

Data Path : Z:\HPCHEM1\BNA F\DATA\BF012517\
 Data File : BF092486.D
 Acq On : 25 Jan 2017 19:40
 Operator : SJ/MA
 Sample : PB96313BL
 Misc :
 ALS Vial : 21 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 26 09:55:56 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

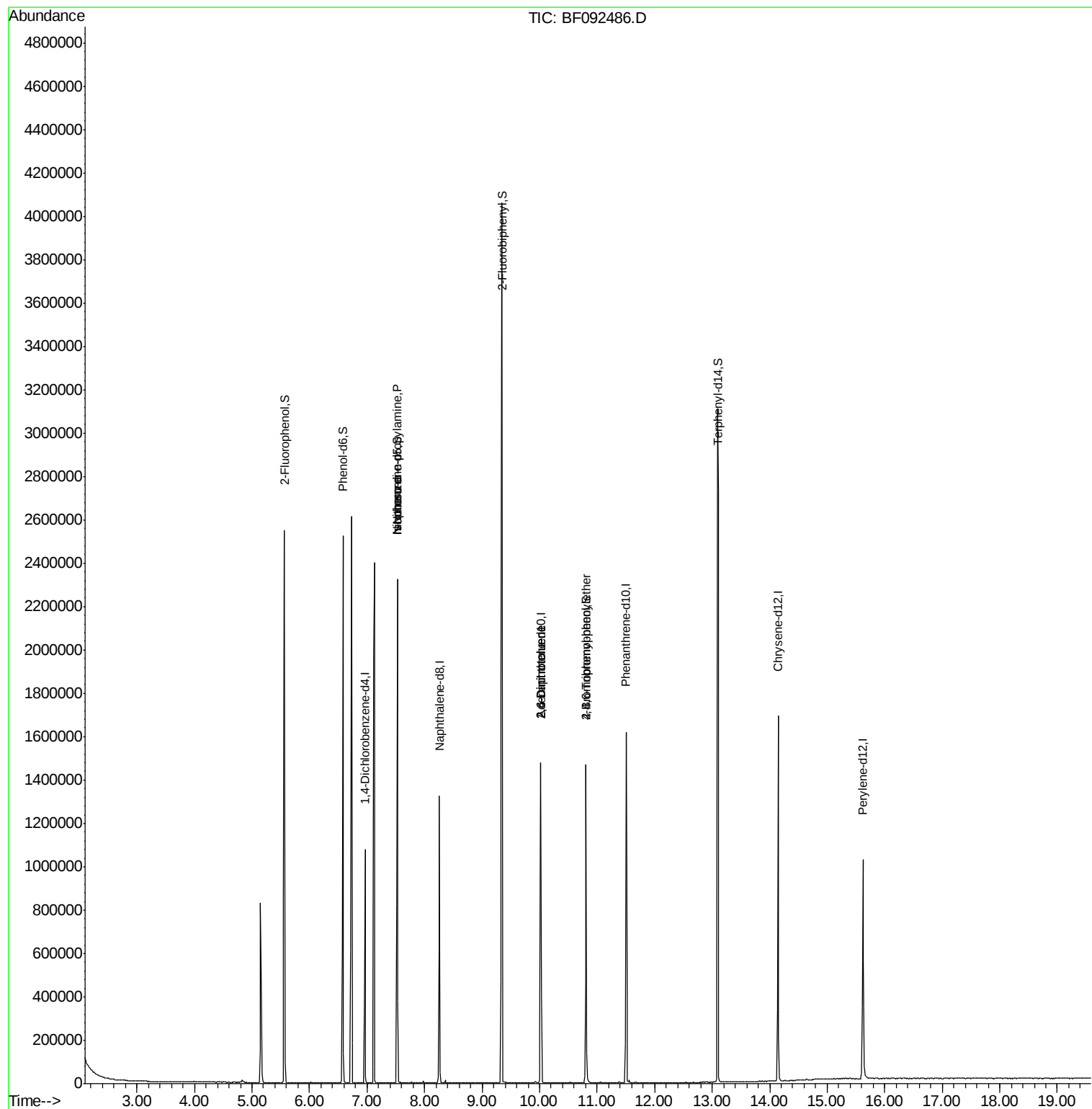
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.97	152	167940	20.00	ng	0.00
21) Naphthalene-d8	8.26	136	675410	20.00	ng	-0.01
38) Acenaphthene-d10	10.02	164	350258	20.00	ng	-0.01
63) Phenanthrene-d10	11.50	188	596041	20.00	ng	-0.02
75) Chrysene-d12	14.15	240	554615	20.00	ng	-0.02
86) Perylene-d12	15.62	264	500151	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	655159	60.70	ng	0.01
7) Phenol-d6	6.58	99	790952	57.53	ng	-0.01
23) Nitrobenzene-d5	7.53	82	815774	65.98	ng	-0.01
41) 2,4,6-Tribromophenol	10.81	330	157812	66.12	ng	-0.01
44) 2-Fluorobiphenyl	9.34	172	1485630	78.43	ng	-0.01
78) Terphenyl-d14	13.11	244	1471212	70.64	ng	-0.01
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.53	70	106545	11.38	ng	# 84
25) Isophorone	7.53	82	621015	25.49	ng	# 65
50) 2,6-Dinitrotoluene	10.02	165	44241	9.72	ng	# 31
56) 2,4-Dinitrotoluene	10.02	165	44245	7.32	ng	# 20
66) 4-Bromophenyl-phenylether	10.81	248	12370	2.06	ng	# 1

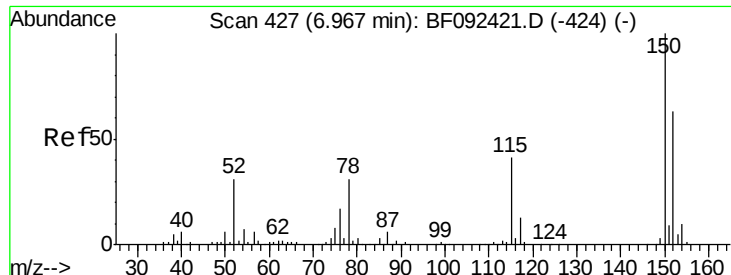
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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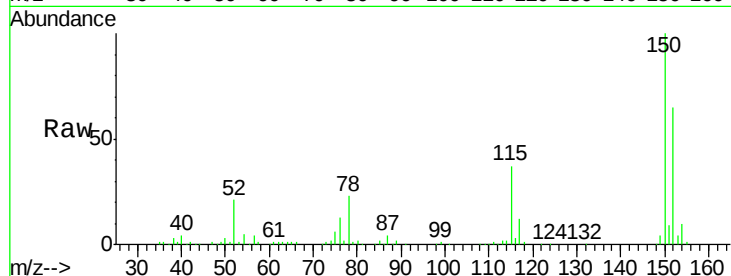


