

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092492.D
 Acq On : 25 Jan 2017 22:25
 Operator : SJ/MA
 Sample : I1398-07
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 09:58:16 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

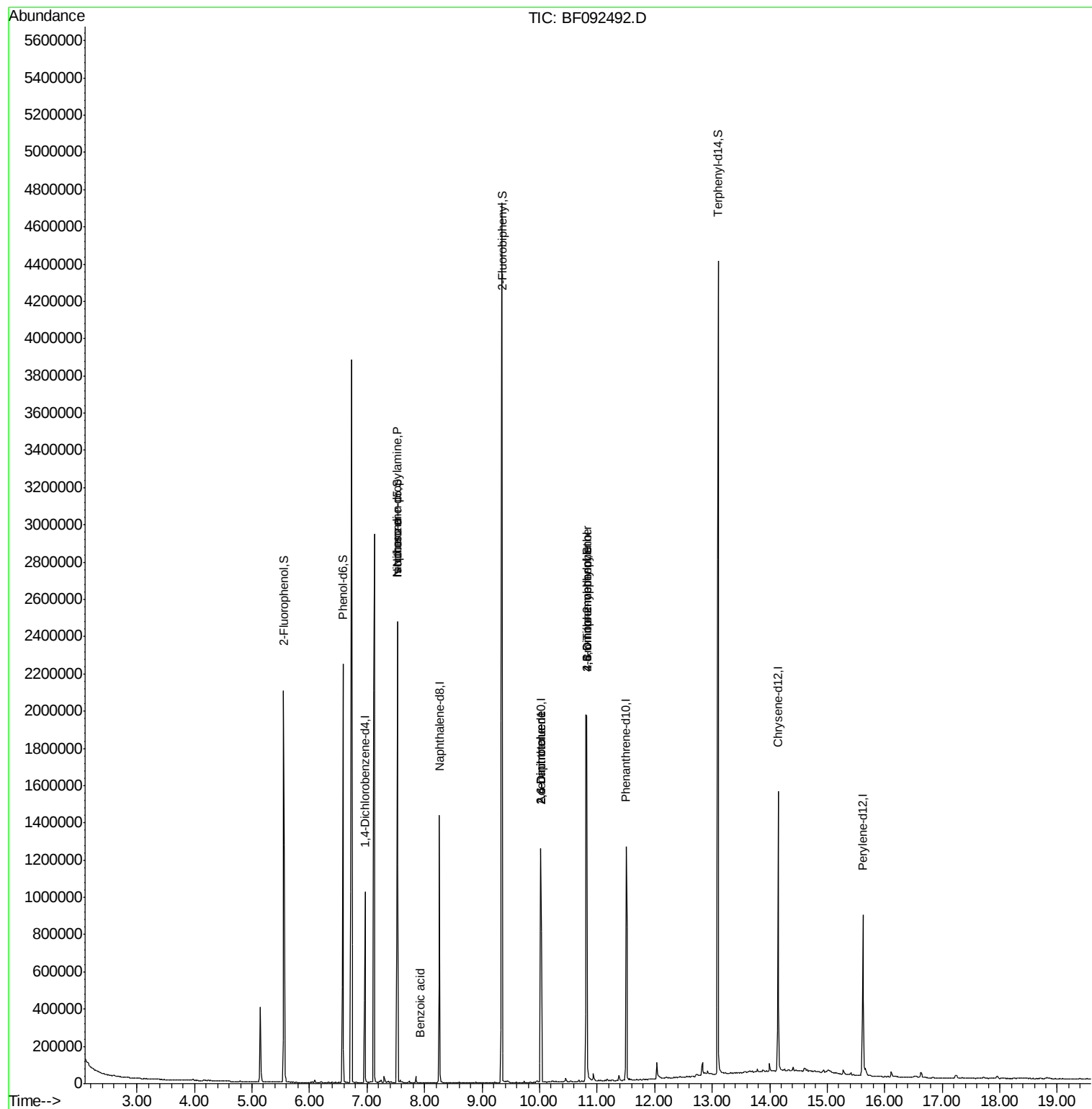
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	165544	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	671899	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	353134	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	593637	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	515399	20.00	ng	-0.02
86) Perylene-d12	15.62	264	421057	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.55	112	700884	65.87	ng	0.00
7) Phenol-d6	6.58	99	683400	50.42	ng	-0.01
23) Nitrobenzene-d5	7.53	82	1021098	83.01	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	371011	154.17	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1620007	84.83	ng	-0.01
78) Terphenyl-d14	13.11	244	1704270	88.05	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	133497	14.46	ng	# 85
25) Isophorone	7.53	82	843562	34.80	ng	# 65
32) Benzoic acid	7.93	122	321	4.73	ng	94
50) 2,6-Dinitrotoluene	10.02	165	45319	9.87	ng	# 31
56) 2,4-Dinitrotoluene	10.02	165	45321	7.44	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.82	198	1074	5.25	ng	# 1
66) 4-Bromophenyl-phenylether	10.82	248	26891	4.49	ng	# 1

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

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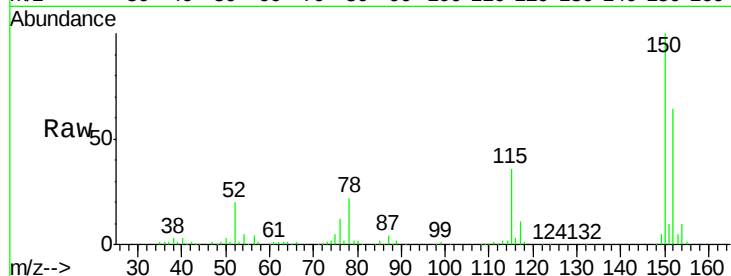


#1

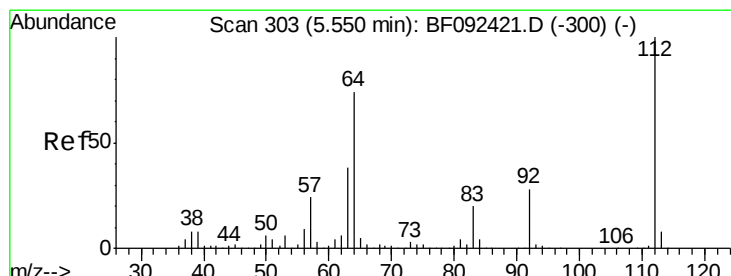
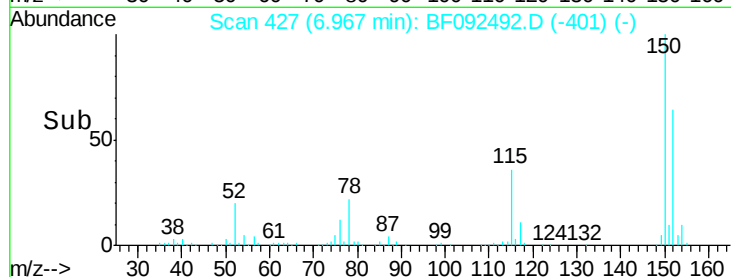
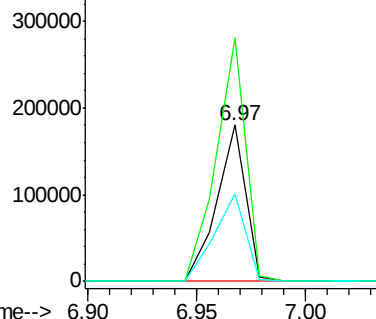
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092492.D
Acq: 25 Jan 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 165544
Ion Ratio Lower Upper
152 100
150 156.1 124.9 187.3
115 55.9 46.0 69.0



