

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011317\
 Data File : BF092263.D
 Acq On : 14 Jan 2017 1:14
 Operator : UM/SJ
 Sample : I1031-11
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0026

Quant Time: Jan 16 01:30:23 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 16 01:02:36 2017
 Response via : Initial Calibration

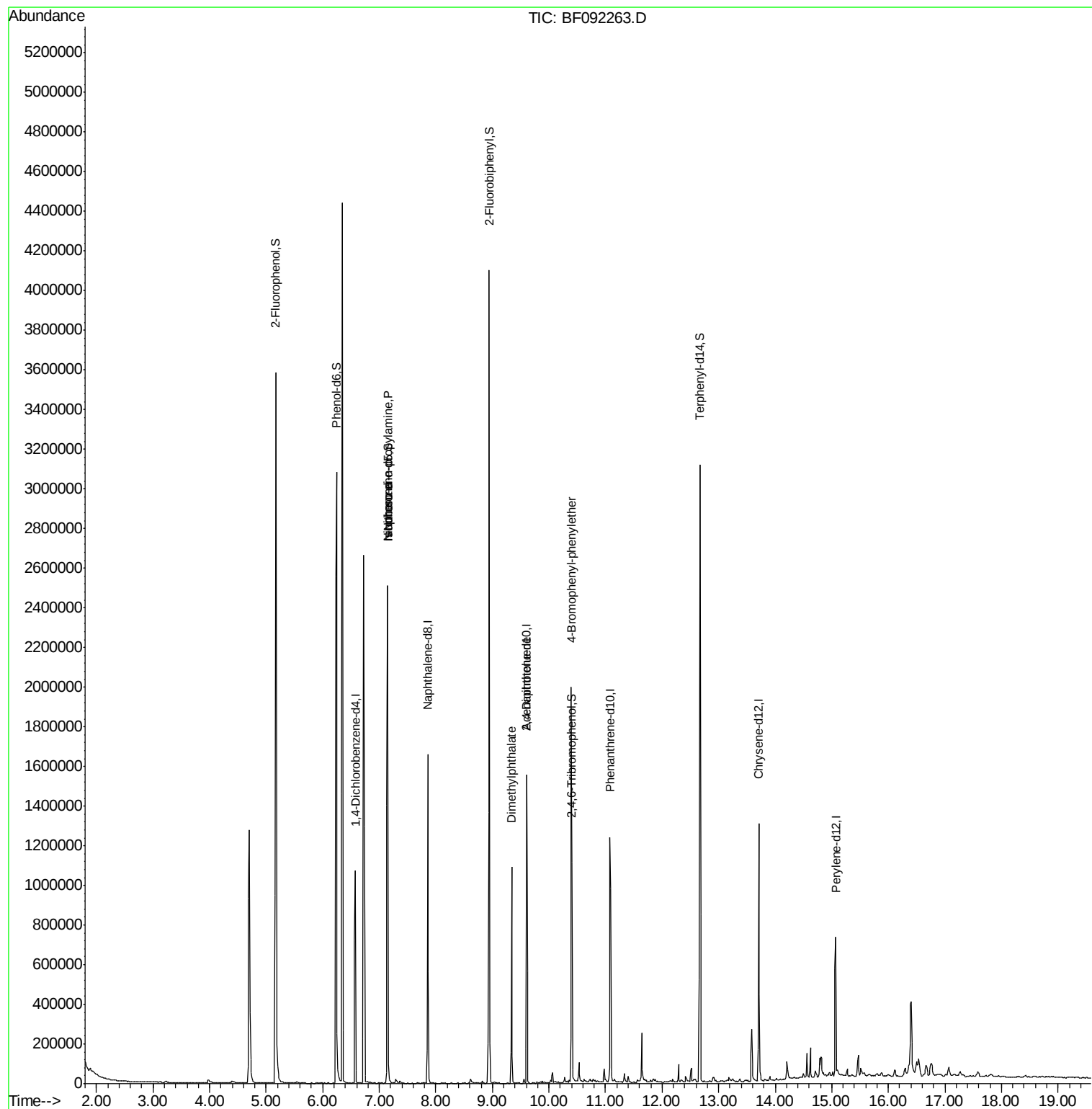
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.58	152	219089	20.00	ng	-0.01
21) Naphthalene-d8	7.86	136	836338	20.00	ng	-0.02
38) Acenaphthene-d10	9.60	164	376007	20.00	ng	-0.02
63) Phenanthrene-d10	11.08	188	637101	20.00	ng	-0.02
75) Chrysene-d12	13.71	240	457715	20.00	ng	-0.02
86) Perylene-d12	15.07	264	351275	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.17	112	1099798	83.82	ng	0.00
7) Phenol-d6	6.24	99	1543950	96.38	ng	-0.01
23) Nitrobenzene-d5	7.15	82	1009412	67.11	ng	-0.01
41) 2,4,6-Tribromophenol	10.40	330	304953	98.00	ng	-0.01
44) 2-Fluorobiphenyl	8.94	172	1357854	72.02	ng	-0.01
78) Terphenyl-d14	12.67	244	1019142	54.00	ng	-0.02
Target Compounds						
9) Benzaldehyde	6.24	77	2190	Below Cal	#	1
19) n-Nitroso-di-n-propylamine	7.15	70	133056	12.48 ng	#	75
25) Isophorone	7.15	82	994164	35.83 ng	#	65
37) 2-Methylnaphthalene	8.58	142	958	Below Cal		94
49) Dimethylphthalate	9.34	163	432134	17.97 ng		98
56) 2,4-Dinitrotoluene	9.60	165	48412	7.33 ng	#	20
66) 4-Bromophenyl-phenylether	10.39	248	18581	2.80 ng	#	1
71) Anthracene	11.11	178	13487	Below Cal		99
73) Di-n-butylphthalate	11.66	149	5380	Below Cal	#	93
74) Fluoranthene	12.29	202	35431	Below Cal		95

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

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QLast Update : Mon Jan 16 01:02:36 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.58 min Scan# 419

Delta R.T. -0.01 min

Lab File: BF092263.D

Acq: 14 Jan 2017 1:14

Instrument :

BNA_F

ClientSampleId :