#1

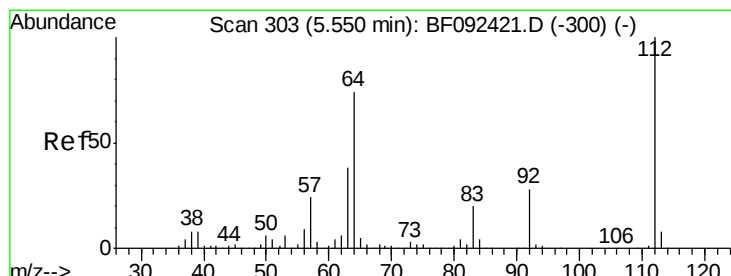
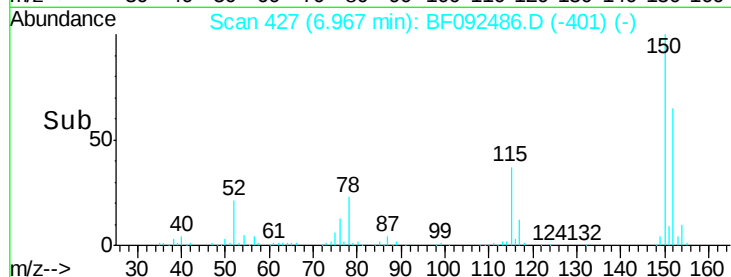
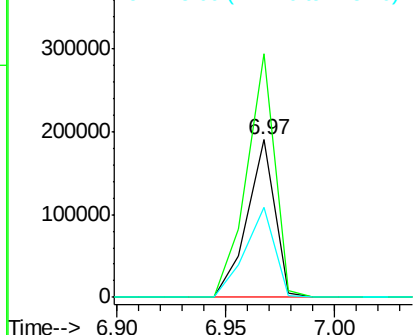
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 6.97 min Scan# 427
Delta R.T. -0.00 min
Lab File: BF092486.D
Acq: 25 Jan 2017 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 167940
Ion Ratio Lower Upper
152 100
150 154.7 124.9 187.3
115 57.0 46.0 69.0



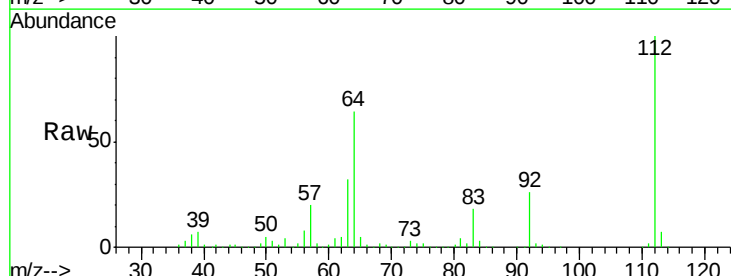
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



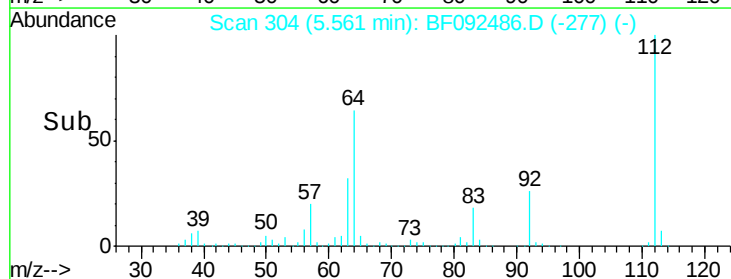
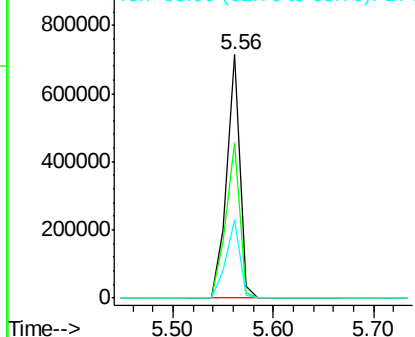
#5

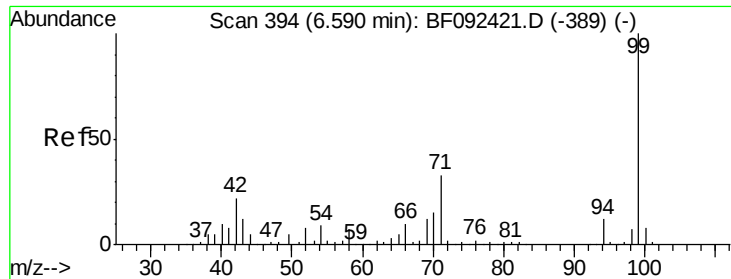
2-Fluorophenol
Concen: 60.70 ng
RT: 5.56 min Scan# 304
Delta R.T. 0.01 min
Lab File: BF092486.D
Acq: 25 Jan 2017 19:40

Tgt Ion:112 Resp: 655159
Ion Ratio Lower Upper
112 100
64 63.9 46.1 69.1
63 32.1 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: 57.53 ng

RT: 6.58 min Scan# 393

Delta R.T. -0.01 min

Lab File: BF092486.D

Acq: 25 Jan 2017 19:40

Instrument :

BNA_F

ClientSampled :

