

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF011217\
 Data File : BF092218.D
 Acq On : 12 Jan 2017 20:11
 Operator : UM/SJ
 Sample : I1030-03
 Misc :
 ALS Vial : 15 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0012

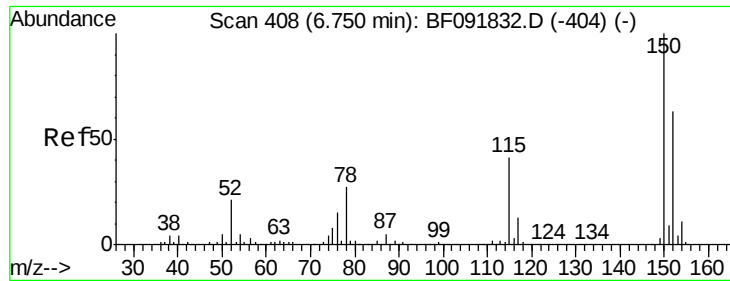
Quant Time: Jan 12 23:43:38 2017
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF122116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Jan 06 15:43:51 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.60	152	176532	20.00	ng	-0.05
21) Naphthalene-d8	7.88	136	649201	20.00	ng	-0.06
38) Acenaphthene-d10	9.62	164	341672	20.00	ng	-0.06
63) Phenanthrene-d10	11.11	188	660534	20.00	ng	-0.05
75) Chrysene-d12	13.73	240	366405	20.00	ng	-0.06
86) Perylene-d12	15.09	264	436269	20.00	ng	-0.06

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.19	112	1591950	150.57	ng	-0.05
7) Phenol-d6	6.26	99	1498397	116.08	ng	-0.05
23) Nitrobenzene-d5	7.17	82	1063952	91.13	ng	-0.05
41) 2,4,6-Tribromophenol	10.42	330	400813	141.75	ng	-0.05
44) 2-Fluorobiphenyl	8.96	172	1552973	94.58	ng	-0.05
78) Terphenyl-d14	12.69	244	1556009	102.99	ng	-0.06

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
10) Phenol	6.28	94	83035	5.65	ng	# 69
19) n-Nitroso-di-n-propylamine	7.17	70	142871	16.64	ng	# 74
25) Isophorone	7.17	82	1050088	48.75	ng	# 65
37) 2-Methylnaphthalene	8.60	142	442	Below Cal		# 62
49) Dimethylphthalate	9.36	163	153149	7.01	ng	99
56) 2,4-Dinitrotoluene	9.62	165	43482	7.24	ng	# 20
66) 4-Bromophenyl-phenylether	10.42	248	25225	3.67	ng	# 1
71) Anthracene	11.13	178	7538	Below Cal		95
73) Di-n-butylphthalate	11.68	149	12199	Below Cal		98
74) Fluoranthene	12.31	202	18525	Below Cal		99
76) Benizidine	12.69	184	20097	Below Cal		# 96

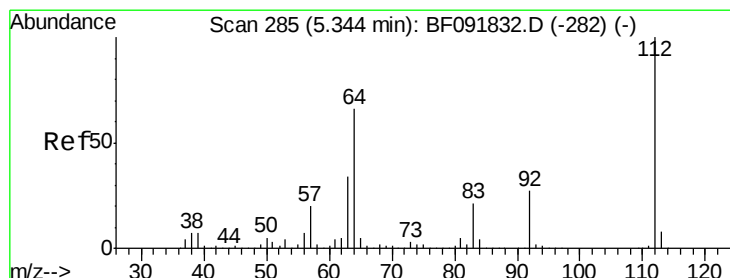
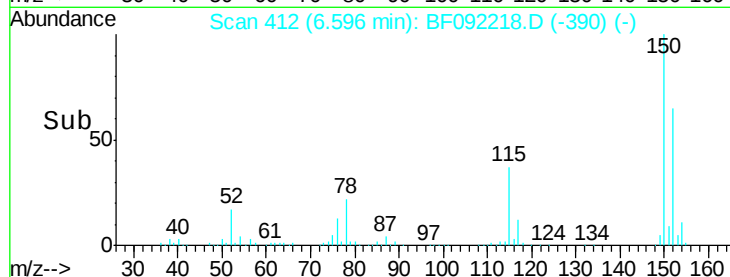
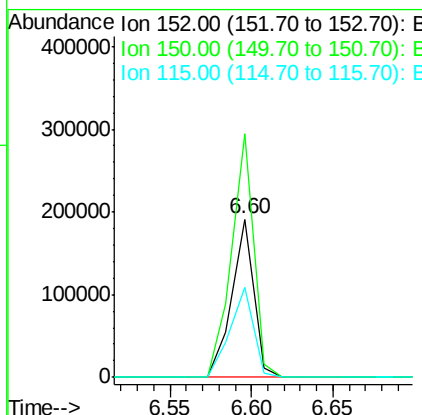
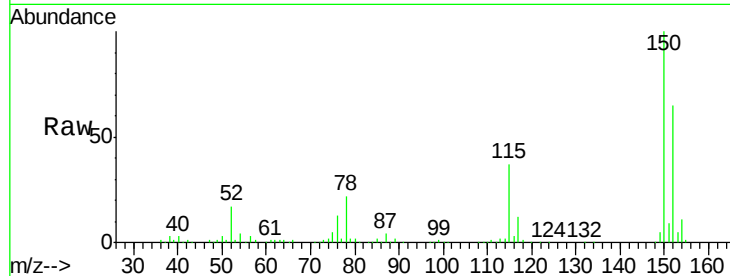
(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.60 min Scan# 412
 Delta R.T. -0.05 min
 Lab File: BF092218.D
 Acq: 12 Jan 2017 20:11

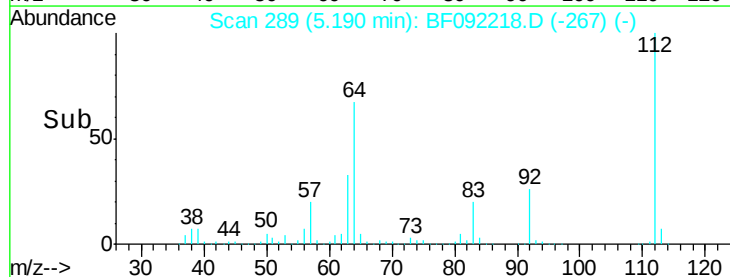
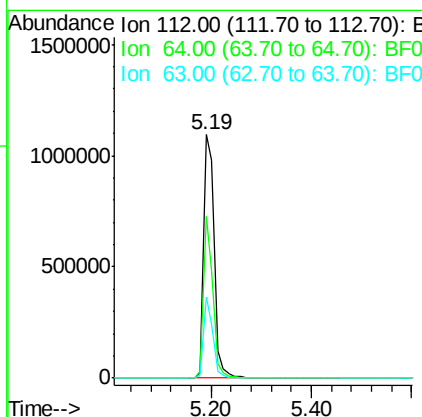
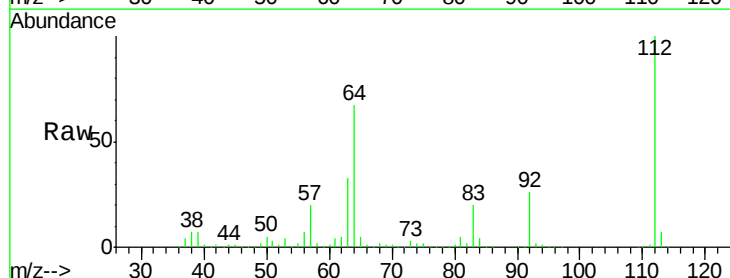
Instrument :
 BNA_F
 ClientSampleId :
 COMP-0012

