

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF020717\
 Data File : BF092830.D
 Acq On : 7 Feb 2017 16:11
 Operator : SJ/MA
 Sample : PB96775BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BL

Quant Time: Feb 07 23:46:55 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

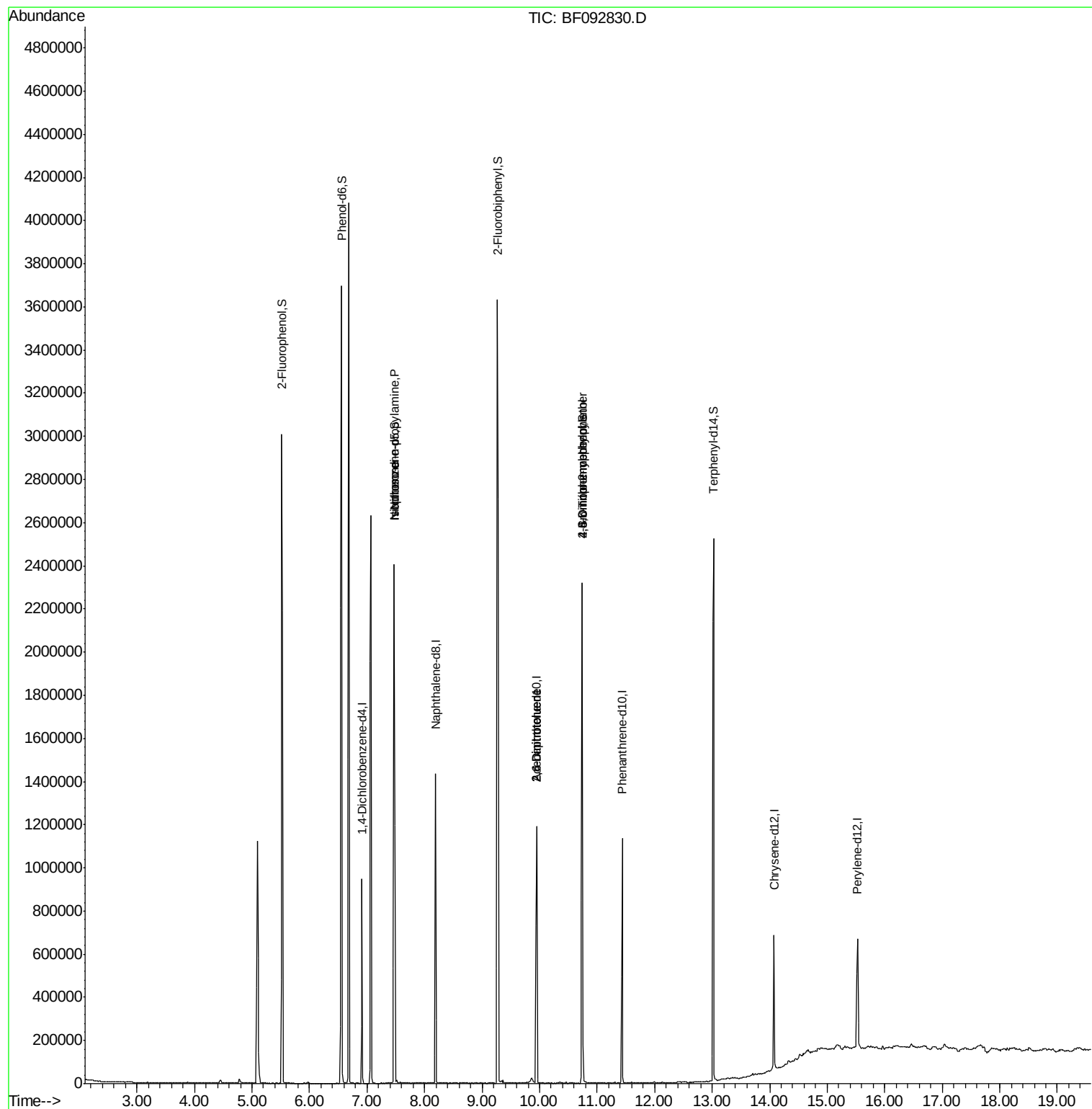
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.91	152	146382	20.00	ng	-0.06
21) Naphthalene-d8	8.19	136	614313	20.00	ng	-0.07
38) Acenaphthene-d10	9.95	164	323651	20.00	ng	-0.06
63) Phenanthrene-d10	11.44	188	459411	20.00	ng	-0.06
75) Chrysene-d12	14.08	240	307838	20.00	ng	-0.07
86) Perylene-d12	15.53	264	247424	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.52	112	1138986	133.49	ng	-0.06
7) Phenol-d6	6.56	99	1487414	135.49	ng	-0.05
23) Nitrobenzene-d5	7.47	82	964462	87.43	ng	-0.07
41) 2,4,6-Tribromophenol	10.74	330	250816	107.15	ng	-0.07
44) 2-Fluorobiphenyl	9.26	172	1649303	92.32	ng	-0.07
78) Terphenyl-d14	13.03	244	1106349	84.45	ng	-0.06
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.47	70	126051	18.04	ng	# 85
25) Isophorone	7.47	82	959843	46.69	ng	# 65
50) 2,6-Dinitrotoluene	9.95	165	40617	8.63	ng	# 30
56) 2,4-Dinitrotoluene	9.95	165	40619	6.48	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.74	198	733	2.92	ng	# 1
66) 4-Bromophenyl-phenylether	10.74	248	19278	4.02	ng	# 1

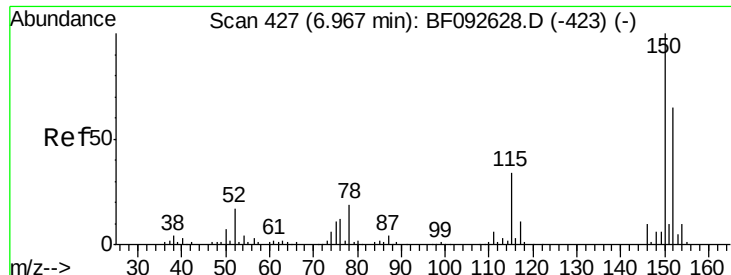
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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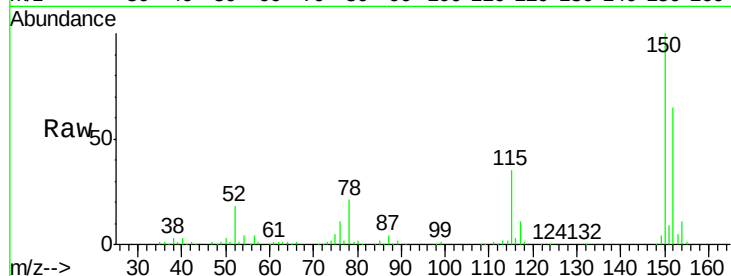


