

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF010317\
 Data File : BF092065.D
 Acq On : 3 Jan 2017 17:21
 Operator : UM/SJ
 Sample : H6322-04
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9

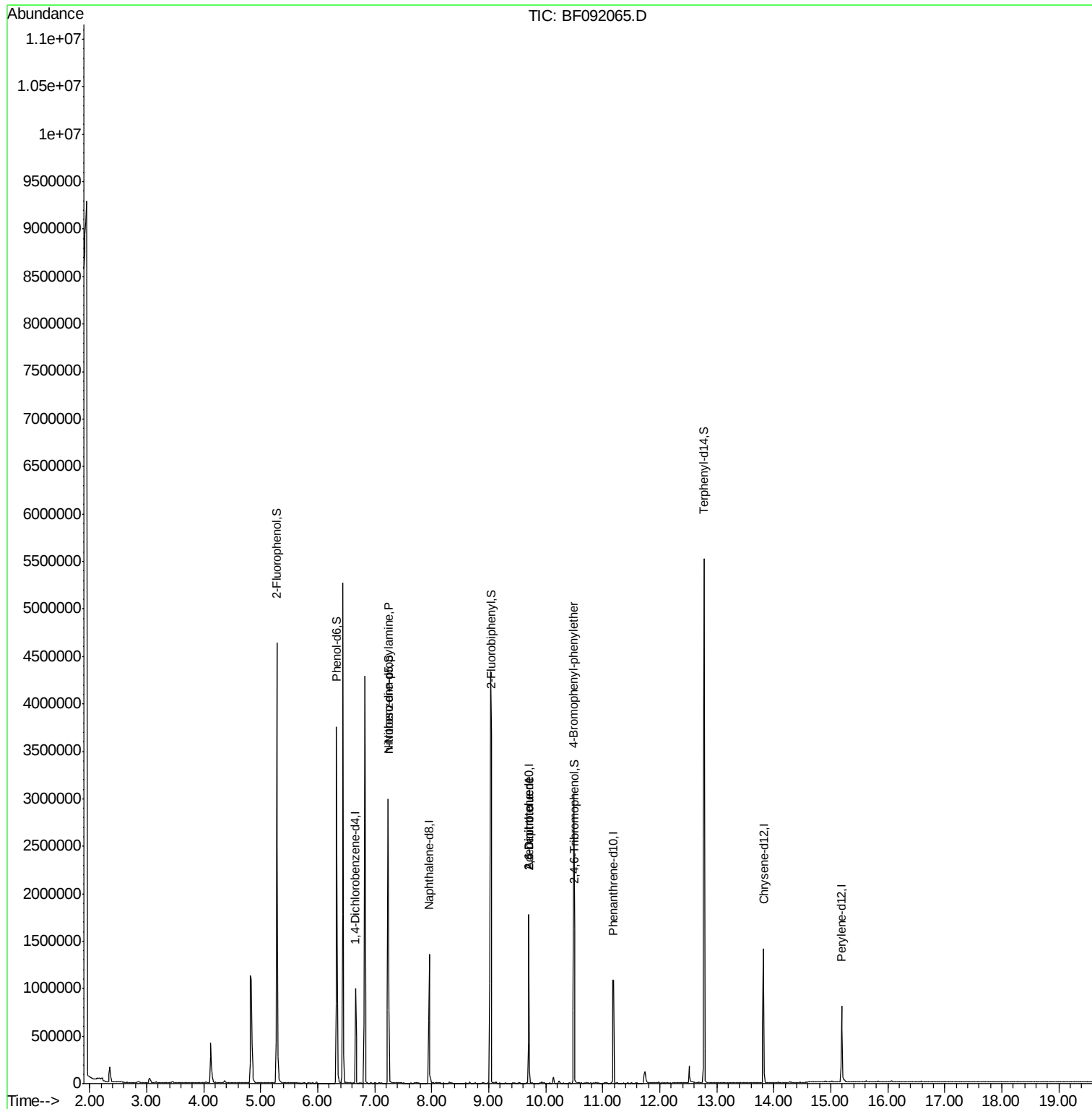
Quant Time: Jan 04 00:09:06 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 28 17:32:10 2016
 Response via : Initial Calibration

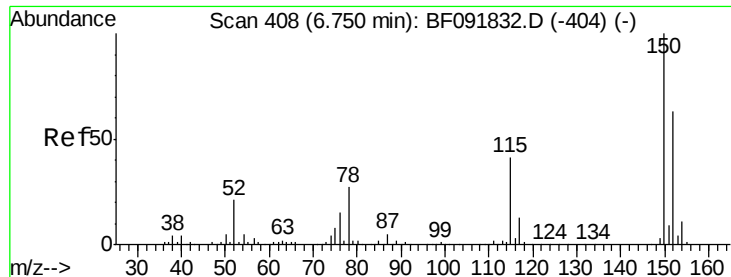
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.66	152	170793	20.00	ng	-0.04
21) Naphthalene-d8	7.96	136	722920	20.00	ng	-0.04
38) Acenaphthene-d10	9.70	164	381679	20.00	ng	-0.05
63) Phenanthrene-d10	11.19	188	615281	20.00	ng	-0.04
75) Chrysene-d12	13.82	240	535084	20.00	ng	-0.05
86) Perylene-d12	15.19	264	401373	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.28	112	1612945	157.69	ng	-0.04
7) Phenol-d6	6.33	99	1540953	123.39	ng	-0.05
23) Nitrobenzene-d5	7.24	82	1112911	85.60	ng	-0.05
41) 2,4,6-Tribromophenol	10.50	330	510904	161.75	ng	-0.04
44) 2-Fluorobiphenyl	9.04	172	2149330	120.82	ng	-0.04
78) Terphenyl-d14	12.78	244	1893673	85.83	ng	-0.04
Target Compounds						
19) n-Nitroso-di-n-propylamine	7.24	70	144463	17.39	ng	# 77
37) 2-Methylnaphthalene	8.66	142	5965	Below	Cal	97
