

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF012617\
 Data File : BF092545.D
 Acq On : 27 Jan 2017 00:37
 Operator : SJ/MA
 Sample : I1451-04
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 W-35

Quant Time: Jan 27 01:42:01 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

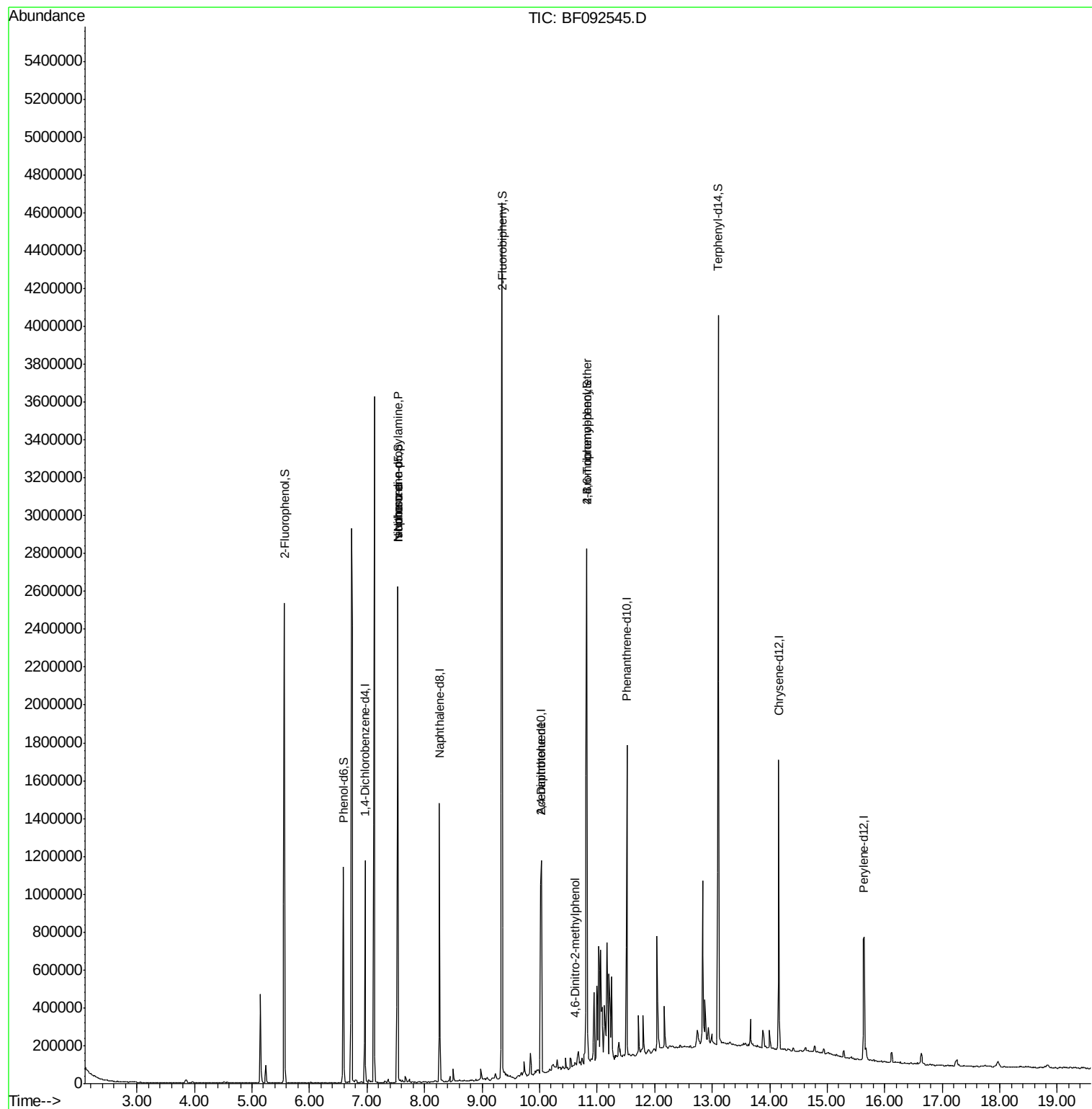
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	161216	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	650841	20.00	ng	-0.01
38) Acenaphthene-d10	10.03	164	362350	20.00	ng	0.00
63) Phenanthrene-d10	11.52	188	648544	20.00	ng	-0.01
75) Chrysene-d12	14.16	240	523853	20.00	ng	-0.01
86) Perylene-d12	15.64	264	376992	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	677583	65.39	ng	0.01
7) Phenol-d6	6.59	99	554326	42.00	ng	0.00
23) Nitrobenzene-d5	7.54	82	1153502	96.81	ng	0.00
41) 2,4,6-Tribromophenol	10.82	330	362895	146.96	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1655881	84.50	ng	-0.01
78) Terphenyl-d14	13.11	244	1580623	80.35	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.54	70	154623	17.20	ng	# 80
25) Isophorone	7.54	82	1057008	45.02	ng	# 65
56) 2,4-Dinitrotoluene	10.03	165	46564	7.45	ng	# 20
64) 4,6-Dinitro-2-methylphenol	10.61	198	2973	5.71	ng	# 88
66) 4-Bromophenyl-phenylether	10.82	248	27882	4.26	ng	# 1