#1

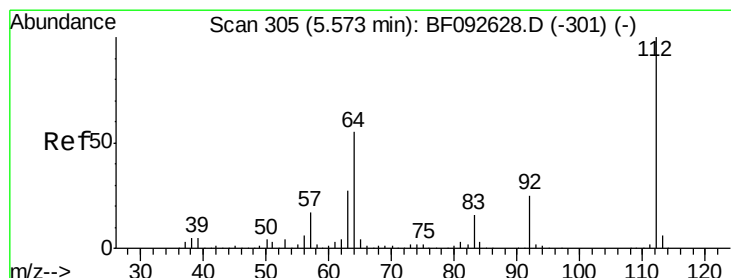
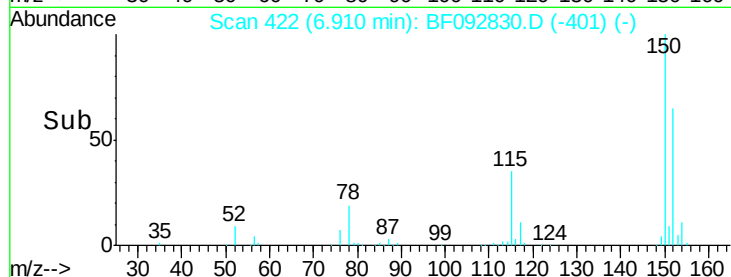
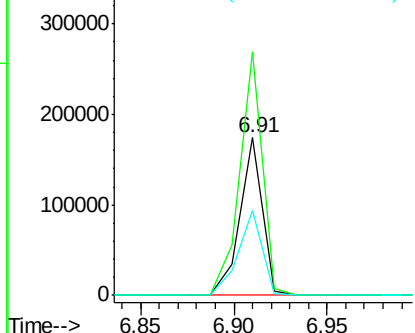
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.91 min Scan# 422
Delta R.T. -0.06 min
Lab File: BF092830.D
Acq: 7 Feb 2017 16:11

Instrument :
BNA_F
ClientSampleId :
PB96775BL

Tgt Ion:152 Resp: 146382
Ion Ratio Lower Upper
152 100
150 154.7 124.9 187.3
115 54.1 46.0 69.0



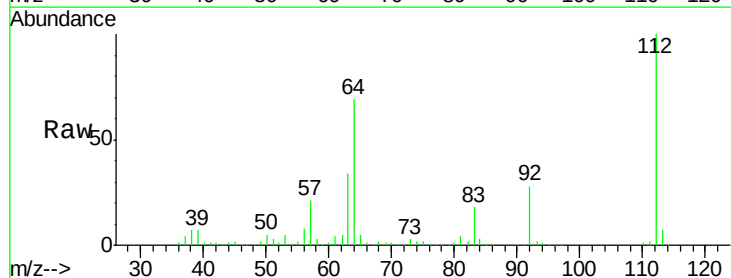
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



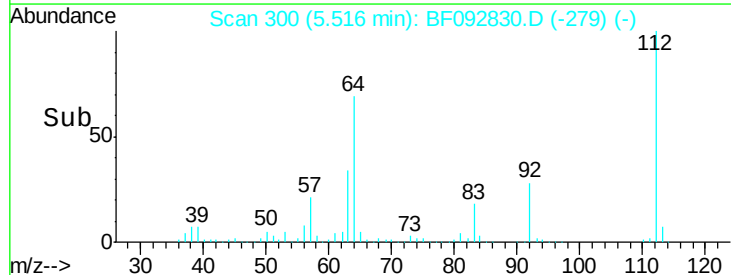
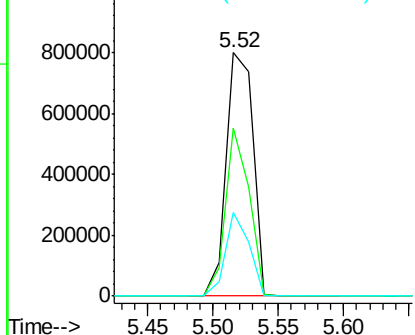
#5

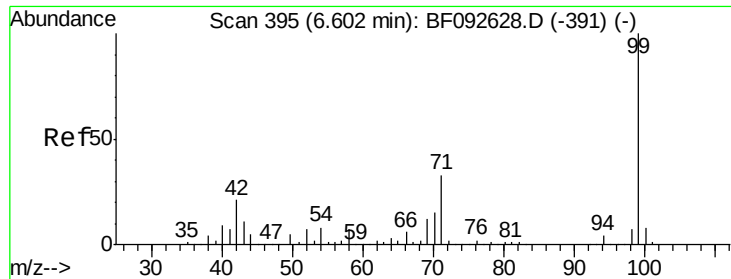
2-Fluorophenol
Concen: 133.49 ng
RT: 5.52 min Scan# 300
Delta R.T. -0.06 min
Lab File: BF092830.D
Acq: 7 Feb 2017 16:11

Tgt Ion:112 Resp: 1138986
Ion Ratio Lower Upper
112 100
64 69.0 46.1 69.1
63 34.4 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: 135.49 ng

RT: 6.56 min Scan# 391

Delta R.T. -0.05 min

Lab File: BF092830.D

Acq: 7 Feb 2017 16:11

Instrument :

BNA_F

ClientSampleId :

PB96775BL

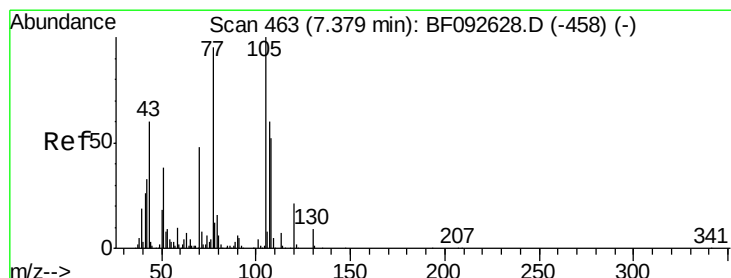
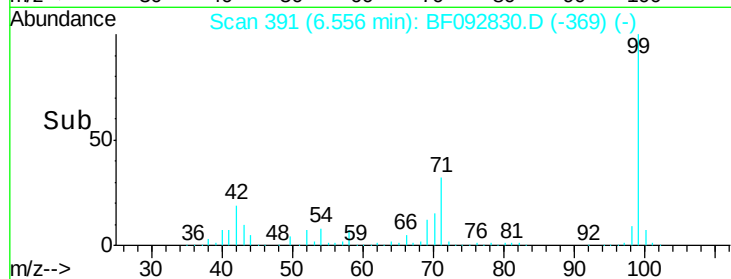
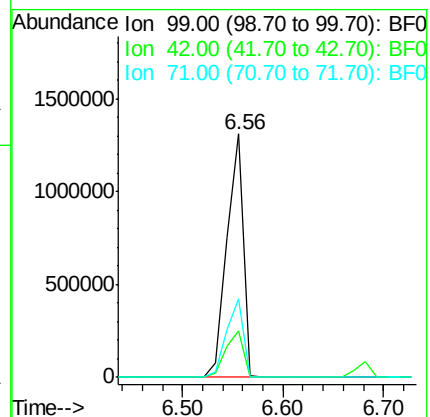
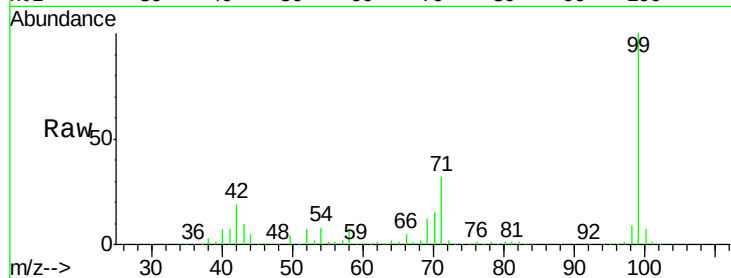
Tgt Ion: 99 Resp: 1487414

