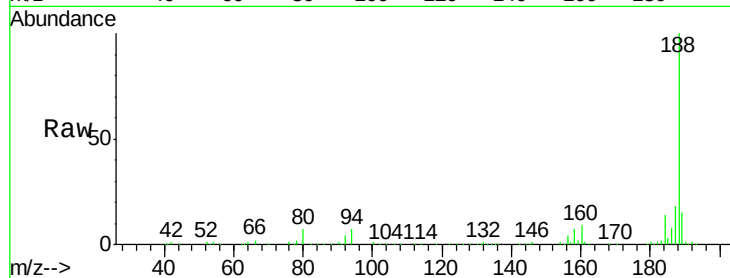




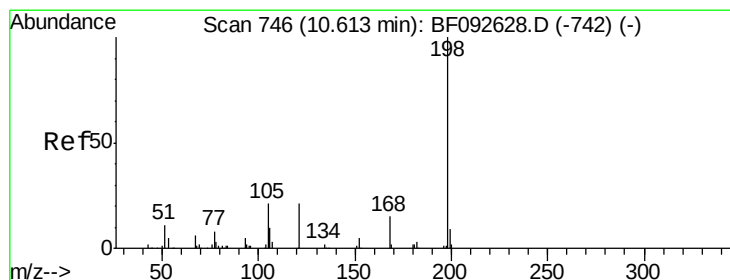
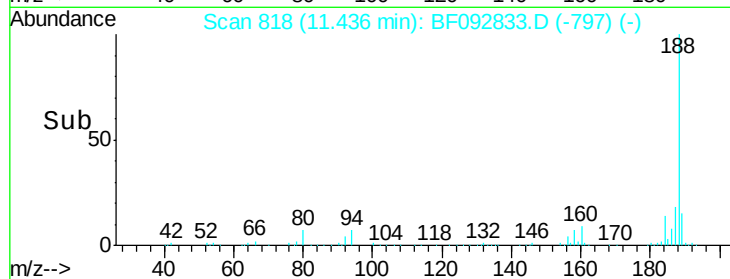
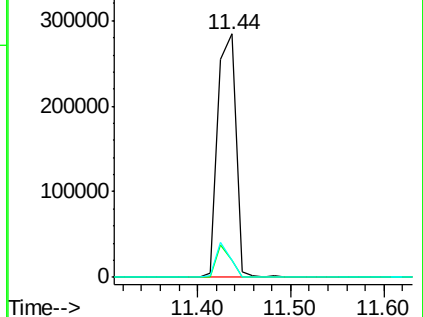
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.44 min Scan# 818
 Delta R.T. -0.06 min
 Lab File: BF092833.D
 Acq: 7 Feb 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96777BL

Tgt Ion:188 Resp: 381278
 Ion Ratio Lower Upper
 188 100
 94 6.9 10.0 15.0#
 80 7.0 11.2 16.8#

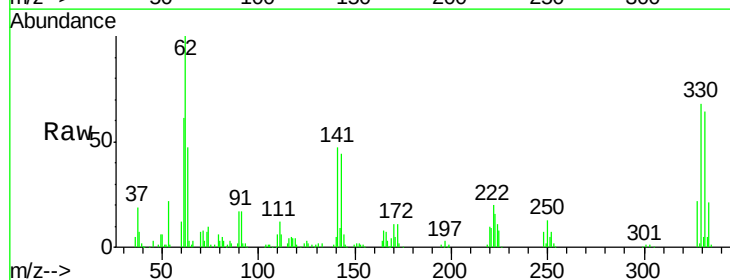


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

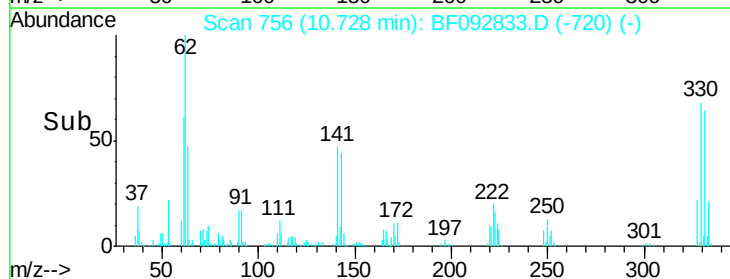
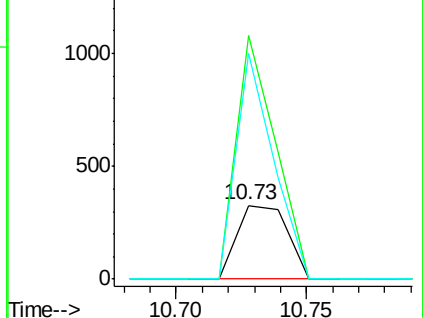


