

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
 Data File : BF092214.D
 Acq On : 12 Jan 2017 18:17
 Operator : UM/SJ
 Sample : I1029-15
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-008

Quant Time: Jan 12 23:42:48 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

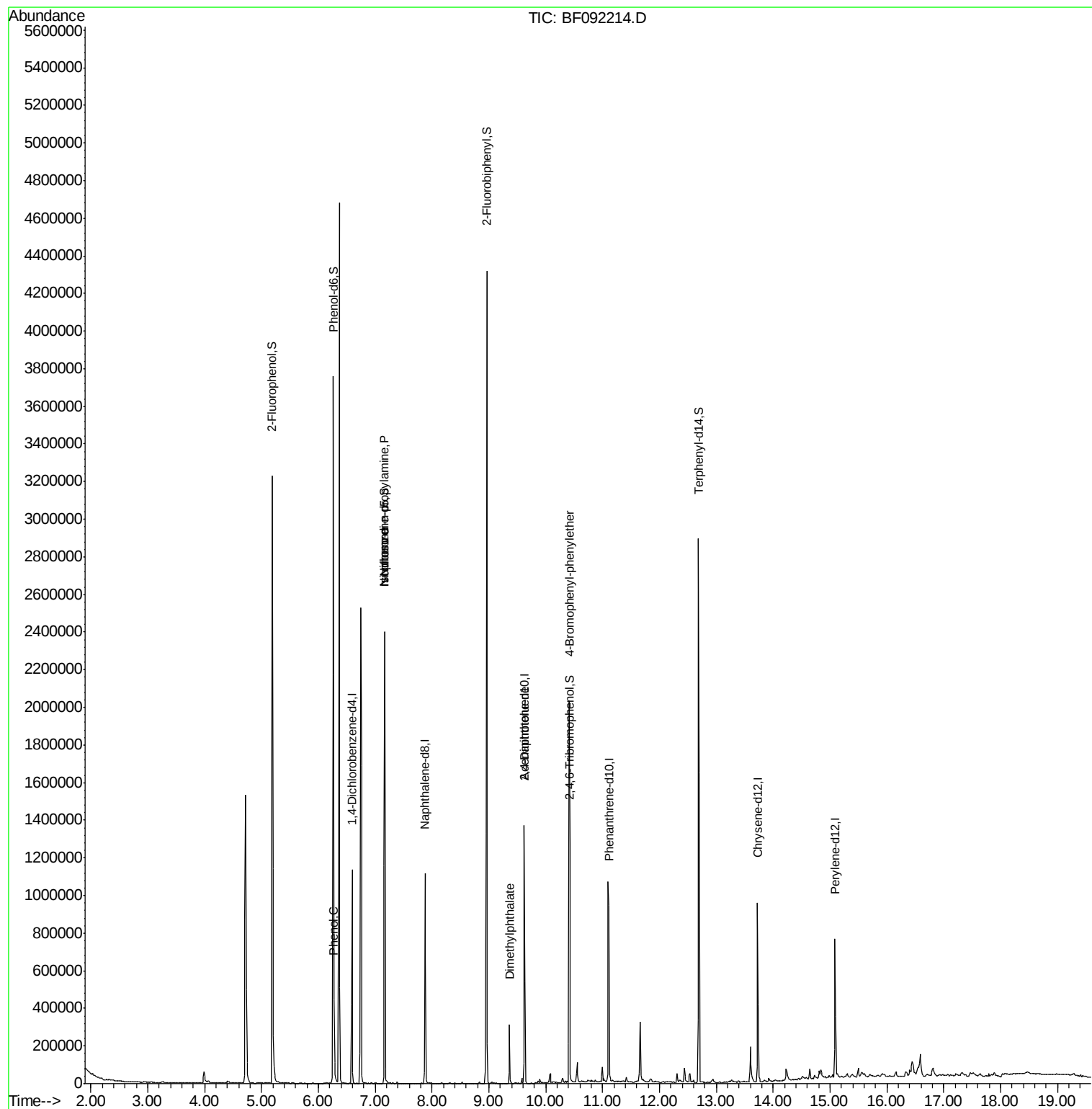
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	191939	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	652563	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	332174	20.00	ng	-0.06
63) Phenanthrene-d10	11.11	188	563437	20.00	ng	-0.05
75) Chrysene-d12	13.73	240	356662	20.00	ng	-0.06
86) Perylene-d12	15.09	264	316722	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.19	112	1002063	87.17	ng	-0.05
7) Phenol-d6	6.26	99	1586588	113.05	ng	-0.05
23) Nitrobenzene-d5	7.17	82	907782	77.35	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	321238	116.86	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1350796	83.02	ng	-0.05
78) Terphenyl-d14	12.69	244	1137030	77.32	ng	-0.06
Target Compounds						
10) Phenol	6.28	94	70325	4.40	ng	# 65
19) n-Nitroso-di-n-propylamine	7.17	70	120607	12.92	ng	# 73
25) Isophorone	7.17	82	899239	41.53	ng	# 65
37) 2-Methylnaphthalene	8.60	142	597	Below Cal	#	74
49) Dimethylphthalate	9.36	163	129038	6.07	ng	99
56) 2,4-Dinitrotoluene	9.62	165	43120	7.39	ng	# 19
66) 4-Bromophenyl-phenylether	10.41	248	19504	3.33	ng	# 1
71) Anthracene	11.18	178	805	Below Cal	#	59
73) Di-n-butylphthalate	11.68	149	7423	Below Cal		97
74) Fluoranthene	12.31	202	20425	Below Cal		94
76) Benizidine	12.69	184	14845	Below Cal		98

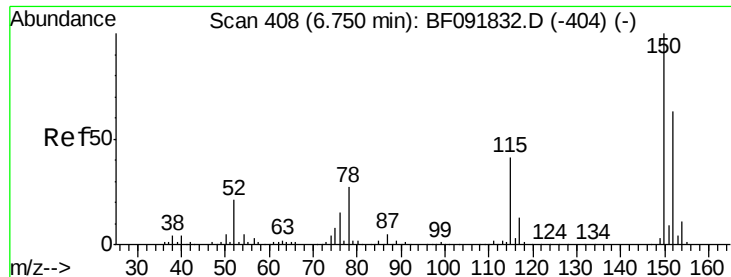
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 412