Tgt Ion:152 Resp: 176532
 Ion Ratio Lower Upper
 152 100
 150 154.2 124.9 187.3
 115 57.0 46.0 69.0



#5
 2-Fluorophenol
 Concen: 150.57 ng
 RT: 5.19 min Scan# 289
 Delta R.T. -0.05 min
 Lab File: BF092218.D
 Acq: 12 Jan 2017 20:11

Tgt Ion:112 Resp: 1591950
 Ion Ratio Lower Upper
 112 100
 64 66.6 46.1 69.1
 63 33.5 23.8 35.6





#7

Phenol-d6

Concen: 116.08 ng

RT: 6.26 min Scan# 383

Delta R.T. -0.05 min

Lab File: BF092218.D

Acq: 12 Jan 2017 20:11

Instrument :

BNA_F

ClientSampleId :

COMP-0012

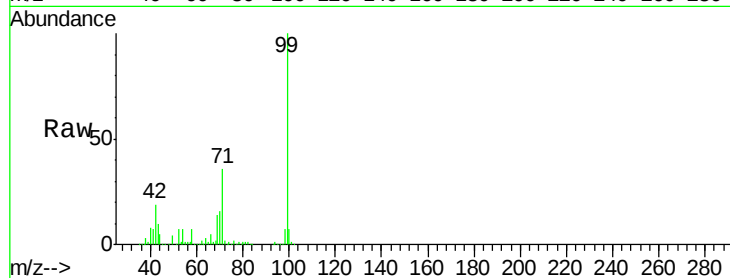
Tgt Ion: 99 Resp: 1498397

Ion Ratio Lower Upper

99 100

42 19.5 15.6 23.4

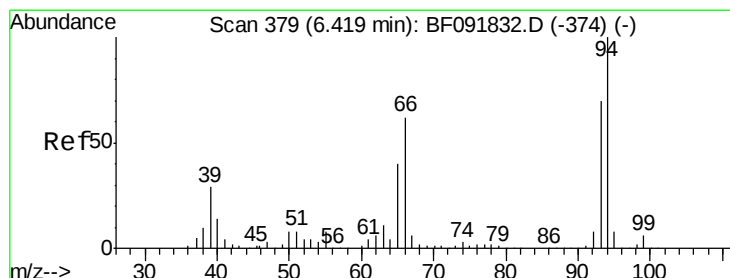
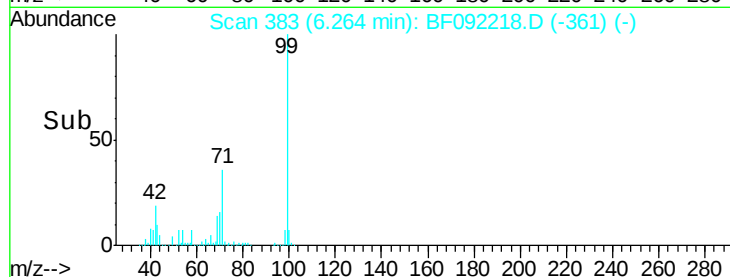
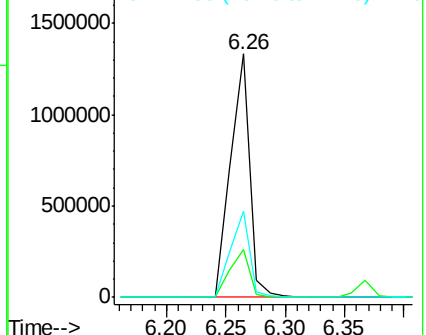
71 35.6 27.5 41.3



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: 5.65 ng

RT: 6.28 min Scan# 384

Delta R.T. -0.05 min

Lab File: BF092218.D

Acq: 12 Jan 2017 20:11

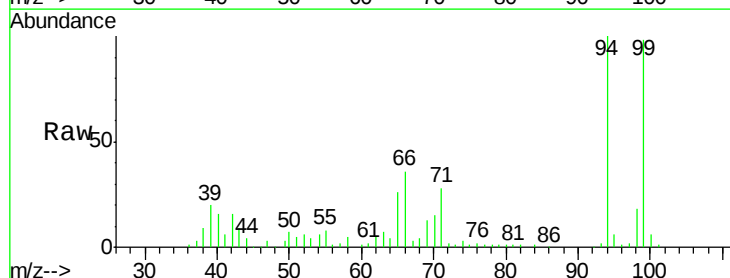
Tgt Ion: 94 Resp: 83035

Ion Ratio Lower Upper

94 100

65 26.0 21.4 61.4

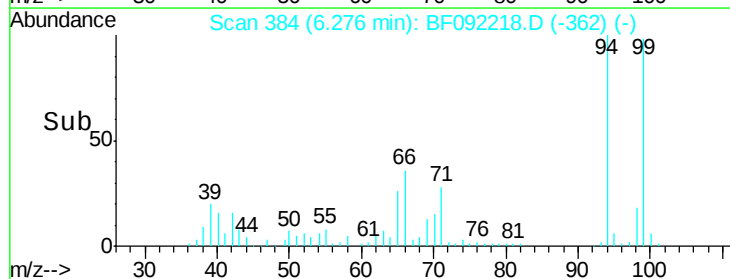
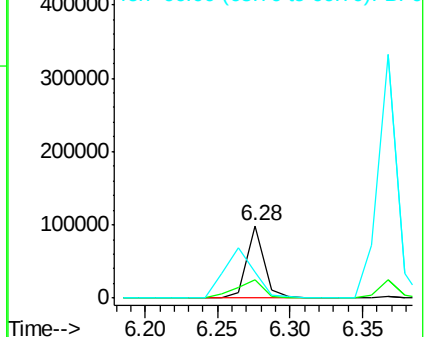
66 36.0 44.0 84.0#