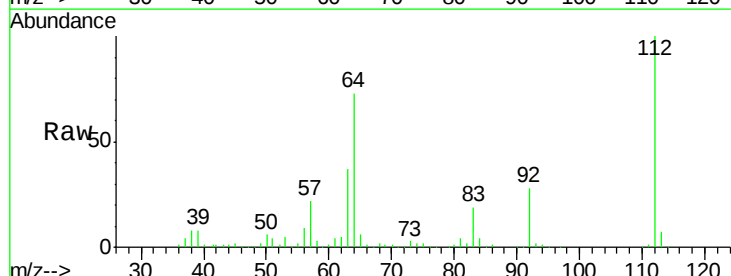
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



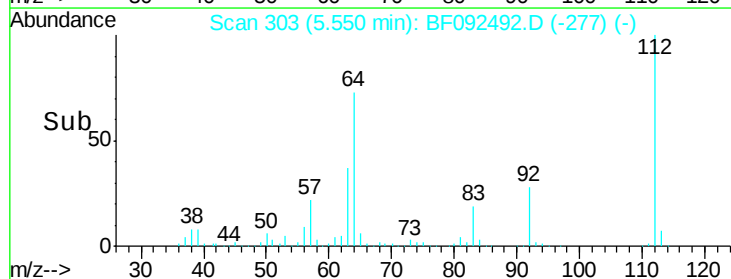
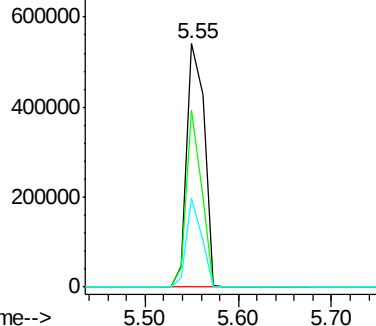
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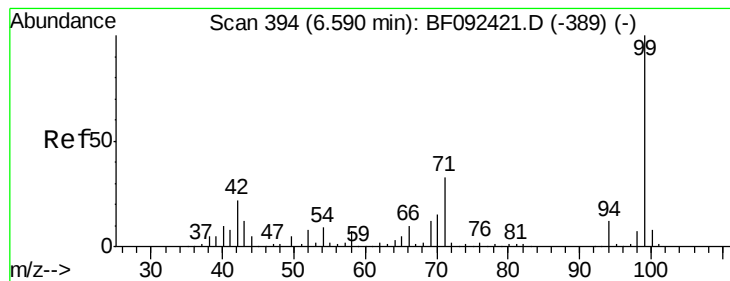
2-Fluorophenol
Concen: 65.87 ng
RT: 5.55 min Scan# 303
Delta R.T. -0.00 min
Lab File: BF092492.D
Acq: 25 Jan 2017 22:25

Tgt Ion:112 Resp: 700884
Ion Ratio Lower Upper
112 100
64 72.9 46.1 69.1#
63 36.5 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: 50.42 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092492.D

Acq: 25 Jan 2017 22:25

Instrument :

BNA_F

ClientSampled :

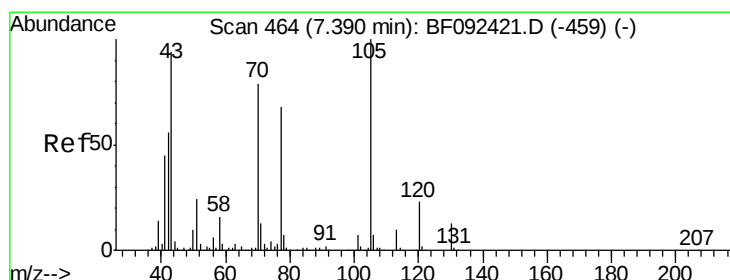
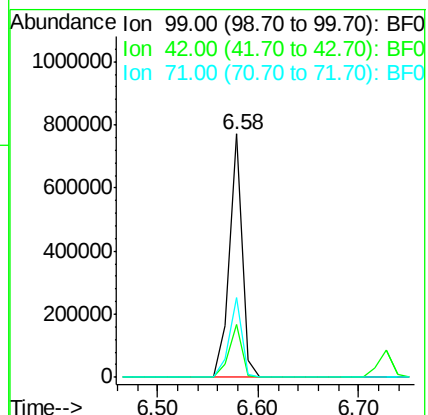
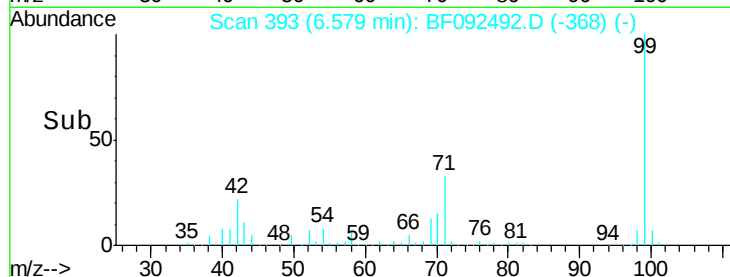
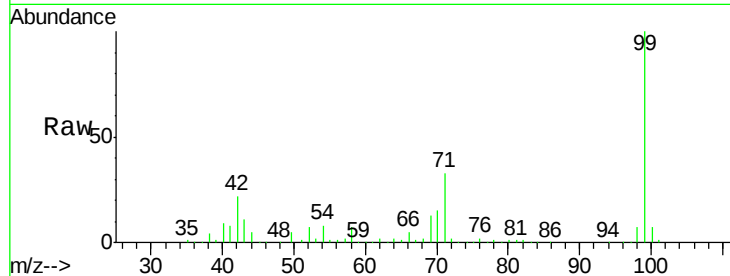
Tot Ion: 99 Resp: 683400

Ion Ratio Lower Upper

99 100

42 21.8 15.6 23.4

71 32.9 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 14.46 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF092492.D