Ion Ratio Lower Upper

99 100

42 19.0 15.6 23.4

71 32.4 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 18.04 ng

RT: 7.47 min Scan# 471

Delta R.T. 0.09 min

Lab File: BF092830.D

Acq: 7 Feb 2017 16:11

Tgt Ion: 70 Resp: 126051

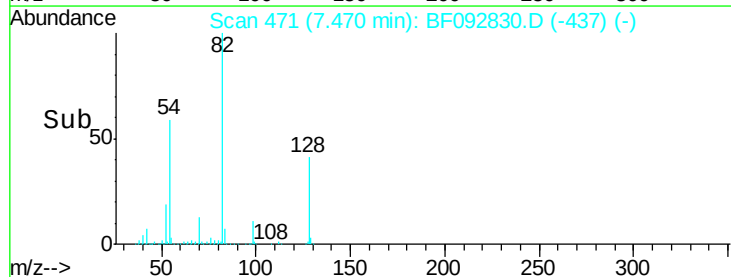
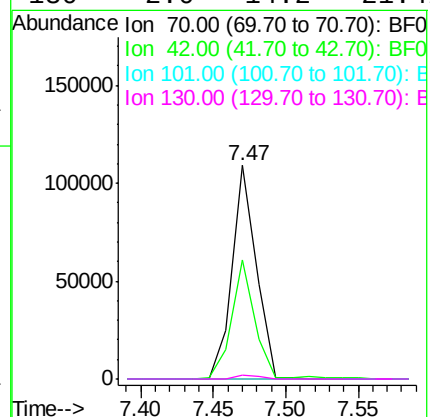
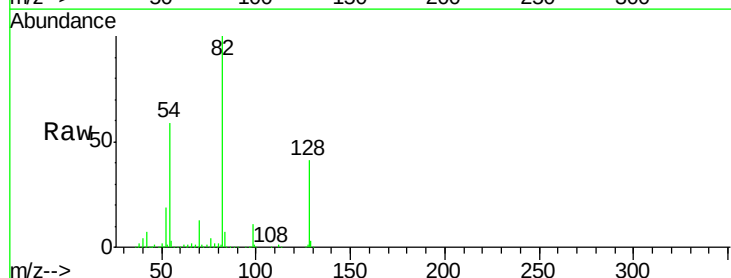
Ion Ratio Lower Upper

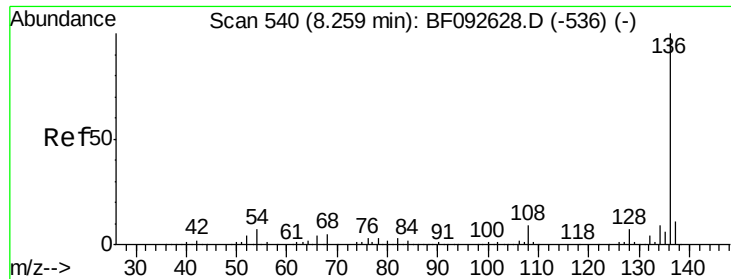
70 100

42 55.6 49.4 74.0

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

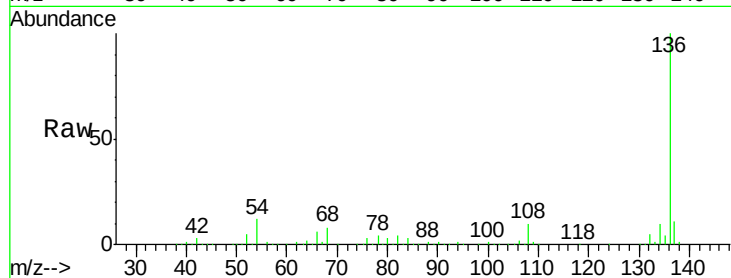




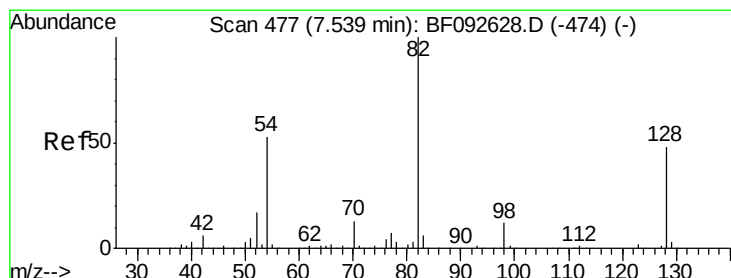
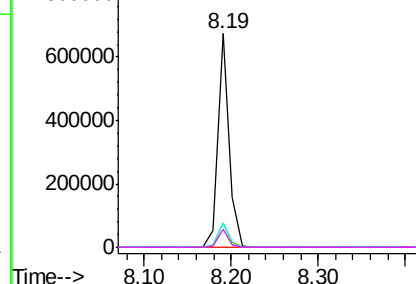
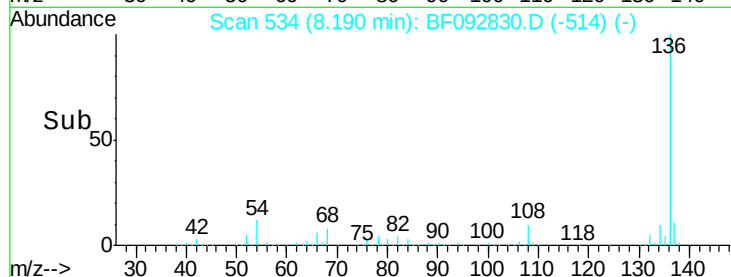
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.19 min Scan# 534
Delta R.T. -0.07 min
Lab File: BF092830.D
Acq: 7 Feb 2017 16:11

Instrument :
BNA_F
ClientSampleId :
PB96775BL

Tgt Ion:	136	Resp:	614313
Ion	Ratio	Lower	Upper
136	100		
137	11.4	8.4	12.6
54	11.5	4.5	6.7#
68	8.3	3.6	5.4#

