

Data Path : Z:\HPCHEM1\BNA F\DATA\BF011217\
 Data File : BF092210.D
 Acq On : 12 Jan 2017 16:13
 Operator : UM/SJ
 Sample : I1029-05
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Jan 12 17:02:03 2017
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jan 12 16:14:19 2017
 Response via : Initial Calibration

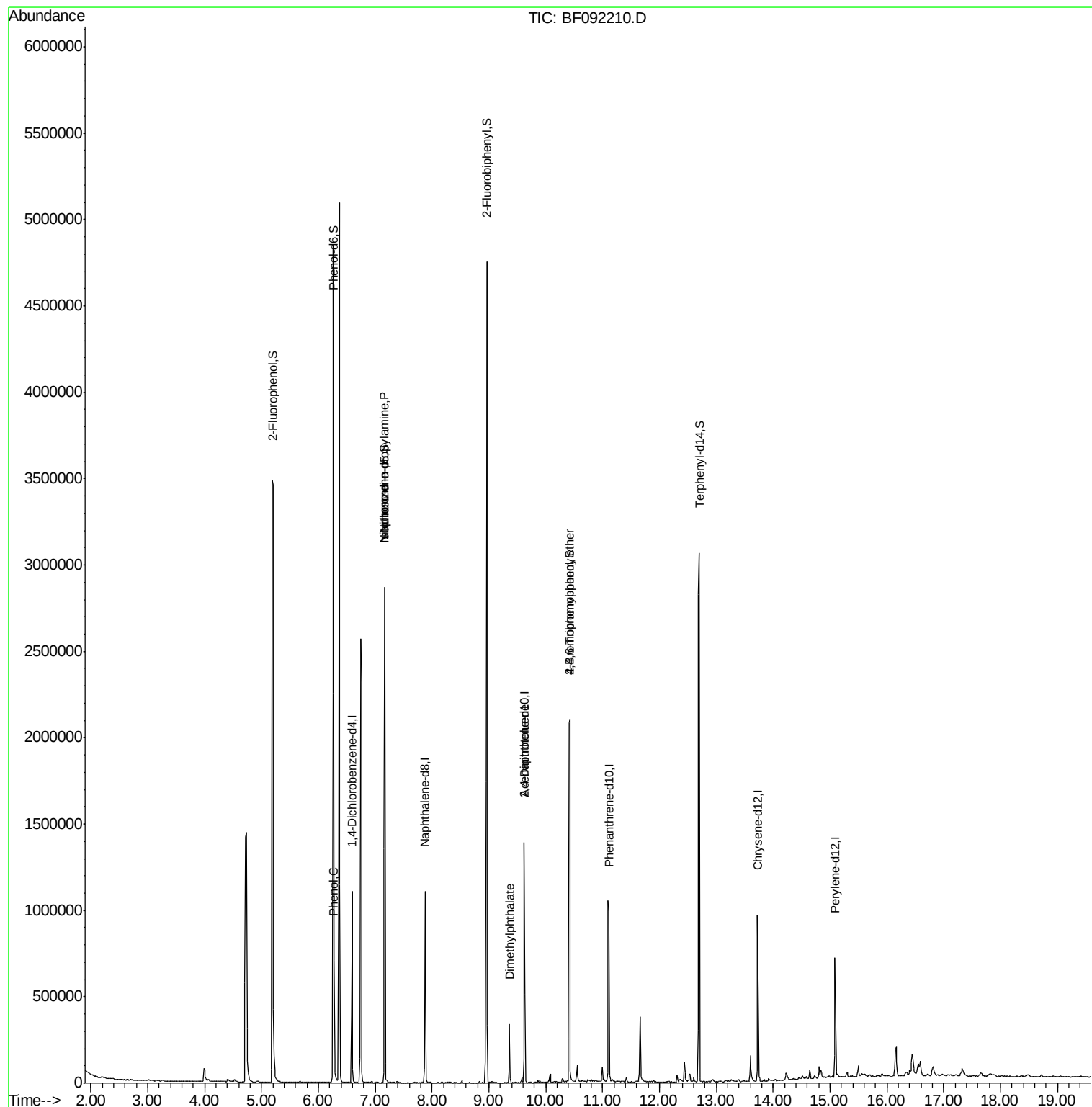
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	182973	20.00	ng	0.00
21) Naphthalene-d8	7.88	136	637650	20.00	ng	0.00
38) Acenaphthene-d10	9.62	164	335371	20.00	ng	0.00
63) Phenanthrene-d10	11.11	188	576042	20.00	ng	0.00
75) Chrysene-d12	13.73	240	382411	20.00	ng	0.00
86) Perylene-d12	15.09	264	308598	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	1580902	144.27	ng	0.00
7) Phenol-d6	6.26	99	1864585	139.37	ng	0.00
23) Nitrobenzene-d5	7.17	82	1087908	94.87	ng	0.00
41) 2,4,6-Tribromophenol	10.42	330	412188	148.51	ng	0.00
44) 2-Fluorobiphenyl	8.96	172	1576643	98.35	ng	0.00
78) Terphenyl-d14	12.70	244	1447608	91.81	ng	0.00
Target Compounds						
10) Phenol	6.28	94	112525	7.38	ng	# 68
19) n-Nitroso-di-n-propylamine	7.17	70	145856	16.39	ng	# 75
25) Isophorone	7.17	82	1087908	51.42	ng	# 65
37) 2-Methylnaphthalene	8.60	142	344	Below Cal	#	63
49) Dimethylphthalate	9.36	163	144133	6.72	ng	99
56) 2,4-Dinitrotoluene	9.62	165	43092	7.31	ng	# 19
66) 4-Bromophenyl-phenylether	10.42	248	26133	4.36	ng	# 1
71) Anthracene	11.13	178	6968	Below Cal		96
73) Di-n-butylphthalate	11.68	149	5728	Below Cal	#	92
74) Fluoranthene	12.31	202	17858	Below Cal		97
76) Benizidine	12.69	184	18993	Below Cal		95

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

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QLast Update : Thu Jan 12 16:14:19 2017
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.60 min Scan# 412

Delta R.T. 0.00 min

Lab File: BF092210.D

Acq: 12 Jan 2017 16:13

Instrument :

BNA_F

ClientSampleId :