50) 2,6-Dinitrotoluene	9.70	165	49156	9.20	ng	# 31
56) 2,4-Dinitrotoluene	9.70	165	49156	7.33	ng	# 20
66) 4-Bromophenyl-phenylether	10.49	248	30269	4.73	ng	# 1
71) Anthracene	11.26	178	280	Below	Cal	# 59
73) Di-n-butylphthalate	11.76	149	21078	Below	Cal	96
74) Fluoranthene	12.39	202	1479	Below	Cal	62

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

```
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ALS Vial  : 8 Sample Multiplier: 1
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Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Dec 28 17:32:10 2016
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.66 min Scan# 418

Delta R.T. -0.04 min

Lab File: BF092065.D

Acq: 3 Jan 2017 17:21

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9

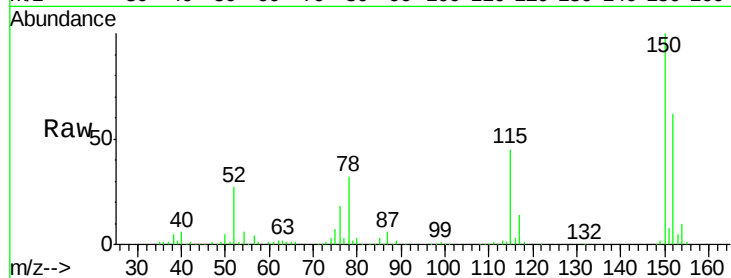
Tgt Ion:152 Resp: 170793

Ion Ratio Lower Upper

152 100

150 161.0 124.9 187.3

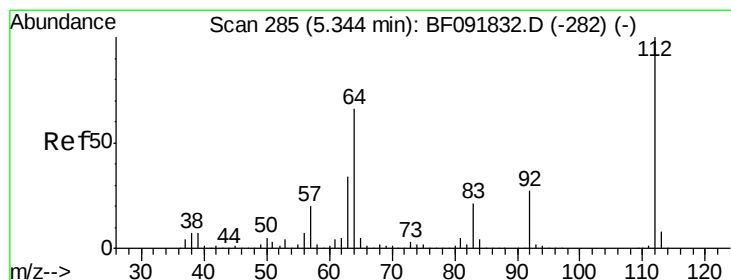
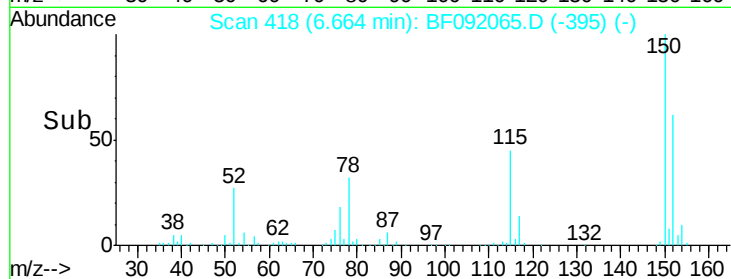
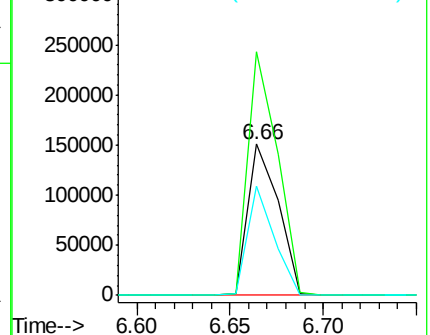
115 72.6 46.0 69.0#



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: 157.69 ng

RT: 5.28 min Scan# 297

Delta R.T. -0.04 min

Lab File: BF092065.D

Acq: 3 Jan 2017 17:21

