

Data File : BF092990.D
Acq On : 16 Feb 2017 19:31
Operator : SJ/MA
Sample : I1850-06
Misc :
ALS Vial : 8 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
TP21-COMP15

Quant Time: Feb 16 23:53:20 2017
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Feb 13 18:04:38 2017
Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.01	152	482636	20.00	ng	0.13
21) Naphthalene-d8	8.14	136	577292	20.00	ng	-0.02
38) Acenaphthene-d10	9.89	164	325212	20.00	ng	-0.03
63) Phenanthrene-d10	11.38	188	549547	20.00	ng	-0.02
75) Chrysene-d12	14.01	240	506177	20.00	ng	-0.05
86) Perylene-d12	15.44	264	429438	20.00	ng	-0.05
System Monitoring Compounds						
5) 2-Fluorophenol	5.47	112	1132025	40.24	ng	-0.01
7) Phenol-d6	6.50	99	1181327	32.64	ng	-0.03
23) Nitrobenzene-d5	7.42	82	914773	88.24	ng	-0.03
41) 2,4,6-Tribromophenol	10.68	330	293619	124.83	ng	-0.03
44) 2-Fluorobiphenyl	9.22	172	1601216	89.20	ng	-0.02
78) Terphenyl-d14	12.97	244	1659208	77.02	ng	-0.02
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.42	70	122416	5.31	ng	# 79
25) Isophorone	7.42	82	667646	34.56	ng	# 65
50) 2,6-Dinitrotoluene	9.89	165	42583	9.00	ng	# 30
56) 2,4-Dinitrotoluene	9.89	165	42585	6.76	ng	# 19
64) 4,6-Dinitro-2-methylphenol	10.68	198	599	2.84	ng	# 1
66) 4-Bromophenyl-phenylether	10.68	248	21994	3.83	ng	# 1

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

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TP21-COMP15

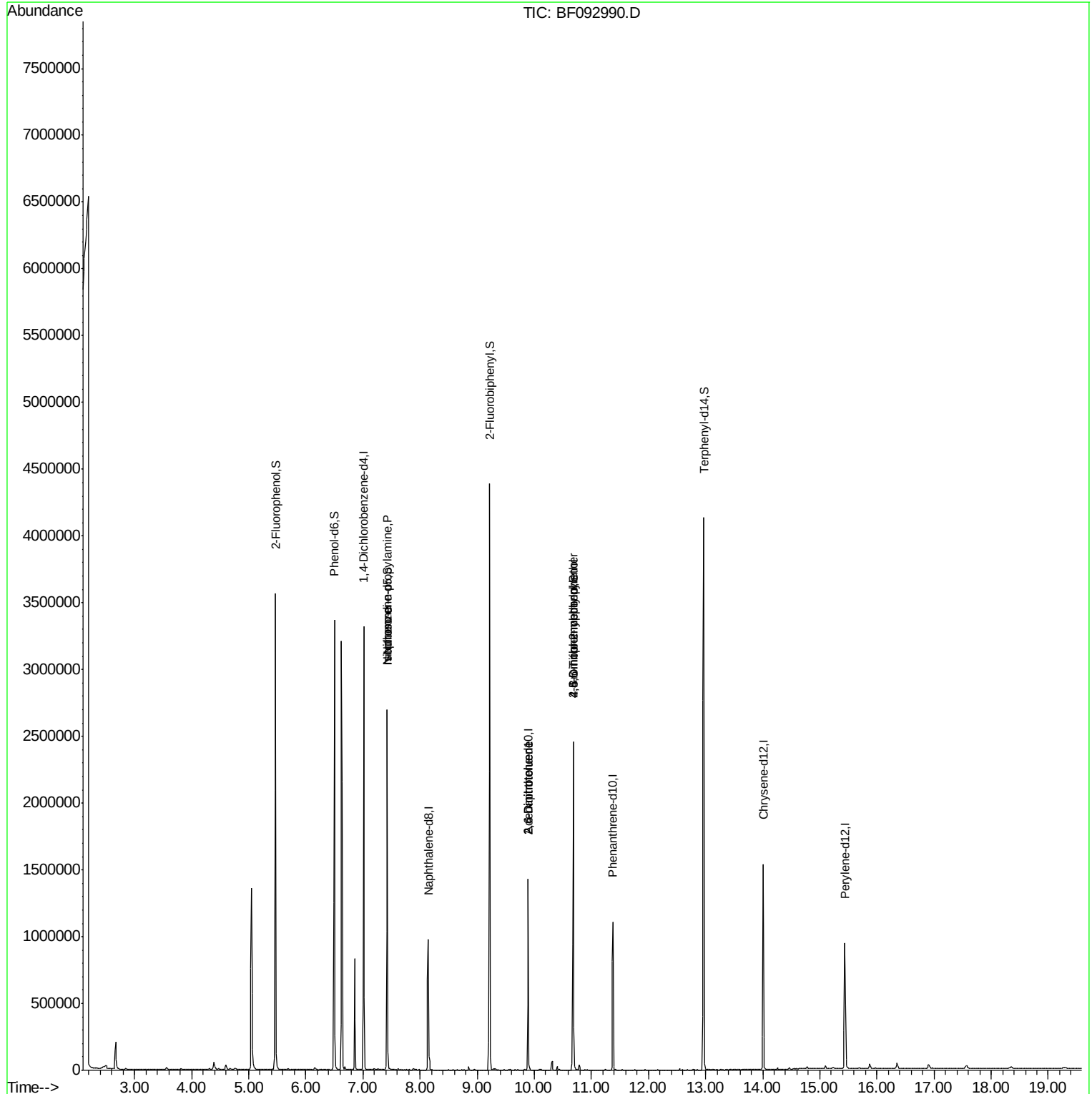
Quant Time: Feb 16 23:53:20 2017

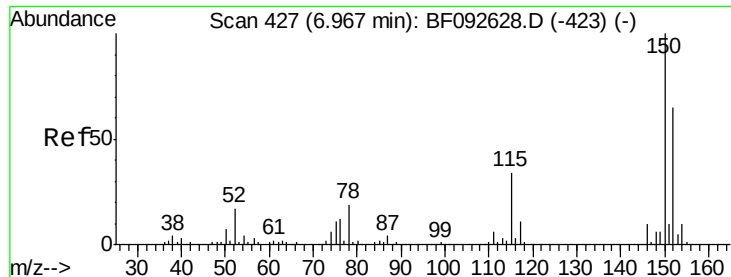
Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF013017.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

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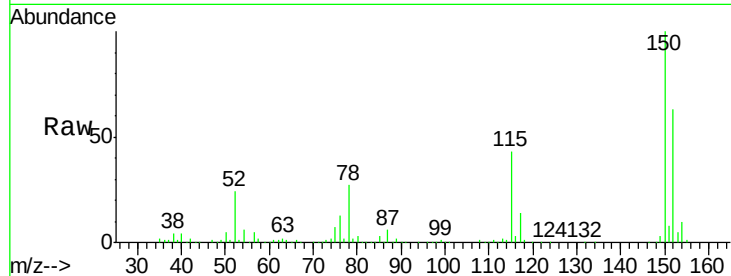