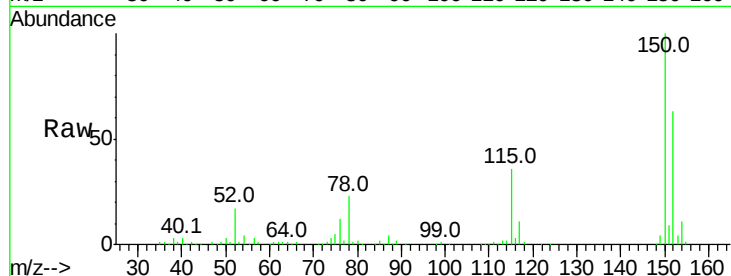
Tot Ion:152 Resp: 182973

Ion Ratio Lower Upper

152 100

150 159.1 124.9 187.3

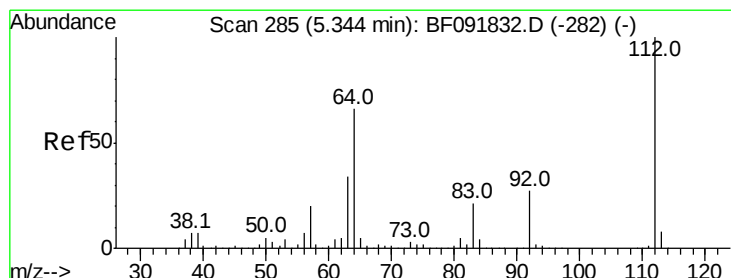
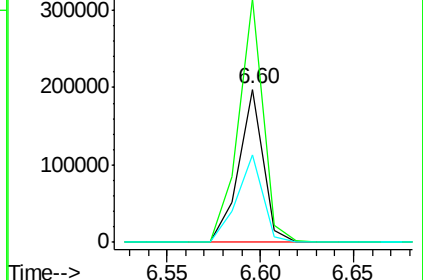
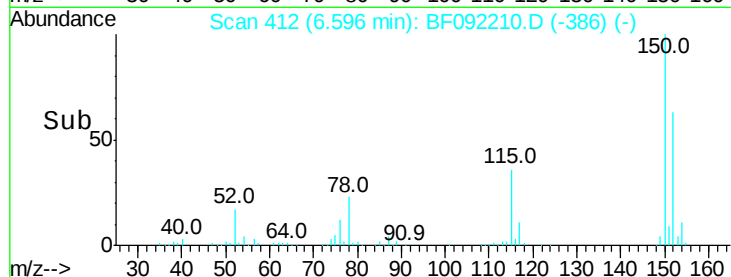
115 57.4 46.0 69.0



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: 144.27 ng

RT: 5.20 min Scan# 290

Delta R.T. 0.00 min

Lab File: BF092210.D

Acq: 12 Jan 2017 16:13

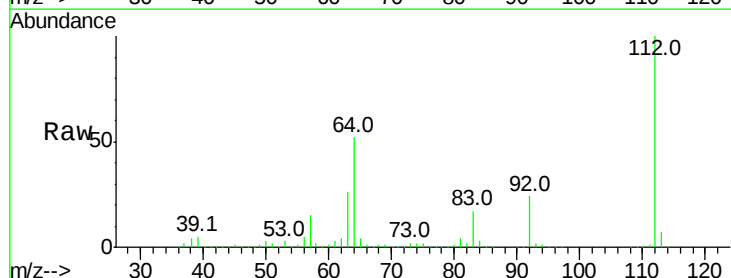
Tgt Ion:112 Resp: 1580902

Ion Ratio Lower Upper

112 100

64 51.6 46.1 69.1

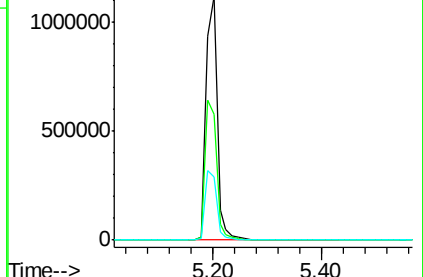
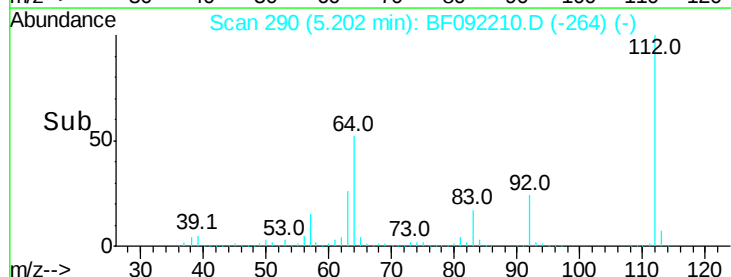
63 25.9 23.8 35.6



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: 139.37 ng

RT: 6.26 min Scan# 383

Delta R.T. 0.00 min

Lab File: BF092210.D

Acq: 12 Jan 2017 16:13

Instrument :

BNA_F

ClientSampleId :

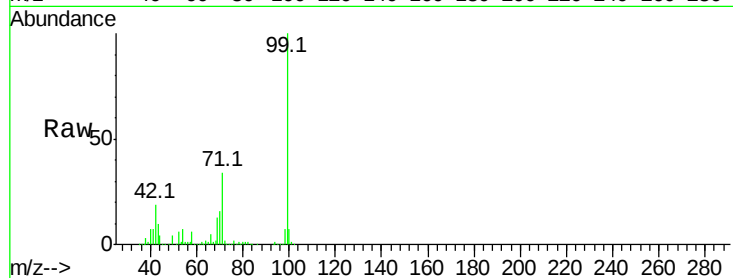
Tot Ion: 99 Resp: 1864585

Ion Ratio Lower Upper

99 100

42 18.9 15.6 23.4

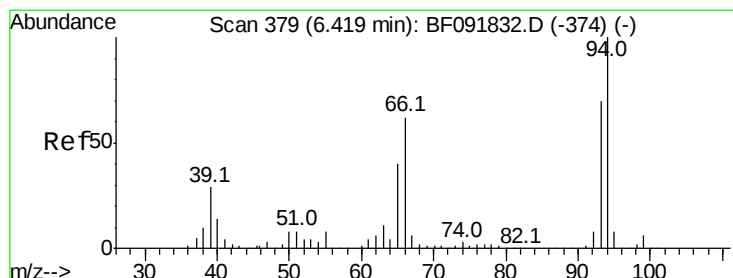
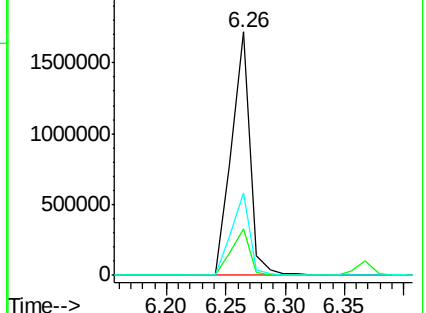
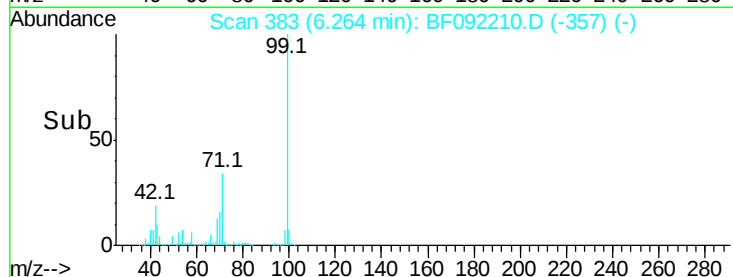
71 33.7 27.5 41.3



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: 7.38 ng

RT: 6.28 min Scan# 384

Delta R.T. 0.00 min

Lab File: BF092210.D

Acq: 12 Jan 2017 16:13

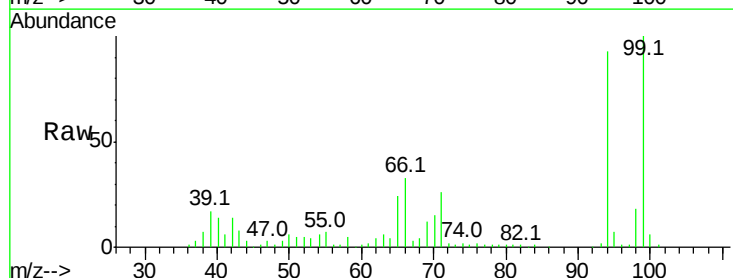
Tgt Ion: 94 Resp: 112525

Ion Ratio Lower Upper

94 100

65 25.9 21.4 61.4

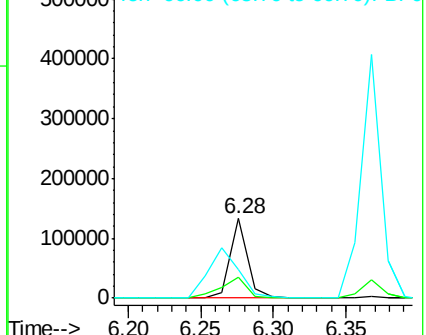
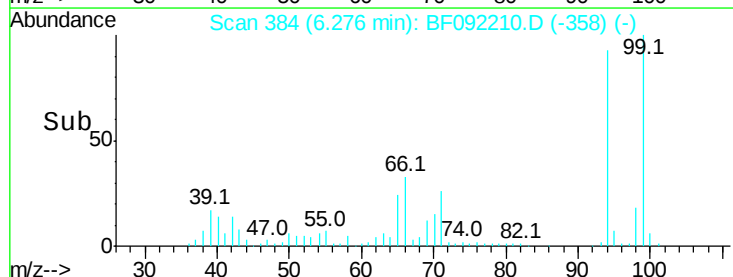
66 35.3 44.0 84.0#

