

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF110416\
 Data File : BF091028.D
 Acq On : 4 Nov 2016 18:50
 Operator : UM/SJ
 Sample : H5526-21
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SB-108-22.5-23.0

Quant Time: Nov 04 23:24:34 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF110316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 04 11:03:12 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.70	152	187673	20.00	ng	0.00
21) Naphthalene-d8	7.98	136	795536	20.00	ng	-0.01
38) Acenaphthene-d10	9.74	164	421508	20.00	ng	0.00
63) Phenanthrene-d10	11.22	188	709591	20.00	ng	-0.01
75) Chrysene-d12	13.85	240	538175	20.00	ng	-0.01
86) Perylene-d12	15.24	264	394327	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.30	112	1558789	137.18	ng	0.01
7) Phenol-d6	6.35	99	2111376	136.89	ng	0.00
23) Nitrobenzene-d5	7.28	82	1537961	105.46	ng	0.00
41) 2,4,6-Tribromophenol	10.53	330	564101	148.03	ng	0.00
44) 2-Fluorobiphenyl	9.07	172	2156017	88.06	ng	0.00
78) Terphenyl-d14	12.81	244	2124499	98.51	ng	0.00

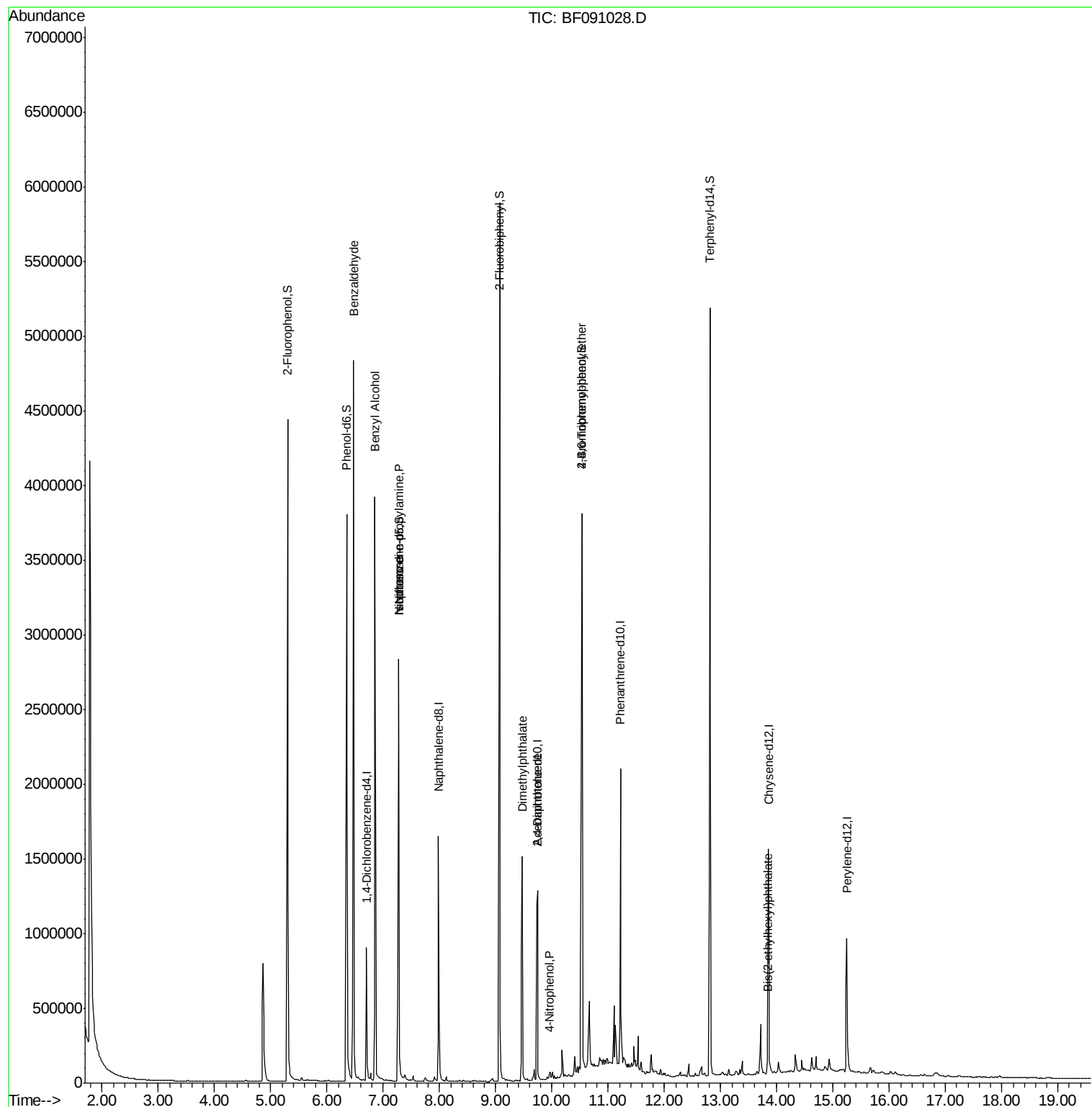
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
9) Benzaldehyde	6.48	77	42182	4.93	ng	93
15) Benzyl Alcohol	6.85	79	23574	2.17	ng	# 57
19) n-Nitroso-di-n-propylamine	7.28	70	212163	19.85	ng	# 75
25) Isophorone	7.28	82	1373592	48.88	ng	# 67
49) Dimethylphthalate	9.47	163	763978	27.64	ng	98
55) 4-Nitrophenol	9.95	139	874	5.91	ng	# 32
56) 2,4-Dinitrotoluene	9.74	165	53444	7.09	ng	# 26
66) 4-Bromophenyl-phenylether	10.53	248	40005	5.42	ng	# 1
83) Bis(2-ethylhexyl)phthalate	13.84	149	72082	3.16	ng	99

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

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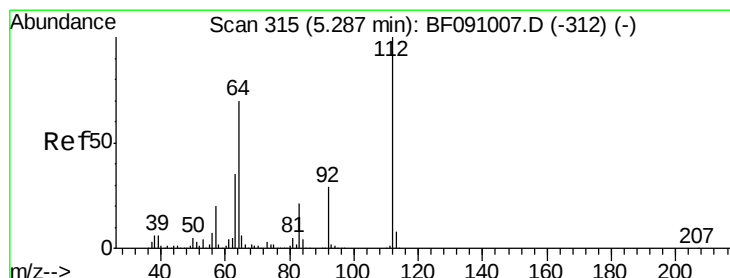
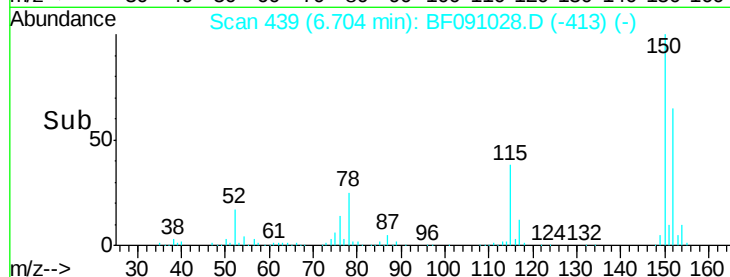
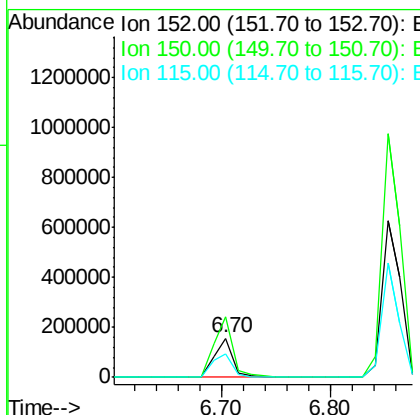
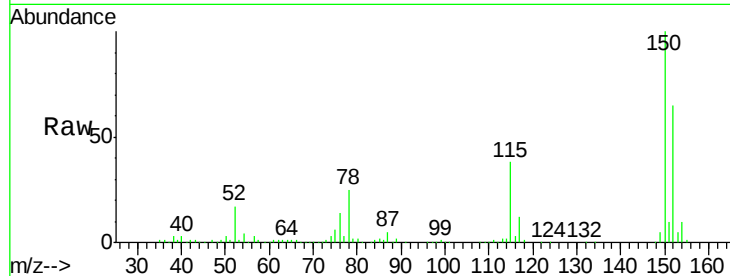




