

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012617\
 Data File : BF092518.D
 Acq On : 26 Jan 2017 11:48
 Operator : SJ/MA
 Sample : I1309-04
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 13:28:50 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

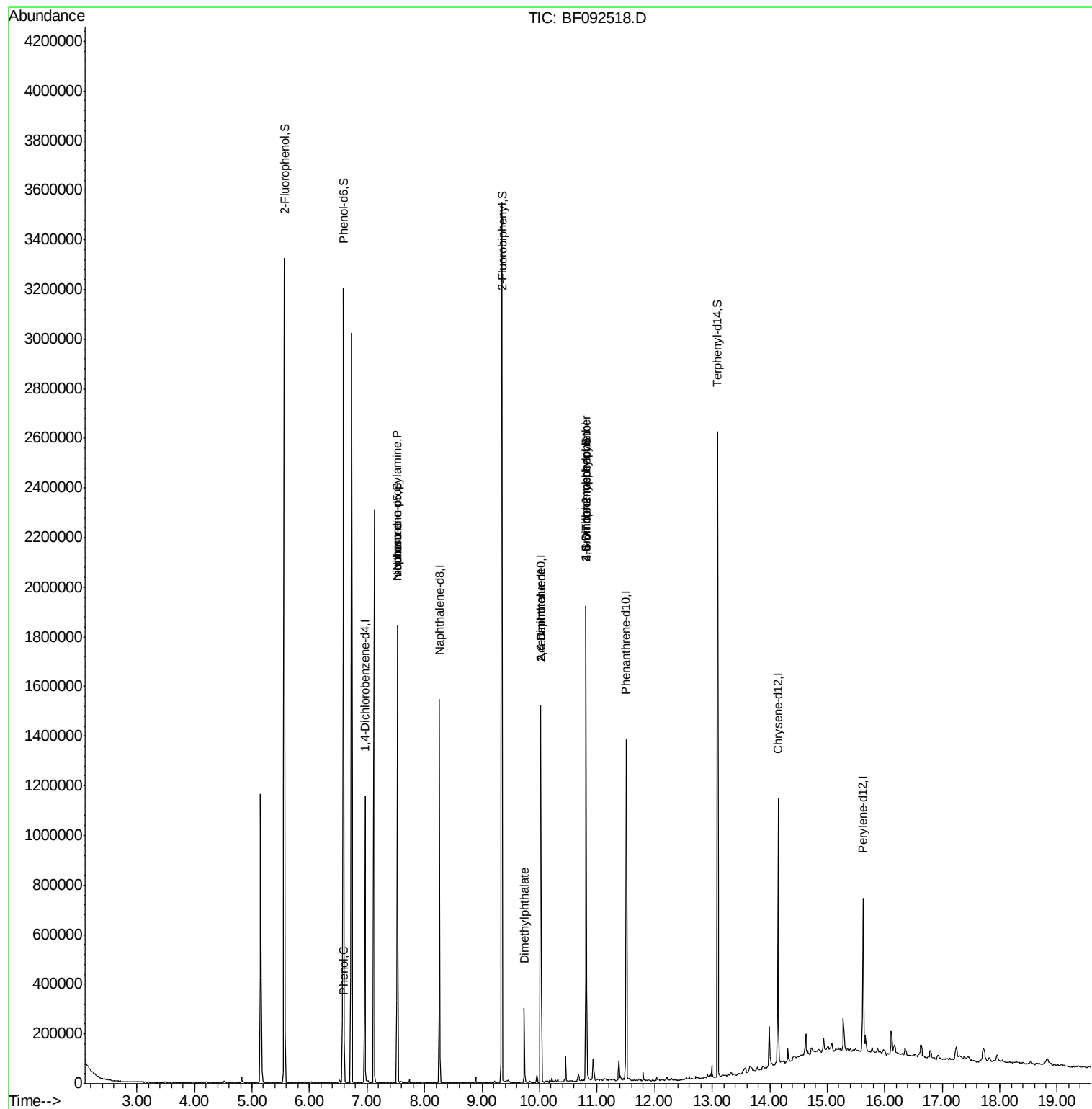
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	161897	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	647893	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	322564	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	513937	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	352364	20.00	ng	-0.02
86) Perylene-d12	15.62	264	324513	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	884095	84.96	ng	0.01
7) Phenol-d6	6.59	99	1275516	96.23	ng	0.00
23) Nitrobenzene-d5	7.53	82	677574	57.13	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	207065	94.20	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1189498	68.19	ng	-0.01
78) Terphenyl-d14	13.09	244	820037	61.97	ng	-0.02
Target Compounds						
10) Phenol	6.60	94	45388	2.84	ng	# 63
19) n-Nitroso-di-n-propylamine	7.53	70	88877	9.85	ng	# 84
25) Isophorone	7.53	82	598524	25.61	ng	# 65
49) Dimethylphthalate	9.73	163	111822	5.45	ng	# 99
50) 2,6-Dinitrotoluene	10.02	165	40941	9.76	ng	# 30
56) 2,4-Dinitrotoluene	10.02	165	40934	7.36	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.81	198	415	5.09	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	15678	3.02	ng	# 1

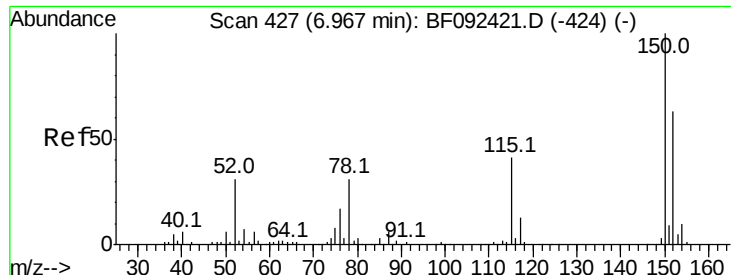
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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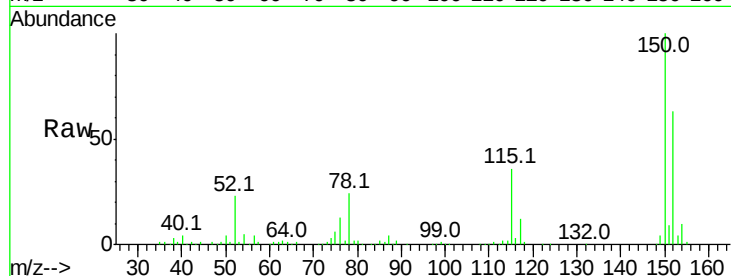


#1

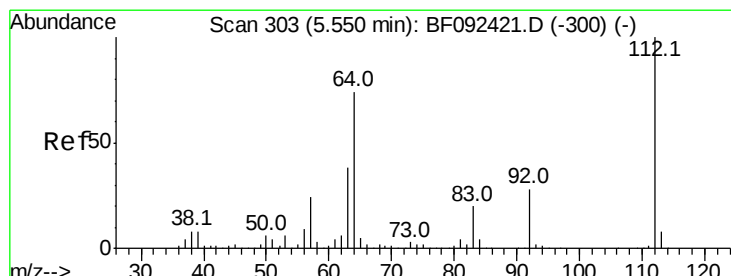
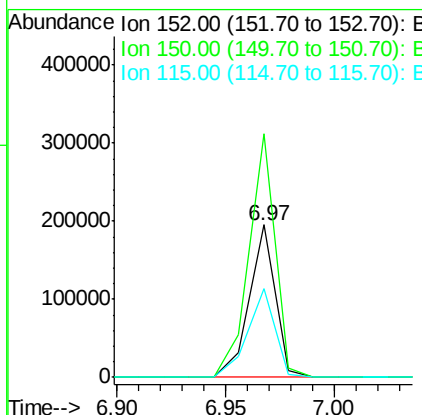
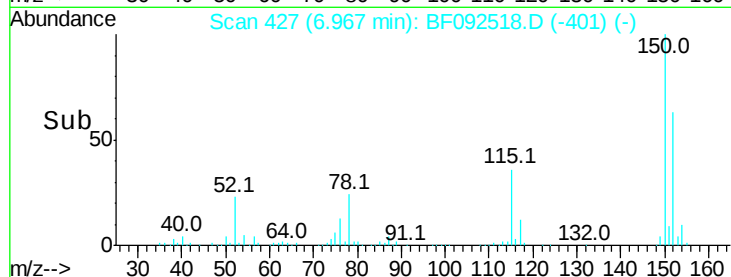
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092518.D
Acq: 26 Jan 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	159.6	124.9	187.3
115	58.0	46.0	69.0