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

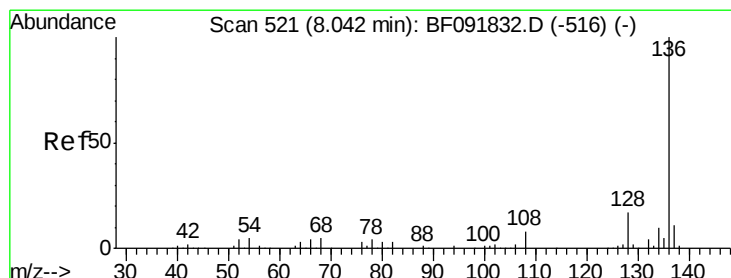
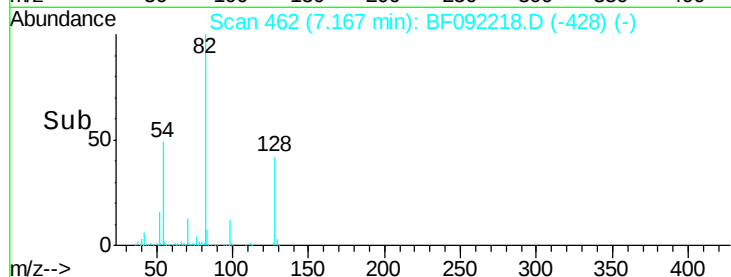
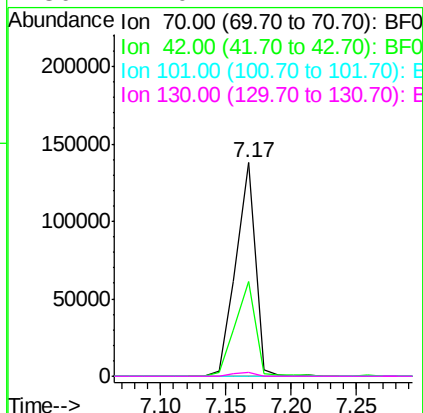
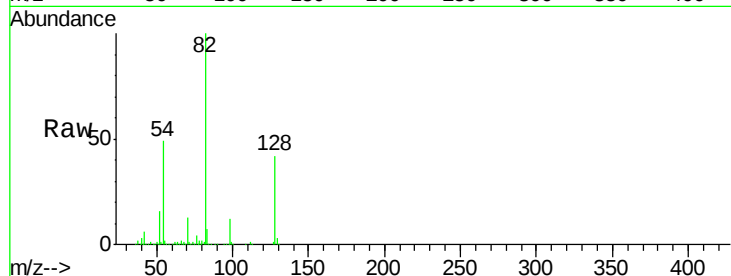




#19
n-Nitroso-di-n-propylamine
Concen: 16.64 ng
RT: 7.17 min Scan# 462
Delta R.T. 0.09 min
Lab File: BF092218.D
Acq: 12 Jan 2017 20:11

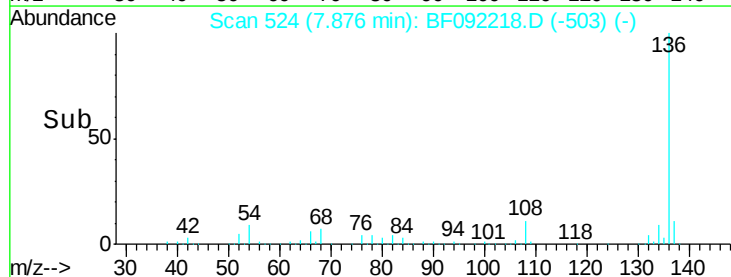
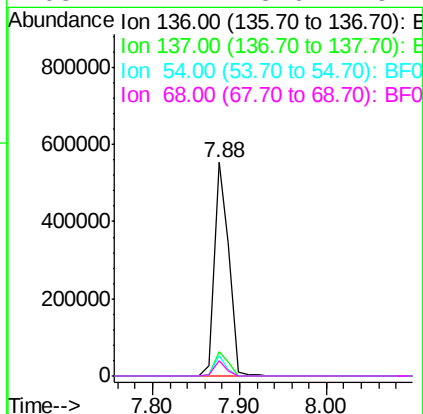
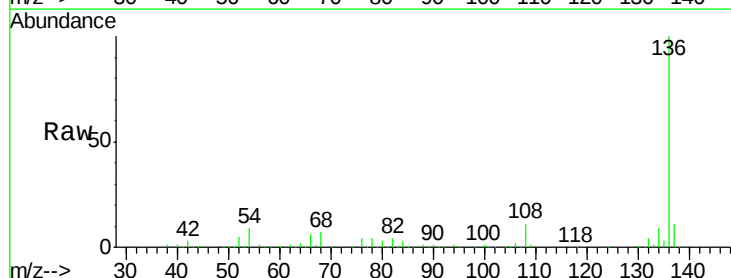
Instrument :
BNA_F
ClientSampleId :
COMP-0012

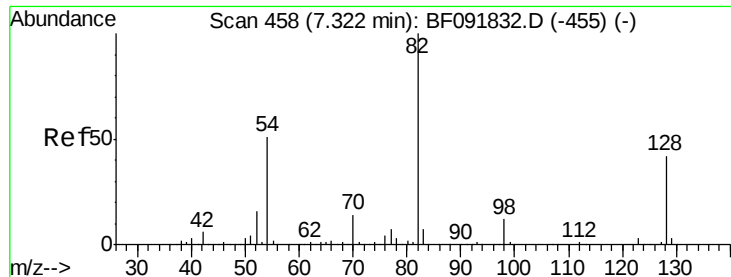
Tgt Ion: 70 Resp: 142871
Ion Ratio Lower Upper
70 100
42 44.2 49.4 74.0#
101 0.0 7.4 11.2#
130 2.0 14.2 21.4#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 7.88 min Scan# 524
Delta R.T. -0.06 min
Lab File: BF092218.D
Acq: 12 Jan 2017 20:11

Tgt Ion: 136 Resp: 649201
Ion Ratio Lower Upper
136 100
137 11.2 8.4 12.6
54 9.3 4.5 6.7#
68 7.1 3.6 5.4#

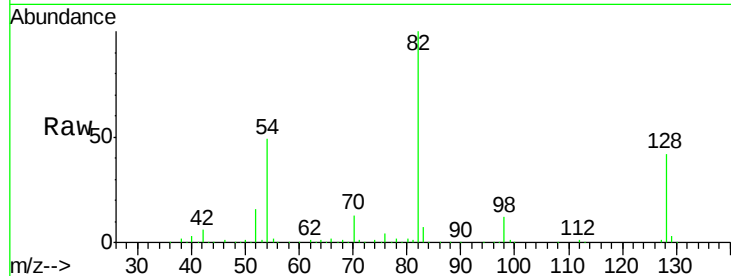




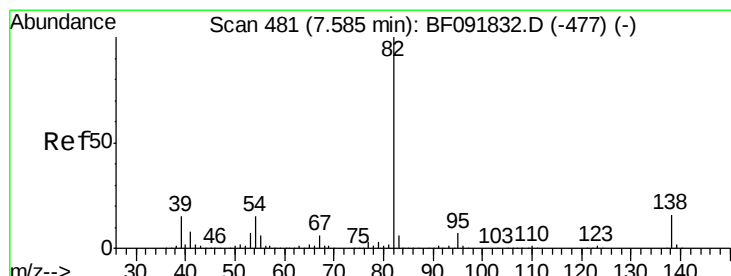
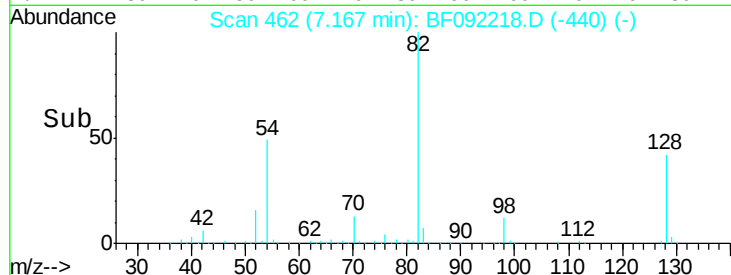
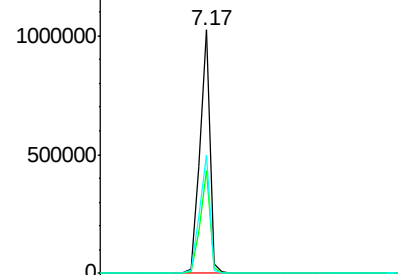
#23
Nitrobenzene-d5
Concen: 91.13 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.05 min
Lab File: BF092218.D
Acq: 12 Jan 2017 20:11