Delta R.T. -0.05 min

Lab File: BF092214.D

Acq: 12 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

COMP-008

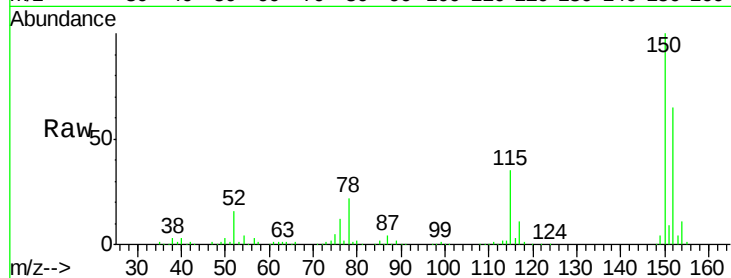
Tgt Ion:152 Resp: 191939

Ion Ratio Lower Upper

152 100

150 152.7 124.9 187.3

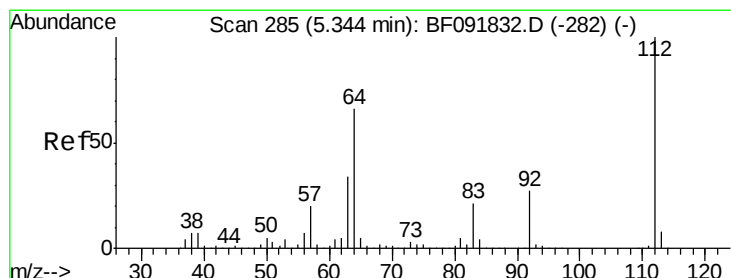
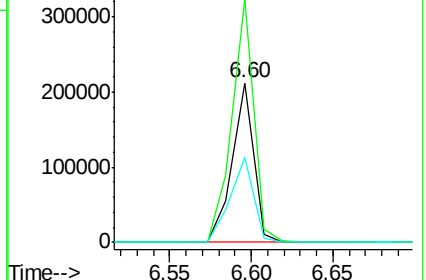
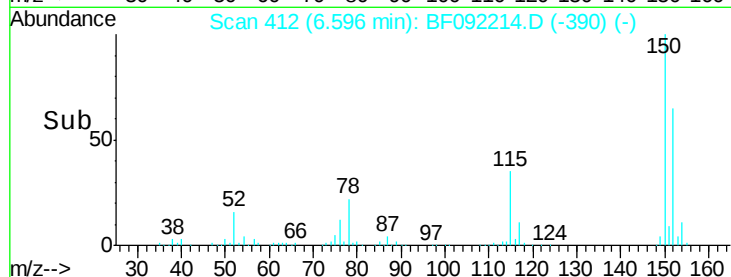
115 53.6 46.0 69.0



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: 87.17 ng

RT: 5.19 min Scan# 289

Delta R.T. -0.05 min

Lab File: BF092214.D

Acq: 12 Jan 2017 18:17

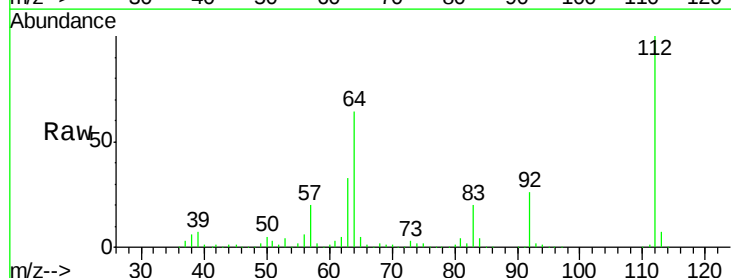
Tgt Ion:112 Resp: 1002063

Ion Ratio Lower Upper

112 100

64 64.4 46.1 69.1

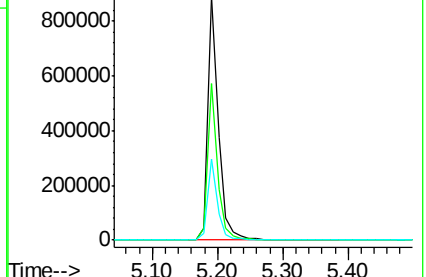
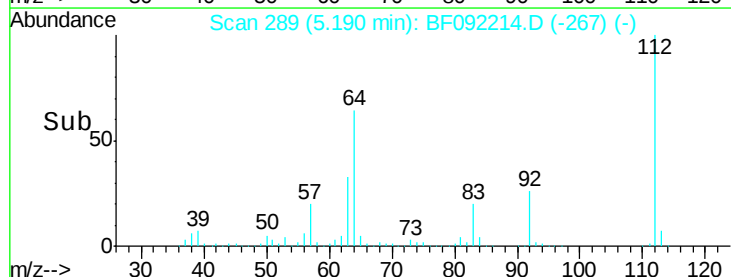
63 33.2 23.8 35.6

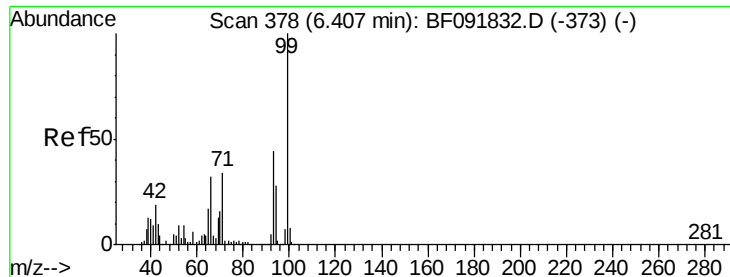


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 113.05 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092214.D

Acq: 12 Jan 2017 18:17

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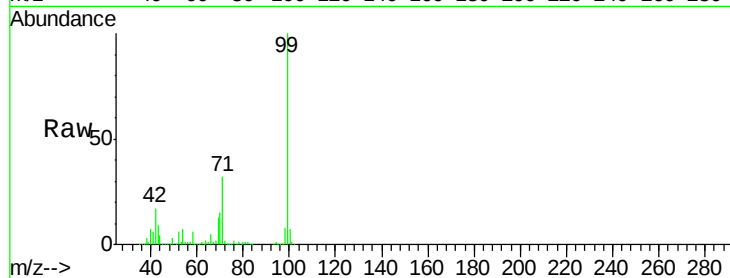
Tgt Ion: 99 Resp: 1586588

Ion Ratio Lower Upper

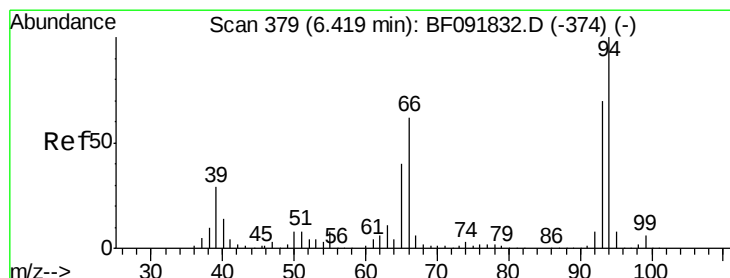
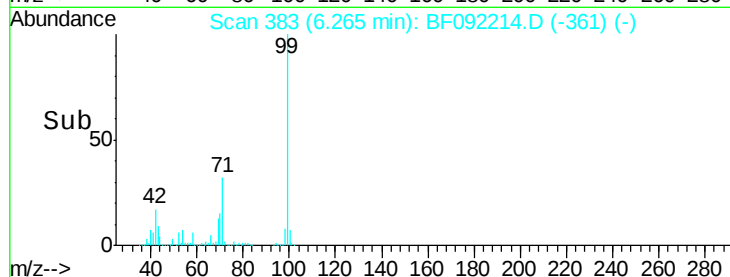
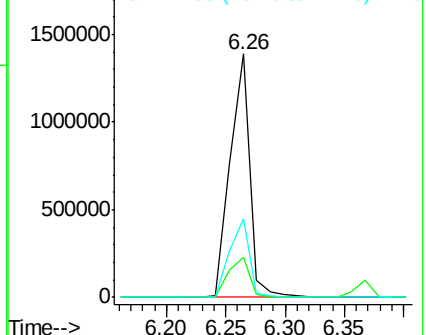
99 100