Acq: 25 Jan 2017 22:25

Tgt Ion: 70 Resp: 133497

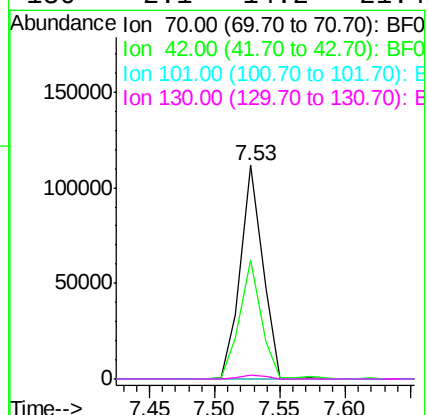
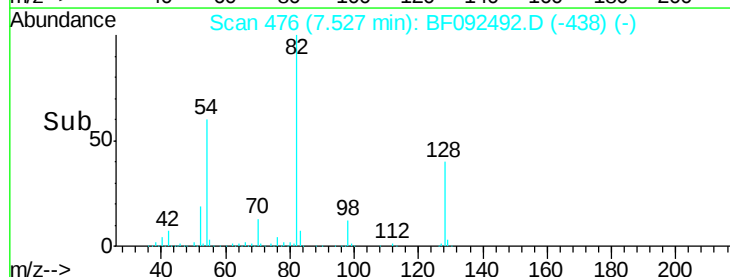
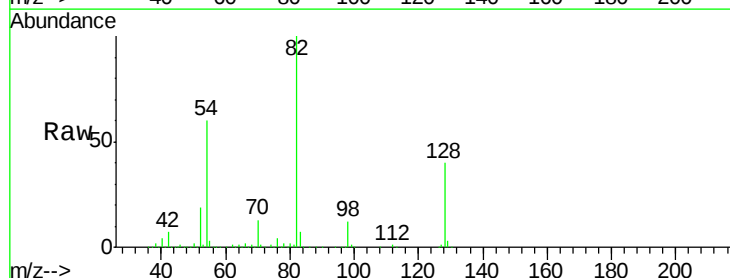
Ion Ratio Lower Upper

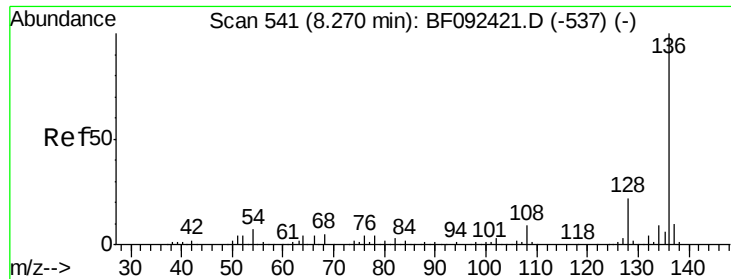
70 100

42 55.7 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

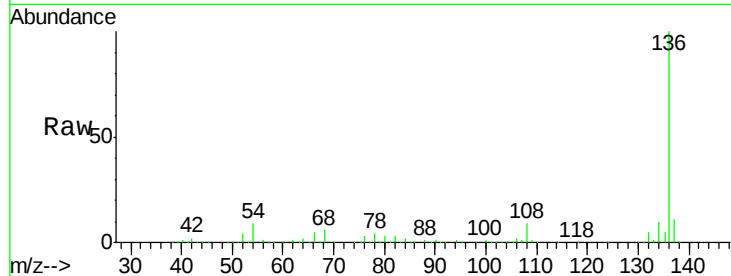




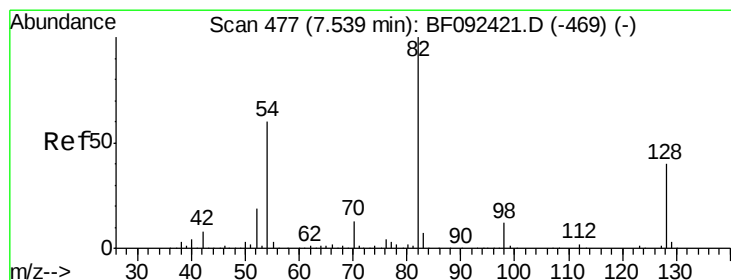
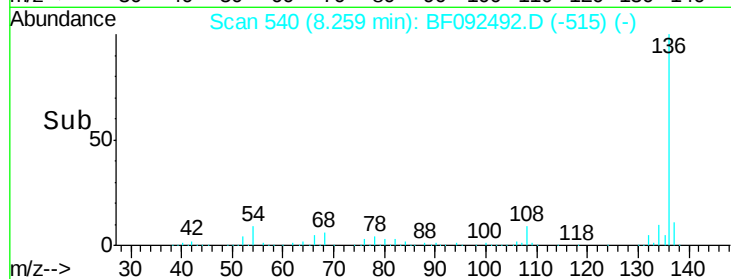
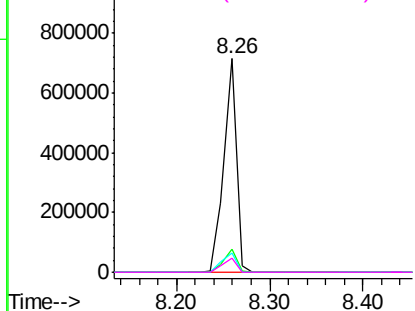
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092492.D
Acq: 25 Jan 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	671899
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.4 12.6
54	9.1	4.5 6.7#
68	6.4	3.6 5.4#

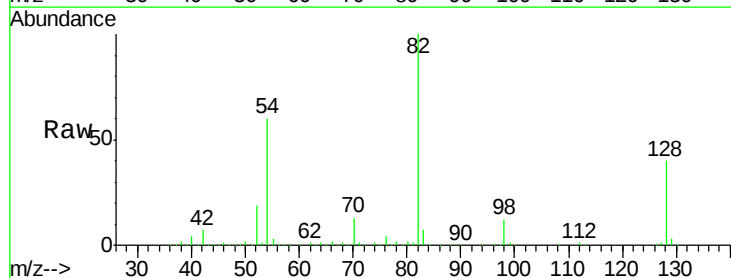


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

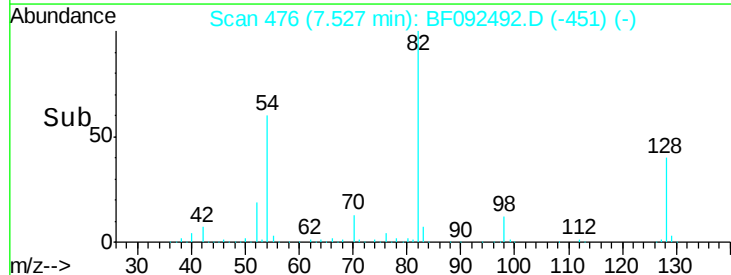
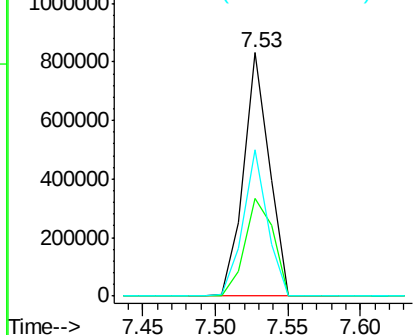


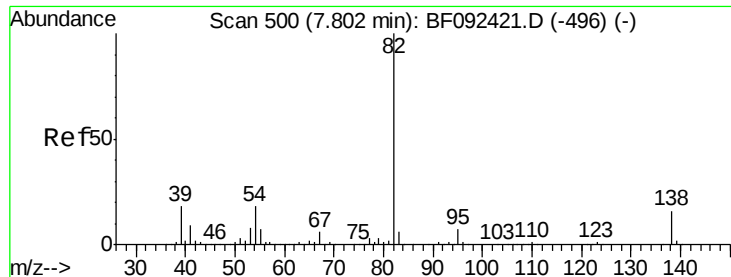
#23
Nitrobenzene-d5
Concen: 83.01 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092492.D
Acq: 25 Jan 2017 22:25