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.70 min Scan# 439
 Delta R.T. -0.00 min
 Lab File: BF091028.D
 Acq: 4 Nov 2016 18:50

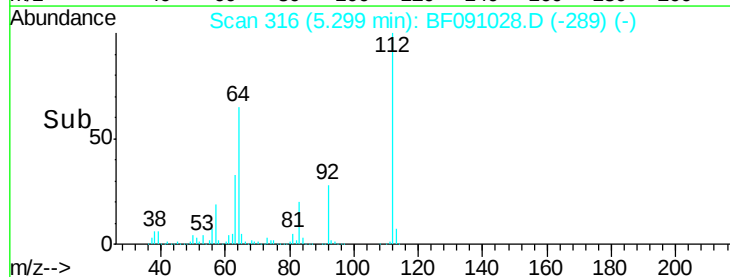
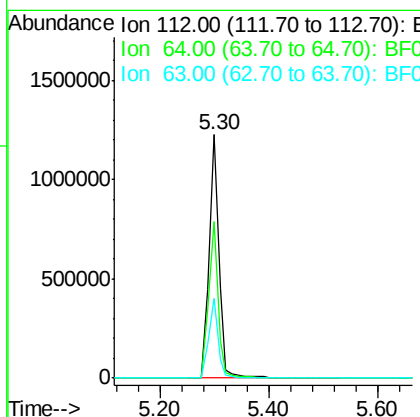
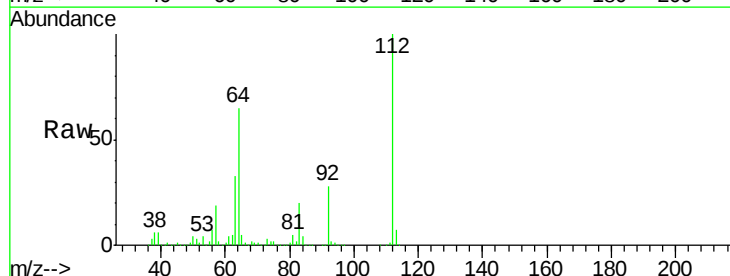
Instrument :
 BNA_F
 ClientSampleId :
 SB-108-22.5-23.0

Tgt Ion:152 Resp: 187673
 Ion Ratio Lower Upper
 152 100
 150 153.5 126.8 190.2
 115 58.4 53.3 79.9



#5
 2-Fluorophenol
 Concen: 137.18 ng
 RT: 5.30 min Scan# 316
 Delta R.T. 0.01 min
 Lab File: BF091028.D
 Acq: 4 Nov 2016 18:50

Tgt Ion:112 Resp: 1558789
 Ion Ratio Lower Upper
 112 100
 64 64.5 55.8 83.6
 63 32.7 28.0 42.0





#7

Phenol-d6

Concen: 136.89 ng

RT: 6.35 min Scan# 408

Delta R.T. -0.00 min

Lab File: BF091028.D

Acq: 4 Nov 2016 18:50

Instrument :

BNA_F

ClientSampleId :

SB-108-22.5-23.0

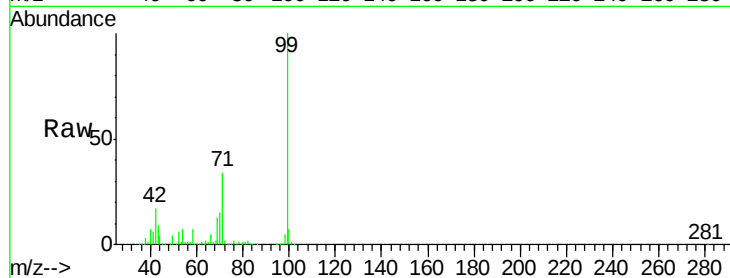
Tgt Ion: 99 Resp: 2111376

Ion Ratio Lower Upper

99 100

42 17.1 13.9 20.9

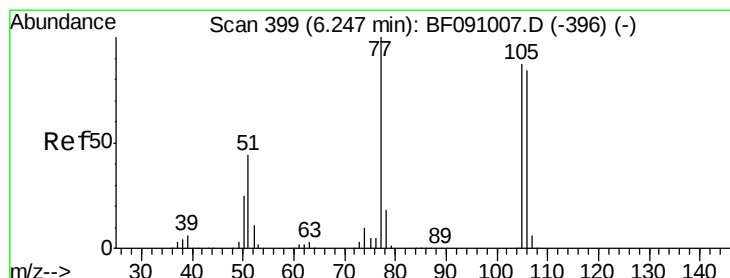
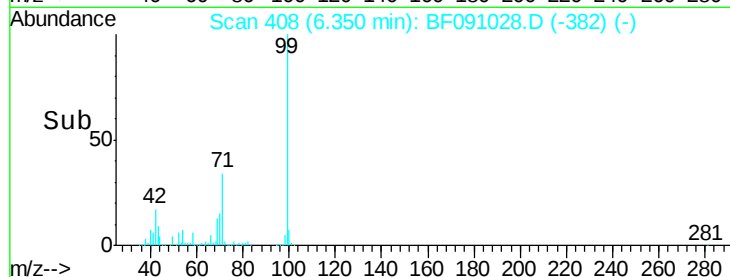
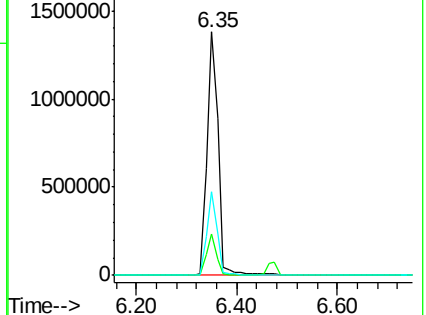
71 34.5 27.8 41.8



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



#9

Benzaldehyde

Concen: 4.93 ng

RT: 6.48 min Scan# 419

Delta R.T. 0.23 min

Lab File: BF091028.D

Acq: 4 Nov 2016 18:50

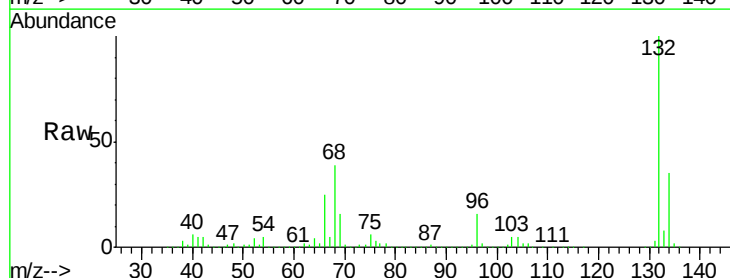
Tgt Ion: 77 Resp: 42182

Ion Ratio Lower Upper

77 100

105 84.2 66.8 106.8

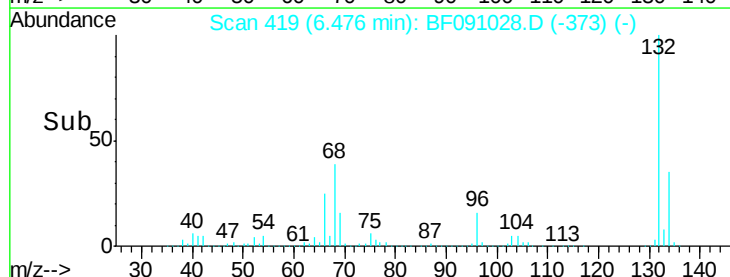
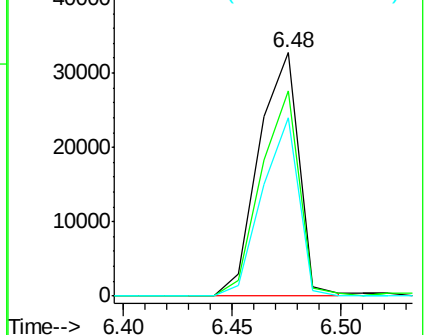
106 73.3 64.0 104.0