Instrument :
BNA_F
ClientSampleId :
COMP-0012

Tgt Ion: 82 Resp: 1063952
Ion Ratio Lower Upper
82 100
128 42.3 34.6 52.0
54 48.8 39.5 59.3

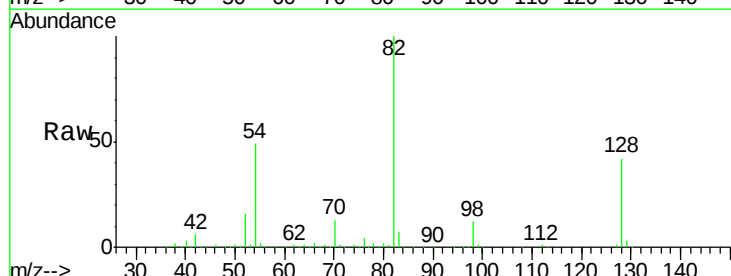


Abundance Ion 82.00 (81.70 to 82.70): BF0
Ion 128.00 (127.70 to 128.70): BF0
Ion 54.00 (53.70 to 54.70): BF0

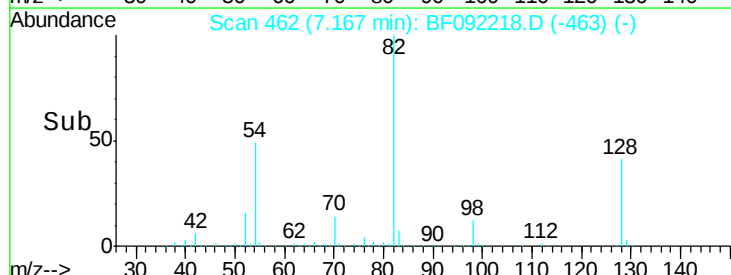
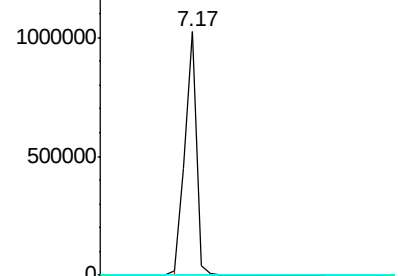


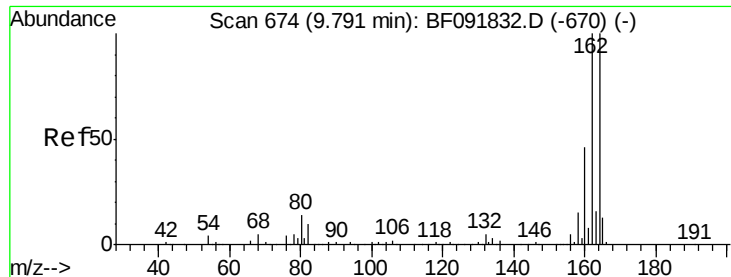
#25
Isophorone
Concen: 48.75 ng
RT: 7.17 min Scan# 462
Delta R.T. -0.31 min
Lab File: BF092218.D
Acq: 12 Jan 2017 20:11

Tgt Ion: 82 Resp: 1050088
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: BF092218.D

Acq: 12 Jan 2017 20:11

Instrument :

BNA_F

ClientSampleId :

COMP-0012

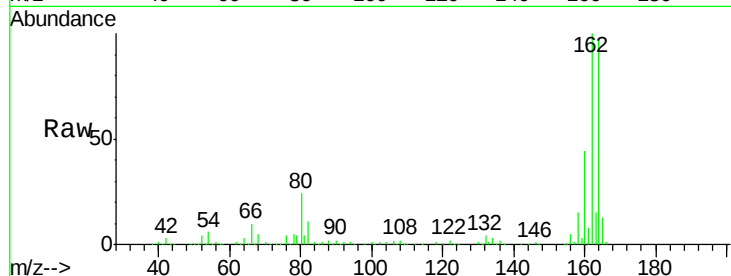
Tgt Ion:164 Resp: 341672

Ion Ratio Lower Upper

164 100

162 102.9 80.2 120.2

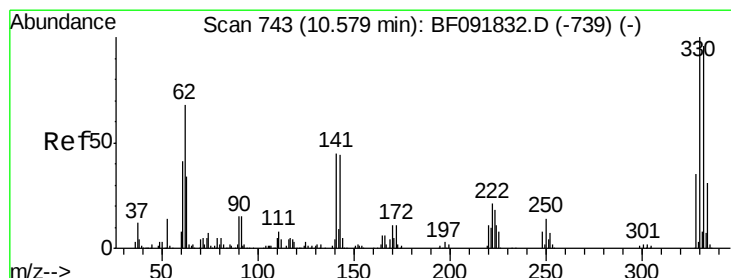
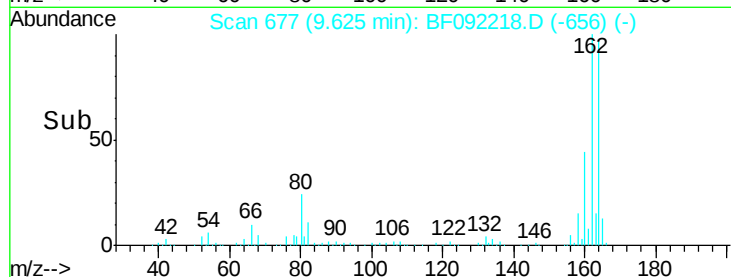
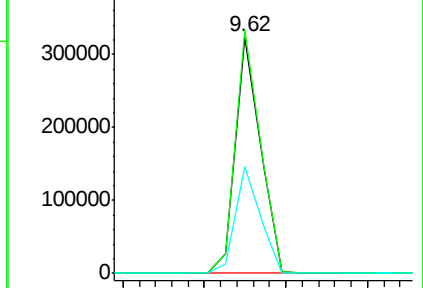
160 44.9 36.9 55.3



