

Data Path : Z:\HPCHEM1\BNA_F\DATA\BF043016\
 Data File : BF086546.D
 Acq On : 1 May 2016 2:51
 Operator : UM/SJ
 Sample : H2720-09
 Misc :
 ALS Vial : 33 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SS5

Quant Time: May 02 00:45:04 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF042716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 27 14:20:52 2016
 Response via : Initial Calibration

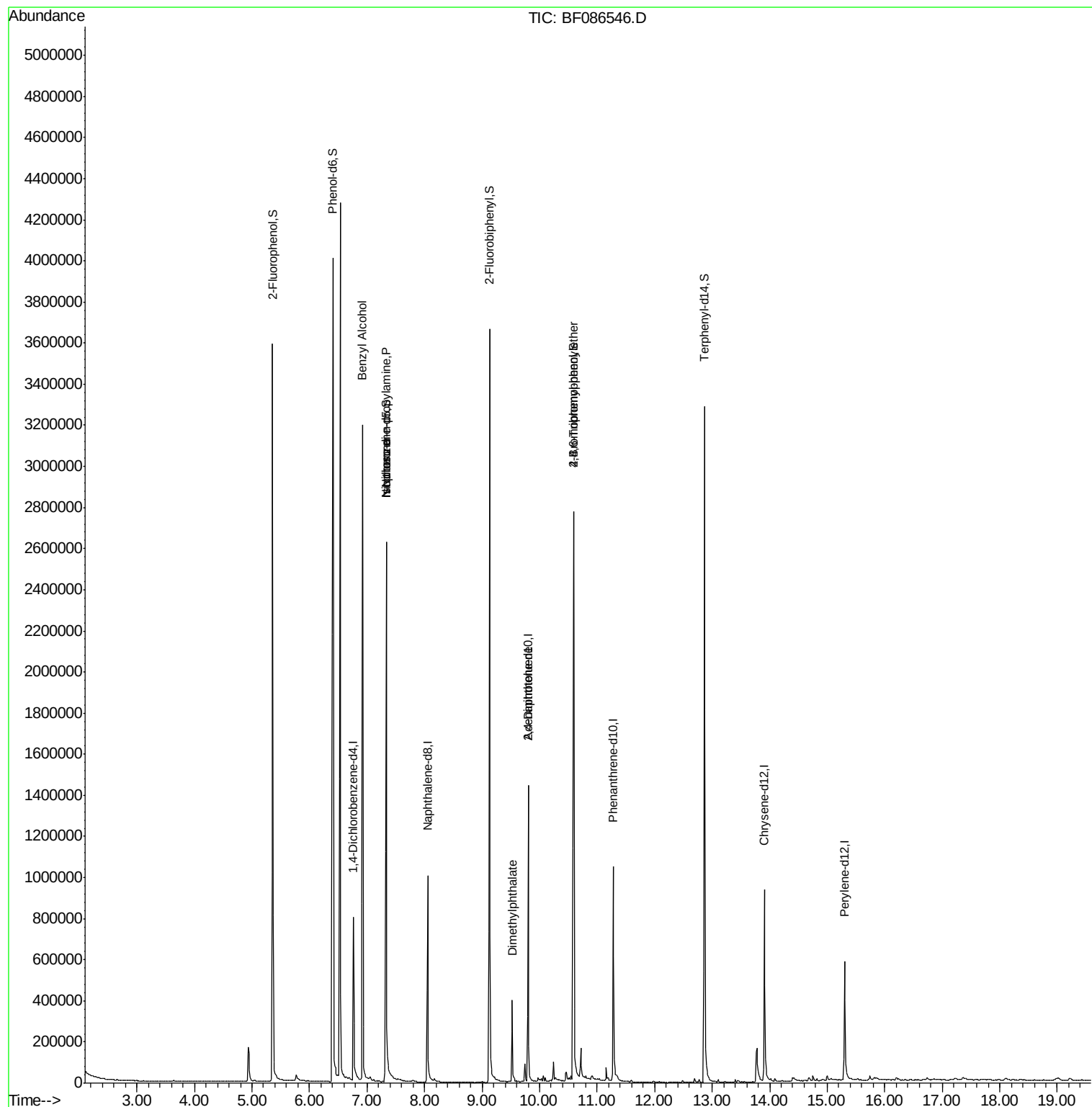
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	131248	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	571785	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	288954	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	537440	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	428173	20.00	ng	-0.06
86) Perylene-d12	15.30	264	324115	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	5.36	112	1006438	132.27	ng	-0.03
7) Phenol-d6	6.41	99	1535725	144.61	ng	-0.03
23) Nitrobenzene-d5	7.33	82	994170	93.72	ng	-0.05
41) 2,4,6-Tribromophenol	10.59	330	369859	121.38	ng	-0.05
44) 2-Fluorobiphenyl	9.13	172	1220694	71.25	ng	-0.05
78) Terphenyl-d14	12.87	244	1352254	69.58	ng	-0.05
Target Compounds						
15) Benzyl Alcohol	6.92	79	14797	2.20	ng	# 39
19) n-Nitroso-di-n-propylamine	7.33	70	134383	19.14	ng	# 78
25) Isophorone	7.33	82	699714	34.27	ng	# 68
49) Dimethylphthalate	9.53	163	217994	10.02	ng	98
56) 2,4-Dinitrotoluene	9.80	165	35776	6.24	ng	# 16
66) 4-Bromophenyl-phenylether	10.59	248	22199	4.01	ng	# 1