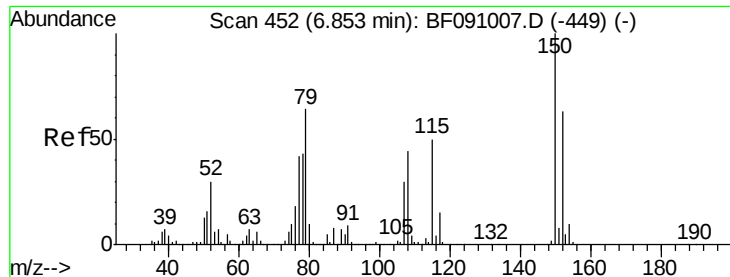


Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 105.00 (104.70 to 105.70): B

Ion 106.00 (105.70 to 106.70): B





#15

Benzyl Alcohol

Concen: 2.17 ng

RT: 6.85 min Scan# 452

Delta R.T. -0.00 min

Lab File: BF091028.D

Acq: 4 Nov 2016 18:50

Instrument :

BNA_F

ClientSampleId :

SB-108-22.5-23.0

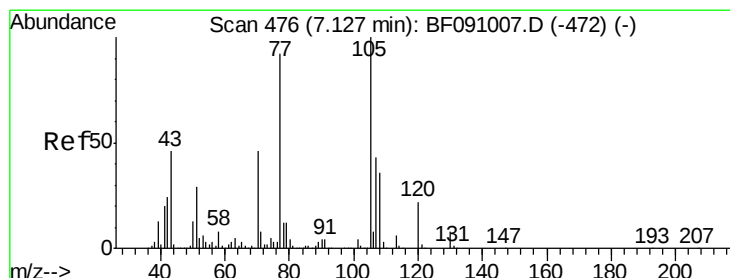
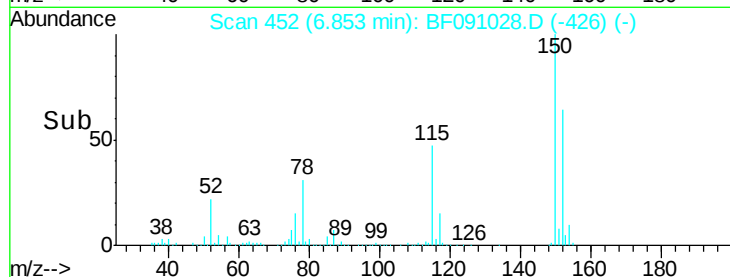
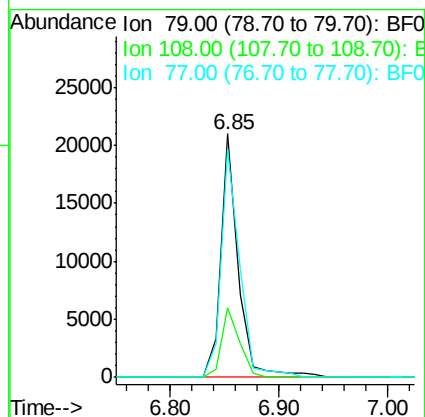
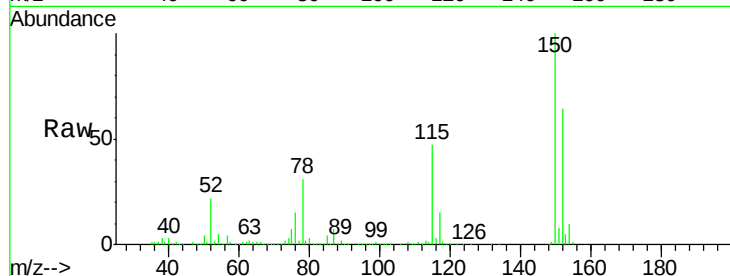
Tgt Ion: 79 Resp: 23574

Ion Ratio Lower Upper

79 100

108 28.8 55.7 83.5#

77 93.6 52.6 79.0#



#19

n-Nitroso-di-n-propylamine

Concen: 19.85 ng

RT: 7.28 min Scan# 489

Delta R.T. 0.15 min

Lab File: BF091028.D

Acq: 4 Nov 2016 18:50

Tgt Ion: 70 Resp: 212163

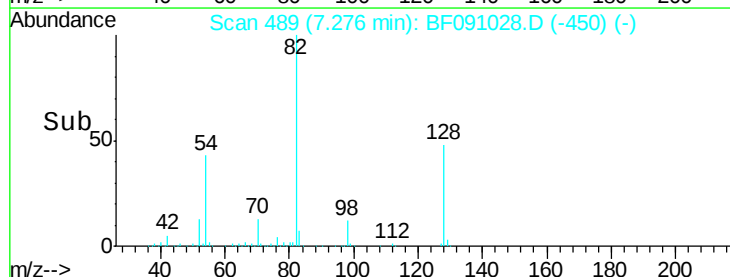
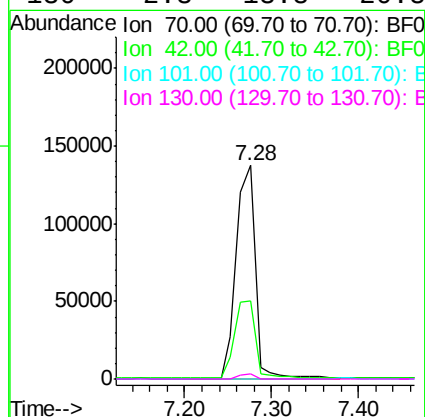
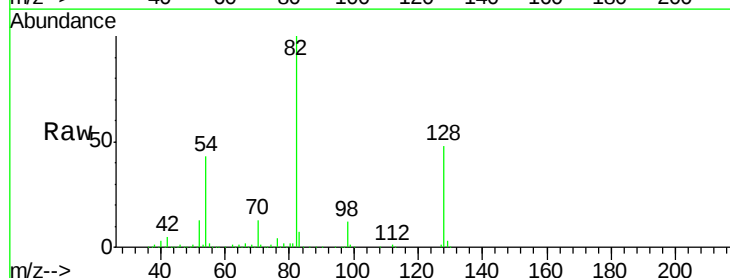
Ion Ratio Lower Upper

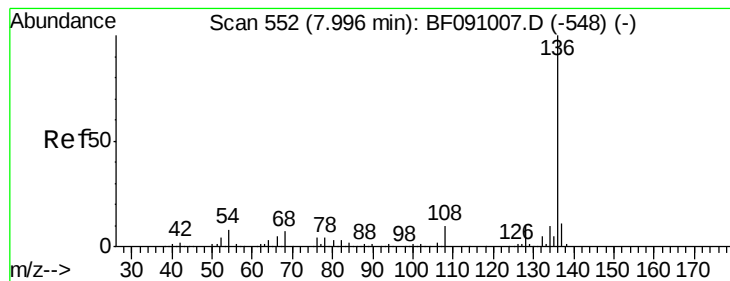
70 100

42 36.4 41.7 62.5#

101 0.0 6.7 10.1#

130 2.3 13.8 20.8#





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.98 min Scan# 551

Delta R.T. -0.01 min

Lab File: BF091028.D

Acq: 4 Nov 2016 18:50

Instrument :

BNA_F

ClientSampleId :