#1

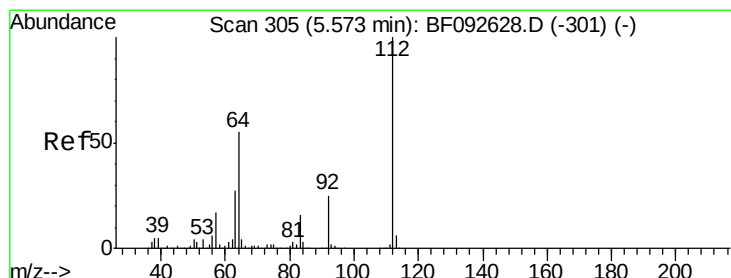
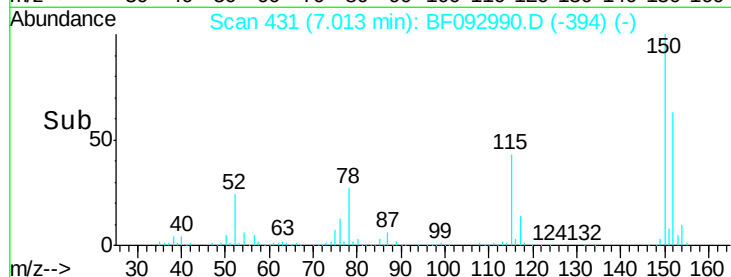
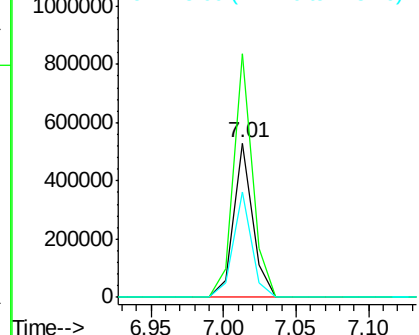
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.01 min Scan# 431
Delta R.T. 0.13 min
Lab File: BF092990.D
Acq: 16 Feb 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP21-COMP15

Tgt Ion:152 Resp: 482636
Ion Ratio Lower Upper
152 100
150 157.6 124.9 187.3
115 68.1 46.0 69.0



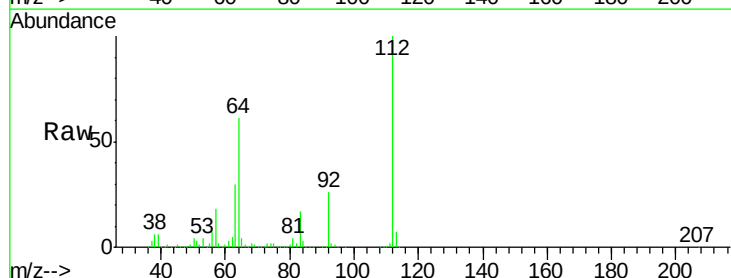
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



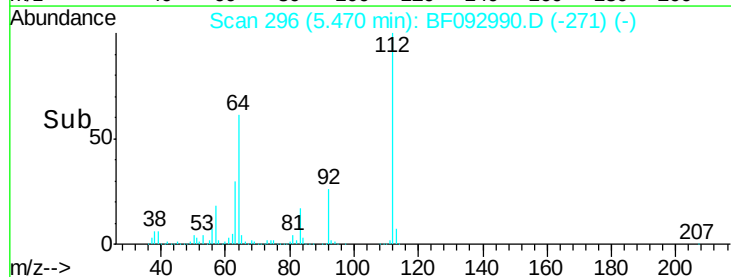
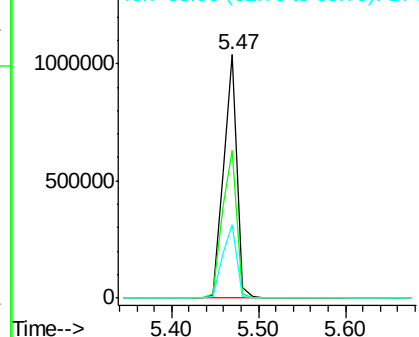
#5

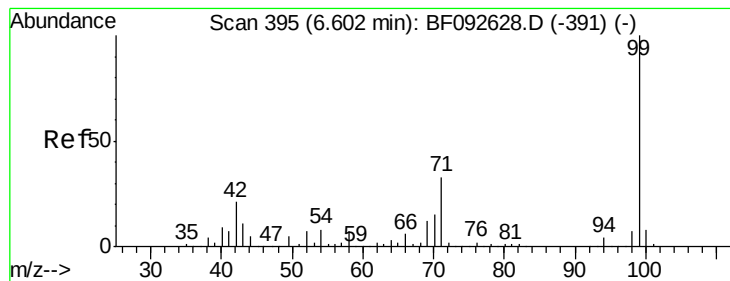
2-Fluorophenol
Concen: 40.24 ng
RT: 5.47 min Scan# 296
Delta R.T. -0.01 min
Lab File: BF092990.D
Acq: 16 Feb 2017 19:31

Tgt Ion:112 Resp: 1132025
Ion Ratio Lower Upper
112 100
64 60.6 46.1 69.1
63 30.3 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: 32.64 ng

RT: 6.50 min Scan# 386

Delta R.T. -0.03 min

Lab File: BF092990.D

Acq: 16 Feb 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP21-COMP15

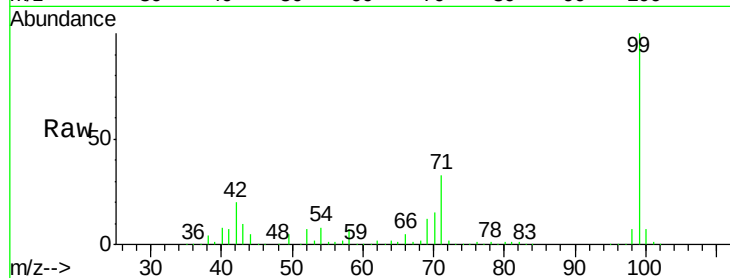
Tgt Ion: 99 Resp: 1181327

Ion Ratio Lower Upper

99 100

42 19.8 15.6 23.4

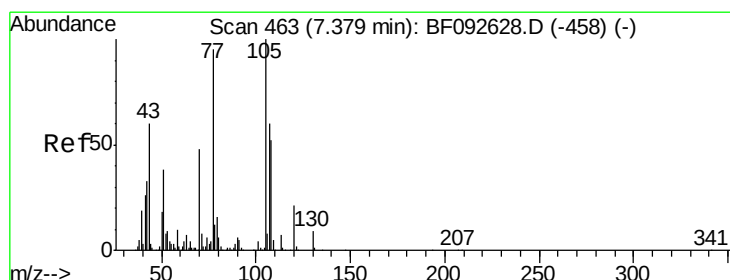
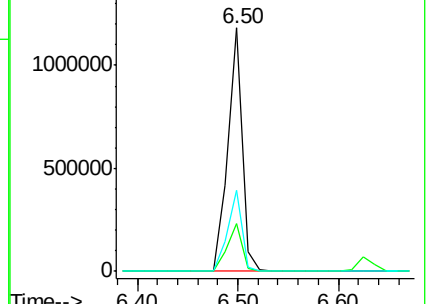
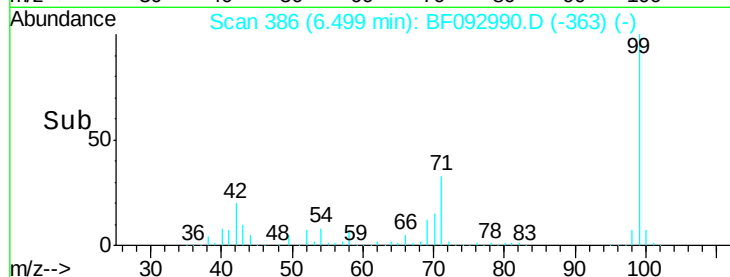
71 33.2 27.5 41.3