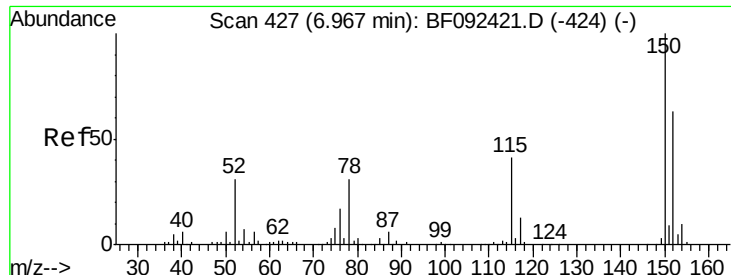
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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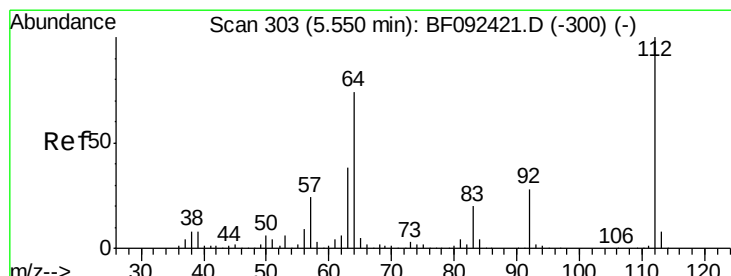
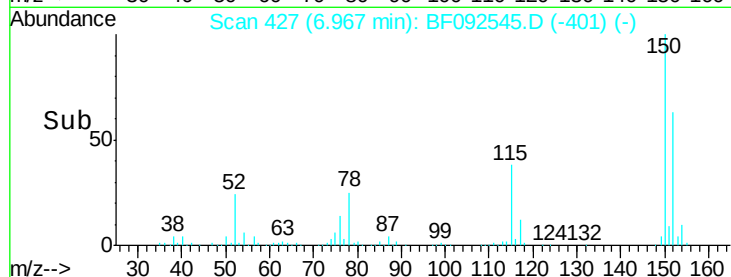
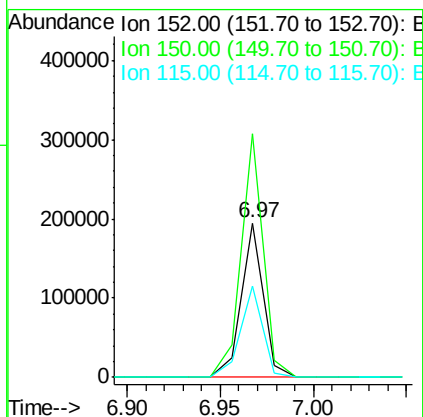
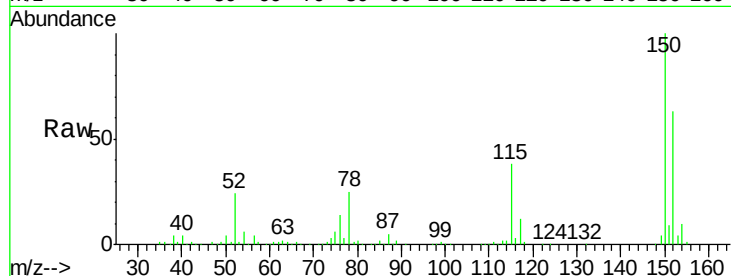


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. 0.00 min
Lab File: BF092545.D
Acq: 27 Jan 2017 00:37

Instrument :
BNA_F
ClientSampled :
W-35

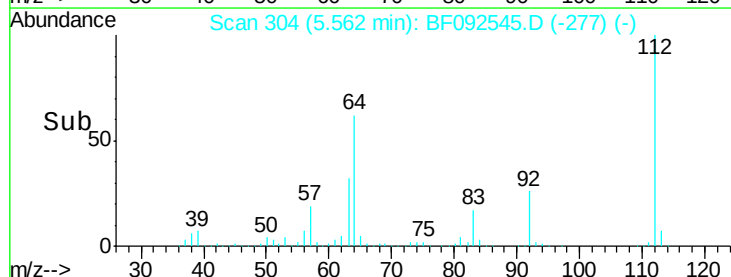
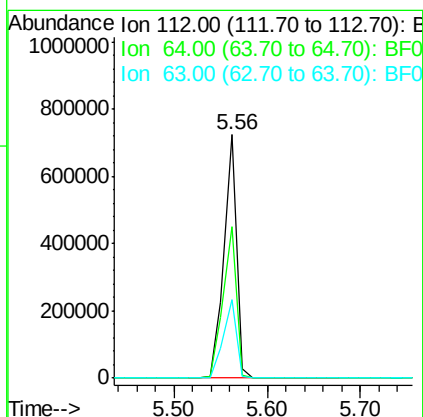
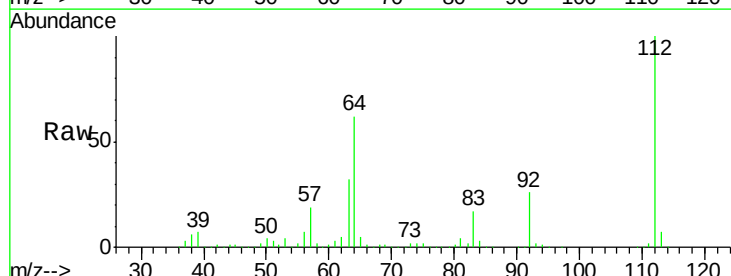
Tgt Ion:152 Resp: 161216
Ion Ratio Lower Upper
152 100
150 157.8 124.9 187.3
115 59.2 46.0 69.0

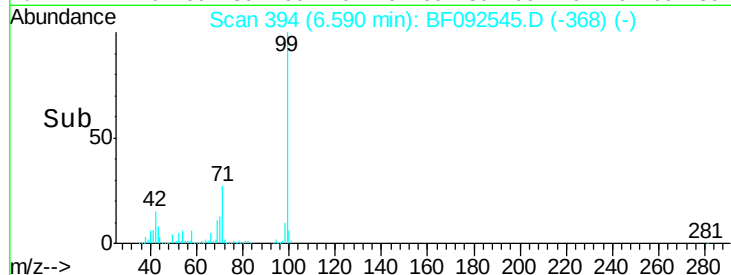
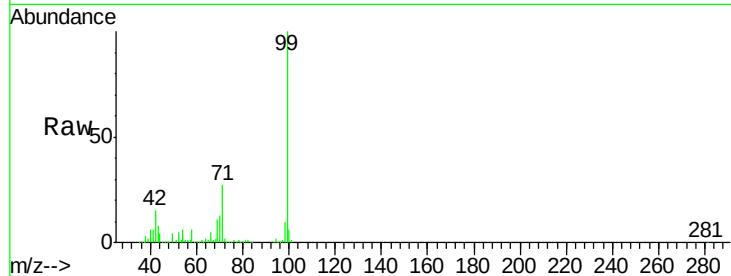
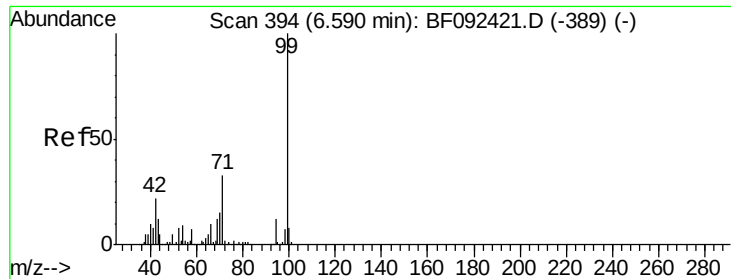


#5

2-Fluorophenol
Concen: 65.39 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092545.D
Acq: 27 Jan 2017 00:37

Tgt Ion:112 Resp: 677583
Ion Ratio Lower Upper
112 100
64 62.0 46.1 69.1
63 32.0 23.8 35.6





#7

Phenol-d6

Concen: 42.00 ng

RT: 6.59 min Scan# 394

Delta R.T. 0.00 min

Lab File: BF092545.D

Acq: 27 Jan 2017 00:37

Instrument :

BNA_F

ClientSampled :