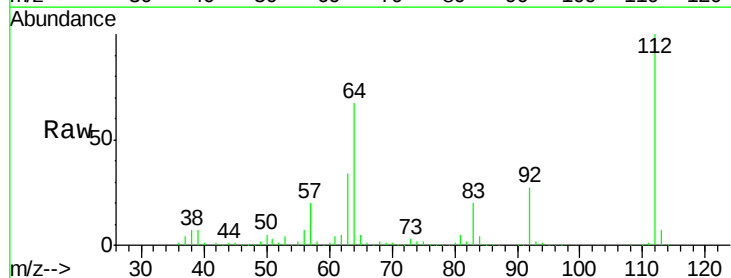
Tgt Ion:112 Resp: 1612945

Ion Ratio Lower Upper

112 100

64 67.2 46.1 69.1

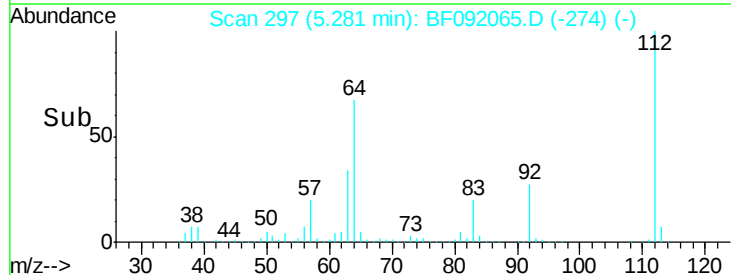
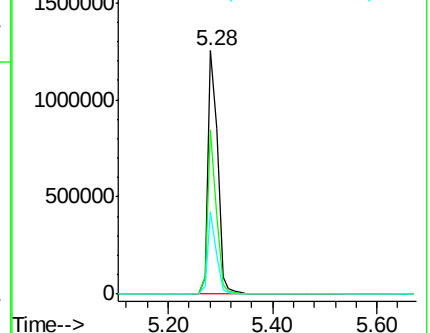
63 33.7 23.8 35.6

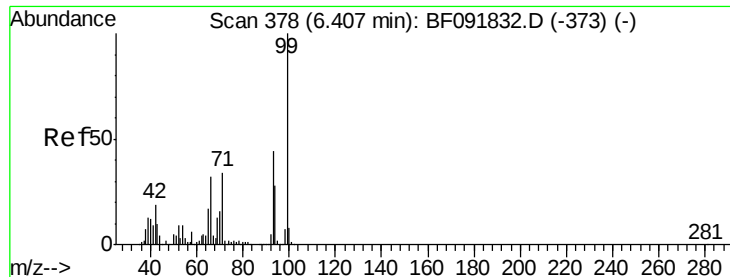


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 123.39 ng

RT: 6.33 min Scan# 389

Delta R.T. -0.05 min

Lab File: BF092065.D

Acq: 3 Jan 2017 17:21

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9

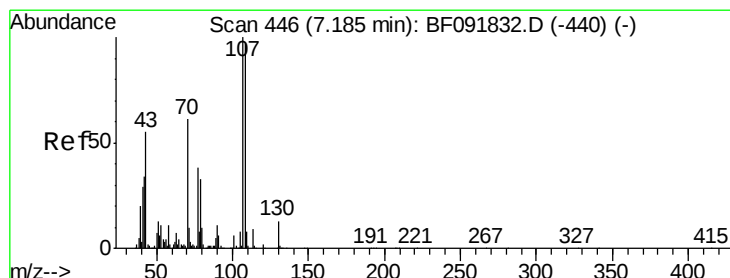
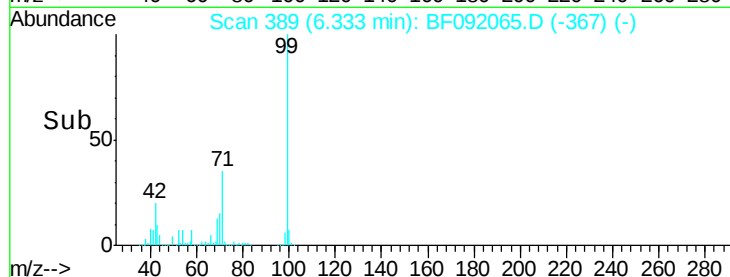
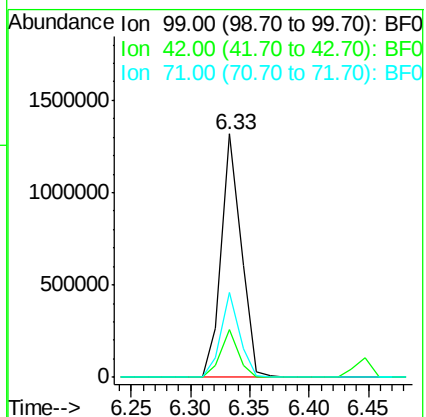
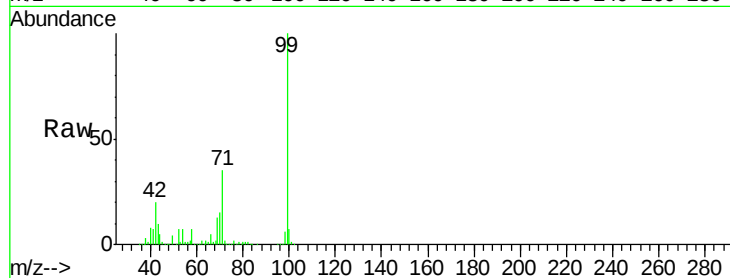
Tgt Ion: 99 Resp: 1540953

Ion Ratio Lower Upper

99 100

42 19.7 15.6 23.4

71 35.0 27.5 41.3



#19

n-Nitroso-di-n-propylamine

Concen: 17.39 ng

RT: 7.24 min Scan# 468

Delta R.T. 0.10 min

Lab File: BF092065.D

Acq: 3 Jan 2017 17:21

Tgt Ion: 70 Resp: 144463

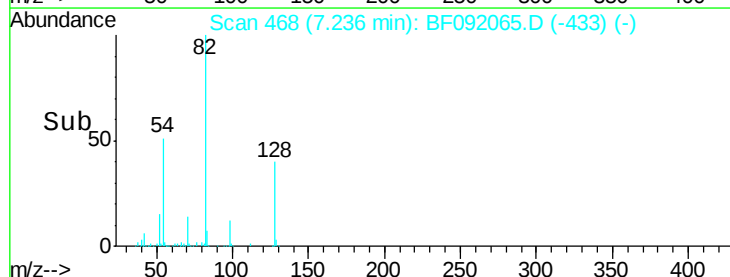
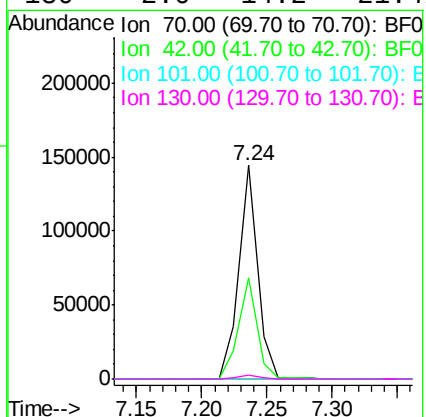
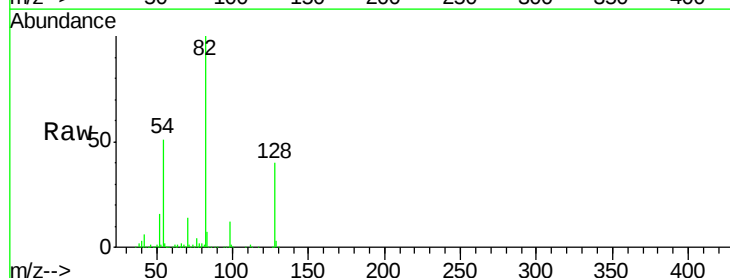
Ion Ratio Lower Upper

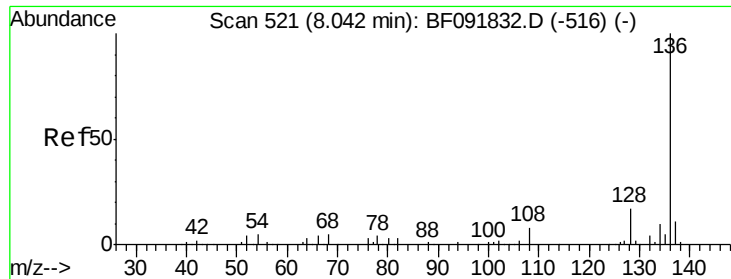
70 100

42 47.1 49.4 74.0#

101 0.0 7.4 11.2#

130 2.0 14.2 21.4#

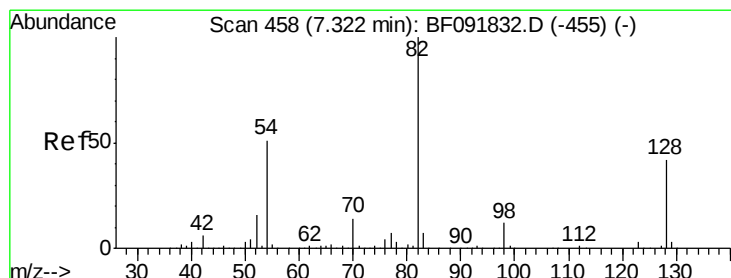
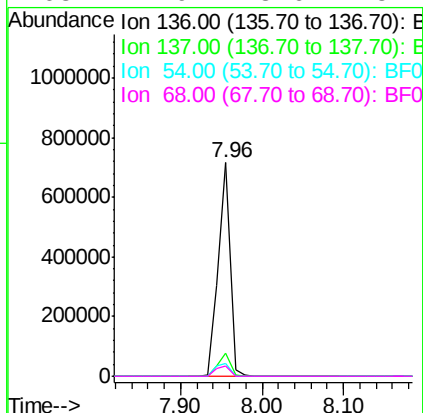
