

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF021317\
 Data File : BF092925.D
 Acq On : 13 Feb 2017 18:29
 Operator : SJ/MA
 Sample : PB96899BL
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96899BL

Quant Time: Feb 14 00:39:13 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 13 18:04:38 2017
 Response via : Initial Calibration

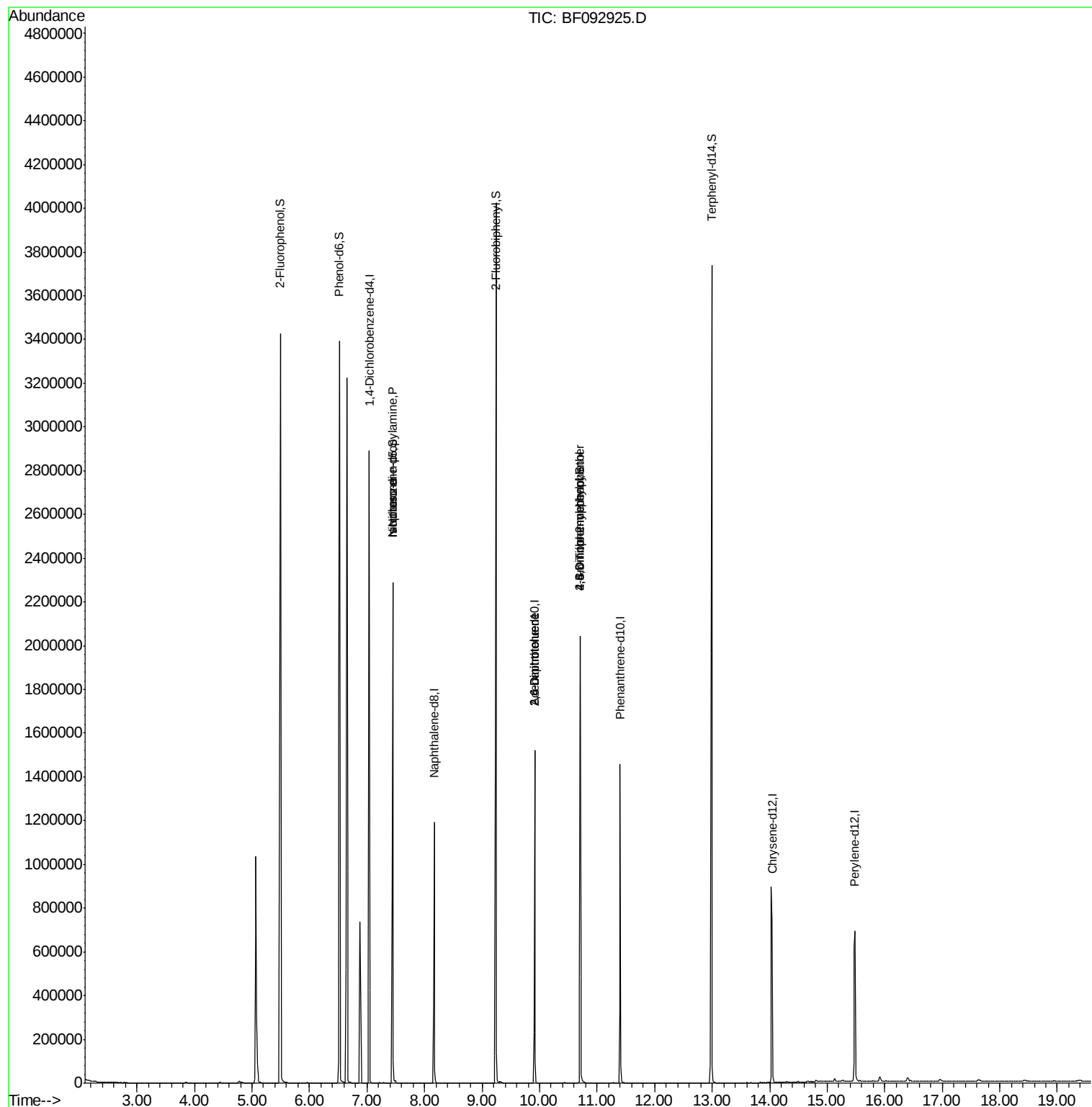
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.04	152	420972	20.00	ng	0.15
21) Naphthalene-d8	8.17	136	559273	20.00	ng	0.00
38) Acenaphthene-d10	9.92	164	310747	20.00	ng	-0.01
63) Phenanthrene-d10	11.40	188	527897	20.00	ng	0.00
75) Chrysene-d12	14.04	240	435870	20.00	ng	-0.01
86) Perylene-d12	15.48	264	372539	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.49	112	1018296	41.50	ng	0.01
7) Phenol-d6	6.52	99	1298720	41.14	ng	-0.01
23) Nitrobenzene-d5	7.45	82	770823	76.75	ng	-0.01
41) 2,4,6-Tribromophenol	10.70	330	244114	108.62	ng	-0.01
44) 2-Fluorobiphenyl	9.24	172	1366570	79.67	ng	0.00
78) Terphenyl-d14	12.99	244	1320532	71.19	ng	0.00
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.45	70	101741	5.06	ng	# 81
25) Isophorone	7.45	82	570262	30.47	ng	# 65
50) 2,6-Dinitrotoluene	9.92	165	39381	8.71	ng	# 30
56) 2,4-Dinitrotoluene	9.92	165	39383	6.54	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.70	198	393	2.78	ng	# 1
66) 4-Bromophenyl-phenylether	10.70	248	17661	3.20	ng	# 1

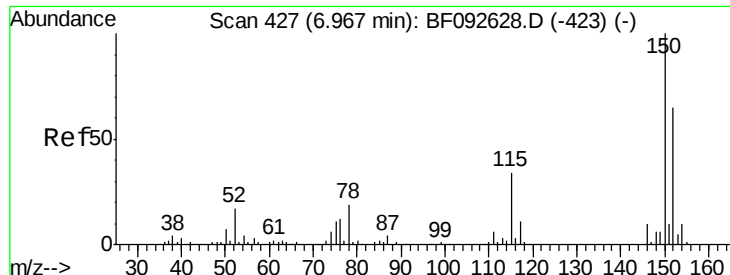
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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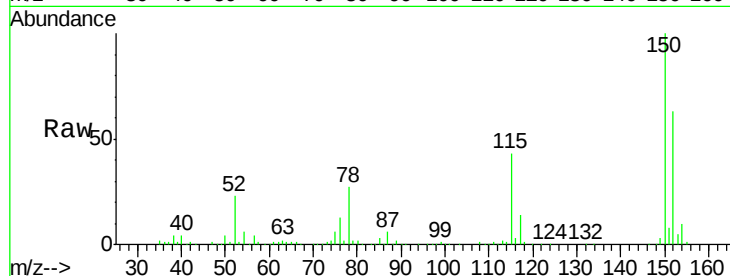