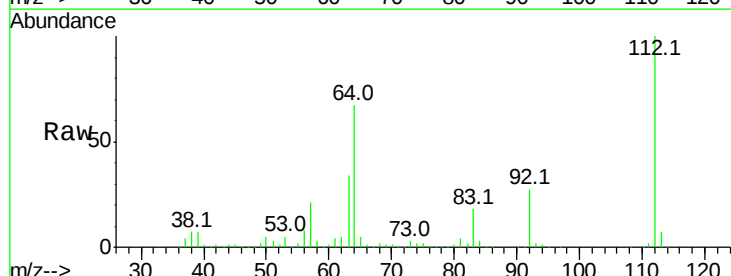
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



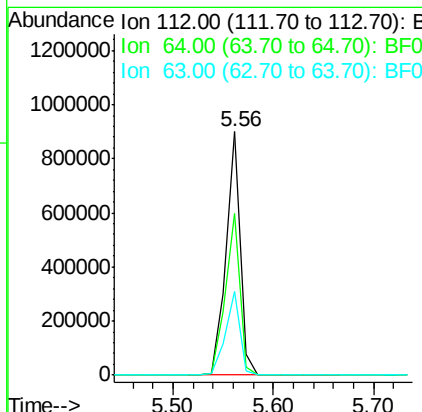
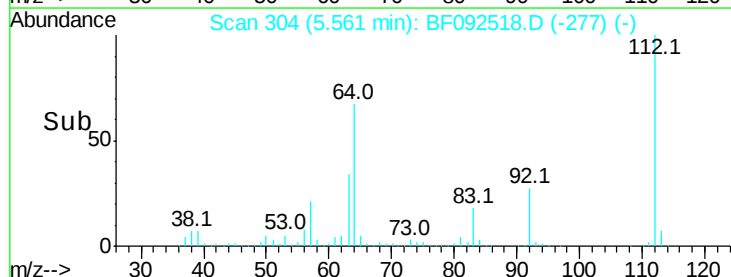
#5

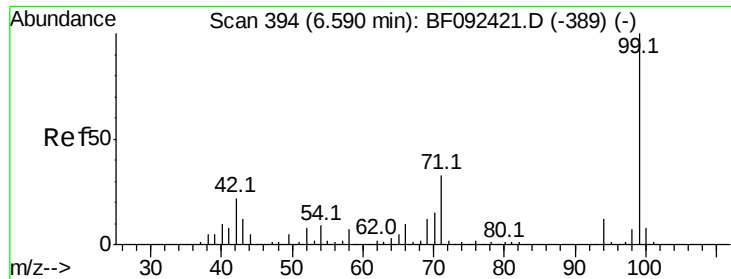
2-Fluorophenol
Concen: 84.96 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092518.D
Acq: 26 Jan 2017 11:48

Tgt Ion	Ratio	Lower	Upper
112	100		
64	66.6	46.1	69.1
63	34.2	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: 96.23 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092518.D

Acq: 26 Jan 2017 11:48

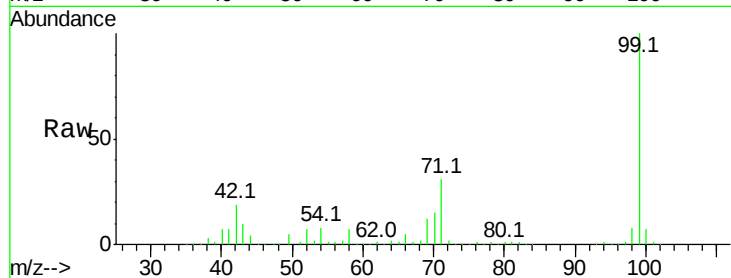
Instrument :

BNA_F

ClientSampled :

Tot Ion: 99 Resp: 1275516

Ion	Ratio	Lower	Upper
99	100		
42	19.0	15.6	23.4
71	31.5	27.5	41.3

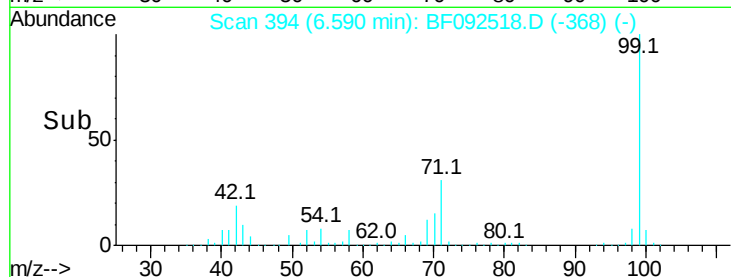


Abundance

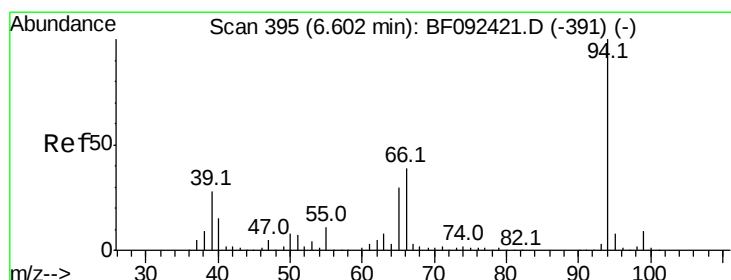
Ion 99.00 (98.70 to 99.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 71.00 (70.70 to 71.70): BF0



Time-->



#10

Phenol

Concen: 2.84 ng

RT: 6.60 min Scan# 395

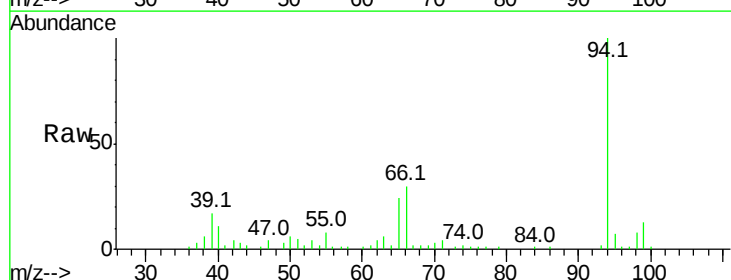
Delta R.T. -0.00 min

Lab File: BF092518.D

Acq: 26 Jan 2017 11:48

Tgt Ion: 94 Resp: 45388

Ion	Ratio	Lower	Upper
94	100		
65	24.3	21.4	61.4
66	30.0	44.0	84.0#

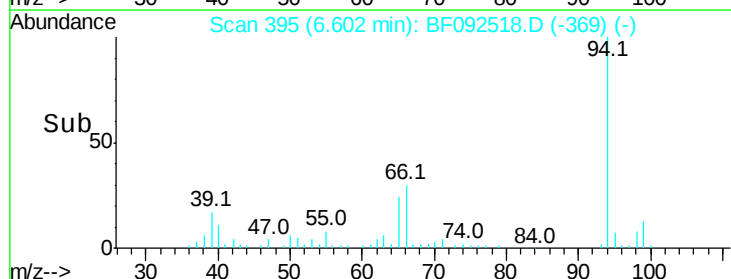


Abundance

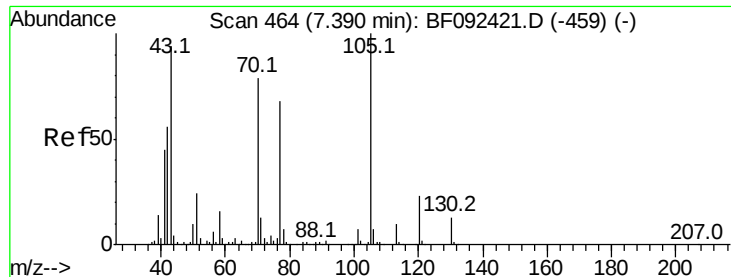
Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0



