

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092484.D
 Acq On : 25 Jan 2017 18:45
 Operator : SJ/MA
 Sample : PB96282BL
 Misc :
 ALS Vial : 19 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

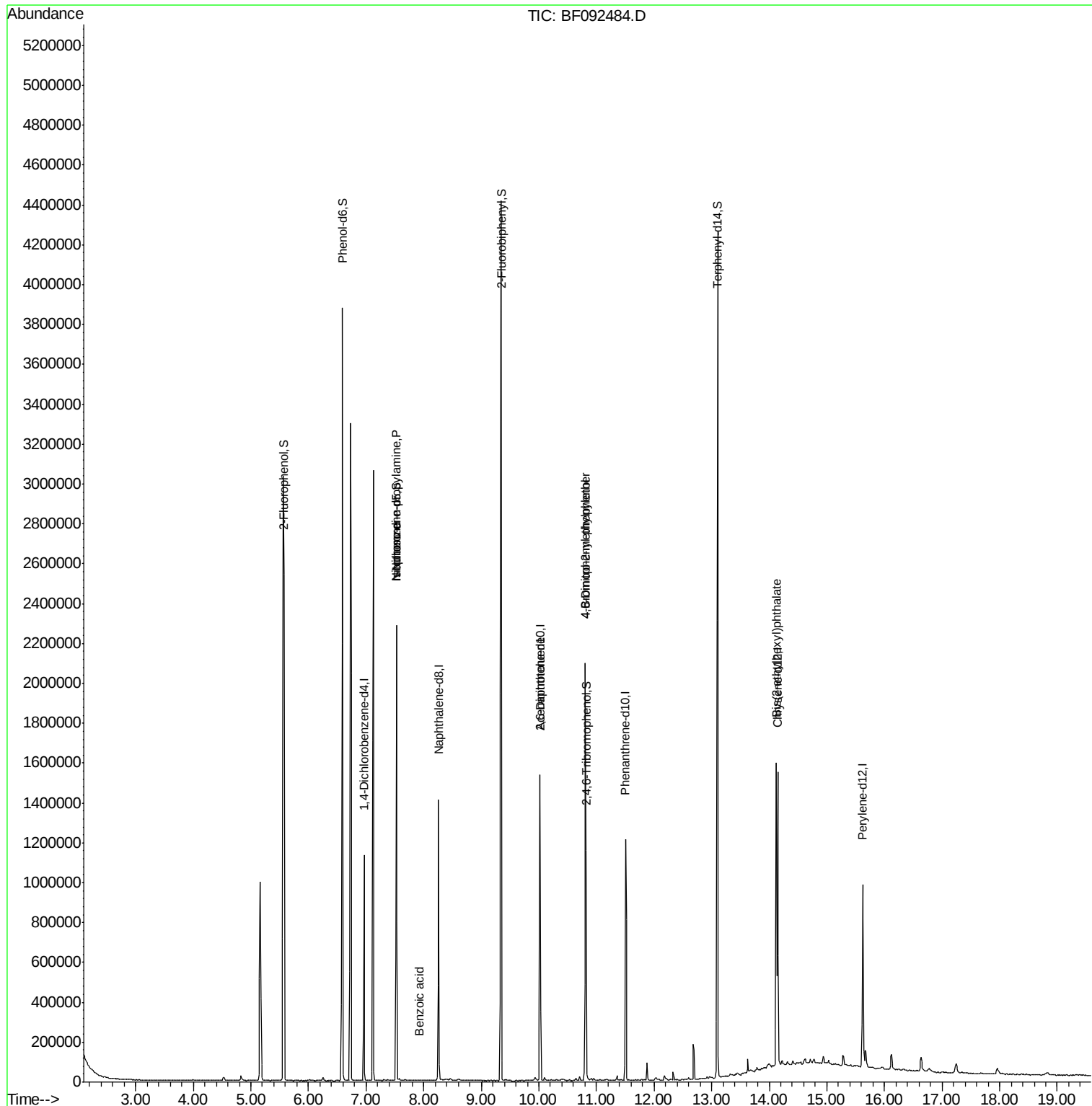
Quant Time: Jan 26 09:54:54 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF012417.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Jan 24 13:48:07 2017
 Response via : Initial Calibration

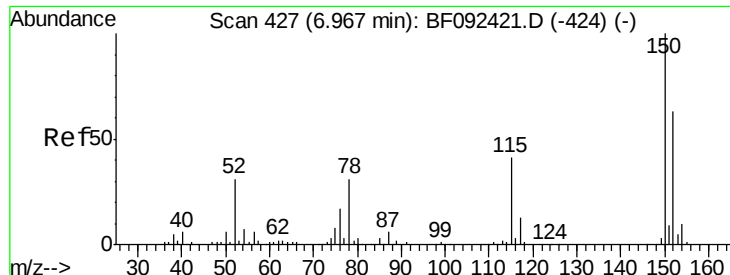
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	162834	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	655255	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	342081	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	568204	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	531456	20.00	ng	-0.02
86) Perylene-d12	15.62	264	496635	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.57	112	1234583	117.96	ng	0.02
7) Phenol-d6	6.59	99	1524562	114.36	ng	0.00
23) Nitrobenzene-d5	7.53	82	850958	70.94	ng	-0.01
41) 2,4,6-Tribromophenol	10.82	330	316697	135.85	ng	0.00
44) 2-Fluorobiphenyl	9.34	172	1566076	84.66	ng	-0.01
78) Terphenyl-d14	13.11	244	1537351	77.03	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	112688	12.41	ng	# 85
25) Isophorone	7.53	82	705439	29.84	ng	# 65
