

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092490.D
 Acq On : 25 Jan 2017 21:30
 Operator : SJ/MA
 Sample : I1417-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 09:57:48 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

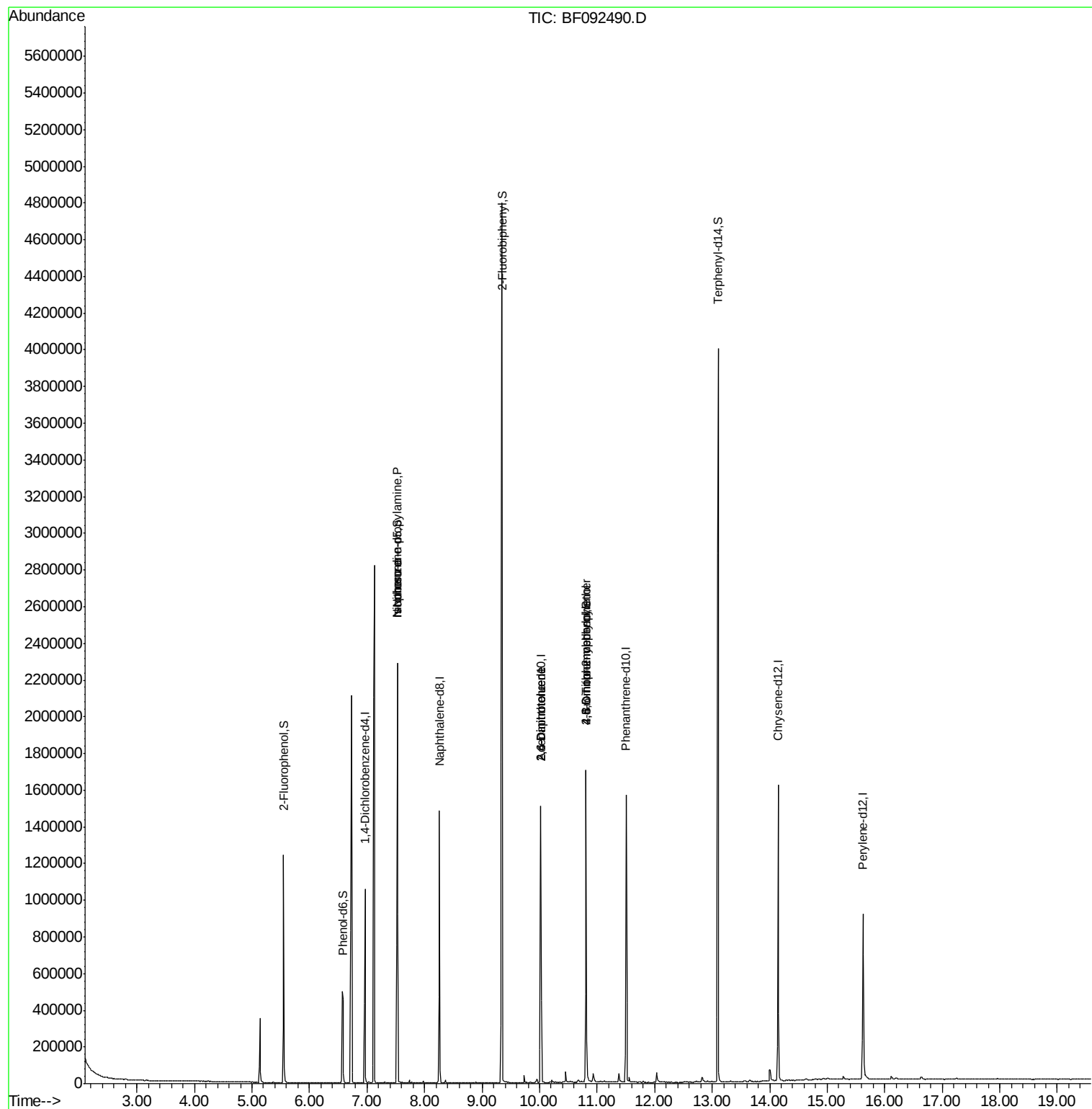
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	172659	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	673842	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	349807	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	580793	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	545572	20.00	ng	-0.02
86) Perylene-d12	15.62	264	480204	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	306595	27.63	ng	0.00
7) Phenol-d6	6.58	99	234453	16.59	ng	-0.01
23) Nitrobenzene-d5	7.53	82	919902	74.57	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	181474	76.13	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1627702	86.04	ng	-0.01
78) Terphenyl-d14	13.10	244	1669505	81.49	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	121444	12.62	ng	# 85
25) Isophorone	7.53	82	745347	30.66	ng	# 65
50) 2,6-Dinitrotoluene	10.02	165	42909	9.44	ng	# 31
56) 2,4-Dinitrotoluene	10.02	165	42901	7.11	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.81	198	379	5.06	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	13943	2.38	ng	# 1

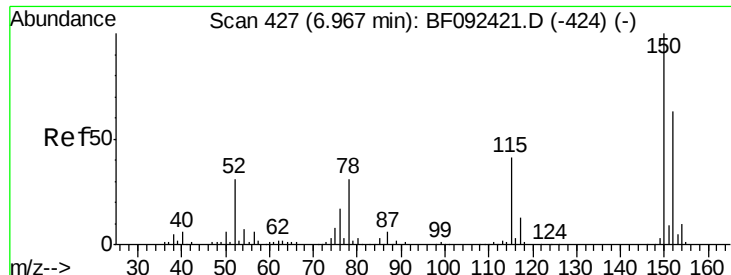
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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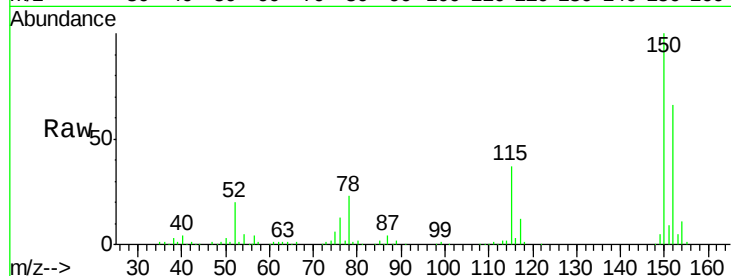