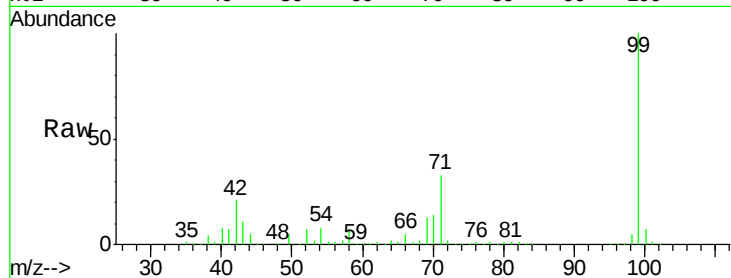
Tot Ion: 99 Resp: 790952

Ion Ratio Lower Upper

99 100

42 21.1 15.6 23.4

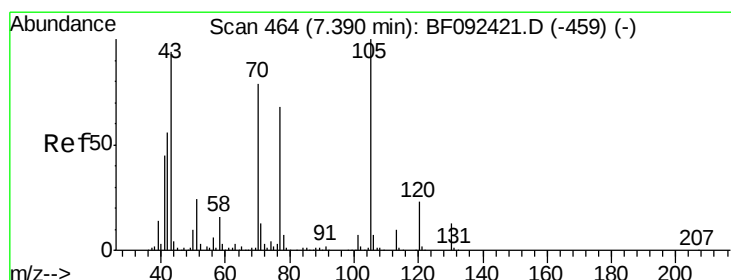
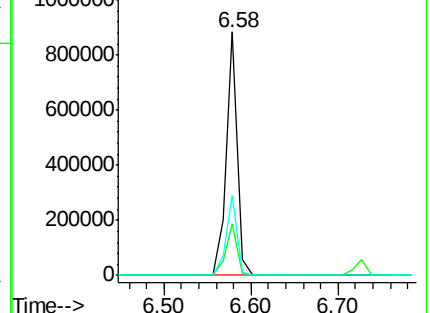
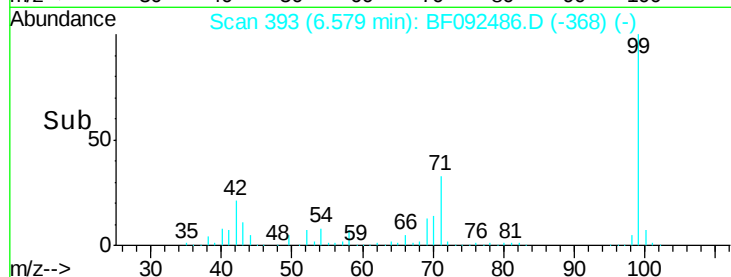
71 33.0 27.5 41.3



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: 11.38 ng

RT: 7.53 min Scan# 476

Delta R.T. 0.14 min

Lab File: BF092486.D

Acq: 25 Jan 2017 19:40

Tgt Ion: 70 Resp: 106545

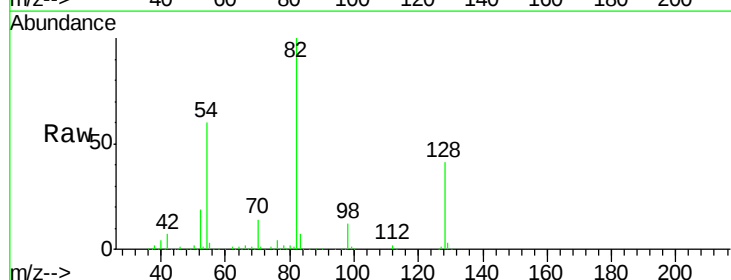
Ion Ratio Lower Upper

70 100

42 54.4 49.4 74.0

101 0.0 7.4 11.2#

130 1.9 14.2 21.4#

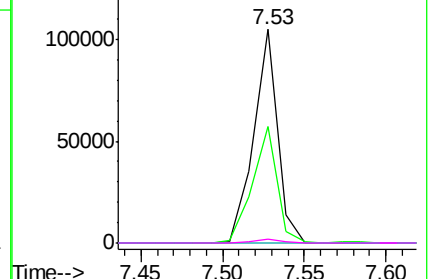
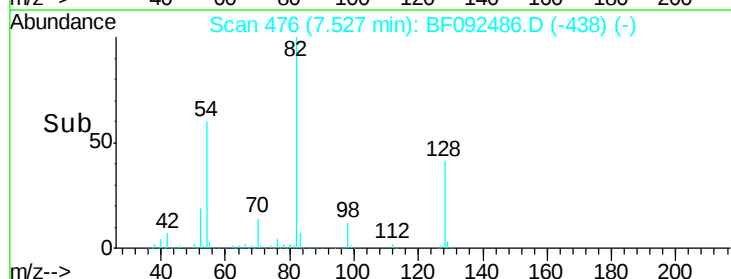


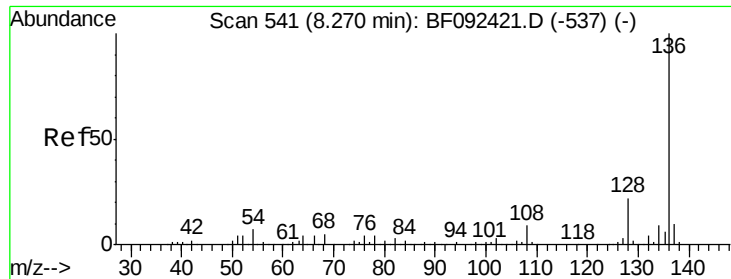
Abundance Ion 70.00 (69.70 to 70.70): BF0

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

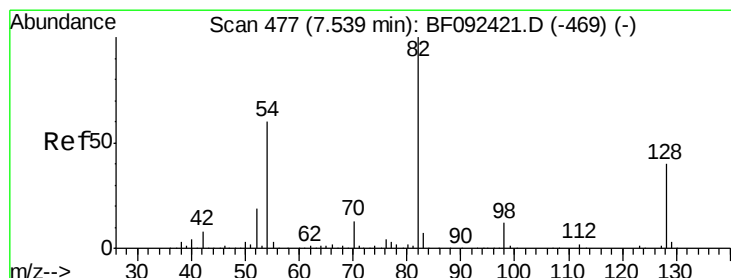
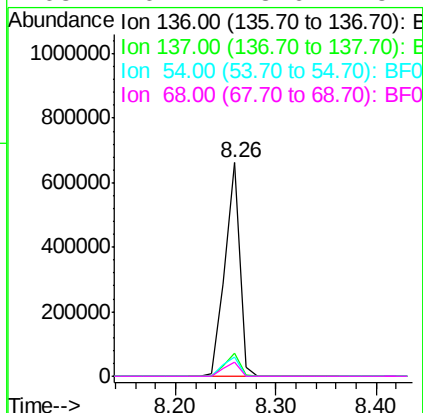
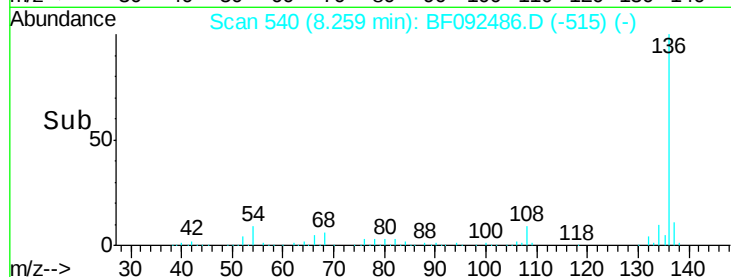
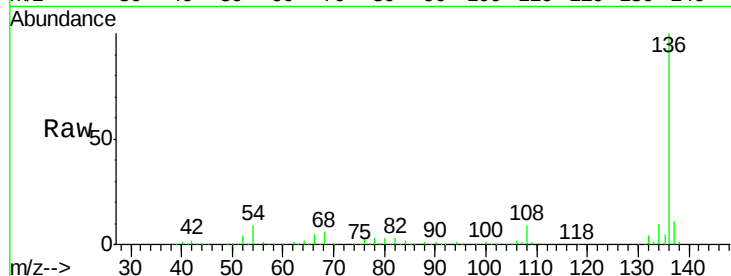