42 16.6 15.6 23.4

71 32.1 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



#10

Phenol

Concen: 4.40 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092214.D

Acq: 12 Jan 2017 18:17

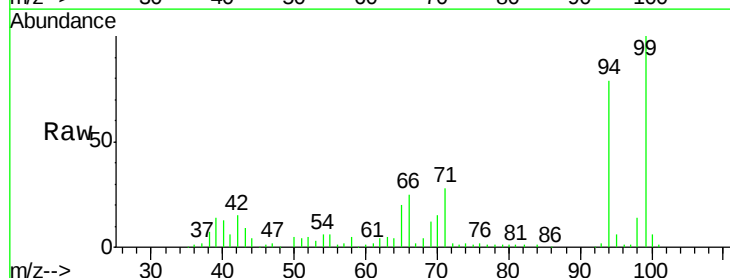
Tgt Ion: 94 Resp: 70325

Ion Ratio Lower Upper

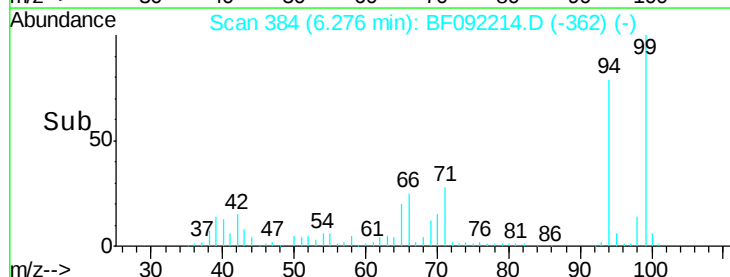
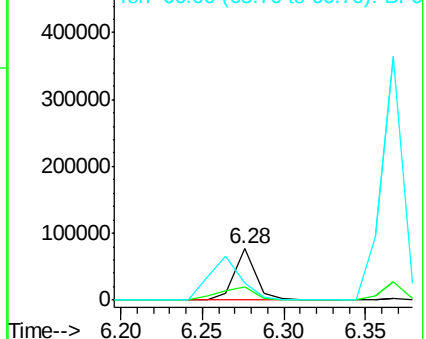
94 100

65 24.8 21.4 61.4

66 32.1 44.0 84.0#



Abundance Ion 94.00 (93.70 to 94.70): BF0
Ion 65.00 (64.70 to 65.70): BF0
Ion 66.00 (65.70 to 66.70): BF0

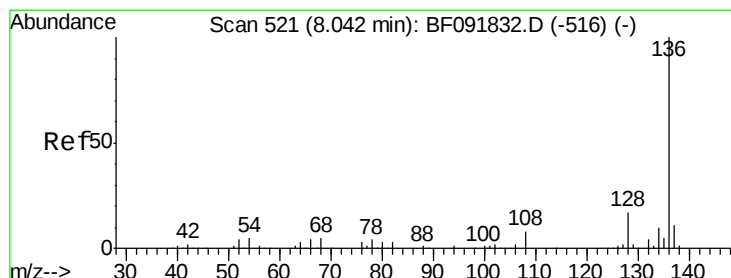
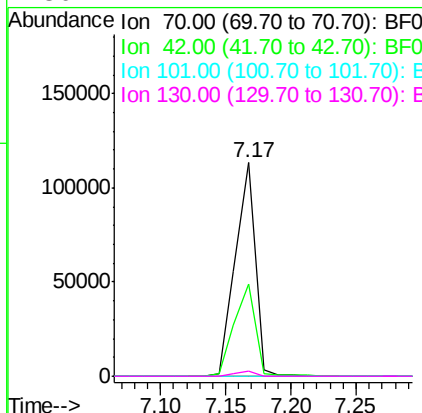
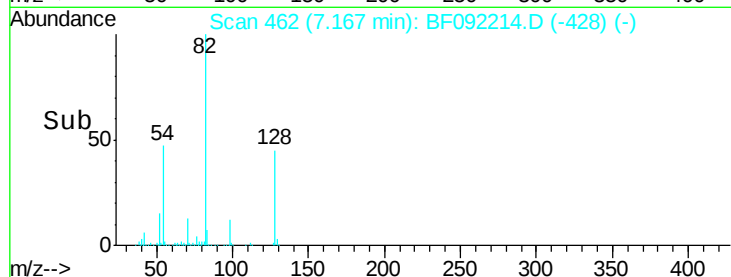
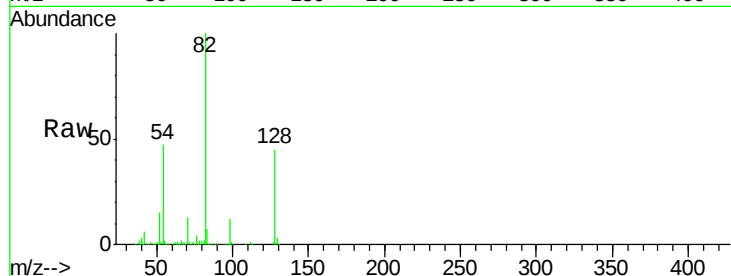




#19
n-Nitroso-di-n-propylamine
Concen: 12.92 ng
RT: 7.17 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF092214.D
Acq: 12 Jan 2017 18:17

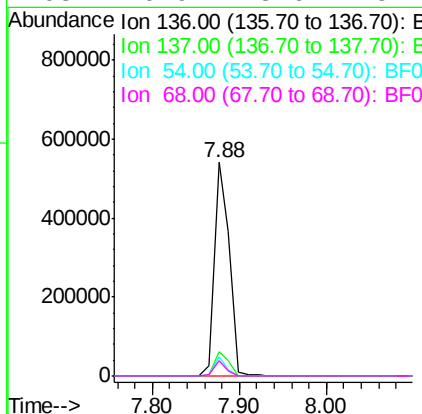
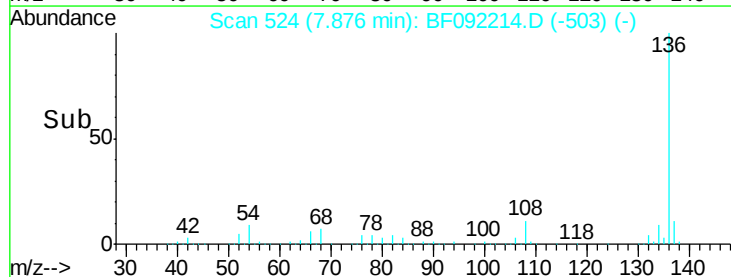
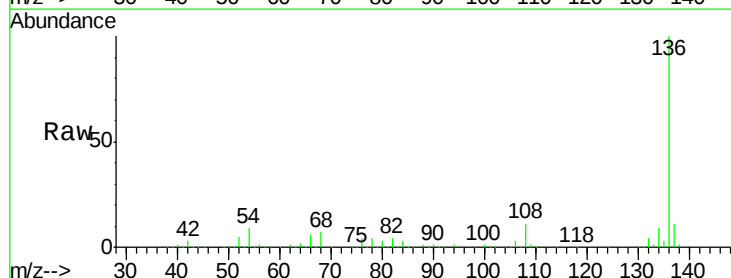
Instrument :
BNA_F
ClientSampleId :
COMP-008

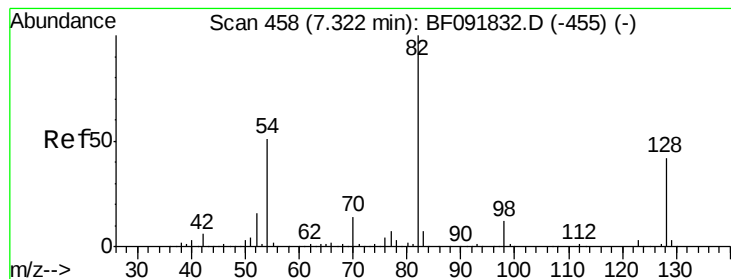
Tgt Ion: 70 Resp: 120607
Ion Ratio Lower Upper
70 100
42 43.0 49.4 74.0#
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092214.D
Acq: 12 Jan 2017 18:17