COMP-0026

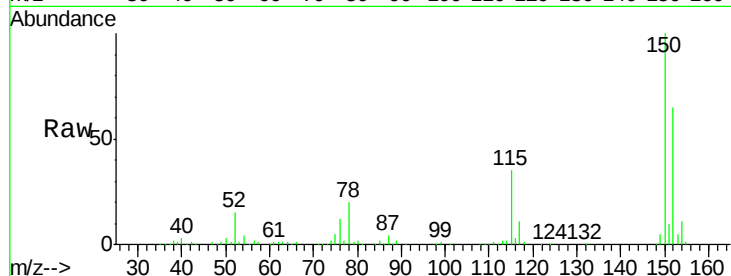
Tgt Ion:152 Resp: 219089

Ion Ratio Lower Upper

152 100

150 153.7 124.9 187.3

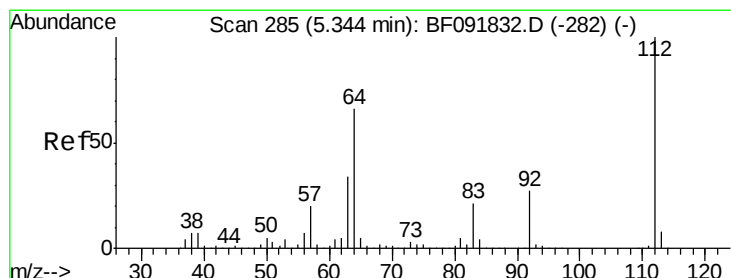
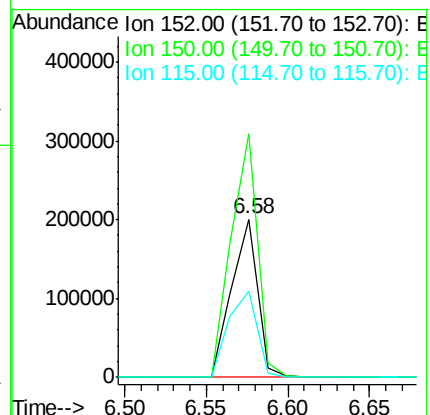
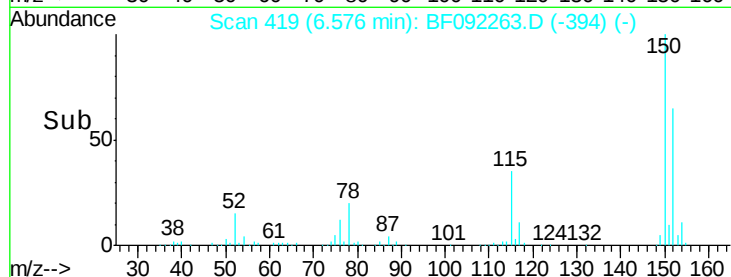
115 54.3 46.0 69.0



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: 83.82 ng

RT: 5.17 min Scan# 296

Delta R.T. 0.00 min

Lab File: BF092263.D

Acq: 14 Jan 2017 1:14

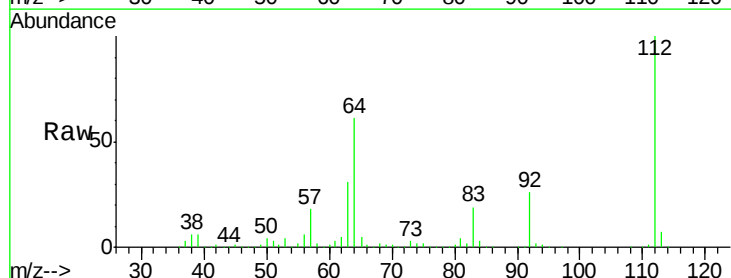
Tgt Ion:112 Resp: 1099798

Ion Ratio Lower Upper

112 100

64 61.3 46.1 69.1

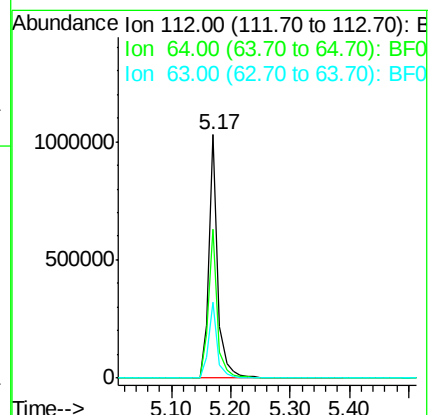
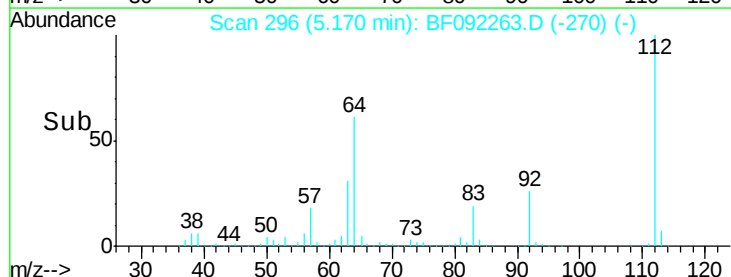
63 31.3 23.8 35.6

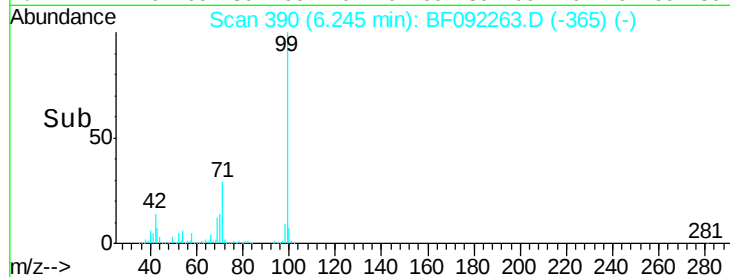
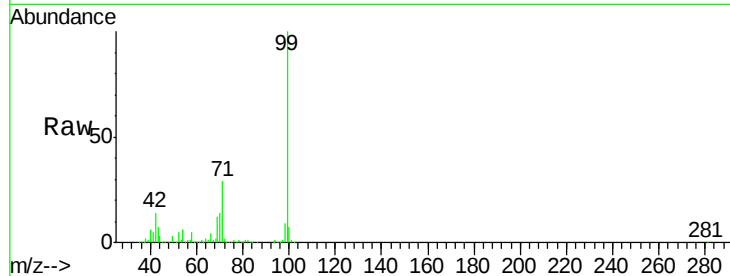


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 96.38 ng

RT: 6.24 min Scan# 390

Delta R.T. -0.01 min

Lab File: BF092263.D

Acq: 14 Jan 2017 1:14

Instrument :

BNA_F

ClientSampleId :

COMP-0026

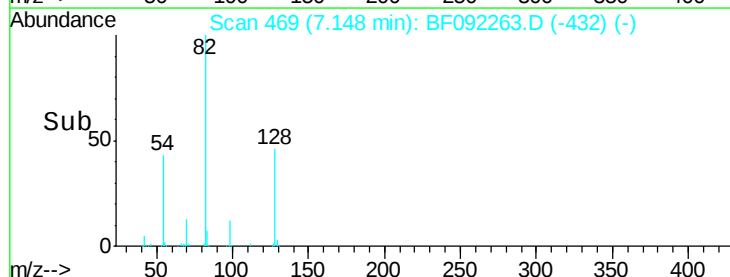
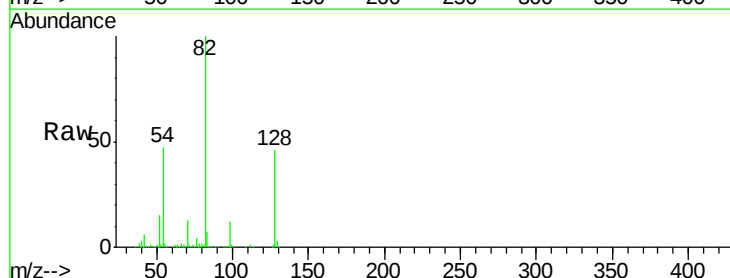
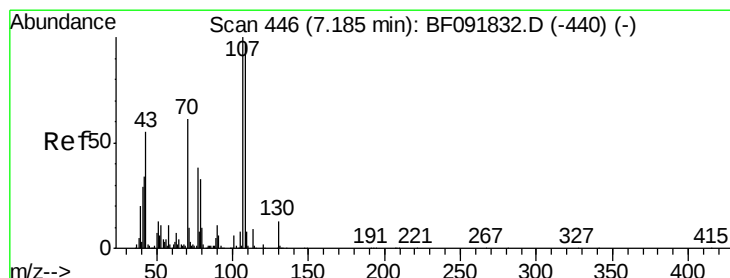
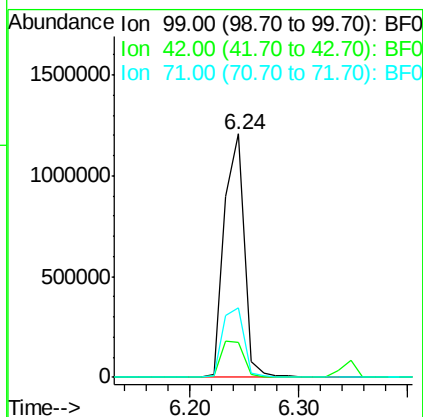
Tgt Ion: 99 Resp: 1543950