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.26 min Scan# 540
Delta R.T. -0.01 min
Lab File: BF092486.D
Acq: 25 Jan 2017 19:40

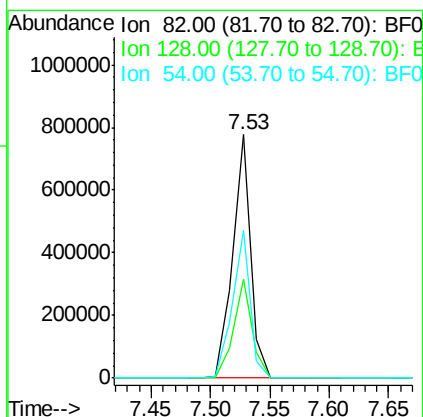
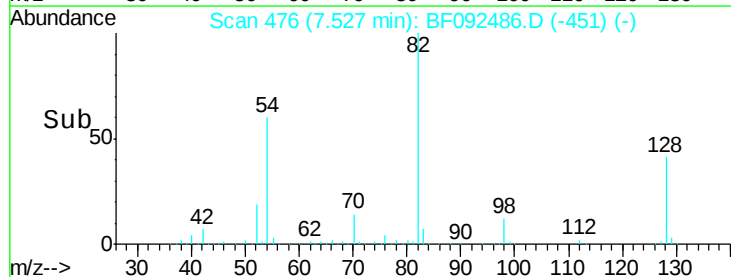
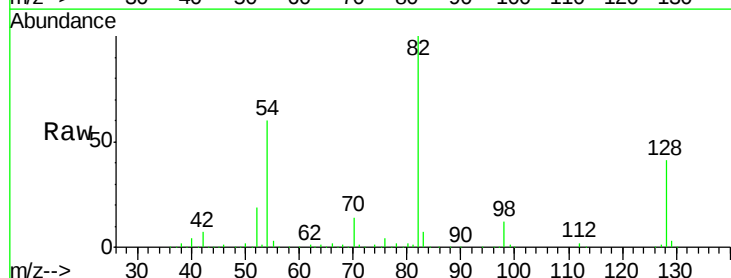
Instrument :
BNA_F
ClientSampleId :

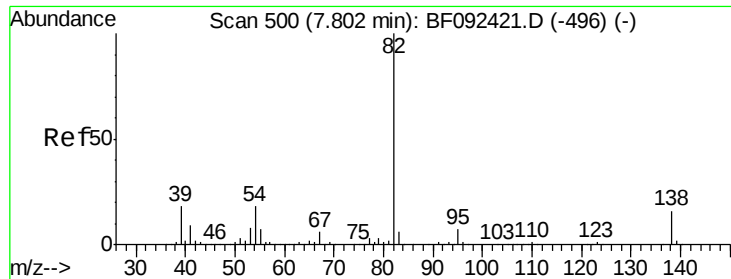
Tot Ion:136	Resp:	675410
Ion Ratio	Lower	Upper
136	100	
137	11.0	8.4 12.6
54	9.2	4.5 6.7#
68	6.4	3.6 5.4#



#23
Nitrobenzene-d5
Concen: 65.98 ng
RT: 7.53 min Scan# 476
Delta R.T. -0.01 min
Lab File: BF092486.D
Acq: 25 Jan 2017 19:40

Tgt Ion: 82	Resp:	815774
Ion Ratio	Lower	Upper
82	100	
128	40.9	34.6 52.0
54	60.4	39.5 59.3#





#25

Isophorone

Concen: 25.49 ng

RT: 7.53 min Scan# 476

Delta R.T. -0.27 min

Lab File: BF092486.D

Acq: 25 Jan 2017 19:40

Instrument :

BNA_F

ClientSampleId :

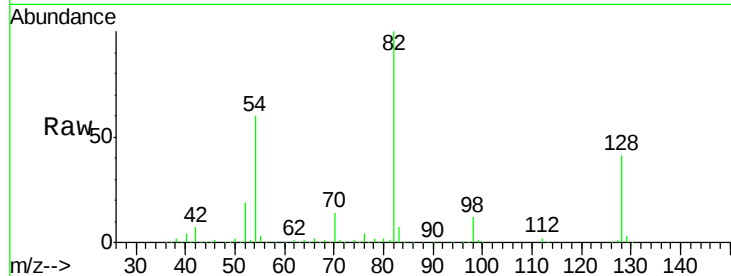
Tot Ion: 82 Resp: 621015

Ion Ratio Lower Upper

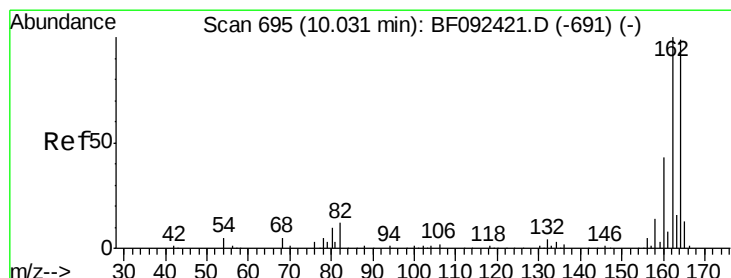
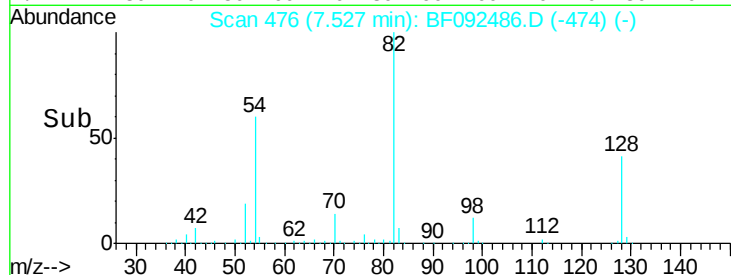
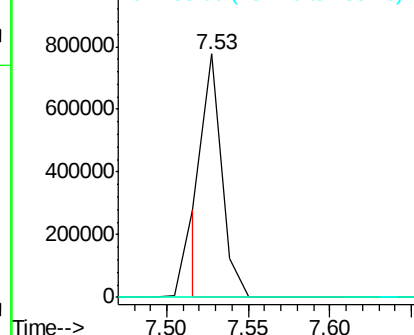
82 100

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): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 10.02 min Scan# 694