W-35

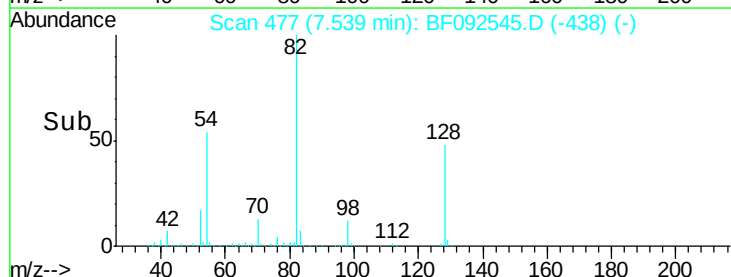
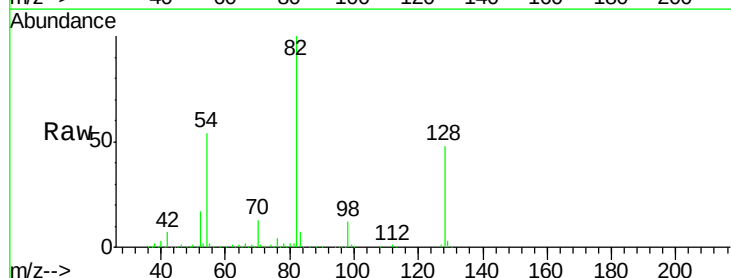
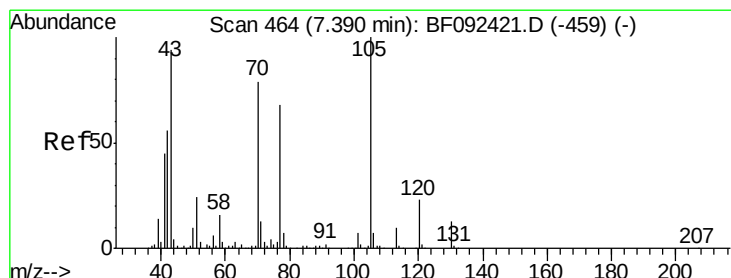
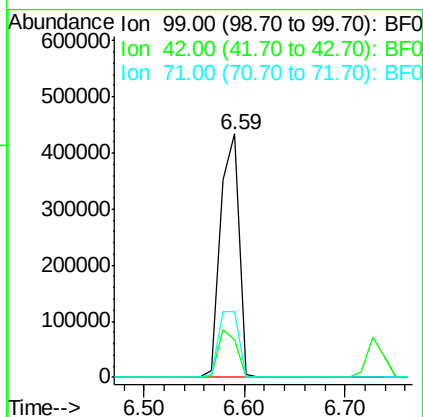
Tgt Ion: 99 Resp: 554326

Ion Ratio Lower Upper

99 100

42 15.2 15.6 23.4#

71 26.9 27.5 41.3#



#19

n-Nitroso-di-n-propylamine

Concen: 17.20 ng

RT: 7.54 min Scan# 477

Delta R.T. 0.15 min

Lab File: BF092545.D

Acq: 27 Jan 2017 00:37

Tgt Ion: 70 Resp: 154623

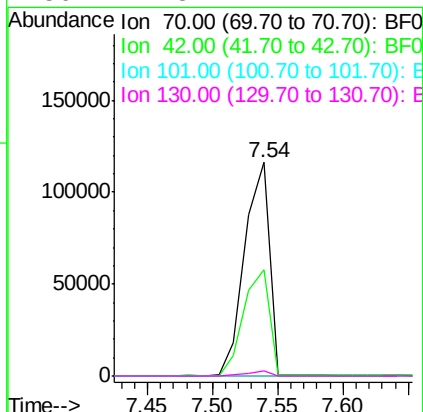
Ion Ratio Lower Upper

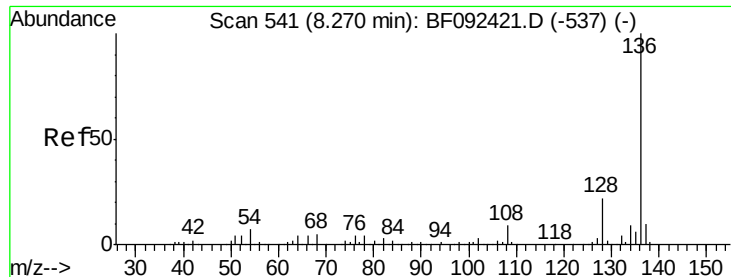
70 100

42 50.0 49.4 74.0

101 0.0 7.4 11.2#

130 2.3 14.2 21.4#

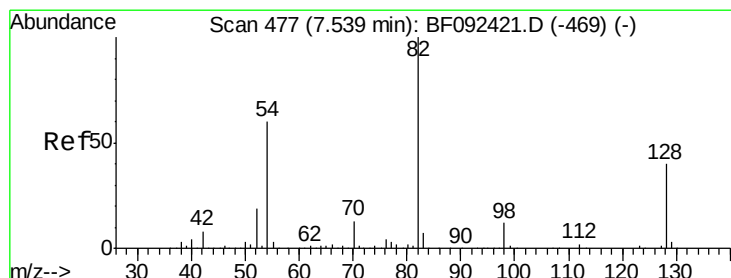
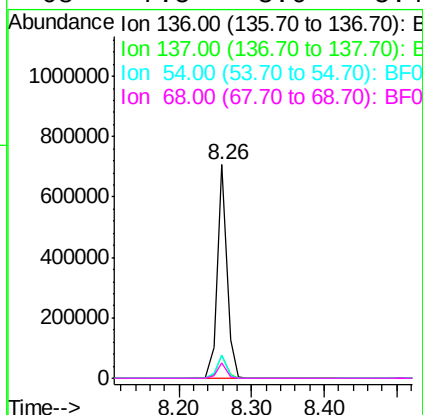
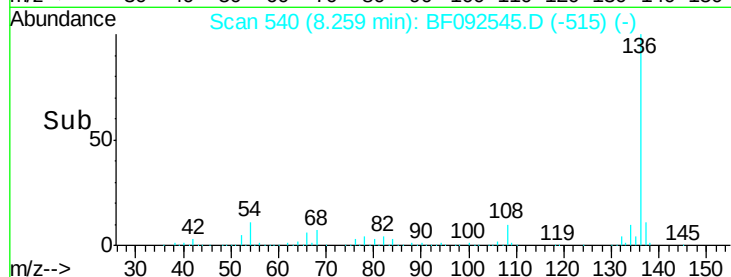
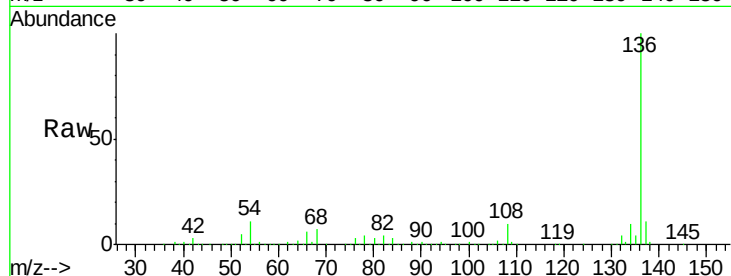