#1

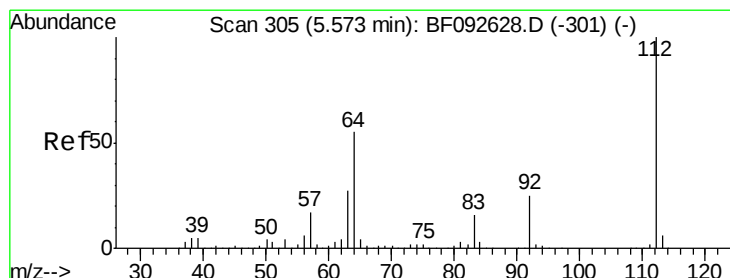
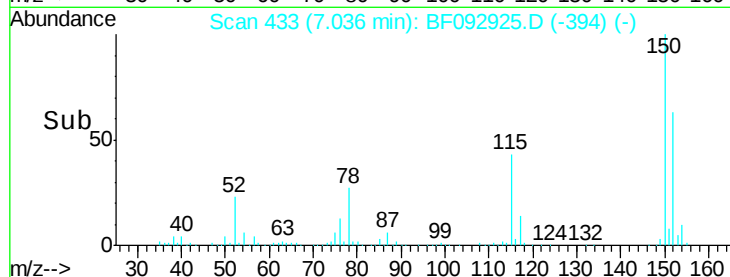
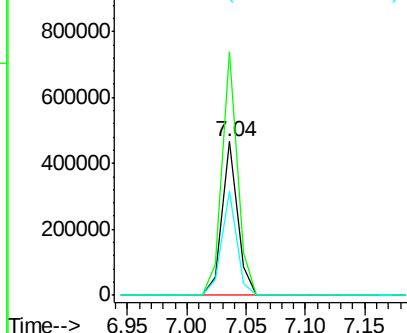
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 7.04 min Scan# 433
 Delta R.T. 0.15 min
 Lab File: BF092925.D
 Acq: 13 Feb 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB96899BL

Tgt Ion:152 Resp: 420972
 Ion Ratio Lower Upper
 152 100
 150 158.3 124.9 187.3
 115 67.3 46.0 69.0



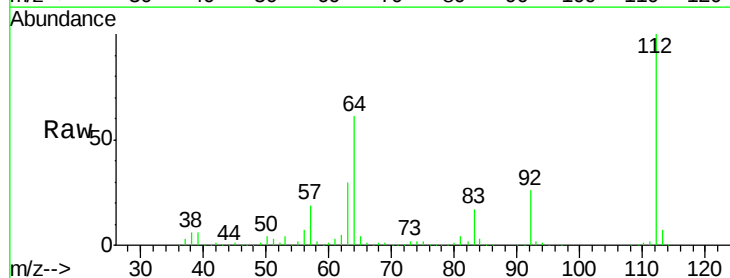
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



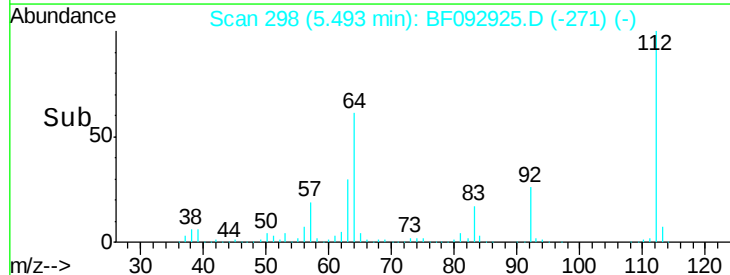
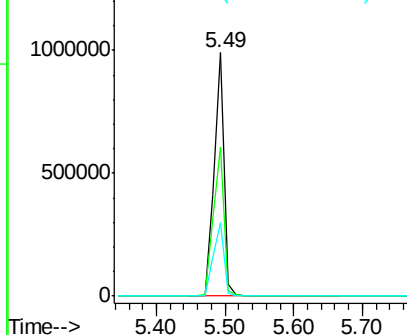
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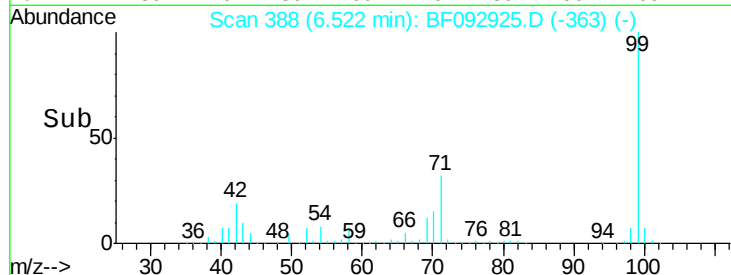
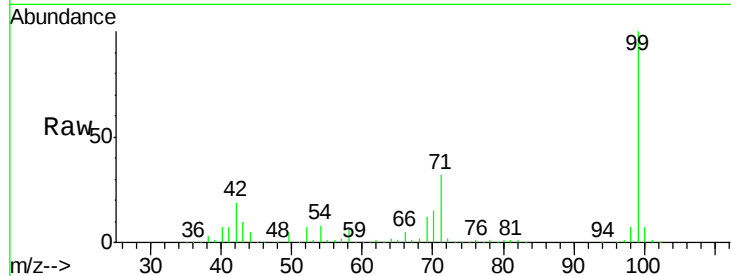
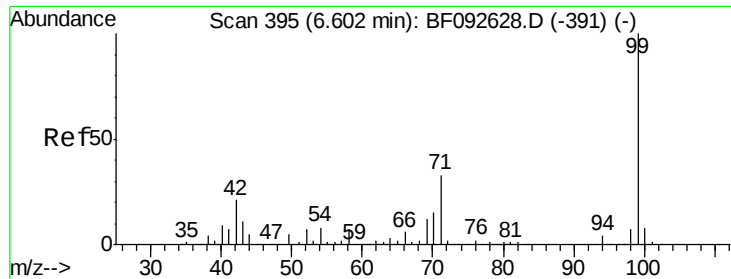
2-Fluorophenol
 Concen: 41.50 ng
 RT: 5.49 min Scan# 298
 Delta R.T. 0.01 min
 Lab File: BF092925.D
 Acq: 13 Feb 2017 18:29

Tgt Ion:112 Resp: 1018296
 Ion Ratio Lower Upper
 112 100
 64 61.3 46.1 69.1
 63 30.3 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: 41.14 ng

RT: 6.52 min Scan# 388

Delta R.T. -0.01 min

Lab File: BF092925.D

Acq: 13 Feb 2017 18:29

Instrument :

BNA_F

ClientSampleId :