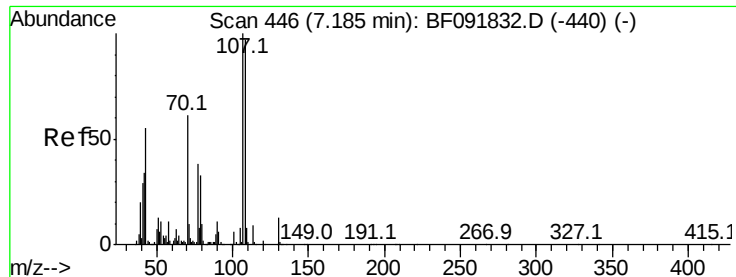


Abundance Ion 94.00 (93.70 to 94.70): BF0

Ion 65.00 (64.70 to 65.70): BF0

Ion 66.00 (65.70 to 66.70): BF0

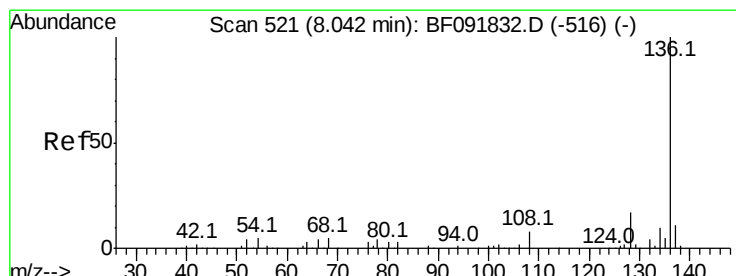
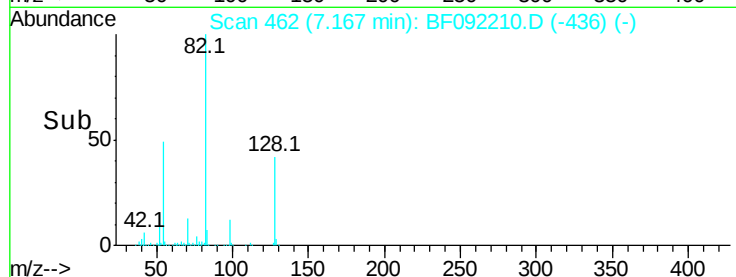
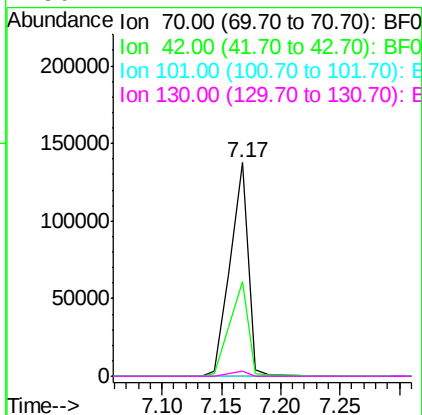
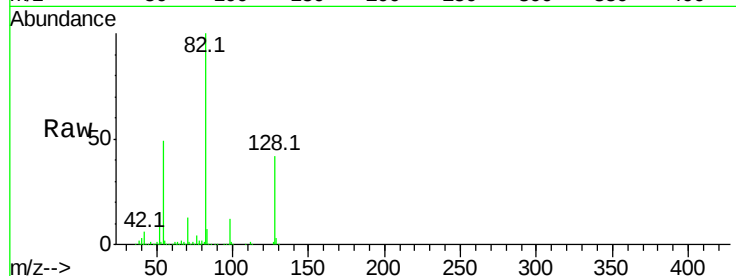




#19
n-Nitroso-di-n-propylamine
Concen: 16.39 ng
RT: 7.17 min Scan# 462
Delta R.T. 0.00 min
Lab File: BF092210.D
Acq: 12 Jan 2017 16:13

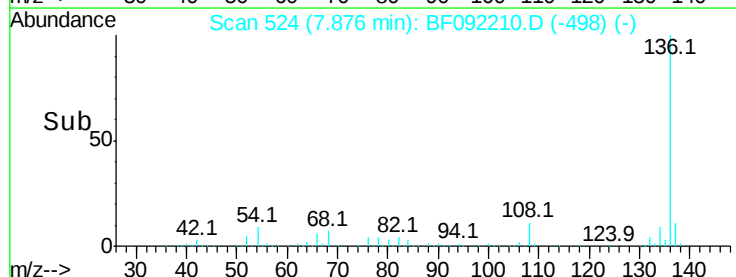
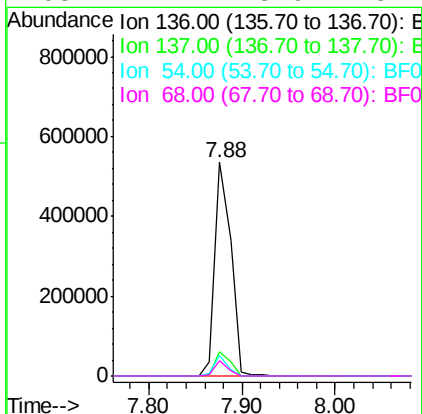
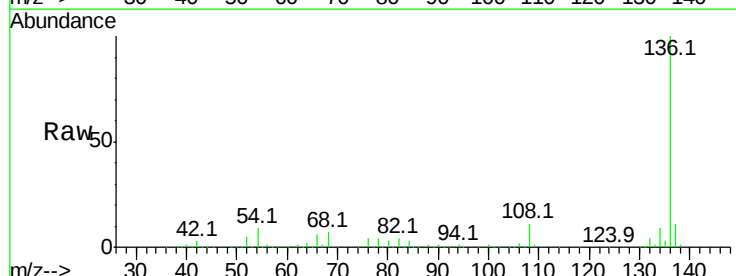
Instrument :
BNA_F
ClientSampleId :

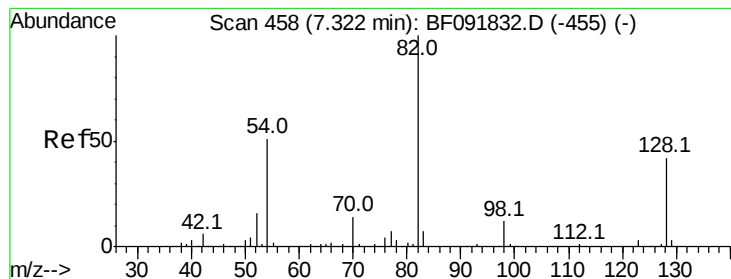
Tot Ion: 70 Resp: 145856
Ion Ratio Lower Upper
70 100
42 44.6 49.4 74.0#
101 0.0 7.4 11.2#
130 2.2 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. 0.00 min
Lab File: BF092210.D
Acq: 12 Jan 2017 16:13

Tgt Ion: 136 Resp: 637650
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.4 4.5 6.7#
68 7.2 3.6 5.4#