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092545.D
Acq: 27 Jan 2017 00:37

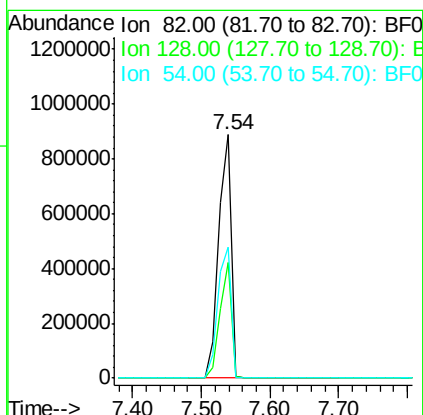
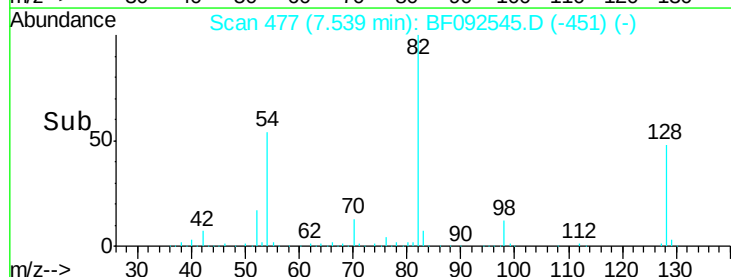
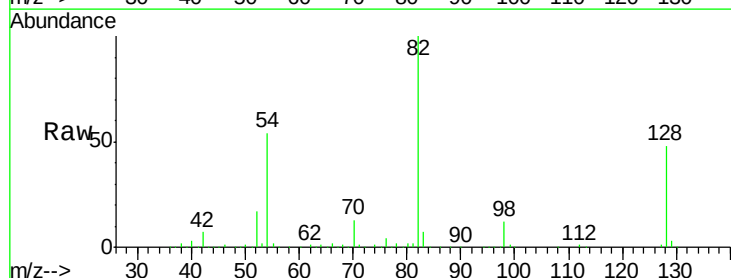
Instrument :
BNA_F
ClientSampleID :
W-35

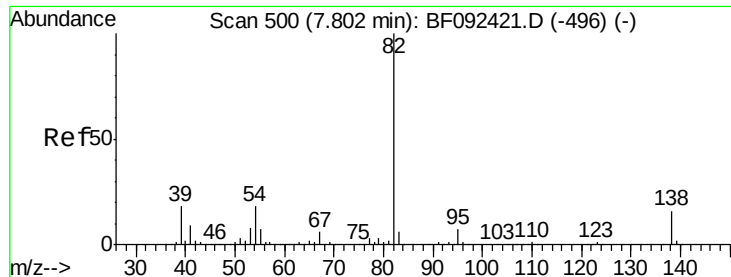
Tgt Ion:	136	Resp:	650841
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.4	12.6
54	10.7	4.5	6.7#
68	7.5	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 96.81 ng
RT: 7.54 min Scan# 477
Delta R.T. 0.00 min
Lab File: BF092545.D
Acq: 27 Jan 2017 00:37

Tgt Ion:	82	Resp:	1153502
Ion	Ratio	Lower	Upper
82	100		
128	47.6	34.6	52.0
54	53.7	39.5	59.3





#25

Isophorone

Concen: 45.02 ng

RT: 7.54 min Scan# 477

Delta R.T. -0.26 min

Lab File: BF092545.D

Acq: 27 Jan 2017 00:37

Instrument :

BNA_F

ClientSampled :

W-35

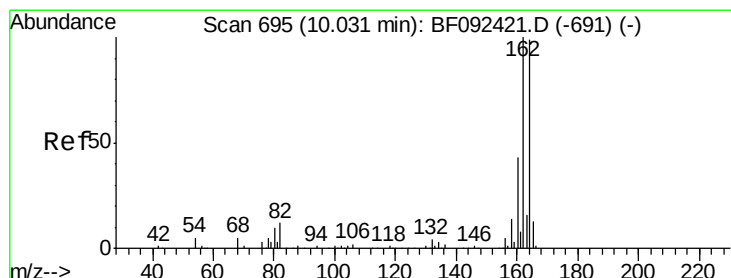
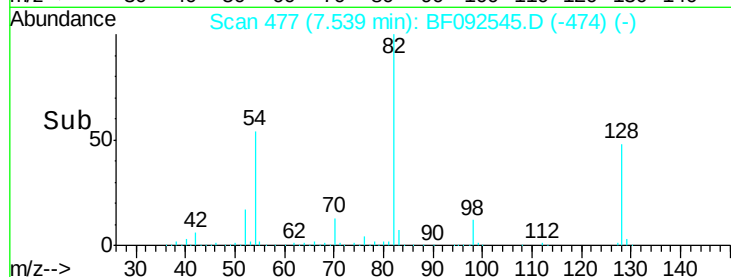
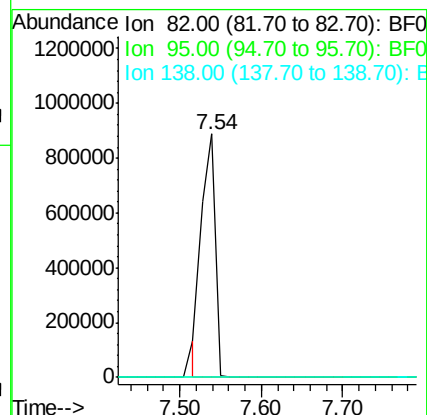
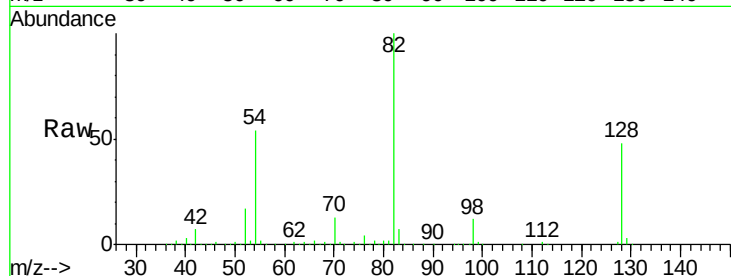
Tgt Ion: 82 Resp: 1057008