PB96899BL

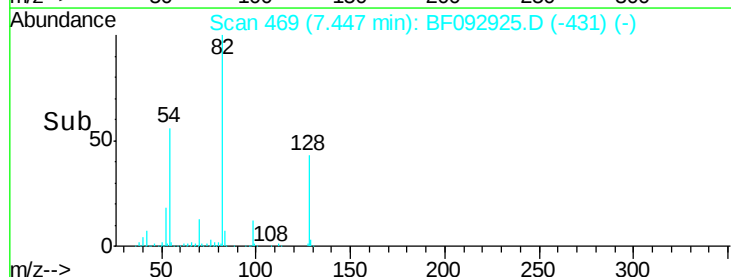
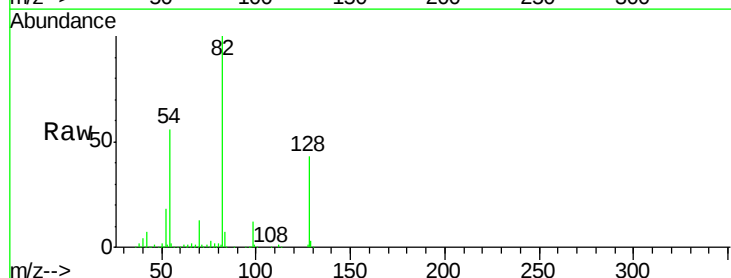
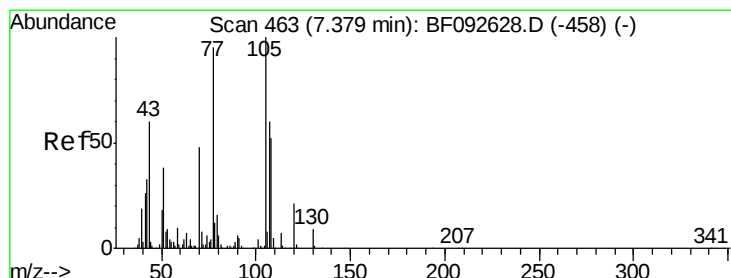
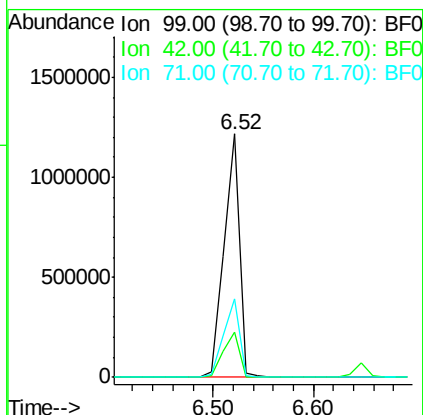
Tgt Ion: 99 Resp: 1298720

Ion Ratio Lower Upper

99 100

42 18.7 15.6 23.4

71 32.1 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 5.06 ng

RT: 7.45 min Scan# 469

Delta R.T. 0.14 min

Lab File: BF092925.D

Acq: 13 Feb 2017 18:29

Tgt Ion: 70 Resp: 101741

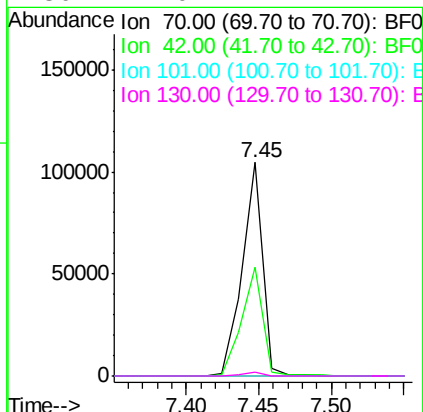
Ion Ratio Lower Upper

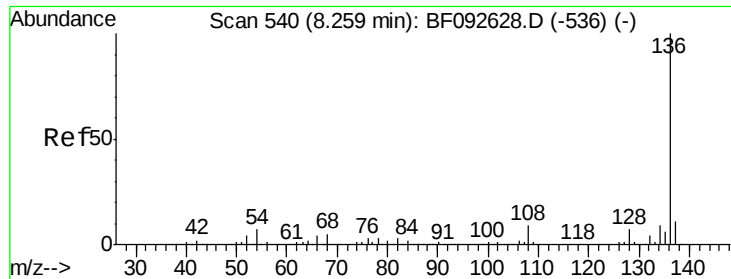
70 100

42 51.1 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

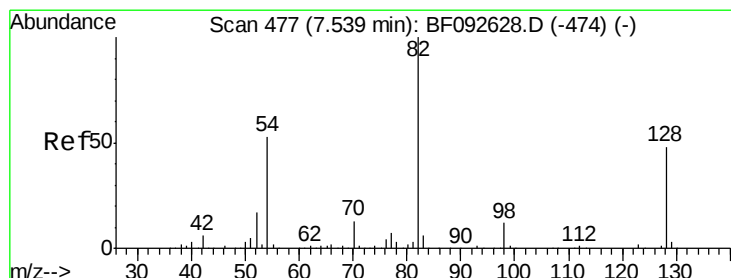
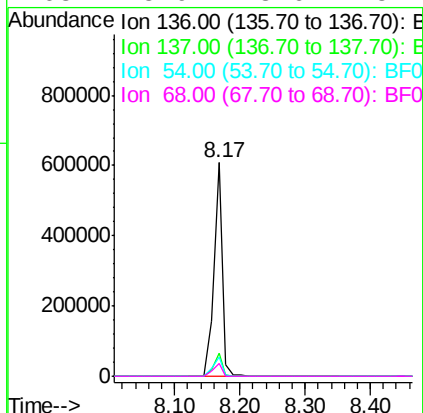
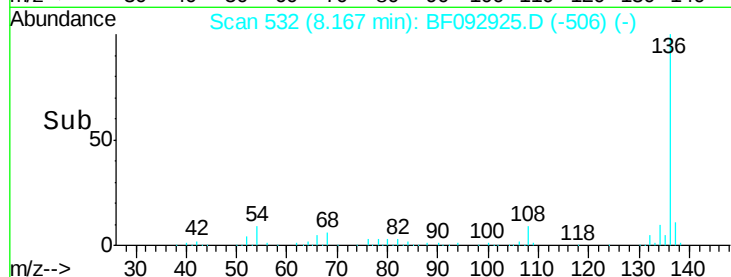
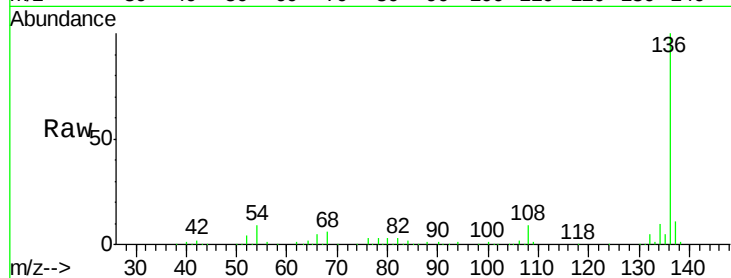




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.17 min Scan# 532
Delta R.T. 0.00 min
Lab File: BF092925.D
Acq: 13 Feb 2017 18:29