Time-->



#19

n-Nitroso-di-n-propylamine

Concen: 9.85 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF092518.D

Acq: 26 Jan 2017 11:48

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 70 Resp: 88877

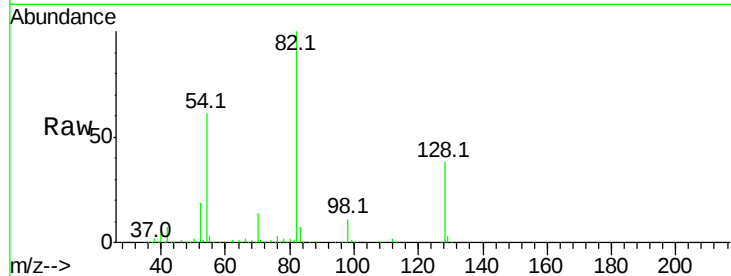
Ion Ratio Lower Upper

70 100

42 54.7 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

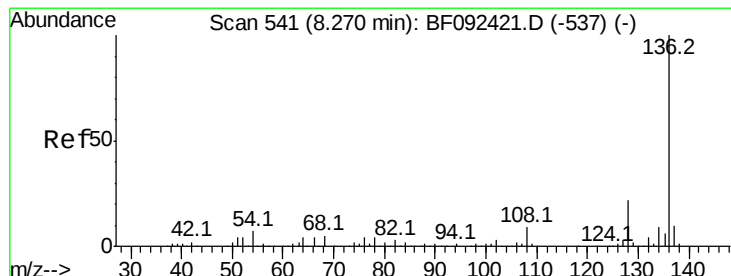
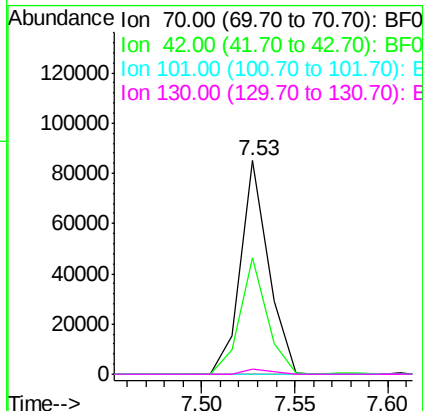
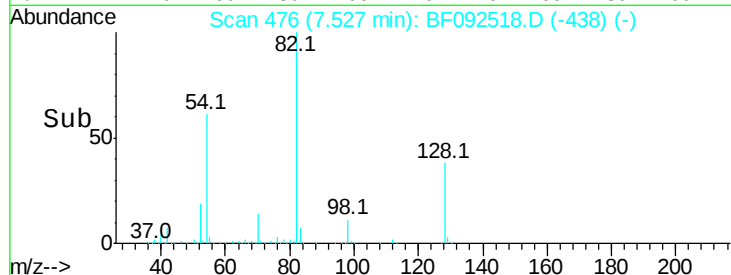


Abundance Ion 70.00 (69.70 to 70.70): BF0

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: 8.26 min Scan# 540

Delta R.T. -0.01 min

Lab File: BF092518.D

Acq: 26 Jan 2017 11:48

Tgt Ion:136 Resp: 647893

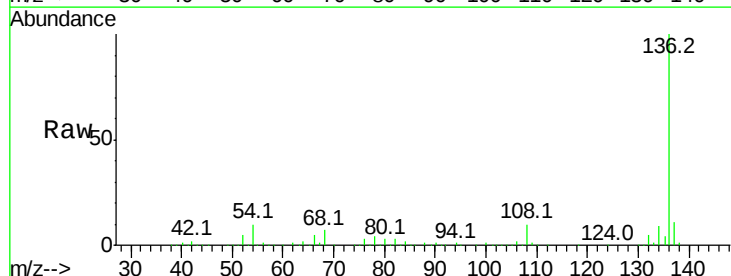
Ion Ratio Lower Upper

136 100

137 11.0 8.4 12.6

54 9.8 4.5 6.7#

68 6.9 3.6 5.4#

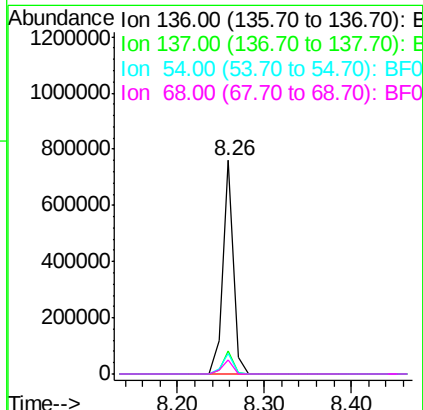
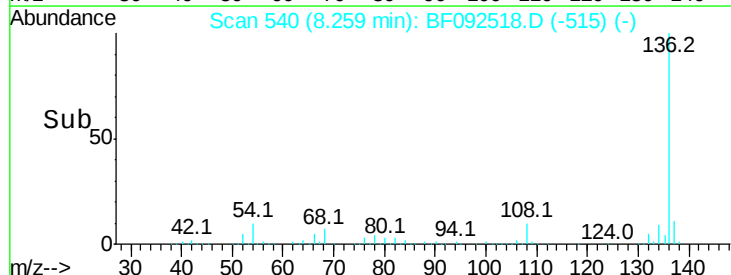


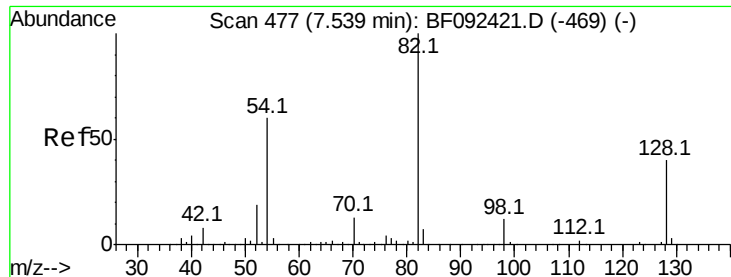
Abundance Ion 136.00 (135.70 to 136.70): E