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: 10.03 min Scan# 695

Delta R.T. 0.00 min

Lab File: BF092545.D

Acq: 27 Jan 2017 00:37

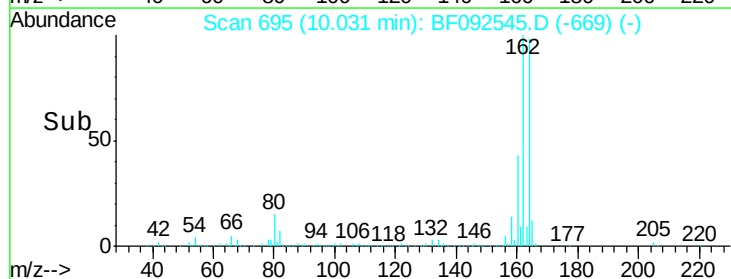
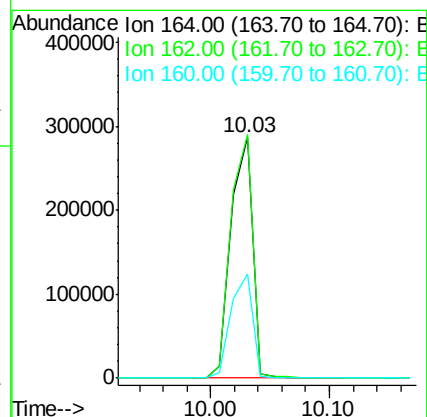
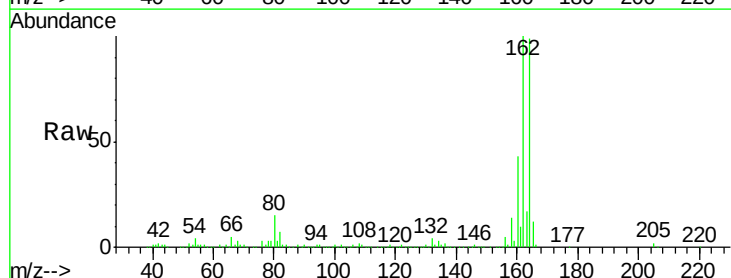
Tgt Ion: 164 Resp: 362350

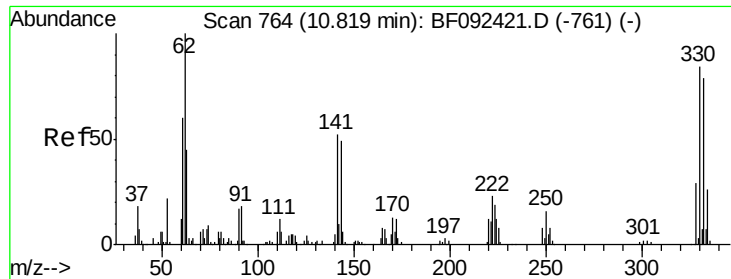
Ion Ratio Lower Upper

164 100

162 101.3 80.2 120.2

160 43.1 36.9 55.3

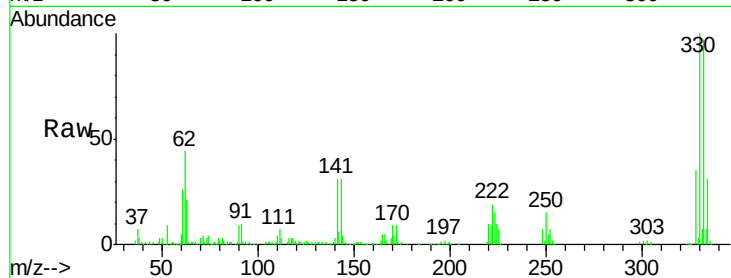




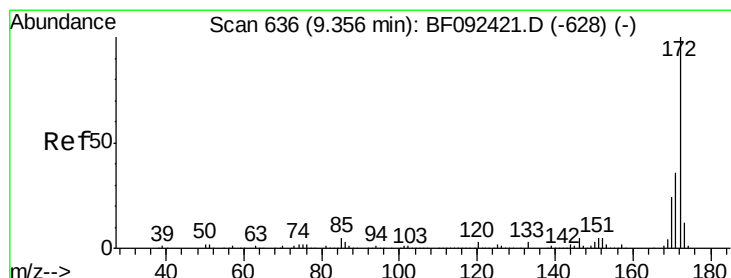
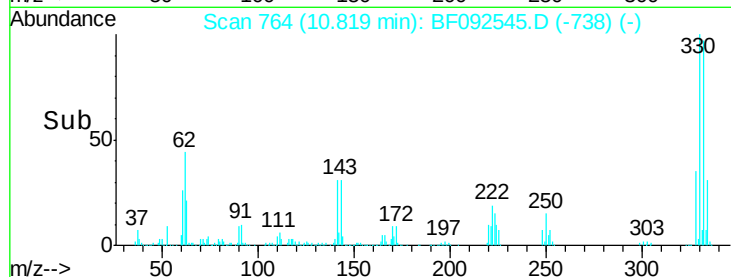
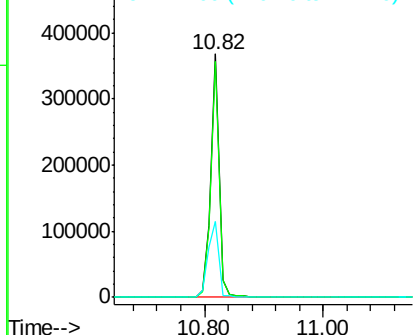
#41
 2,4,6-Tribromophenol
 Concen: 146.96 ng
 RT: 10.82 min Scan# 764
 Delta R.T. 0.00 min
 Lab File: BF092545.D
 Acq: 27 Jan 2017 00:37

Instrument :
 BNA_F
 ClientSampled :
 W-35

Tgt Ion:330 Resp: 362895
 Ion Ratio Lower Upper
 330 100
 332 97.1 77.4 116.2
 141 40.3 34.1 51.1