Delta R.T. -0.01 min

Lab File: BF092486.D

Acq: 25 Jan 2017 19:40

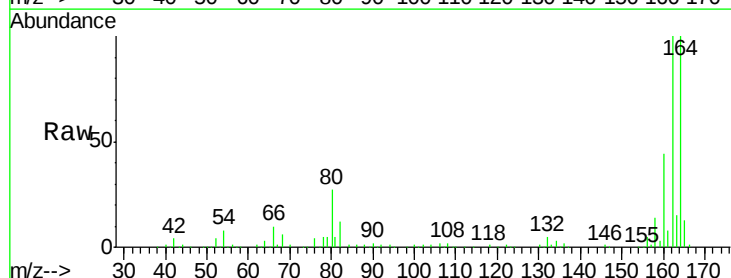
Tgt Ion: 164 Resp: 350258

Ion Ratio Lower Upper

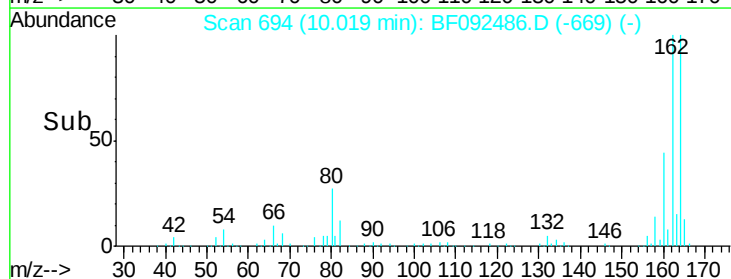
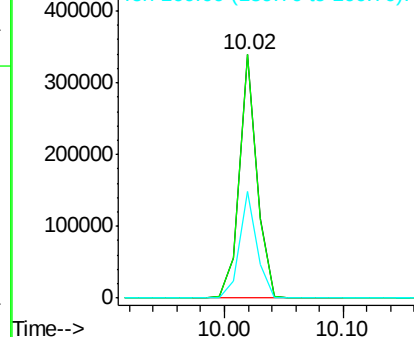
164 100

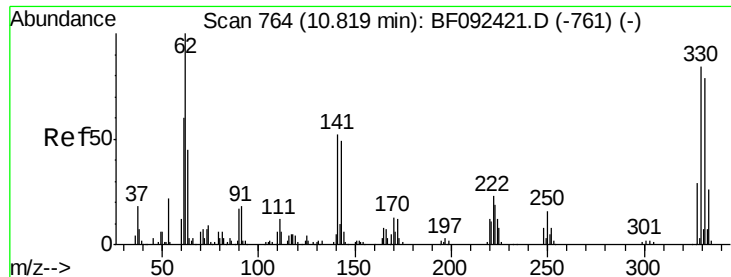
162 100.0 80.2 120.2

160 43.7 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

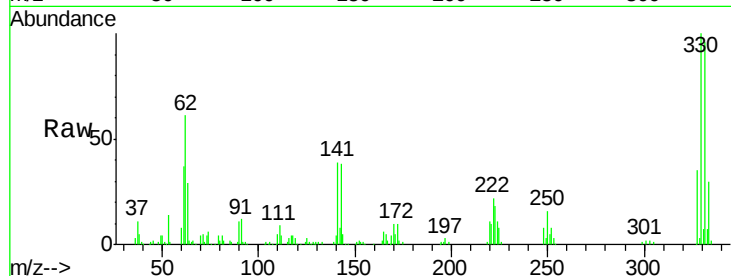




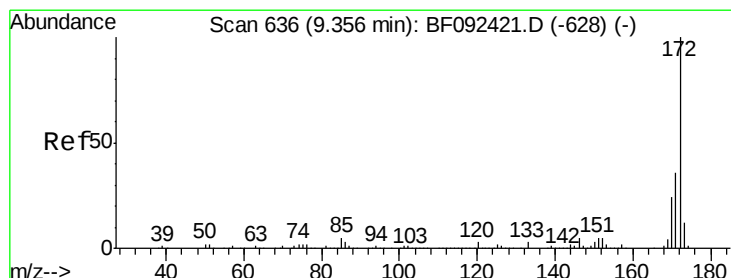
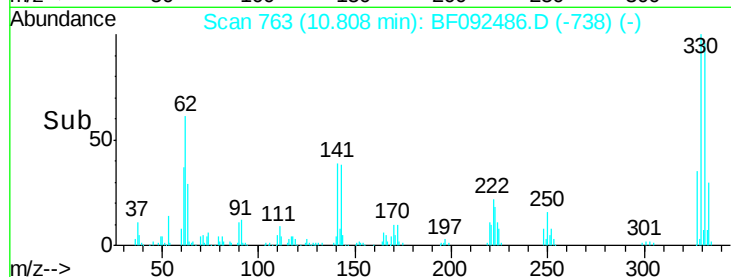
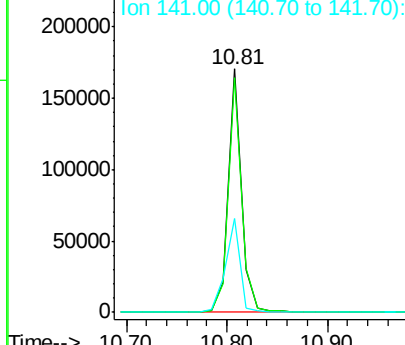
#41
 2,4,6-Tribromophenol
 Concen: 66.12 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.01 min
 Lab File: BF092486.D
 Acq: 25 Jan 2017 19:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:330 Resp: 157812
 Ion Ratio Lower Upper
 330 100
 332 96.7 77.4 116.2
 141 42.0 34.1 51.1

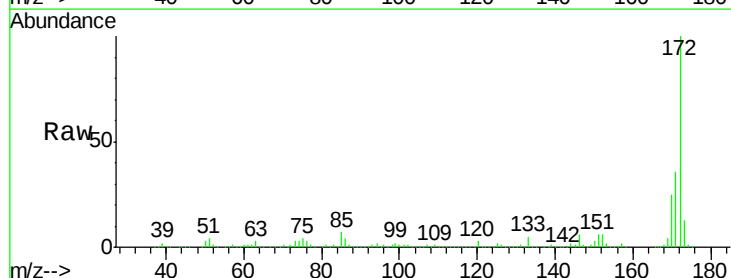


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

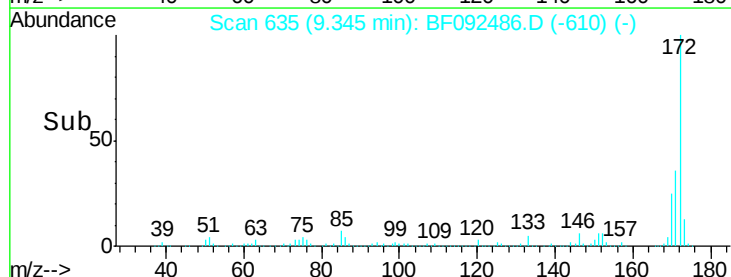
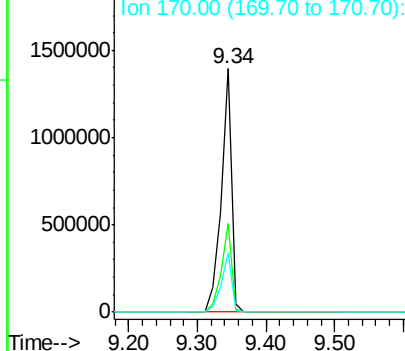