Tgt Ion: 82	Resp:	1021098
Ion Ratio	Lower	Upper
82	100	
128	40.0	34.6 52.0
54	60.2	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: 34.80 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.27 min

Lab File: BF092492.D

Acq: 25 Jan 2017 22:25

Instrument :

BNA_F

ClientSampled :

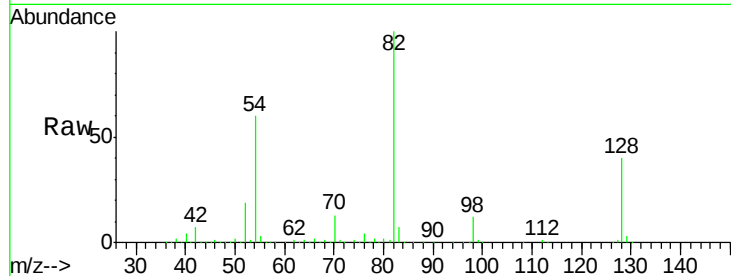
Tot Ion: 82 Resp: 843562

Ion Ratio Lower Upper

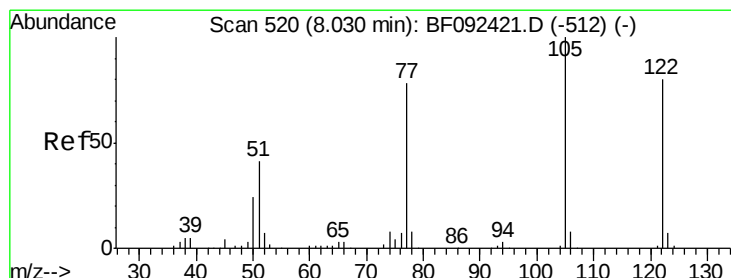
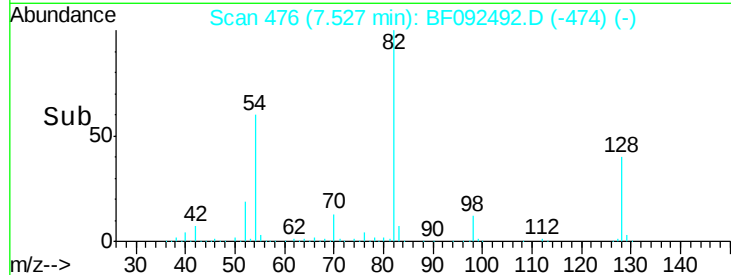
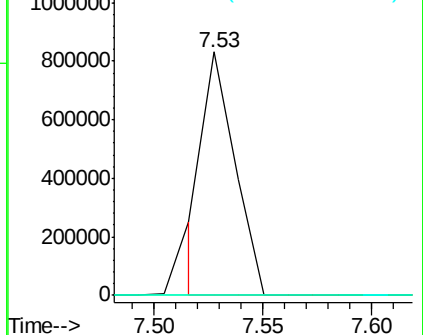
82 100

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



#32

Benzoic acid

Concen: 4.73 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.10 min

Lab File: BF092492.D

Acq: 25 Jan 2017 22:25

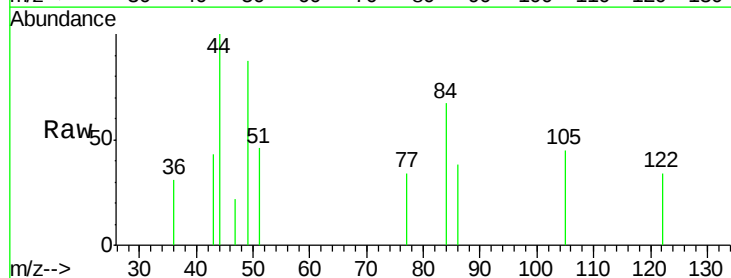
Tgt Ion: 122 Resp: 321

Ion Ratio Lower Upper

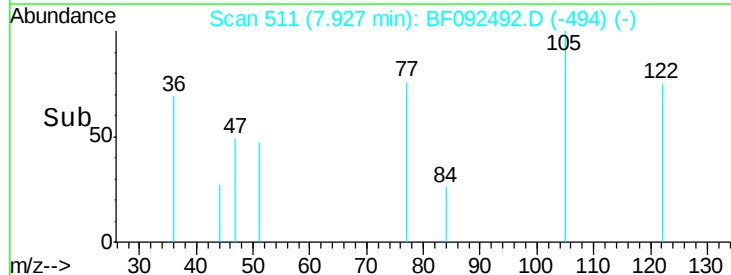
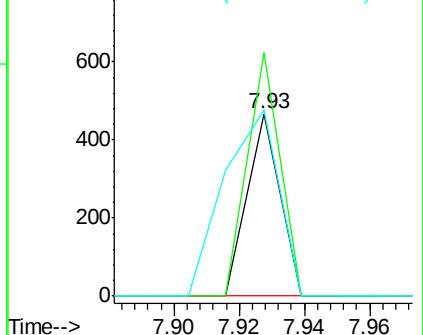
122 100