#23

Nitrobenzene-d5

Concen: 94.87 ng

RT: 7.17 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF092210.D

Acq: 12 Jan 2017 16:13

Instrument :

BNA_F

ClientSampleId :

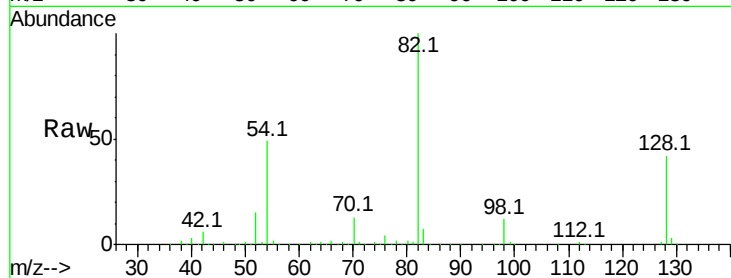
Tot Ion: 82 Resp: 1087908

Ion Ratio Lower Upper

82 100

128 42.5 34.6 52.0

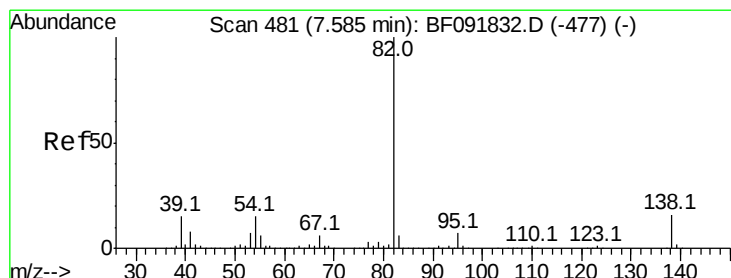
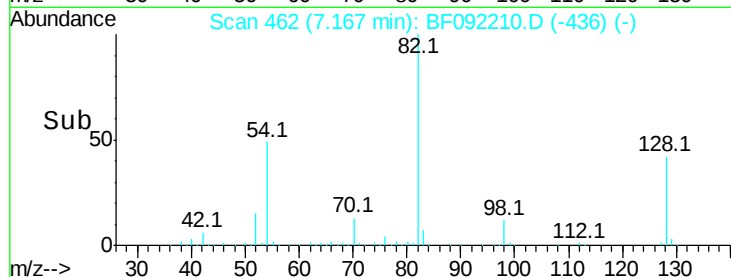
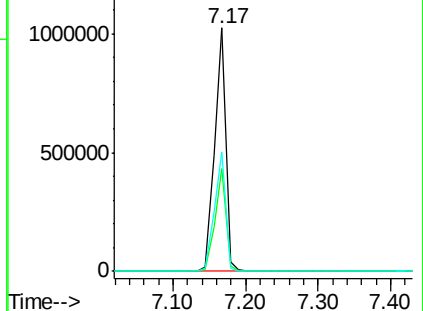
54 49.1 39.5 59.3



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: 51.42 ng

RT: 7.17 min Scan# 462

Delta R.T. 0.00 min

Lab File: BF092210.D

Acq: 12 Jan 2017 16:13

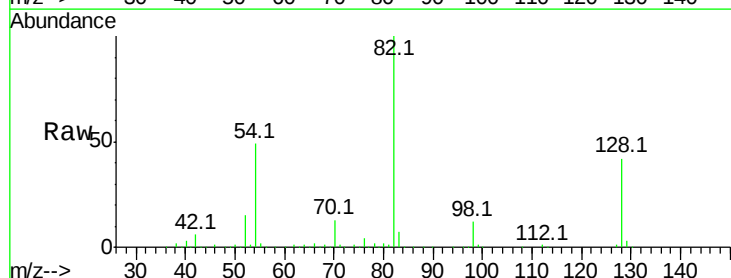
Tgt Ion: 82 Resp: 1087908

Ion Ratio Lower Upper

82 100

95 0.0 5.6 8.4#

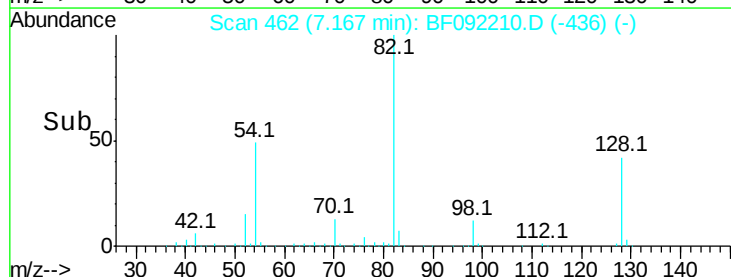
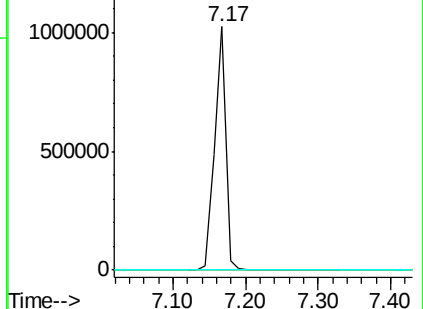
138 0.0 14.6 22.0#

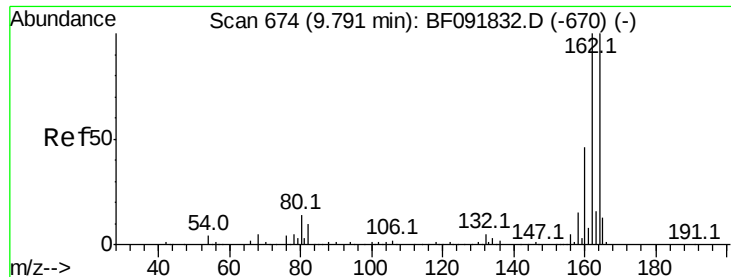


Abundance Ion 82.00 (81.70 to 82.70): BF0

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. 0.00 min

Lab File: BF092210.D

Acq: 12 Jan 2017 16:13

Instrument :

BNA_F

ClientSampleId :

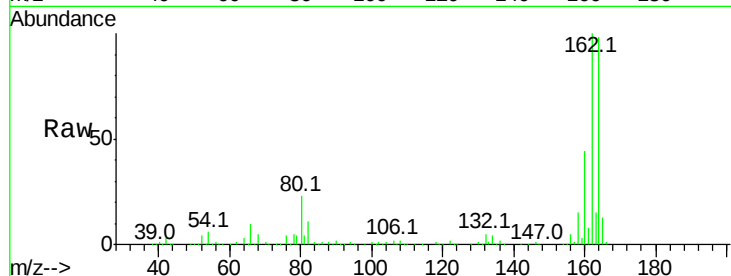
Tot Ion:164 Resp: 335371

Ion Ratio Lower Upper

164 100

162 102.3 80.2 120.2

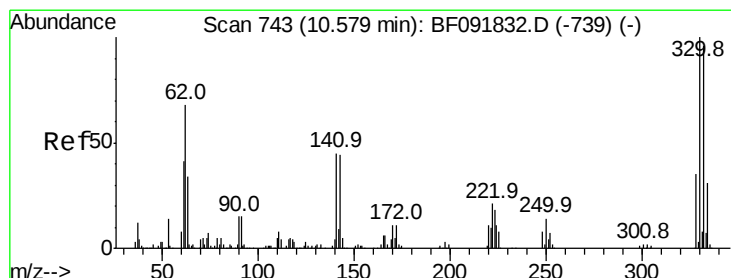
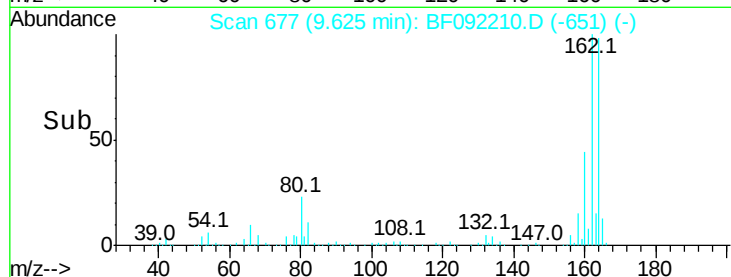
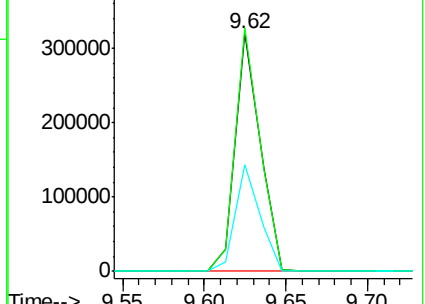
160 45.0 36.9 55.3