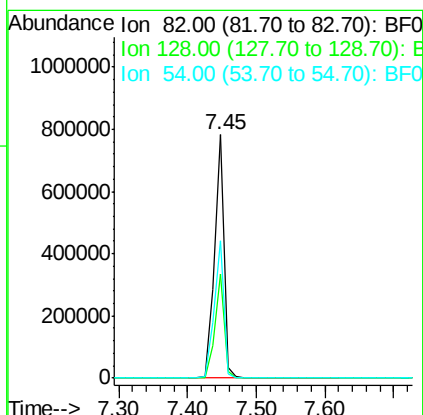
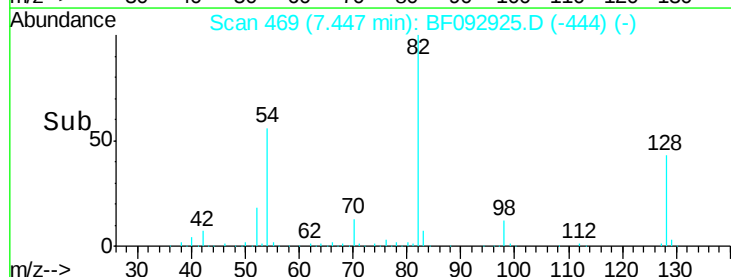
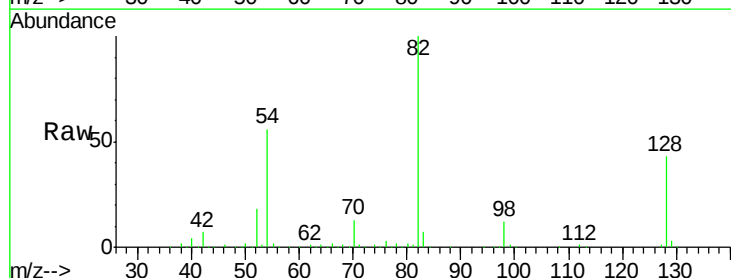
Instrument :
BNA_F
ClientSampleId :
PB96899BL

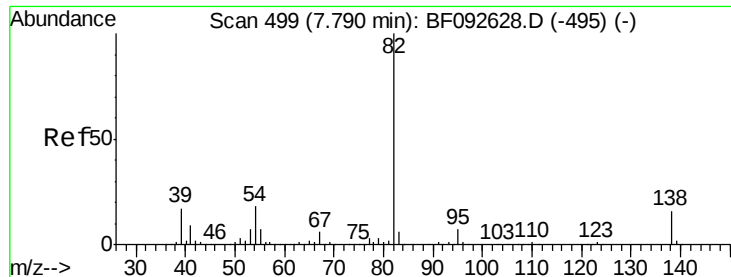
Tgt Ion:	136	Resp:	559273
Ion	Ratio	Lower	Upper
136	100		
137	10.9	8.4	12.6
54	8.8	4.5	6.7#
68	5.9	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 76.75 ng
RT: 7.45 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092925.D
Acq: 13 Feb 2017 18:29

Tgt Ion:	82	Resp:	770823
Ion	Ratio	Lower	Upper
82	100		
128	42.8	34.6	52.0
54	56.2	39.5	59.3





#25

Isophorone

Concen: 30.47 ng

RT: 7.45 min Scan# 469

Delta R.T. -0.26 min

Lab File: BF092925.D

Acq: 13 Feb 2017 18:29

Instrument :

BNA_F

ClientSampleId :

PB96899BL

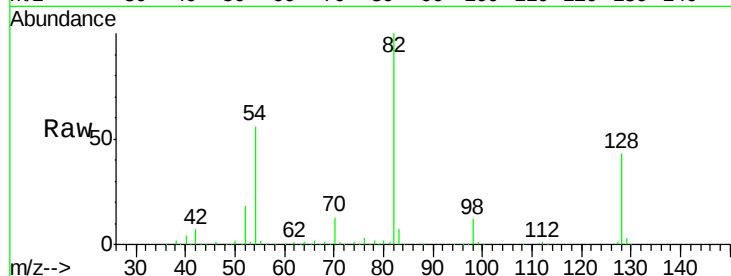
Tgt Ion: 82 Resp: 570262

Ion Ratio Lower Upper

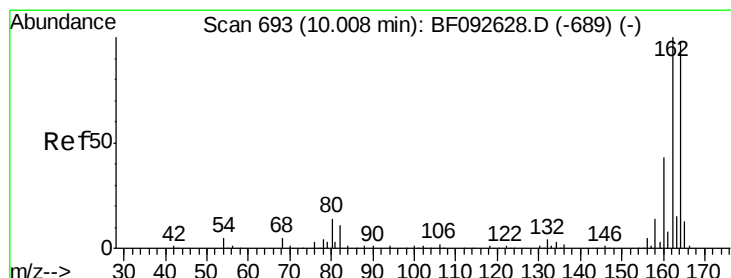
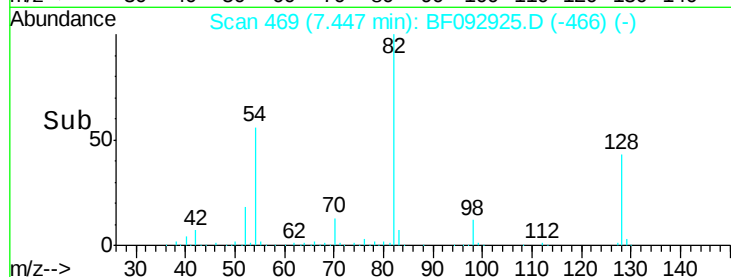
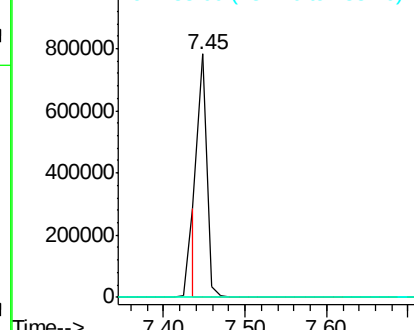
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.92 min Scan# 685

Delta R.T. -0.01 min

Lab File: BF092925.D

Acq: 13 Feb 2017 18:29

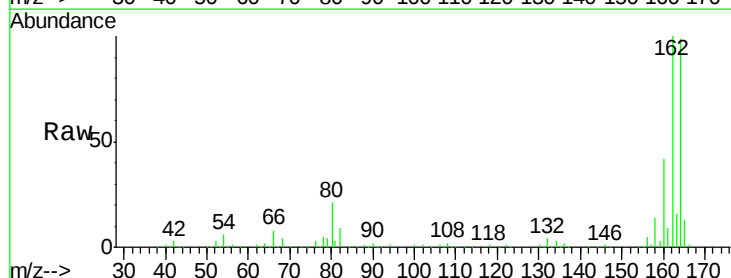
Tgt Ion: 164 Resp: 310747

Ion Ratio Lower Upper

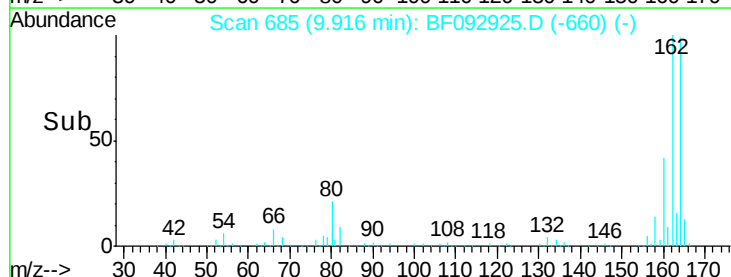
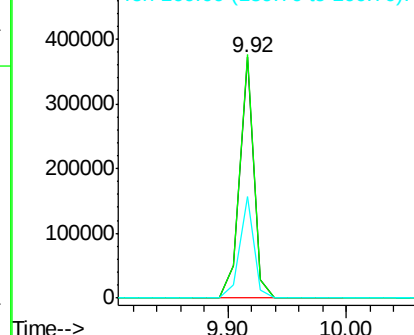
164 100