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

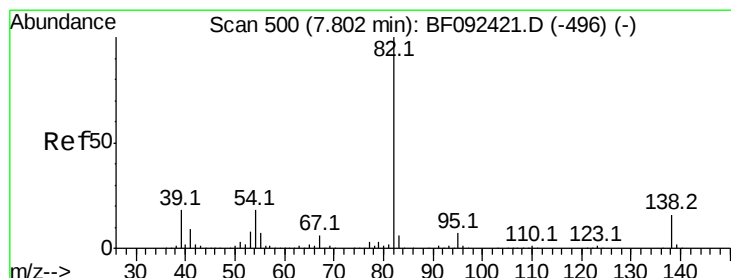
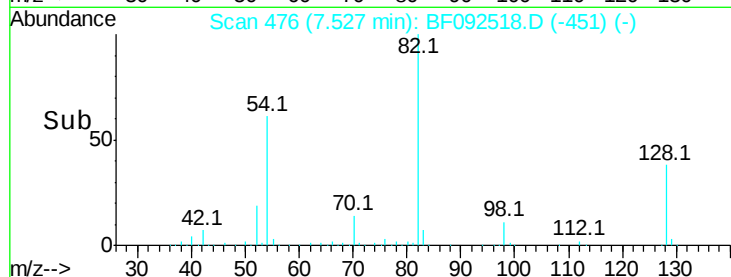
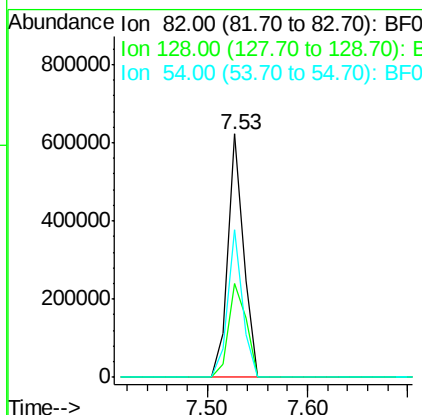
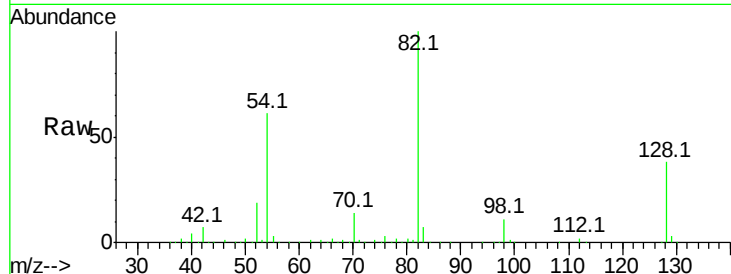




#23
Nitrobenzene-d5
Concen: 57.13 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092518.D
Acq: 26 Jan 2017 11:48

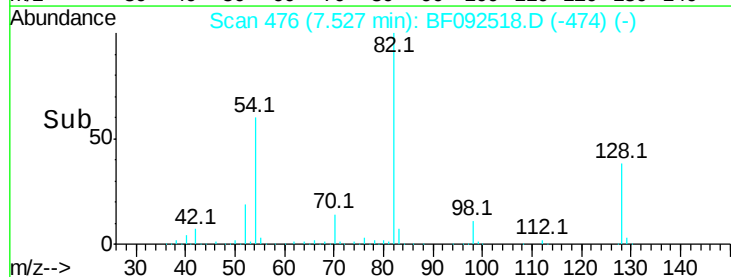
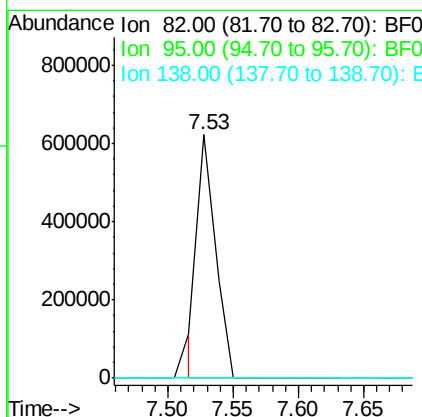
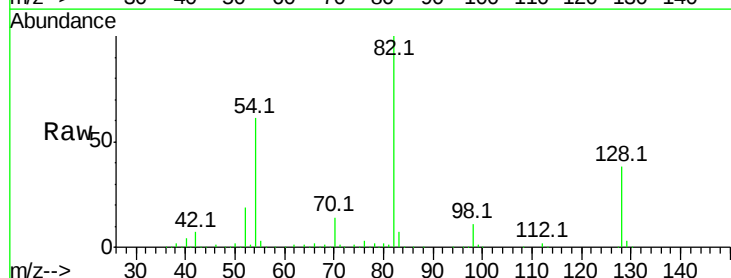
Instrument :
BNA_F
ClientSampleId :

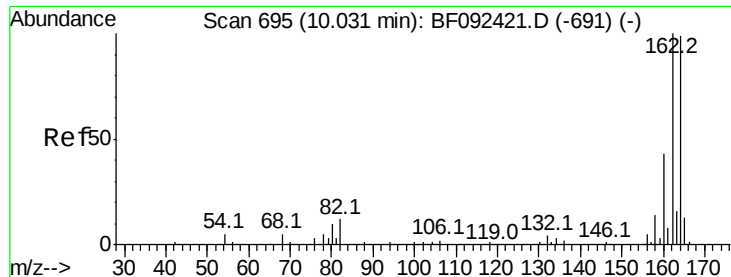
Tot Ion	Ratio	Lower	Upper
82	100		
128	38.3	34.6	52.0
54	60.5	39.5	59.3



#25
Isophorone
Concen: 25.61 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.27 min
Lab File: BF092518.D
Acq: 26 Jan 2017 11:48

Tgt Ion	Ratio	Lower	Upper
82	100		
95	0.0	5.6	8.4
138	0.0	14.6	22.0

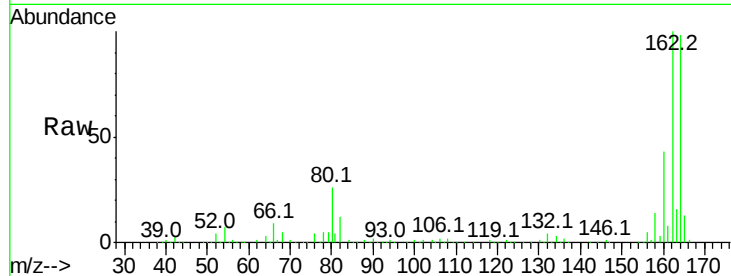




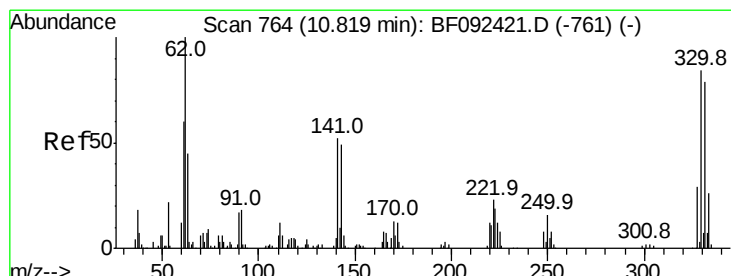
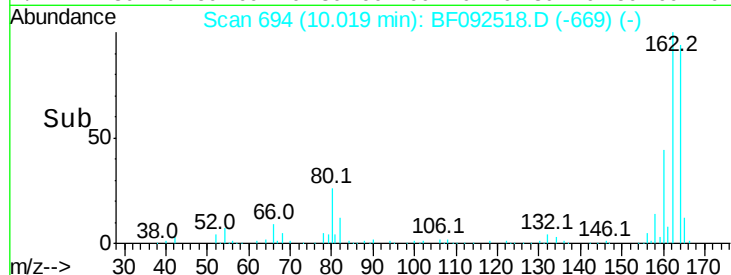
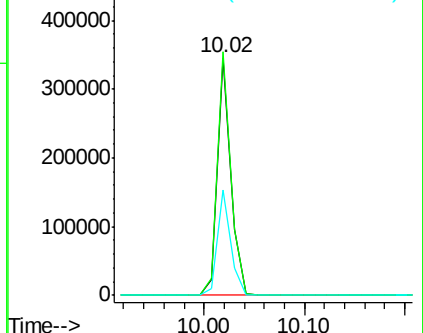
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.01 min
Lab File: BF092518.D
Acq: 26 Jan 2017 11:48