32) Benzoic acid	7.93	122	400	4.74	ng	# 82
50) 2,6-Dinitrotoluene	10.02	165	44826	10.08	ng	# 31
64) 4,6-Dinitro-2-methylphenol	10.81	198	678	5.15	ng	# 1
66) 4-Bromophenyl-phenylether	10.81	248	22701	3.96	ng	# 1
83) Bis(2-ethylhexyl)phthalate	14.12	149	402211	20.47	ng	99

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

```
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Misc      :  
ALS Vial  : 19      Sample Multiplier: 1
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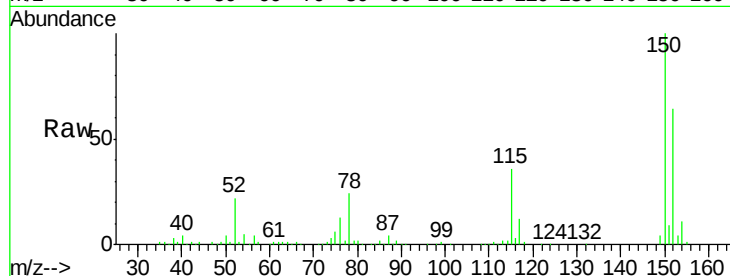


#1

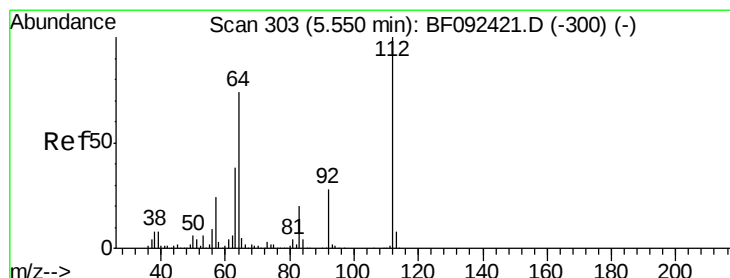
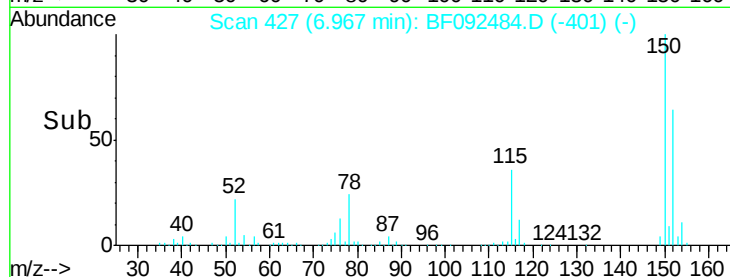
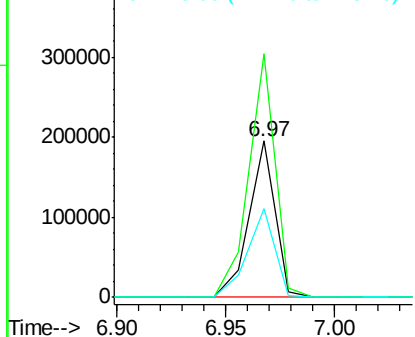
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092484.D
Acq: 25 Jan 2017 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 162834
Ion Ratio Lower Upper
152 100
150 155.8 124.9 187.3
115 56.6 46.0 69.0



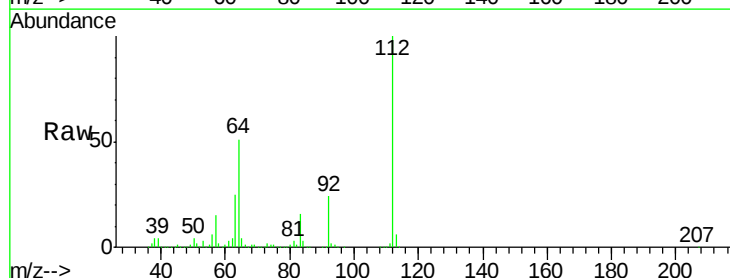
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



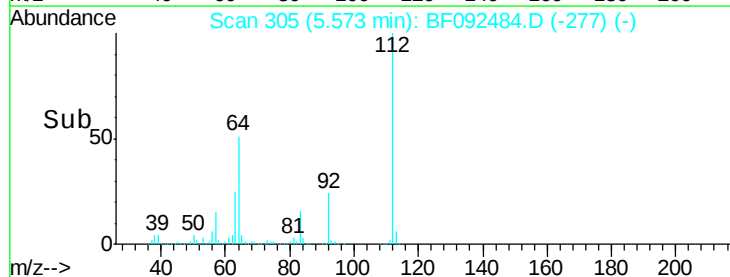
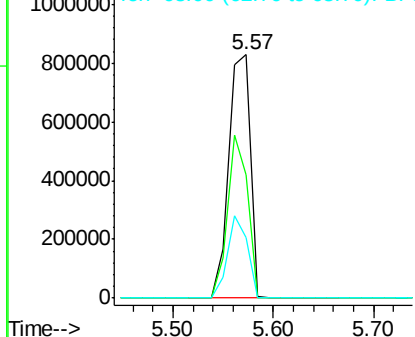
#5

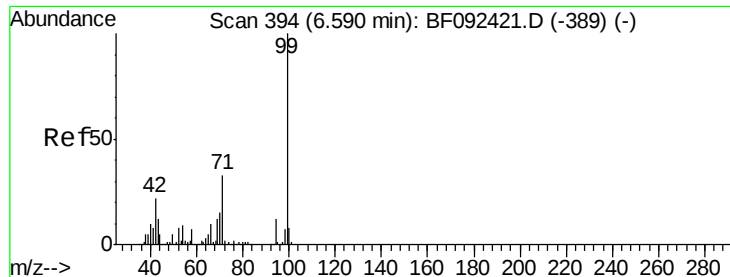
2-Fluorophenol
Concen: 117.96 ng
RT: 5.57 min Scan# 305
Delta R.T. 0.02 min
Lab File: BF092484.D
Acq: 25 Jan 2017 18:45

Tgt Ion:112 Resp: 1234583
Ion Ratio Lower Upper