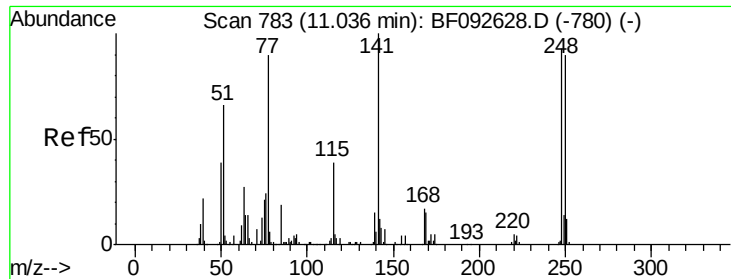
#64
 4,6-Dinitro-2-methylphenol
 Concen: 2.85 ng
 RT: 10.73 min Scan# 756
 Delta R.T. 0.11 min
 Lab File: BF092833.D
 Acq: 7 Feb 2017 17:34

Tgt Ion:198 Resp: 438
 Ion Ratio Lower Upper
 198 100
 51 329.0 6.7 46.7#
 105 304.6 16.6 56.6#



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

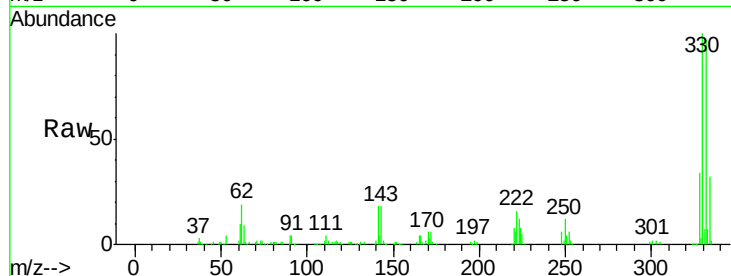




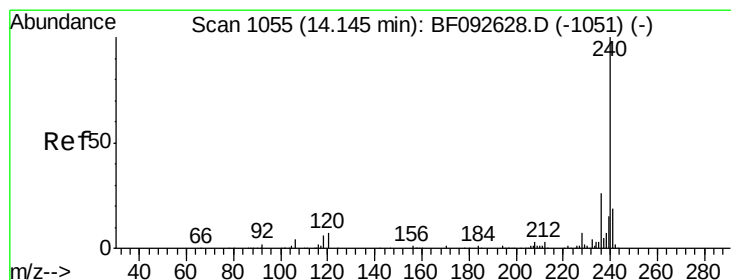
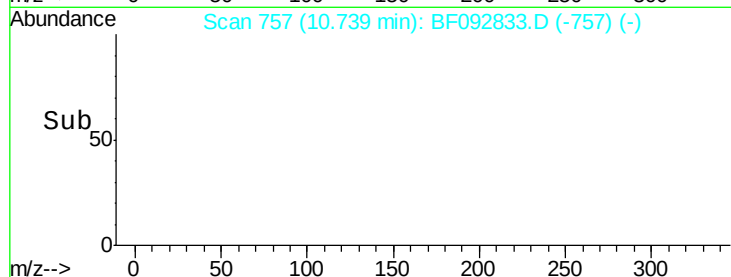
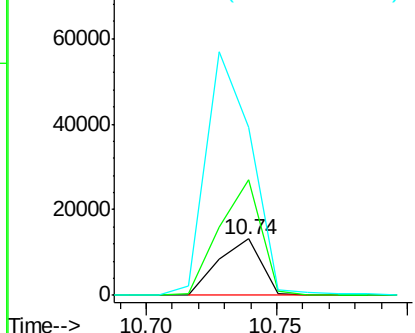
#66
 4-Bromophenyl-phenylether
 Concen: 3.79 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.30 min
 Lab File: BF092833.D
 Acq: 7 Feb 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96777BL

Tgt Ion: 248 Resp: 15089
 Ion Ratio Lower Upper
 248 100
 250 205.2 76.9 115.3#
 141 297.7 68.2 102.4#

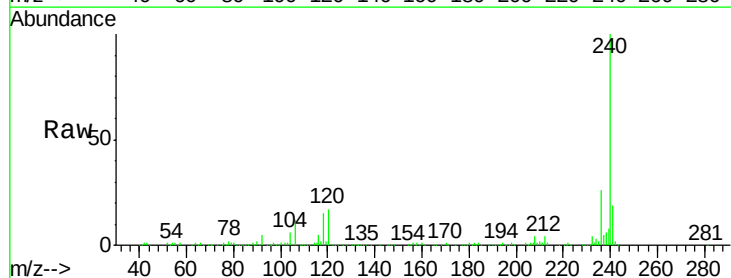


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

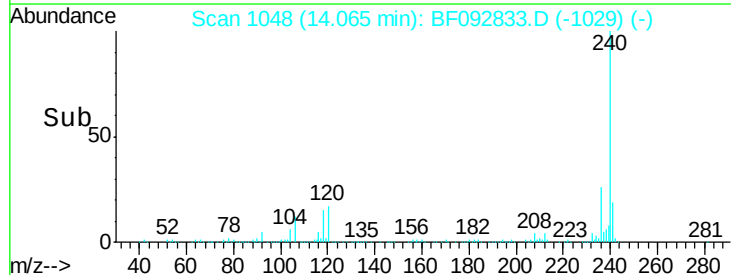
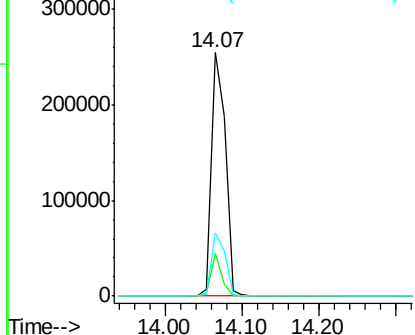