SB-108-22.5-23.0

Tgt Ion:136 Resp: 795536

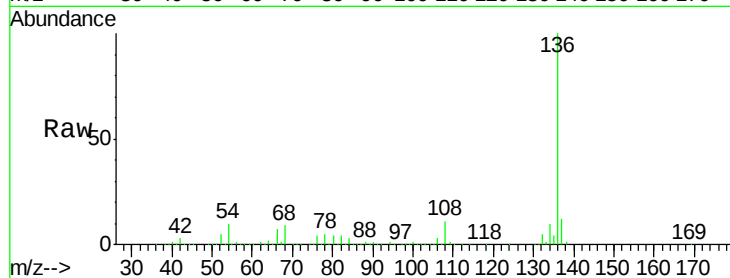
Ion Ratio Lower Upper

136 100

137 11.5 8.9 13.3

54 10.0 6.2 9.2#

68 8.5 5.5 8.3#

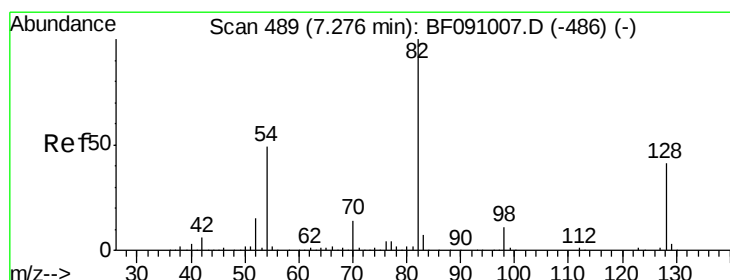
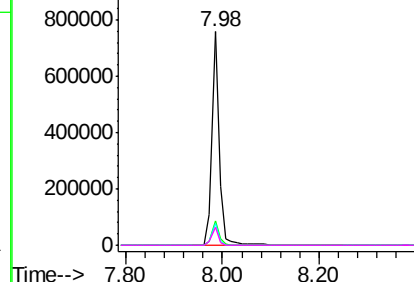
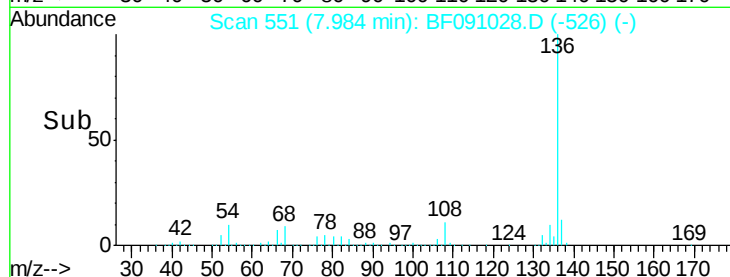


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BF0

Ion 68.00 (67.70 to 68.70): BF0



#23

Nitrobenzene-d5

Concen: 105.46 ng

RT: 7.28 min Scan# 489

Delta R.T. -0.00 min

Lab File: BF091028.D

Acq: 4 Nov 2016 18:50

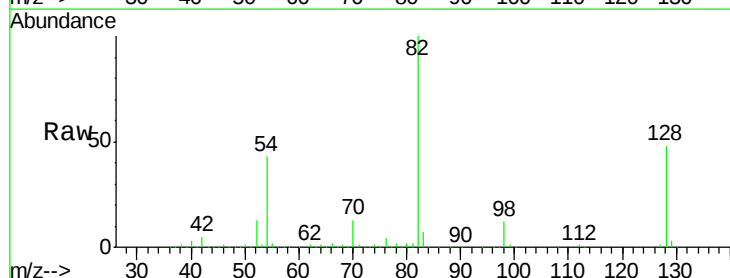
Tgt Ion: 82 Resp: 1537961

Ion Ratio Lower Upper

82 100

128 47.9 32.4 48.6

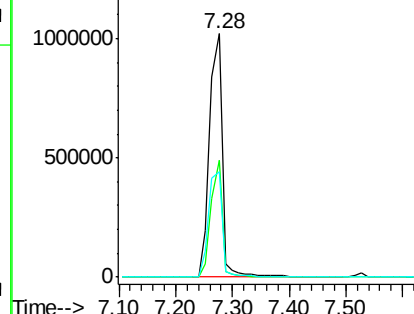
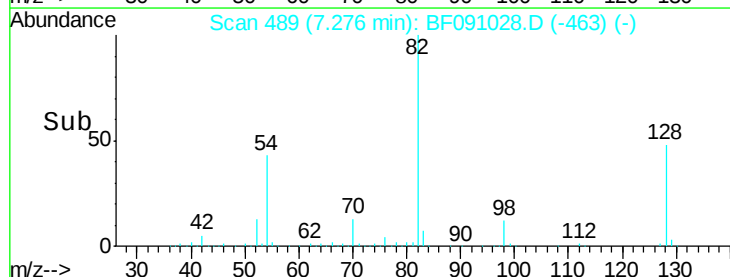
54 43.3 39.2 58.8

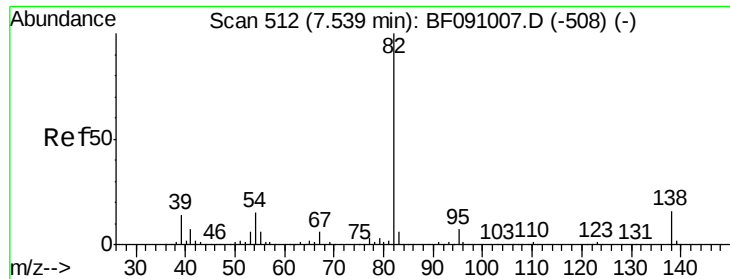


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#25

Isophorone

Concen: 48.88 ng

RT: 7.28 min Scan# 489

Delta R.T. -0.26 min

Lab File: BF091028.D

Acq: 4 Nov 2016 18:50

Instrument :

BNA_F

ClientSampleId :

SB-108-22.5-23.0

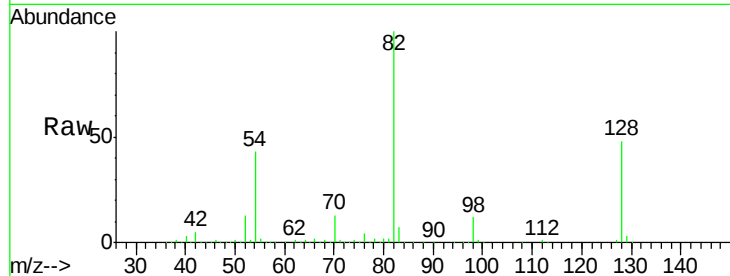
Tgt Ion: 82 Resp: 1373592

Ion Ratio Lower Upper

82 100

95 0.0 5.4 8.0#

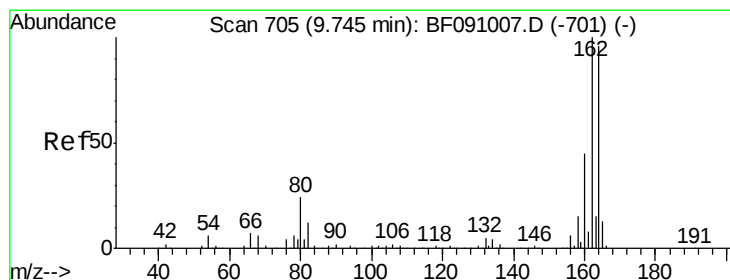
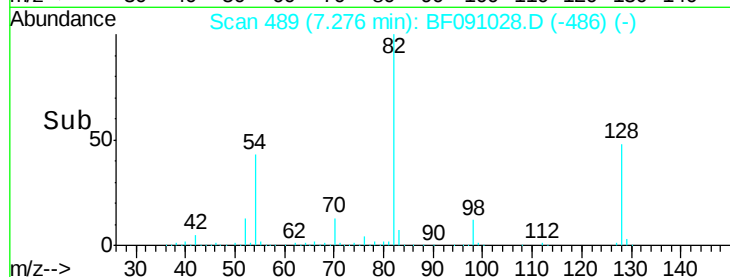
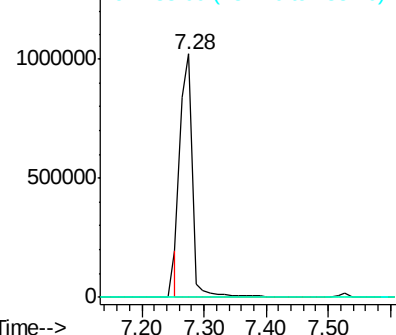
138 0.0 13.0 19.4#