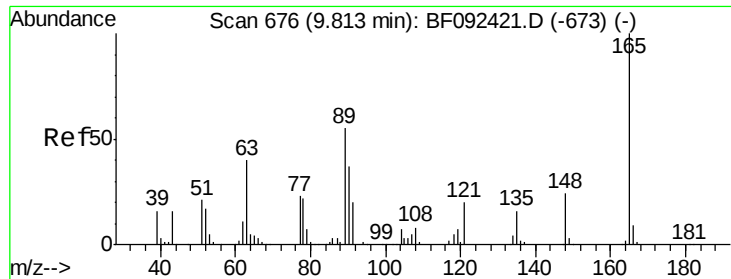
#44
 2-Fluorobiphenyl
 Concen: 78.43 ng
 RT: 9.34 min Scan# 635
 Delta R.T. -0.01 min
 Lab File: BF092486.D
 Acq: 25 Jan 2017 19:40

Tgt Ion:172 Resp: 1485630
 Ion Ratio Lower Upper
 172 100
 171 36.4 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

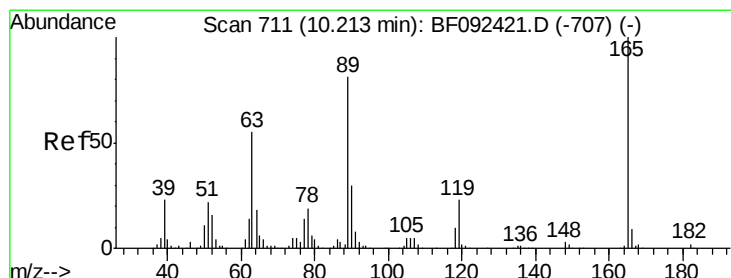
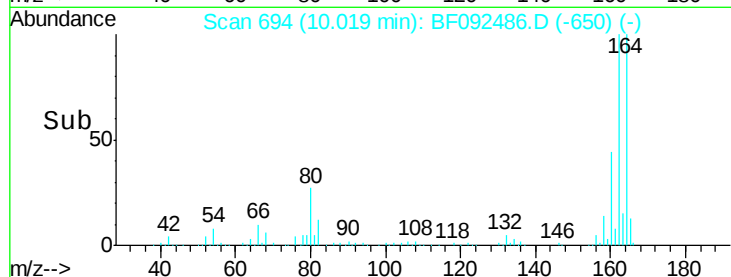
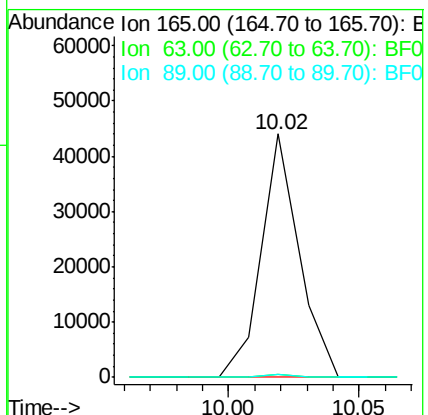
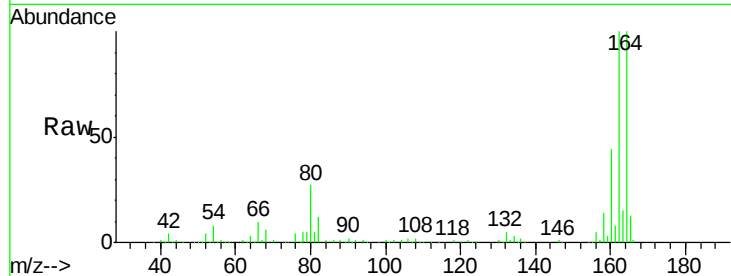




#50
2,6-Dinitrotoluene
Concen: 9.72 ng
RT: 10.02 min Scan# 694
Delta R.T. 0.21 min
Lab File: BF092486.D
Acq: 25 Jan 2017 19:40

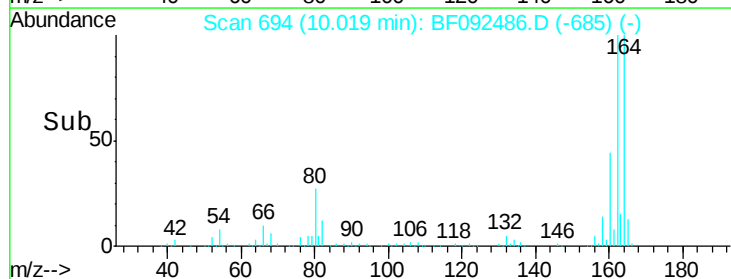
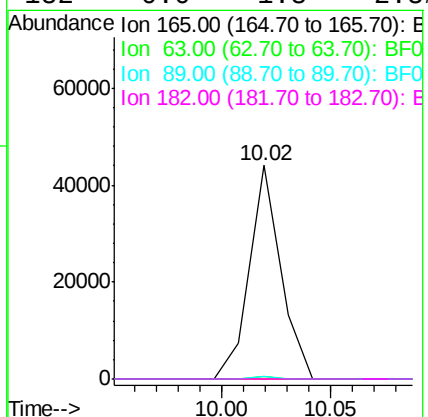
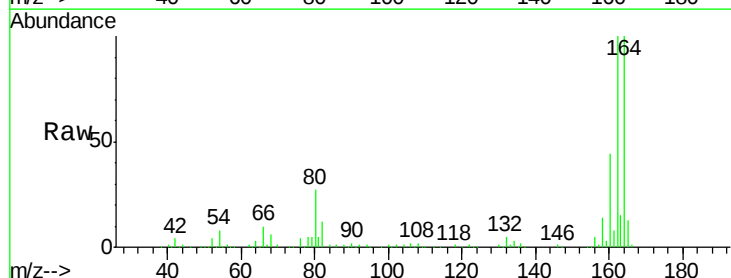
Instrument :
BNA_F
ClientSampled :