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: 5.31 ng

RT: 7.42 min Scan# 467

Delta R.T. 0.11 min

Lab File: BF092990.D

Acq: 16 Feb 2017 19:31

Tgt Ion: 70 Resp: 122416

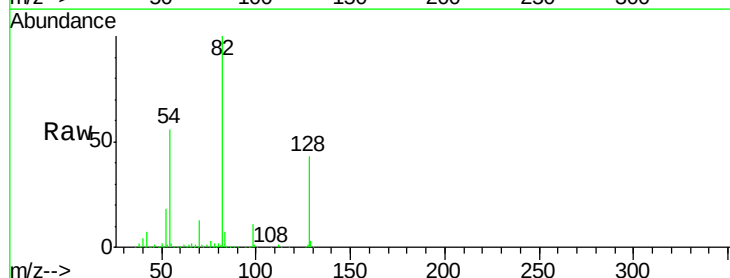
Ion Ratio Lower Upper

70 100

42 49.5 49.4 74.0

101 0.0 7.4 11.2#

130 2.1 14.2 21.4#

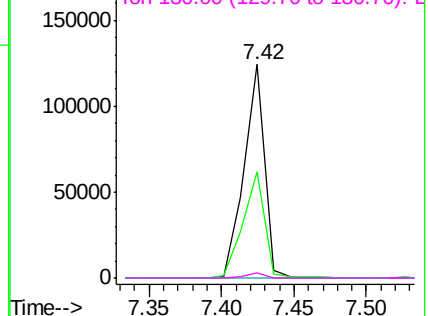
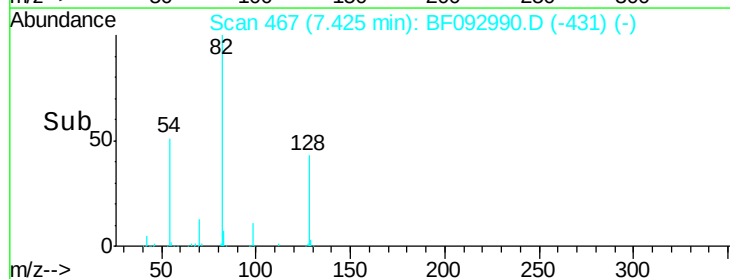


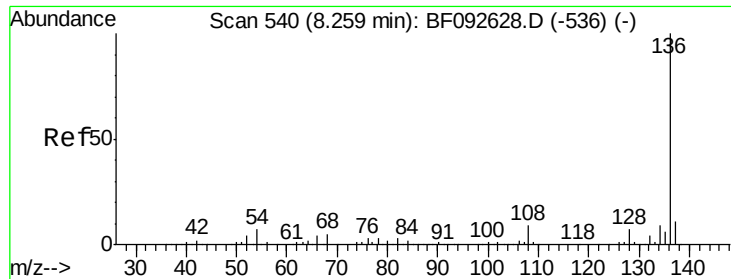
Abundance Ion 70.00 (69.70 to 70.70): BF0

Ion 42.00 (41.70 to 42.70): BF0

Ion 101.00 (100.70 to 101.70): BF0

Ion 130.00 (129.70 to 130.70): BF0

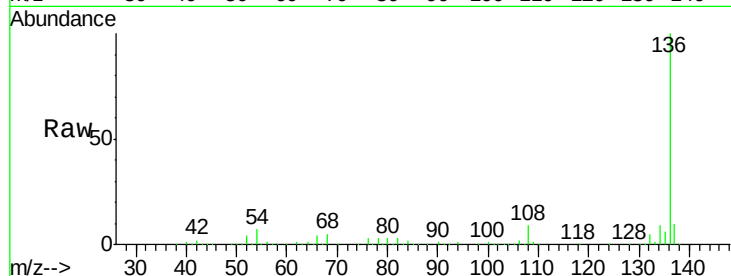




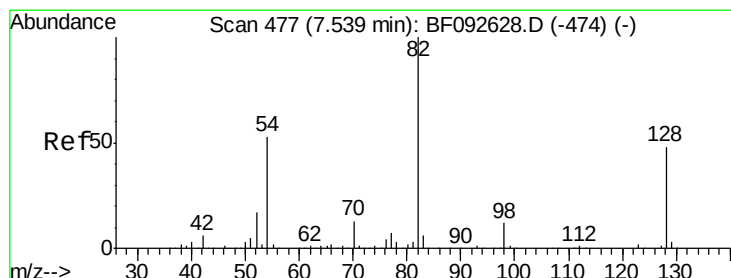
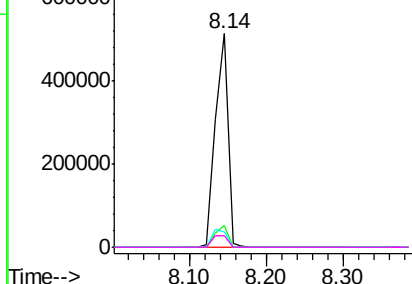
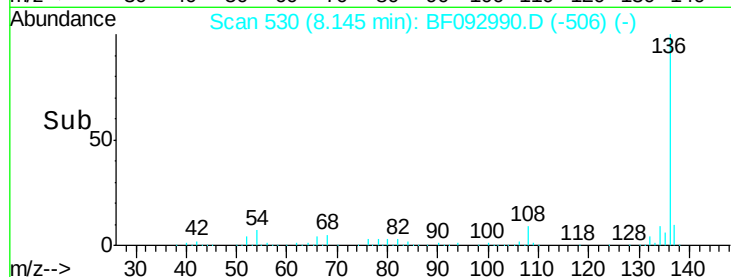
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.14 min Scan# 530
Delta R.T. -0.02 min
Lab File: BF092990.D
Acq: 16 Feb 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP21-COMP15

Tgt Ion:	136	Resp:	577292
Ion	Ratio	Lower	Upper
136	100		
137	10.5	8.4	12.6
54	7.5	4.5	6.7#
68	5.3	3.6	5.4