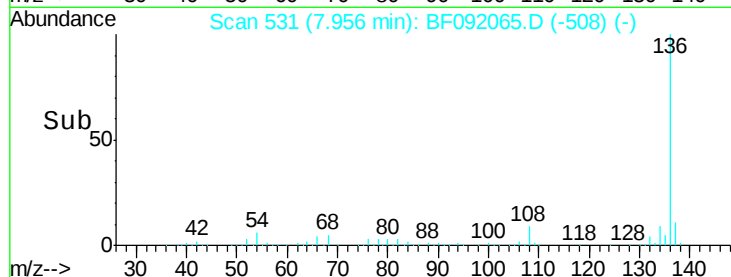
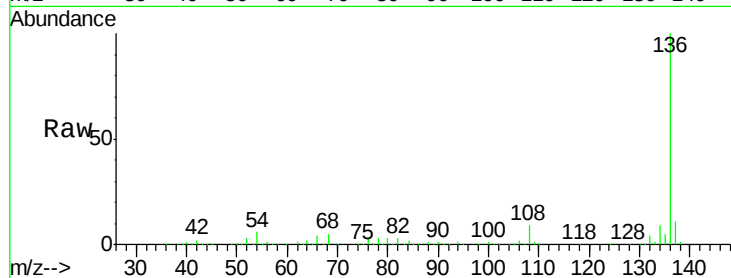




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.96 min Scan# 531
Delta R.T. -0.04 min
Lab File: BF092065.D
Acq: 3 Jan 2017 17:21

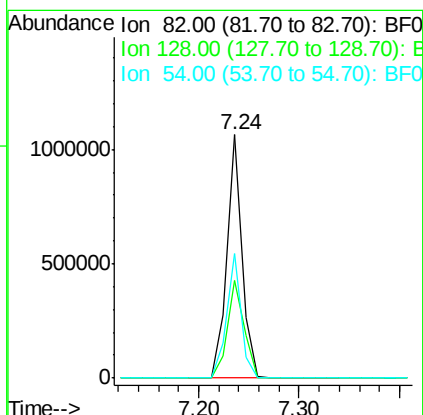
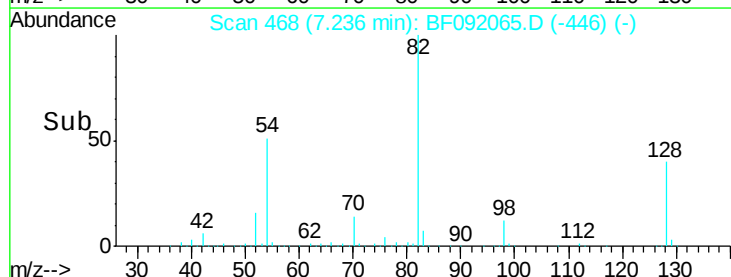
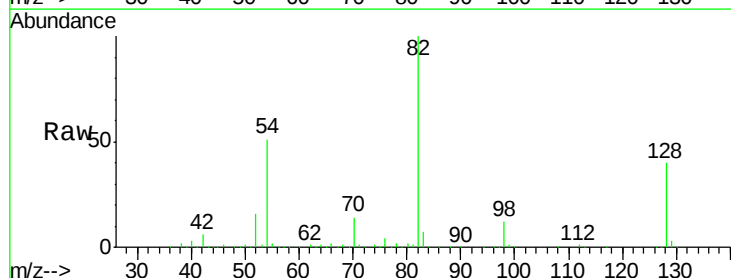
Instrument :
BNA_F
ClientSampleId :
TP9-COMP9

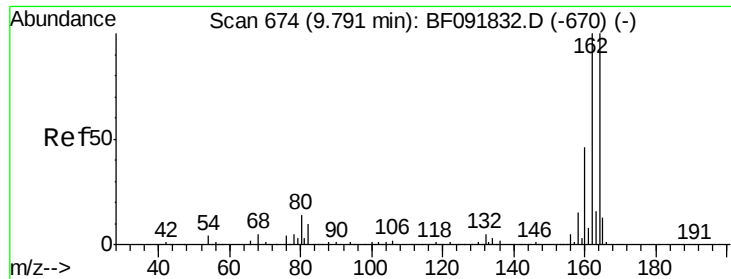
Tgt Ion:	136	Resp:	722920
Ion	Ratio	Lower	Upper
136	100		
137	10.8	8.4	12.6
54	6.2	4.5	6.7
68	4.9	3.6	5.4



#23
Nitrobenzene-d5
Concen: 85.60 ng
RT: 7.24 min Scan# 468
Delta R.T. -0.05 min
Lab File: BF092065.D
Acq: 3 Jan 2017 17:21

Tgt Ion:	82	Resp:	1112911
Ion	Ratio	Lower	Upper
82	100		
128	39.9	34.6	52.0
54	51.1	39.5	59.3





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.70 min Scan# 684

Delta R.T. -0.05 min

Lab File: BF092065.D

Acq: 3 Jan 2017 17:21

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9

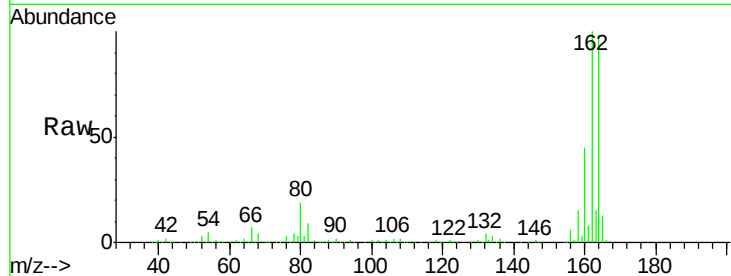
Tgt Ion:164 Resp: 381679

Ion Ratio Lower Upper

164 100

162 101.8 80.2 120.2

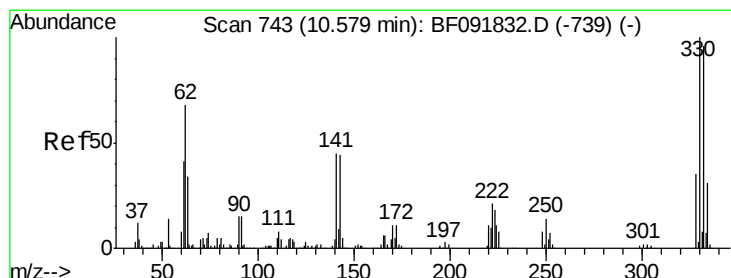
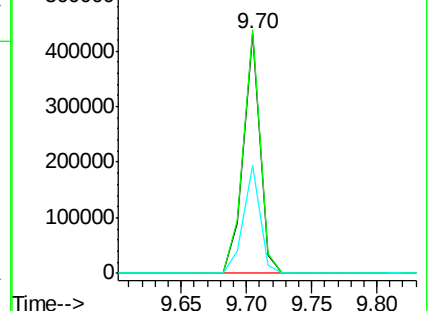
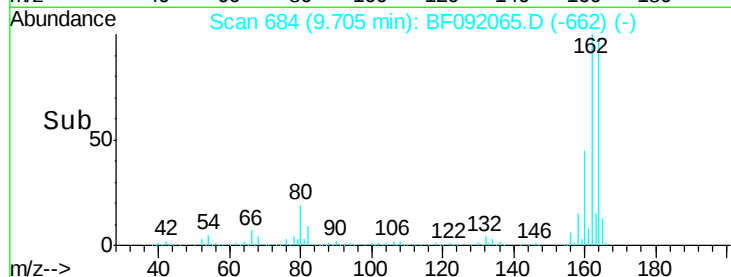