112 100
64 50.5 46.1 69.1
63 24.9 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: 114.36 ng

RT: 6.59 min Scan# 394

Delta R.T. -0.00 min

Lab File: BF092484.D

Acq: 25 Jan 2017 18:45

Instrument :

BNA_F

ClientSampleId :

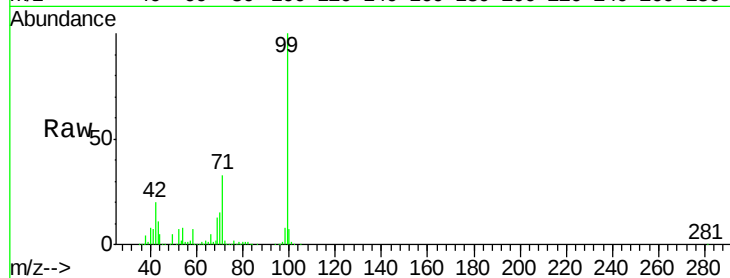
Tot Ion: 99 Resp: 1524562

Ion Ratio Lower Upper

99 100

42 20.1 15.6 23.4

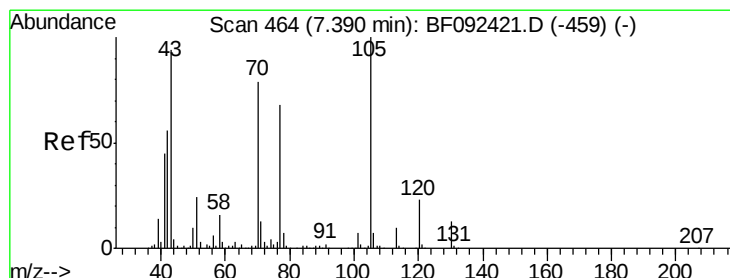
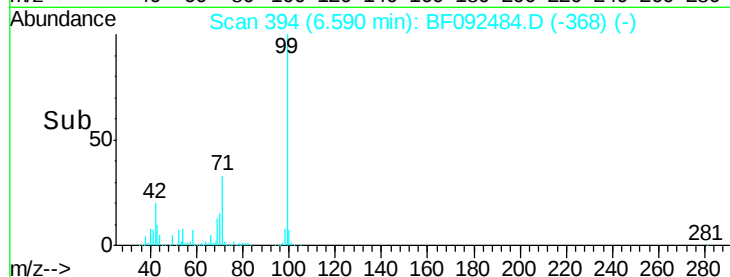
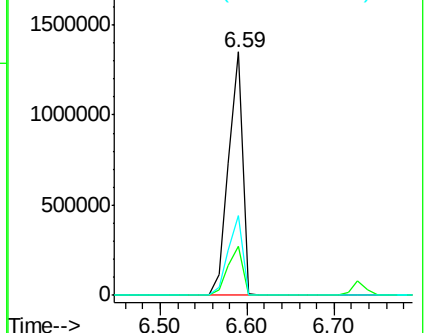
71 32.9 27.5 41.3



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: 12.41 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF092484.D

Acq: 25 Jan 2017 18:45

Tgt Ion: 70 Resp: 112688

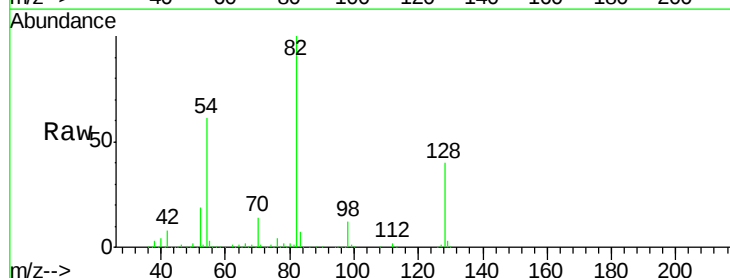
Ion Ratio Lower Upper

70 100

42 56.3 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

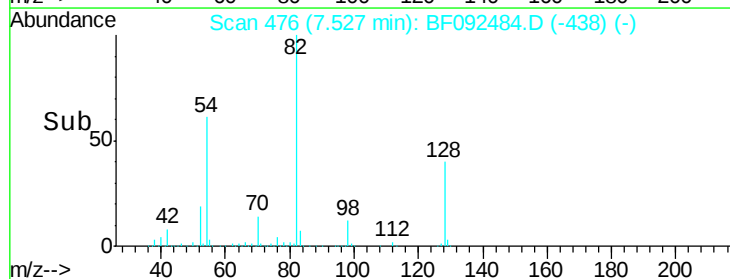
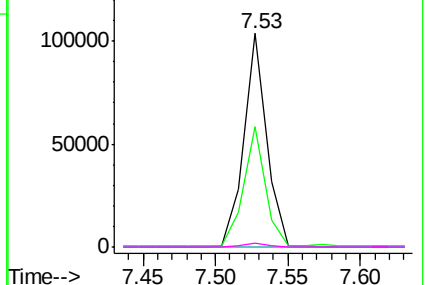


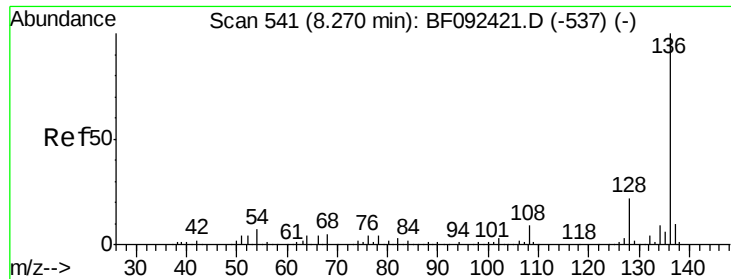
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

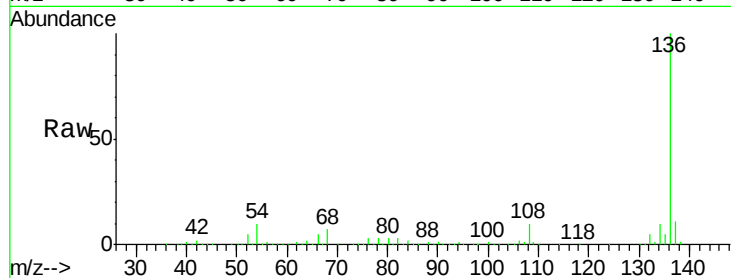




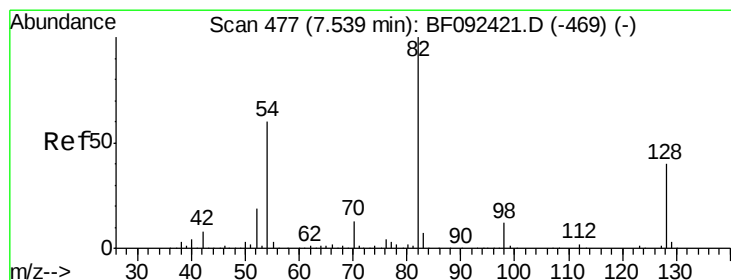
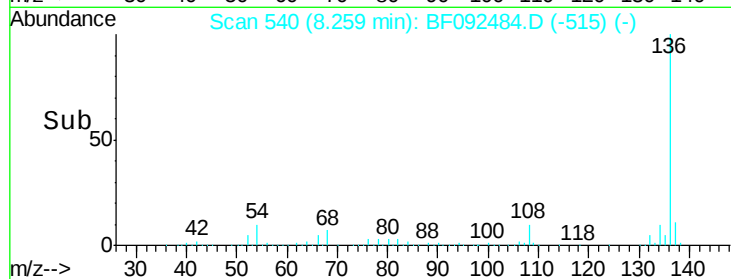
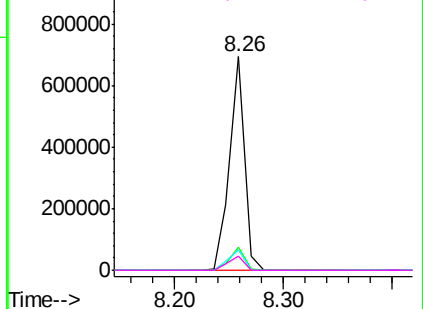
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092484.D
Acq: 25 Jan 2017 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	655255