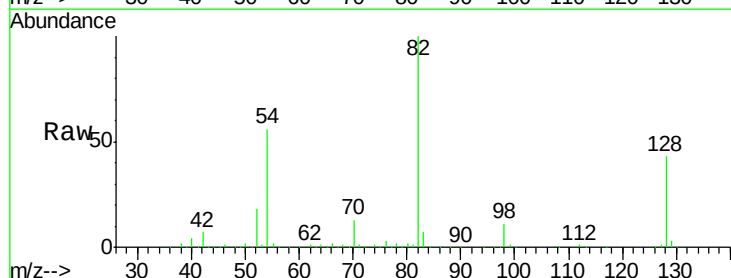


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BF0
Ion 68.00 (67.70 to 68.70): BF0

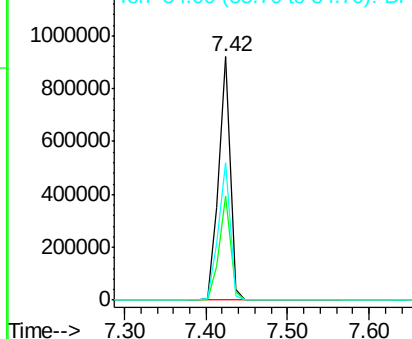
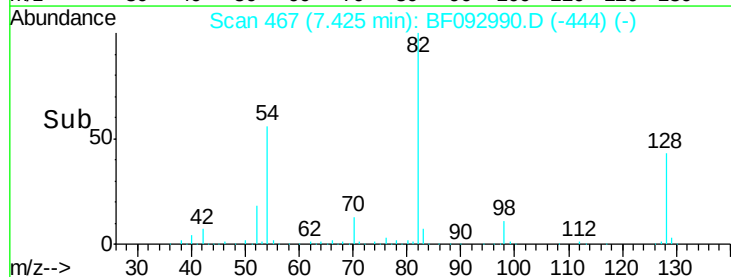


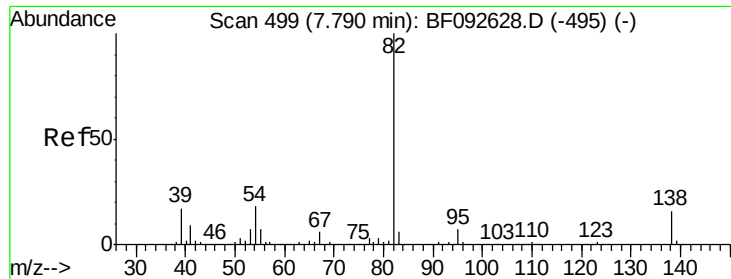
#23
Nitrobenzene-d5
Concen: 88.24 ng
RT: 7.42 min Scan# 467
Delta R.T. -0.03 min
Lab File: BF092990.D
Acq: 16 Feb 2017 19:31

Tgt Ion:	82	Resp:	914773
Ion	Ratio	Lower	Upper
82	100		
128	42.5	34.6	52.0
54	56.2	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: 34.56 ng

RT: 7.42 min Scan# 467

Delta R.T. -0.29 min

Lab File: BF092990.D

Acq: 16 Feb 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP21-COMP15

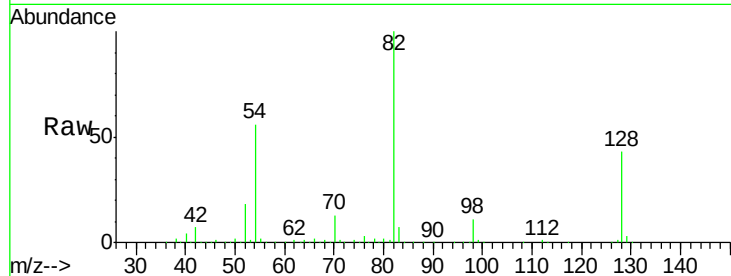
Tgt Ion: 82 Resp: 667646

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

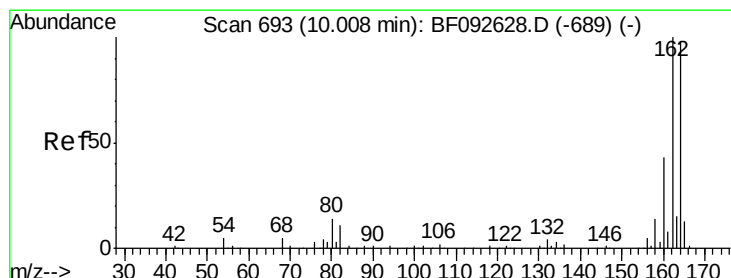
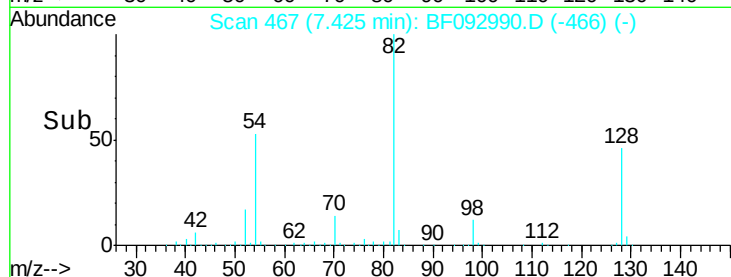
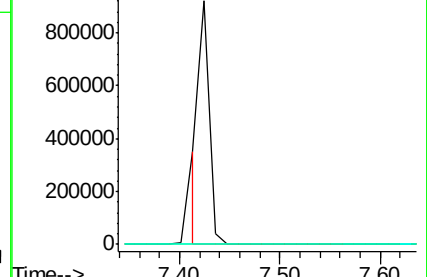
138 0.0 14.6 22.0#



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: 9.89 min Scan# 683

Delta R.T. -0.03 min

Lab File: BF092990.D

Acq: 16 Feb 2017 19:31

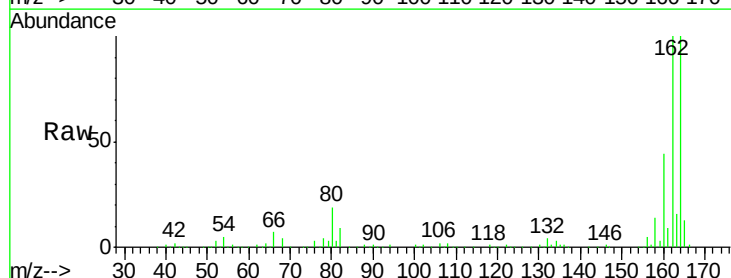
Tgt Ion: 164 Resp: 325212

Ion Ratio Lower Upper

164 100

162 99.8 80.2 120.2

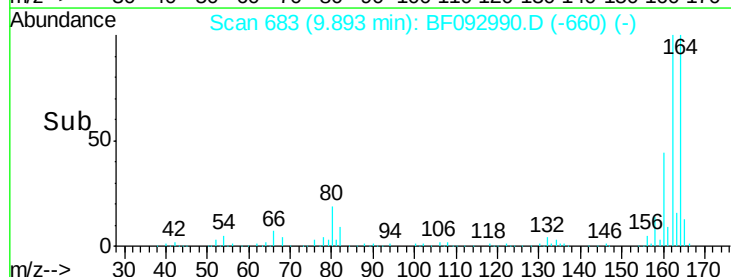
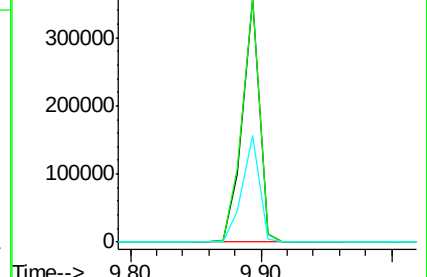
160 43.8 36.9 55.3