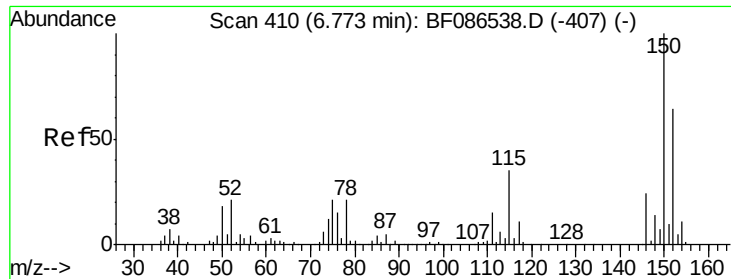
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.76 min Scan# 409

Delta R.T. -0.05 min

Lab File: BF086546.D

Acq: 1 May 2016 2:51

Instrument :

BNA_F

ClientSampled :

SS5

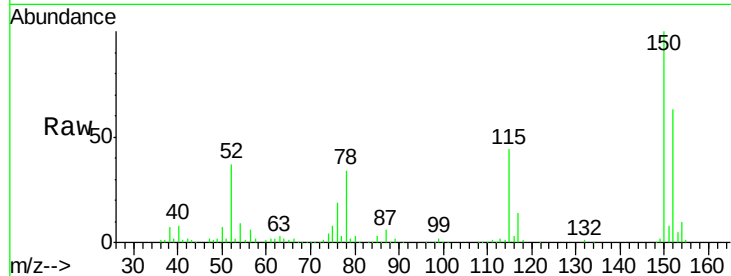
Tgt Ion:152 Resp: 131248

Ion Ratio Lower Upper

152 100

150 159.0 125.8 188.6

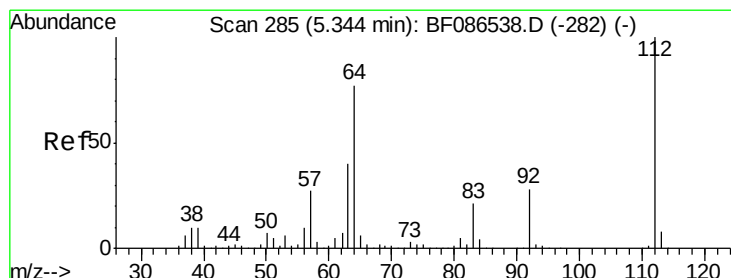
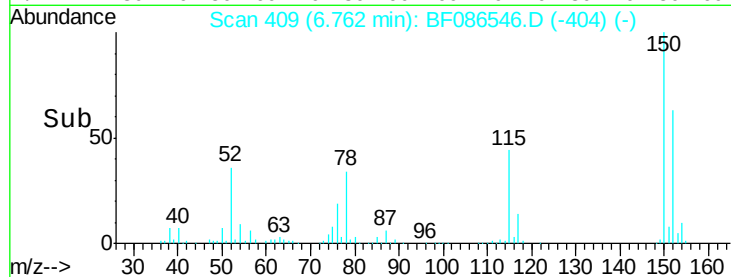
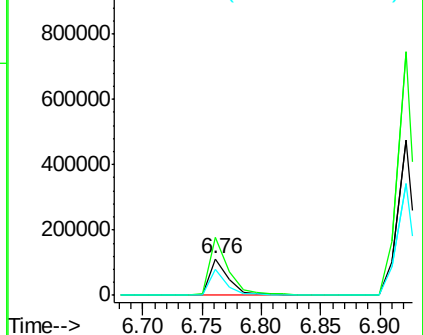
115 70.4 51.5 77.3