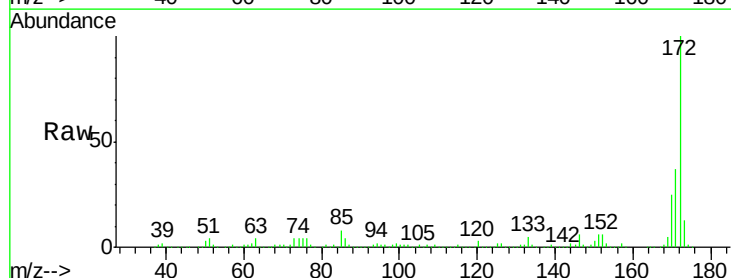


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

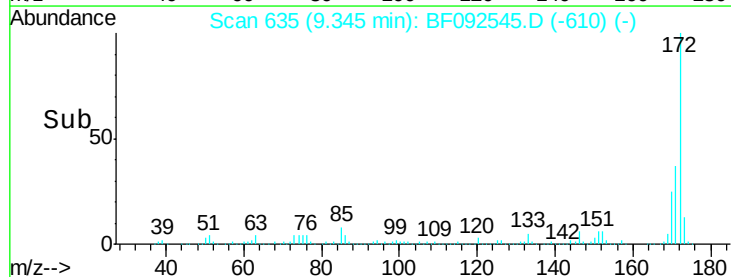
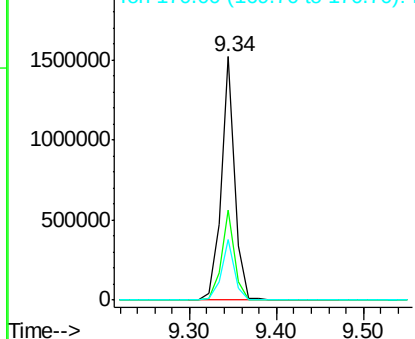


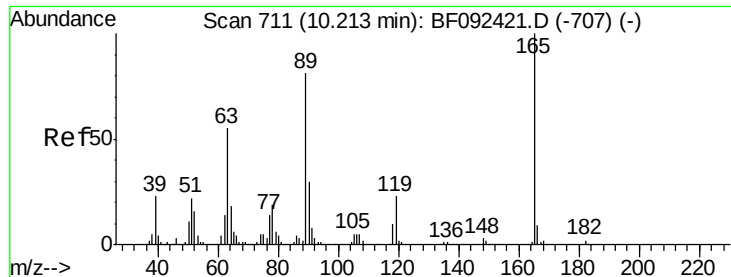
#44
 2-Fluorobiphenyl
 Concen: 84.50 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092545.D
 Acq: 27 Jan 2017 00:37

Tgt Ion:172 Resp: 1655881
 Ion Ratio Lower Upper
 172 100
 171 37.0 29.4 44.0
 170 24.7 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

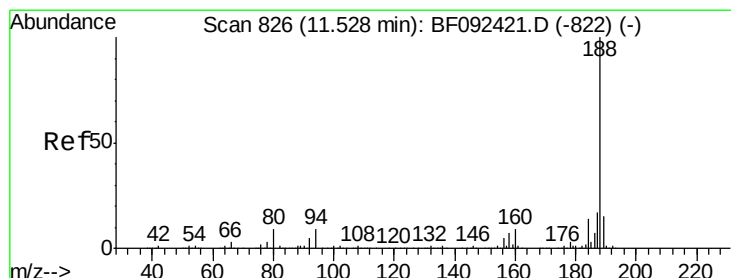
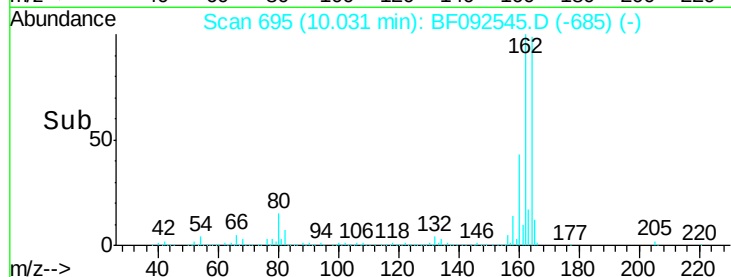
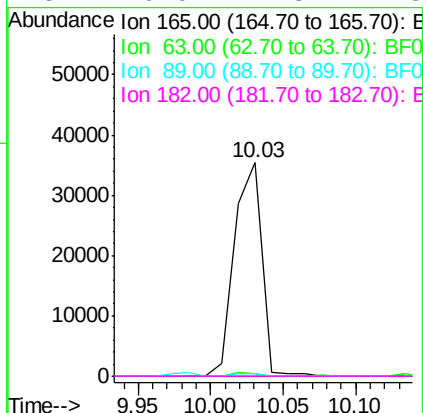
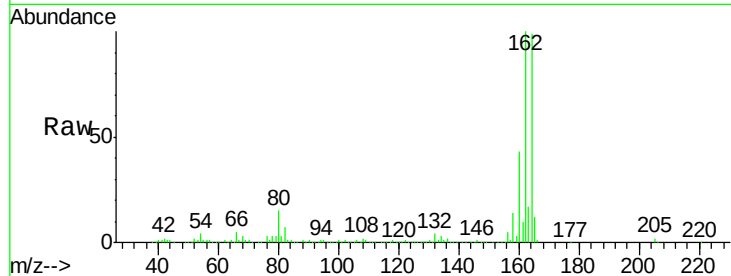




#56
 2,4-Dinitrotoluene
 Concen: 7.45 ng
 RT: 10.03 min Scan# 695
 Delta R.T. -0.18 min
 Lab File: BF092545.D
 Acq: 27 Jan 2017 00:37

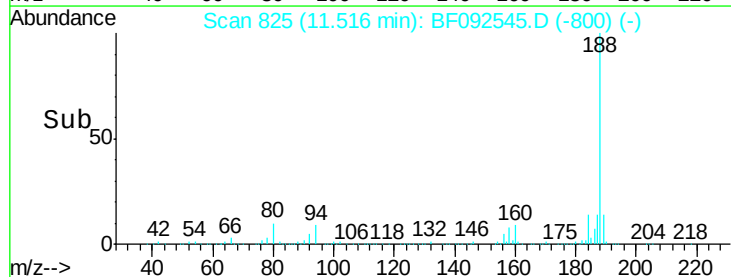
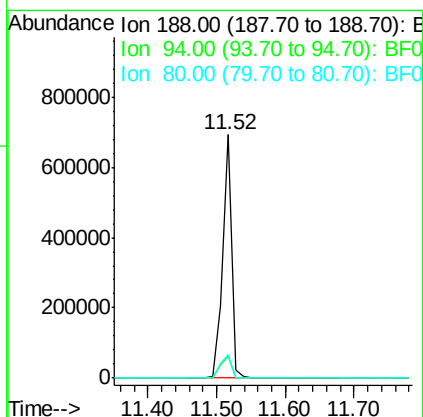
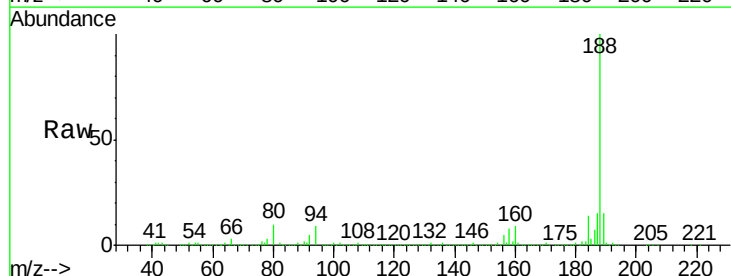
Instrument :
 BNA_F
 ClientSampleId :
 W-35