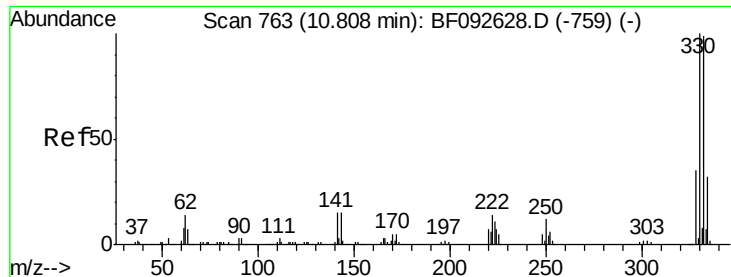


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

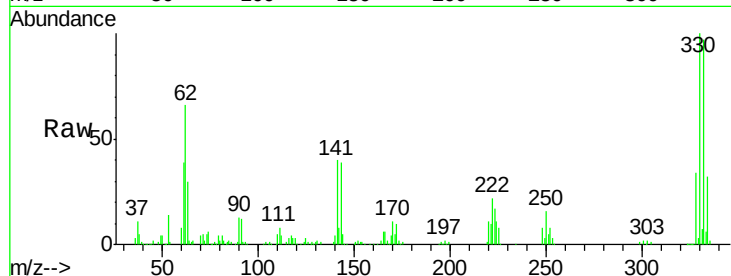




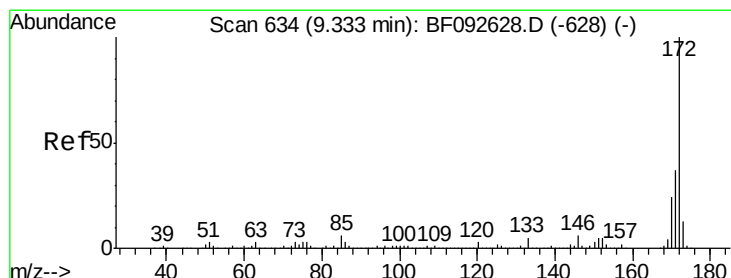
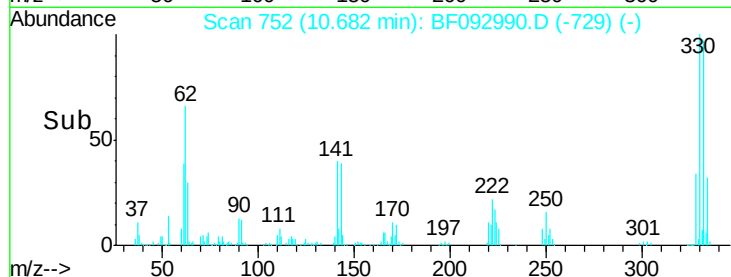
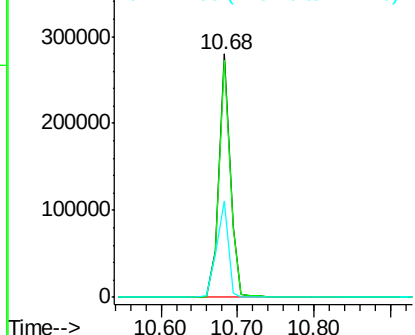
#41
 2,4,6-Tribromophenol
 Concen: 124.83 ng
 RT: 10.68 min Scan# 752
 Delta R.T. -0.03 min
 Lab File: BF092990.D
 Acq: 16 Feb 2017 19:31

Instrument :
 BNA_F
 ClientSampleId :
 TP21-COMP15

Tgt Ion:330 Resp: 293619
 Ion Ratio Lower Upper
 330 100
 332 97.2 77.4 116.2
 141 40.1 34.1 51.1

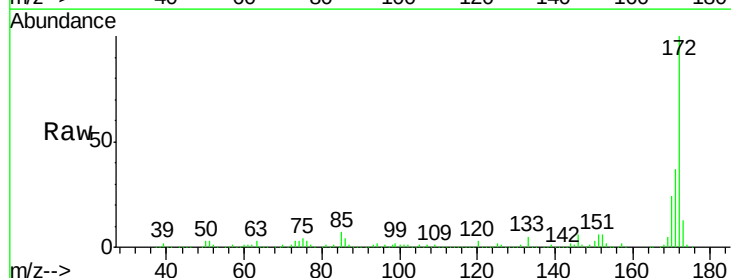


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

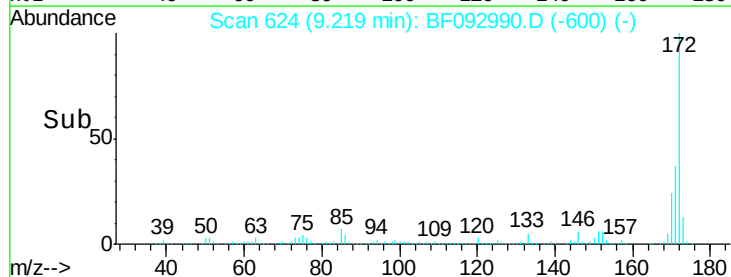
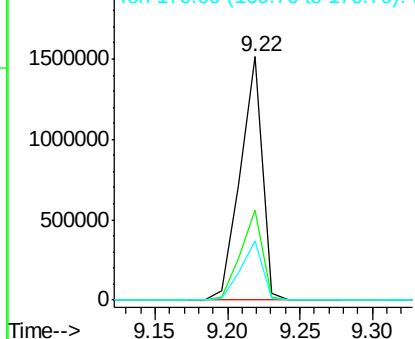


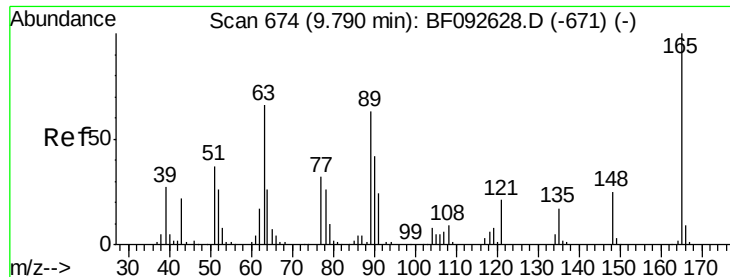
#44
 2-Fluorobiphenyl
 Concen: 89.20 ng
 RT: 9.22 min Scan# 624
 Delta R.T. -0.02 min
 Lab File: BF092990.D
 Acq: 16 Feb 2017 19:31

Tgt Ion:172 Resp: 1601216
 Ion Ratio Lower Upper
 172 100
 171 36.7 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