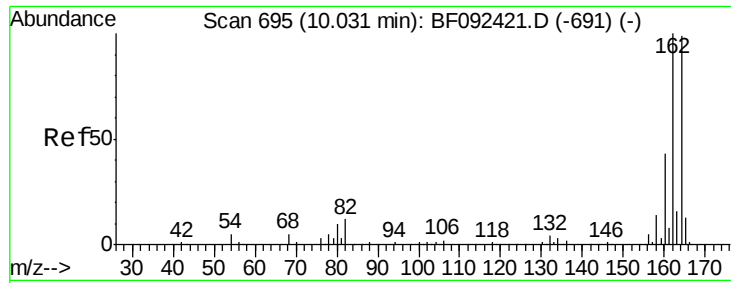
105 133.3 107.2 147.2

77 101.9 74.5 114.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BF0

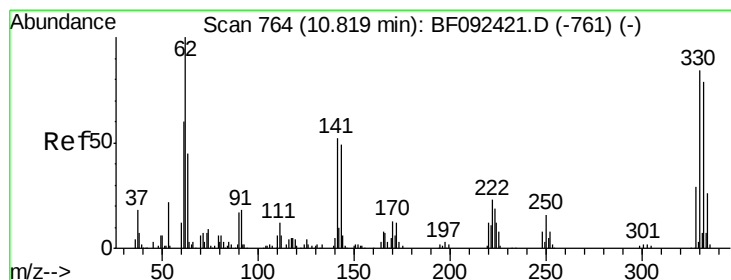
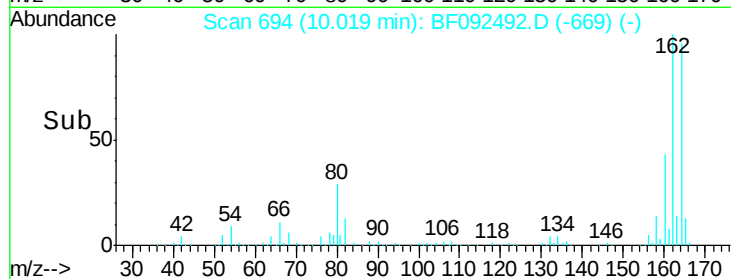
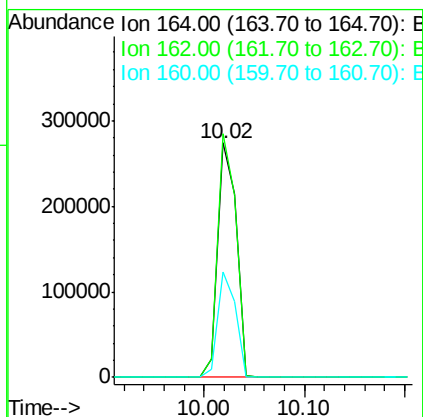
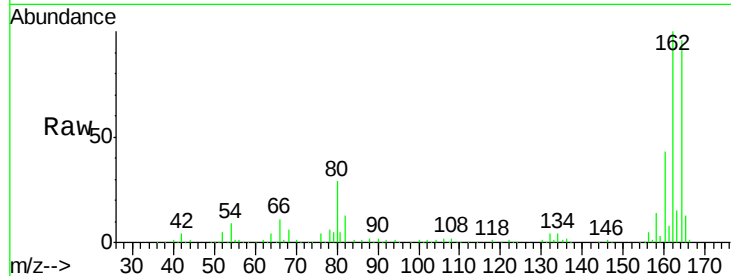




#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF092492.D
 Acq: 25 Jan 2017 22:25

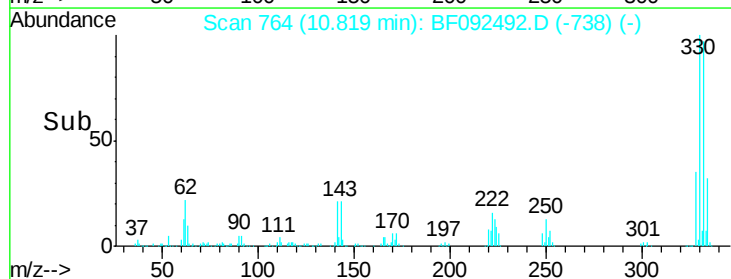
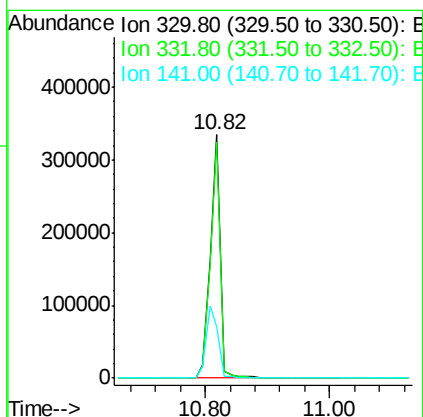
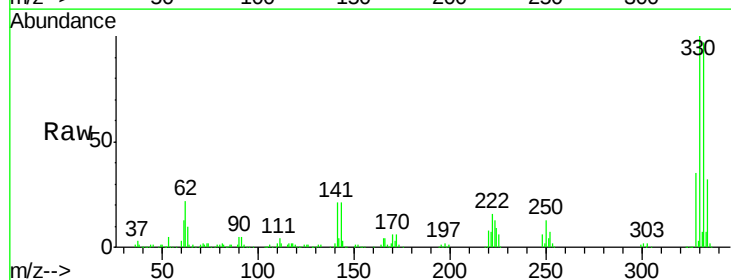
Instrument :
 BNA_F
 ClientSampleId :

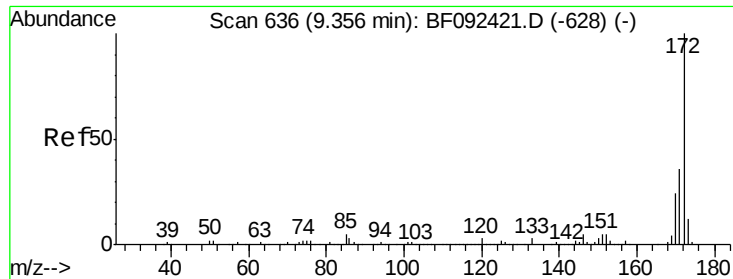
Tot Ion:164 Resp: 353134
 Ion Ratio Lower Upper
 164 100
 162 103.9 80.2 120.2
 160 44.8 36.9 55.3



#41
 2,4,6-Tribromophenol
 Concen: 154.17 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092492.D
 Acq: 25 Jan 2017 22:25

Tgt Ion:330 Resp: 371011
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 36.5 34.1 51.1

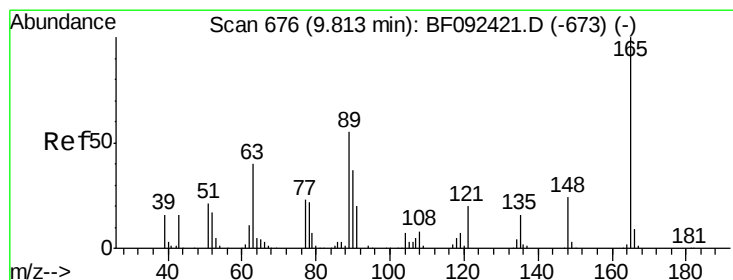
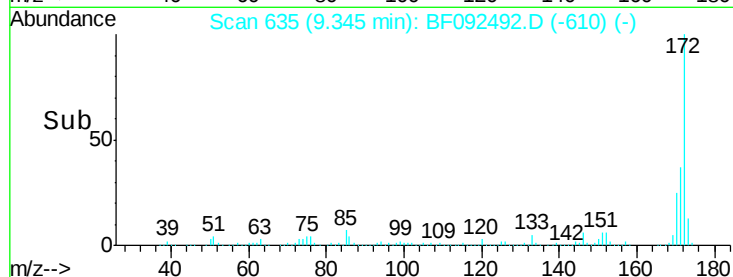
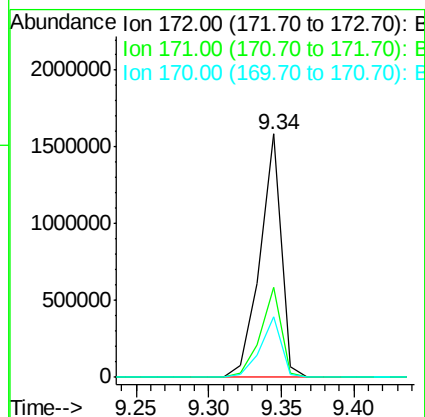
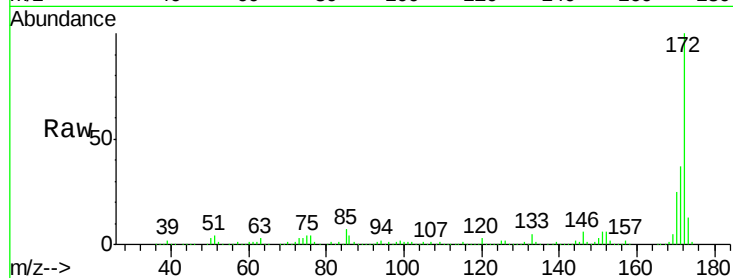