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: 141.75 ng

RT: 10.42 min Scan# 747

Delta R.T. -0.05 min

Lab File: BF092218.D

Acq: 12 Jan 2017 20:11

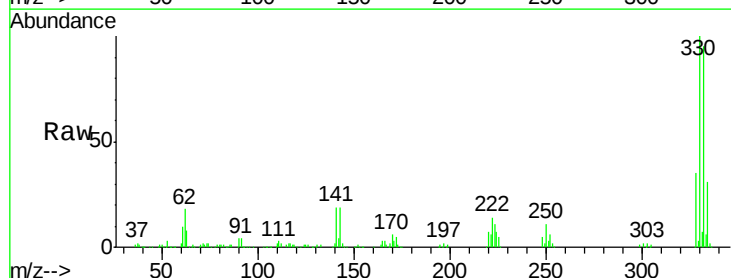
Tgt Ion:330 Resp: 400813

Ion Ratio Lower Upper

330 100

332 95.8 77.4 116.2

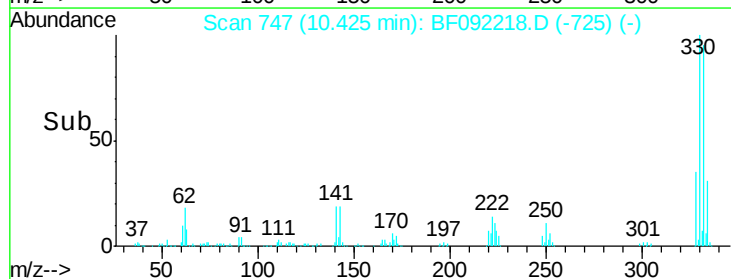
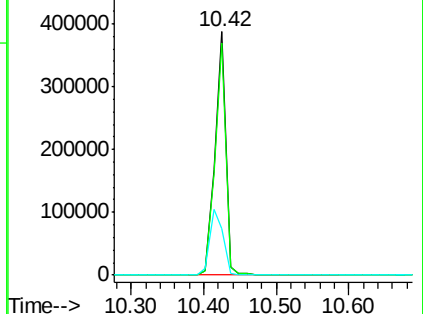
141 33.4 34.1 51.1#

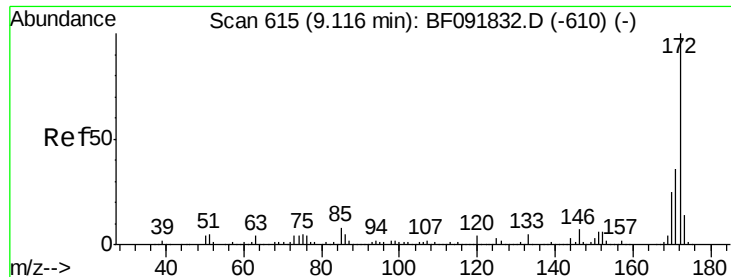


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

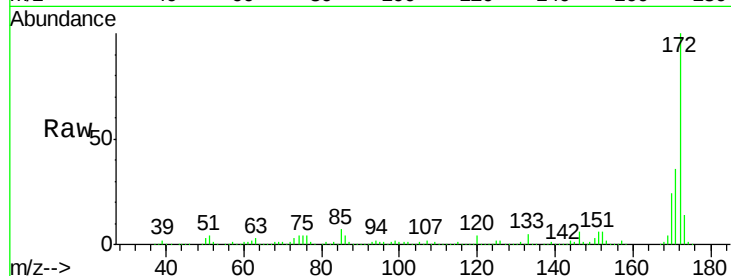




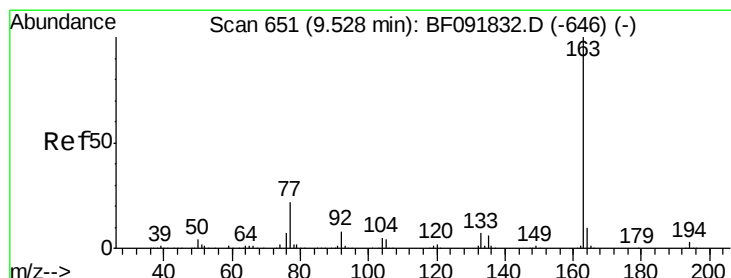
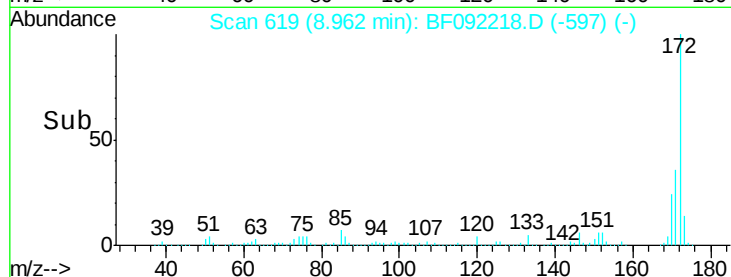
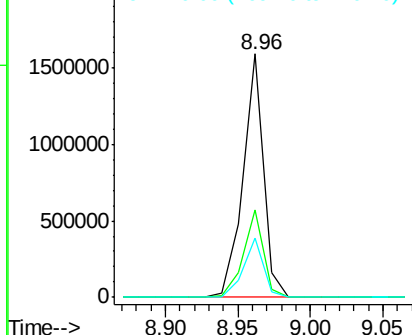
#44
 2-Fluorobiphenyl
 Concen: 94.58 ng
 RT: 8.96 min Scan# 619
 Delta R.T. -0.05 min
 Lab File: BF092218.D
 Acq: 12 Jan 2017 20:11

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0012

Tgt Ion:172 Resp: 1552973
 Ion Ratio Lower Upper
 172 100
 171 35.9 29.4 44.0
 170 24.4 20.2 30.4

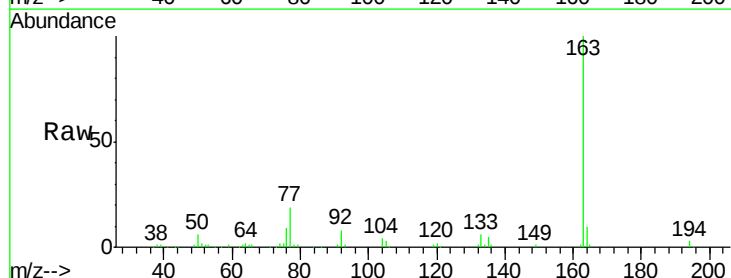


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

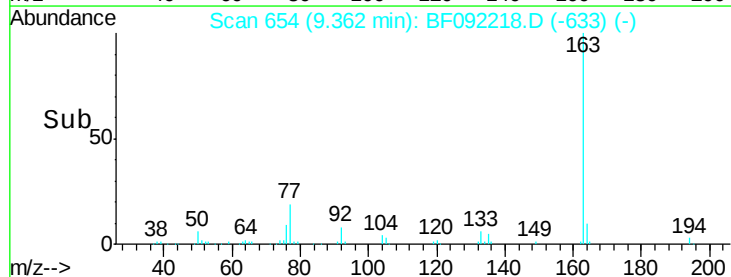
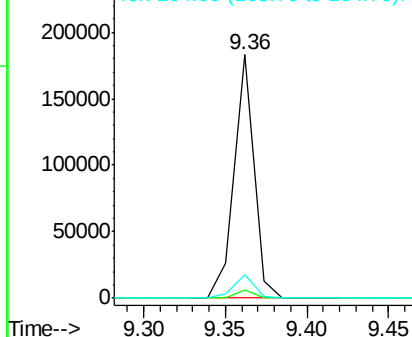