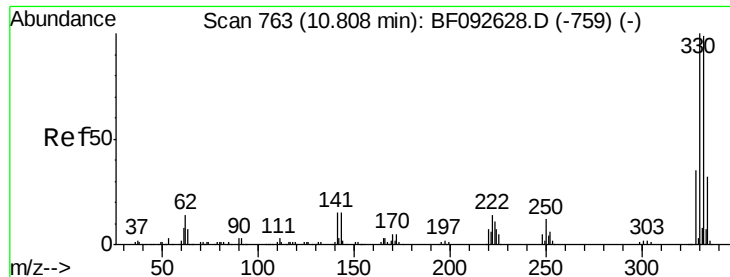
162 101.2 80.2 120.2

160 42.2 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

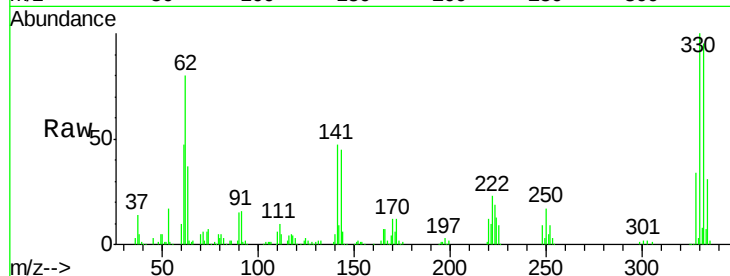




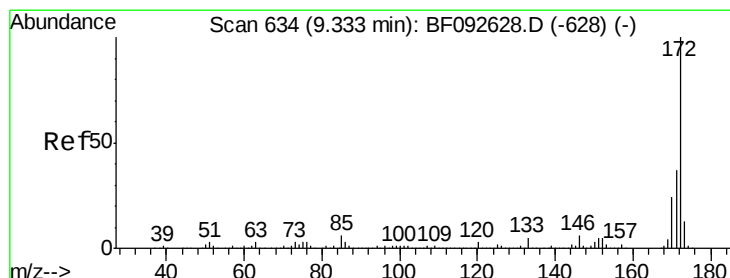
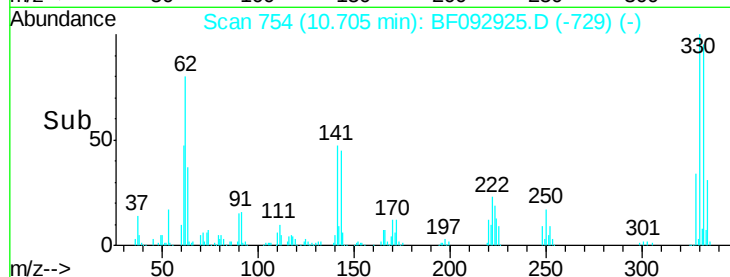
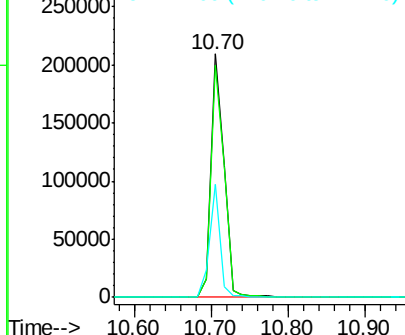
#41
 2,4,6-Tribromophenol
 Concen: 108.62 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092925.D
 Acq: 13 Feb 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB96899BL

Tgt Ion:330 Resp: 244114
 Ion Ratio Lower Upper
 330 100
 332 96.5 77.4 116.2
 141 37.7 34.1 51.1

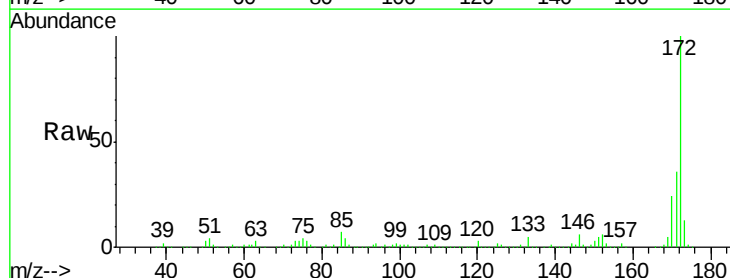


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

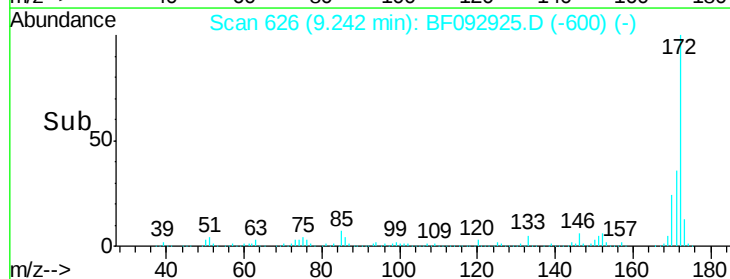
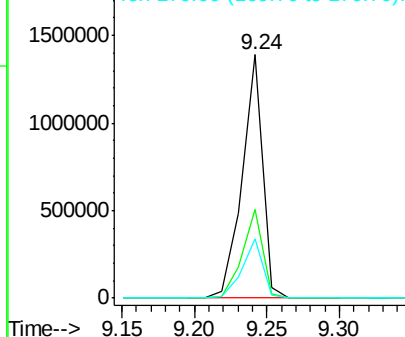


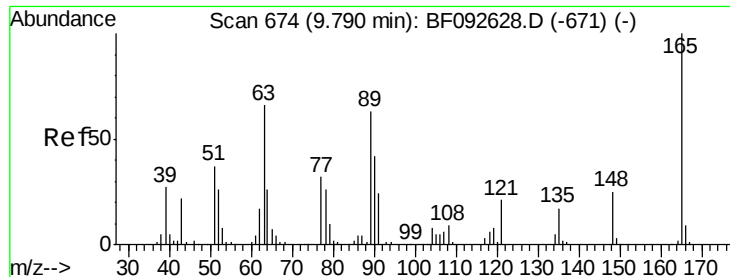
#44
 2-Fluorobiphenyl
 Concen: 79.67 ng
 RT: 9.24 min Scan# 626
 Delta R.T. 0.00 min
 Lab File: BF092925.D
 Acq: 13 Feb 2017 18:29

Tgt Ion:172 Resp: 1366570
 Ion Ratio Lower Upper
 172 100
 171 36.2 29.4 44.0
 170 24.4 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