160 45.4 36.9 55.3



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: 161.75 ng

RT: 10.50 min Scan# 754

Delta R.T. -0.04 min

Lab File: BF092065.D

Acq: 3 Jan 2017 17:21

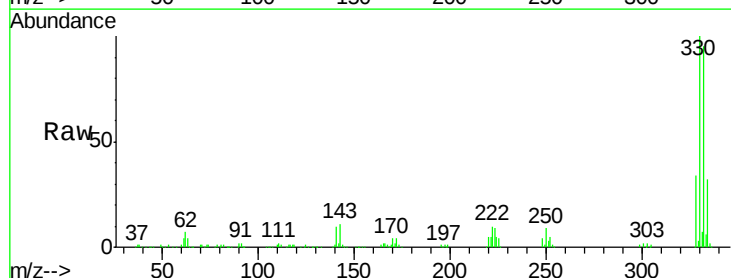
Tgt Ion:330 Resp: 510904

Ion Ratio Lower Upper

330 100

332 94.3 77.4 116.2

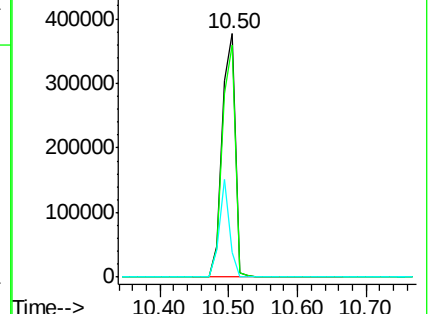
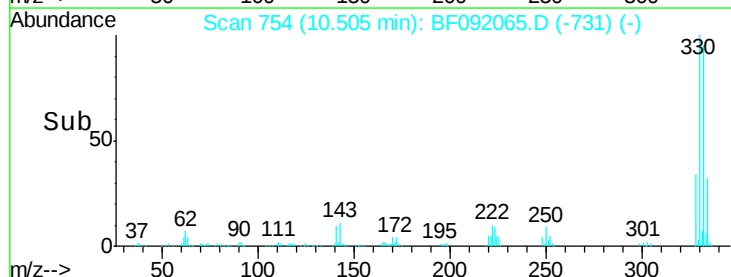
141 31.9 34.1 51.1#

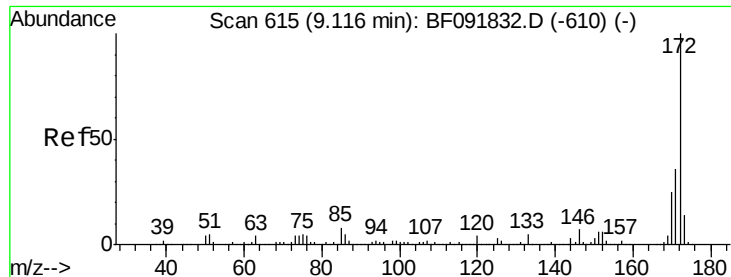


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

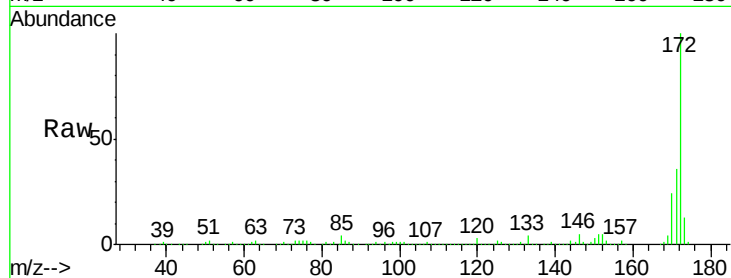




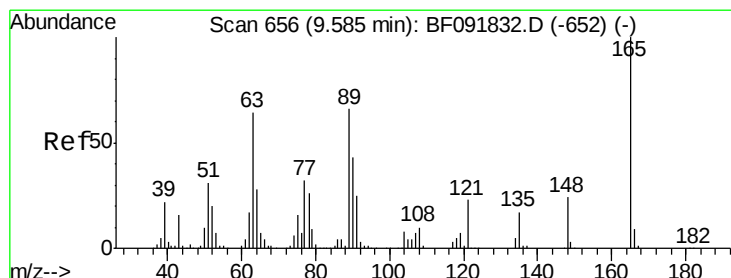
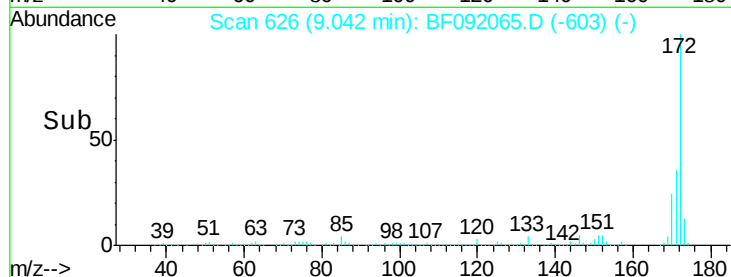
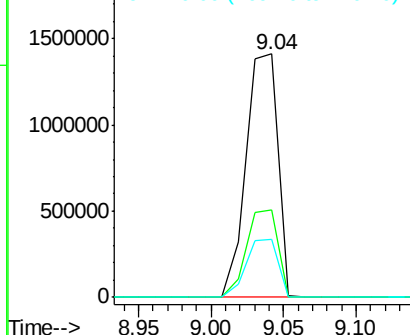
#44
 2-Fluorobiphenyl
 Concen: 120.82 ng
 RT: 9.04 min Scan# 626
 Delta R.T. -0.04 min
 Lab File: BF092065.D
 Acq: 3 Jan 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9

Tgt Ion:172 Resp: 2149330
 Ion Ratio Lower Upper
 172 100
 171 35.8 29.4 44.0
 170 23.9 20.2 30.4

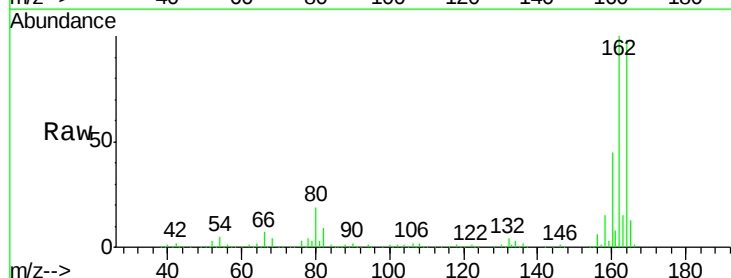


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

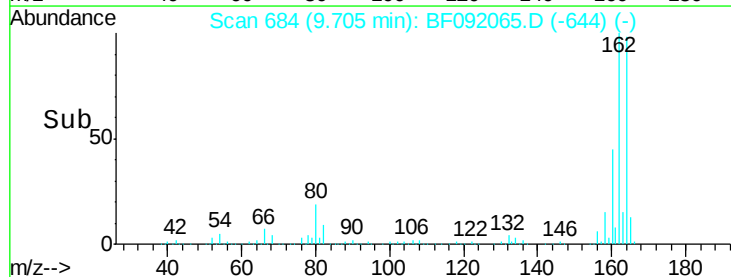
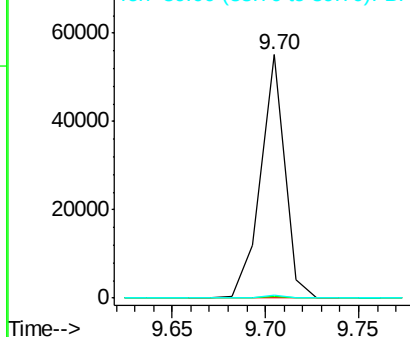


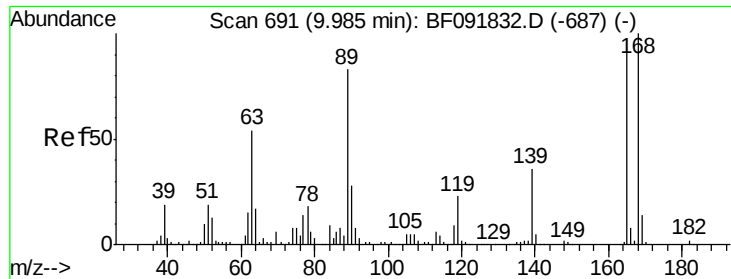
#50
 2,6-Dinitrotoluene
 Concen: 9.20 ng