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.4 12.6
54	9.7	4.5 6.7#
68	6.6	3.6 5.4#

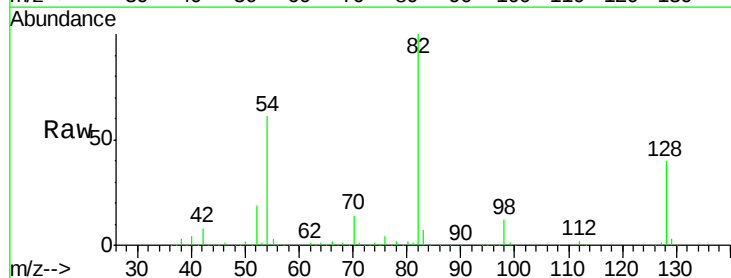


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

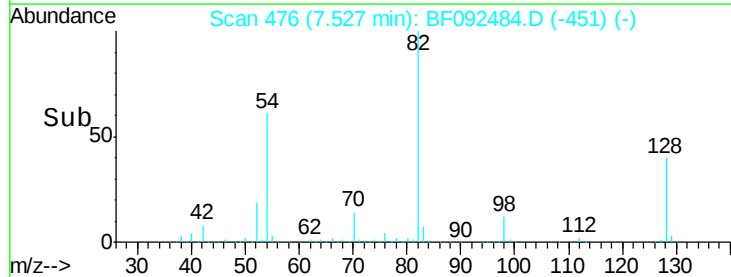
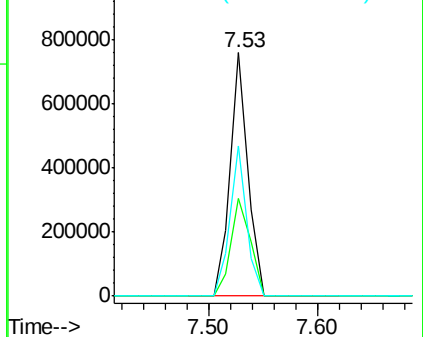


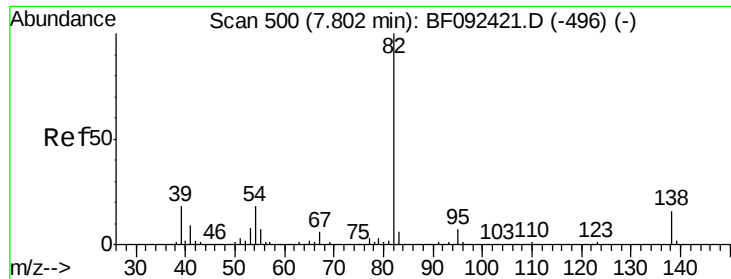
#23
Nitrobenzene-d5
Concen: 70.94 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092484.D
Acq: 25 Jan 2017 18:45

Tgt Ion: 82	Resp:	850958
Ion Ratio	Lower	Upper
82	100	
128	40.2	34.6 52.0
54	61.5	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: 29.84 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.27 min

Lab File: BF092484.D

Acq: 25 Jan 2017 18:45

Instrument :

BNA_F

ClientSampleId :

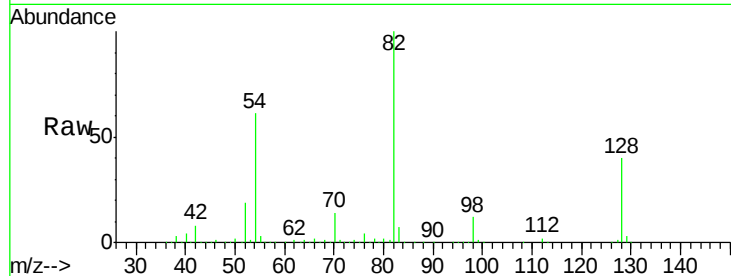
Tot Ion: 82 Resp: 705439

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

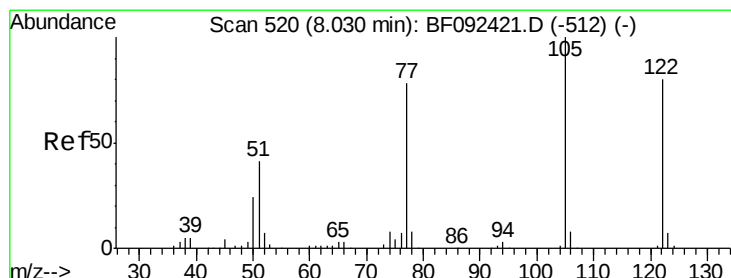
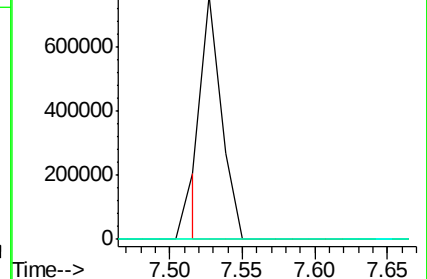
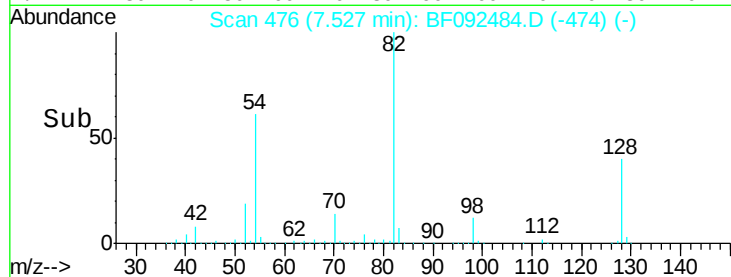
138 0.0 14.6 22.0#



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: 4.74 ng

RT: 7.93 min Scan# 511

Delta R.T. -0.10 min

Lab File: BF092484.D

Acq: 25 Jan 2017 18:45

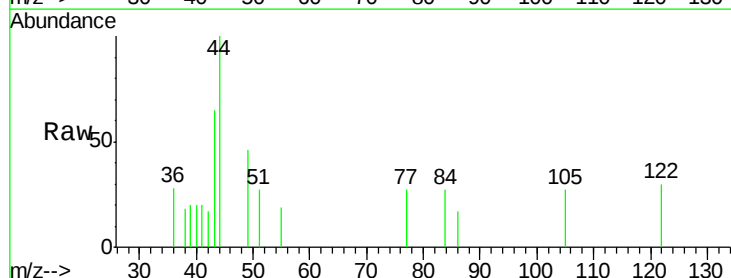
Tgt Ion: 122 Resp: 400

Ion Ratio Lower Upper

122 100