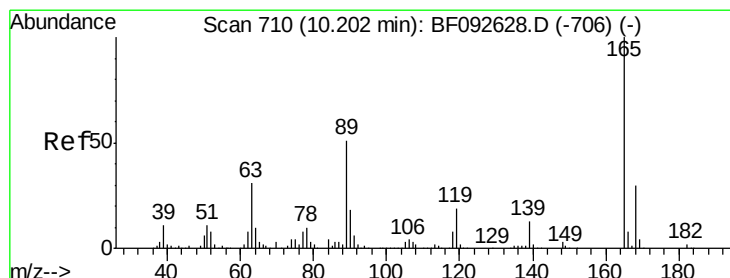
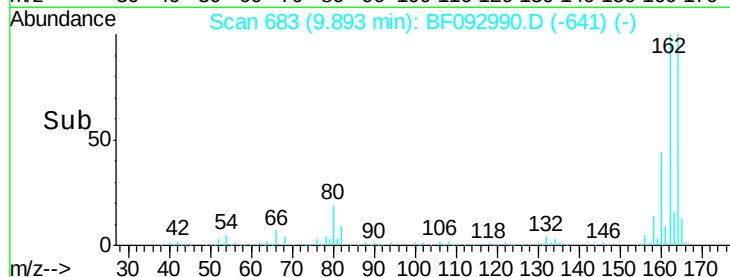
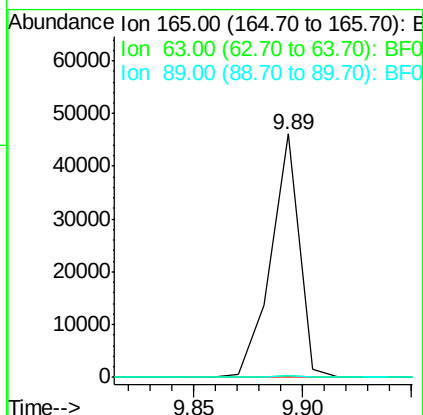
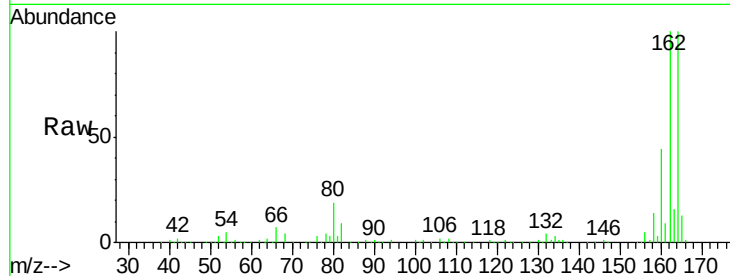




#50
 2,6-Dinitrotoluene
 Concen: 9.00 ng
 RT: 9.89 min Scan# 683
 Delta R.T. 0.18 min
 Lab File: BF092990.D
 Acq: 16 Feb 2017 19:31

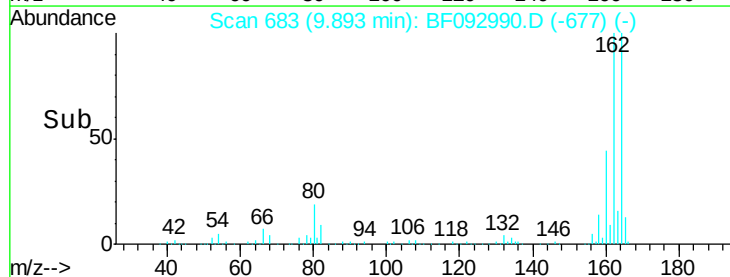
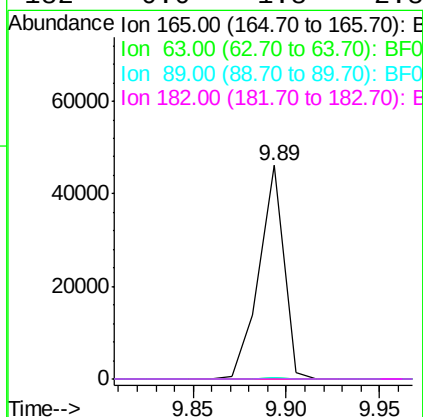
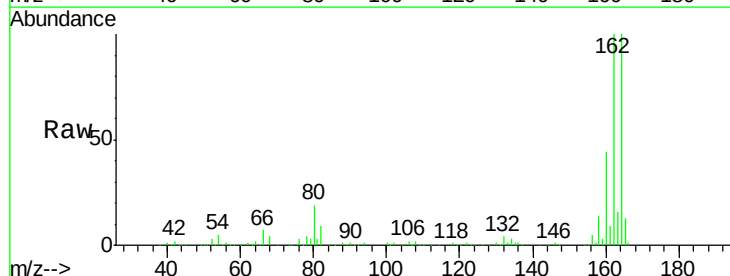
Instrument :
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 TP21-COMP15

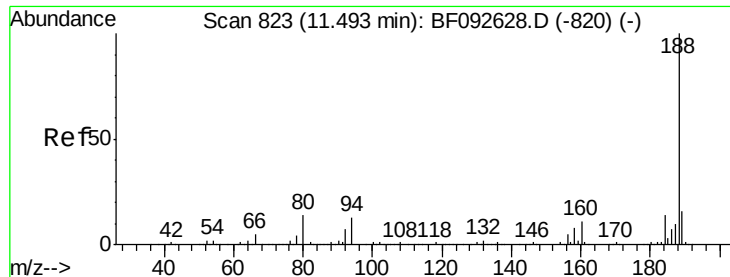
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	36.2	54.4#
89	0.8	40.2	60.4#



#56
 2,4-Dinitrotoluene
 Concen: 6.76 ng
 RT: 9.89 min Scan# 683
 Delta R.T. -0.23 min
 Lab File: BF092990.D
 Acq: 16 Feb 2017 19:31

Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.7	40.2	60.4#
89	0.8	62.5	93.7#
182	0.0	1.8	2.8#

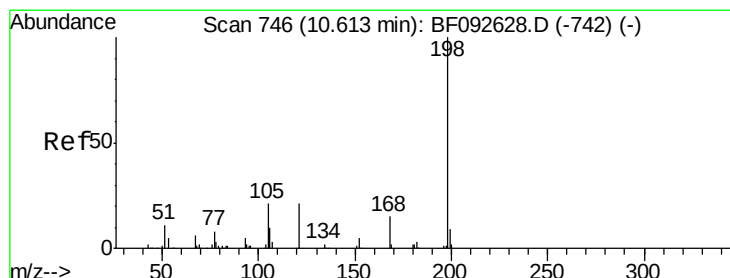
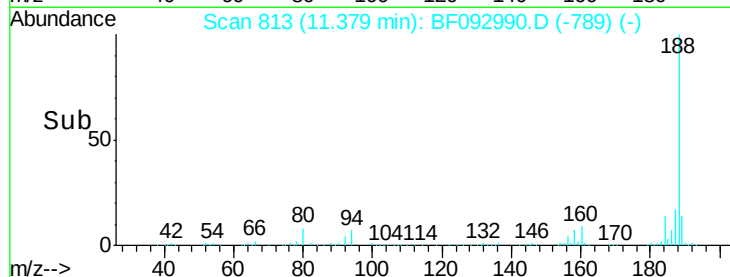
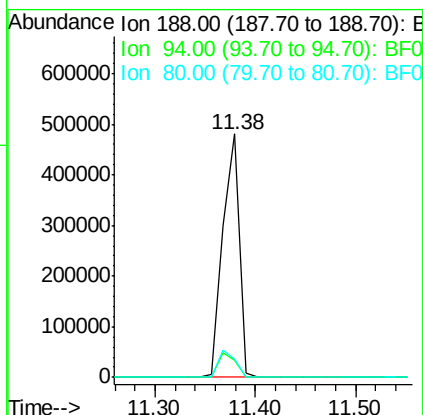
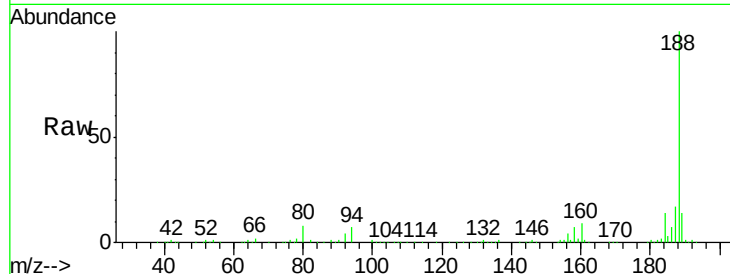