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: 148.51 ng

RT: 10.42 min Scan# 747

Delta R.T. 0.00 min

Lab File: BF092210.D

Acq: 12 Jan 2017 16:13

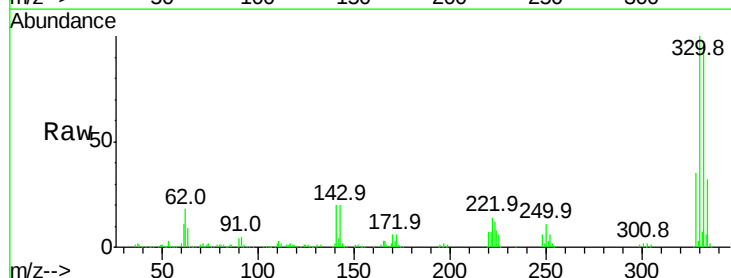
Tgt Ion:330 Resp: 412188

Ion Ratio Lower Upper

330 100

332 96.0 77.4 116.2

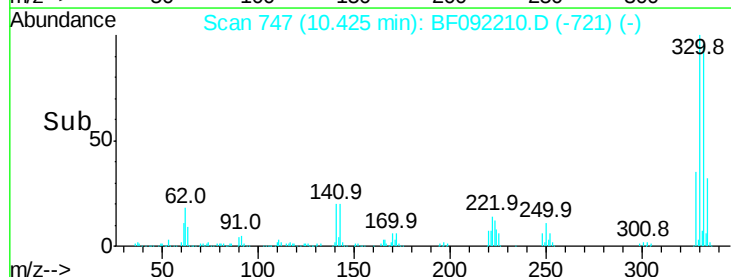
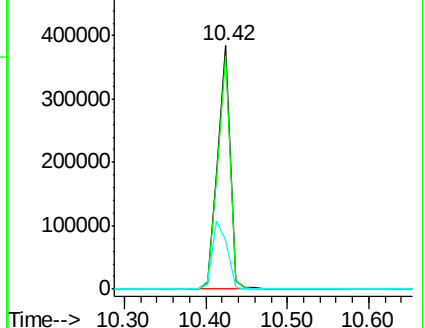
141 33.9 34.1 51.1#

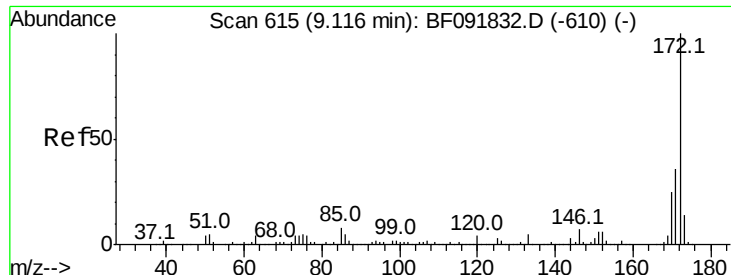


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

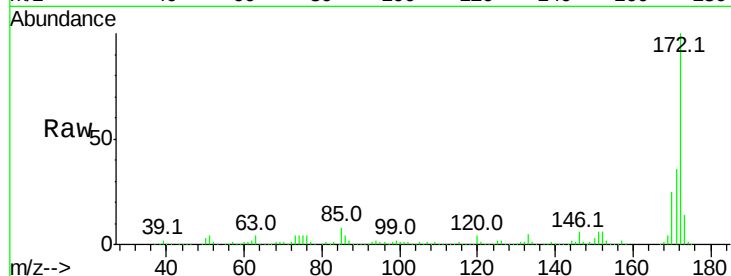




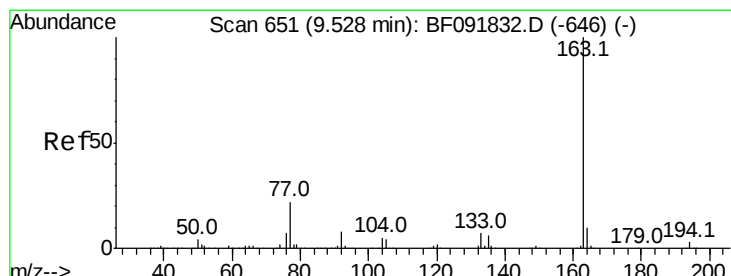
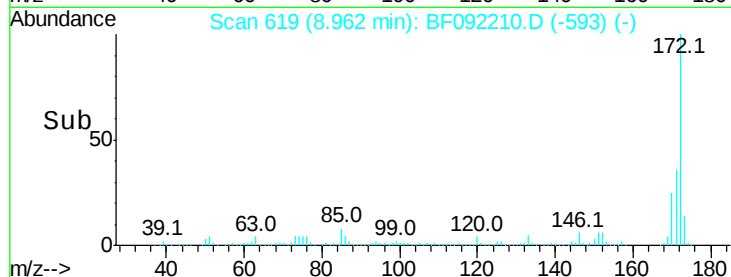
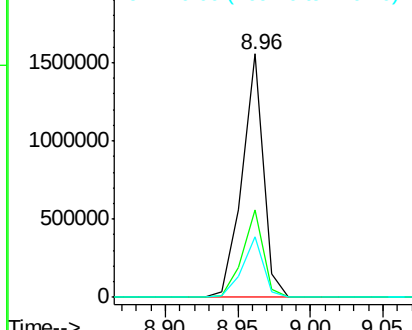
#44
2-Fluorobiphenyl
Concen: 98.35 ng
RT: 8.96 min Scan# 619
Delta R.T. 0.00 min
Lab File: BF092210.D
Acq: 12 Jan 2017 16:13

Instrument :
BNA_F
ClientSampleId :

Tot Ion:172 Resp: 1576643
Ion Ratio Lower Upper
172 100
171 35.7 29.4 44.0
170 24.7 20.2 30.4

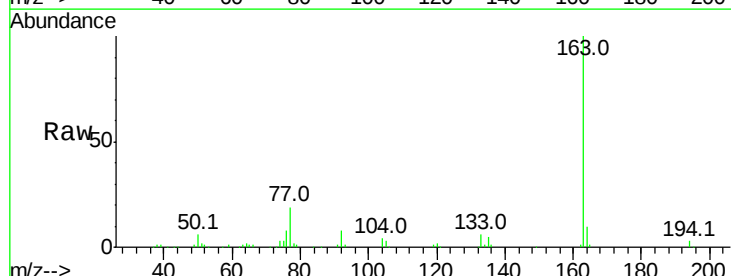


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

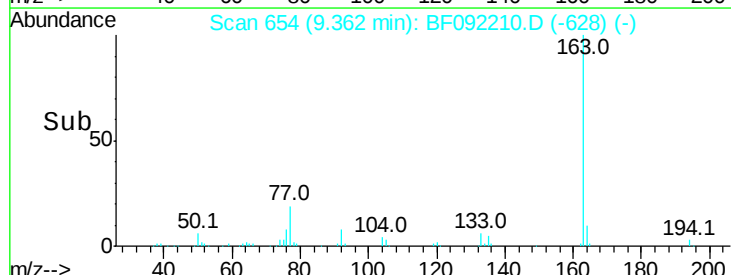
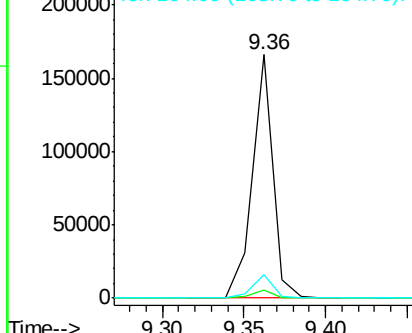