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: 132.27 ng

RT: 5.36 min Scan# 286

Delta R.T. -0.03 min

Lab File: BF086546.D

Acq: 1 May 2016 2:51

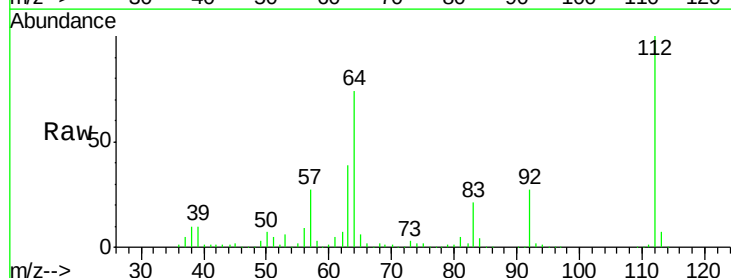
Tgt Ion:112 Resp: 1006438

Ion Ratio Lower Upper

112 100

64 73.7 52.1 78.1

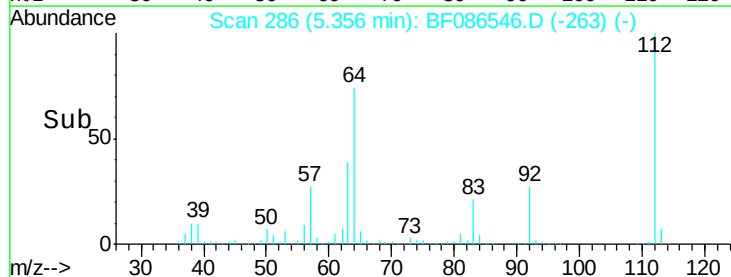
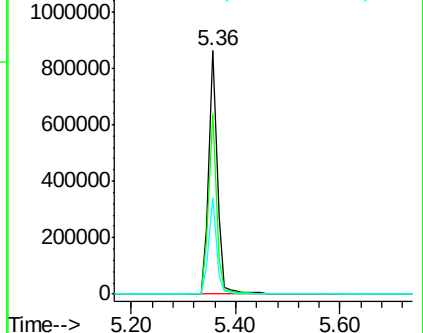
63 39.5 25.7 38.5#

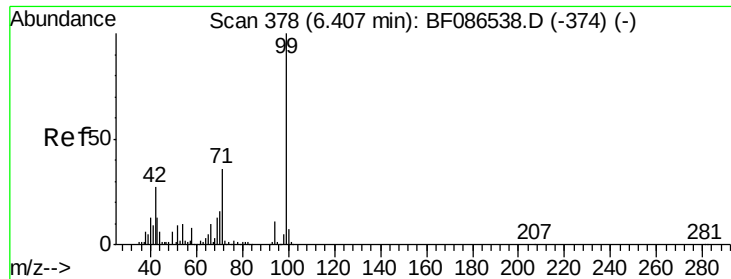


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 144.61 ng

RT: 6.41 min Scan# 378

Delta R.T. -0.03 min

Lab File: BF086546.D

Acq: 1 May 2016 2:51

Instrument :