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: 9.74 min Scan# 705

Delta R.T. -0.00 min

Lab File: BF091028.D

Acq: 4 Nov 2016 18:50

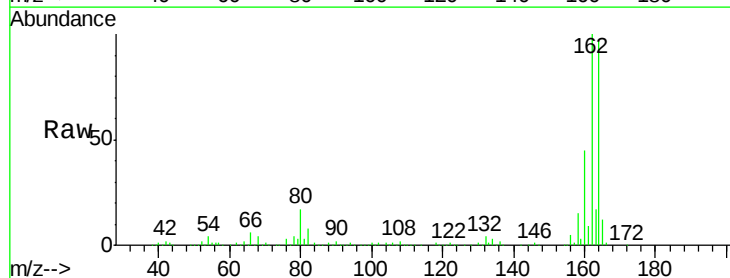
Tgt Ion: 164 Resp: 421508

Ion Ratio Lower Upper

164 100

162 102.7 83.6 125.4

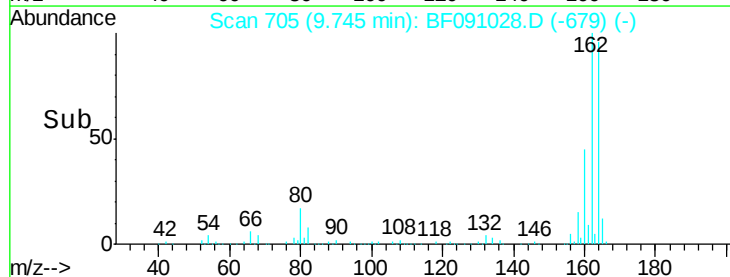
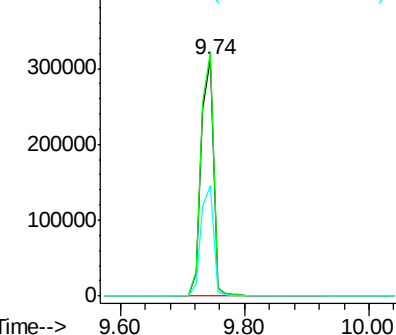
160 46.6 37.9 56.9

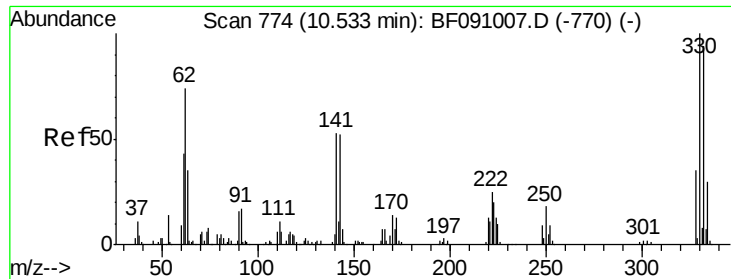


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E

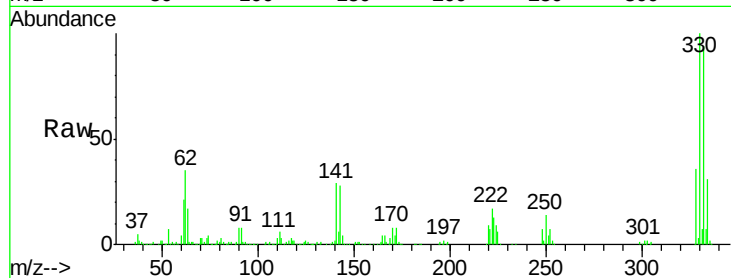




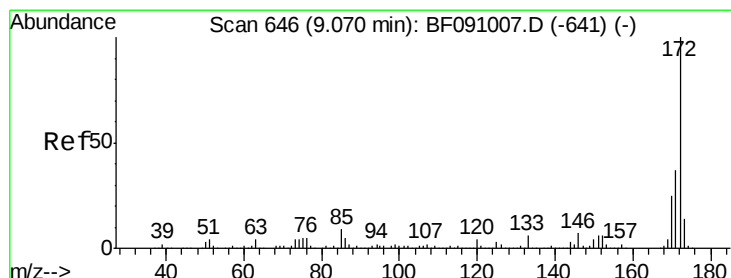
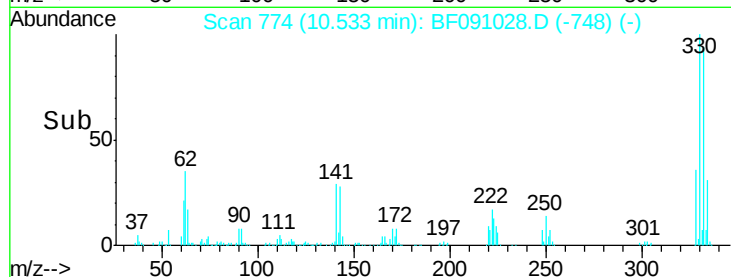
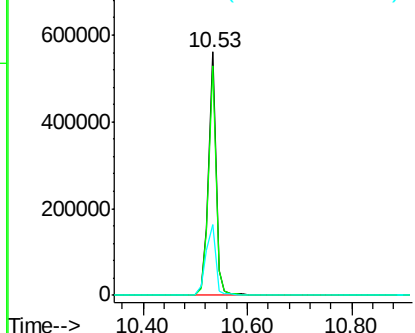
#41
 2,4,6-Tribromophenol
 Concen: 148.03 ng
 RT: 10.53 min Scan# 774
 Delta R.T. 0.00 min
 Lab File: BF091028.D
 Acq: 4 Nov 2016 18:50

Instrument :
 BNA_F
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 SB-108-22.5-23.0

Tgt Ion:330 Resp: 564101
 Ion Ratio Lower Upper
 330 100
 332 94.9 75.9 113.9
 141 38.1 36.1 54.1

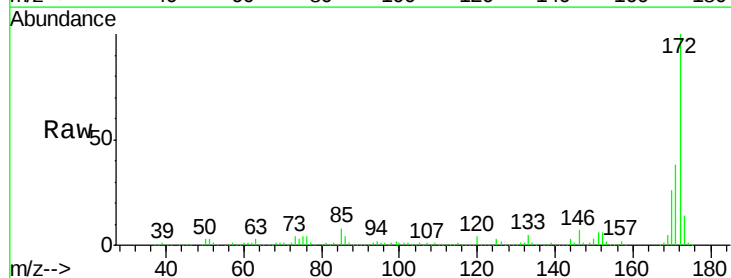


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

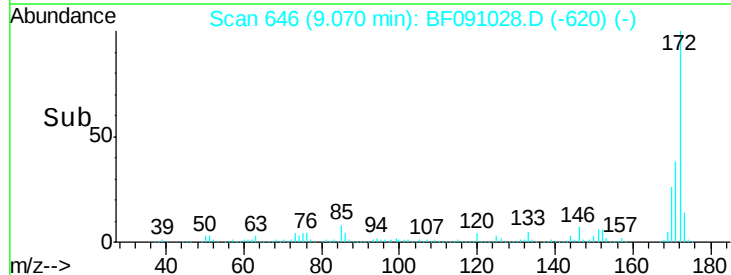
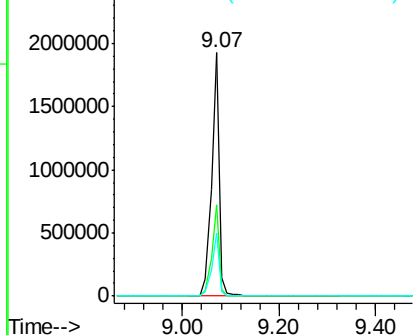


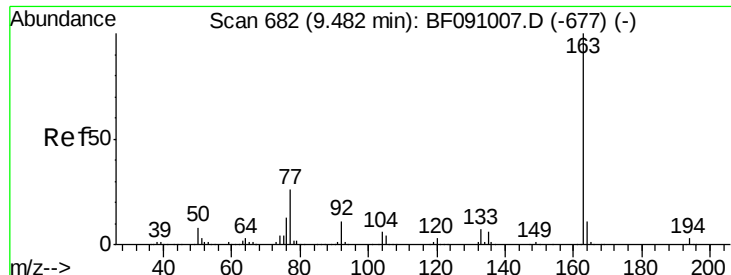
#44
 2-Fluorobiphenyl
 Concen: 88.06 ng
 RT: 9.07 min Scan# 646
 Delta R.T. -0.00 min
 Lab File: BF091028.D
 Acq: 4 Nov 2016 18:50

Tgt Ion:172 Resp: 2156017
 Ion Ratio Lower Upper
 172 100
 171 37.6 29.8 44.6
 170 26.0 20.3 30.5



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: 27.64 ng

RT: 9.47 min Scan# 681

Delta R.T. -0.01 min

Lab File: BF091028.D

Acq: 4 Nov 2016 18:50

Instrument :

BNA_F

ClientSampleId :