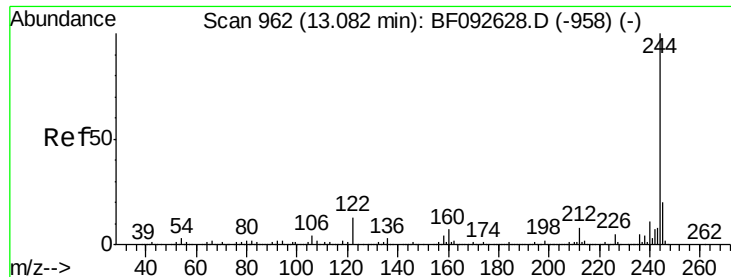
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.07 min Scan# 1048
 Delta R.T. -0.08 min
 Lab File: BF092833.D
 Acq: 7 Feb 2017 17:34

Tgt Ion: 240 Resp: 316818
 Ion Ratio Lower Upper
 240 100
 120 17.4 12.9 19.3
 236 25.8 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

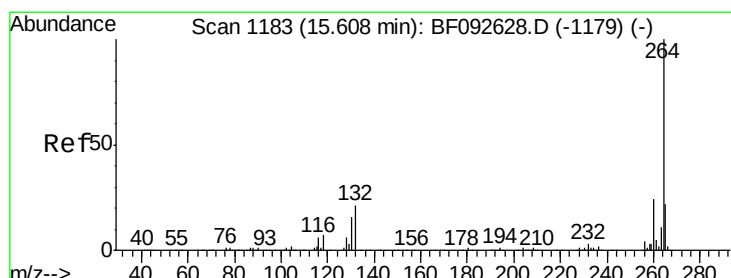
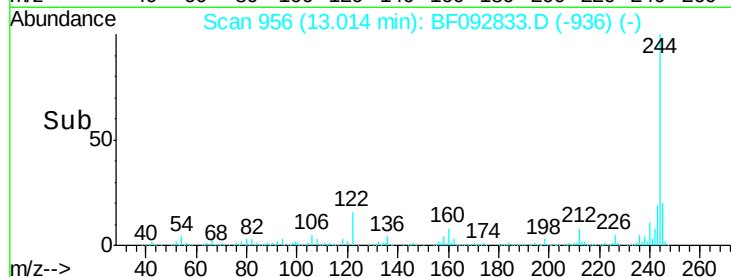
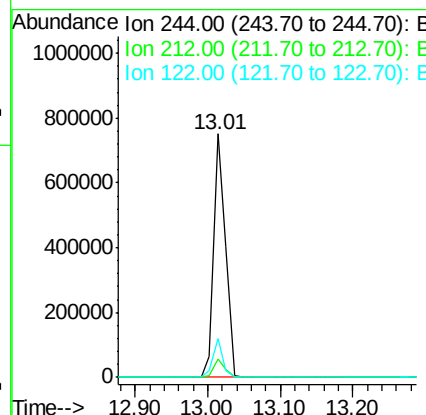
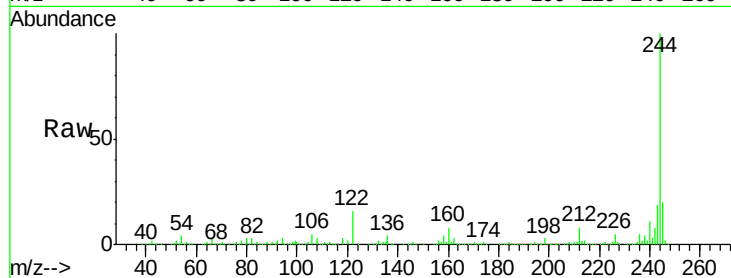




#78
 Terphenyl-d14
 Concen: 62.66 ng
 RT: 13.01 min Scan# 956
 Delta R.T. -0.07 min
 Lab File: BF092833.D
 Acq: 7 Feb 2017 17:34

Instrument :
 BNA_F
 ClientSampleId :
 PB96777BL

Tgt Ion:244 Resp: 844819
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 15.9 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.53 min Scan# 1176
 Delta R.T. -0.08 min
 Lab File: BF092833.D
 Acq: 7 Feb 2017 17:34

Tgt Ion:264 Resp: 268839
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.4 17.4 26.0