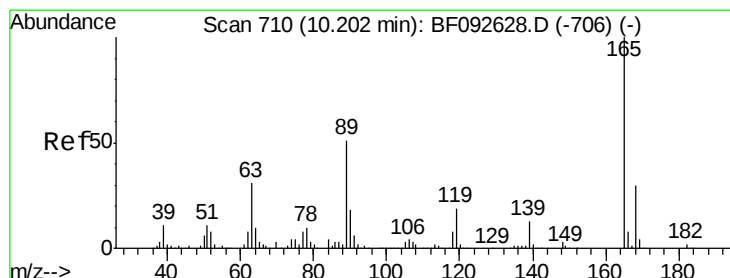
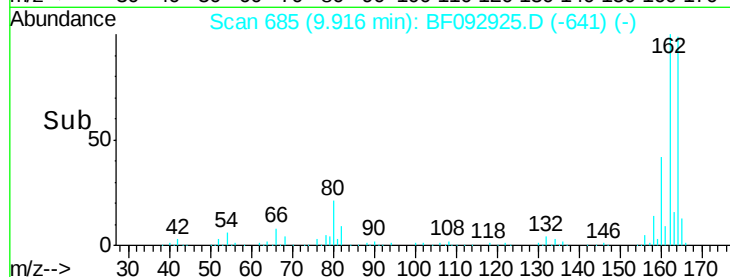
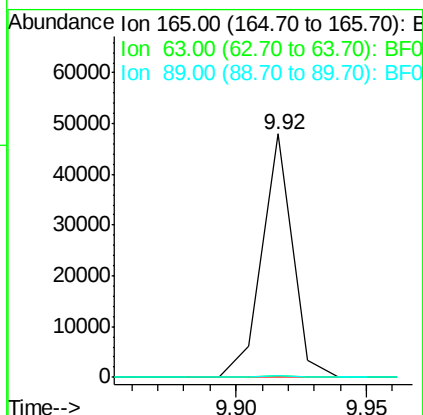
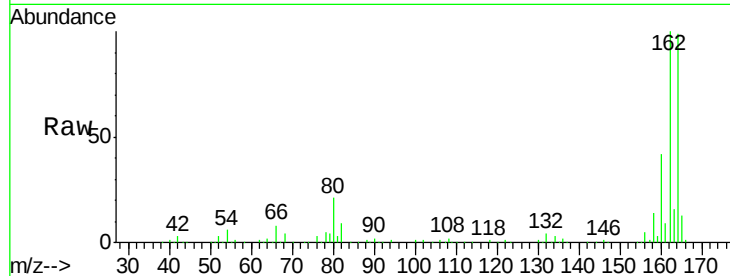




#50
 2,6-Dinitrotoluene
 Concen: 8.71 ng
 RT: 9.92 min Scan# 685
 Delta R.T. 0.21 min
 Lab File: BF092925.D
 Acq: 13 Feb 2017 18:29

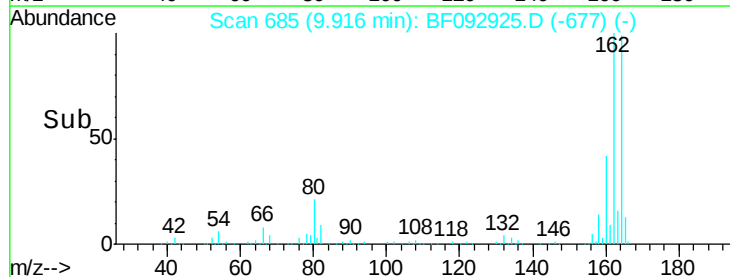
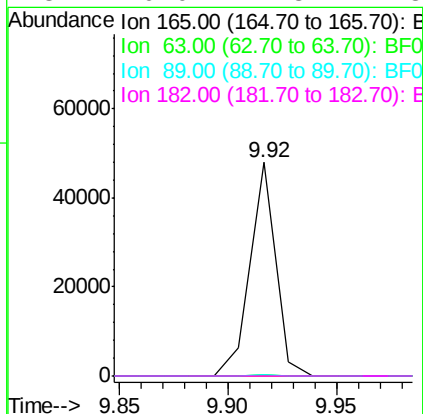
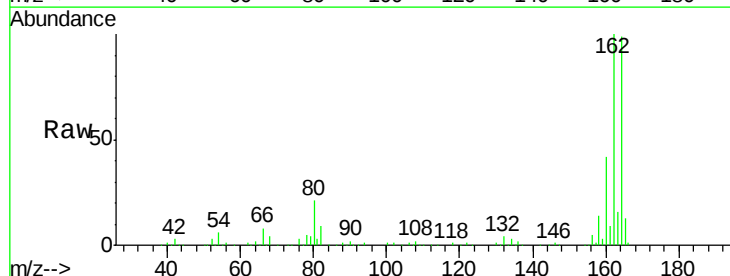
Instrument :
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 PB96899BL

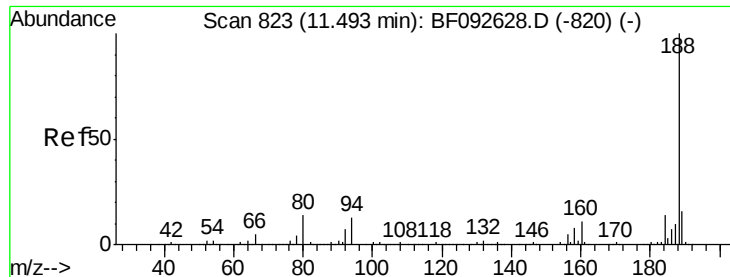
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	36.2	54.4#
89	0.7	40.2	60.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.54 ng
 RT: 9.92 min Scan# 685
 Delta R.T. -0.21 min
 Lab File: BF092925.D
 Acq: 13 Feb 2017 18:29

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	40.2	60.4#
89	0.7	62.5	93.7#
182	0.0	1.8	2.8#