Tgt Ion: 136 Resp: 652563
Ion Ratio Lower Upper
136 100
137 11.4 8.4 12.6
54 9.1 4.5 6.7#
68 6.9 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 77.35 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.05 min

Lab File: BF092214.D

Acq: 12 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

COMP-008

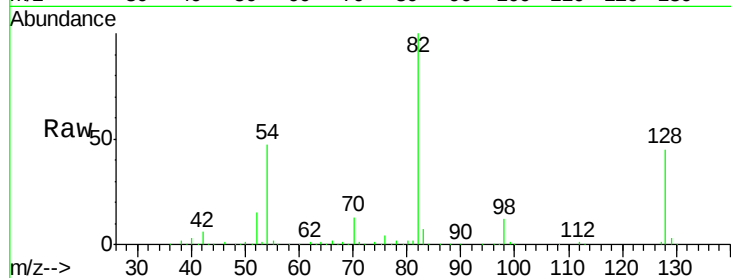
Tgt Ion: 82 Resp: 907782

Ion Ratio Lower Upper

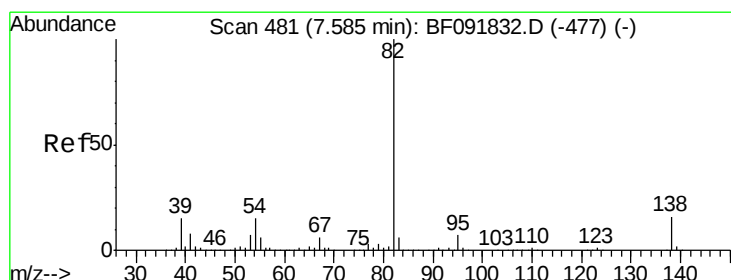
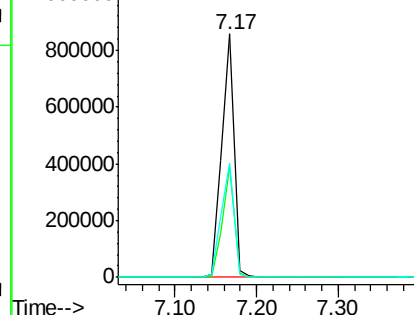
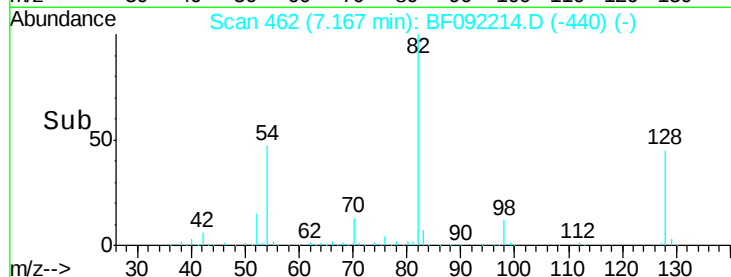
82 100

128 45.2 34.6 52.0

54 46.8 39.5 59.3



Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0



#25

Isophorone

Concen: 41.53 ng

RT: 7.17 min Scan# 462

Delta R.T. -0.31 min

Lab File: BF092214.D

Acq: 12 Jan 2017 18:17

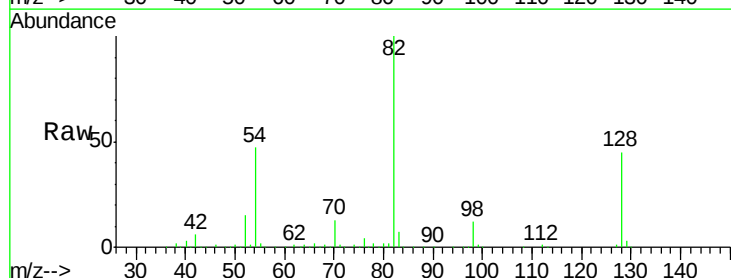
Tgt Ion: 82 Resp: 899239

Ion Ratio Lower Upper

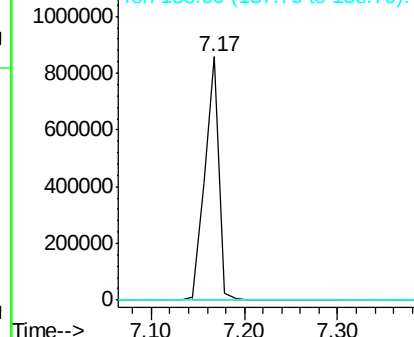
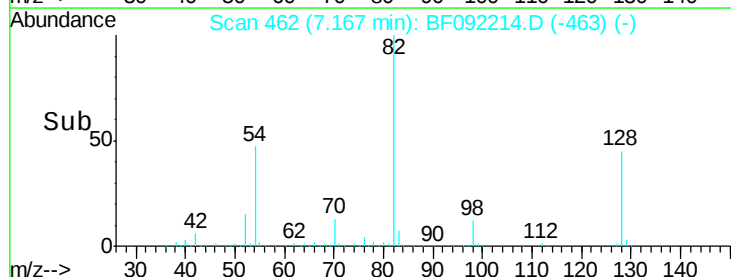
82 100

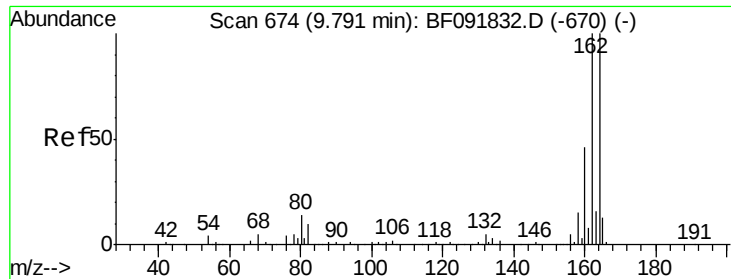
95 0.0 5.6 8.4#

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





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.06 min

Lab File: BF092214.D

Acq: 12 Jan 2017 18:17

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BNA_F

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COMP-008

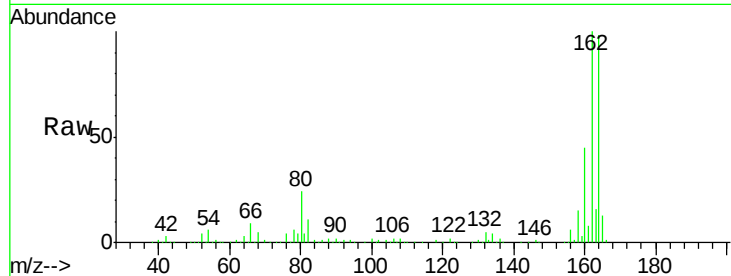
Tgt Ion:164 Resp: 332174

Ion Ratio Lower Upper

164 100

162 101.5 80.2 120.2

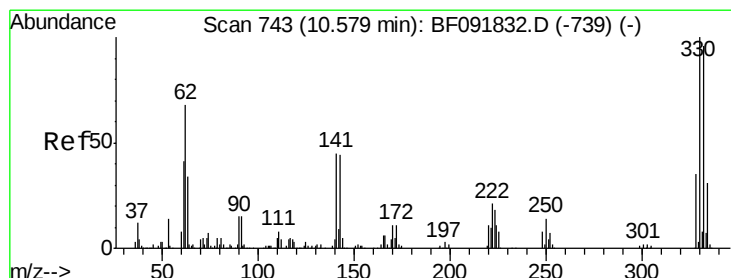
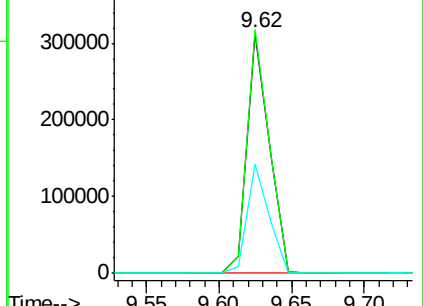
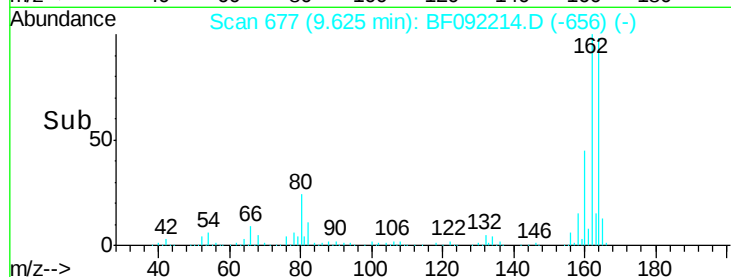
160 45.4 36.9 55.3