105 92.3 107.2 147.2#

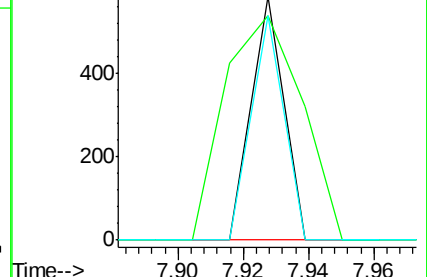
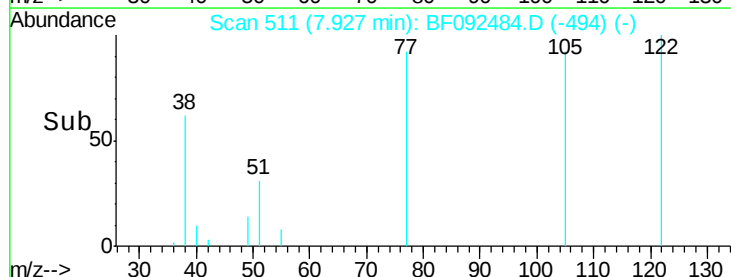
77 92.1 74.5 114.5

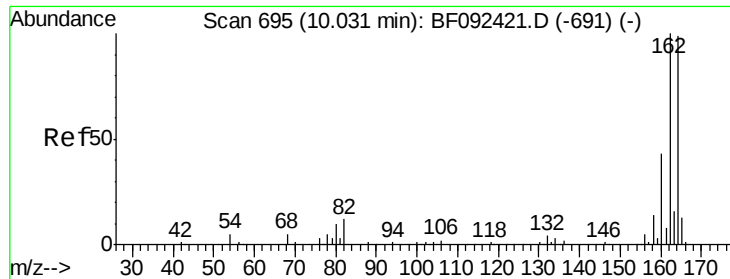


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BF0

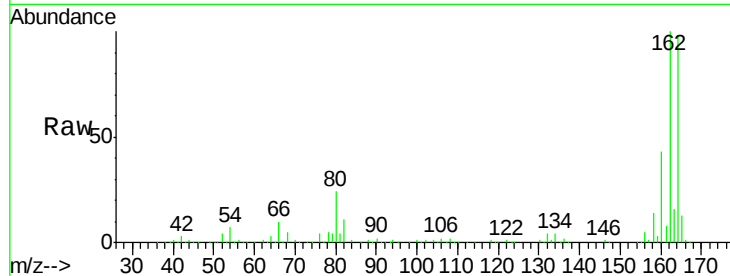




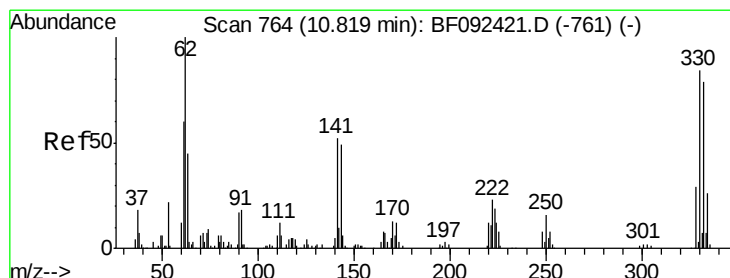
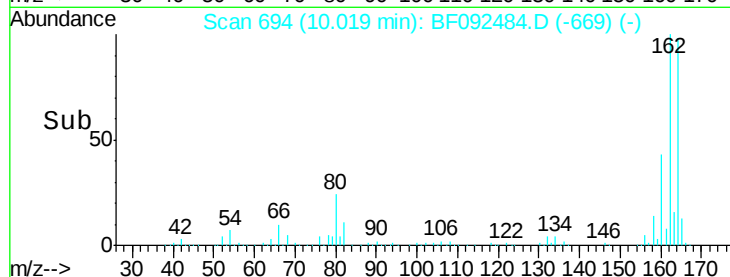
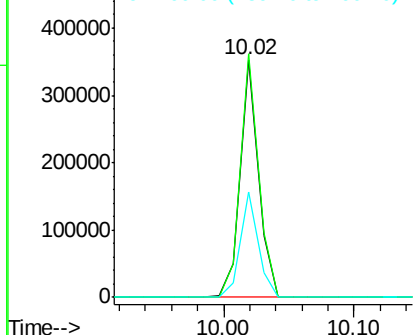
#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 10.02 min Scan# 694
 Delta R.T. -0.01 min
 Lab File: BF092484.D
 Acq: 25 Jan 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:164 Resp: 342081
 Ion Ratio Lower Upper
 164 100
 162 102.4 80.2 120.2
 160 44.1 36.9 55.3

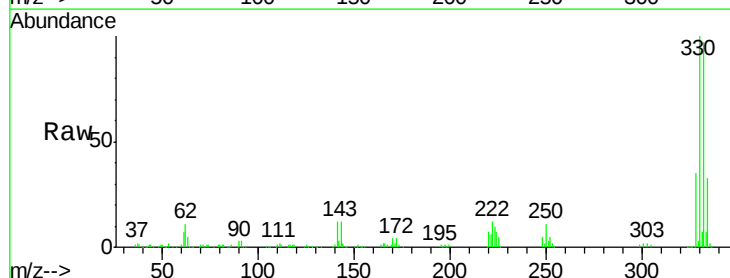


Abundance Ion 164.00 (163.70 to 164.70): E
 Ion 162.00 (161.70 to 162.70): E
 Ion 160.00 (159.70 to 160.70): E

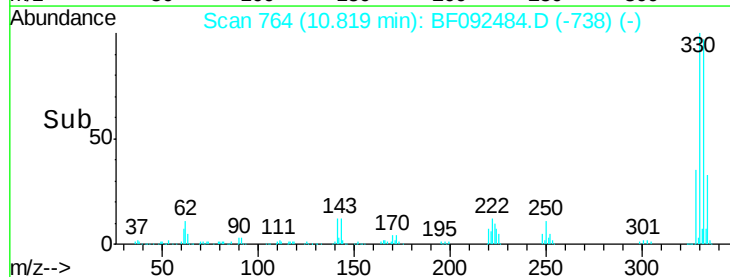
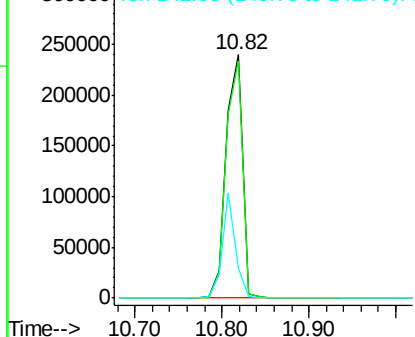


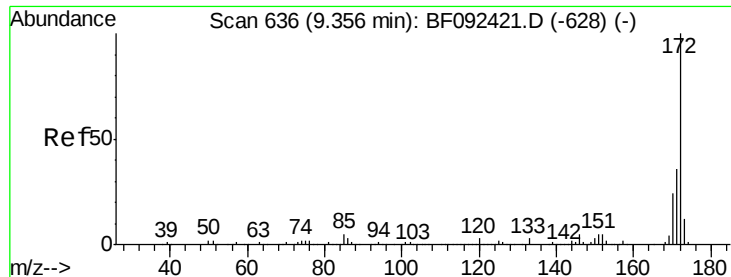
#41
 2,4,6-Tribromophenol
 Concen: 135.85 ng
 RT: 10.82 min Scan# 764
 Delta R.T. -0.00 min
 Lab File: BF092484.D
 Acq: 25 Jan 2017 18:45

Tgt Ion:330 Resp: 316697
 Ion Ratio Lower Upper
 330 100
 332 97.4 77.4 116.2
 141 34.9 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

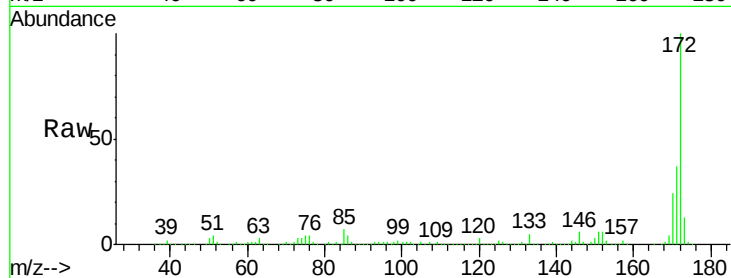