#49
 Dimethylphthalate
 Concen: 7.01 ng
 RT: 9.36 min Scan# 654
 Delta R.T. -0.06 min
 Lab File: BF092218.D
 Acq: 12 Jan 2017 20:11

Tgt Ion:163 Resp: 153149
 Ion Ratio Lower Upper
 163 100
 194 3.3 3.0 4.4
 164 9.5 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: 7.24 ng

RT: 9.62 min Scan# 677

Delta R.T. -0.26 min

Lab File: BF092218.D

Acq: 12 Jan 2017 20:11

Instrument :

BNA_F

ClientSampleId :

COMP-0012

Tgt Ion:165 Resp: 43482

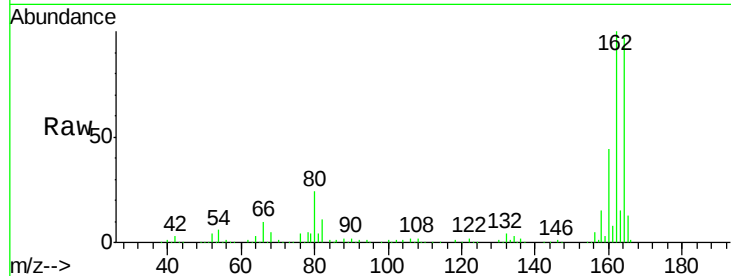
Ion Ratio Lower Upper

165 100

63 1.4 40.2 60.4#

89 1.0 62.5 93.7#

182 0.0 1.8 2.8#

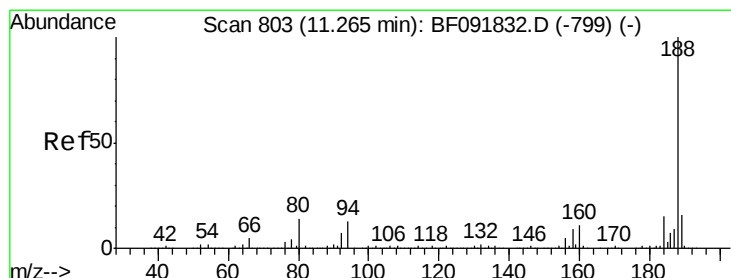
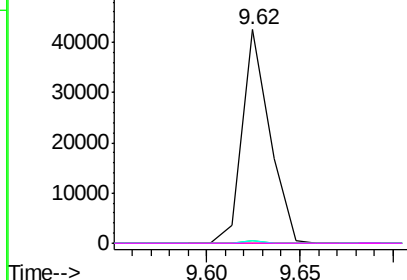
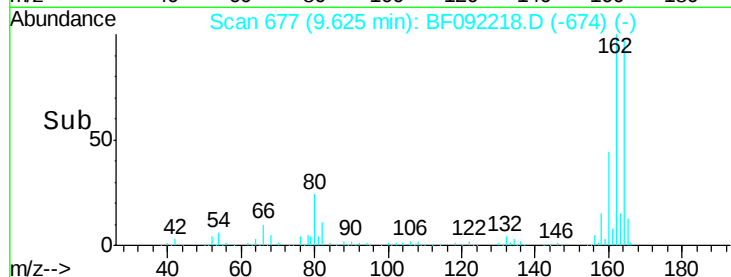


Abundance Ion 165.00 (164.70 to 165.70): E

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. -0.05 min

Lab File: BF092218.D

Acq: 12 Jan 2017 20:11

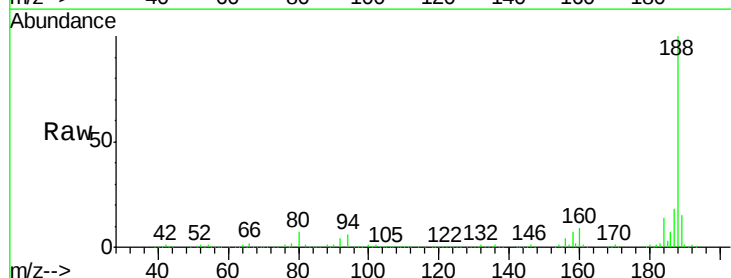
Tgt Ion:188 Resp: 660534

Ion Ratio Lower Upper

188 100

94 6.5 10.0 15.0#

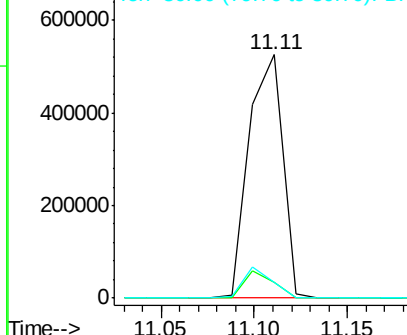
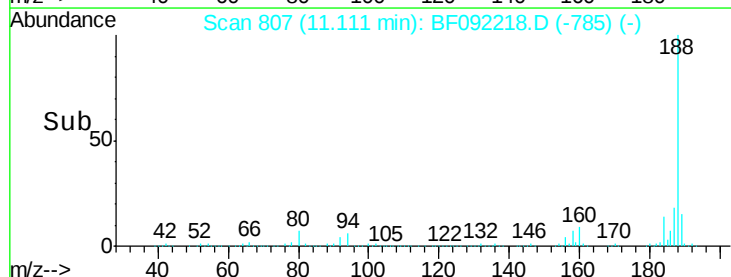
80 6.6 11.2 16.8#