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: 116.86 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.05 min

Lab File: BF092214.D

Acq: 12 Jan 2017 18:17

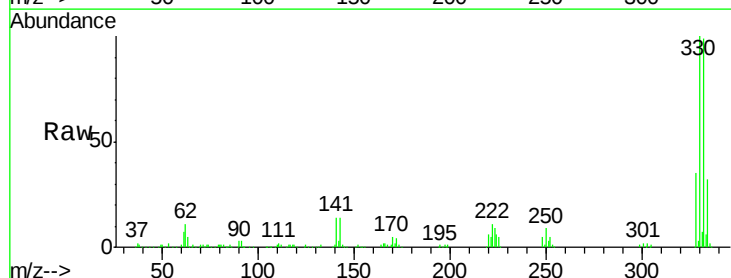
Tgt Ion:330 Resp: 321238

Ion Ratio Lower Upper

330 100

332 97.5 77.4 116.2

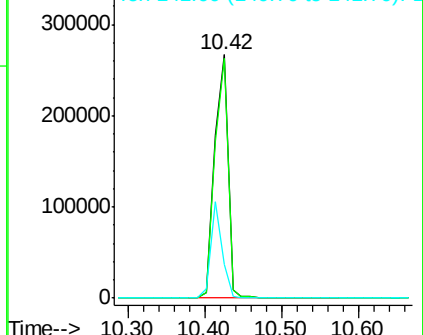
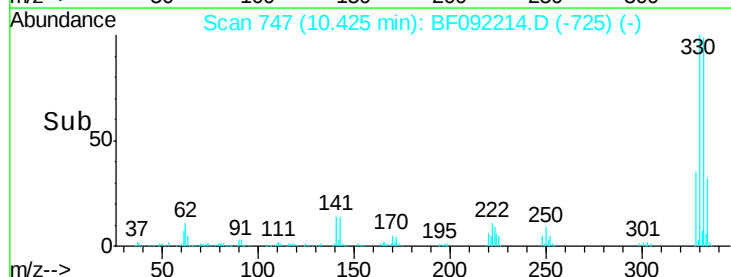
141 33.5 34.1 51.1#

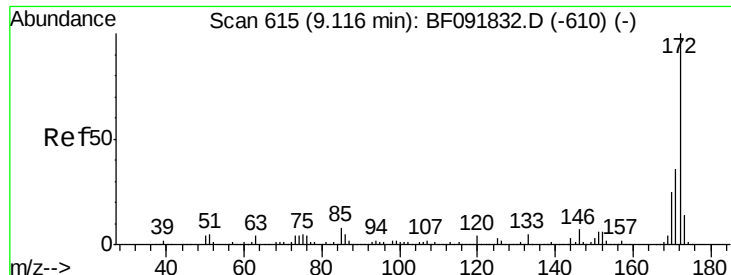


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

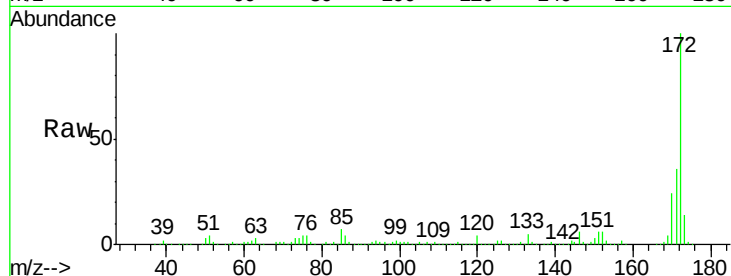




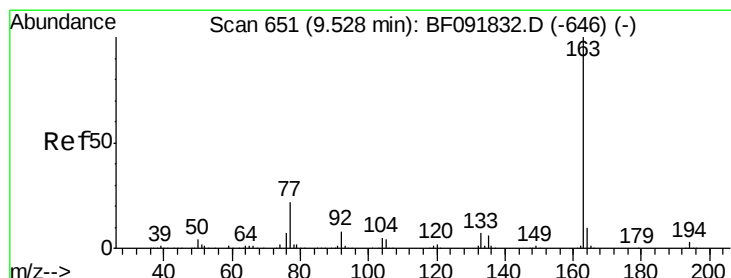
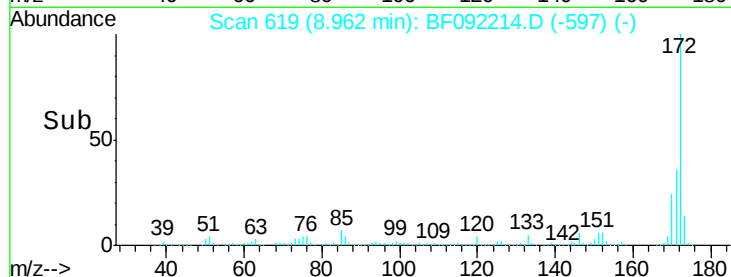
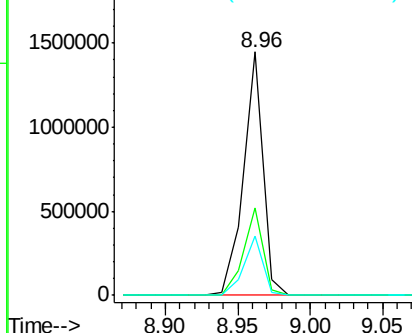
#44
 2-Fluorobiphenyl
 Concen: 83.02 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF092214.D
 Acq: 12 Jan 2017 18:17

Instrument :
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 COMP-008

Tgt Ion:172 Resp: 1350796
 Ion Ratio Lower Upper
 172 100
 171 35.7 29.4 44.0
 170 24.2 20.2 30.4