 RT: 9.70 min Scan# 684
 Delta R.T. 0.15 min
 Lab File: BF092065.D
 Acq: 3 Jan 2017 17:21

Tgt Ion:165 Resp: 49156
 Ion Ratio Lower Upper
 165 100
 63 0.9 36.2 54.4#
 89 1.3 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

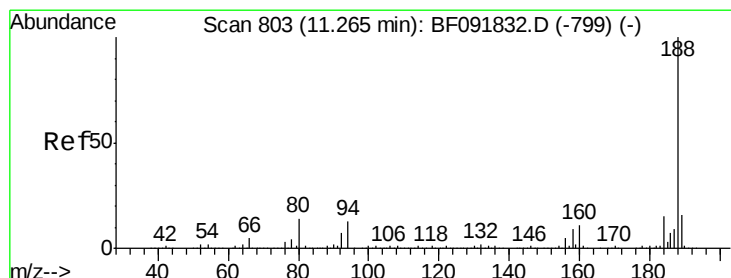
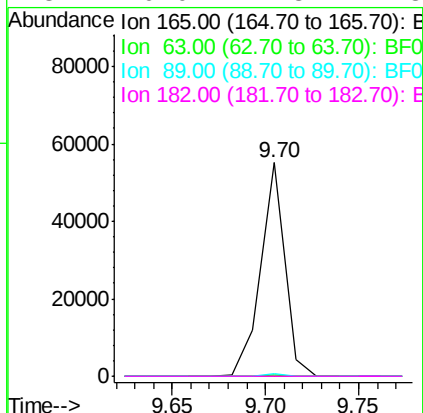
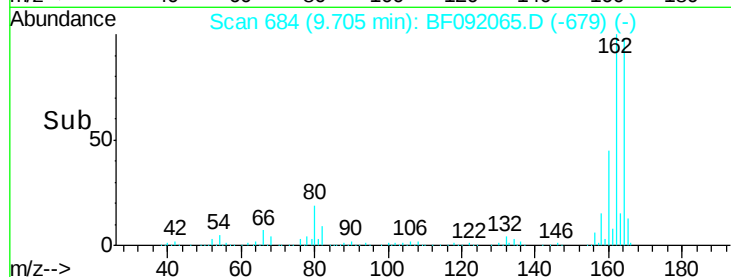
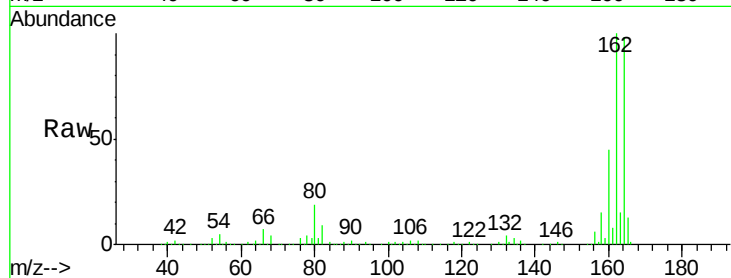




#56
 2,4-Dinitrotoluene
 Concen: 7.33 ng
 RT: 9.70 min Scan# 684
 Delta R.T. -0.25 min
 Lab File: BF092065.D
 Acq: 3 Jan 2017 17:21

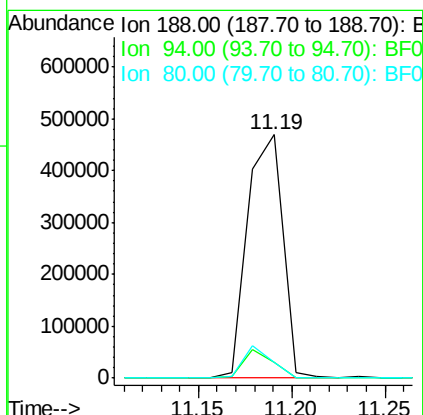
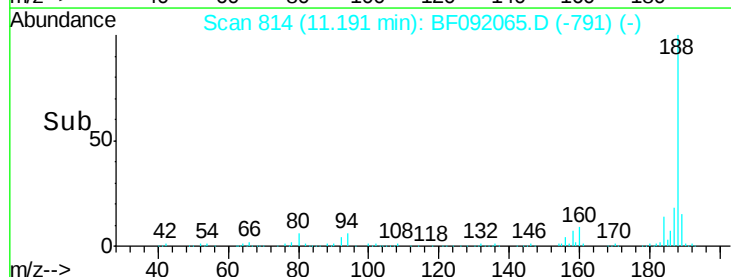
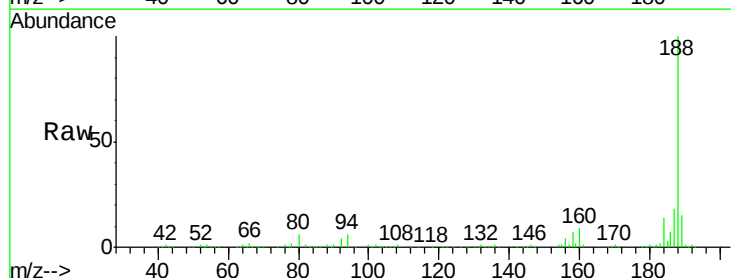
Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9

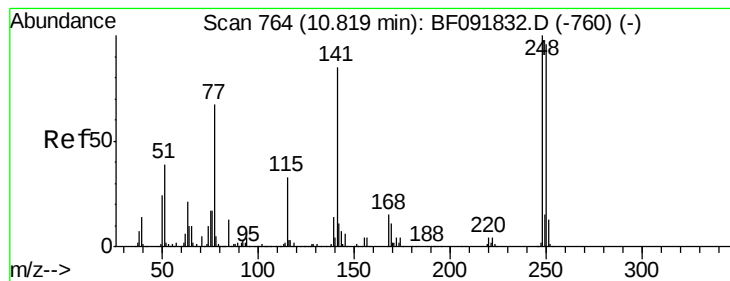
Tgt Ion	Ratio	Lower	Upper
165	100		
63	0.9	40.2	60.4#
89	1.3	62.5	93.7#
182	0.0	1.8	2.8#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.19 min Scan# 814
 Delta R.T. -0.04 min
 Lab File: BF092065.D
 Acq: 3 Jan 2017 17:21

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.3	10.0	15.0#
80	6.3	11.2	16.8#





#66

4-Bromophenyl-phenylether

Concen: 4.73 ng

RT: 10.49 min Scan# 753

Delta R.T. -0.29 min

Lab File: BF092065.D

Acq: 3 Jan 2017 17:21