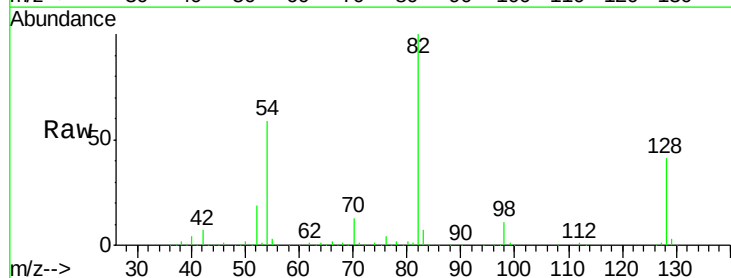


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

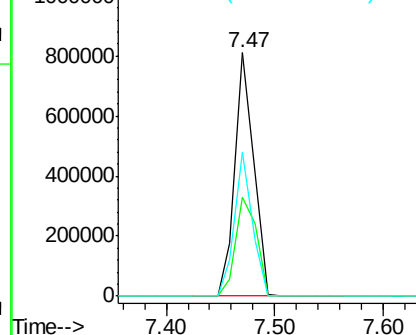
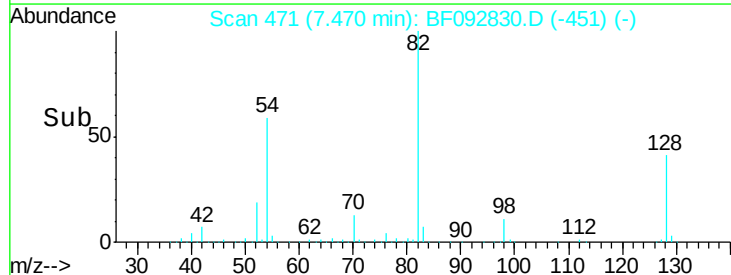


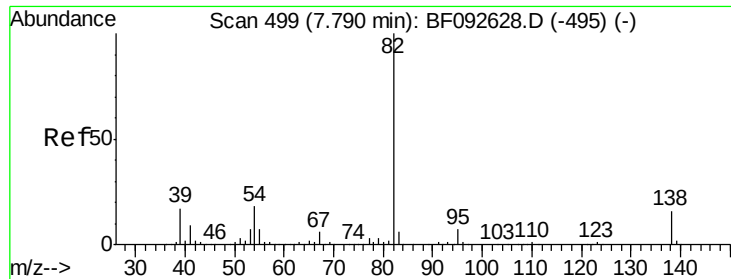
#23
Nitrobenzene-d5
Concen: 87.43 ng
RT: 7.47 min Scan# 471
Delta R.T. -0.07 min
Lab File: BF092830.D
Acq: 7 Feb 2017 16:11

Tgt Ion:	82	Resp:	964462
Ion	Ratio	Lower	Upper
82	100		
128	40.7	34.6	52.0
54	59.1	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: 46.69 ng

RT: 7.47 min Scan# 471

Delta R.T. -0.32 min

Lab File: BF092830.D

Acq: 7 Feb 2017 16:11

Instrument :

BNA_F

ClientSampled :

PB96775BL

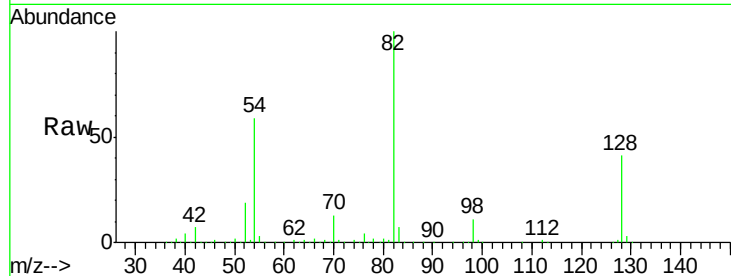
Tgt Ion: 82 Resp: 959843

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

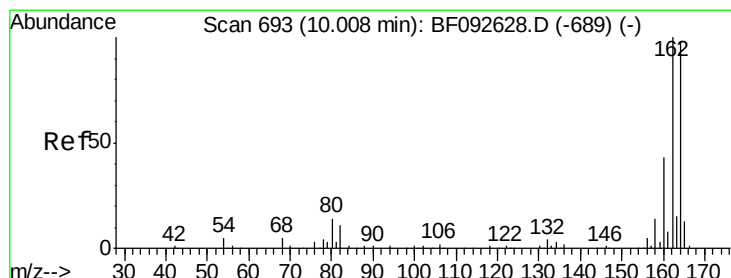
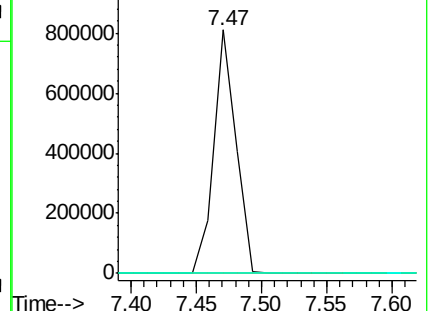
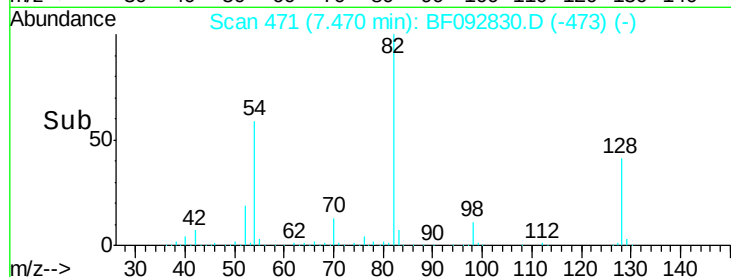
138 0.0 14.6 22.0#



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: 9.95 min Scan# 688

Delta R.T. -0.06 min

Lab File: BF092830.D

Acq: 7 Feb 2017 16:11

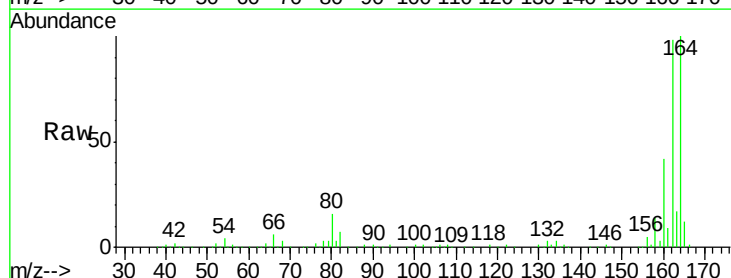
Tgt Ion: 164 Resp: 323651

Ion Ratio Lower Upper

164 100

162 98.3 80.2 120.2

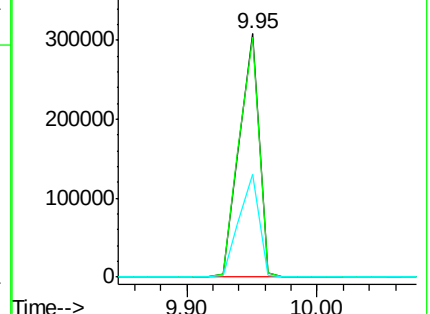
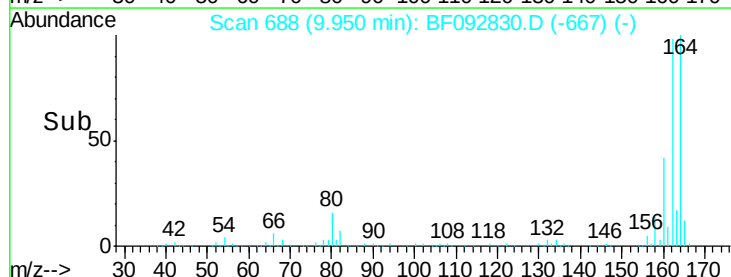
160 42.1 36.9 55.3