#1

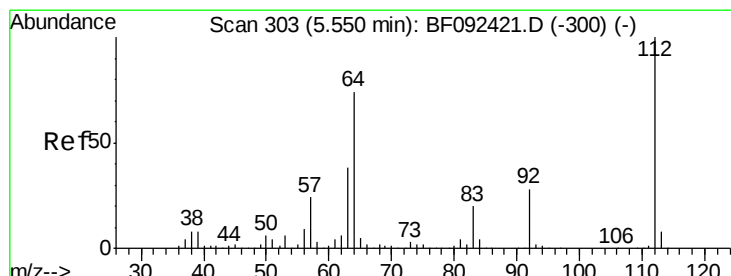
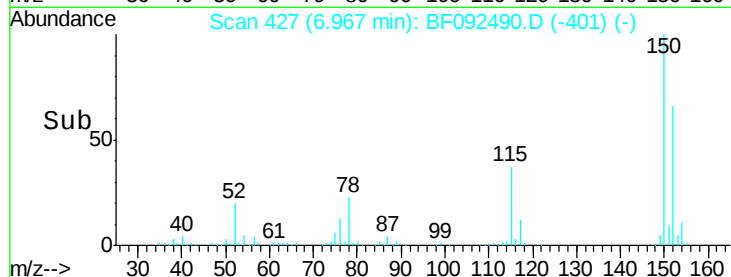
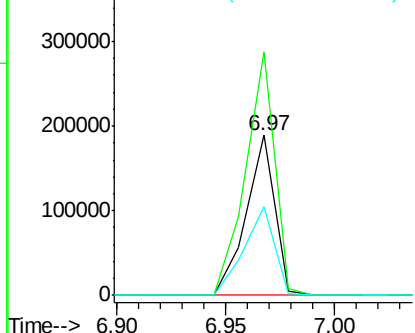
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092490.D
Acq: 25 Jan 2017 21:30

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	152.1	124.9	187.3
115	55.5	46.0	69.0



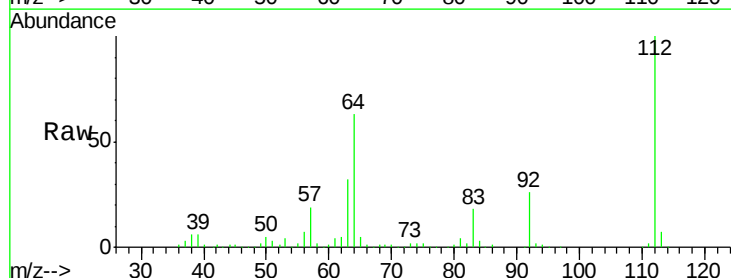
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



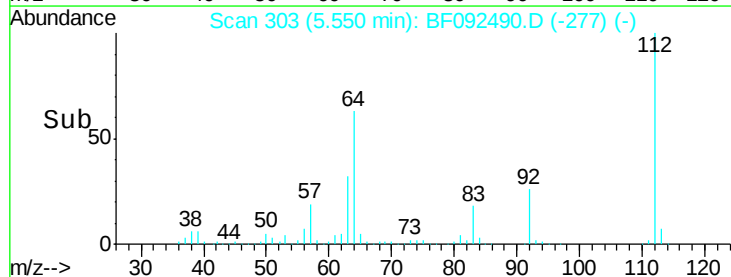
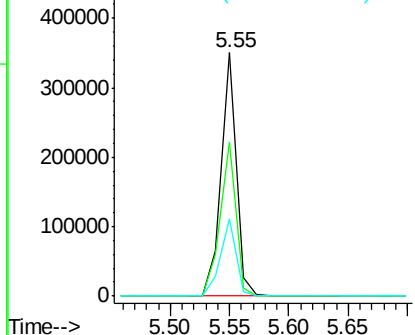
#5

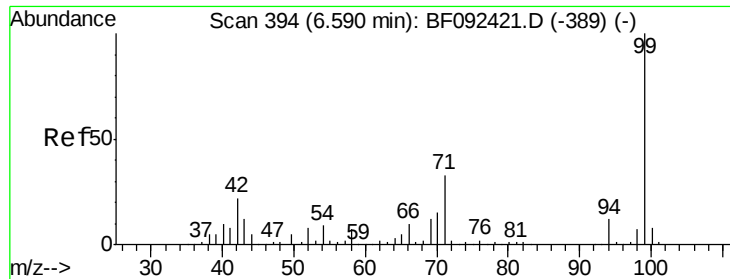
2-Fluorophenol
Concen: 27.63 ng
RT: 5.55 min Scan# 303
Delta R.T. -0.00 min
Lab File: BF092490.D
Acq: 25 Jan 2017 21:30

Tgt Ion	Ratio	Lower	Upper
112	100		
64	63.5	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: 16.59 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092490.D

Acq: 25 Jan 2017 21:30

Instrument :

BNA_F

ClientSampleId :

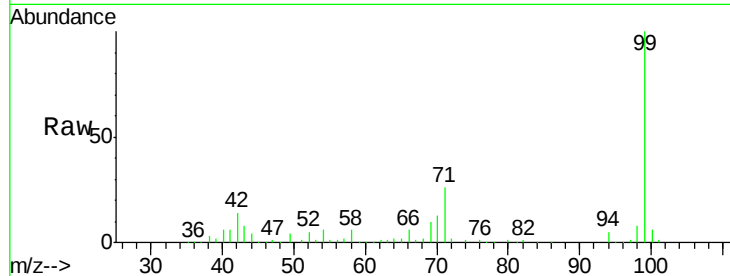
Tot Ion: 99 Resp: 234453

Ion Ratio Lower Upper

99 100

42 14.5 15.6 23.4#

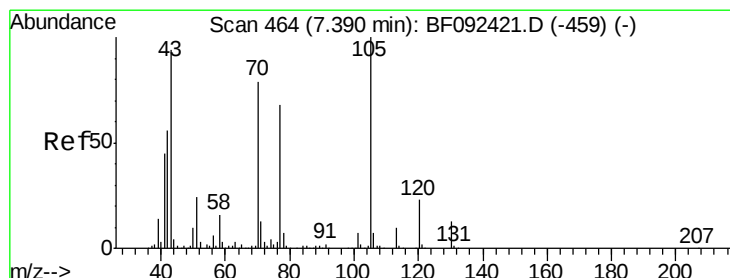
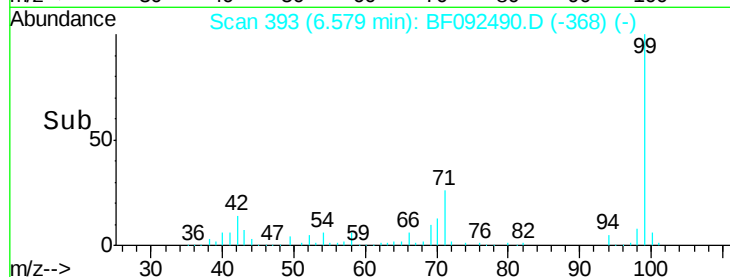
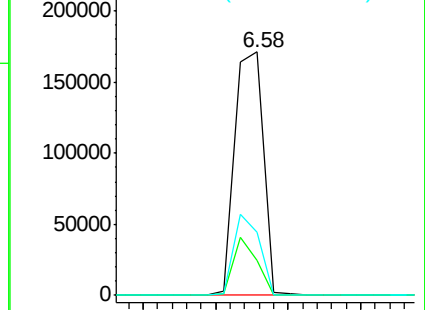
71 25.8 27.5 41.3#