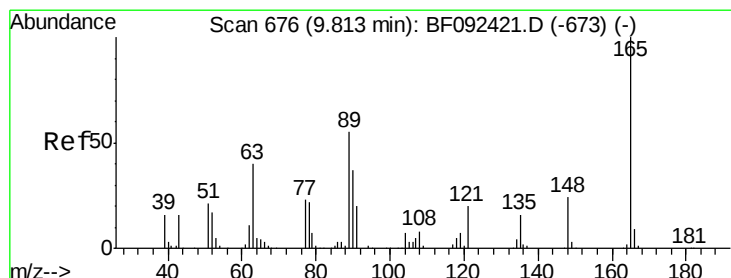
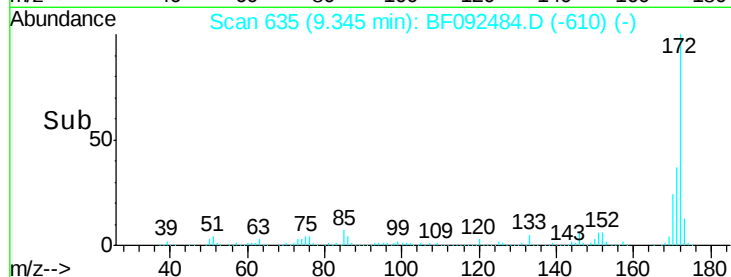
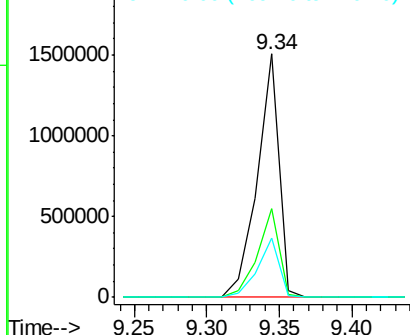
#44
 2-Fluorobiphenyl
 Concen: 84.66 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092484.D
 Acq: 25 Jan 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:172 Resp: 1566076
 Ion Ratio Lower Upper
 172 100
 171 36.6 29.4 44.0
 170 24.3 20.2 30.4

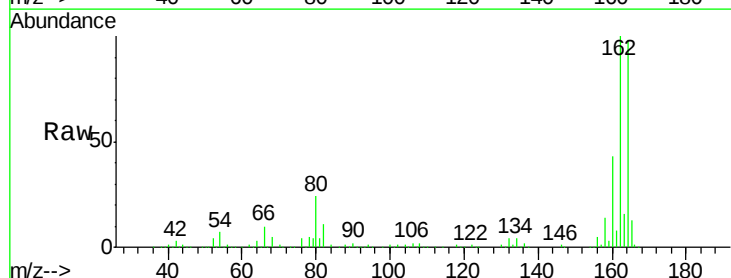


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

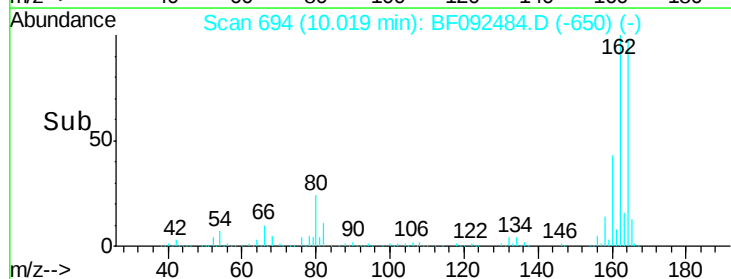
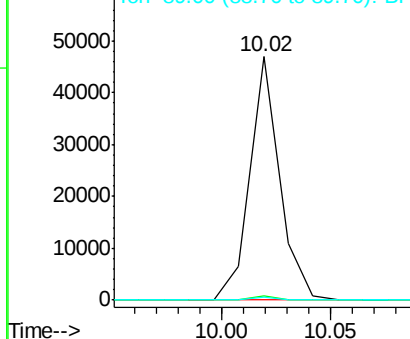


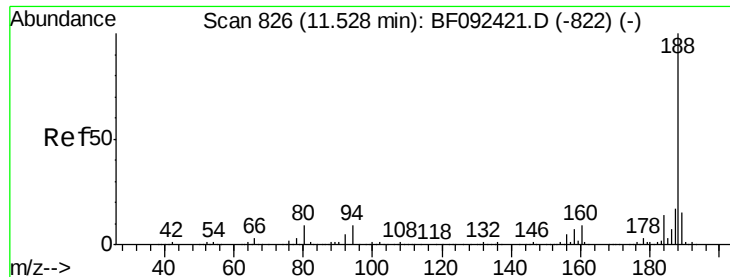
#50
 2,6-Dinitrotoluene
 Concen: 10.08 ng
 RT: 10.02 min Scan# 694
 Delta R.T. 0.21 min
 Lab File: BF092484.D
 Acq: 25 Jan 2017 18:45

Tgt Ion:165 Resp: 44826
 Ion Ratio Lower Upper
 165 100
 63 1.7 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

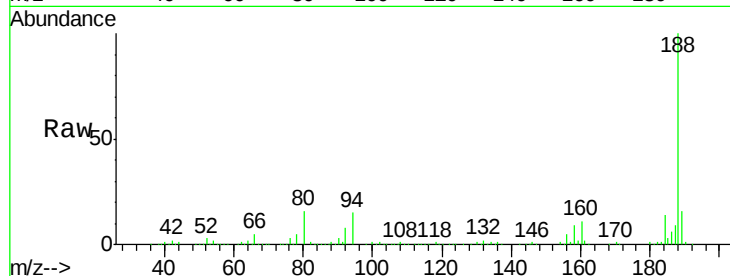




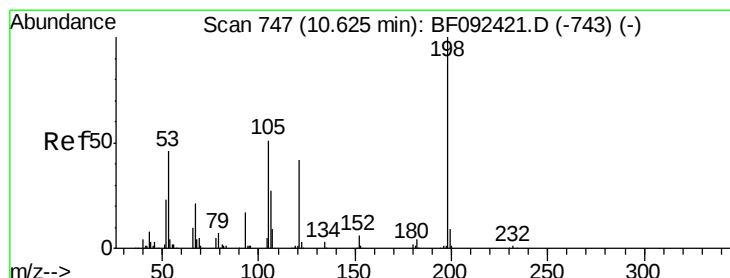
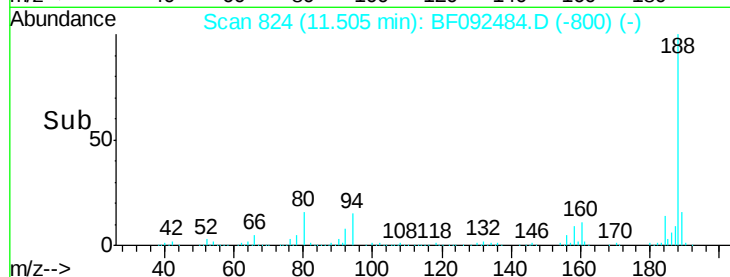
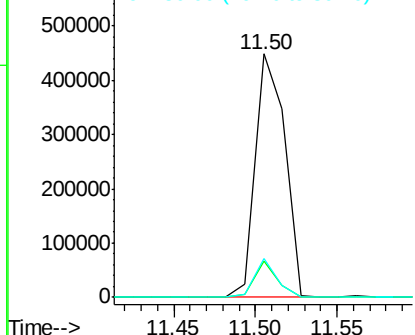
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF092484.D
 Acq: 25 Jan 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 568204
 Ion Ratio Lower Upper
 188 100
 94 14.8 10.0 15.0
 80 16.1 11.2 16.8

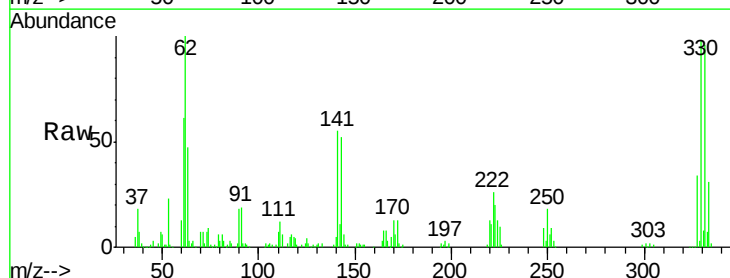