SB-108-22.5-23.0

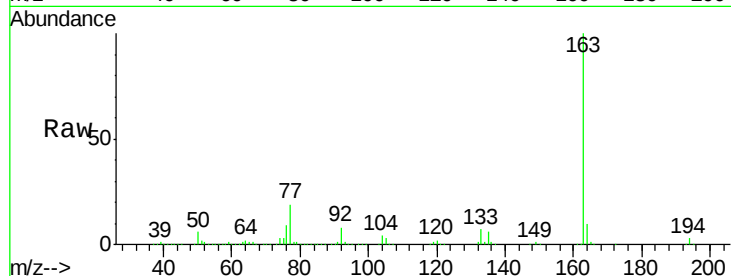
Tgt Ion:163 Resp: 763978

Ion Ratio Lower Upper

163 100

194 3.5 2.6 4.0

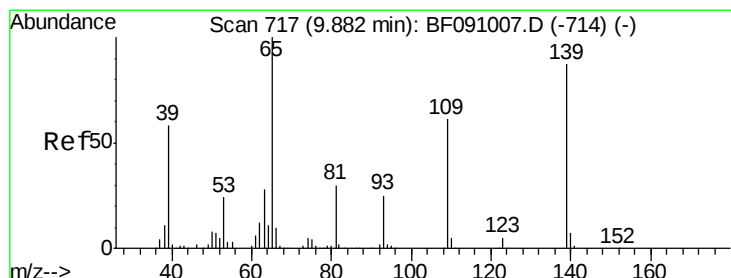
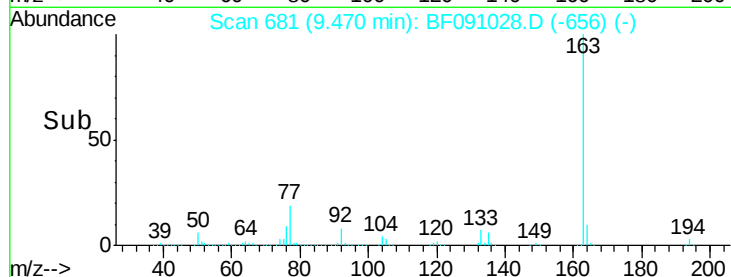
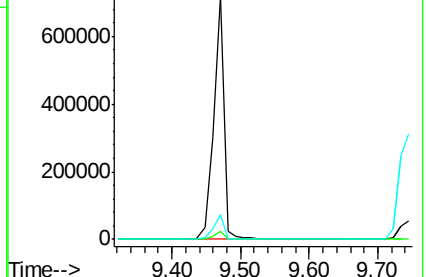
164 10.1 8.7 13.1



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



#55

4-Nitrophenol

Concen: 5.91 ng

RT: 9.95 min Scan# 723

Delta R.T. 0.07 min

Lab File: BF091028.D

Acq: 4 Nov 2016 18:50

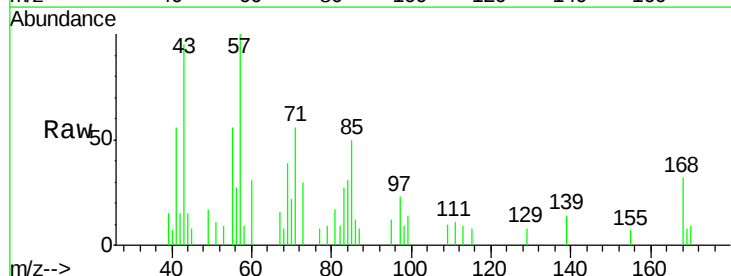
Tgt Ion:139 Resp: 874

Ion Ratio Lower Upper

139 100

109 67.3 50.5 90.5

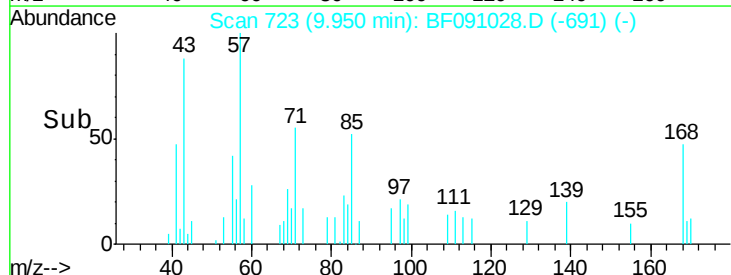
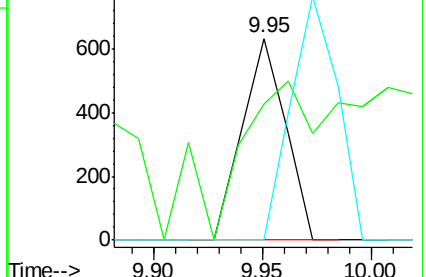
65 0.0 97.1 137.1#

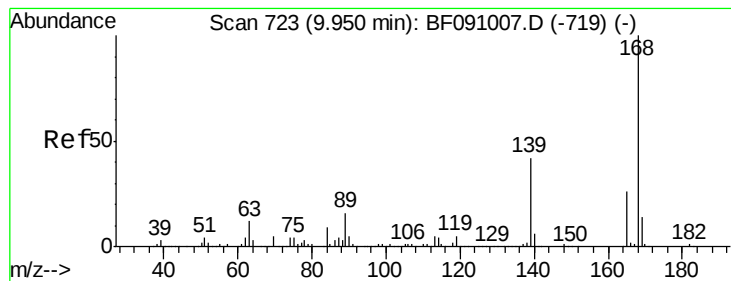


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BF0





#56

2,4-Dinitrotoluene

Concen: 7.09 ng

RT: 9.74 min Scan# 705

Delta R.T. -0.21 min

Lab File: BF091028.D

Acq: 4 Nov 2016 18:50

Instrument :

BNA_F

ClientSampleId :

SB-108-22.5-23.0

Tgt Ion:165 Resp: 53444

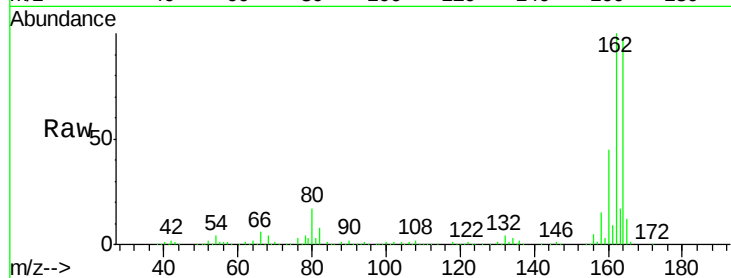
Ion Ratio Lower Upper

165 100

63 1.1 38.7 58.1#

89 1.3 50.6 76.0#

182 0.0 1.8 2.8#

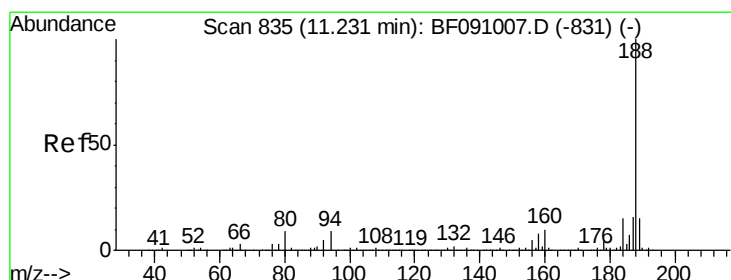
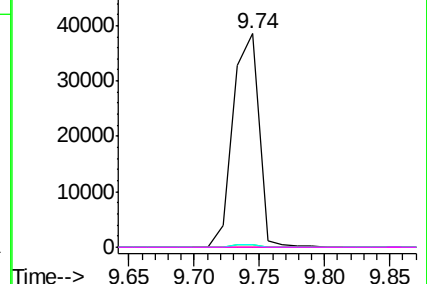
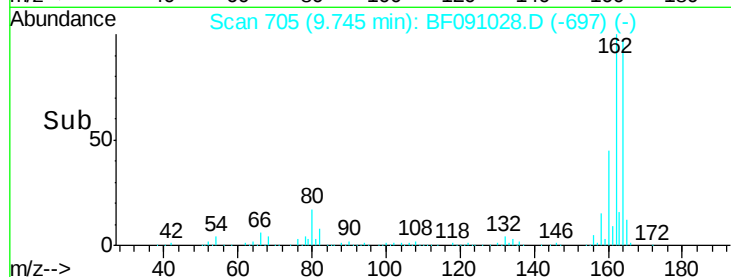