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: 12.62 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF092490.D

Acq: 25 Jan 2017 21:30

Tgt Ion: 70 Resp: 121444

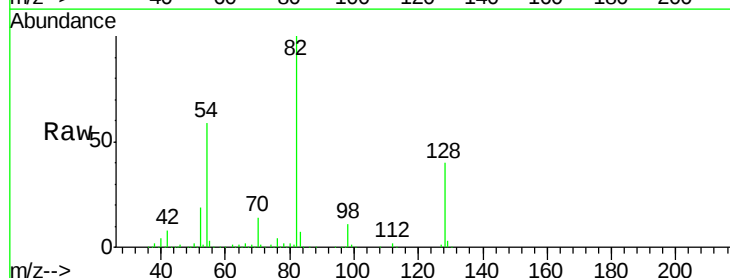
Ion Ratio Lower Upper

70 100

42 55.8 49.4 74.0

101 0.0 7.4 11.2#

130 1.8 14.2 21.4#

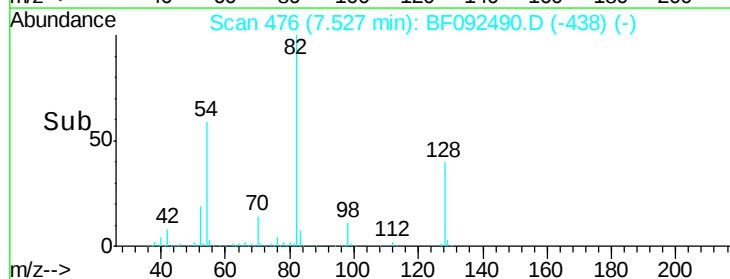
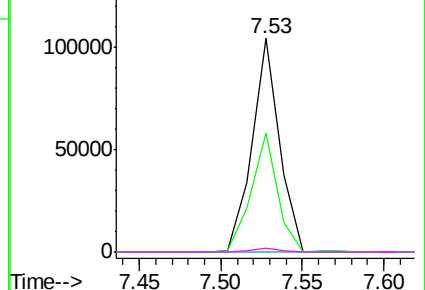


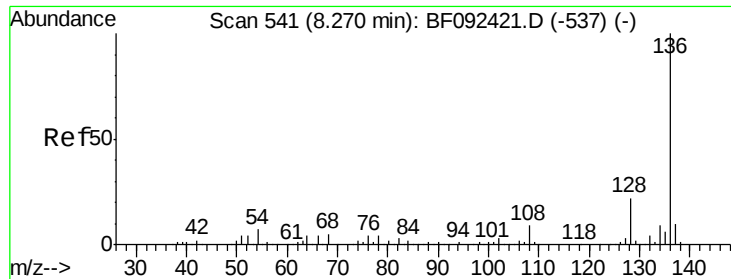
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

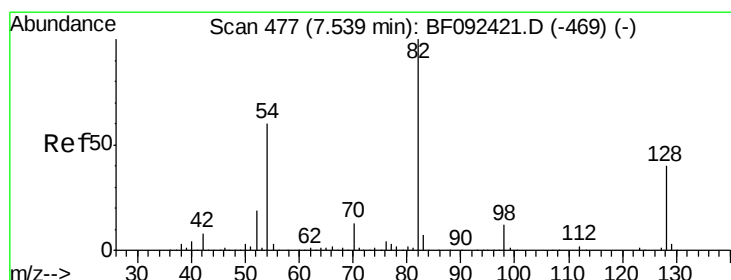
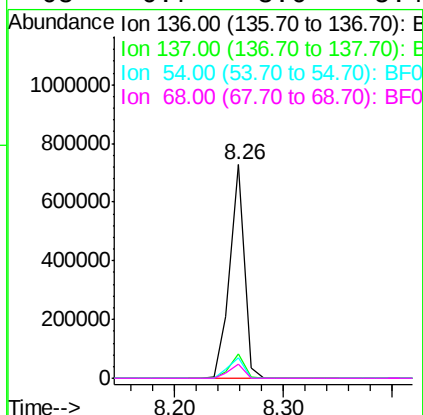
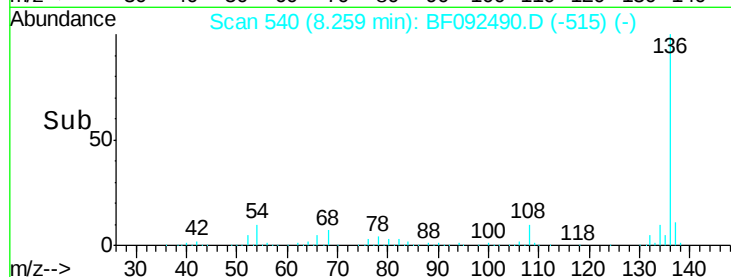
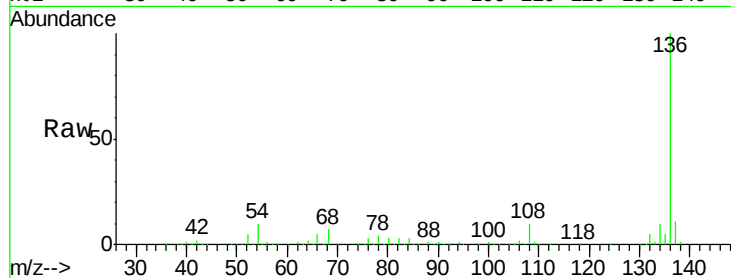




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092490.D
Acq: 25 Jan 2017 21:30