Instrument :
BNA_F
ClientSampleId :

Tot Ion:164 Resp: 322564
Ion Ratio Lower Upper
164 100
162 102.4 80.2 120.2
160 44.4 36.9 55.3

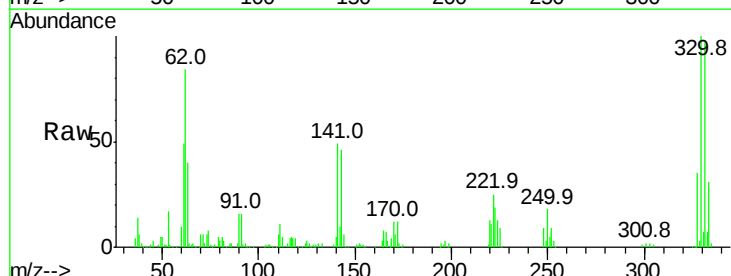


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

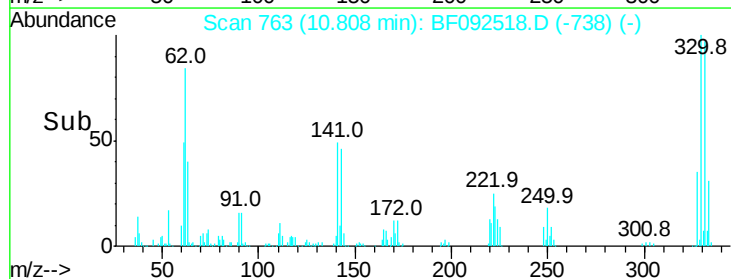
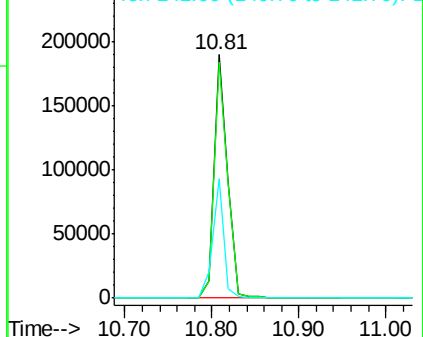


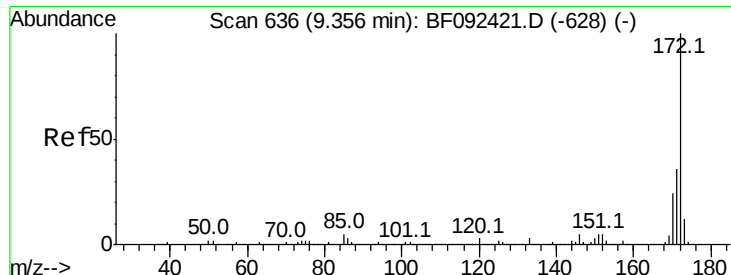
#41
2,4,6-Tribromophenol
Concen: 94.20 ng
RT: 10.81 min Scan# 763
Delta R.T. -0.01 min
Lab File: BF092518.D
Acq: 26 Jan 2017 11:48

Tgt Ion:330 Resp: 207065
Ion Ratio Lower Upper
330 100
332 97.3 77.4 116.2
141 41.1 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: 68.19 ng

RT: 9.34 min Scan# 635

Delta R.T. -0.01 min

Lab File: BF092518.D

Acq: 26 Jan 2017 11:48

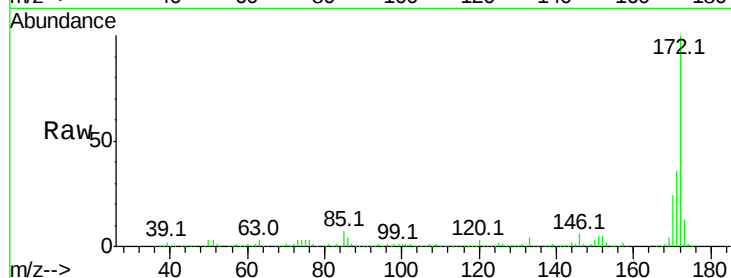
Instrument :

BNA_F

ClientSampleId :

Tot Ion:172 Resp: 1189498

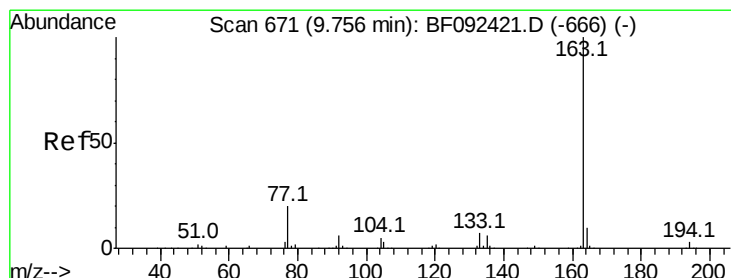
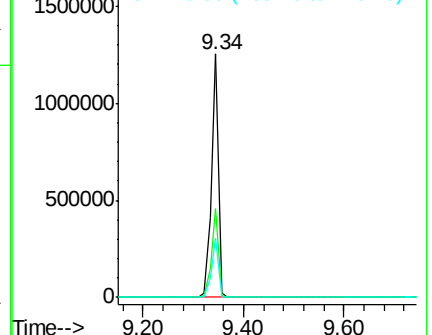
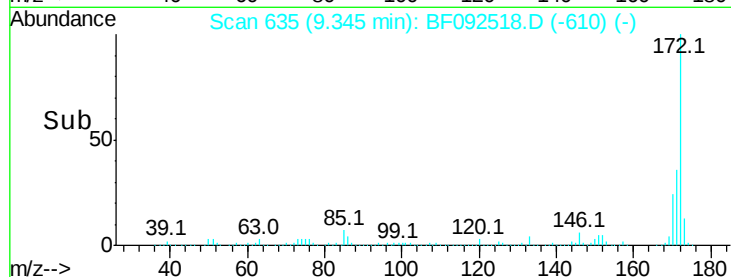
Ion	Ratio	Lower	Upper
172	100		
171	36.3	29.4	44.0
170	24.1	20.2	30.4



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



#49

Dimethylphthalate

Concen: 5.45 ng

RT: 9.73 min Scan# 669

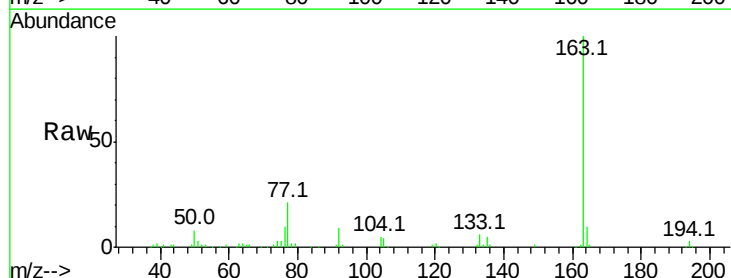
Delta R.T. -0.02 min

Lab File: BF092518.D

Acq: 26 Jan 2017 11:48

Tgt Ion:163 Resp: 111822

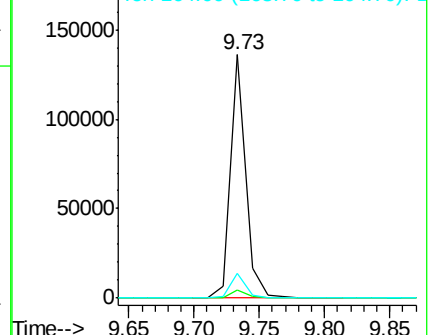
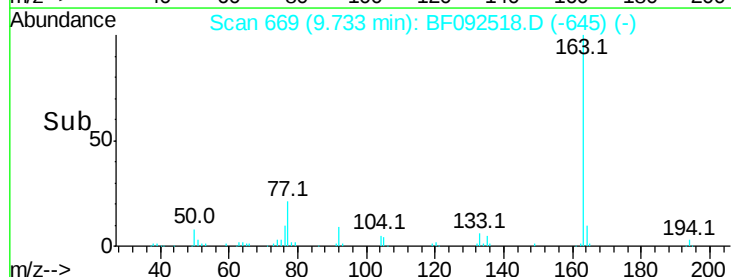
Ion	Ratio	Lower	Upper
163	100		
194	3.4	3.0	4.4
164	10.2	8.0	12.0