Abundance Ion 165.00 (164.70 to 165.70): E

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: 11.22 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF091028.D

Acq: 4 Nov 2016 18:50

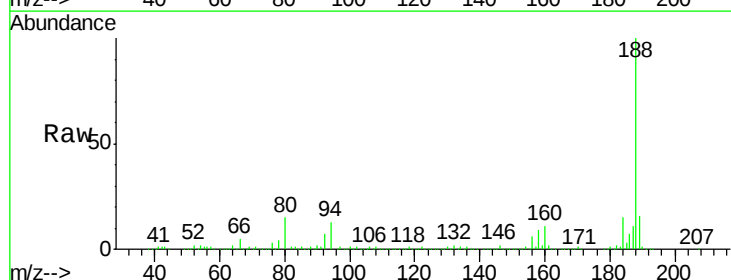
Tgt Ion:188 Resp: 709591

Ion Ratio Lower Upper

188 100

94 13.1 7.0 10.4#

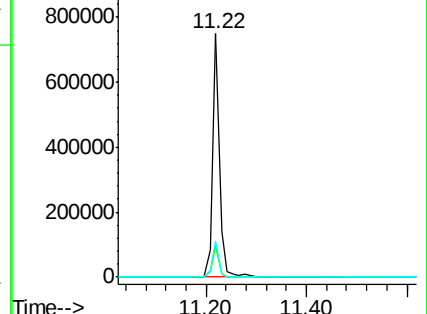
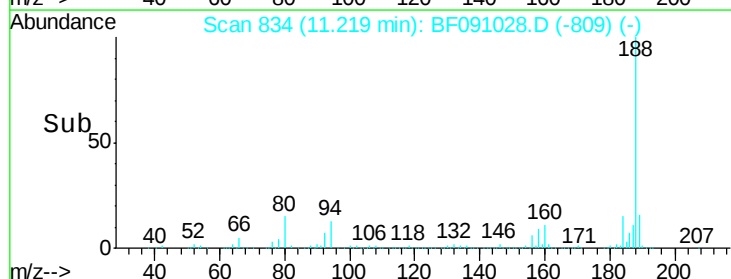
80 14.7 7.5 11.3#

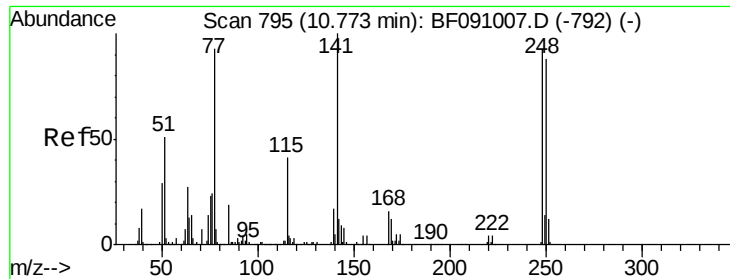


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0

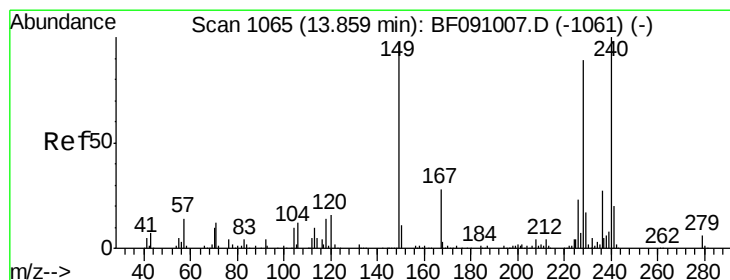
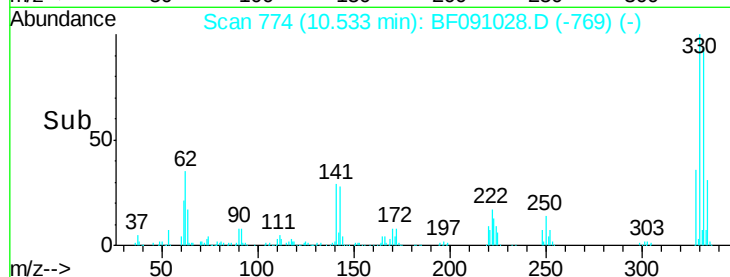
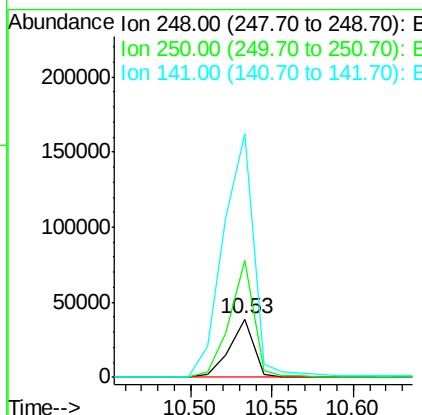
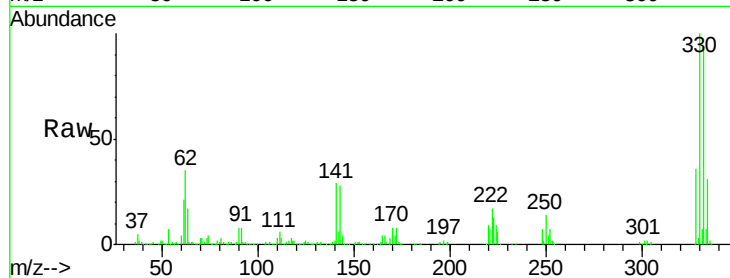




#66
4-Bromophenyl-phenylether
Concen: 5.42 ng
RT: 10.53 min Scan# 774
Delta R.T. -0.24 min
Lab File: BF091028.D
Acq: 4 Nov 2016 18:50

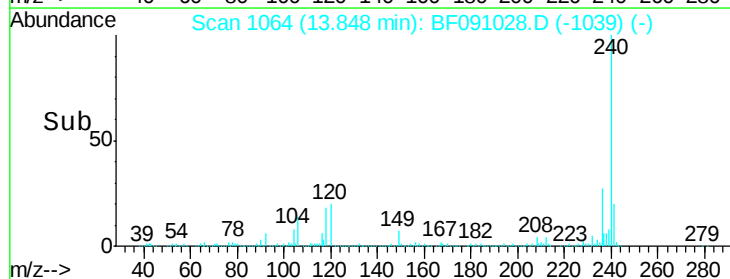
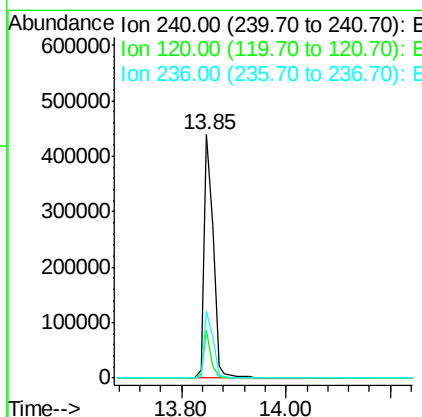
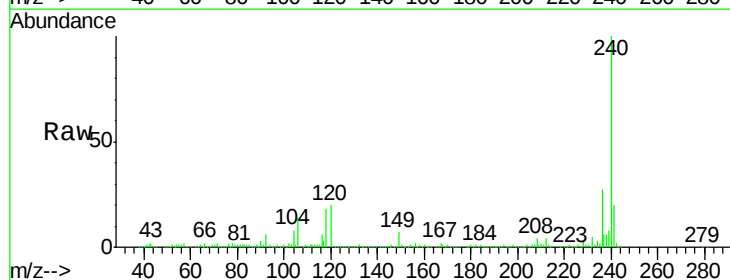
Instrument :
BNA_F
ClientSampleId :
SB-108-22.5-23.0