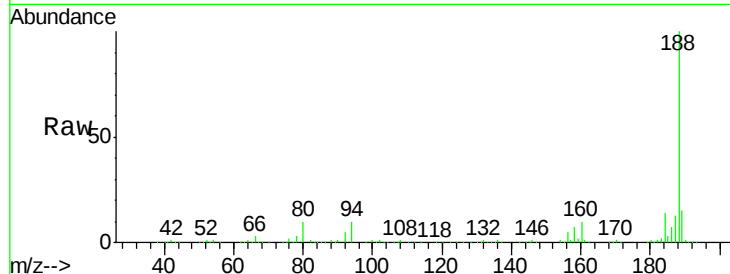




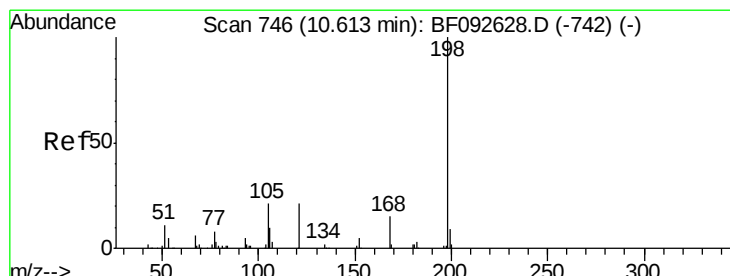
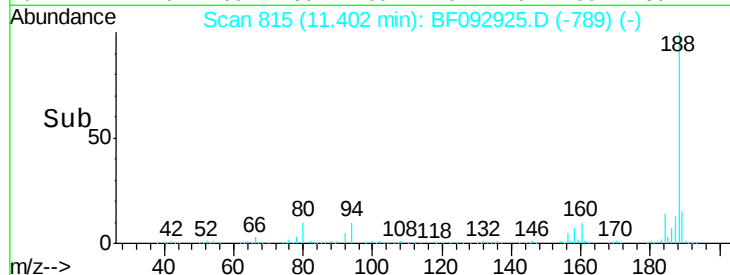
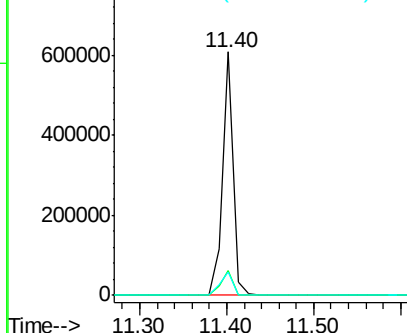
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.40 min Scan# 815
Delta R.T. 0.00 min
Lab File: BF092925.D
Acq: 13 Feb 2017 18:29

Instrument :
BNA_F
ClientSampleId :
PB96899BL

Tgt Ion:188 Resp: 527897
Ion Ratio Lower Upper
188 100
94 10.0 10.0 15.0#
80 9.8 11.2 16.8#

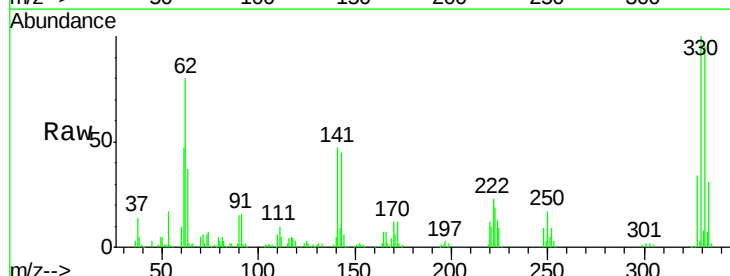


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

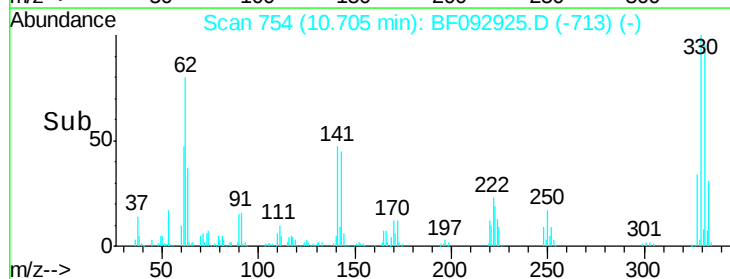
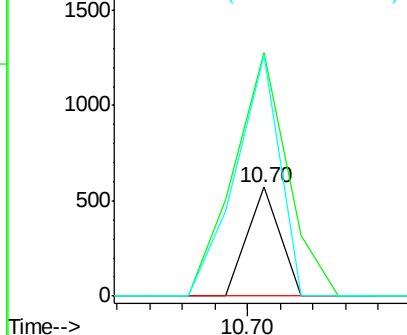


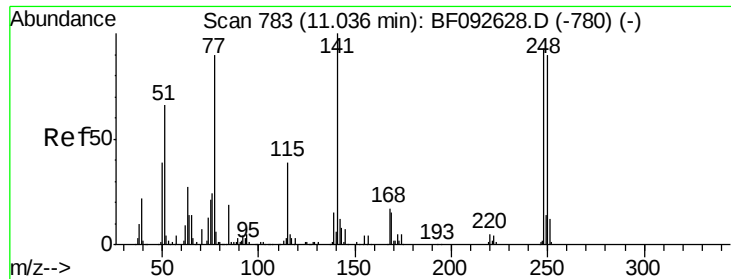
#64
4,6-Dinitro-2-methylphenol
Concen: 2.78 ng
RT: 10.70 min Scan# 754
Delta R.T. 0.17 min
Lab File: BF092925.D
Acq: 13 Feb 2017 18:29

Tgt Ion:198 Resp: 393
Ion Ratio Lower Upper
198 100
51 223.0 6.7 46.7#
105 220.6 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

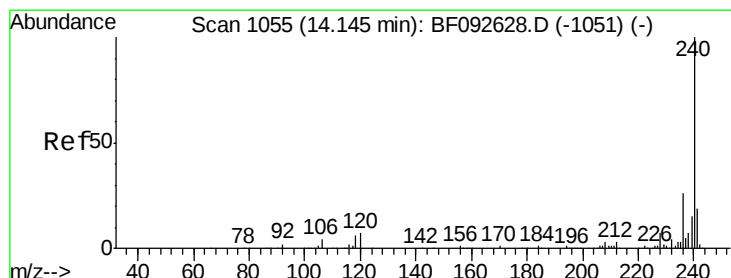
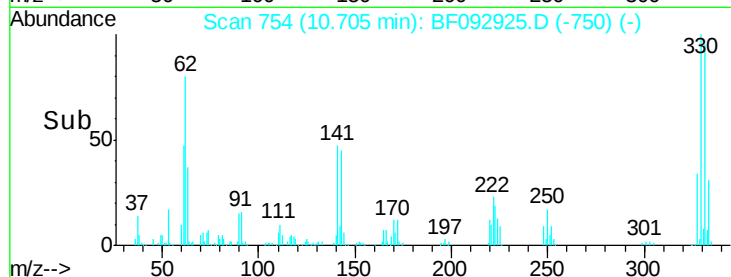
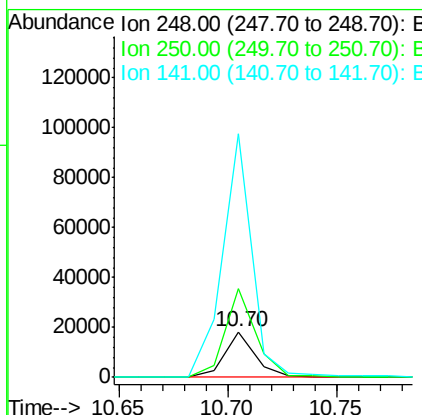
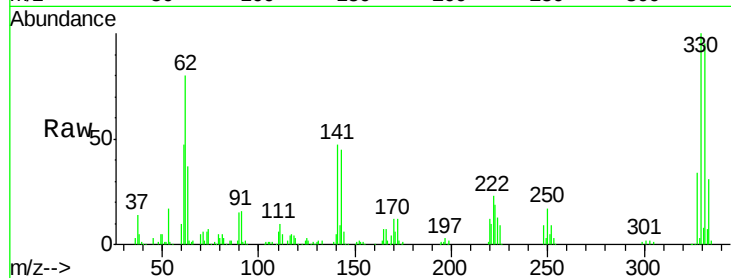