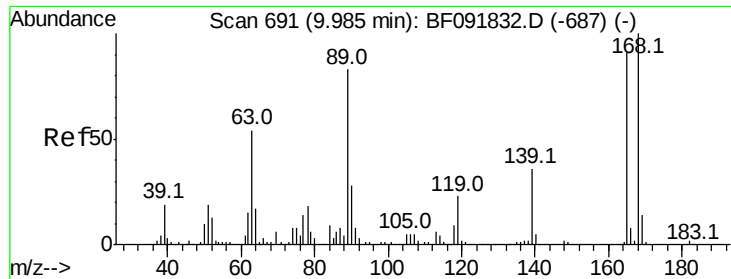
#49
Dimethylphthalate
Concen: 6.72 ng
RT: 9.36 min Scan# 654
Delta R.T. 0.00 min
Lab File: BF092210.D
Acq: 12 Jan 2017 16:13

Tgt Ion:163 Resp: 144133
Ion Ratio Lower Upper
163 100
194 3.3 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

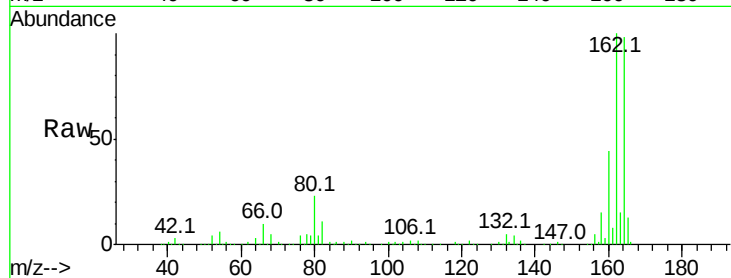




#56
 2,4-Dinitrotoluene
 Concen: 7.31 ng
 RT: 9.62 min Scan# 677
 Delta R.T. 0.00 min
 Lab File: BF092210.D
 Acq: 12 Jan 2017 16:13

Instrument :
 BNA_F
 ClientSampleId :

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

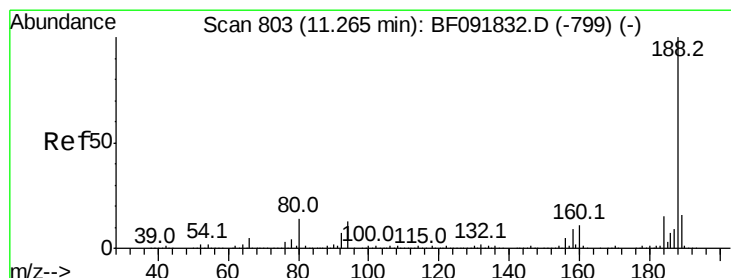
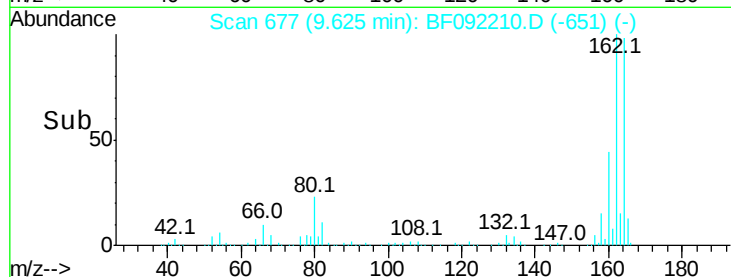
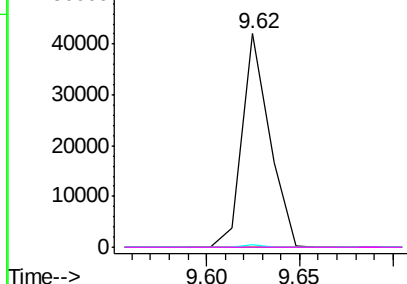


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BF0

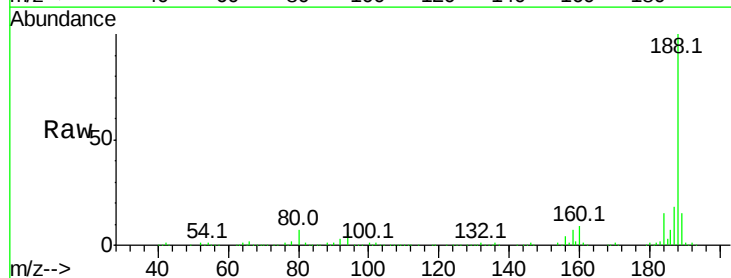
Ion 89.00 (88.70 to 89.70): BF0

Ion 182.00 (181.70 to 182.70): E



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.11 min Scan# 807
 Delta R.T. 0.00 min
 Lab File: BF092210.D
 Acq: 12 Jan 2017 16:13

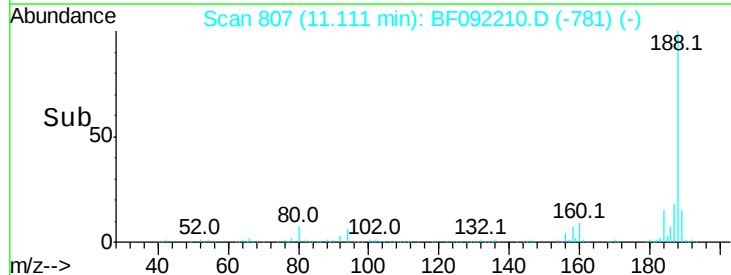
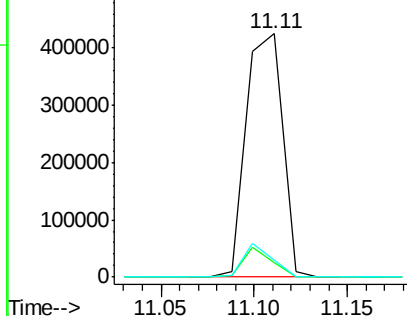
Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	10.0	15.0#
80	6.8	11.2	16.8#