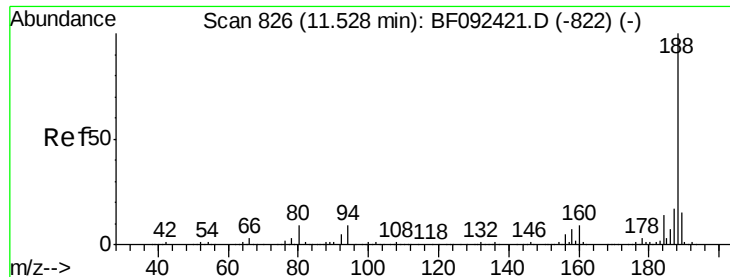
Tot Ion:165 Resp: 44241
Ion Ratio Lower Upper
165 100
63 1.3 36.2 54.4#
89 1.1 40.2 60.4#



#56
2,4-Dinitrotoluene
Concen: 7.32 ng
RT: 10.02 min Scan# 694
Delta R.T. -0.19 min
Lab File: BF092486.D
Acq: 25 Jan 2017 19:40

Tgt Ion:165 Resp: 44245
Ion Ratio Lower Upper
165 100
63 1.3 40.2 60.4#
89 1.1 62.5 93.7#
182 0.0 1.8 2.8#

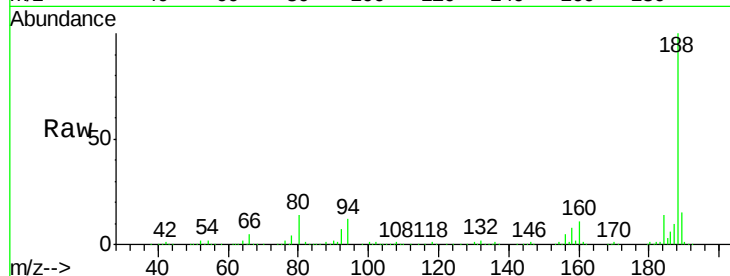




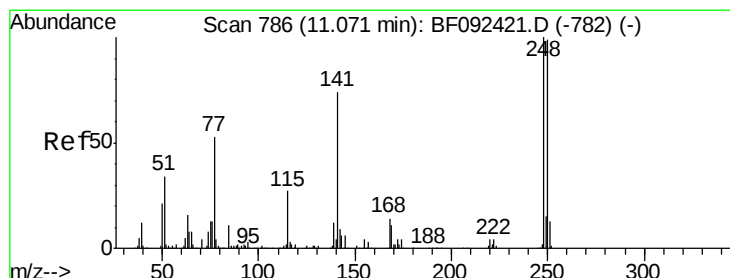
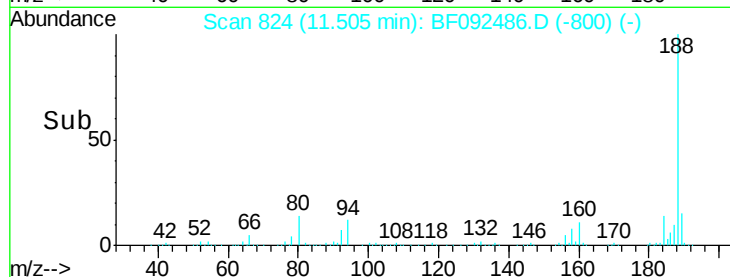
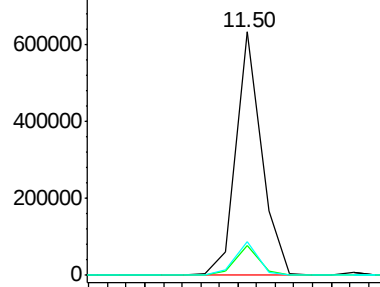
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.50 min Scan# 824
 Delta R.T. -0.02 min
 Lab File: BF092486.D
 Acq: 25 Jan 2017 19:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:188 Resp: 596041
 Ion Ratio Lower Upper
 188 100
 94 12.4 10.0 15.0
 80 13.6 11.2 16.8

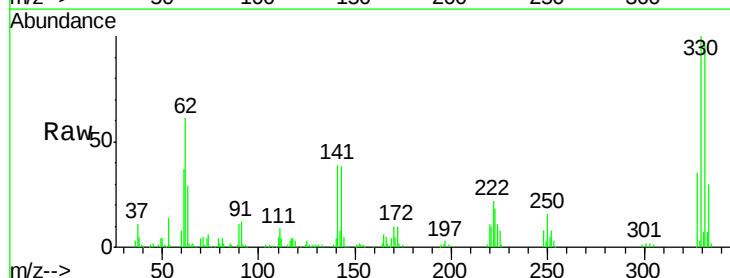


Abundance Ion 188.00 (187.70 to 188.70): E
 Ion 94.00 (93.70 to 94.70): BF0
 Ion 80.00 (79.70 to 80.70): BF0

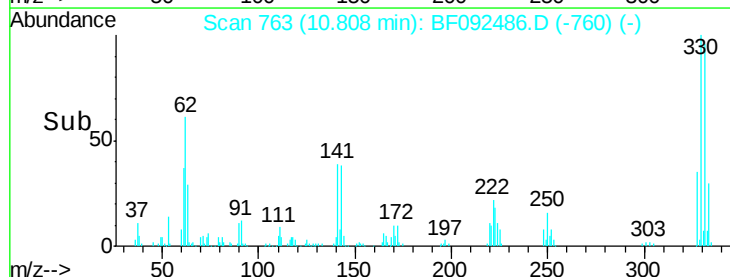
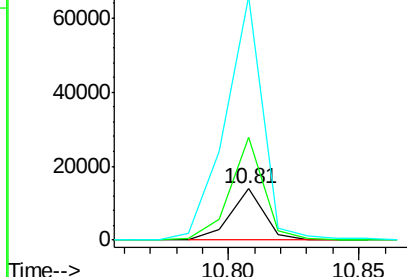


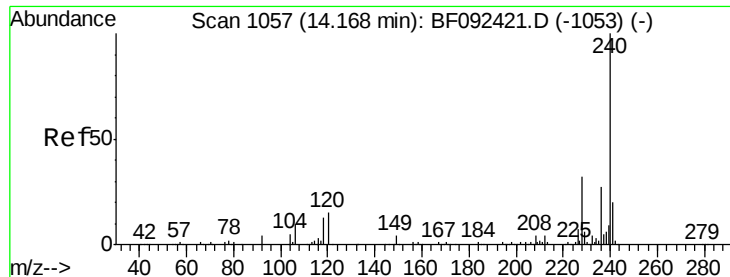
#66
 4-Bromophenyl-phenylether
 Concen: 2.06 ng
 RT: 10.81 min Scan# 763
 Delta R.T. -0.26 min
 Lab File: BF092486.D
 Acq: 25 Jan 2017 19:40

Tgt Ion:248 Resp: 12370
 Ion Ratio Lower Upper
 248 100
 250 199.0 76.9 115.3#
 141 473.9 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: BF092486.D