Ion Ratio Lower Upper

99 100

42 14.1 15.6 23.4#

71 28.7 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 12.48 ng

RT: 7.15 min Scan# 469

Delta R.T. 0.13 min

Lab File: BF092263.D

Acq: 14 Jan 2017 1:14

Tgt Ion: 70 Resp: 133056

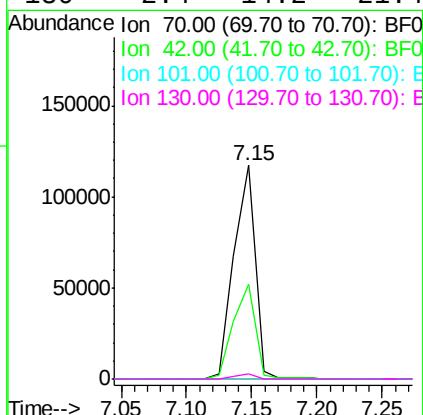
Ion Ratio Lower Upper

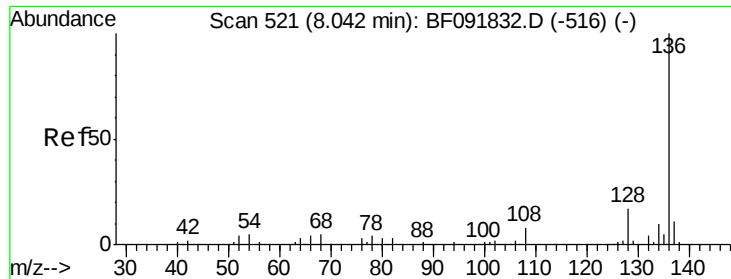
70 100

42 44.4 49.4 74.0#

101 0.0 7.4 11.2#

130 2.4 14.2 21.4#

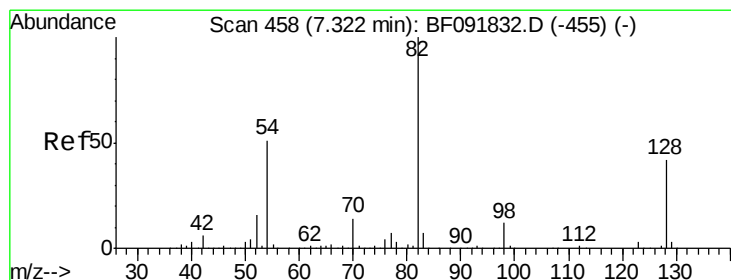
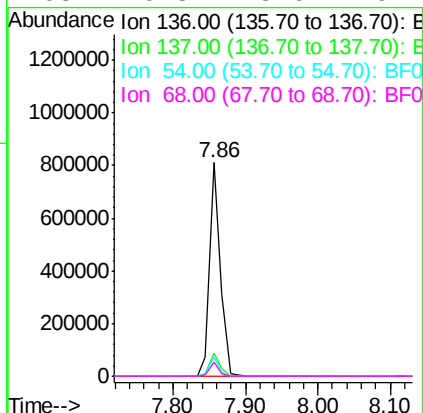
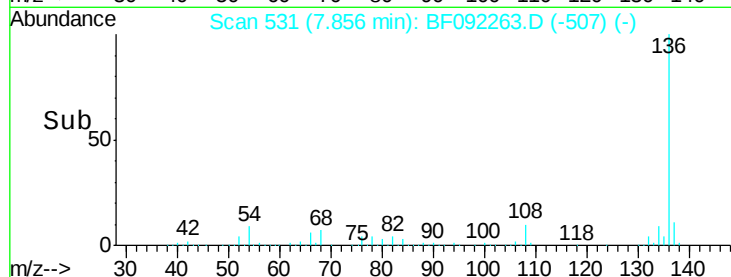
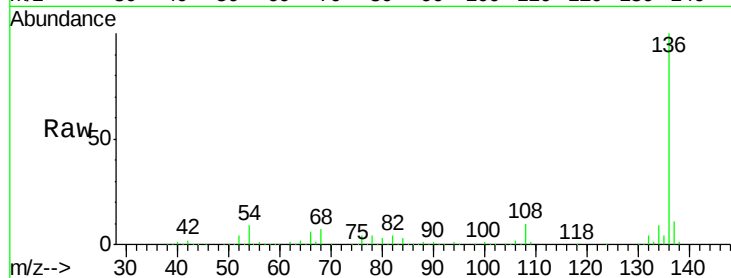




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.86 min Scan# 531
Delta R.T. -0.02 min
Lab File: BF092263.D
Acq: 14 Jan 2017 1:14

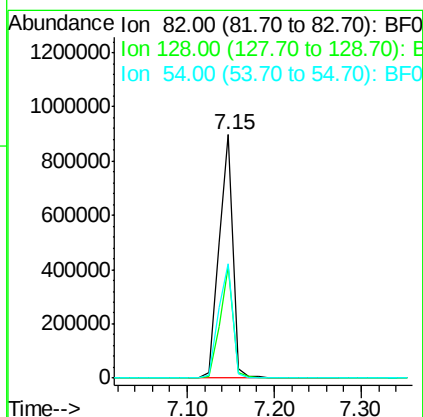
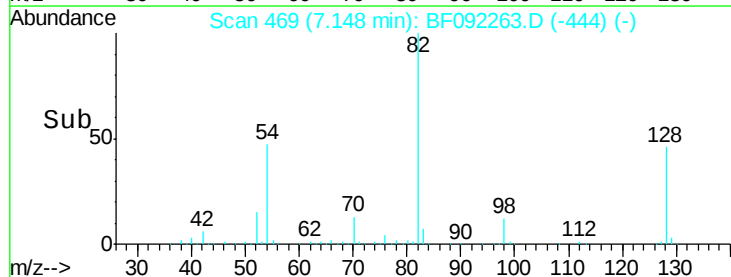
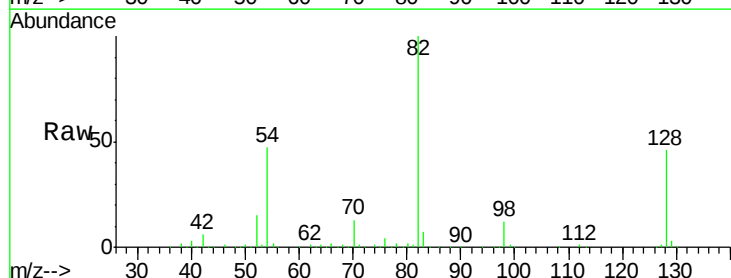
Instrument :
BNA_F
ClientSampleId :
COMP-0026