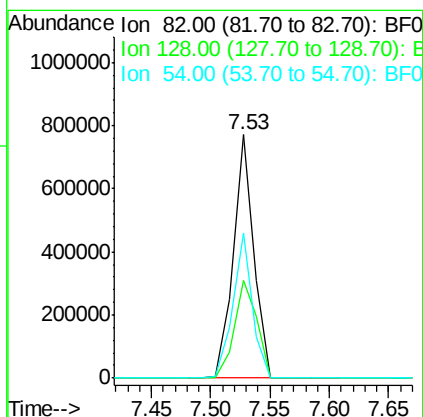
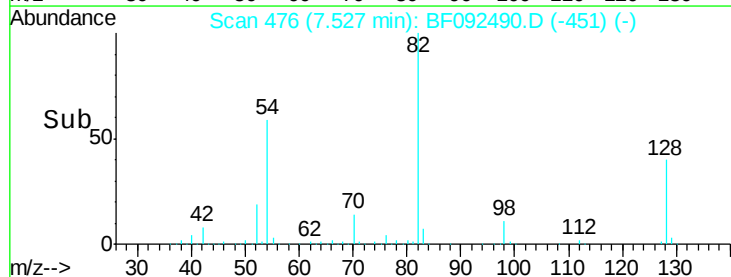
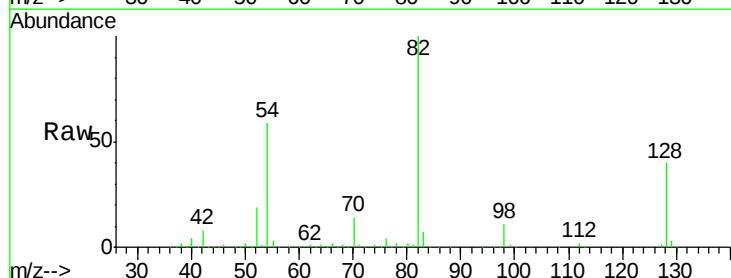
Instrument :
BNA_F
ClientSampleId :

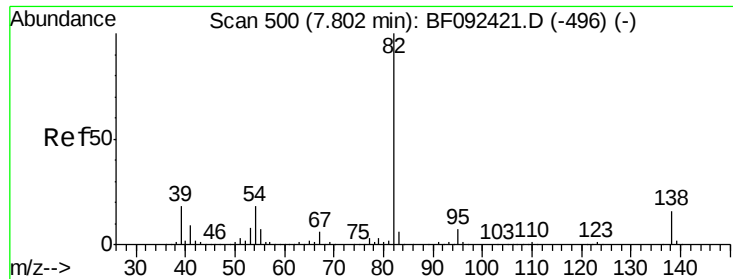
Tot Ion:136	Resp:	673842
Ion Ratio	Lower	Upper
136	100	
137	11.1	8.4 12.6
54	9.8	4.5 6.7#
68	6.7	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 74.57 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092490.D
Acq: 25 Jan 2017 21:30

Tgt Ion: 82	Resp:	919902
Ion Ratio	Lower	Upper
82	100	
128	40.2	34.6 52.0
54	59.3	39.5 59.3#

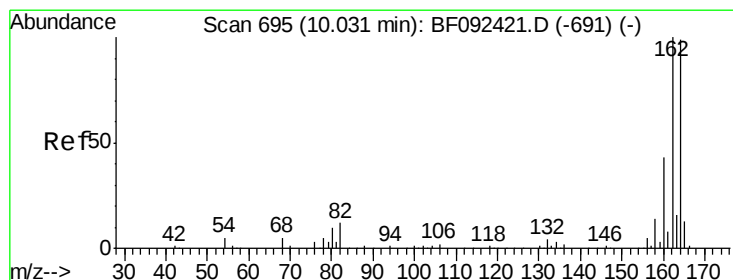
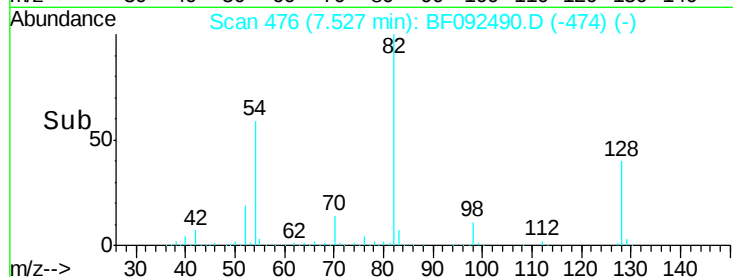
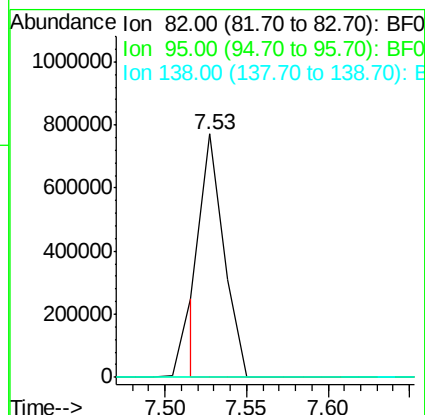
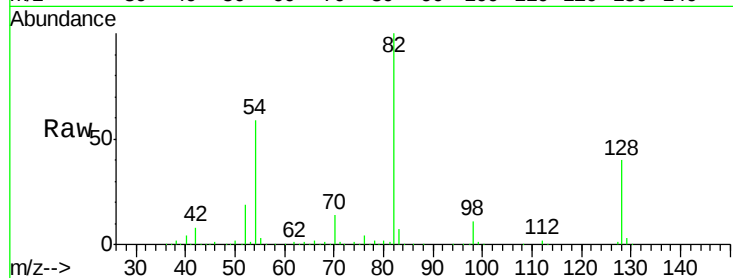




#25
Isophorone
Concen: 30.66 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.27 min
Lab File: BF092490.D
Acq: 25 Jan 2017 21:30

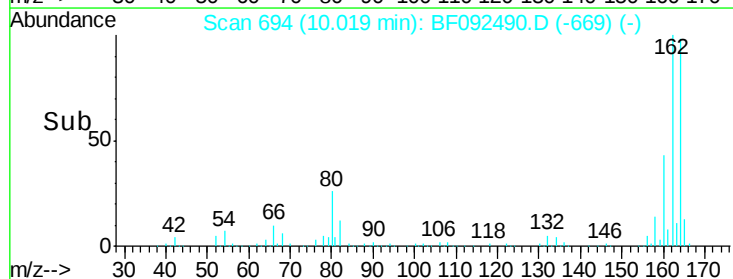
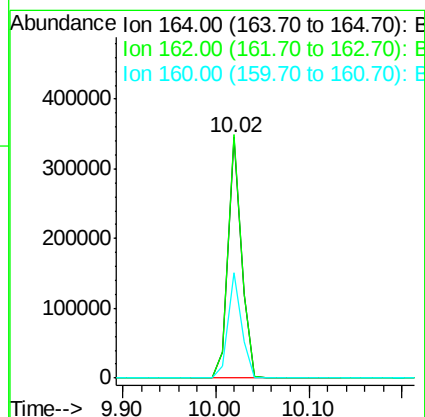
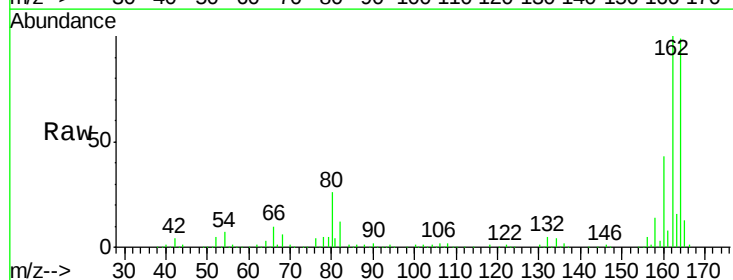
Instrument :
BNA_F
ClientSampled :