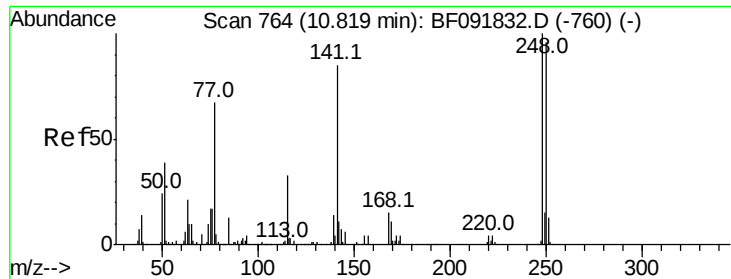


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

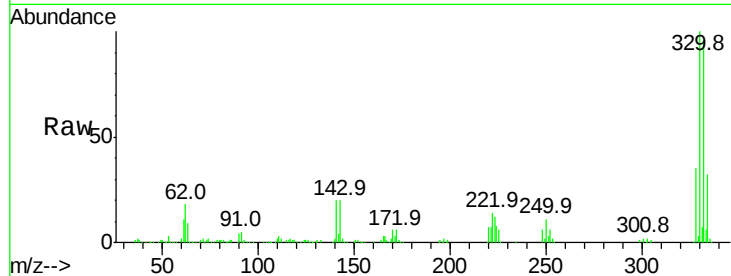




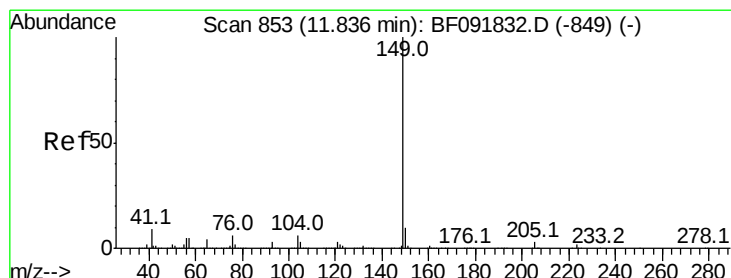
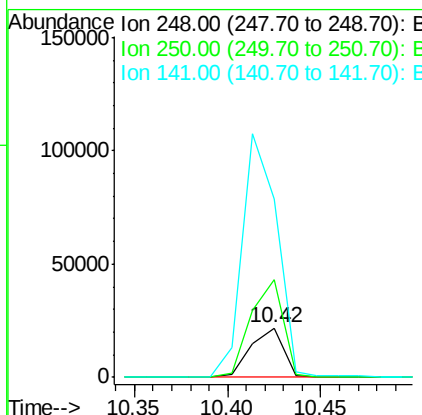
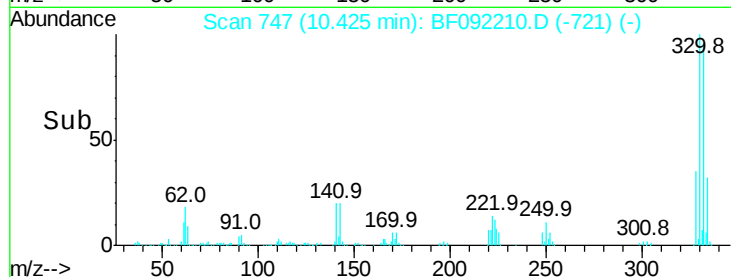
#66
 4-Bromophenyl-phenylether
 Concen: 4.36 ng
 RT: 10.42 min Scan# 747
 Delta R.T. 0.00 min
 Lab File: BF092210.D
 Acq: 12 Jan 2017 16:13

Instrument :
 BNA_F
 ClientSampled :

Tot Ion:248 Resp: 26133
 Ion Ratio Lower Upper
 248 100
 250 195.8 76.9 115.3#
 141 358.1 68.2 102.4#

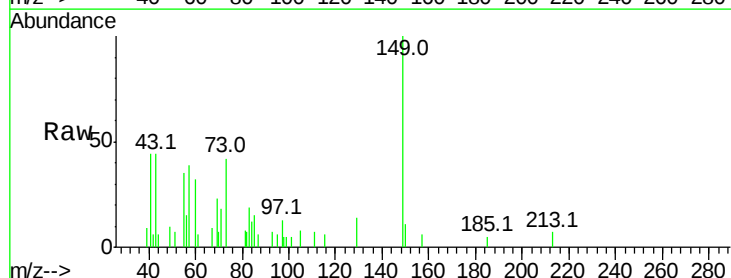


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

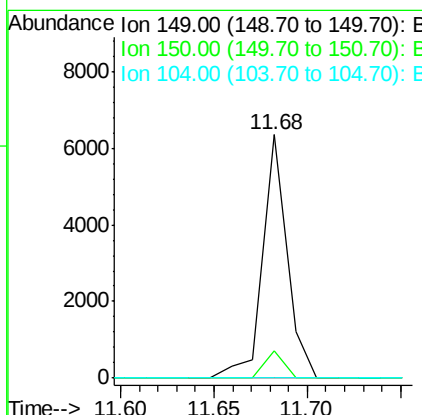
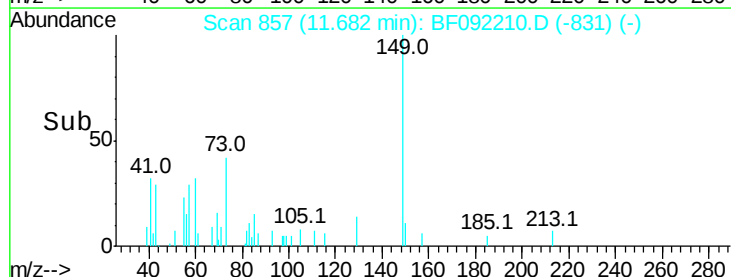


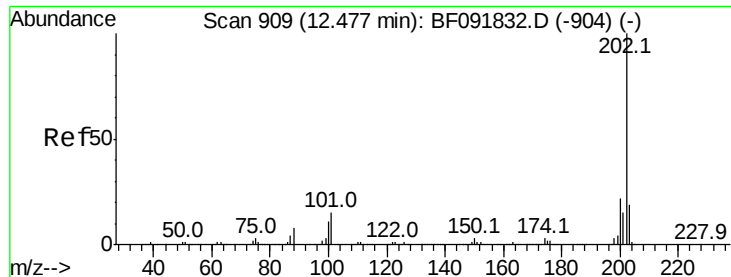
#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.68 min Scan# 857
 Delta R.T. 0.00 min
 Lab File: BF092210.D
 Acq: 12 Jan 2017 16:13

Tgt Ion:149 Resp: 5728
 Ion Ratio Lower Upper
 149 100
 150 11.2 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: 12.31 min Scan# 912

Delta R.T. 0.00 min

Lab File: BF092210.D

Acq: 12 Jan 2017 16:13

Instrument :

BNA_F

ClientSampleId :

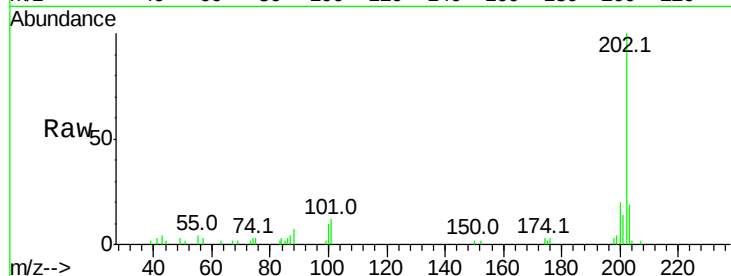
Tot Ion:202 Resp: 17858

Ion Ratio Lower Upper

202 100

101 12.4 0.0 34.6

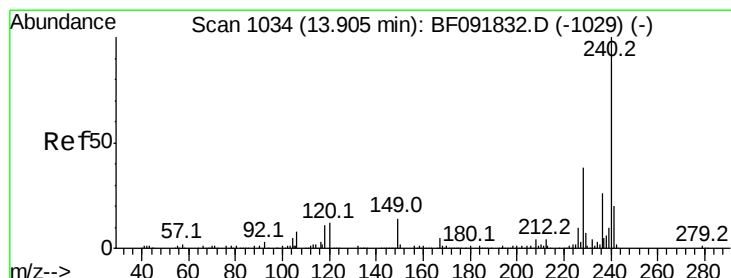
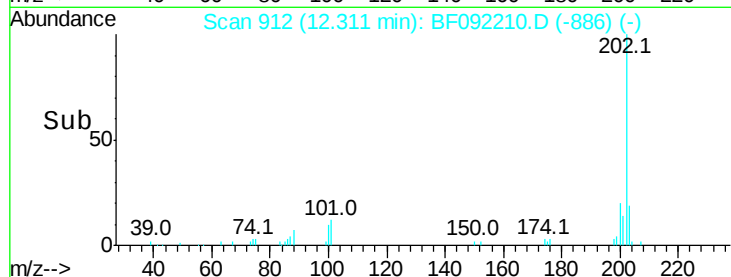
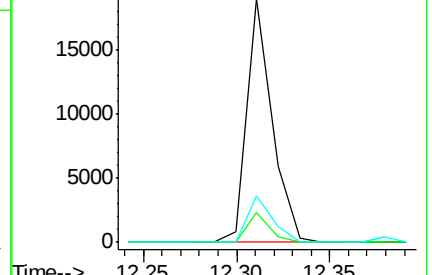
203 19.0 0.0 38.7