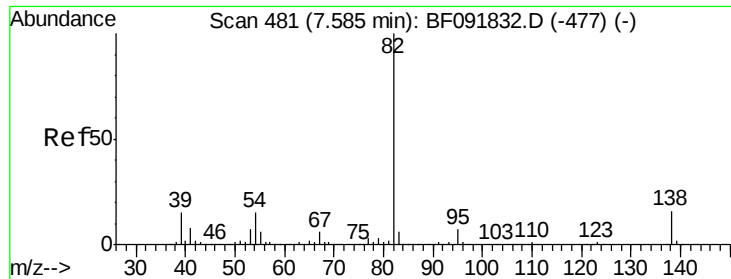
Tgt Ion:	136	Resp:	836338
Ion Ratio	Lower	Upper	
136	100		
137	11.1	8.4	12.6
54	8.8	4.5	6.7#
68	6.8	3.6	5.4#



#23
Nitrobenzene-d5
Concen: 67.11 ng
RT: 7.15 min Scan# 469
Delta R.T. -0.01 min
Lab File: BF092263.D
Acq: 14 Jan 2017 1:14

Tgt Ion:	82	Resp:	1009412
Ion Ratio	Lower	Upper	
82	100		
128	45.8	34.6	52.0
54	47.0	39.5	59.3





#25

Isophorone

Concen: 35.83 ng

RT: 7.15 min Scan# 469

Delta R.T. -0.27 min

Lab File: BF092263.D

Acq: 14 Jan 2017 1:14

Instrument :

BNA_F

ClientSampleId :

COMP-0026

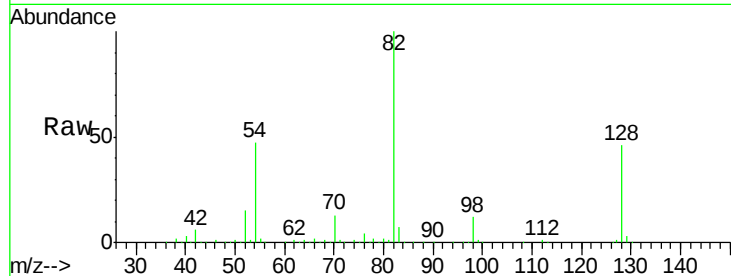
Tgt Ion: 82 Resp: 994164

Ion Ratio Lower Upper

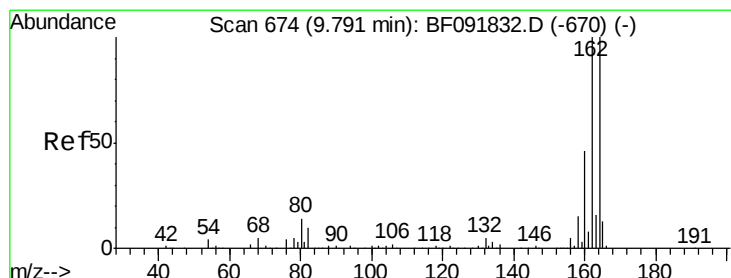
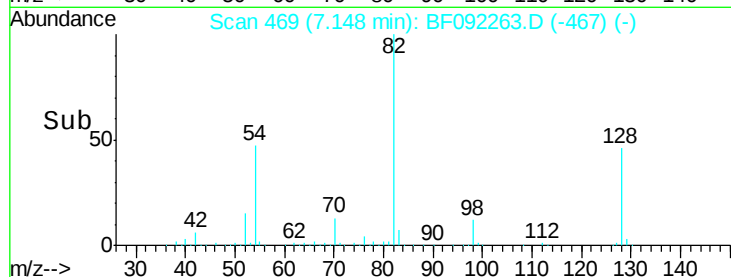
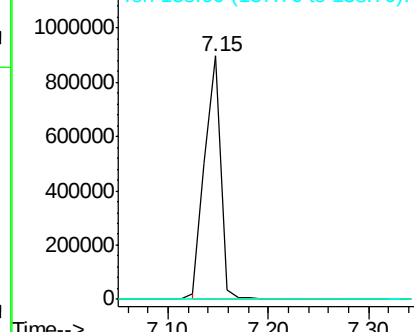
82 100

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: 9.60 min Scan# 684

Delta R.T. -0.02 min

Lab File: BF092263.D

Acq: 14 Jan 2017 1:14

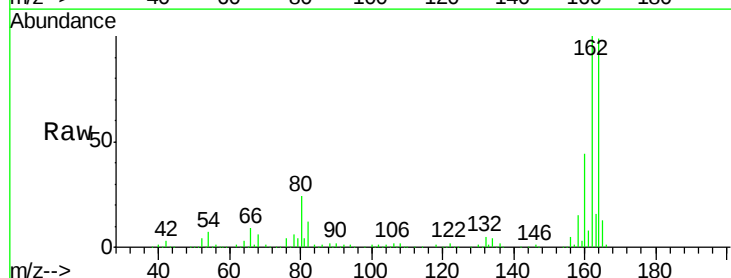
Tgt Ion: 164 Resp: 376007

Ion Ratio Lower Upper

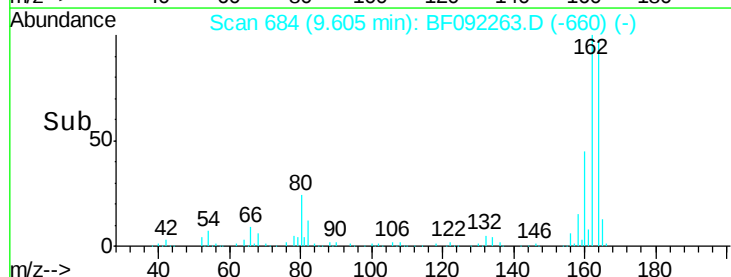
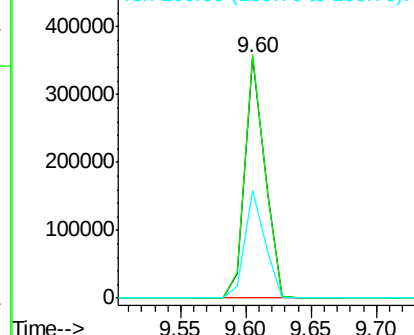
164 100