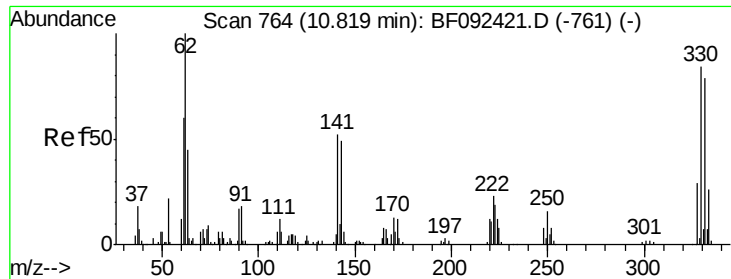
Tot Ion: 82 Resp: 745347
Ion Ratio Lower Upper
82 100
95 0.0 5.6 8.4#
138 0.0 14.6 22.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF092490.D
Acq: 25 Jan 2017 21:30

Tgt Ion:164 Resp: 349807
Ion Ratio Lower Upper
164 100
162 101.2 80.2 120.2
160 43.6 36.9 55.3





#41

2,4,6-Tribromophenol

Concen: 76.13 ng

RT: 10.81 min Scan# 763

Delta R.T. -0.01 min

Lab File: BF092490.D

Acq: 25 Jan 2017 21:30

Instrument :

BNA_F

ClientSampled :

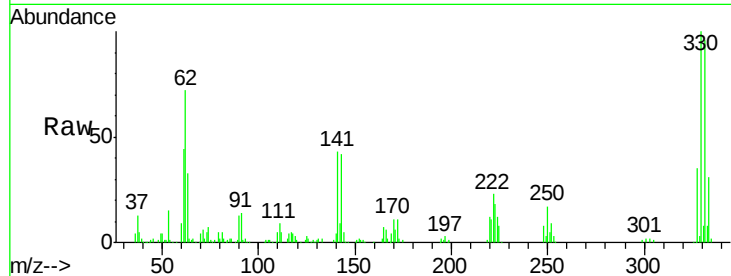
Tot Ion:330 Resp: 181474

Ion Ratio Lower Upper

330 100

332 96.7 77.4 116.2

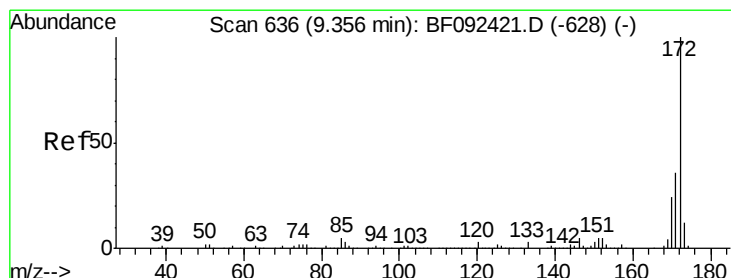
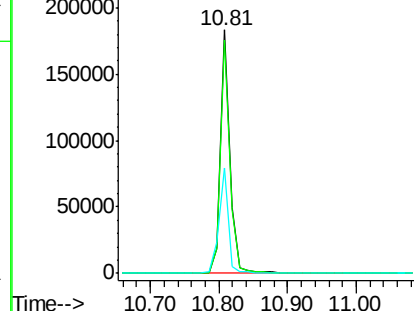
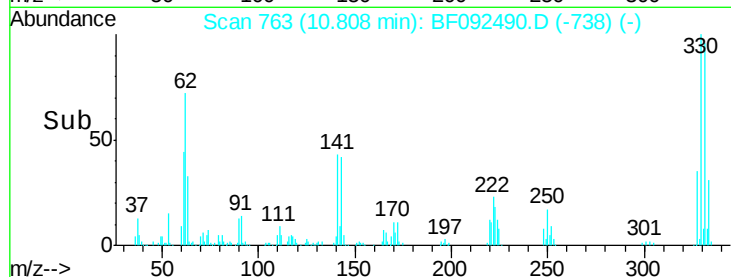
141 42.4 34.1 51.1



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: 86.04 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092490.D

Acq: 25 Jan 2017 21:30

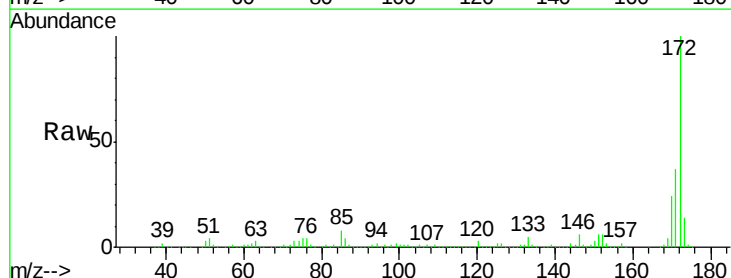
Tgt Ion:172 Resp: 1627702

Ion Ratio Lower Upper

172 100

171 36.7 29.4 44.0

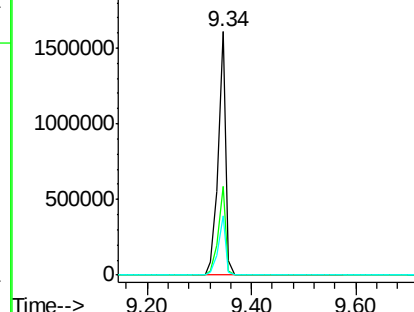
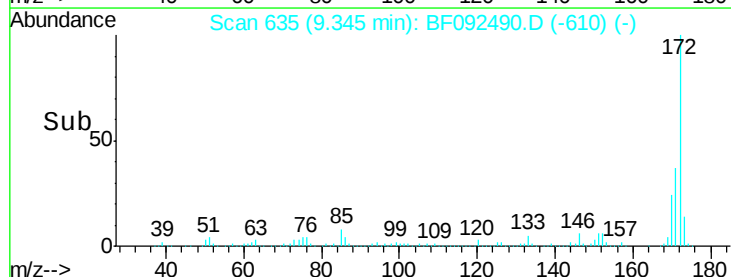
170 24.5 20.2 30.4