#44
2-Fluorobiphenyl
Concen: 84.83 ng
RT: 9.34 min Scan# 635
Delta R.T. -0.01 min
Lab File: BF092492.D
Acq: 25 Jan 2017 22:25

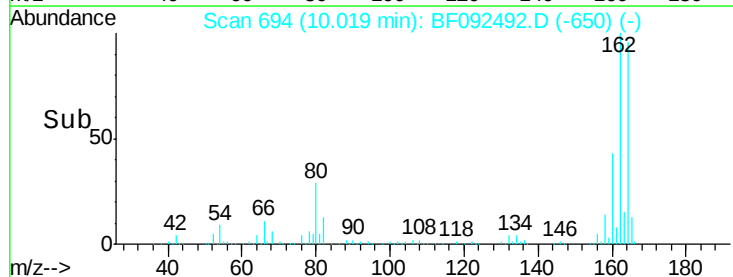
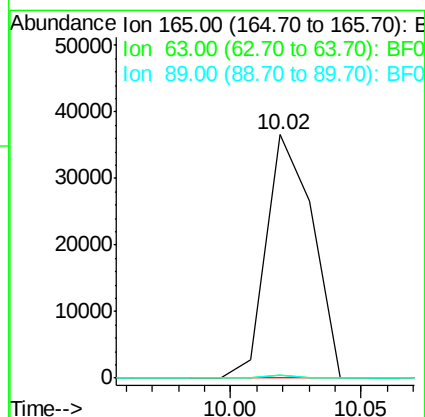
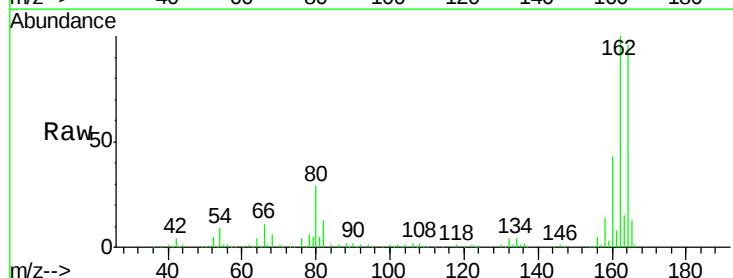
Instrument :
BNA_F
ClientSampleId :

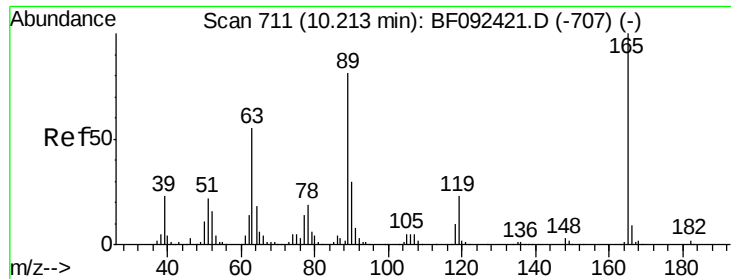
Tot Ion:172 Resp: 1620007
Ion Ratio Lower Upper
172 100
171 37.2 29.4 44.0
170 24.9 20.2 30.4



#50
2,6-Dinitrotoluene
Concen: 9.87 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.21 min
Lab File: BF092492.D
Acq: 25 Jan 2017 22:25

Tgt Ion:165 Resp: 45319
Ion Ratio Lower Upper
165 100
63 1.2 36.2 54.4#
89 1.2 40.2 60.4#

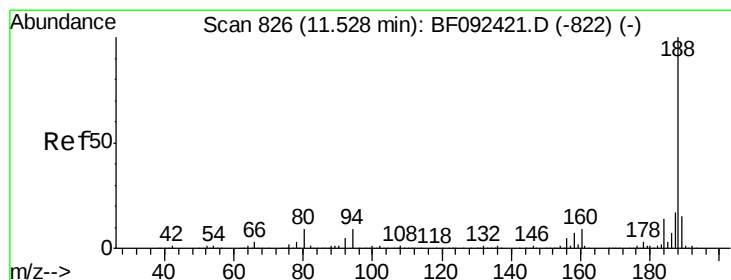
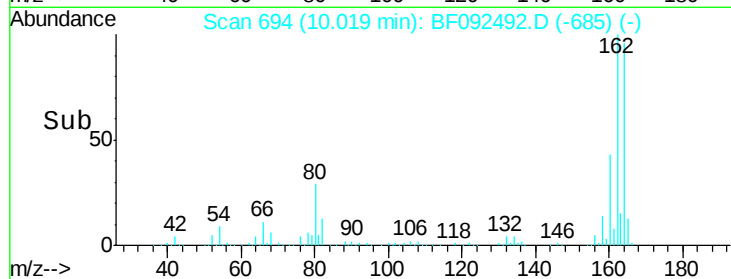
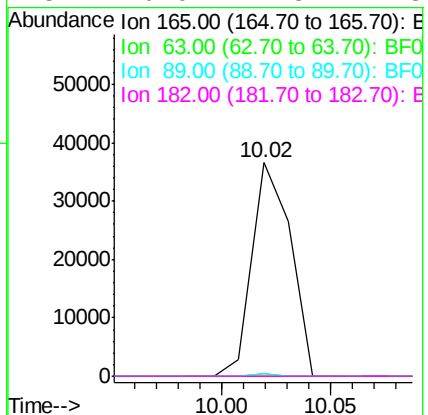
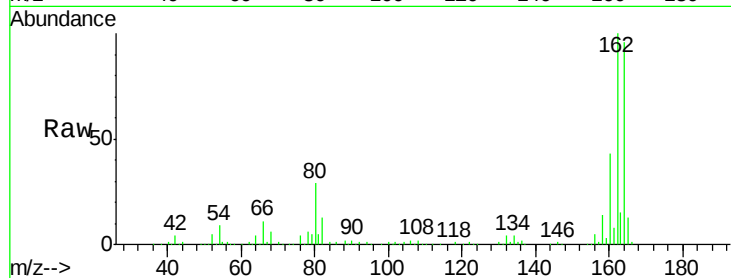




#56
 2,4-Dinitrotoluene
 Concen: 7.44 ng
 RT: 10.02 min Scan# 694
 Delta R.T. -0.19 min
 Lab File: BF092492.D
 Acq: 25 Jan 2017 22:25