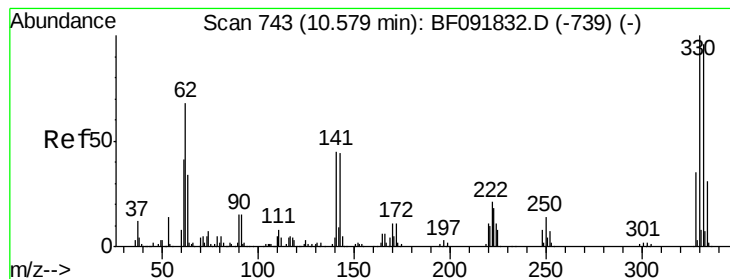
162 101.1 80.2 120.2

160 45.0 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

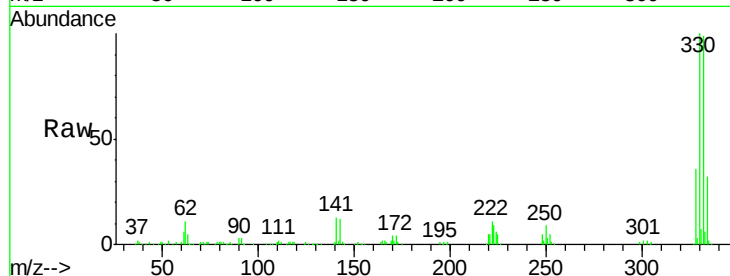




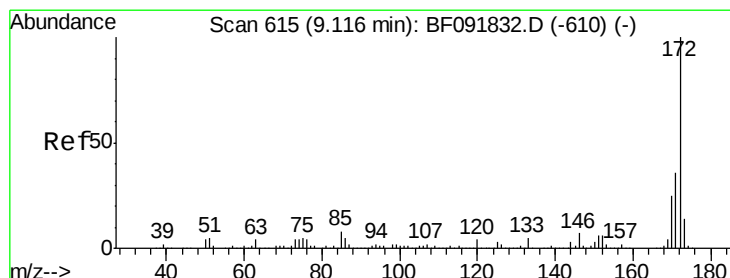
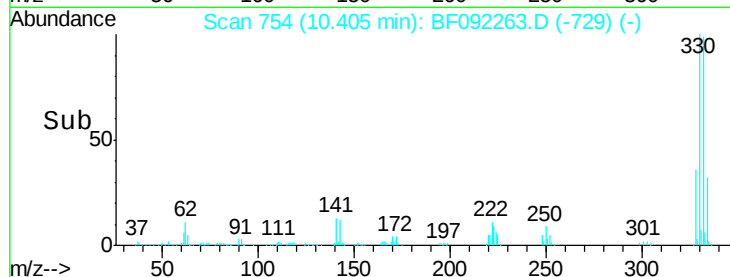
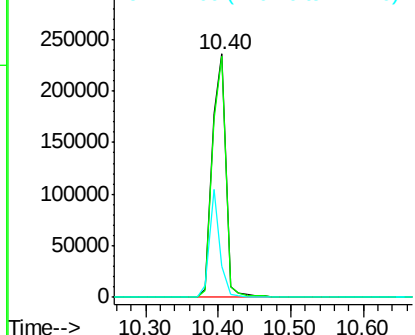
#41
 2,4,6-Tribromophenol
 Concen: 98.00 ng
 RT: 10.40 min Scan# 754
 Delta R.T. -0.01 min
 Lab File: BF092263.D
 Acq: 14 Jan 2017 1:14

Instrument :
 BNA_F
 ClientSampleId :
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Tgt Ion: 330 Resp: 304953
 Ion Ratio Lower Upper
 330 100
 332 98.2 77.4 116.2
 141 34.2 34.1 51.1

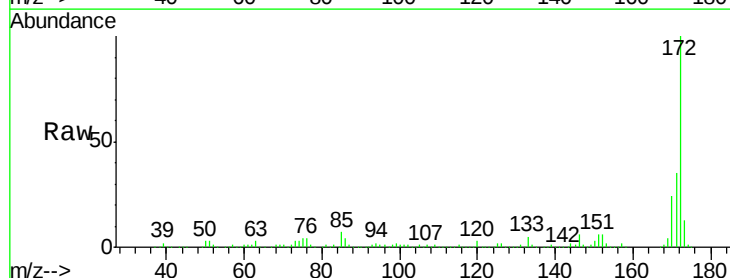


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

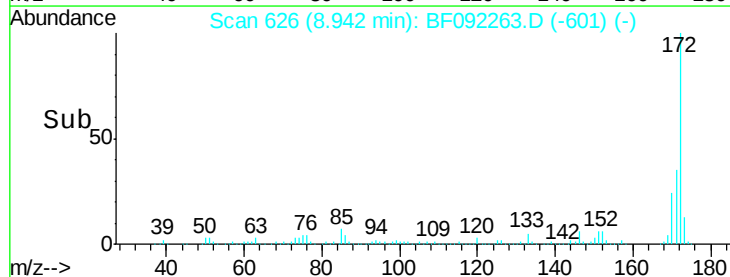
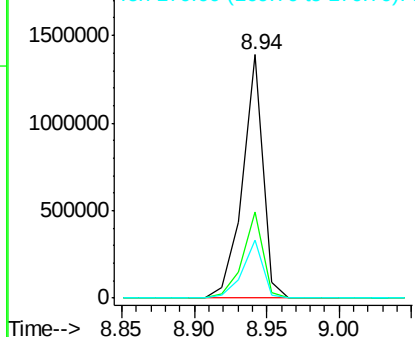


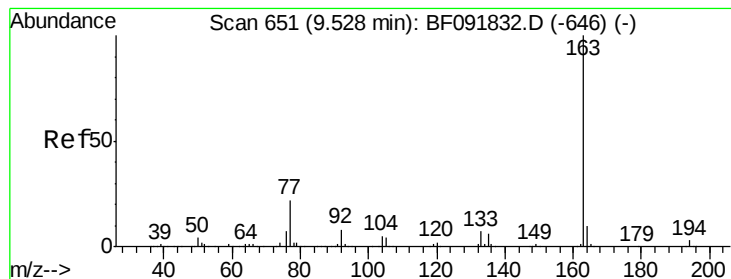
#44
 2-Fluorobiphenyl
 Concen: 72.02 ng
 RT: 8.94 min Scan# 626
 Delta R.T. -0.01 min
 Lab File: BF092263.D
 Acq: 14 Jan 2017 1:14

Tgt Ion: 172 Resp: 1357854
 Ion Ratio Lower Upper
 172 100
 171 35.3 29.4 44.0
 170 24.0 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: 17.97 ng

RT: 9.34 min Scan# 661

Delta R.T. -0.02 min

Lab File: BF092263.D

Acq: 14 Jan 2017 1:14

Instrument :

BNA_F

ClientSampleId :

COMP-0026

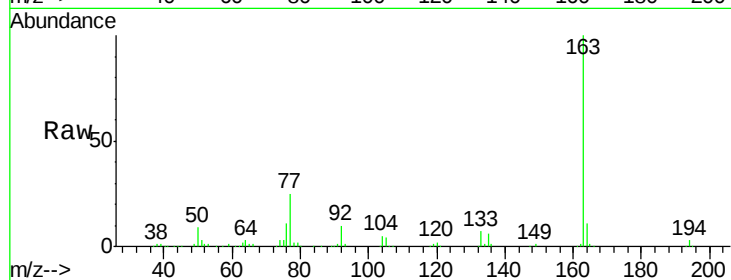
Tgt Ion:163 Resp: 432134

Ion Ratio Lower Upper

163 100

194 3.1 3.0 4.4

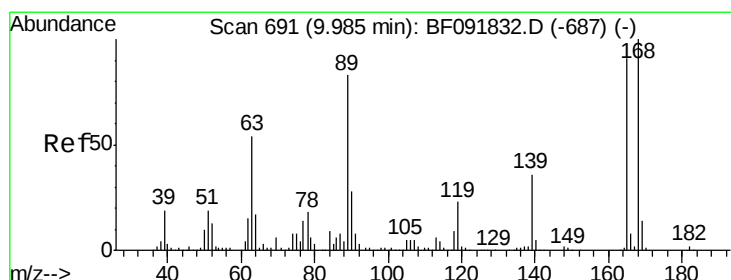
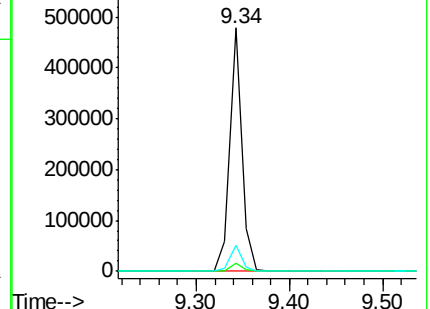
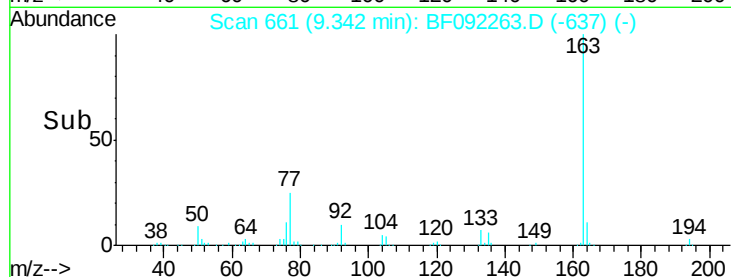
164 10.6 8.0 12.0