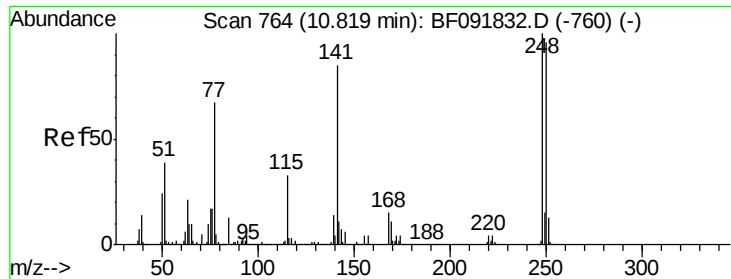


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

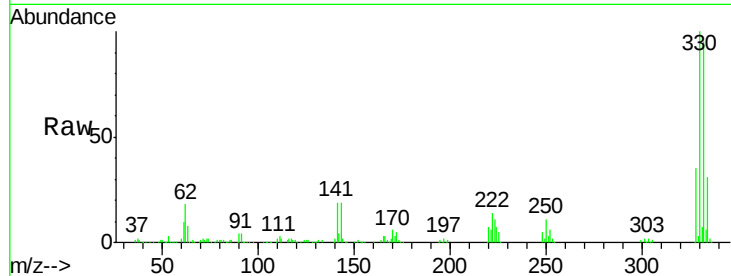




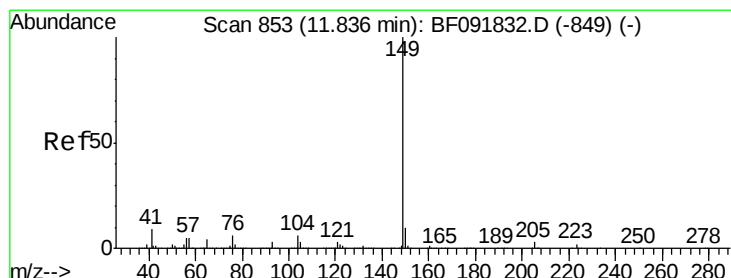
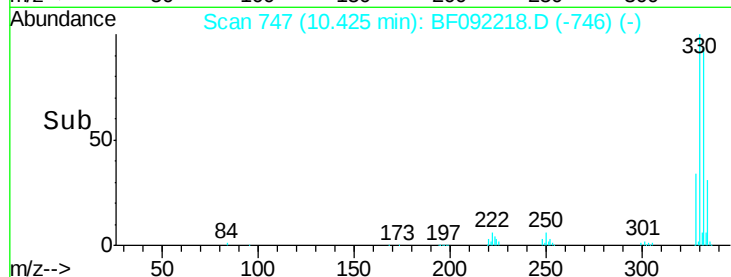
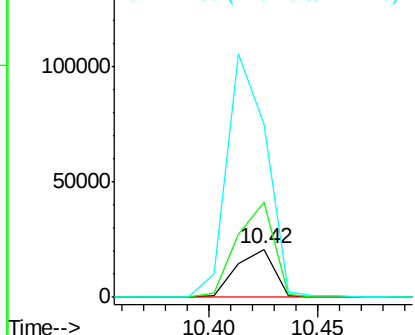
#66
 4-Bromophenyl-phenylether
 Concen: 3.67 ng
 RT: 10.42 min Scan# 747
 Delta R.T. -0.29 min
 Lab File: BF092218.D
 Acq: 12 Jan 2017 20:11

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0012

Tgt Ion:248 Resp: 25225
 Ion Ratio Lower Upper
 248 100
 250 198.0 76.9 115.3#
 141 358.6 68.2 102.4#

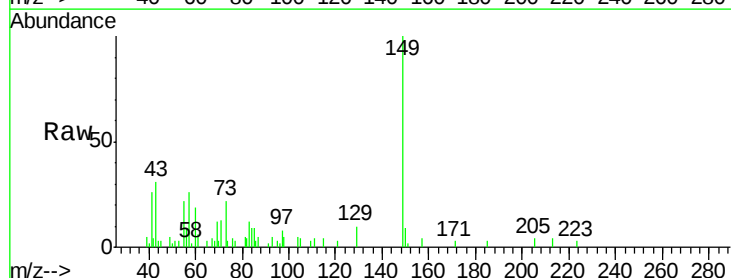


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

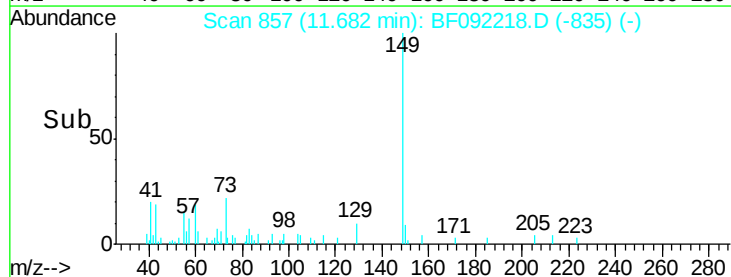
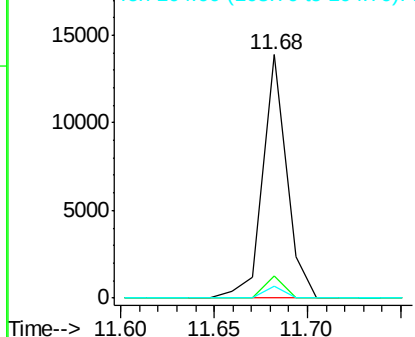


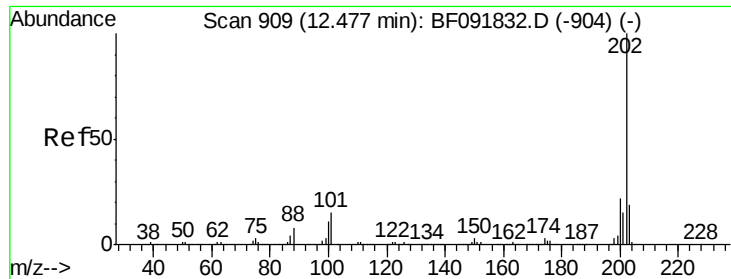
#73
 Di-n-butylphthalate
 Concen: Below Cal
 RT: 11.68 min Scan# 857
 Delta R.T. -0.05 min
 Lab File: BF092218.D
 Acq: 12 Jan 2017 20:11

Tgt Ion:149 Resp: 12199
 Ion Ratio Lower Upper
 149 100
 150 9.2 8.1 12.1
 104 5.0 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

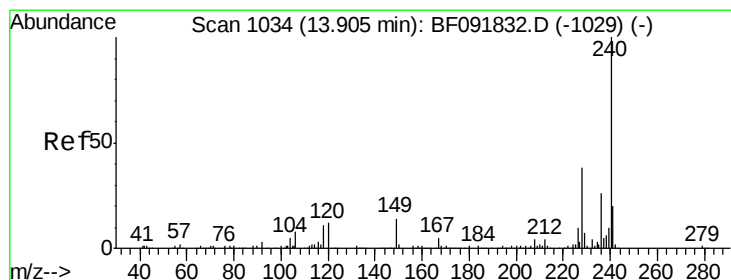
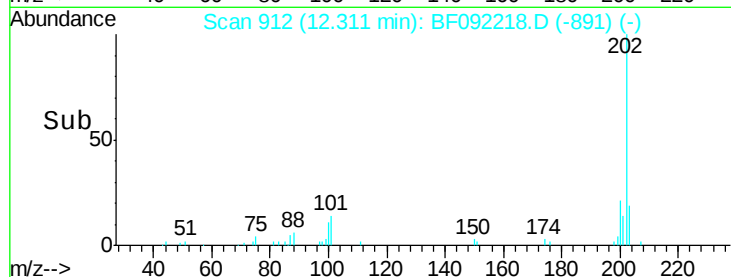
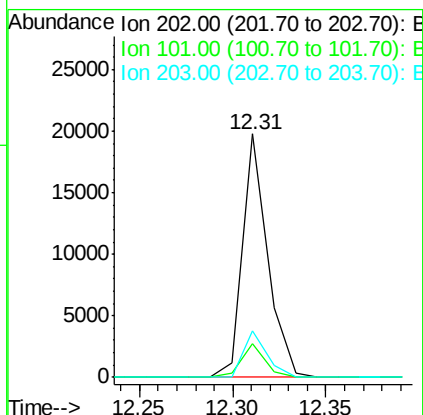
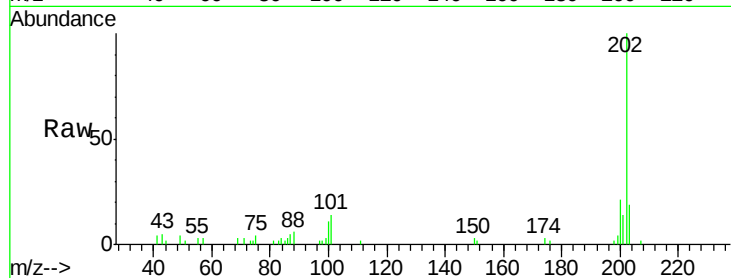