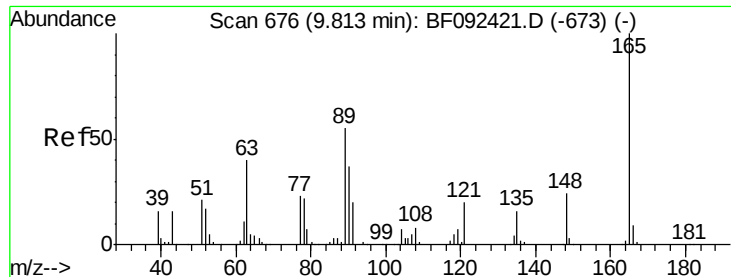


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

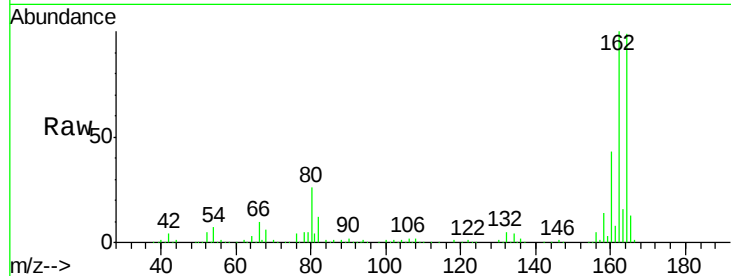




#50
2,6-Dinitrotoluene
Concen: 9.44 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.21 min
Lab File: BF092490.D
Acq: 25 Jan 2017 21:30

Instrument :
BNA_F
ClientSampled :

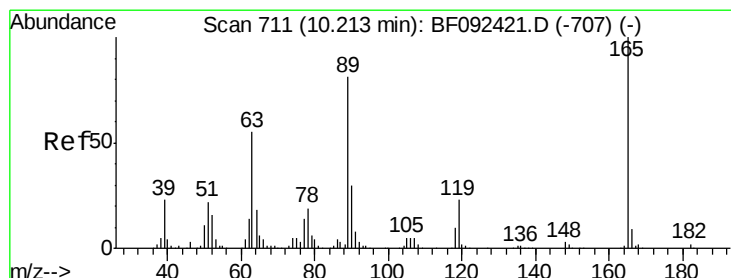
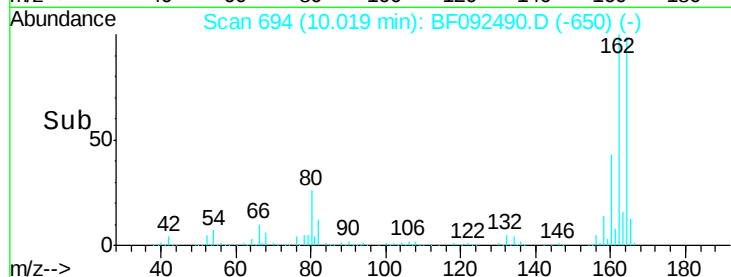
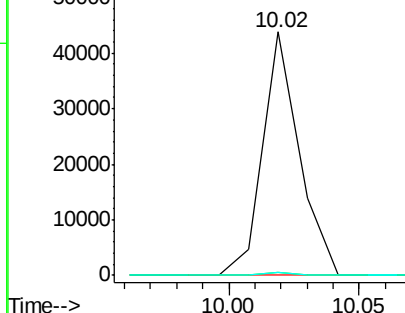
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.4	36.2	54.4#
89	1.2	40.2	60.4#



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: 7.11 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.19 min
Lab File: BF092490.D
Acq: 25 Jan 2017 21:30

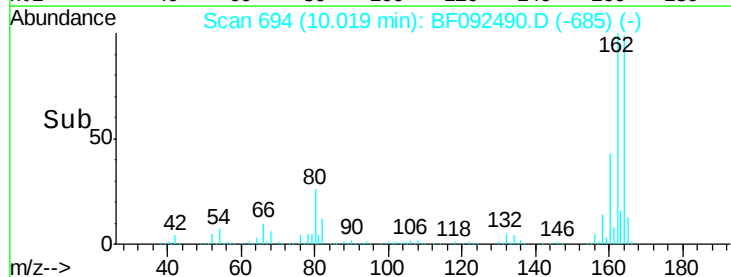
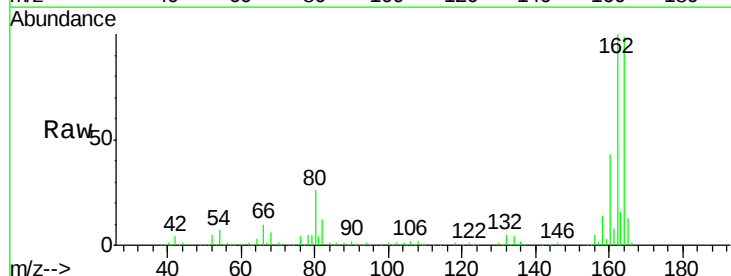
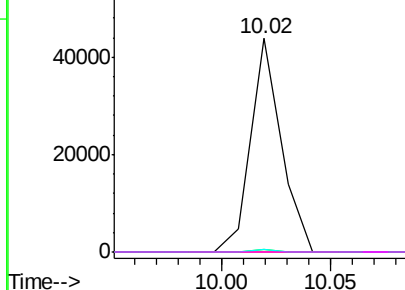
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.4	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#

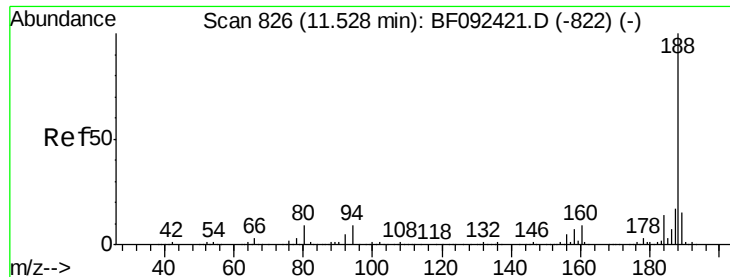
Abundance Ion 165.00 (164.70 to 165.70): E