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



#56

2,4-Dinitrotoluene

Concen: 7.33 ng

RT: 9.60 min Scan# 684

Delta R.T. -0.23 min

Lab File: BF092263.D

Acq: 14 Jan 2017 1:14

Tgt Ion:165 Resp: 48412

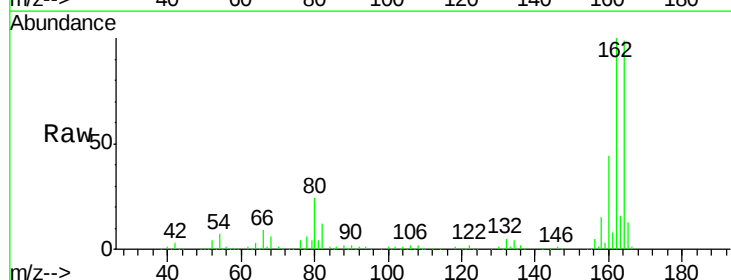
Ion Ratio Lower Upper

165 100

63 1.1 40.2 60.4#

89 1.1 62.5 93.7#

182 0.0 1.8 2.8#

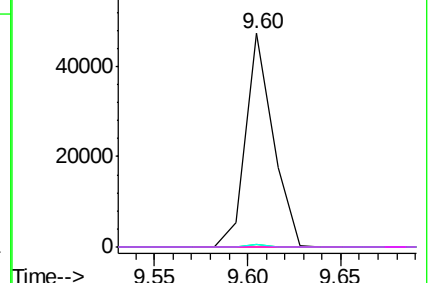
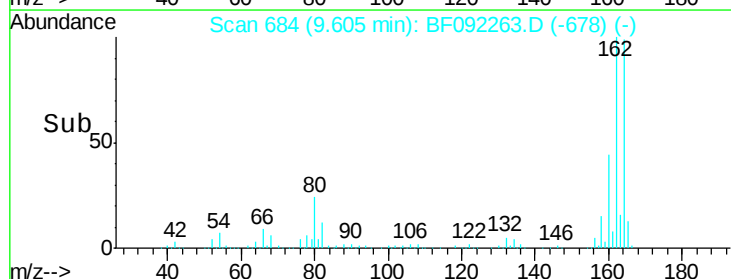


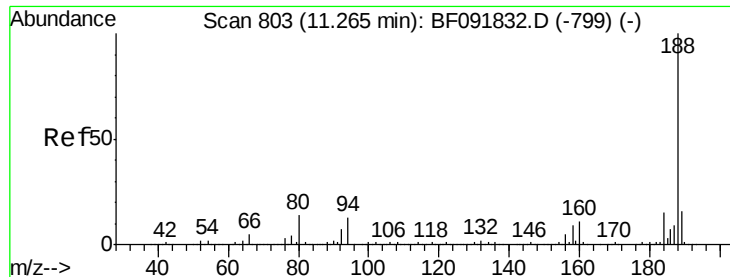
Abundance Ion 165.00 (164.70 to 165.70): E

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

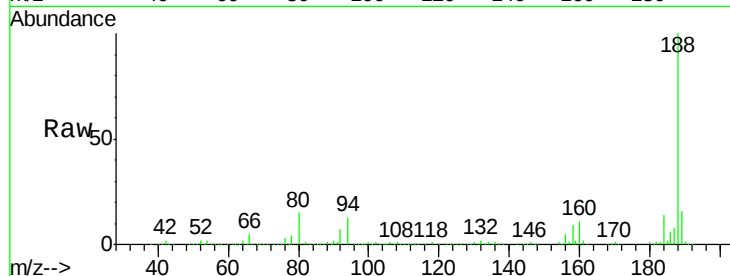




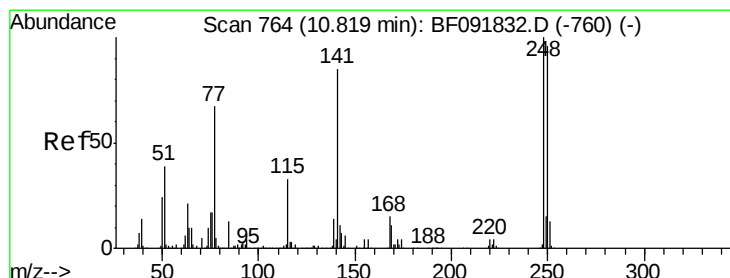
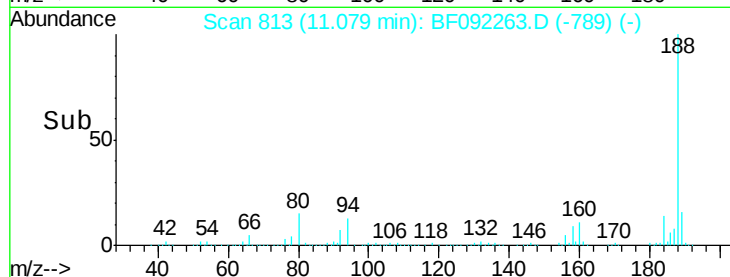
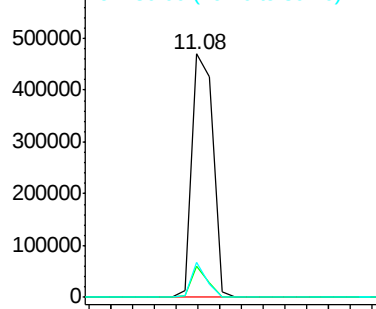
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.08 min Scan# 813
Delta R.T. -0.02 min
Lab File: BF092263.D
Acq: 14 Jan 2017 1:14

Instrument :
BNA_F
ClientSampleId :
COMP-0026

Tgt Ion:188 Resp: 637101
Ion Ratio Lower Upper
188 100
94 13.0 10.0 15.0
80 14.6 11.2 16.8