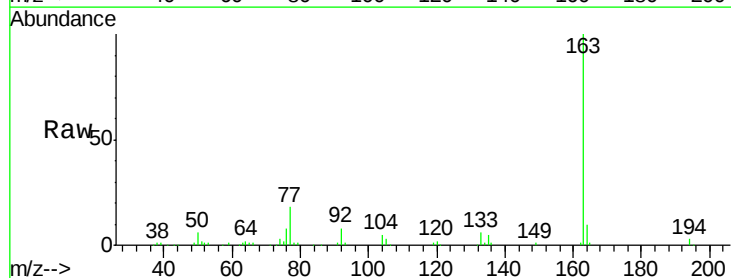


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

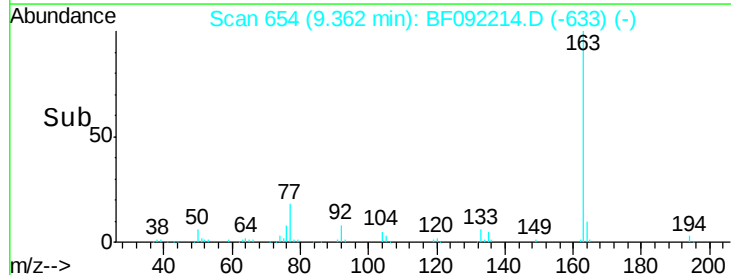
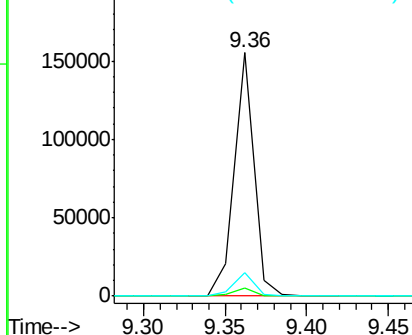


#49
 Dimethylphthalate
 Concen: 6.07 ng
 RT: 9.36 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF092214.D
 Acq: 12 Jan 2017 18:17

Tgt Ion:163 Resp: 129038
 Ion Ratio Lower Upper
 163 100
 194 3.2 3.0 4.4
 164 9.8 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

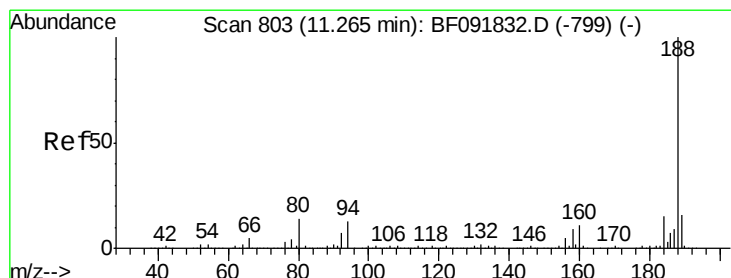
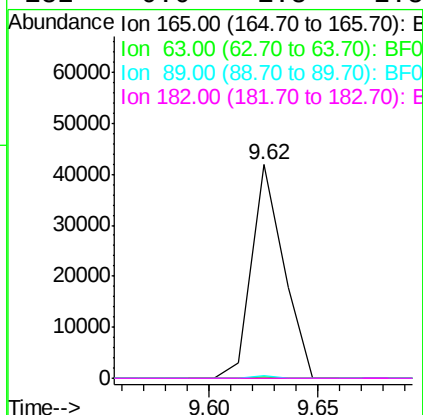
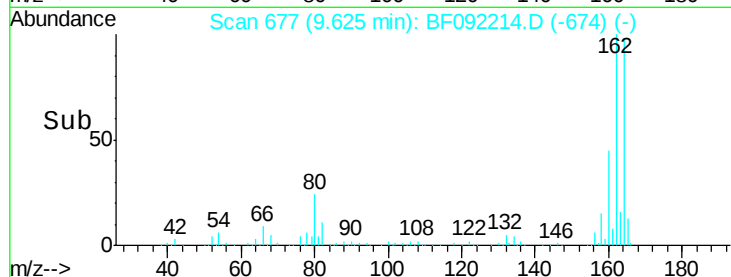
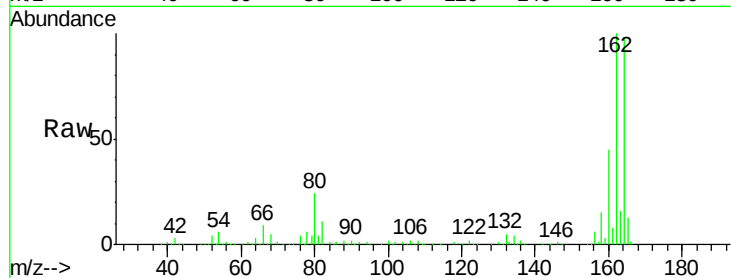




#56
2,4-Dinitrotoluene
Concen: 7.39 ng
RT: 9.62 min Scan# 677
Delta R.T. -0.26 min
Lab File: BF092214.D
Acq: 12 Jan 2017 18:17

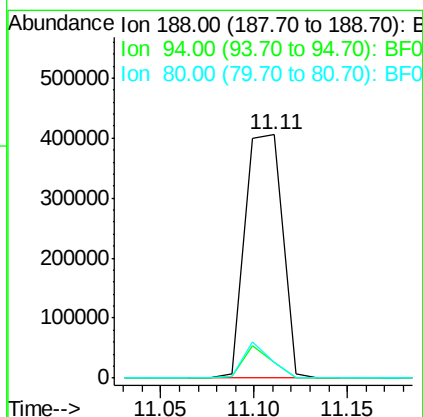
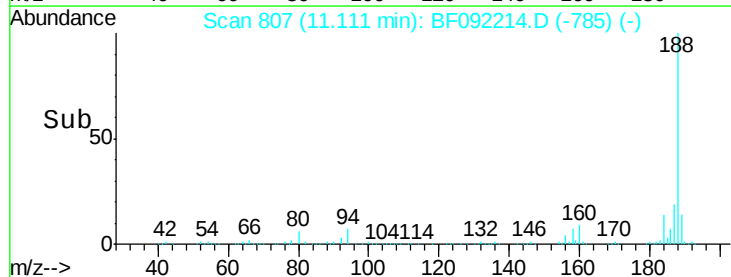
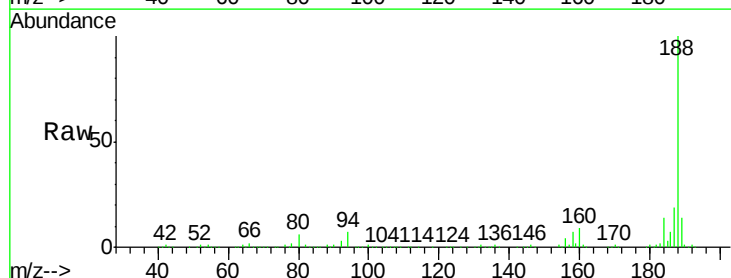
Instrument :
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COMP-008

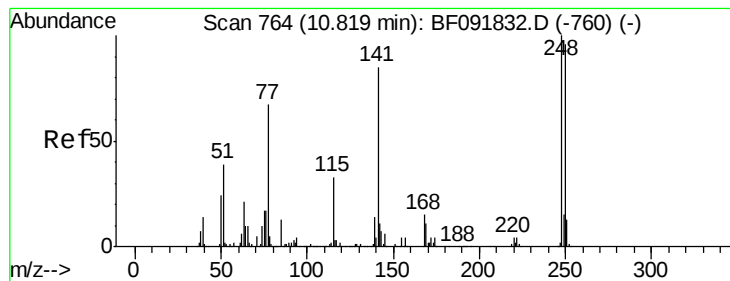
Tgt Ion:165 Resp: 43120
Ion Ratio Lower Upper
165 100
63 0.8 40.2 60.4#
89 1.1 62.5 93.7#
182 0.0 1.8 2.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.11 min Scan# 807
Delta R.T. -0.05 min
Lab File: BF092214.D
Acq: 12 Jan 2017 18:17

Tgt Ion:188 Resp: 563437
Ion Ratio Lower Upper
188 100
94 6.6 10.0 15.0#
80 6.4 11.2 16.8#





#66

4-Bromophenyl-phenylether

Concen: 3.33 ng

RT: 10.41 min Scan# 746

Delta R.T. -0.30 min

Lab File: BF092214.D

Acq: 12 Jan 2017 18:17

Instrument :