Acq: 25 Jan 2017 19:40

Instrument :

BNA_F

ClientSampleId :

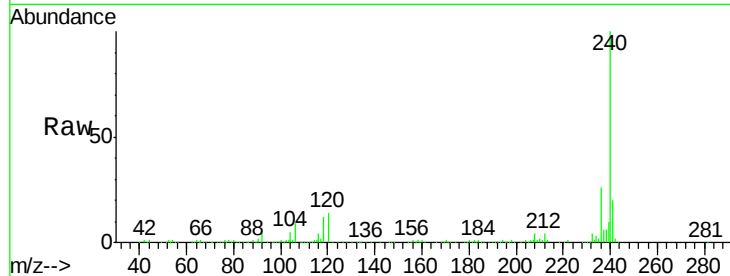
Tot Ion:240 Resp: 554615

Ion Ratio Lower Upper

240 100

120 14.1 12.9 19.3

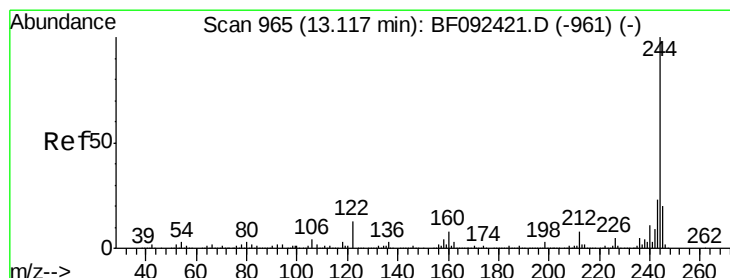
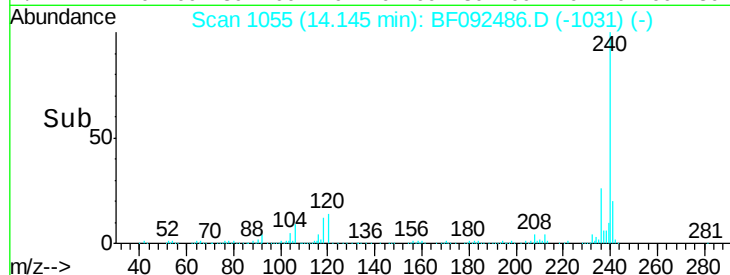
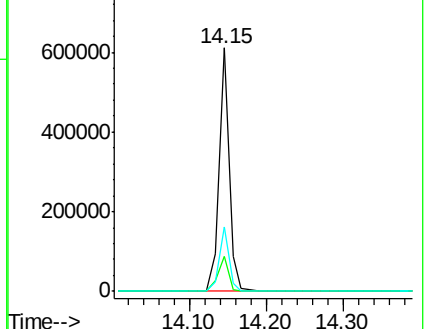
236 26.3 20.9 31.3



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: 70.64 ng

RT: 13.11 min Scan# 964

Delta R.T. -0.01 min

Lab File: BF092486.D

Acq: 25 Jan 2017 19:40

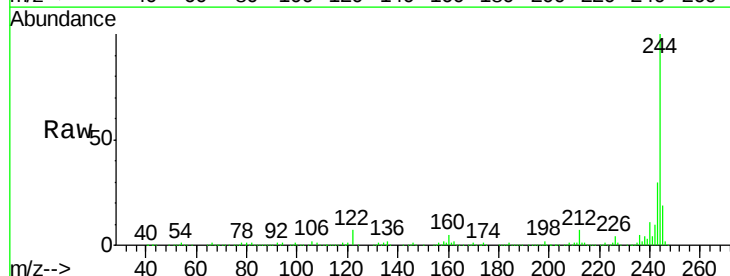
Tgt Ion:244 Resp: 1471212

Ion Ratio Lower Upper

244 100

212 6.7 6.2 9.2

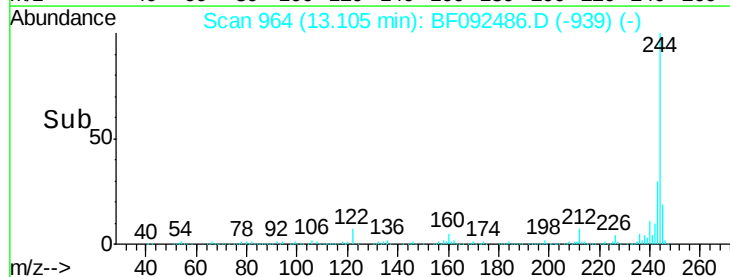
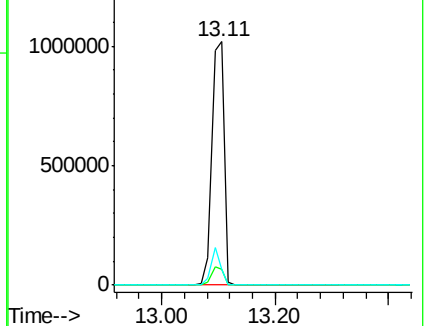
122 6.6 11.4 17.2#

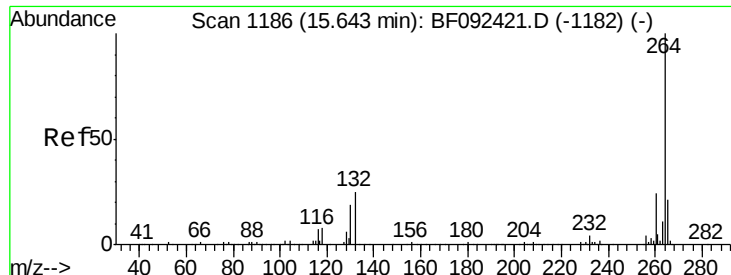


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

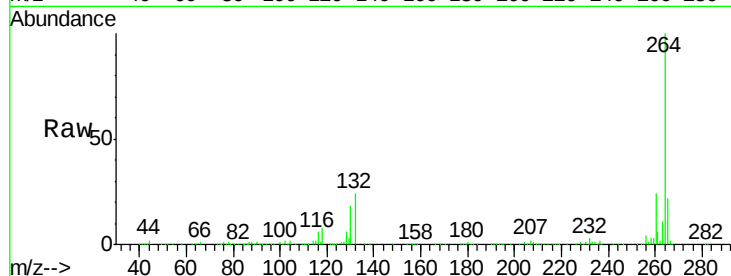




#86
Pervlene-d12
Concen: 20.00 ng
RT: 15.62 min Scan# 1184
Delta R.T. -0.02 min
Lab File: BF092486.D
Acq: 25 Jan 2017 19:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	264	Resp:	500151
Ion Ratio	Lower	Upper	
264	100		
260	23.9	19.2	28.8
265	21.8	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