#74
Fluoranthene
Concen: Below Cal
RT: 12.31 min Scan# 912
Delta R.T. -0.06 min
Lab File: BF092218.D
Acq: 12 Jan 2017 20:11

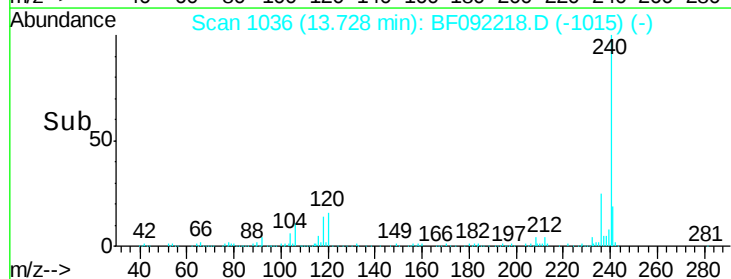
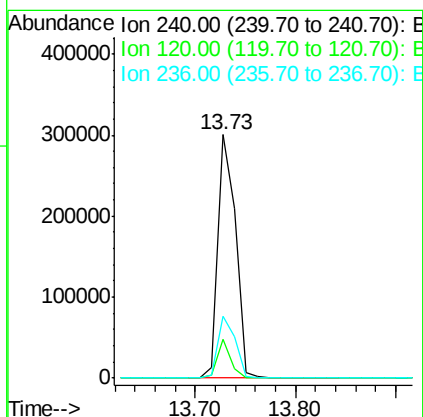
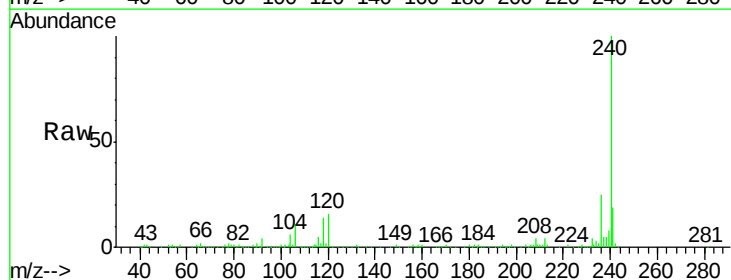
Instrument :
BNA_F
ClientSampleId :
COMP-0012

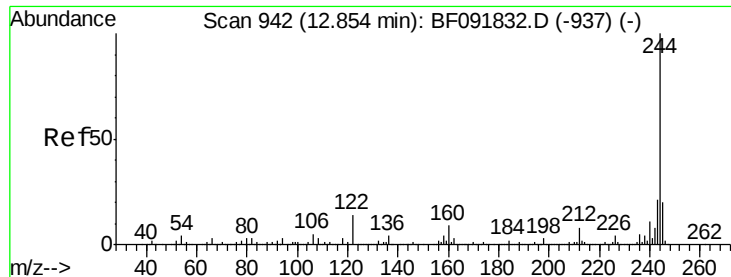
Tgt Ion	Ratio	Lower	Upper
202	100		
101	14.1	0.0	34.6
203	19.0	0.0	38.7



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.73 min Scan# 1036
Delta R.T. -0.06 min
Lab File: BF092218.D
Acq: 12 Jan 2017 20:11

Tgt Ion	Ratio	Lower	Upper
240	100		
120	15.7	12.9	19.3
236	25.2	20.9	31.3

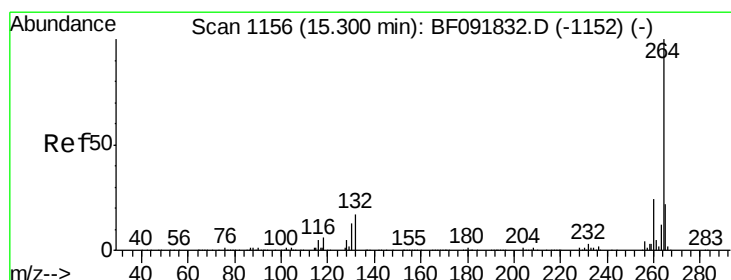
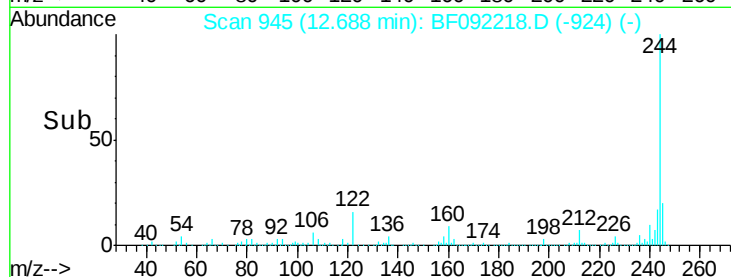
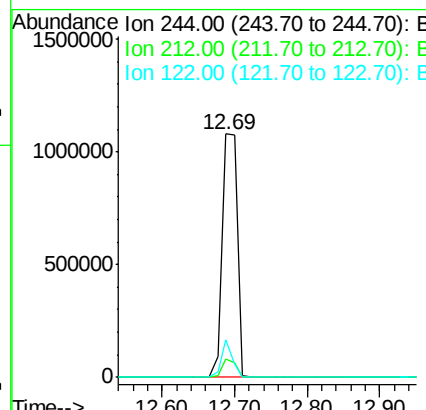
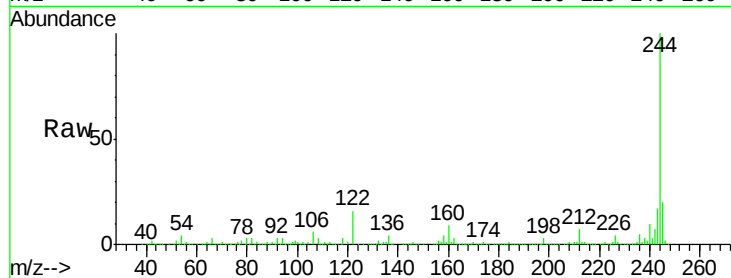




#78
 Terphenyl-d14
 Concen: 102.99 ng
 RT: 12.69 min Scan# 945
 Delta R.T. -0.06 min
 Lab File: BF092218.D
 Acq: 12 Jan 2017 20:11

Instrument :
 BNA_F
 ClientSampleId :
 COMP-0012

Tgt Ion:244 Resp: 1556009
 Ion Ratio Lower Upper
 244 100
 212 7.4 6.2 9.2
 122 15.5 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: BF092218.D
 Acq: 12 Jan 2017 20:11

Tgt Ion:264 Resp: 436269
 Ion Ratio Lower Upper
 264 100
 260 23.6 19.2 28.8
 265 21.6 17.4 26.0