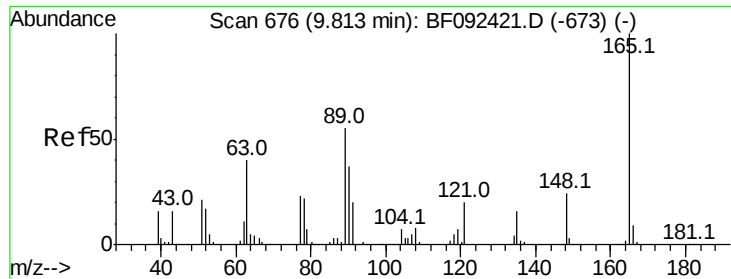


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

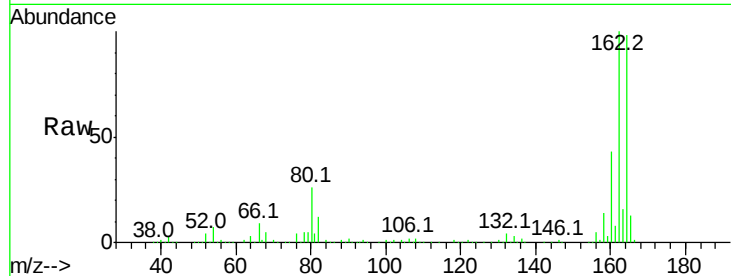




#50
2,6-Dinitrotoluene
Concen: 9.76 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.21 min
Lab File: BF092518.D
Acq: 26 Jan 2017 11:48

Instrument :
BNA_F
ClientSampled :

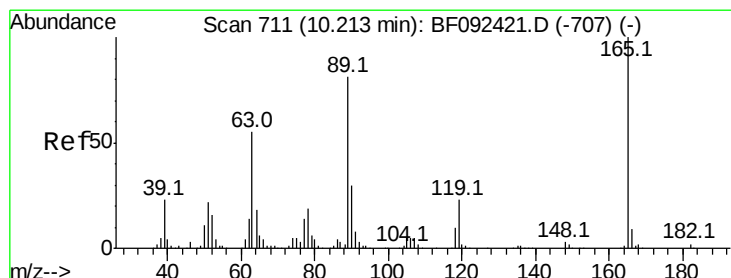
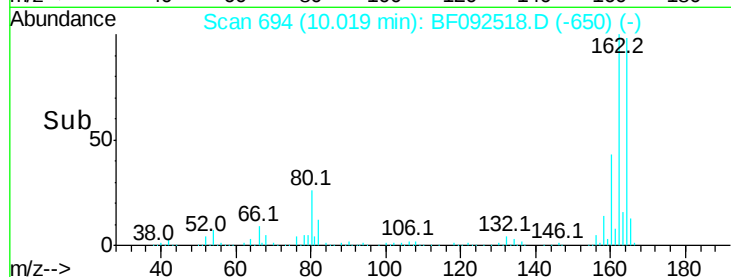
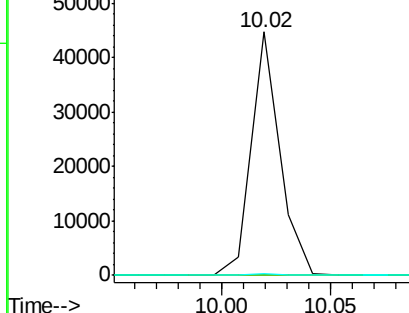
Tot Ion	Ratio	Lower	Upper
165	100		
63	0.0	36.2	54.4#
89	1.0	40.2	60.4#



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: 7.36 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.19 min
Lab File: BF092518.D
Acq: 26 Jan 2017 11:48

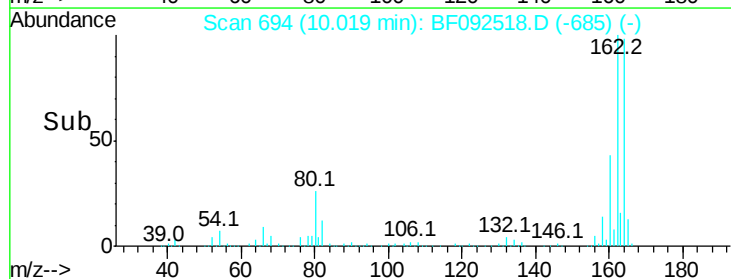
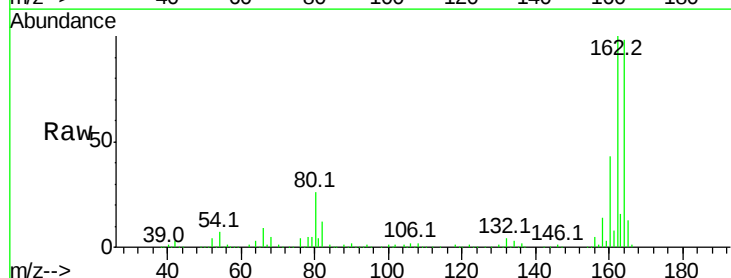
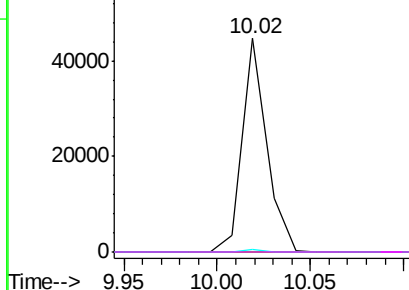
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.0	40.2	60.4#
89	1.0	62.5	93.7#
182	0.0	1.8	2.8#

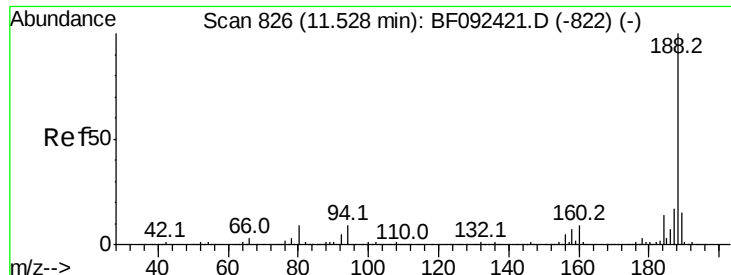
Abundance Ion 165.00 (164.70 to 165.70): E