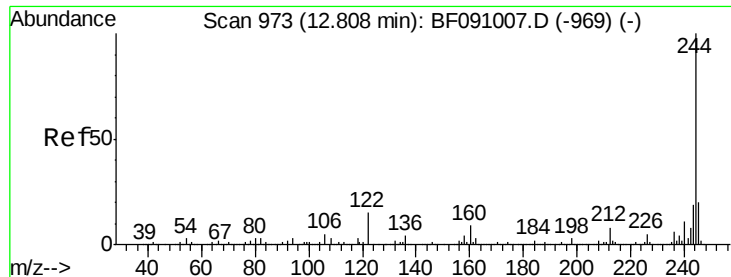
Tgt Ion:248 Resp: 40005
Ion Ratio Lower Upper
248 100
250 199.9 76.3 114.5#
141 417.5 86.8 130.2#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.85 min Scan# 1064
Delta R.T. -0.01 min
Lab File: BF091028.D
Acq: 4 Nov 2016 18:50

Tgt Ion:240 Resp: 538175
Ion Ratio Lower Upper
240 100
120 19.6 12.9 19.3#
236 27.4 21.9 32.9

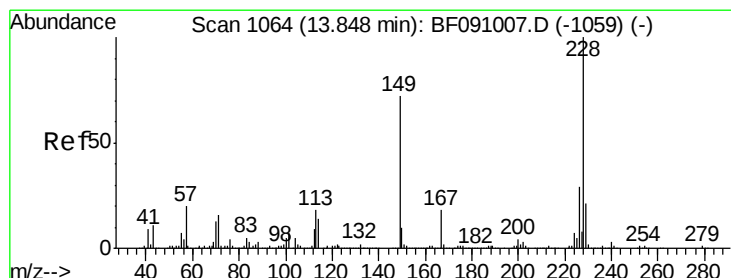
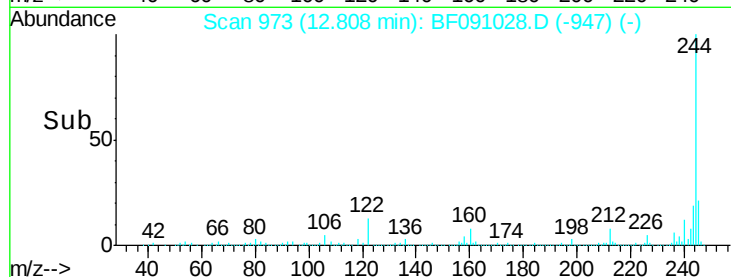
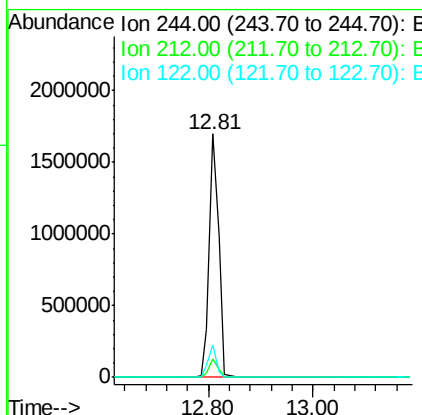
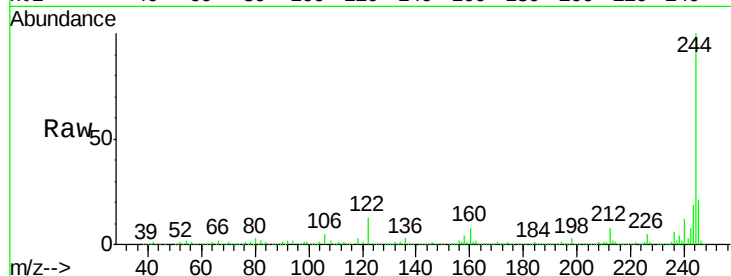




#78
 Terphenyl-d14
 Concen: 98.51 ng
 RT: 12.81 min Scan# 973
 Delta R.T. -0.00 min
 Lab File: BF091028.D
 Acq: 4 Nov 2016 18:50

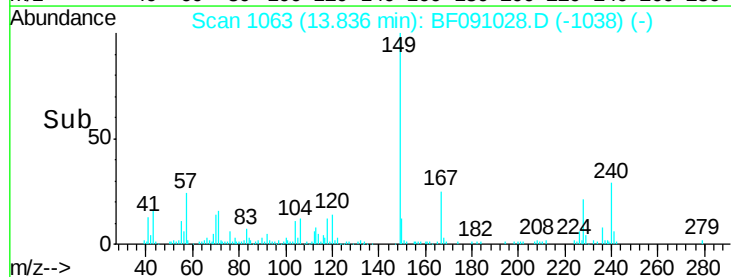
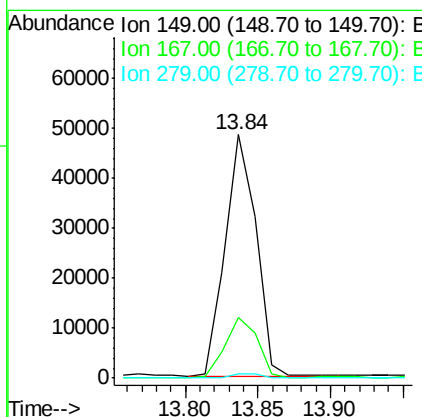
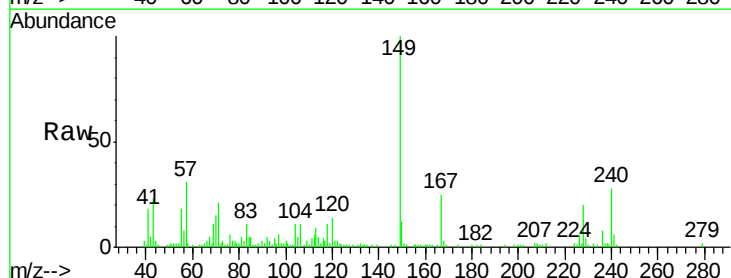
Instrument :
 BNA_F
 ClientSampleId :
 SB-108-22.5-23.0

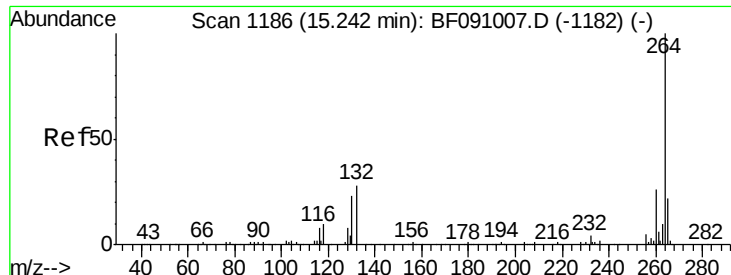
Tgt Ion:244 Resp: 2124499
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.4 9.6
 122 13.5 12.3 18.5



#83
 Bis(2-ethylhexyl)phthalate
 Concen: 3.16 ng
 RT: 13.84 min Scan# 1063
 Delta R.T. -0.01 min
 Lab File: BF091028.D
 Acq: 4 Nov 2016 18:50

Tgt Ion:149 Resp: 72082
 Ion Ratio Lower Upper
 149 100
 167 25.1 20.4 30.6
 279 2.0 1.6 2.4

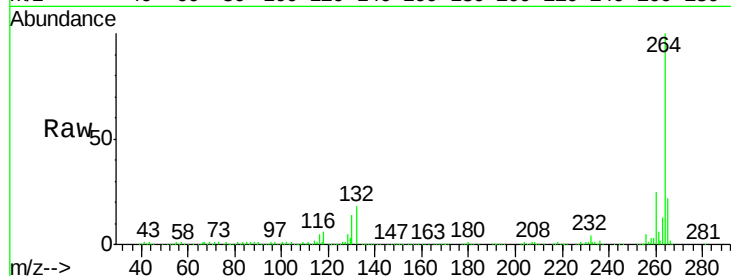




#86
Perylene-d12
Concen: 20.00 ng
RT: 15.24 min Scan# 1186
Delta R.T. -0.00 min
Lab File: BF091028.D
Acq: 4 Nov 2016 18:50

Instrument :
BNA_F
ClientSampleId :
SB-108-22.5-23.0

Tgt Ion	Ratio	Lower	Upper
264	100		
260	25.4	20.6	30.8
265	21.7	17.8	26.8



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