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

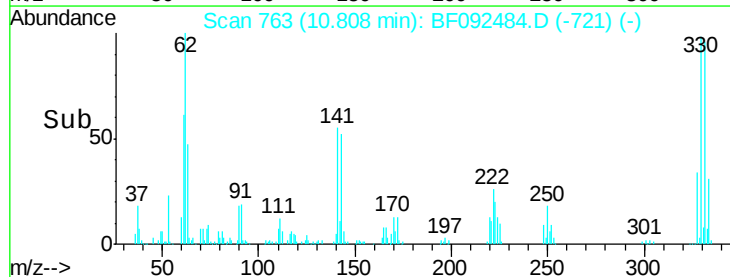
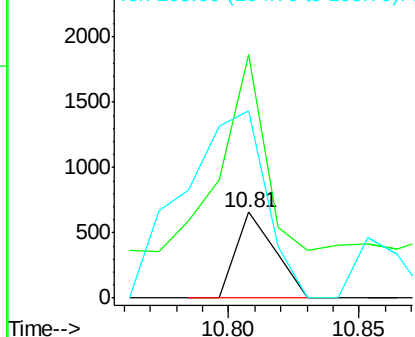


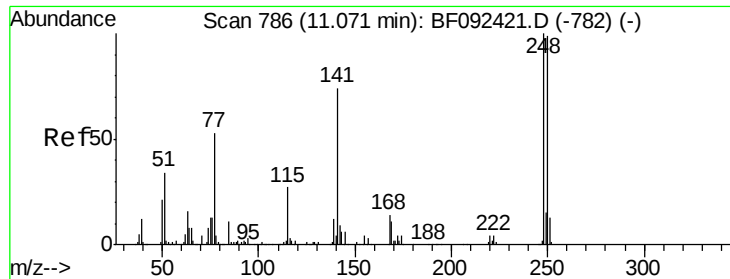
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.15 ng
 RT: 10.81 min Scan# 763
 Delta R.T. 0.18 min
 Lab File: BF092484.D
 Acq: 25 Jan 2017 18:45

Tgt Ion:198 Resp: 678
 Ion Ratio Lower Upper
 198 100
 51 284.5 6.7 46.7#
 105 218.4 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

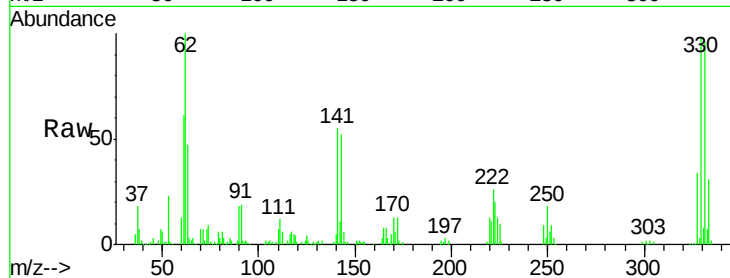




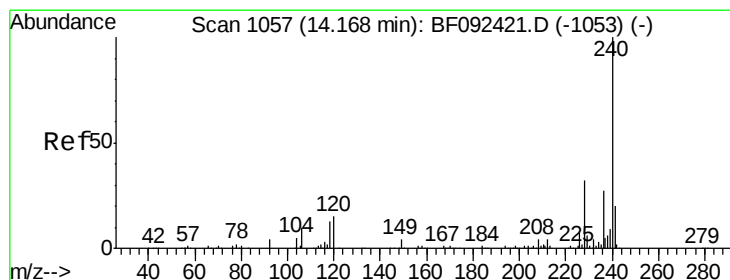
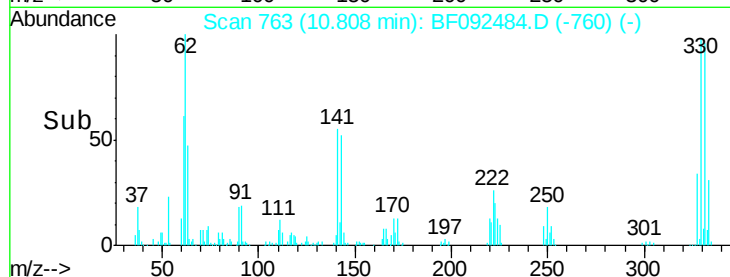
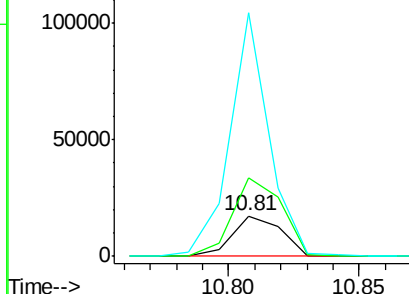
#66
 4-Bromophenyl-phenylether
 Concen: 3.96 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.26 min
 Lab File: BF092484.D
 Acq: 25 Jan 2017 18:45

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:248 Resp: 22701
 Ion Ratio Lower Upper
 248 100
 250 194.5 76.9 115.3#
 141 600.6 68.2 102.4#

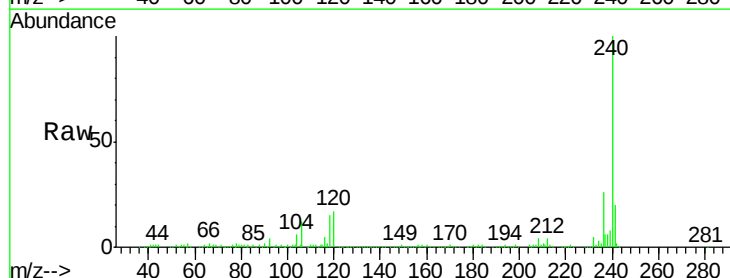


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

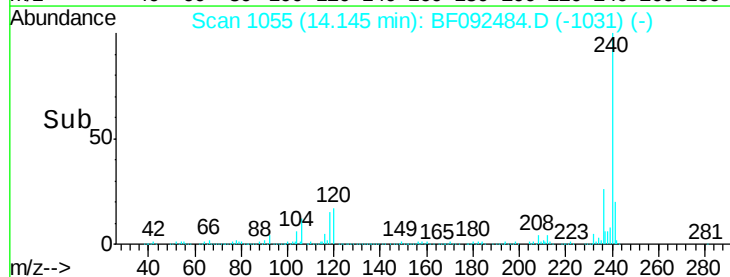
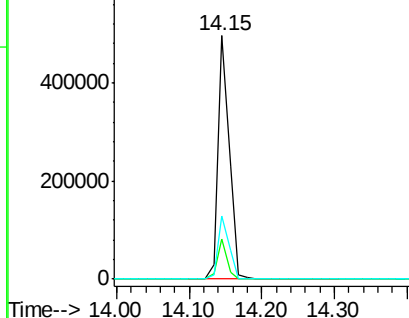


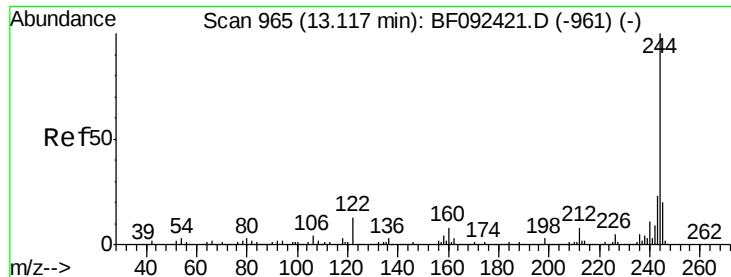
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 14.15 min Scan# 1055
 Delta R.T. -0.02 min
 Lab File: BF092484.D