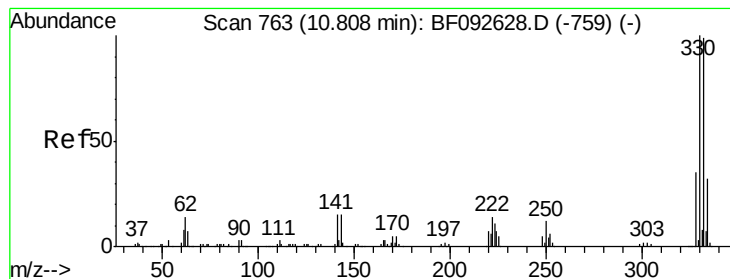


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

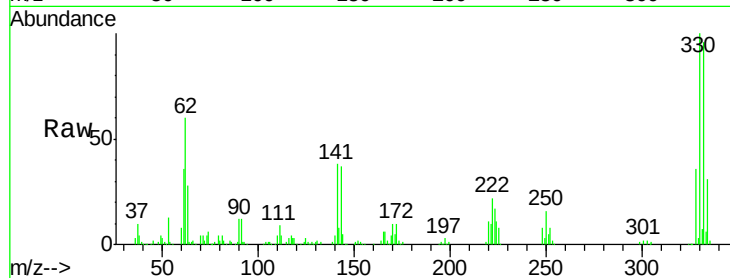




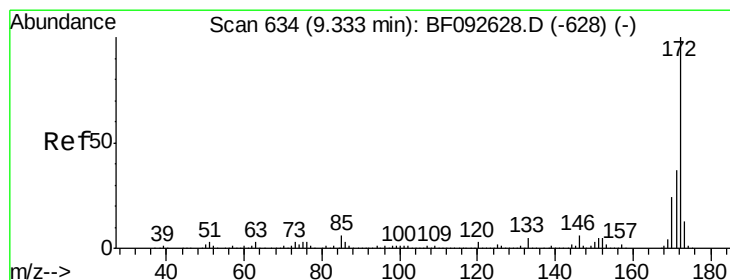
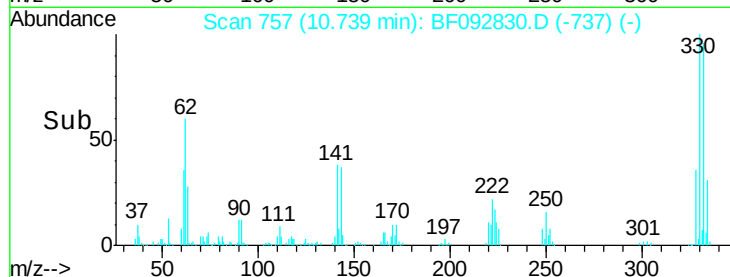
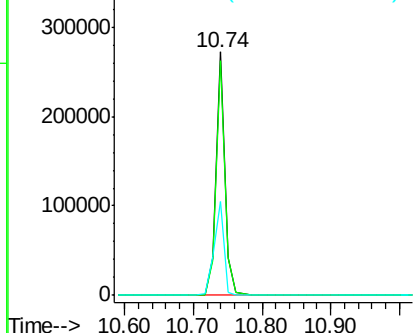
#41
 2,4,6-Tribromophenol
 Concen: 107.15 ng
 RT: 10.74 min Scan# 757
 Delta R.T. -0.07 min
 Lab File: BF092830.D
 Acq: 7 Feb 2017 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BL

Tgt Ion:330 Resp: 250816
 Ion Ratio Lower Upper
 330 100
 332 96.4 77.4 116.2
 141 42.4 34.1 51.1

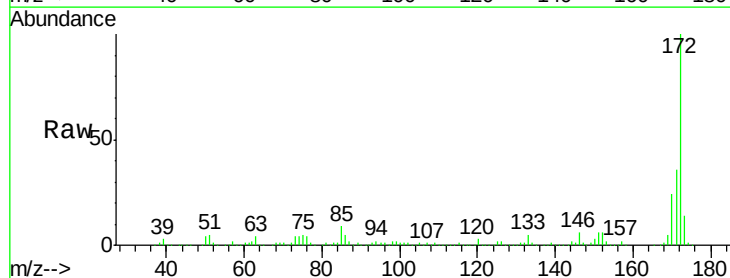


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

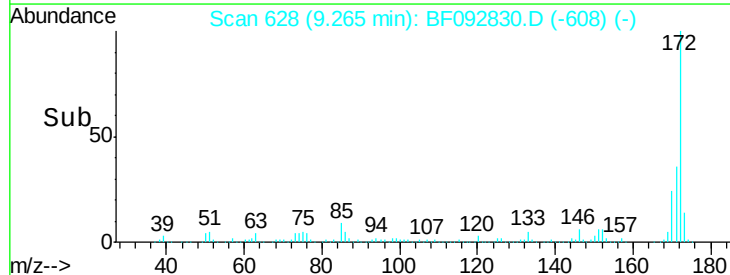
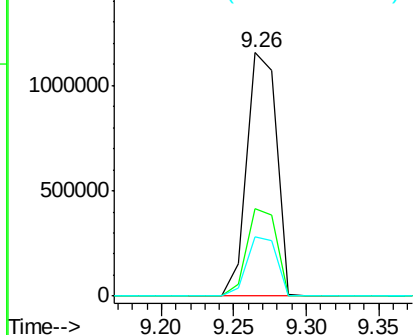


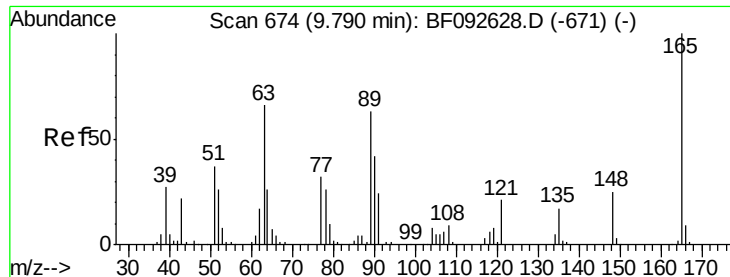
#44
 2-Fluorobiphenyl
 Concen: 92.32 ng
 RT: 9.26 min Scan# 628
 Delta R.T. -0.07 min
 Lab File: BF092830.D
 Acq: 7 Feb 2017 16:11