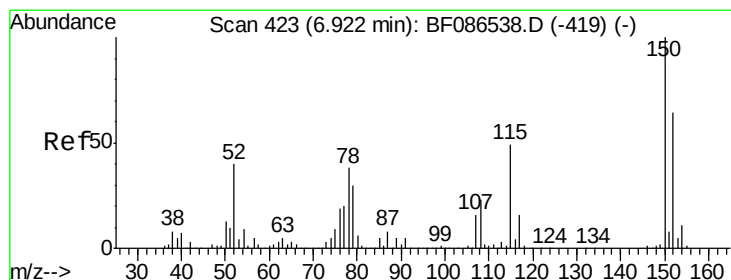
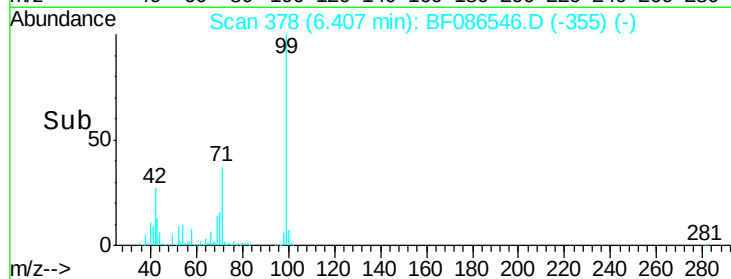
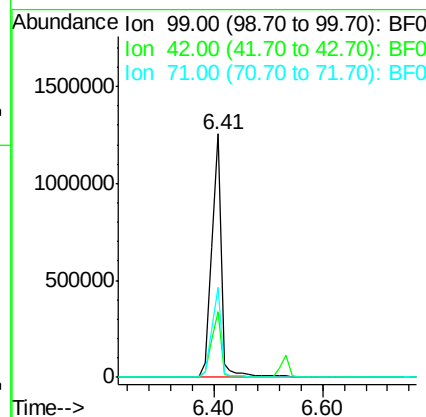
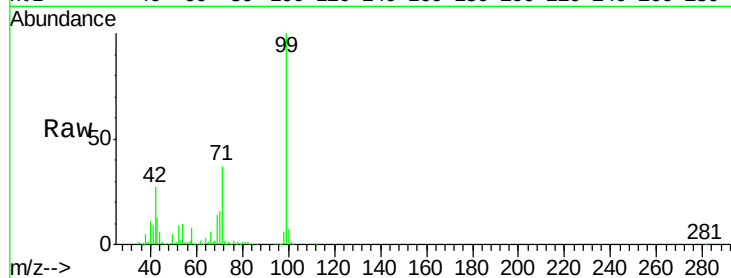
BNA_F

ClientSampleId :

SS5

Tgt Ion: 99 Resp: 1535725

Ion	Ratio	Lower	Upper
99	100		
42	26.9	13.6	20.4#
71	36.8	24.6	36.8



#15

Benzyl Alcohol

Concen: 2.20 ng

RT: 6.92 min Scan# 423

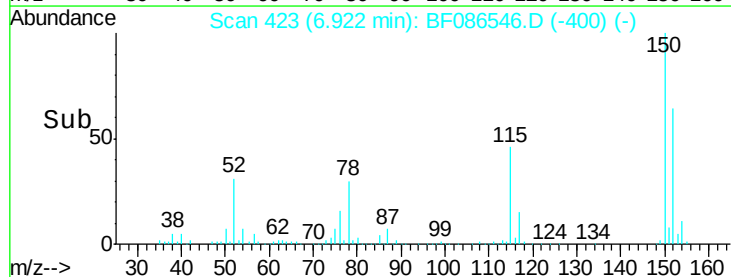
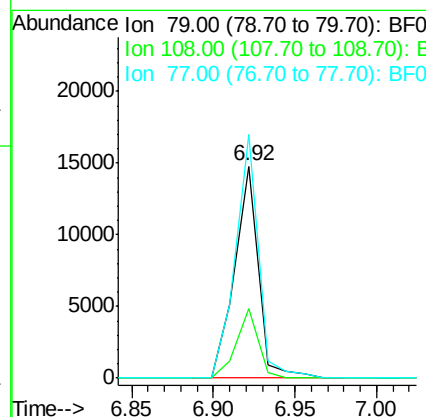
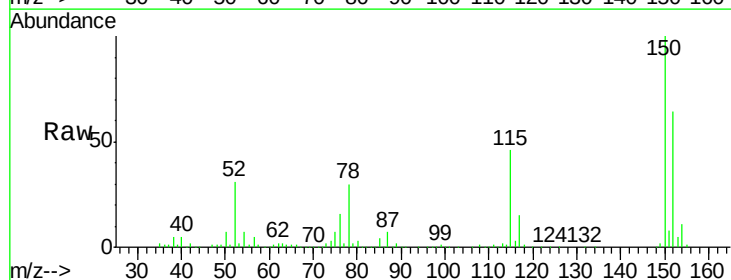
Delta R.T. -0.03 min