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.38 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF092990.D
Acq: 16 Feb 2017 19:31

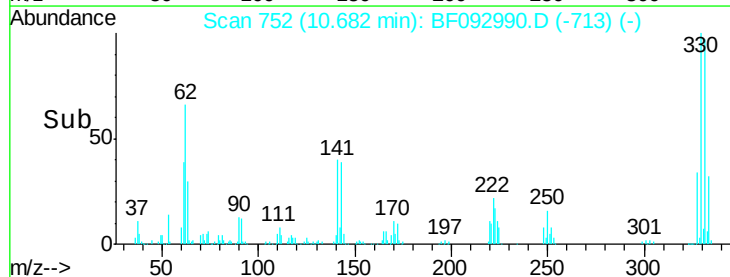
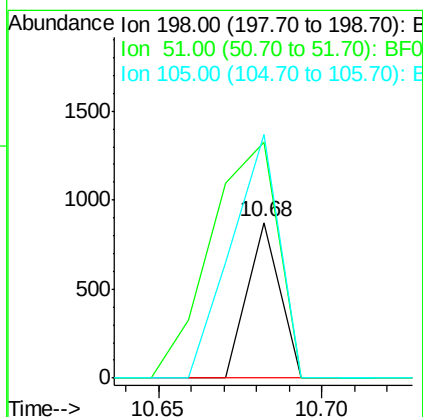
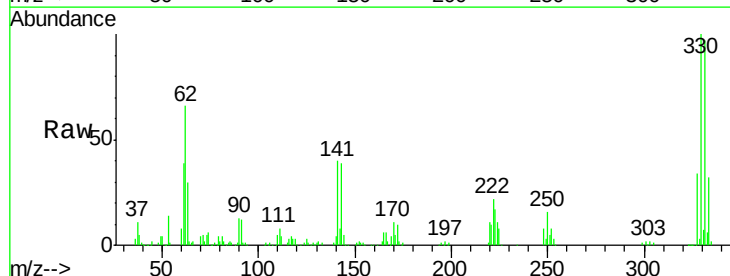
Instrument :
BNA_F
ClientSampleId :
TP21-COMP15

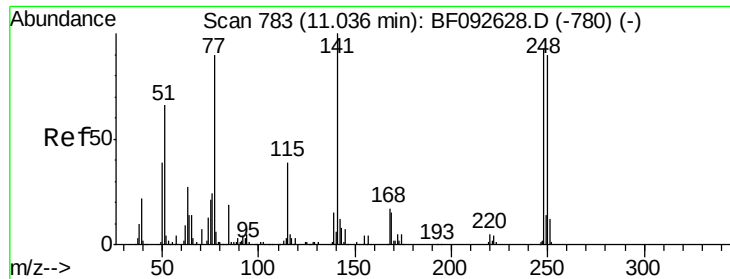
Tgt Ion:188 Resp: 549547
Ion Ratio Lower Upper
188 100
94 7.3 10.0 15.0#
80 7.6 11.2 16.8#



#64
4,6-Dinitro-2-methylphenol
Concen: 2.84 ng
RT: 10.68 min Scan# 752
Delta R.T. 0.15 min
Lab File: BF092990.D
Acq: 16 Feb 2017 19:31

Tgt Ion:198 Resp: 599
Ion Ratio Lower Upper
198 100
51 152.2 6.7 46.7#
105 156.7 16.6 56.6#

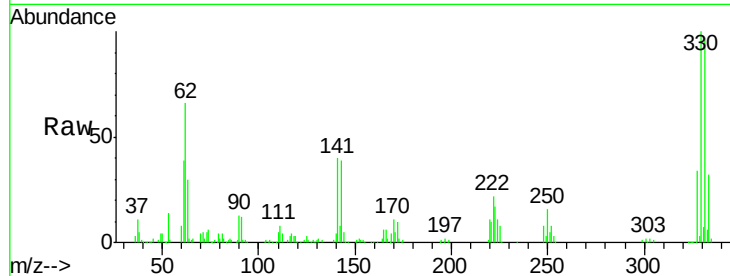




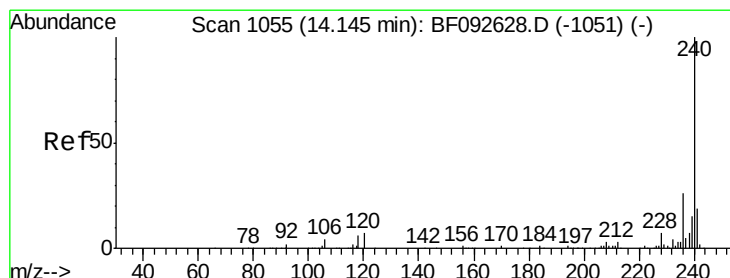
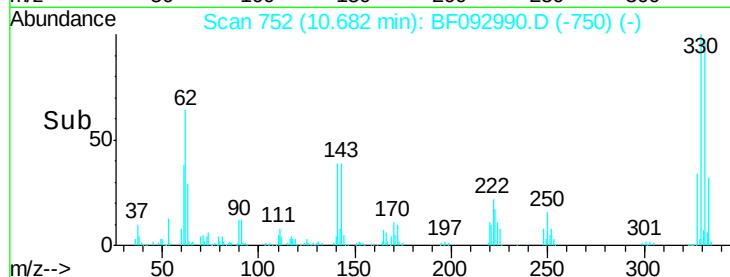
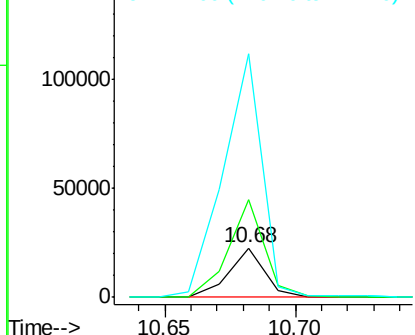
#66
4-Bromophenyl-phenylether
Concen: 3.83 ng
RT: 10.68 min Scan# 752
Delta R.T. -0.27 min
Lab File: BF092990.D
Acq: 16 Feb 2017 19:31