Tgt Ion:172 Resp: 1649303
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.5 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

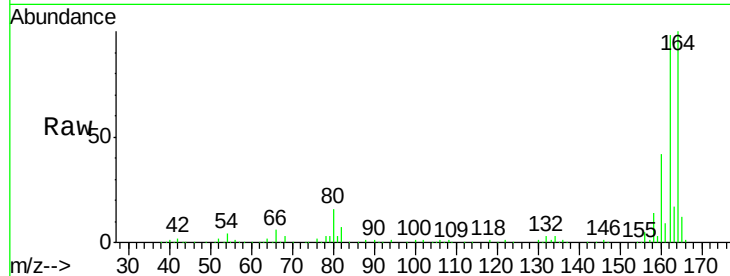




#50
 2,6-Dinitrotoluene
 Concen: 8.63 ng
 RT: 9.95 min Scan# 688
 Delta R.T. 0.16 min
 Lab File: BF092830.D
 Acq: 7 Feb 2017 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BL

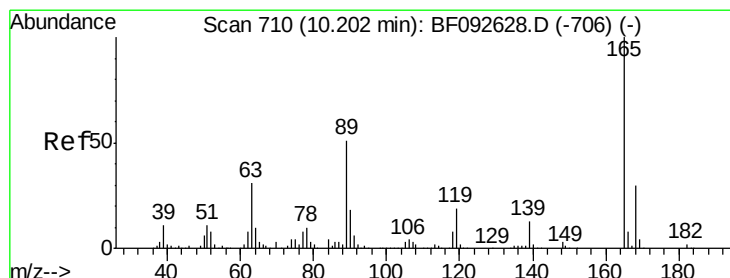
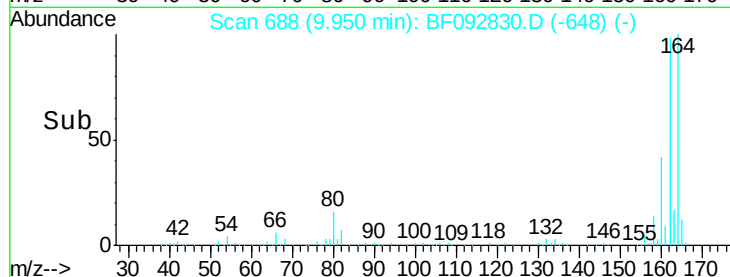
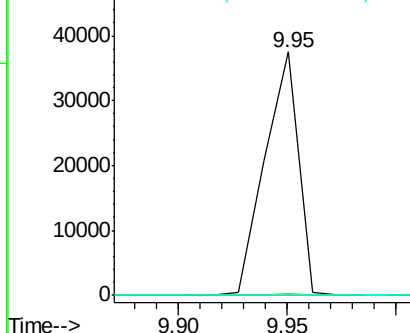
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	36.2	54.4#
89	0.0	40.2	60.4#



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: 6.48 ng
 RT: 9.95 min Scan# 688
 Delta R.T. -0.25 min
 Lab File: BF092830.D
 Acq: 7 Feb 2017 16:11

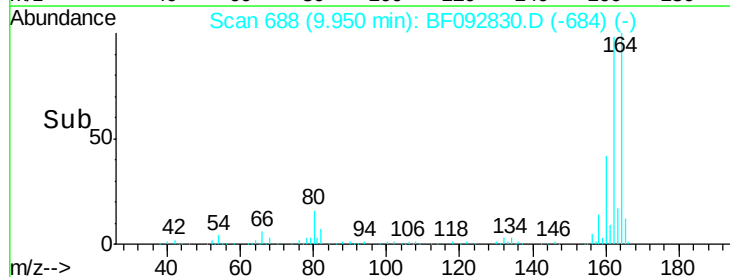
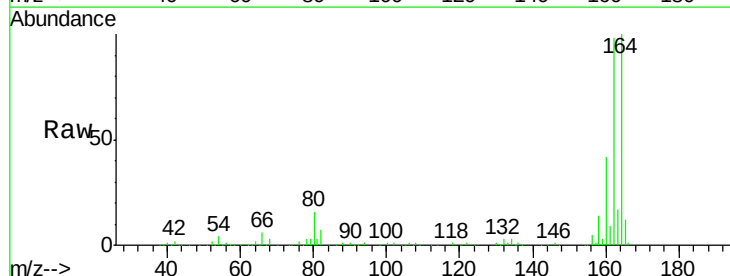
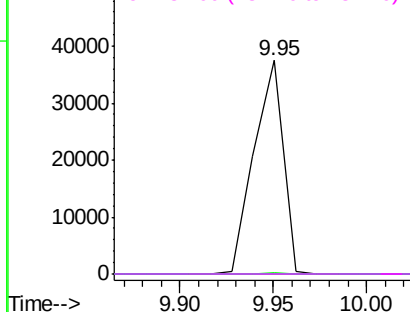
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.8	40.2	60.4#
89	0.0	62.5	93.7#
182	0.0	1.8	2.8#

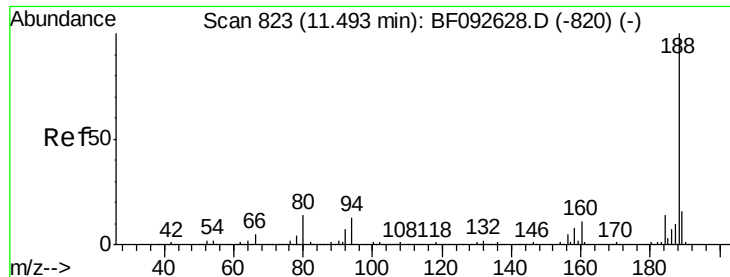
Abundance Ion 165.00 (164.70 to 165.70): E