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

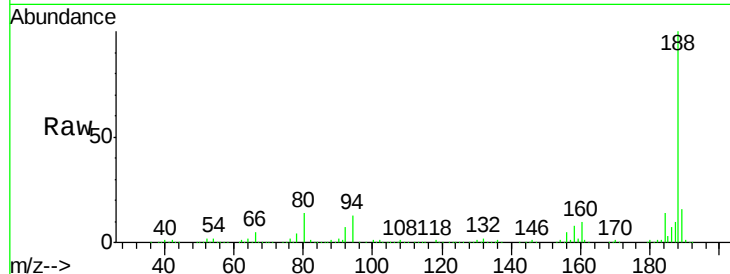




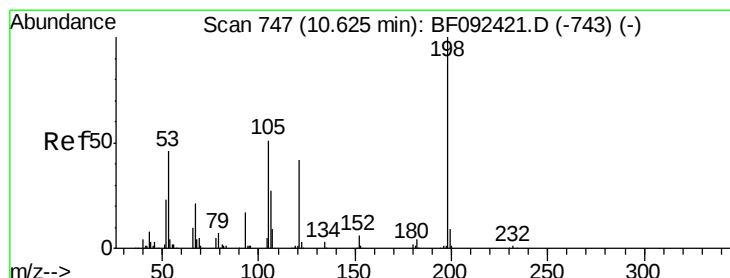
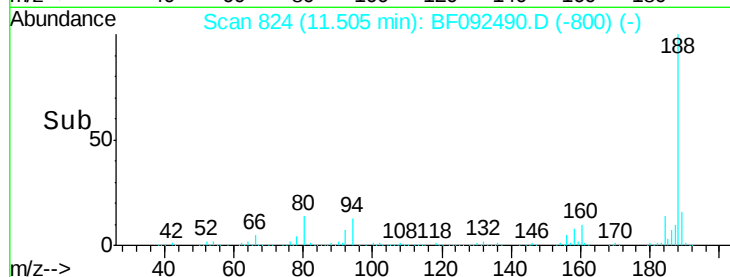
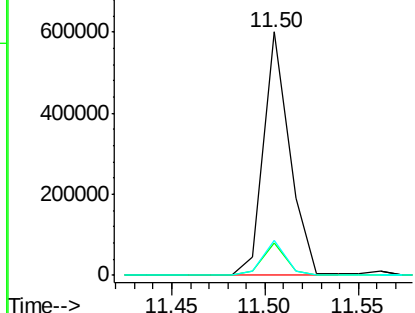
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF092490.D
 Acq: 25 Jan 2017 21:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 580793
 Ion Ratio Lower Upper
 188 100
 94 13.4 10.0 15.0
 80 14.2 11.2 16.8

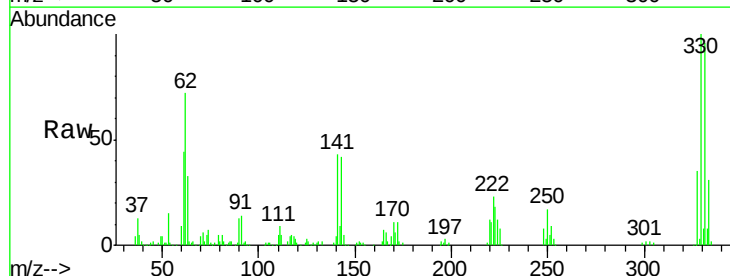


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

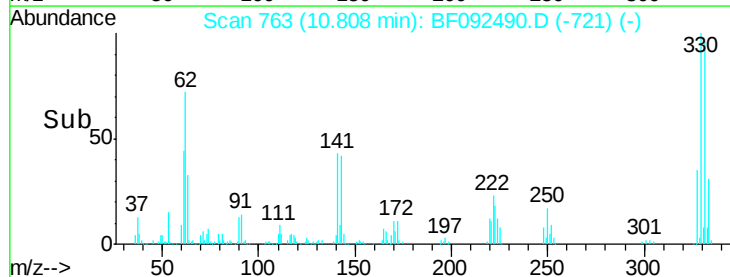
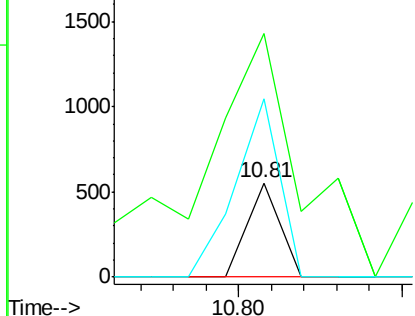


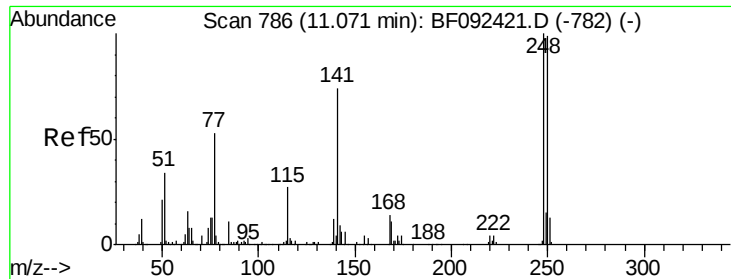
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.06 ng
 RT: 10.81 min Scan# 763
 Delta R.T. 0.18 min
 Lab File: BF092490.D
 Acq: 25 Jan 2017 21:30

Tgt Ion:198 Resp: 379
 Ion Ratio Lower Upper
 198 100
 51 258.9 6.7 46.7#
 105 189.3 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

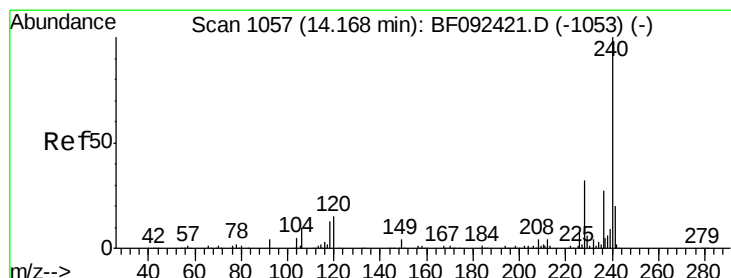
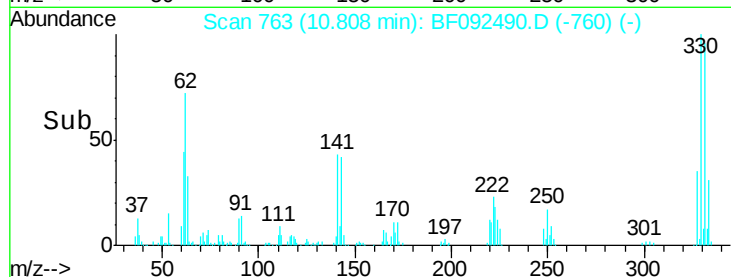
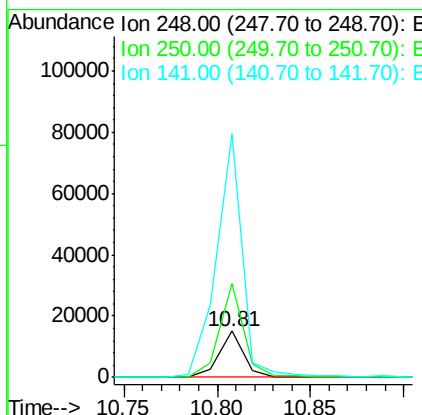
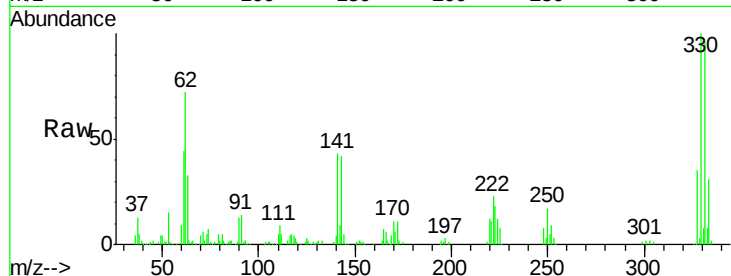