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

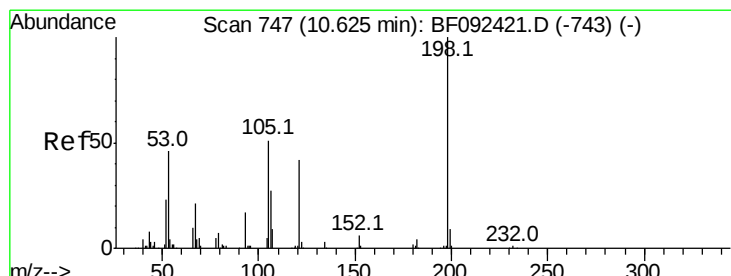
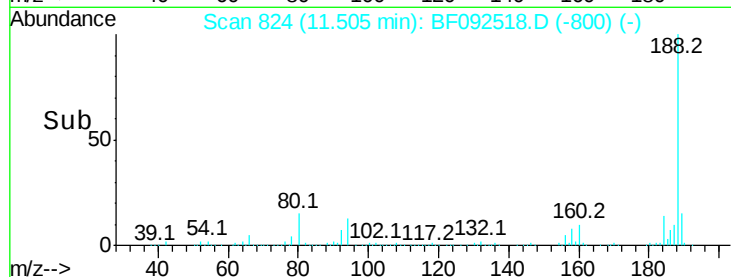
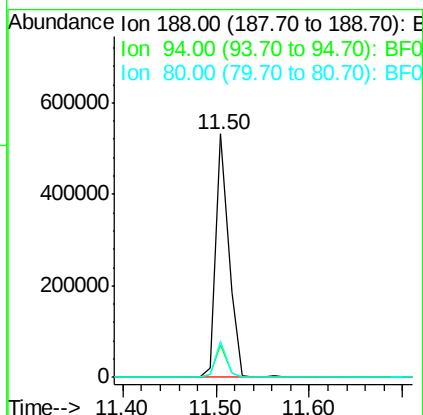
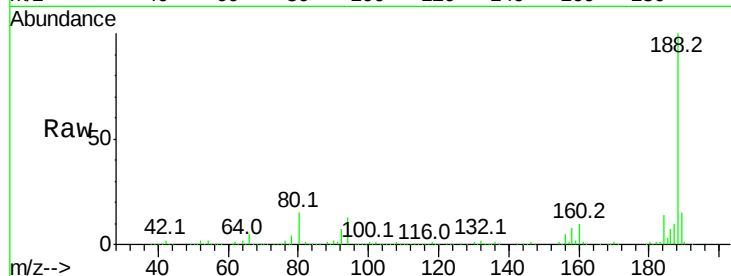




#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF092518.D
 Acq: 26 Jan 2017 11:48

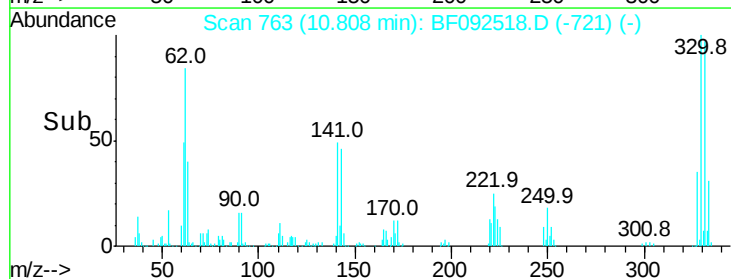
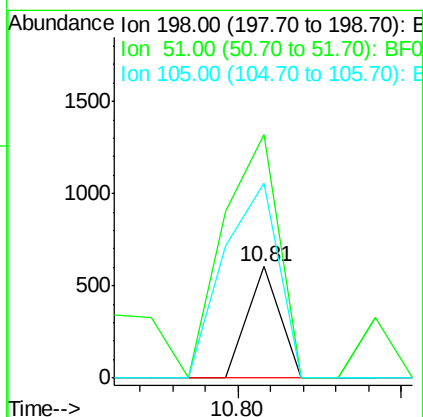
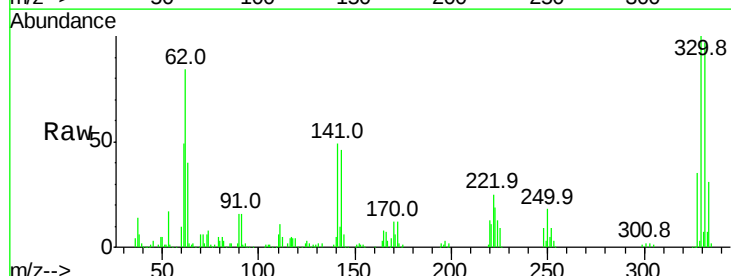
Instrument :
 BNA_F
 ClientSampleId :

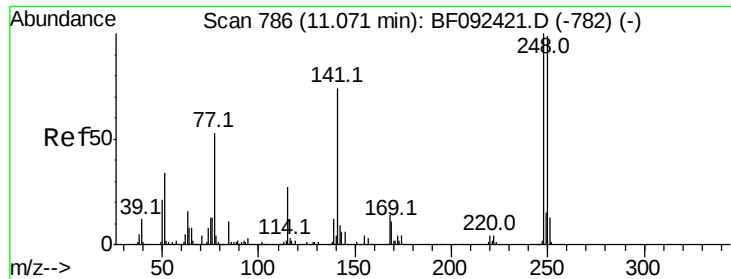
Tot Ion:188 Resp: 513937
 Ion Ratio Lower Upper
 188 100
 94 13.5 10.0 15.0
 80 14.9 11.2 16.8



#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.09 ng
 RT: 10.81 min Scan# 763
 Delta R.T. 0.18 min
 Lab File: BF092518.D
 Acq: 26 Jan 2017 11:48

Tgt Ion:198 Resp: 415
 Ion Ratio Lower Upper
 198 100
 51 218.3 6.7 46.7#
 105 174.7 16.6 56.6#

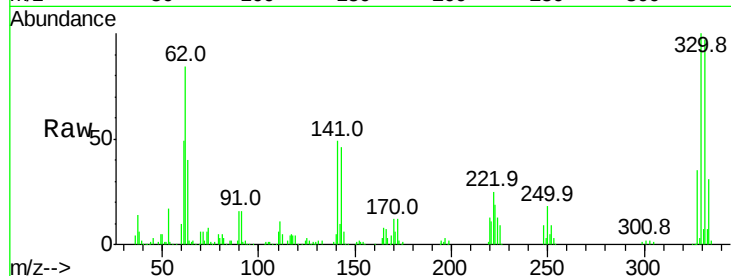




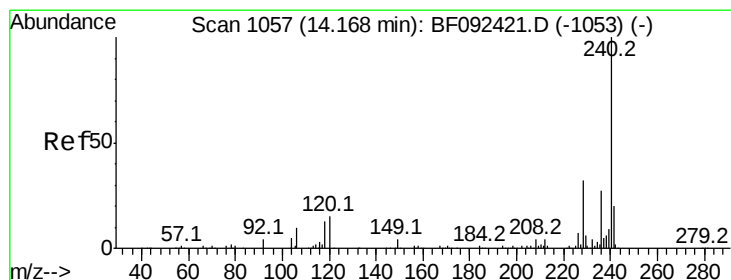
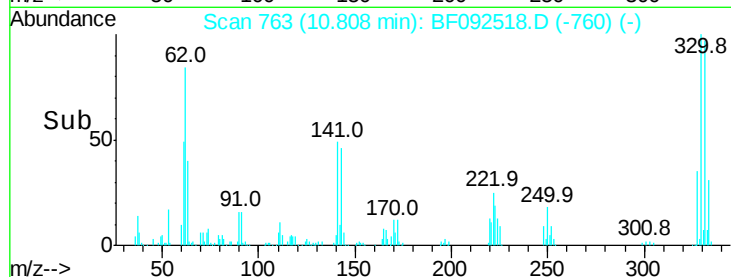
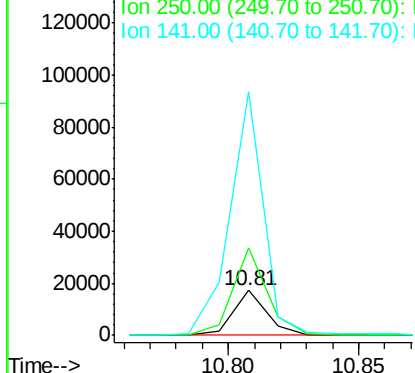
#66
 4-Bromophenyl-phenylether
 Concen: 3.02 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.26 min
 Lab File: BF092518.D
 Acq: 26 Jan 2017 11:48