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

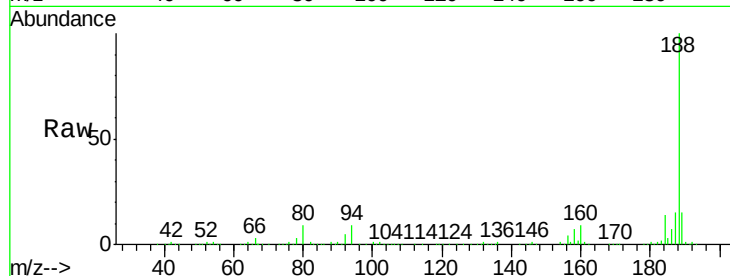




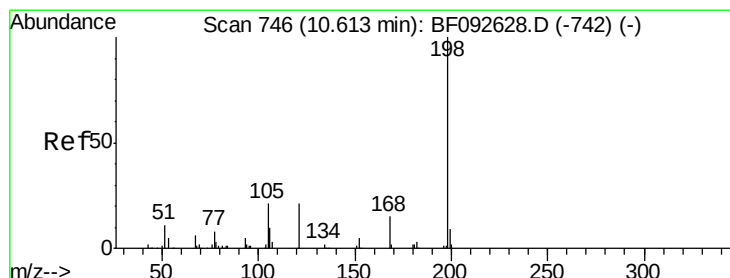
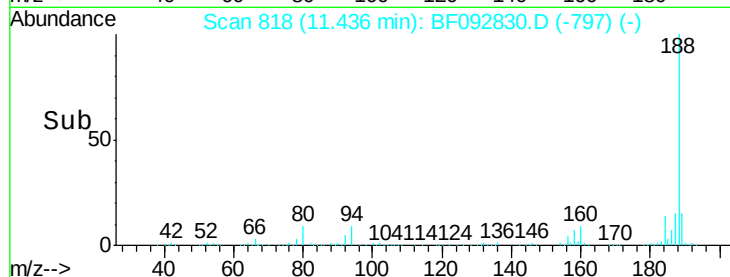
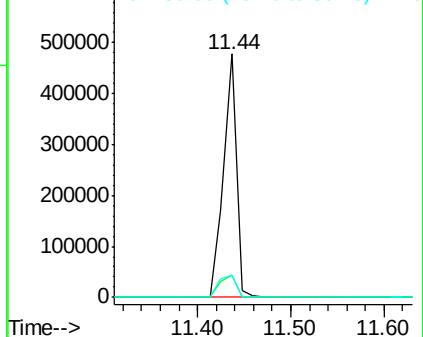
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.44 min Scan# 818
Delta R.T. -0.06 min
Lab File: BF092830.D
Acq: 7 Feb 2017 16:11

Instrument :
BNA_F
ClientSampleId :
PB96775BL

Tgt Ion:188 Resp: 459411
Ion Ratio Lower Upper
188 100
94 9.1 10.0 15.0#
80 9.2 11.2 16.8#

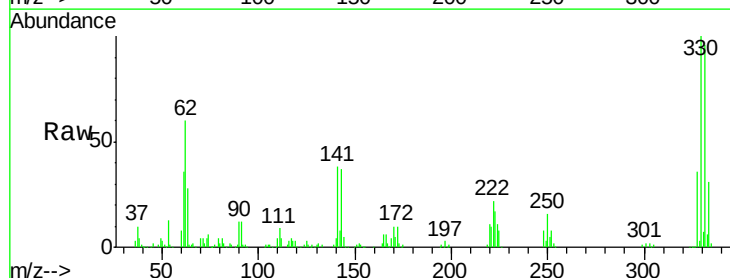


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

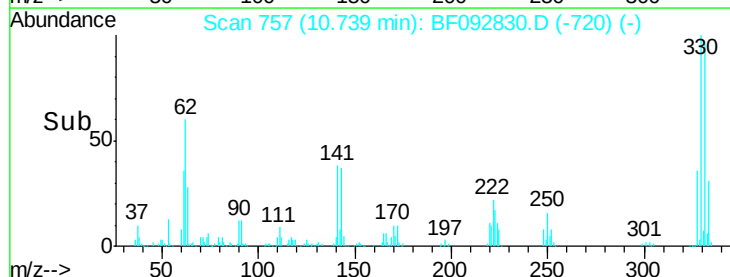
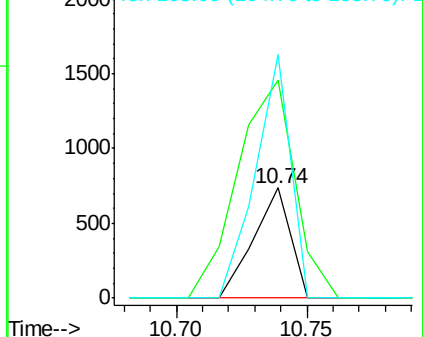


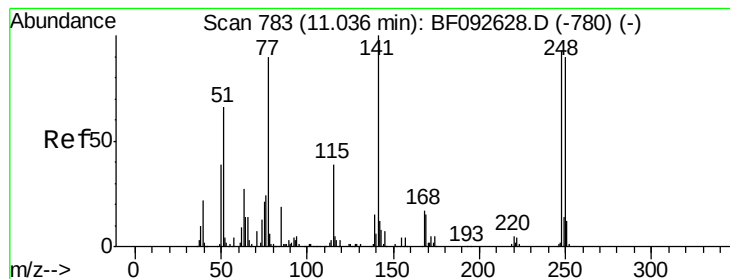
#64
4,6-Dinitro-2-methylphenol
Concen: 2.92 ng
RT: 10.74 min Scan# 757
Delta R.T. 0.13 min
Lab File: BF092830.D
Acq: 7 Feb 2017 16:11

Tgt Ion:198 Resp: 733
Ion Ratio Lower Upper
198 100
51 198.2 6.7 46.7#
105 220.9 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: 4.02 ng

RT: 10.74 min Scan# 757

Delta R.T. -0.30 min

Lab File: BF092830.D

Acq: 7 Feb 2017 16:11

Instrument :

BNA_F

ClientSampleId :

PB96775BL

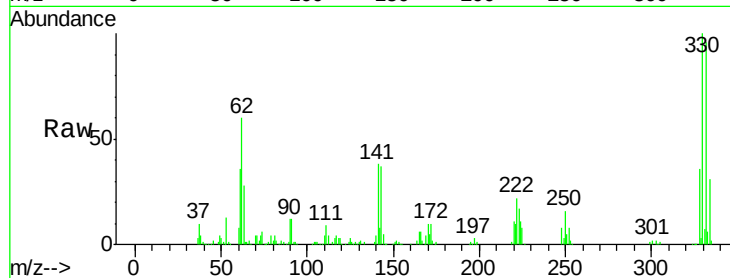
Tgt Ion:248 Resp: 19278

Ion Ratio Lower Upper

248 100

250 204.8 76.9 115.3#

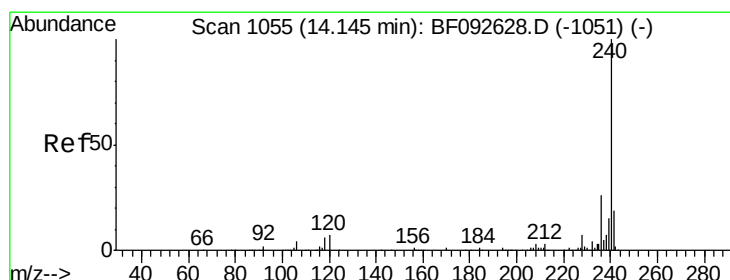
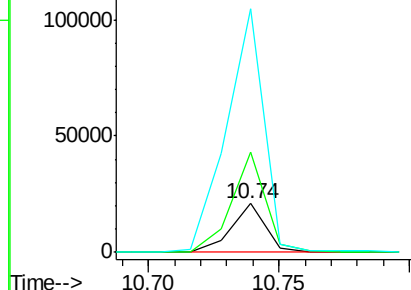
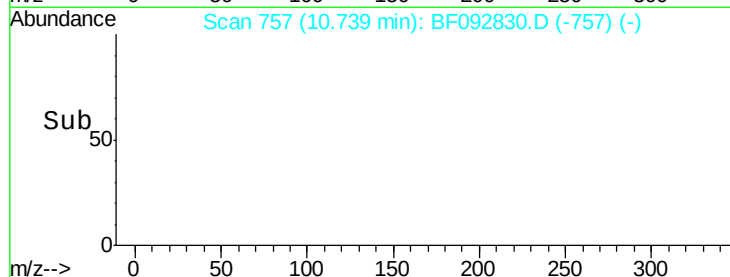
141 496.8 68.2 102.4#