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9

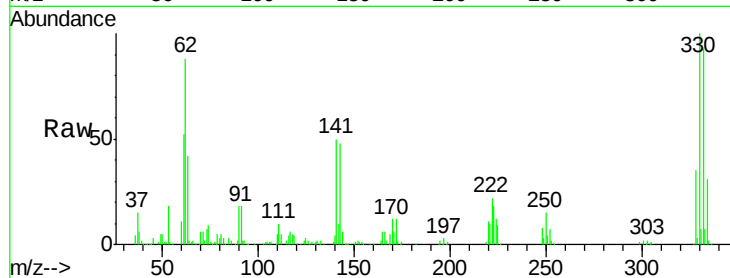
Tgt Ion:248 Resp: 30269

Ion Ratio Lower Upper

248 100

250 198.1 76.9 115.3#

141 667.0 68.2 102.4#

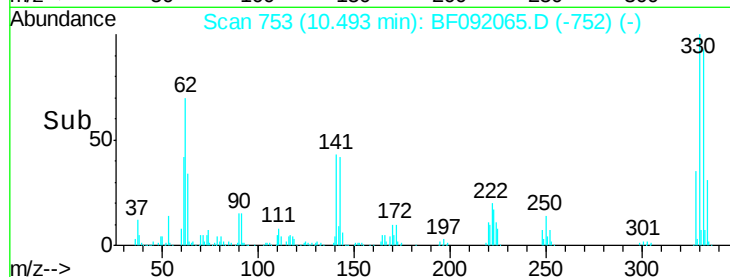


Abundance Ion 248.00 (247.70 to 248.70): E

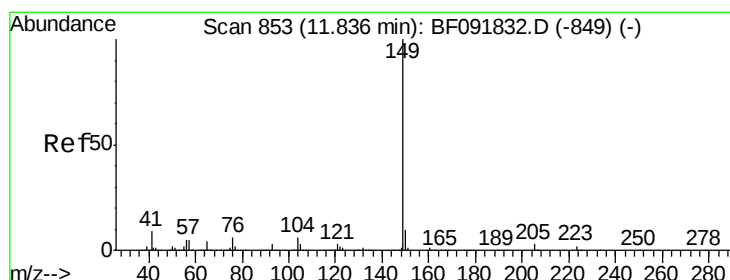
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E

Time-->



Time-->



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.76 min Scan# 864

Delta R.T. -0.04 min

Lab File: BF092065.D

Acq: 3 Jan 2017 17:21

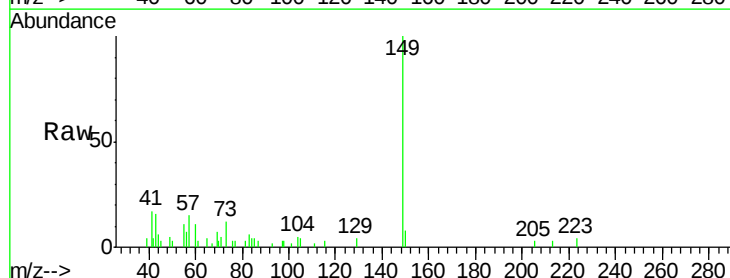
Tgt Ion:149 Resp: 21078

Ion Ratio Lower Upper

149 100

150 8.3 8.1 12.1

104 4.8 4.6 7.0

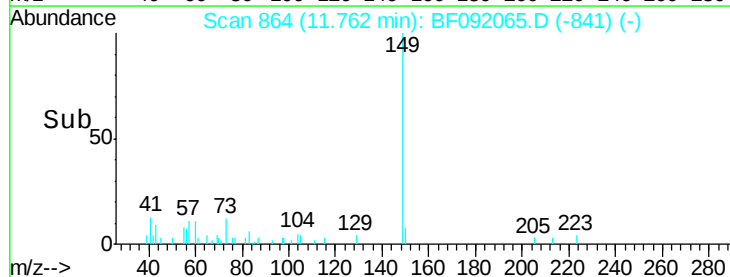


Abundance Ion 149.00 (148.70 to 149.70): E

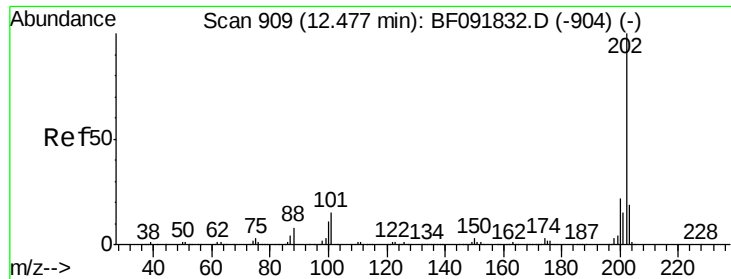
Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

Time-->



Time-->



#74

Fluoranthene

Concen: Below Cal

RT: 12.39 min Scan# 919

Delta R.T. -0.05 min

Lab File: BF092065.D

Acq: 3 Jan 2017 17:21

Instrument :

BNA_F

ClientSampleId :

TP9-COMP9

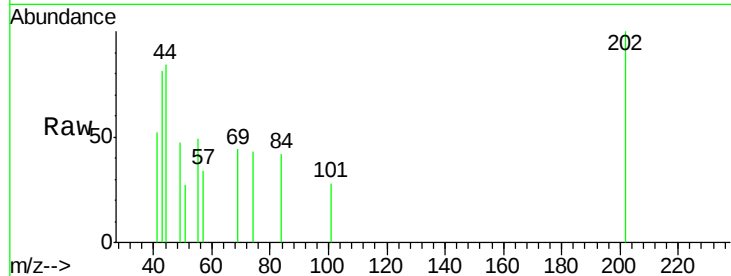
Tgt Ion:202 Resp: 1479

Ion Ratio Lower Upper

202 100

101 28.2 0.0 34.6

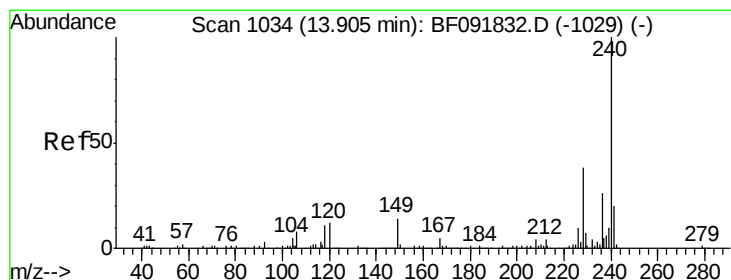