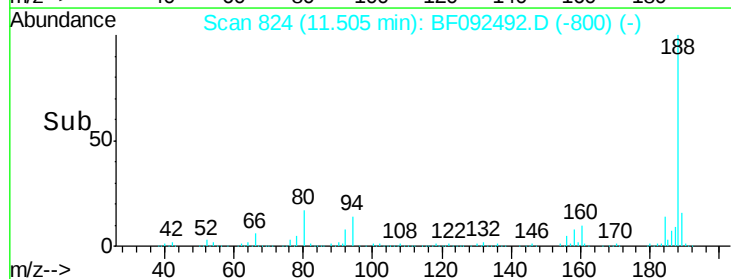
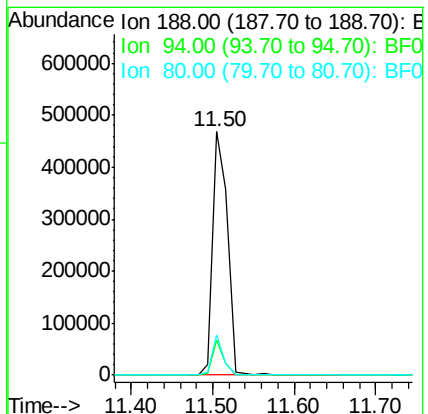
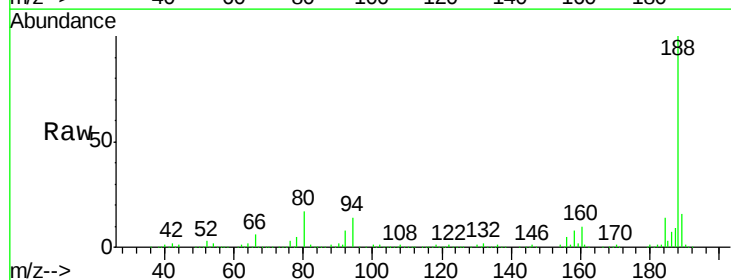
Instrument :
 BNA_F
 ClientSampled :

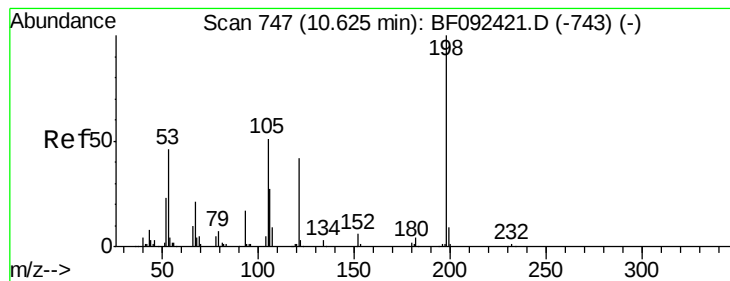
Tot Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	1.2	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF092492.D
 Acq: 25 Jan 2017 22:25

Tgt Ion	Ratio	Lower	Upper
188	100		
94	14.2	10.0	15.0
80	16.6	11.2	16.8





#64

4,6-Dinitro-2-methylphenol

Concen: 5.25 ng

RT: 10.82 min Scan# 764

Delta R.T. 0.20 min

Lab File: BF092492.D

Acq: 25 Jan 2017 22:25

Instrument :

BNA_F

ClientSampleId :

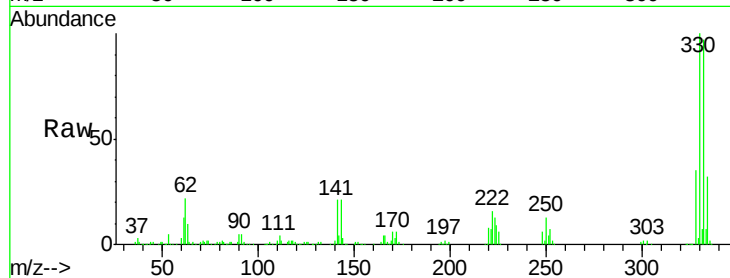
Tot Ion:198 Resp: 1074

Ion Ratio Lower Upper

198 100

51 88.7 6.7 46.7#

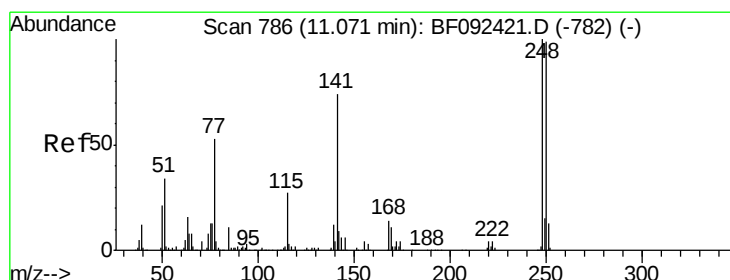
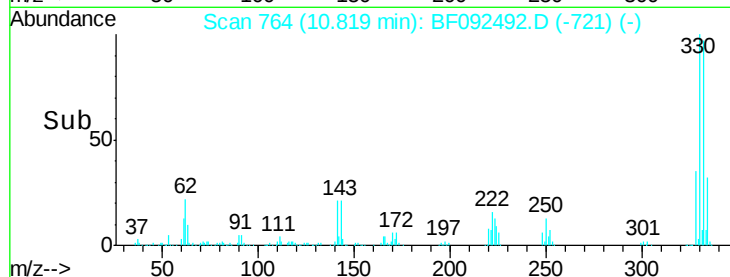
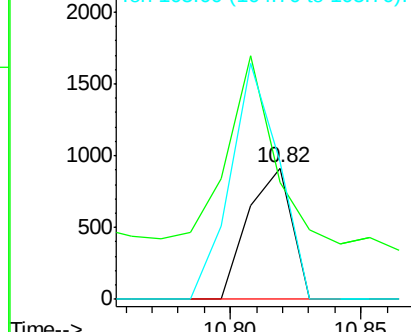
105 104.9 16.6 56.6#



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: 4.49 ng

RT: 10.82 min Scan# 764

Delta R.T. -0.25 min

Lab File: BF092492.D

Acq: 25 Jan 2017 22:25

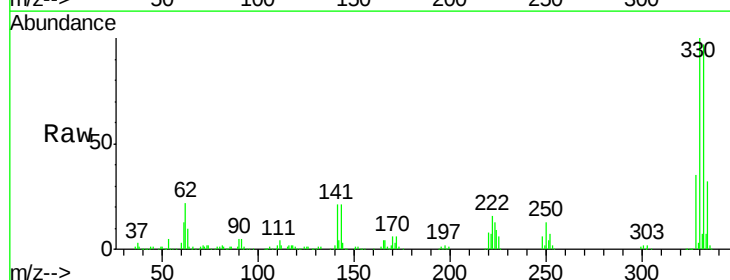
Tgt Ion:248 Resp: 26891

Ion Ratio Lower Upper

248 100

250 204.4 76.9 115.3#

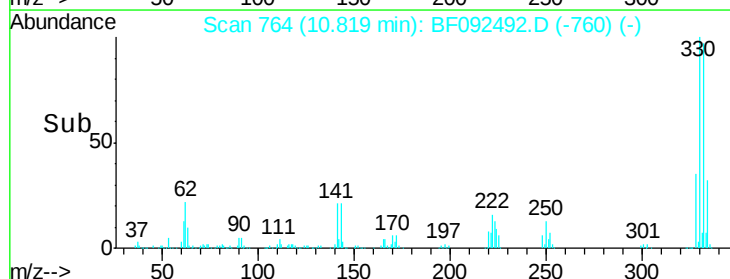
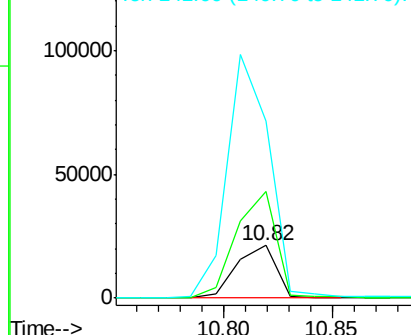
141 338.9 68.2 102.4#