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: 14.08 min Scan# 1049

Delta R.T. -0.07 min

Lab File: BF092830.D

Acq: 7 Feb 2017 16:11

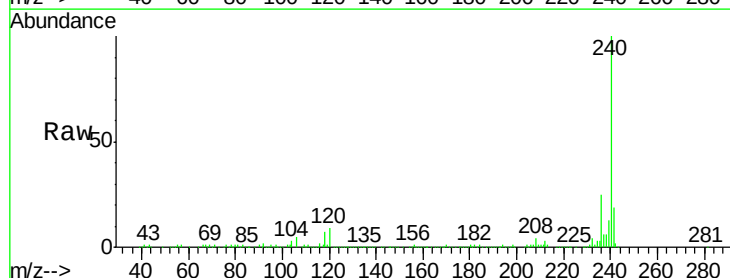
Tgt Ion:240 Resp: 307838

Ion Ratio Lower Upper

240 100

120 8.6 12.9 19.3#

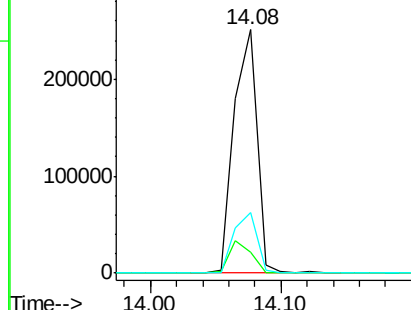
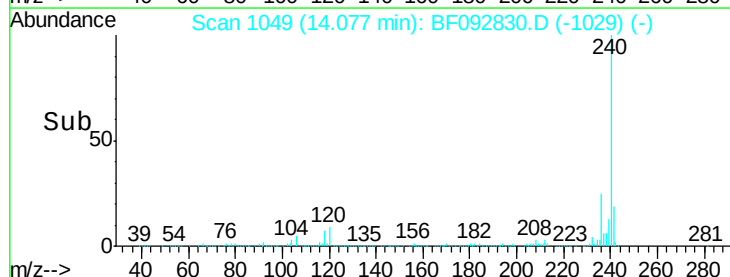
236 25.0 20.9 31.3

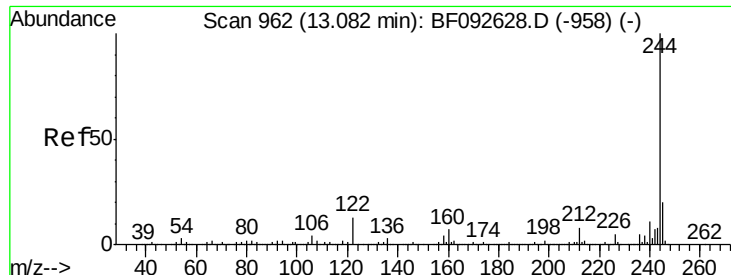


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

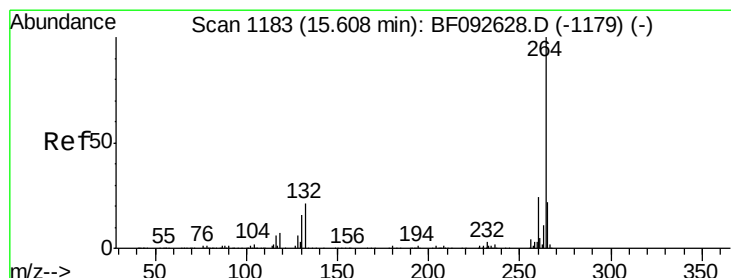
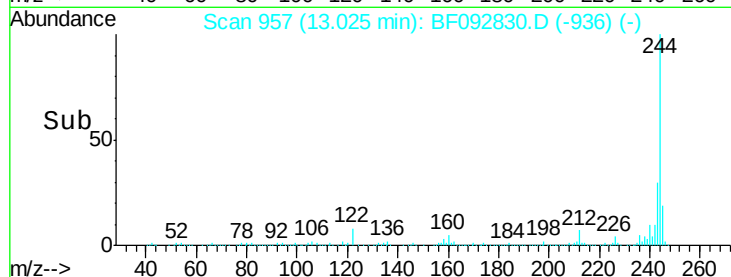
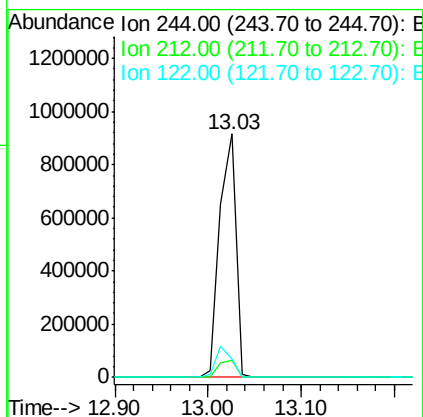
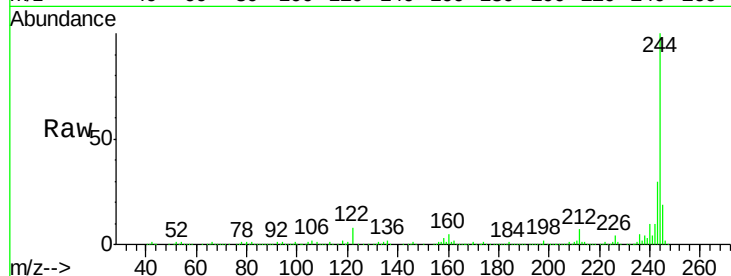




#78
 Terphenyl-d14
 Concen: 84.45 ng
 RT: 13.03 min Scan# 957
 Delta R.T. -0.06 min
 Lab File: BF092830.D
 Acq: 7 Feb 2017 16:11

Instrument :
 BNA_F
 ClientSampleId :
 PB96775BL

Tgt Ion:244 Resp: 1106349
 Ion Ratio Lower Upper
 244 100
 212 6.9 6.2 9.2
 122 7.6 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: BF092830.D
 Acq: 7 Feb 2017 16:11

Tgt Ion:264 Resp: 247424
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.1 17.4 26.0