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: 13.73 min Scan# 1036

Delta R.T. 0.00 min

Lab File: BF092210.D

Acq: 12 Jan 2017 16:13

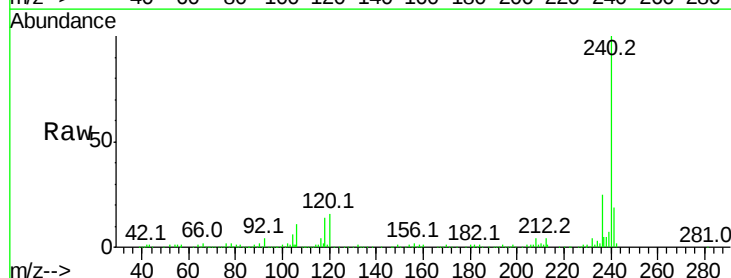
Tgt Ion:240 Resp: 382411

Ion Ratio Lower Upper

240 100

120 15.7 12.9 19.3

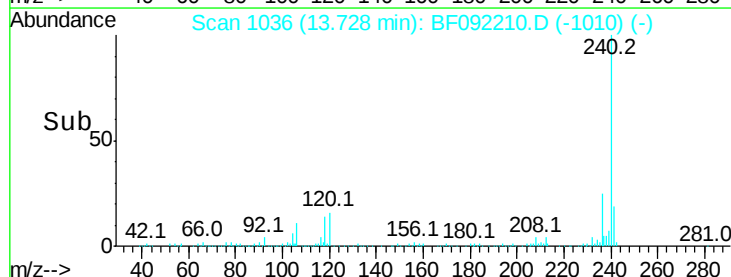
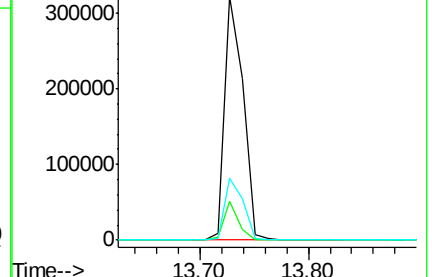
236 25.5 20.9 31.3

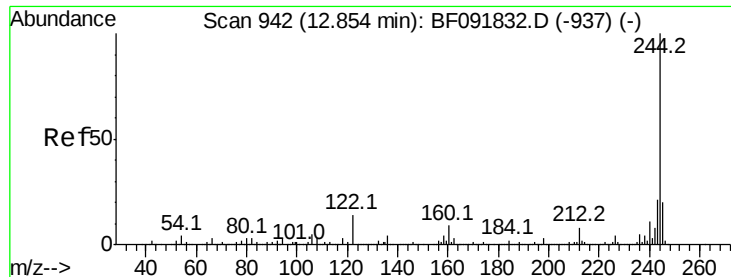


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.81 ng

RT: 12.70 min Scan# 946

Delta R.T. 0.00 min

Lab File: BF092210.D

Acq: 12 Jan 2017 16:13

Instrument :

BNA_F

ClientSampled :

Tot Ion:244 Resp: 1447608

Ion Ratio Lower Upper

244 100

212 6.6

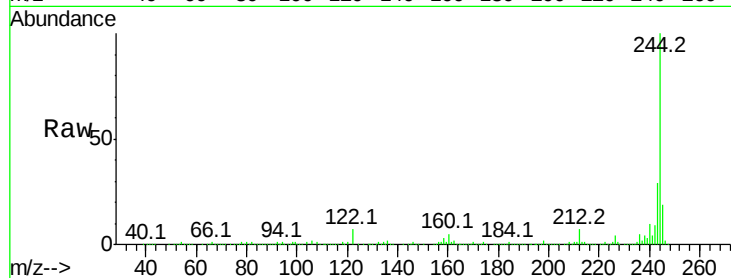
6.2

9.2

122 6.9

11.4

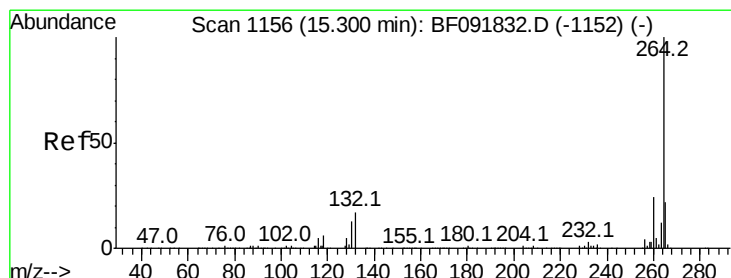
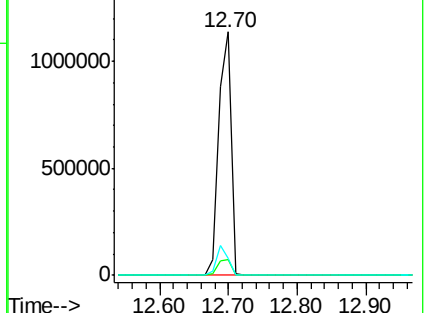
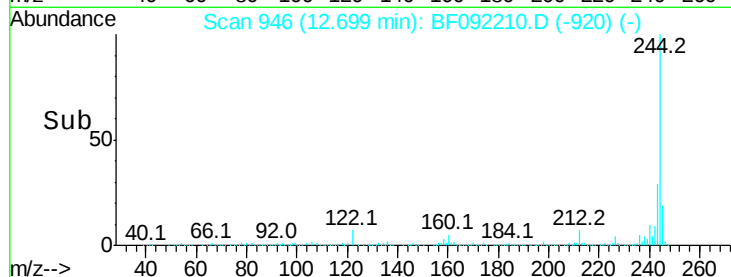
17.2#



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: 15.09 min Scan# 1155

Delta R.T. 0.00 min

Lab File: BF092210.D

Acq: 12 Jan 2017 16:13

Tgt Ion:264 Resp: 308598

Ion Ratio Lower Upper

264 100

260 23.4

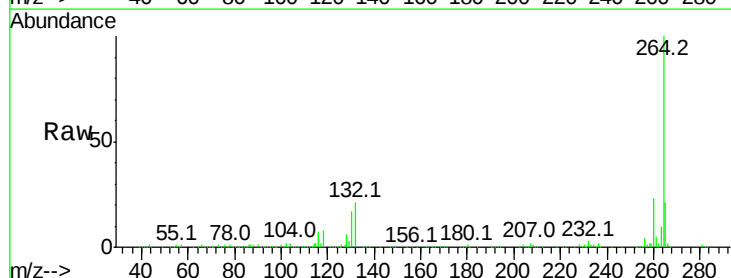
19.2

28.8

265 21.5

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