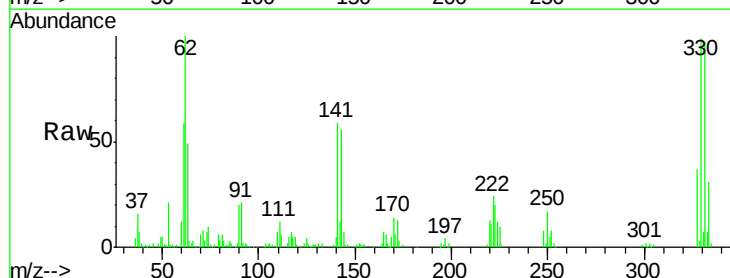


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

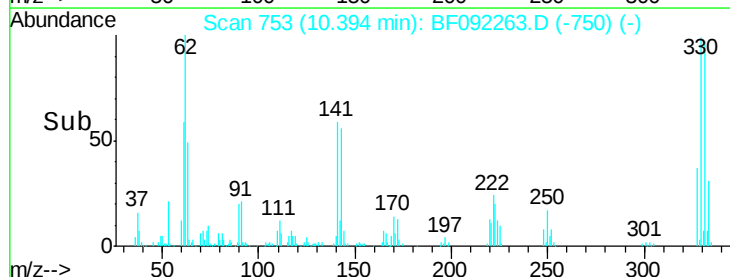
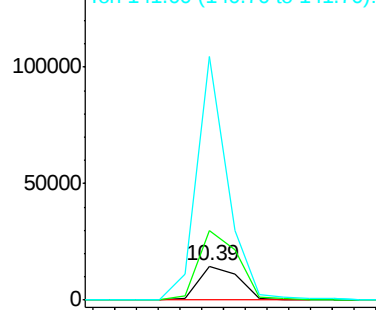


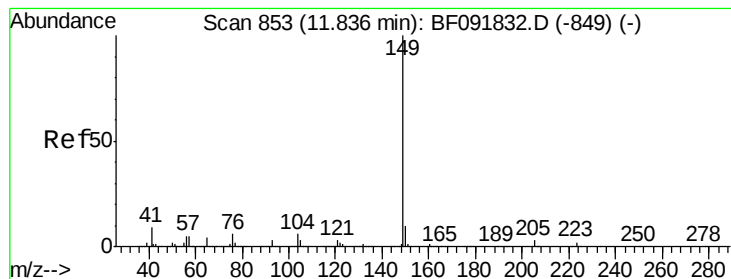
#66
4-Bromophenyl-phenylether
Concen: 2.80 ng
RT: 10.39 min Scan# 753
Delta R.T. -0.26 min
Lab File: BF092263.D
Acq: 14 Jan 2017 1:14

Tgt Ion:248 Resp: 18581
Ion Ratio Lower Upper
248 100
250 205.2 76.9 115.3#
141 717.8 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





#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.66 min Scan# 864

Delta R.T. -0.02 min

Lab File: BF092263.D

Acq: 14 Jan 2017 1:14

Instrument :

BNA_F

ClientSampleId :

COMP-0026

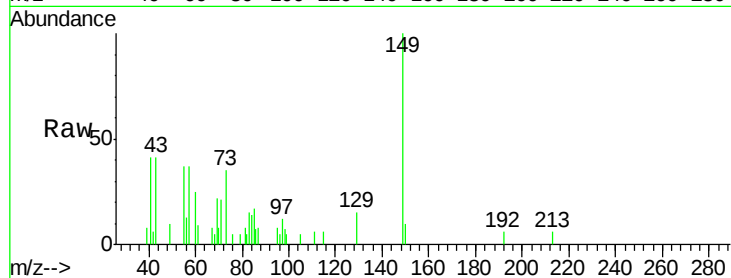
Tgt Ion:149 Resp: 5380

Ion Ratio Lower Upper

149 100

150 10.4 8.1 12.1

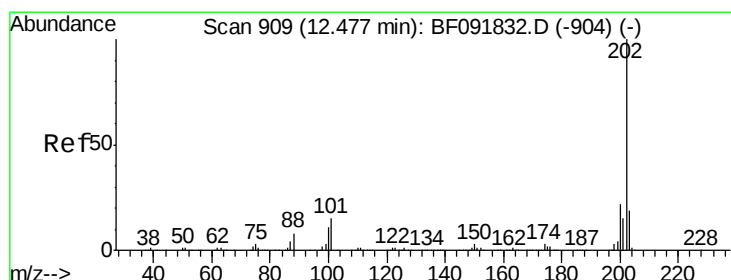
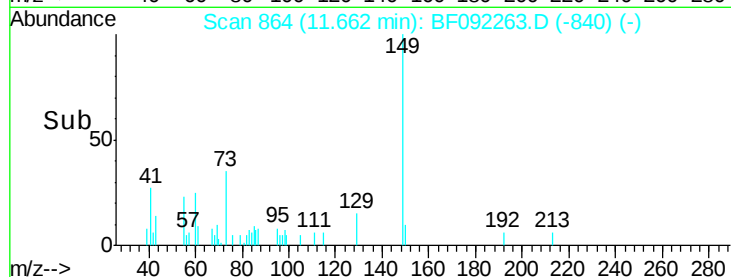
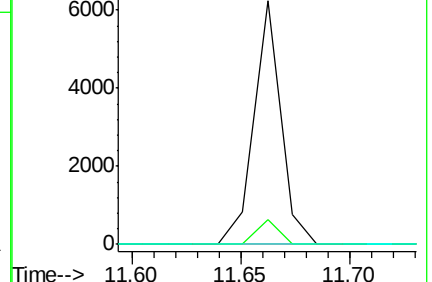
104 0.0 4.6 7.0#



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: Below Cal

RT: 12.29 min Scan# 919

Delta R.T. -0.01 min

Lab File: BF092263.D

Acq: 14 Jan 2017 1:14

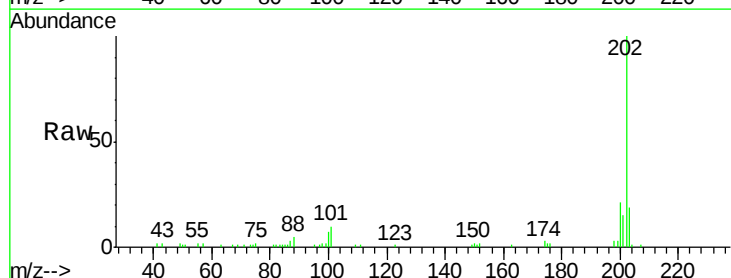
Tgt Ion:202 Resp: 35431

Ion Ratio Lower Upper

202 100

101 10.0 0.0 34.6

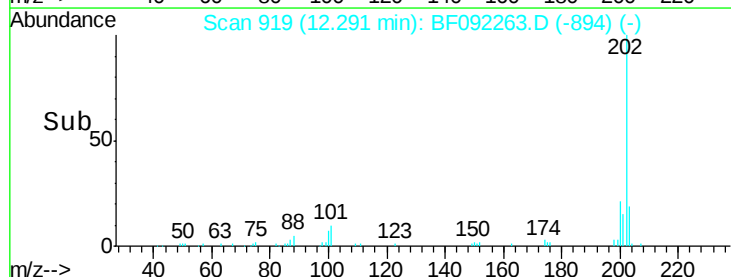
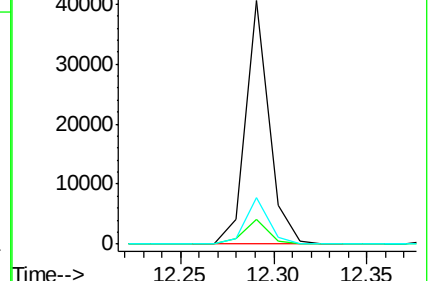
203 18.9 0.0 38.7