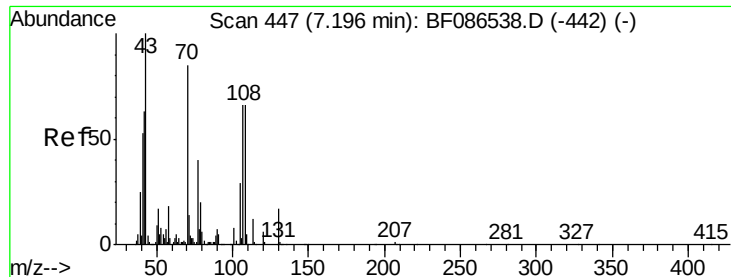
Lab File: BF086546.D

Acq: 1 May 2016 2:51

Tgt Ion: 79 Resp: 14797

Ion	Ratio	Lower	Upper
79	100		
108	32.7	68.4	102.6#
77	114.8	50.6	76.0#

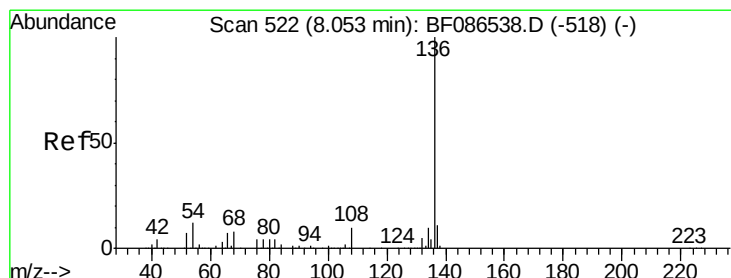
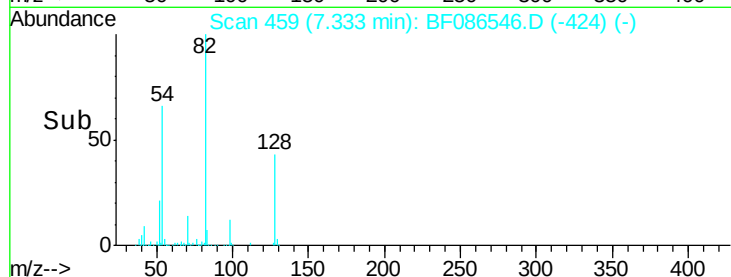
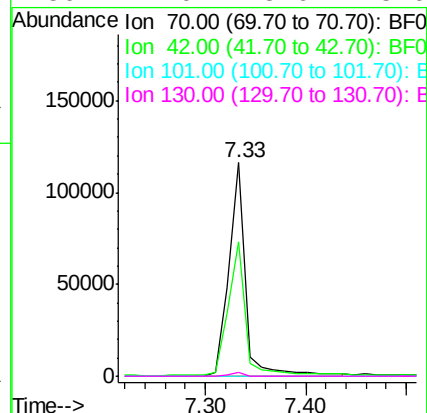
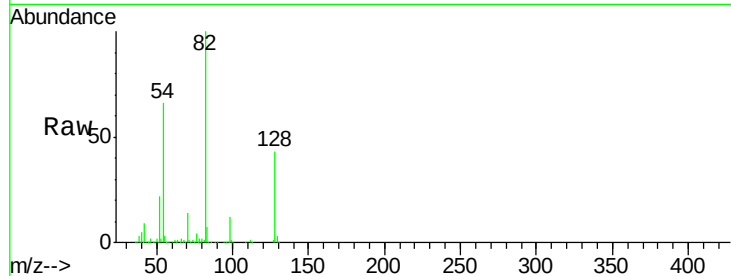




#19
n-Nitroso-di-n-propylamine
Concen: 19.14 ng
RT: 7.33 min Scan# 459
Delta R.T. 0.10 min
Lab File: BF086546.D
Acq: 1 May 2016 2:51

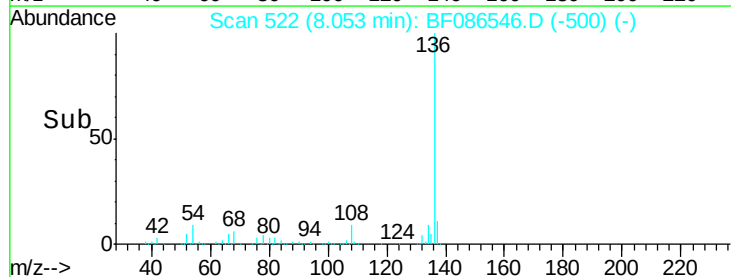
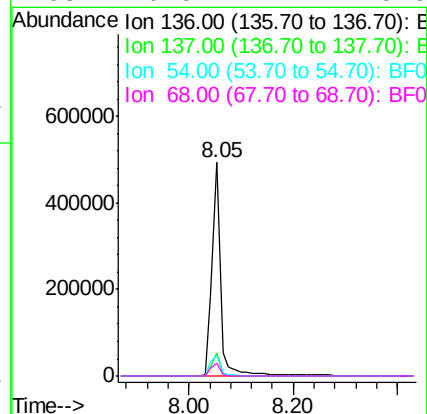
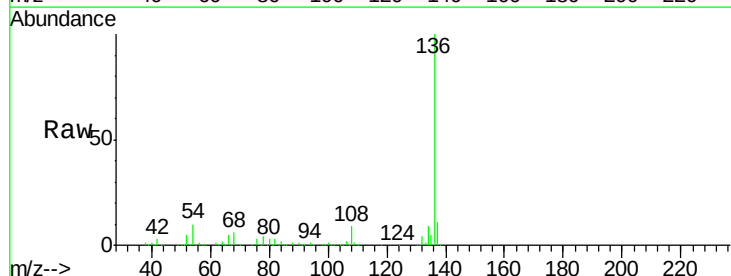
Instrument :
BNA_F
ClientSampleId :
SS5