BNA_F

ClientSampleId :

COMP-008

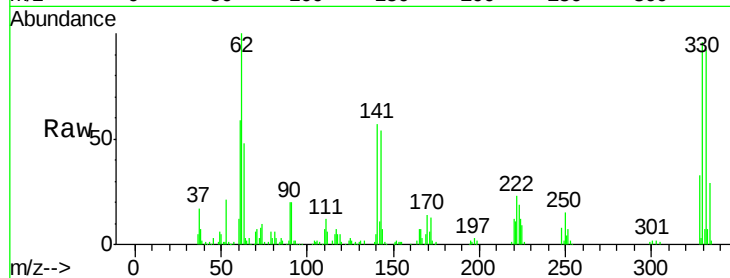
Tgt Ion:248 Resp: 19504

Ion Ratio Lower Upper

248 100

250 203.6 76.9 115.3#

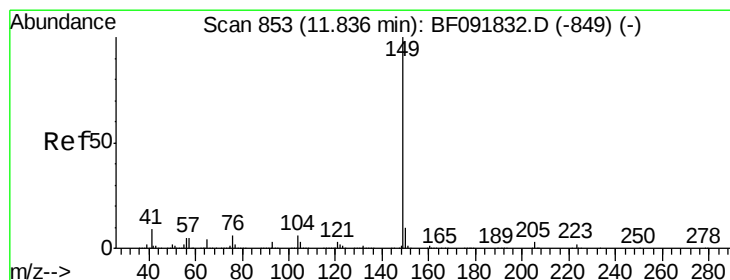
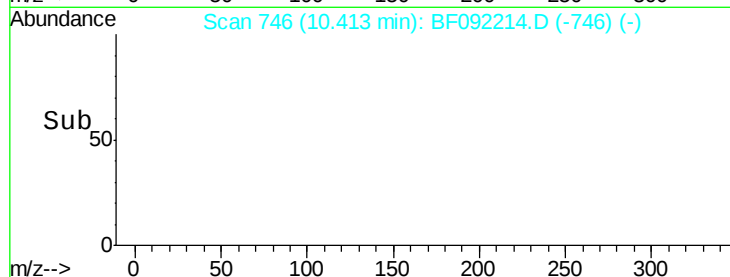
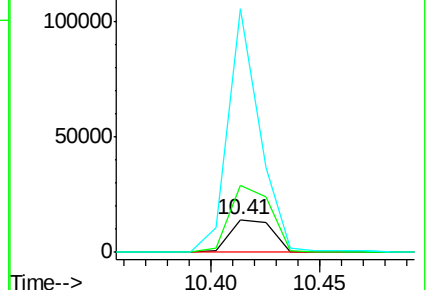
141 746.1 68.2 102.4#



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



#73

Di-n-butylphthalate

Concen: Below Cal

RT: 11.68 min Scan# 857

Delta R.T. -0.05 min

Lab File: BF092214.D

Acq: 12 Jan 2017 18:17

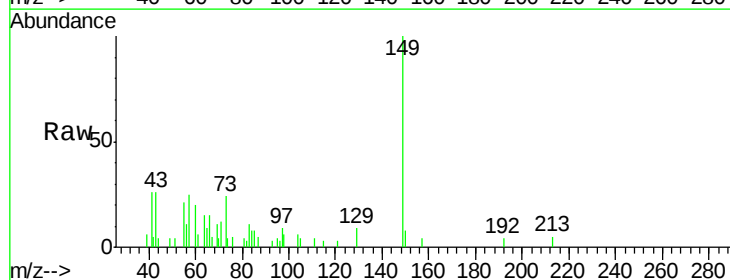
Tgt Ion:149 Resp: 7423

Ion Ratio Lower Upper

149 100

150 8.2 8.1 12.1

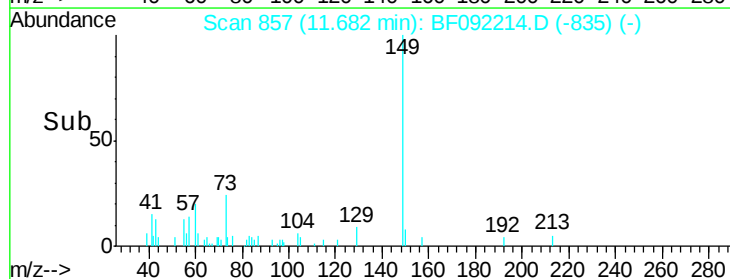
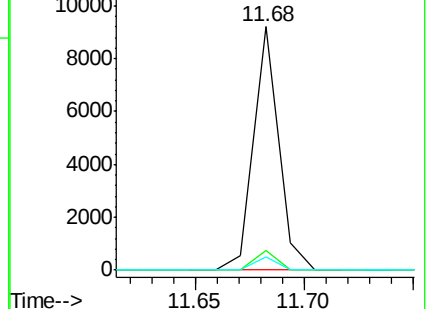
104 5.5 4.6 7.0

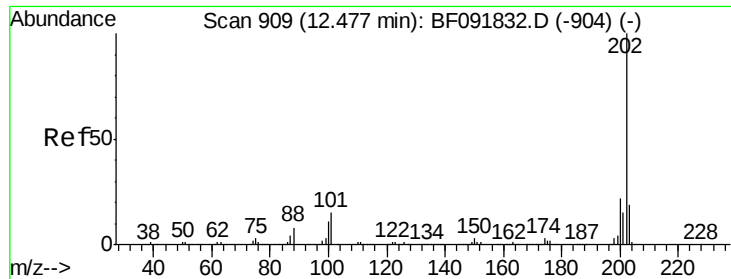


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E

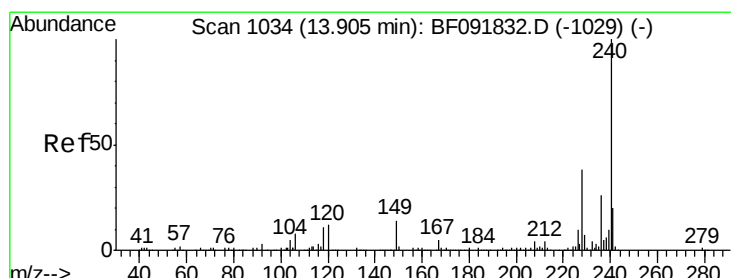
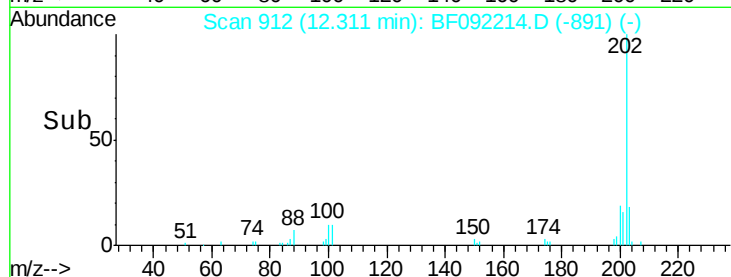
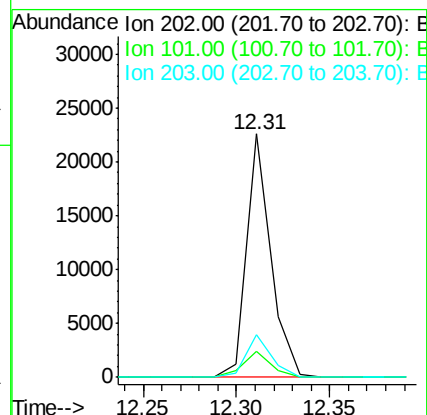
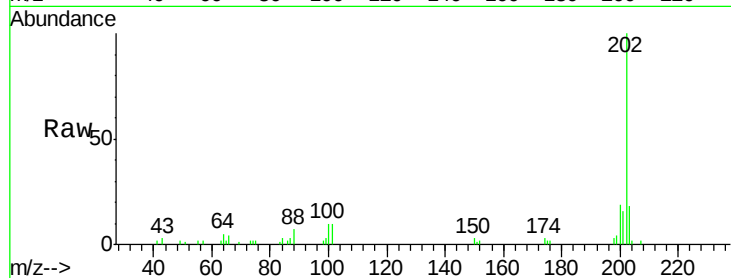