#66
 4-Bromophenyl-phenylether
 Concen: 2.38 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.26 min
 Lab File: BF092490.D
 Acq: 25 Jan 2017 21:30

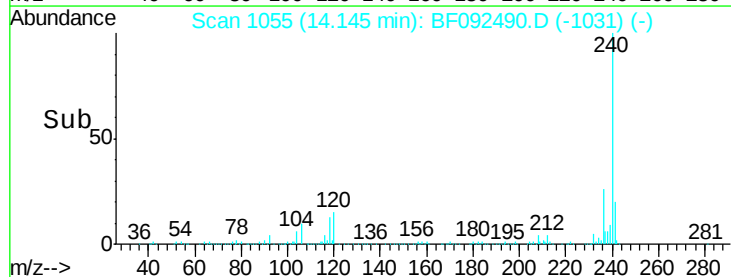
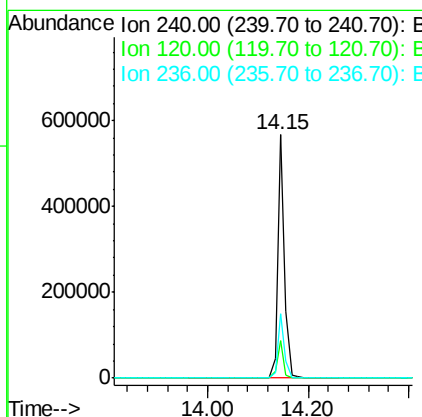
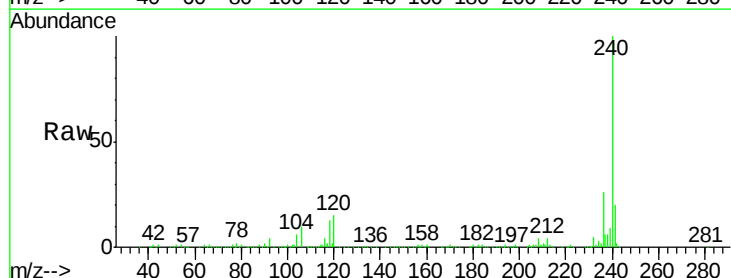
Instrument :
 BNA_F
 ClientSampled :

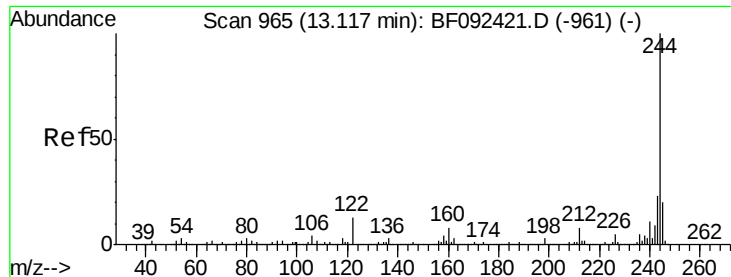
Tot Ion:248 Resp: 13943
 Ion Ratio Lower Upper
 248 100
 250 204.3 76.9 115.3#
 141 527.1 68.2 102.4#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF092490.D
 Acq: 25 Jan 2017 21:30

Tgt Ion:240 Resp: 545572
 Ion Ratio Lower Upper
 240 100
 120 15.2 12.9 19.3
 236 26.3 20.9 31.3

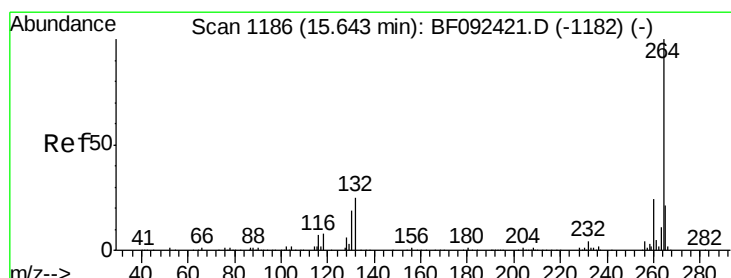
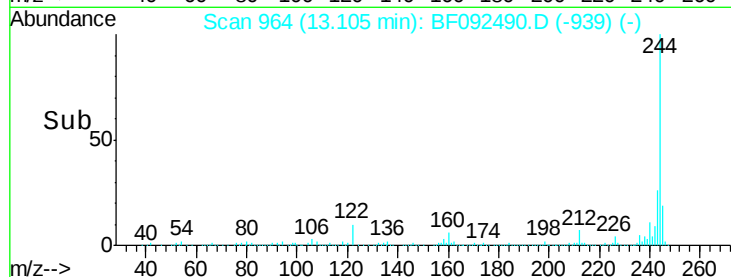
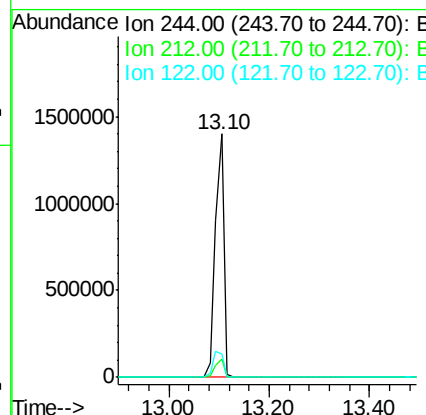
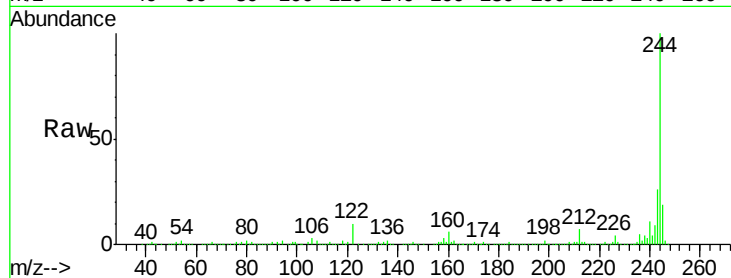




#78
 Terphenyl-d14
 Concen: 81.49 ng
 RT: 13.10 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092490.D
 Acq: 25 Jan 2017 21:30

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:244 Resp: 1669505
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 9.5 11.4 17.2#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.62 min Scan# 1184
 Delta R.T. -0.02 min
 Lab File: BF092490.D
 Acq: 25 Jan 2017 21:30

Tgt Ion:264 Resp: 480204
 Ion Ratio Lower Upper
 264 100
 260 23.9 19.2 28.8
 265 21.9 17.4 26.0