Instrument :
BNA_F
ClientSampleId :
TP21-COMP15

Tgt Ion:248 Resp: 21994
Ion Ratio Lower Upper
248 100
250 197.1 76.9 115.3#
141 494.1 68.2 102.4#

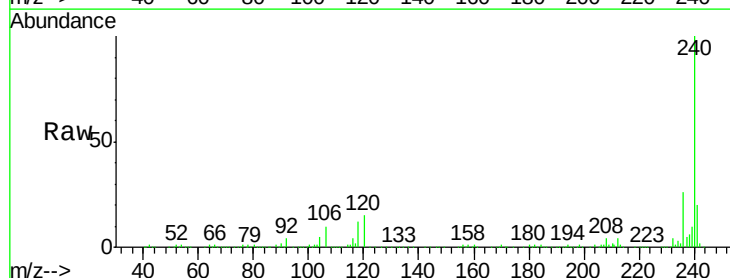


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

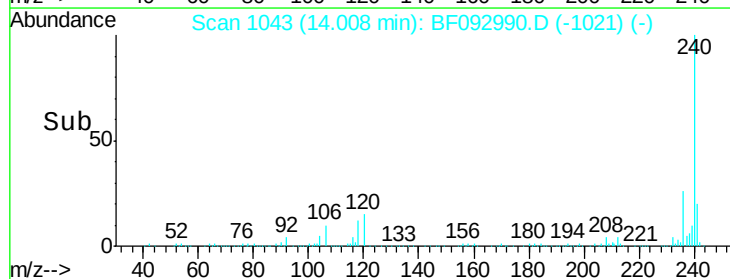
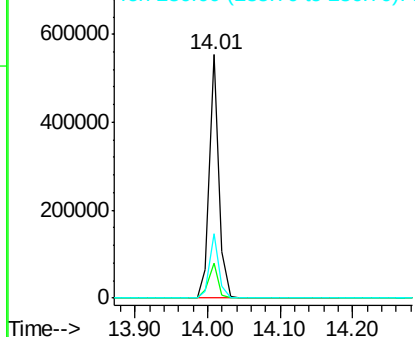


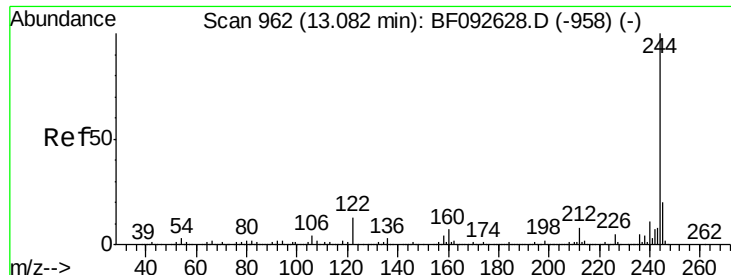
#75
Chrysene-d12
Concen: 20.00 ng
RT: 14.01 min Scan# 1043
Delta R.T. -0.05 min
Lab File: BF092990.D
Acq: 16 Feb 2017 19:31

Tgt Ion:240 Resp: 506177
Ion Ratio Lower Upper
240 100
120 14.6 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: 77.02 ng

RT: 12.97 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF092990.D

Acq: 16 Feb 2017 19:31

Instrument :

BNA_F

ClientSampleId :

TP21-COMP15

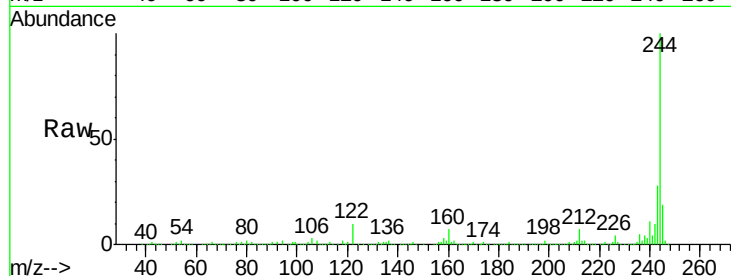
Tgt Ion:244 Resp: 1659208

Ion Ratio Lower Upper

244 100

212 7.4 6.2 9.2

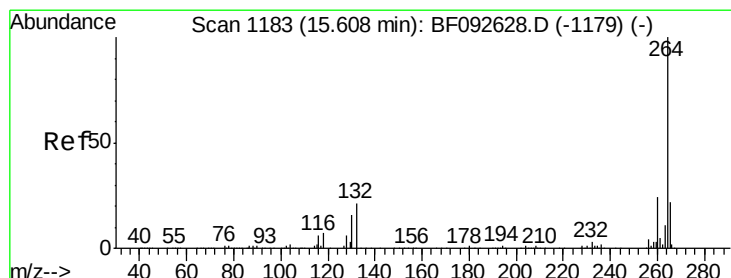
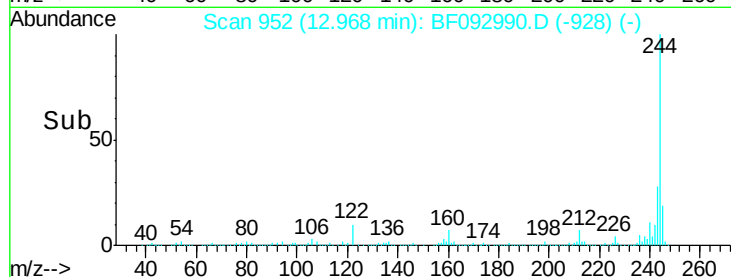
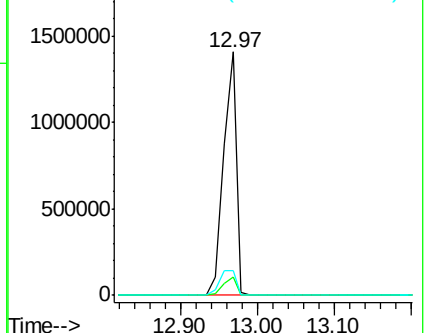
122 10.3 11.4 17.2#



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: 15.44 min Scan# 1168

Delta R.T. -0.05 min

Lab File: BF092990.D

Acq: 16 Feb 2017 19:31

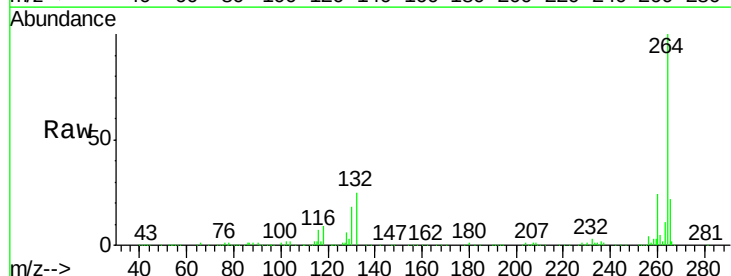
Tgt Ion:264 Resp: 429438

Ion Ratio Lower Upper

264 100

260 24.4 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