#74
Fluoranthene
Concen: Below Cal
RT: 12.31 min Scan# 912
Delta R.T. -0.06 min
Lab File: BF092214.D
Acq: 12 Jan 2017 18:17

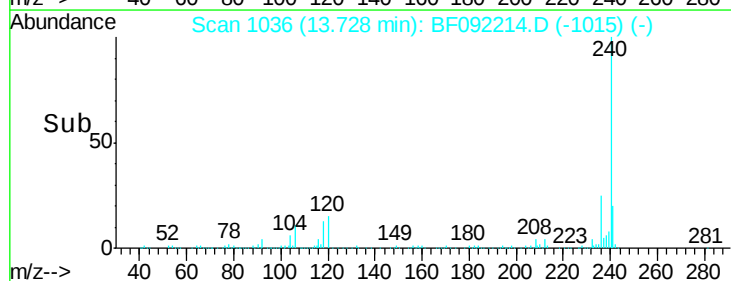
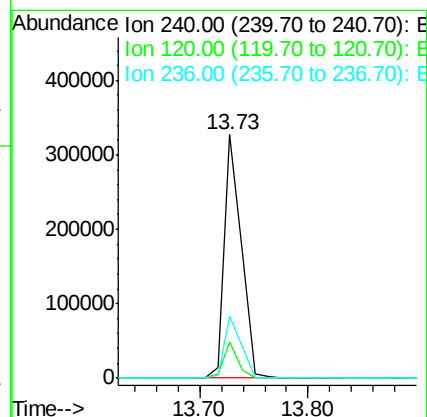
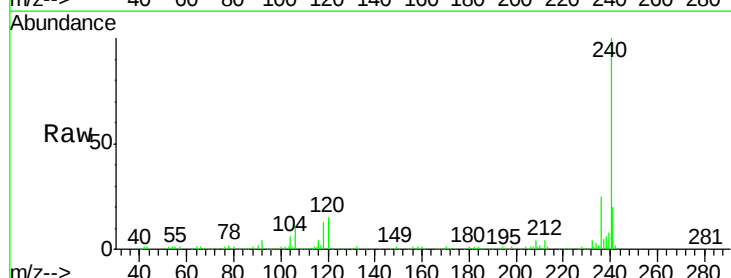
Instrument :
BNA_F
ClientSampleId :
COMP-008

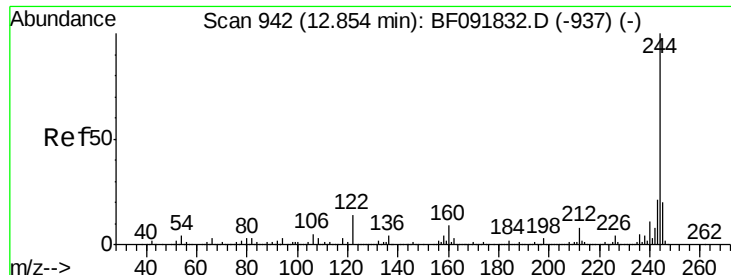
Tgt Ion: 202 Resp: 20425
Ion Ratio Lower Upper
202 100
101 10.4 0.0 34.6
203 17.7 0.0 38.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF092214.D
Acq: 12 Jan 2017 18:17

Tgt Ion: 240 Resp: 356662
Ion Ratio Lower Upper
240 100
120 15.1 12.9 19.3
236 25.3 20.9 31.3

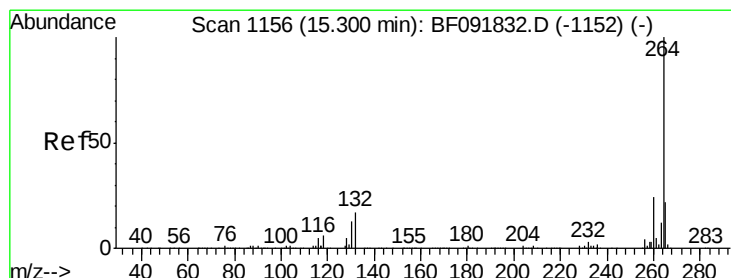
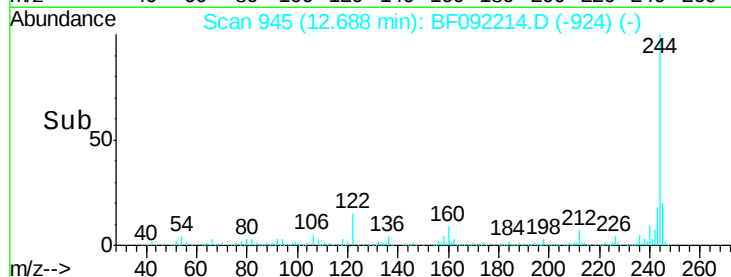
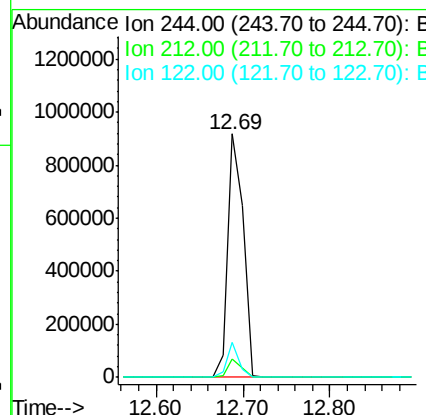
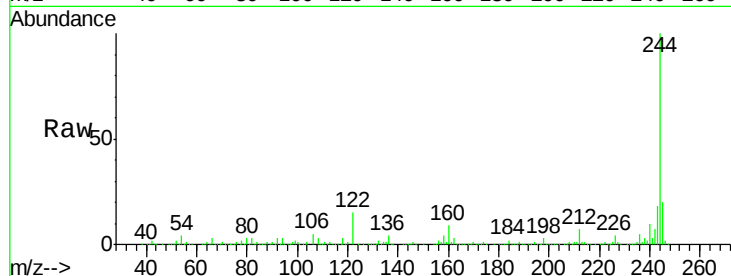




#78
 Terphenyl-d14
 Concen: 77.32 ng
 RT: 12.69 min Scan# 945
 Delta R.T. -0.06 min
 Lab File: BF092214.D
 Acq: 12 Jan 2017 18:17

Instrument :
 BNA_F
 ClientSampleId :
 COMP-008

Tgt Ion:244 Resp: 1137030
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 14.5 11.4 17.2



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 15.09 min Scan# 1155
 Delta R.T. -0.06 min
 Lab File: BF092214.D
 Acq: 12 Jan 2017 18:17

Tgt Ion:264 Resp: 316722
 Ion Ratio Lower Upper
 264 100
 260 24.3 19.2 28.8
 265 21.8 17.4 26.0