 Acq: 25 Jan 2017 18:45

Tgt Ion:240 Resp: 531456
 Ion Ratio Lower Upper
 240 100
 120 16.6 12.9 19.3
 236 26.1 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

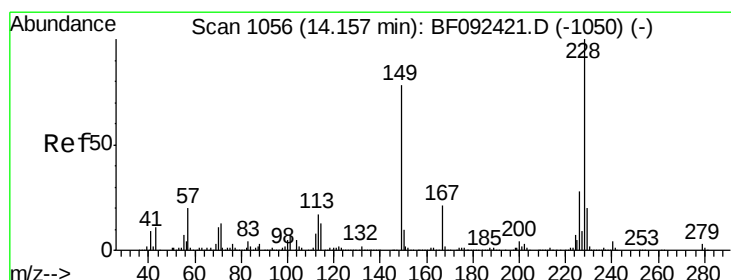
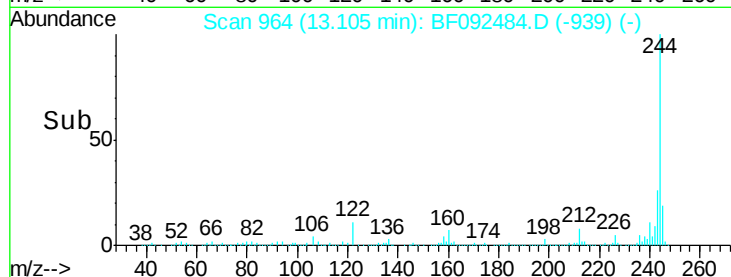
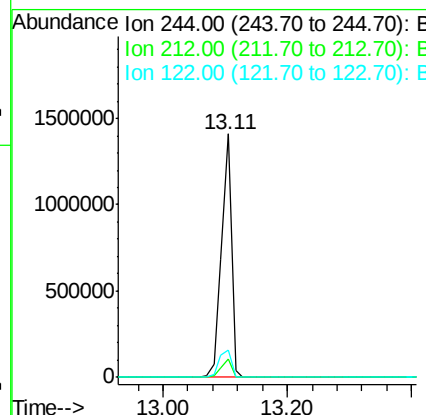
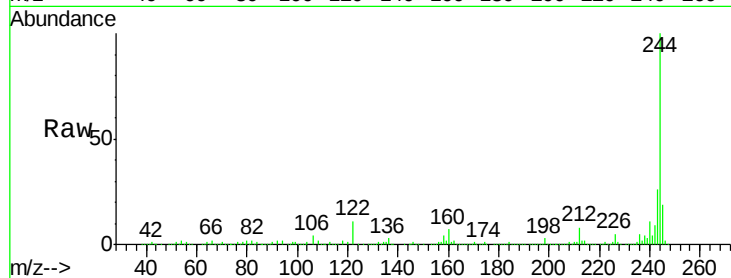




#78
 Terphenyl-d14
 Concen: 77.03 ng
 RT: 13.11 min Scan# 964
 Delta R.T. -0.01 min
 Lab File: BF092484.D
 Acq: 25 Jan 2017 18:45

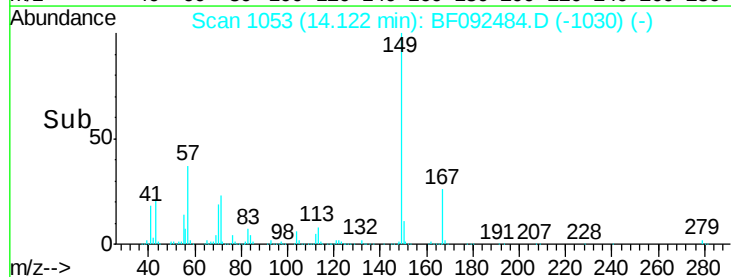
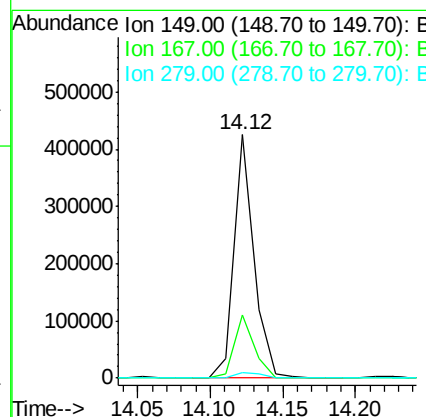
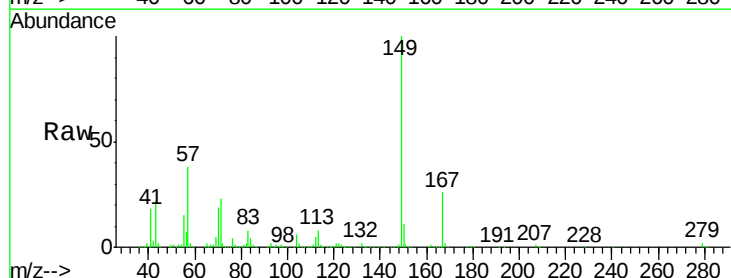
Instrument :
 BNA_F
 ClientSampleId :

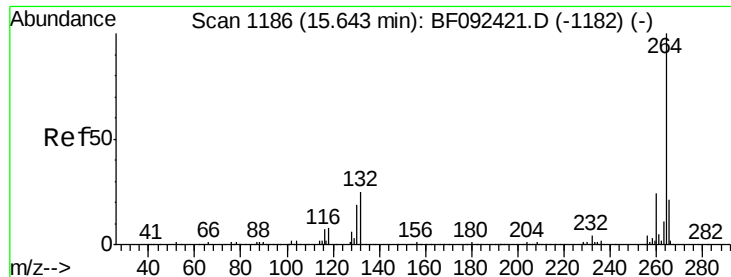
Tot Ion:244 Resp: 1537351
 Ion Ratio Lower Upper
 244 100
 212 7.6 6.2 9.2
 122 11.3 11.4 17.2#



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 20.47 ng
 RT: 14.12 min Scan# 1053
 Delta R.T. -0.03 min
 Lab File: BF092484.D
 Acq: 25 Jan 2017 18:45

Tgt Ion:149 Resp: 402211
 Ion Ratio Lower Upper
 149 100
 167 25.8 20.2 30.4
 279 2.2 1.8 2.8

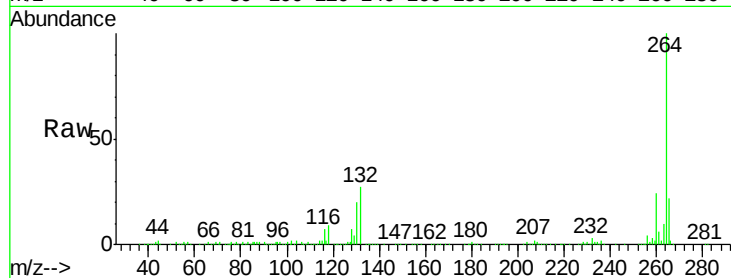




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF092484.D
Acq: 25 Jan 2017 18:45

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.2	19.2	28.8
265	22.0	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