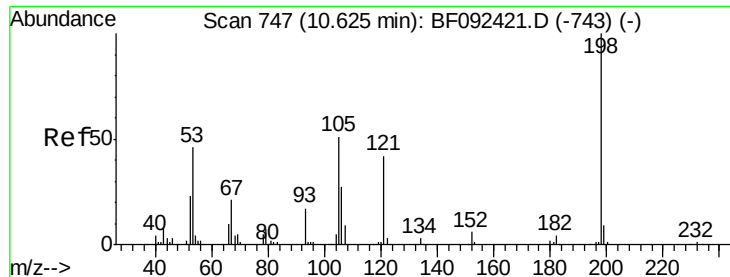
Tgt Ion	Ratio	Lower	Upper
165	100		
63	1.2	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.52 min Scan# 825
 Delta R.T. -0.01 min
 Lab File: BF092545.D
 Acq: 27 Jan 2017 00:37

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.1	10.0	15.0#
80	9.7	11.2	16.8#

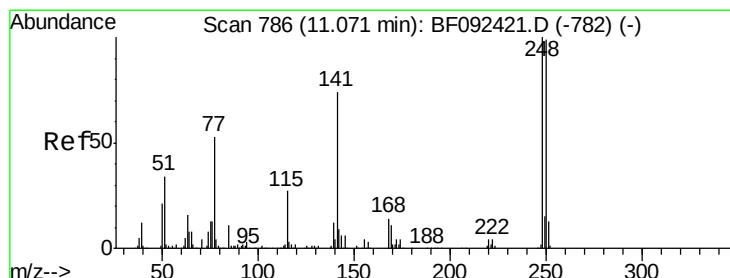
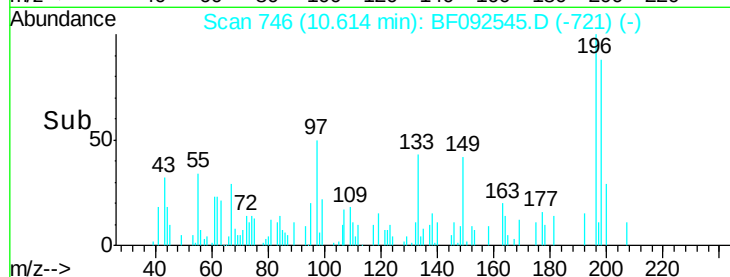
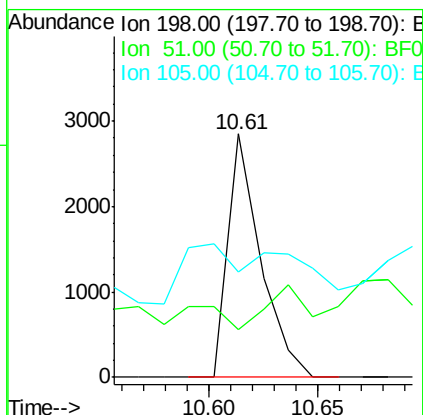
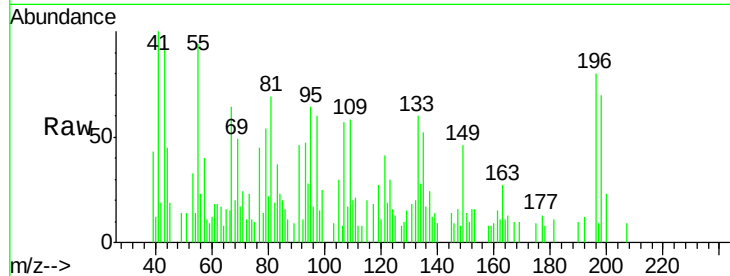




#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.71 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.01 min
 Lab File: BF092545.D
 Acq: 27 Jan 2017 00:37

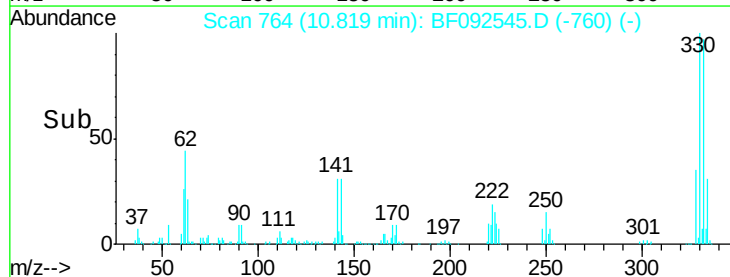
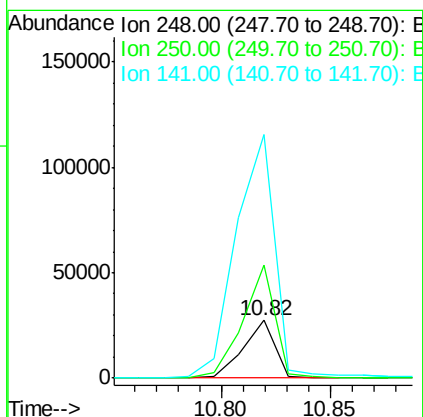
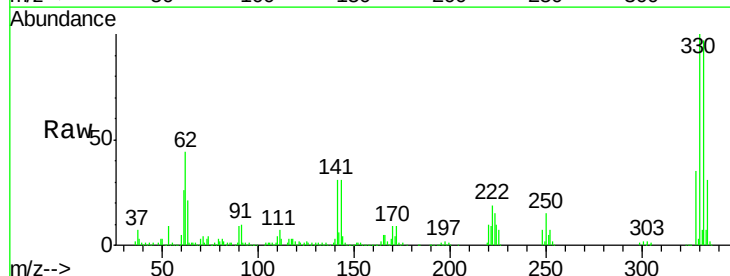
Instrument :
 BNA_F
 ClientSampleId :
 W-35

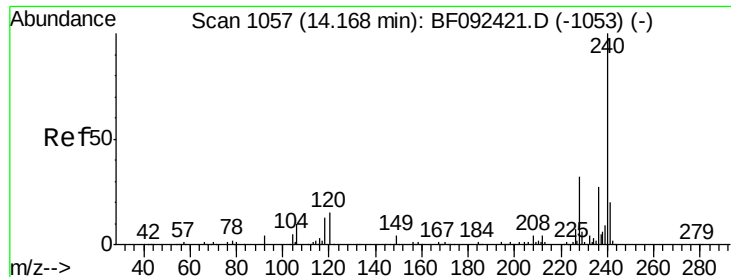
Tgt Ion:198 Resp: 2973
 Ion Ratio Lower Upper
 198 100
 51 19.4 6.7 46.7
 105 43.1 16.6 56.6