#66
 4-Bromophenyl-phenylether
 Concen: 3.20 ng
 RT: 10.70 min Scan# 754
 Delta R.T. -0.25 min
 Lab File: BF092925.D
 Acq: 13 Feb 2017 18:29

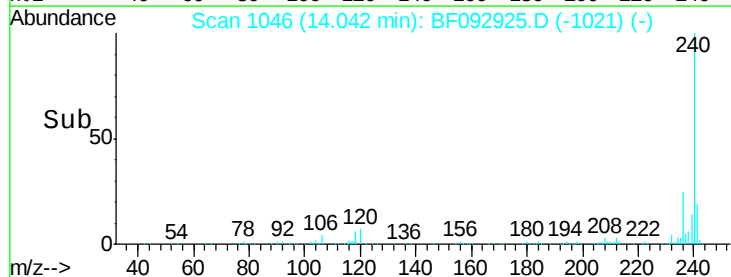
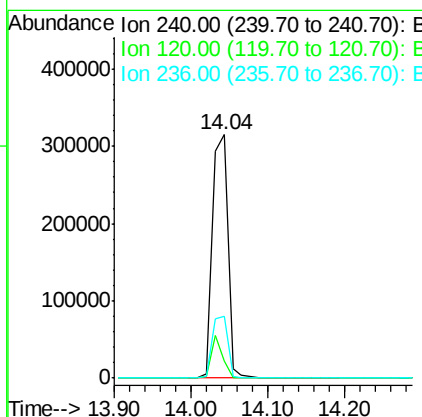
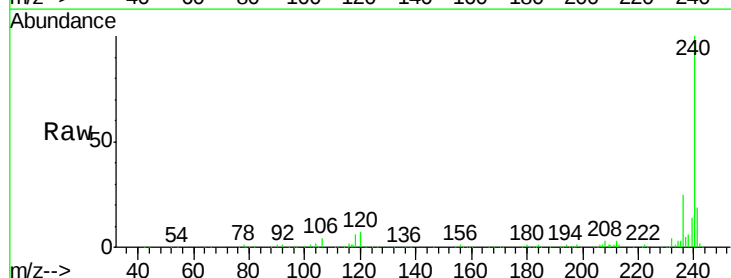
Instrument :
 BNA_F
 ClientSampleId :
 PB96899BL

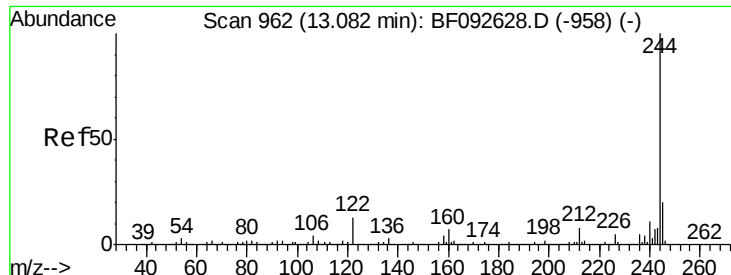
Tgt Ion:248 Resp: 17661
 Ion Ratio Lower Upper
 248 100
 250 196.3 76.9 115.3#
 141 538.6 68.2 102.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.04 min Scan# 1046
 Delta R.T. -0.01 min
 Lab File: BF092925.D
 Acq: 13 Feb 2017 18:29

Tgt Ion:240 Resp: 435870
 Ion Ratio Lower Upper
 240 100
 120 6.8 12.9 19.3#
 236 25.5 20.9 31.3

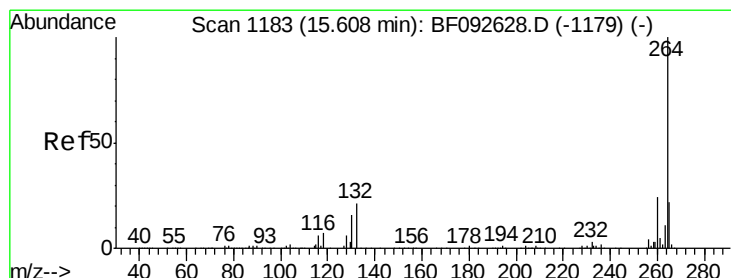
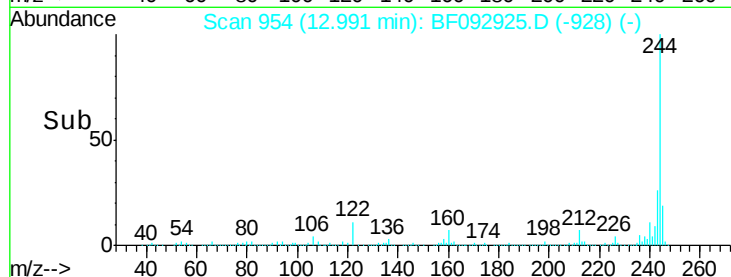
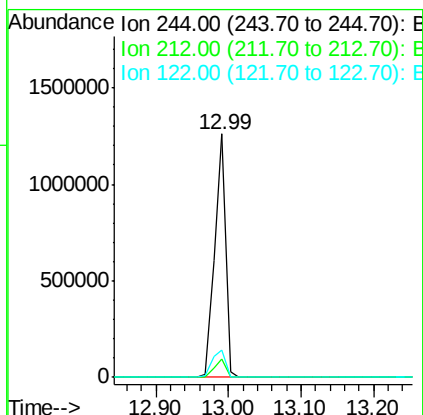
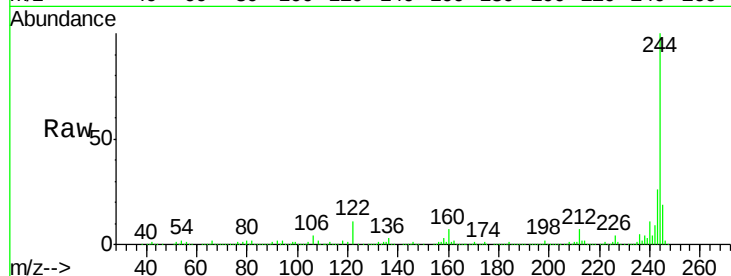




#78
 Terphenyl-d14
 Concen: 71.19 ng
 RT: 12.99 min Scan# 954
 Delta R.T. 0.00 min
 Lab File: BF092925.D
 Acq: 13 Feb 2017 18:29

Instrument :
 BNA_F
 ClientSampleId :
 PB96899BL

Tgt Ion:244 Resp: 1320532
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 11.0 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.48 min Scan# 1172
 Delta R.T. 0.00 min
 Lab File: BF092925.D
 Acq: 13 Feb 2017 18:29

Tgt Ion:264 Resp: 372539
 Ion Ratio Lower Upper
 264 100
 260 23.8 19.2 28.8
 265 21.4 17.4 26.0