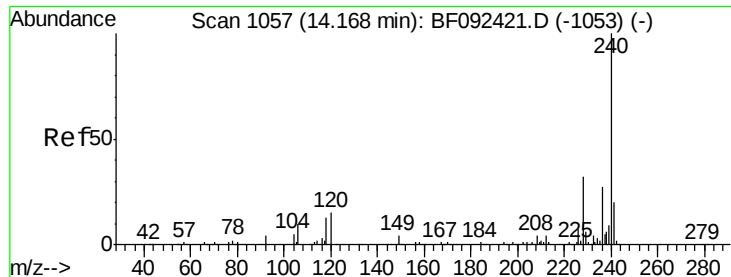


Abundance Ion 248.00 (247.70 to 248.70): E

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: 14.15 min Scan# 1055

Delta R.T. -0.02 min

Lab File: BF092492.D

Acq: 25 Jan 2017 22:25

Instrument :

BNA_F

ClientSampleId :

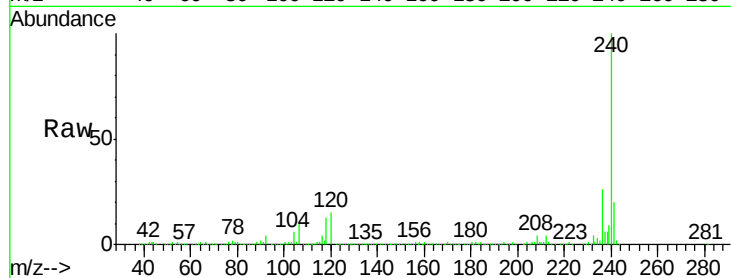
Tot Ion:240 Resp: 515399

Ion Ratio Lower Upper

240 100

120 15.1 12.9 19.3

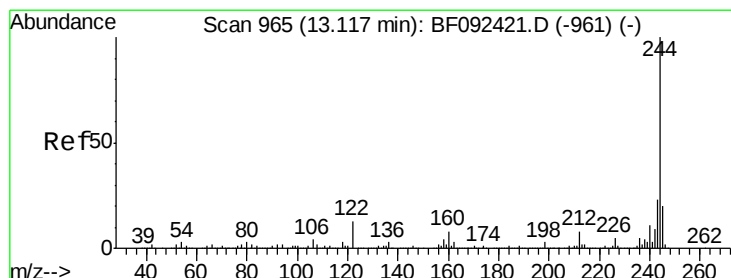
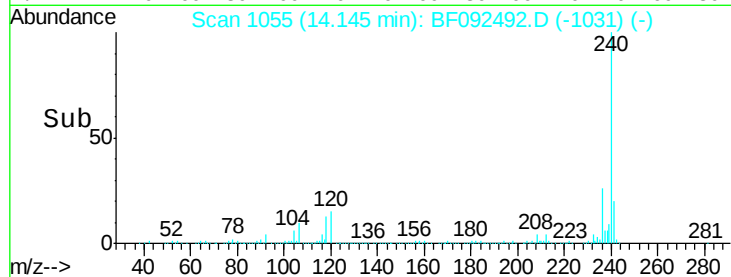
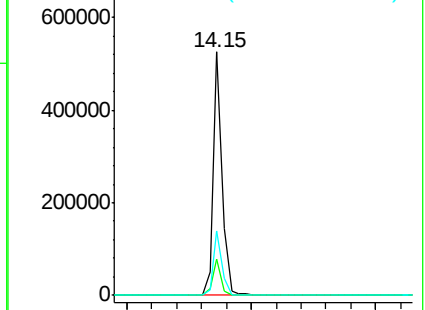
236 26.2 20.9 31.3



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: 88.05 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092492.D

Acq: 25 Jan 2017 22:25

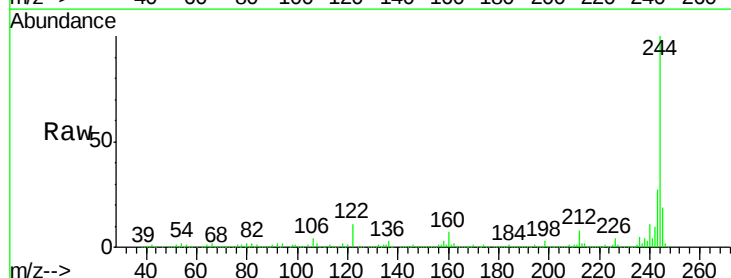
Tgt Ion:244 Resp: 1704270

Ion Ratio Lower Upper

244 100

212 7.7 6.2 9.2

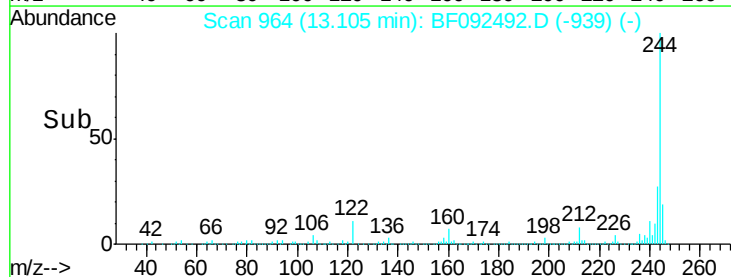
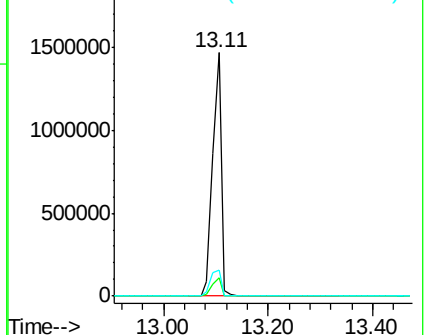
122 10.9 11.4 17.2#

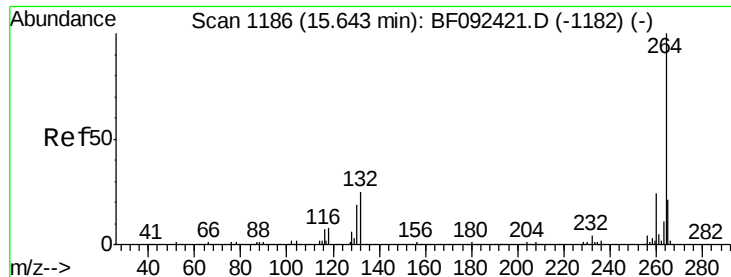


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

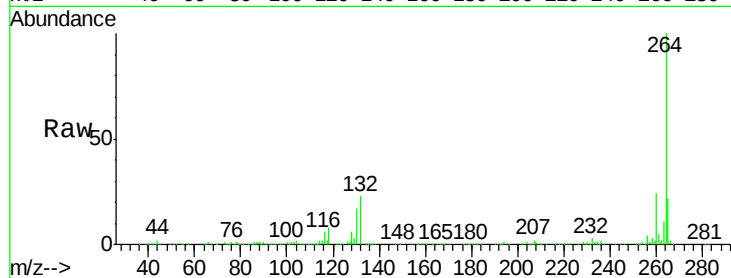




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF092492.D
Acq: 25 Jan 2017 22:25

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	19.2	28.8
265	22.2	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