#66
 4-Bromophenyl-phenylether
 Concen: 4.26 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.25 min
 Lab File: BF092545.D
 Acq: 27 Jan 2017 00:37

Tgt Ion:248 Resp: 27882
 Ion Ratio Lower Upper
 248 100
 250 195.2 76.9 115.3#
 141 422.4 68.2 102.4#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 14.16 min Scan# 1056

Delta R.T. -0.01 min

Lab File: BF092545.D

Acq: 27 Jan 2017 00:37

Instrument :

BNA_F

ClientSampleId :

W-35

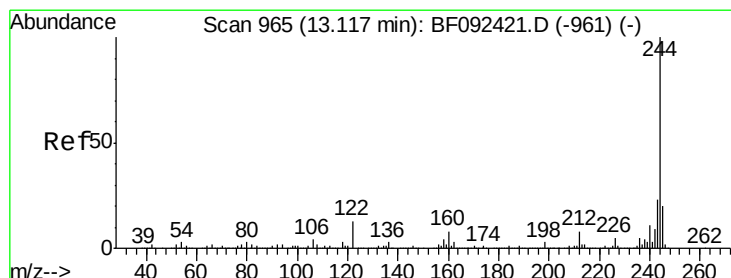
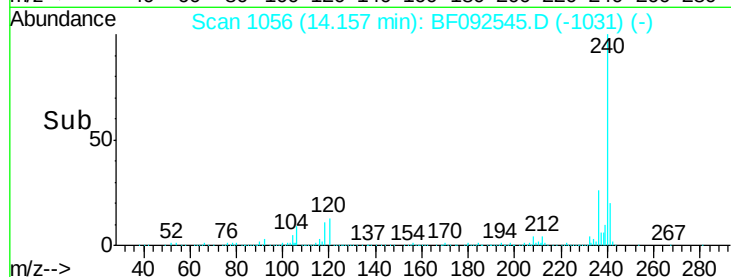
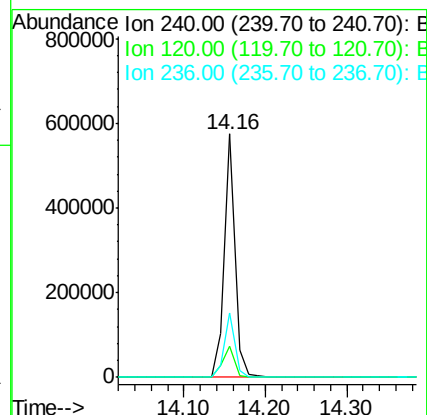
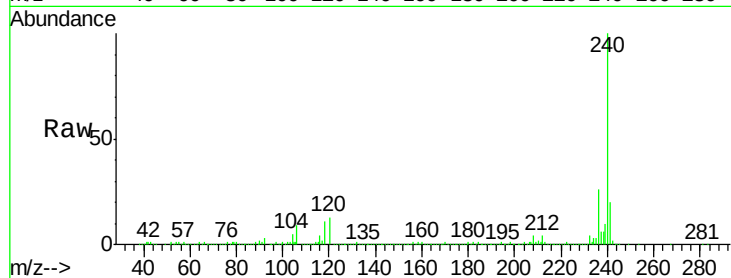
Tgt Ion:240 Resp: 523853

Ion Ratio Lower Upper

240 100

120 12.8 12.9 19.3#

236 26.3 20.9 31.3



#78

Terphenyl-d14

Concen: 80.35 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092545.D

Acq: 27 Jan 2017 00:37

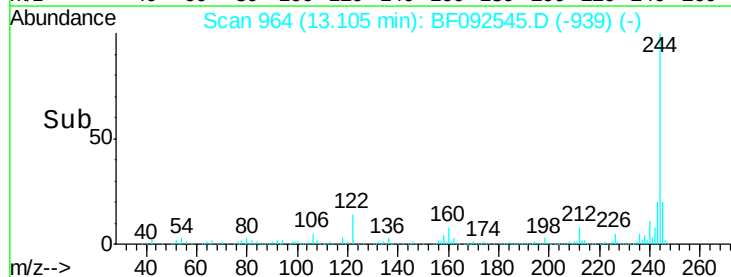
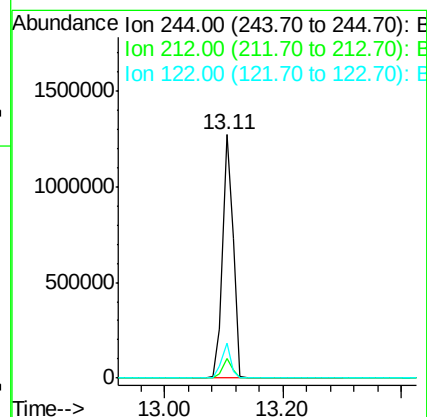
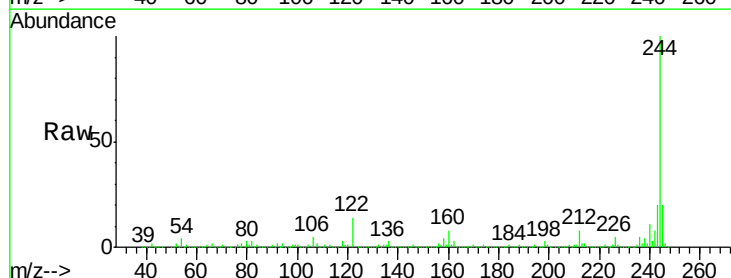
Tgt Ion:244 Resp: 1580623

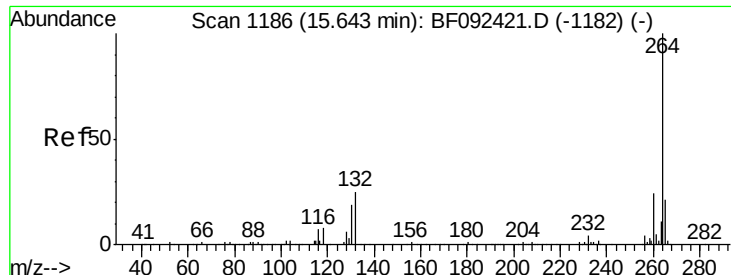
Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

122 14.1 11.4 17.2





#86
Perylene-d12
Concen: 20.00 ng
RT: 15.64 min Scan# 1186
Delta R.T. 0.00 min
Lab File: BF092545.D
Acq: 27 Jan 2017 00:37

Instrument :
BNA_F
ClientSampleId :
W-35

Tgt Ion: 264 Resp: 376992
Ion Ratio Lower Upper
264 100
260 23.6 19.2 28.8
265 21.2 17.4 26.0