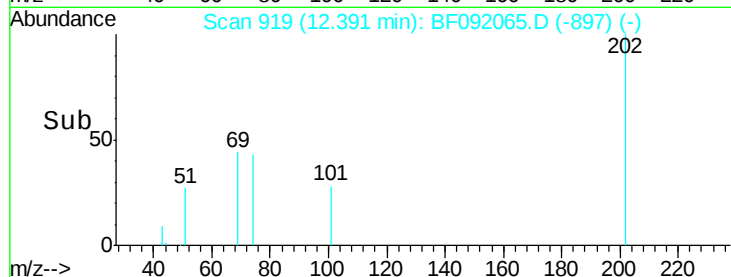
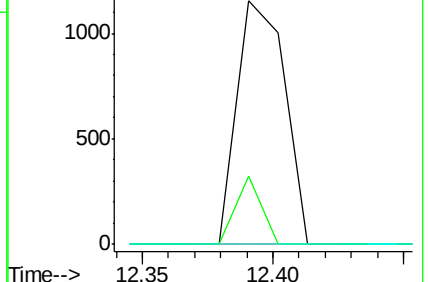
203 0.0 0.0 38.7



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: 13.82 min Scan# 1044

Delta R.T. -0.05 min

Lab File: BF092065.D

Acq: 3 Jan 2017 17:21

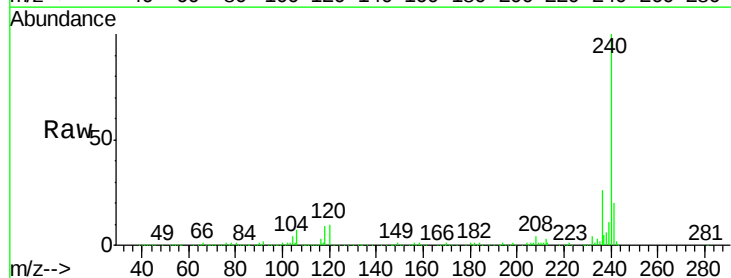
Tgt Ion:240 Resp: 535084

Ion Ratio Lower Upper

240 100

120 9.8 12.9 19.3#

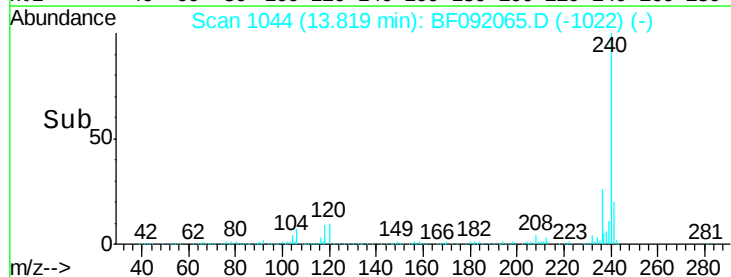
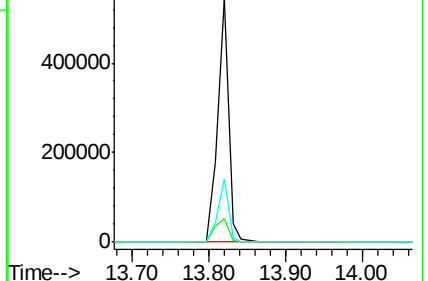
236 25.7 20.9 31.3

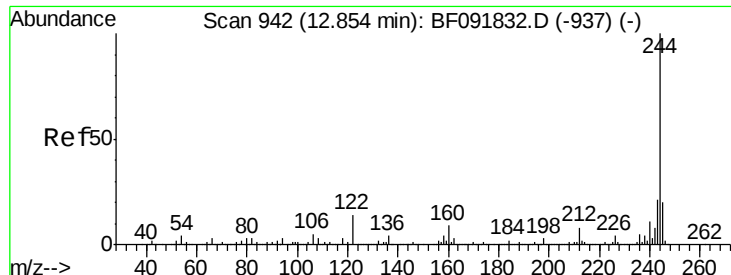


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

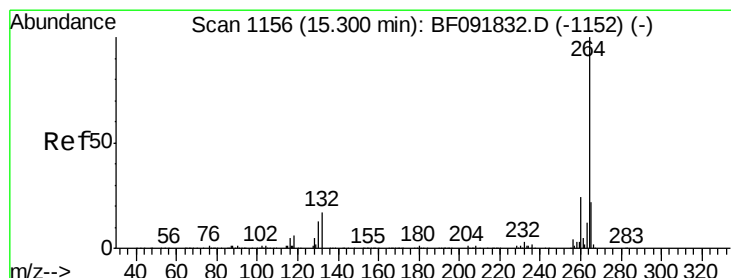
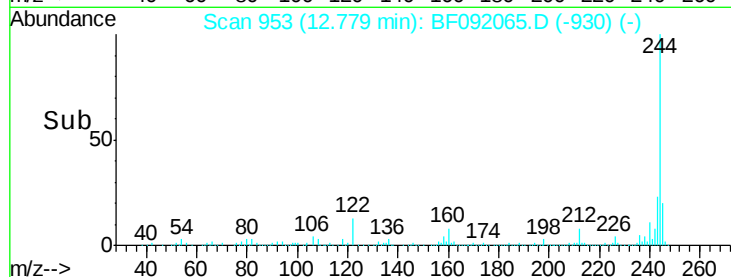
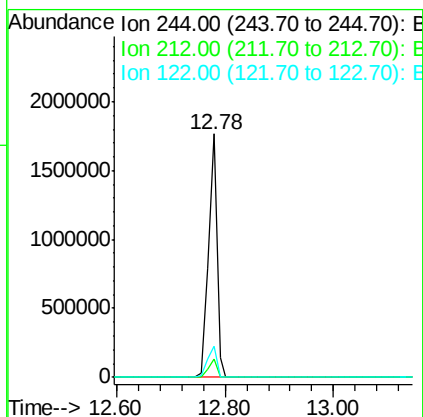
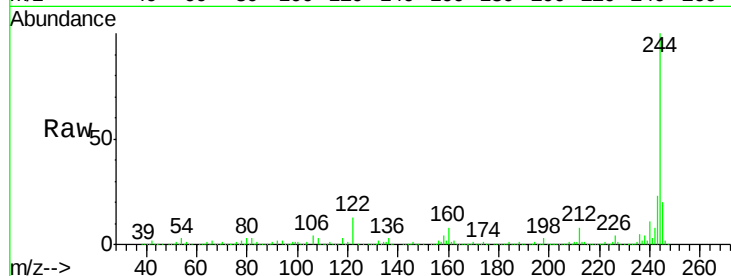




#78
 Terphenyl-d14
 Concen: 85.83 ng
 RT: 12.78 min Scan# 953
 Delta R.T. -0.04 min
 Lab File: BF092065.D
 Acq: 3 Jan 2017 17:21

Instrument :
 BNA_F
 ClientSampleId :
 TP9-COMP9

Tgt Ion:244 Resp: 1893673
 Ion Ratio Lower Upper
 244 100
 212 7.8 6.2 9.2
 122 13.0 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.19 min Scan# 1164
 Delta R.T. -0.06 min
 Lab File: BF092065.D
 Acq: 3 Jan 2017 17:21

Tgt Ion:264 Resp: 401373
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.0 17.4 26.0