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 15678
 Ion Ratio Lower Upper
 248 100
 250 194.8 76.9 115.3#
 141 545.1 68.2 102.4#

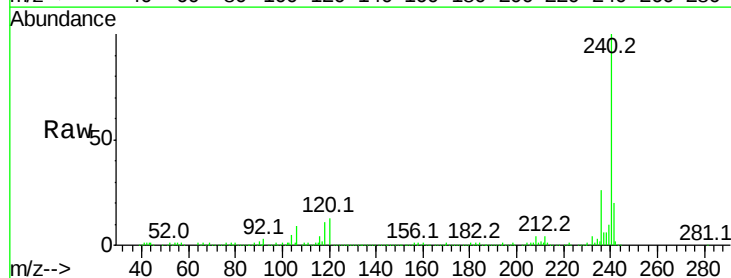


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

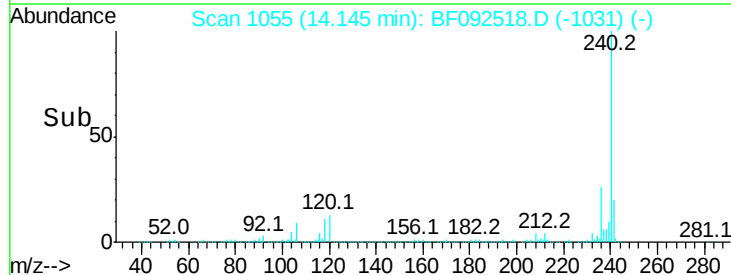
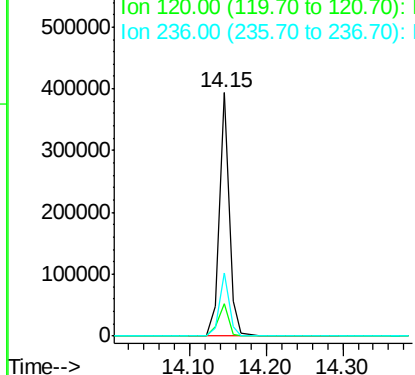


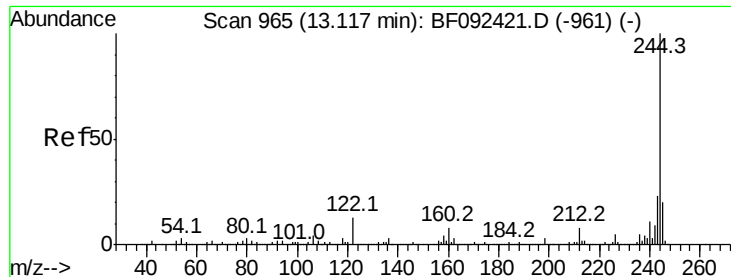
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF092518.D
 Acq: 26 Jan 2017 11:48

Tgt Ion:240 Resp: 352364
 Ion Ratio Lower Upper
 240 100
 120 13.5 12.9 19.3
 236 26.0 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: 61.97 ng

RT: 13.09 min Scan# 963

Delta R.T. -0.02 min

Lab File: BF092518.D

Acq: 26 Jan 2017 11:48

Instrument :
BNA_F
ClientSampled :

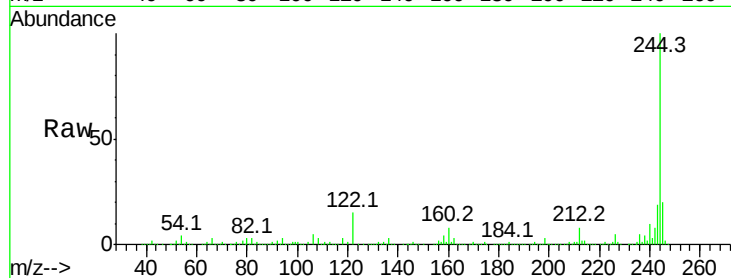
Tot Ion:244 Resp: 820037

Ion Ratio Lower Upper

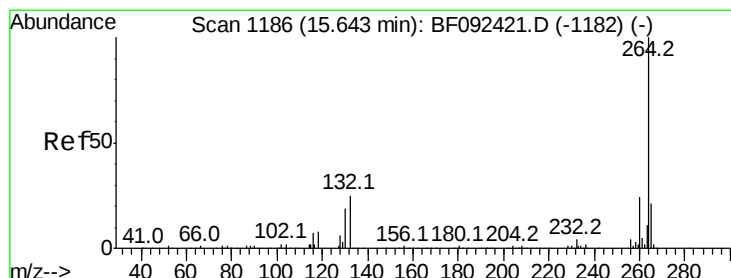
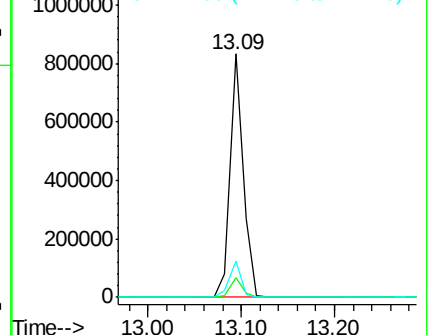
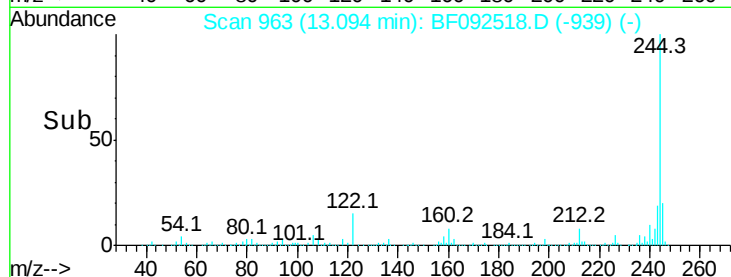
244 100

212 7.9 6.2 9.2

122 15.0 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

Perylene-d12

Concen: 20.00 ng

RT: 15.62 min Scan# 1184

Delta R.T. -0.02 min

Lab File: BF092518.D

Acq: 26 Jan 2017 11:48

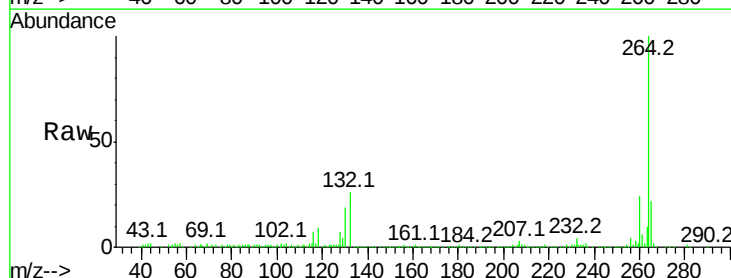
Tgt Ion:264 Resp: 324513

Ion Ratio Lower Upper

264 100

260 23.7 19.2 28.8

265 22.1 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