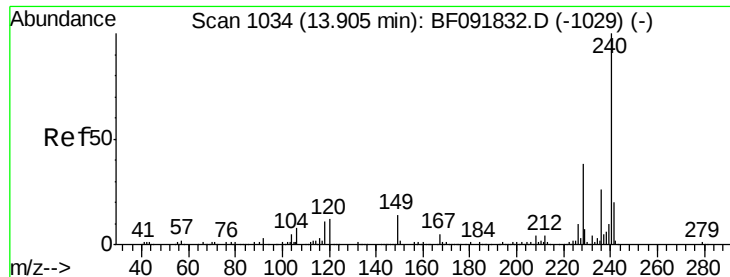


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 13.71 min Scan# 1043

Delta R.T. -0.02 min

Lab File: BF092263.D

Acq: 14 Jan 2017 1:14

Instrument :

BNA_F

ClientSampleId :

COMP-0026

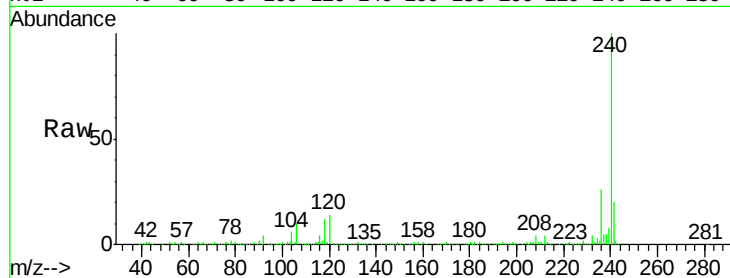
Tgt Ion:240 Resp: 457715

Ion Ratio Lower Upper

240 100

120 14.0 12.9 19.3

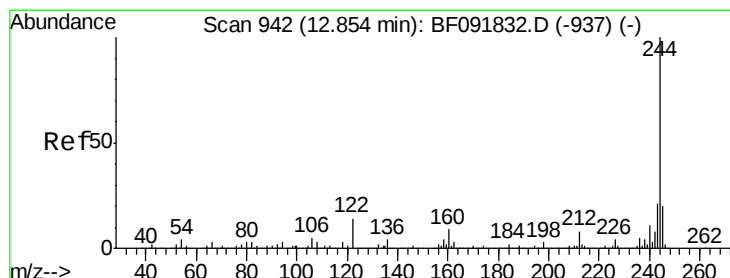
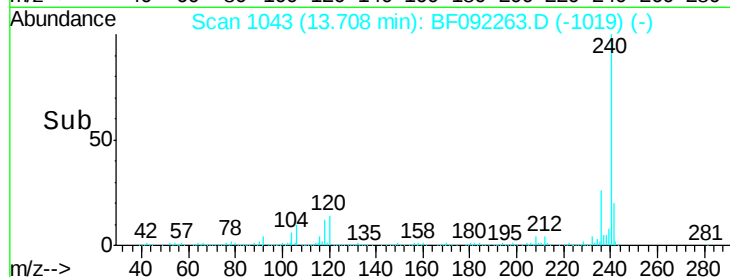
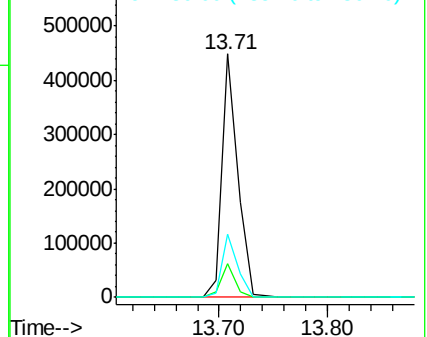
236 25.8 20.9 31.3



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: 54.00 ng

RT: 12.67 min Scan# 952

Delta R.T. -0.02 min

Lab File: BF092263.D

Acq: 14 Jan 2017 1:14

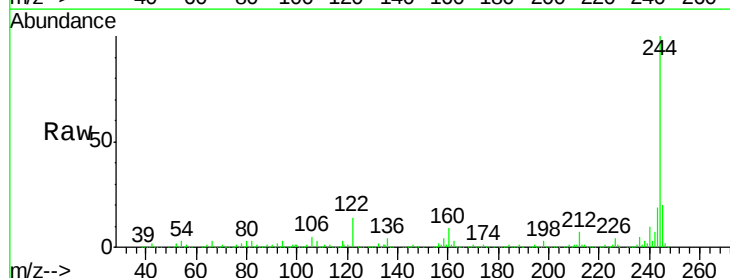
Tgt Ion:244 Resp: 1019142

Ion Ratio Lower Upper

244 100

212 7.3 6.2 9.2

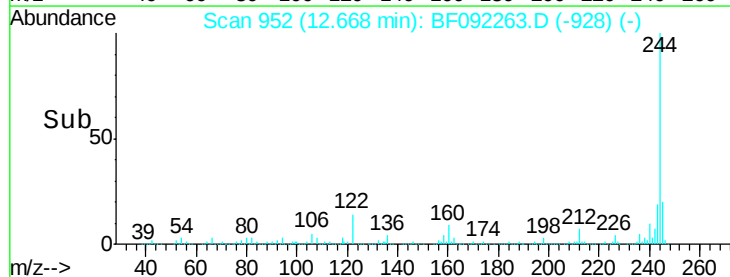
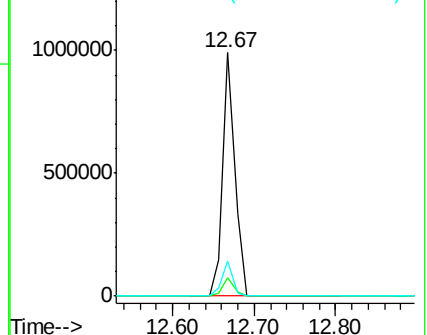
122 14.2 11.4 17.2

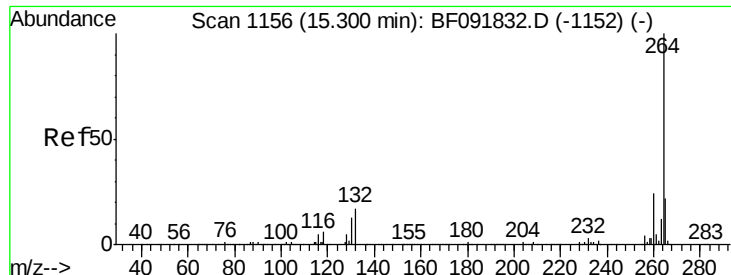


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

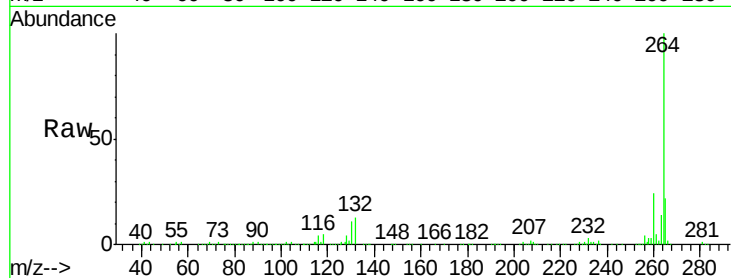




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.07 min Scan# 1162
Delta R.T. -0.02 min
Lab File: BF092263.D
Acq: 14 Jan 2017 1:14

Instrument :
BNA_F
ClientSampleId :
COMP-0026

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	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