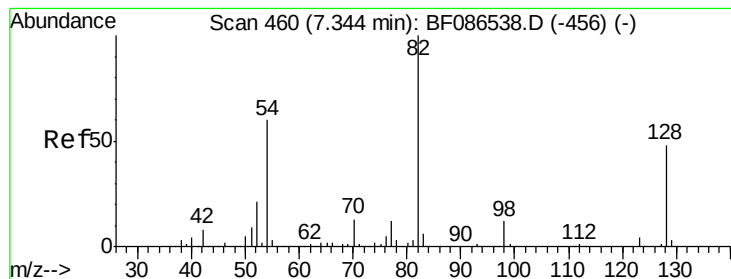
Tgt Ion: 70 Resp: 134383
Ion Ratio Lower Upper
70 100
42 62.8 43.1 64.7
101 0.0 8.1 12.1#
130 2.0 18.6 28.0#



#21
Naphthalene-d8
Concen: 20.00 ng
RT: 8.05 min Scan# 522
Delta R.T. -0.05 min
Lab File: BF086546.D
Acq: 1 May 2016 2:51

Tgt Ion: 136 Resp: 571785
Ion Ratio Lower Upper
136 100
137 10.8 8.8 13.2
54 9.6 5.0 7.4#
68 6.0 4.4 6.6





#23

Nitrobenzene-d5

Concen: 93.72 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.05 min

Lab File: BF086546.D

Acq: 1 May 2016 2:51

Instrument :

BNA_F

ClientSampleId :

SS5

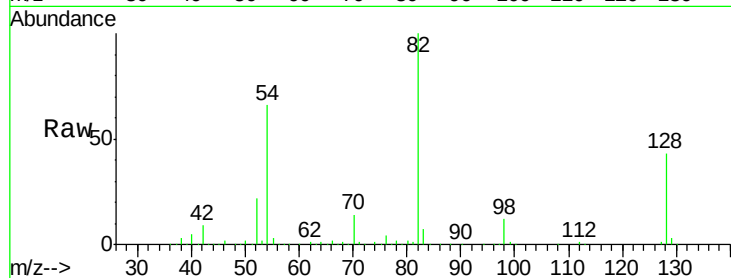
Tgt Ion: 82 Resp: 994170

Ion Ratio Lower Upper

82 100

128 42.7 40.6 61.0

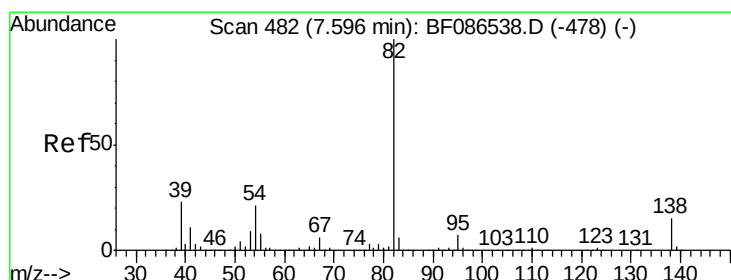
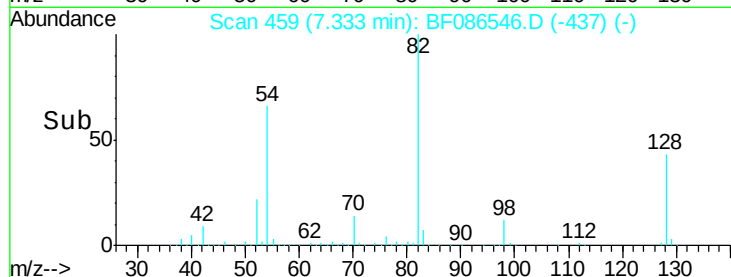
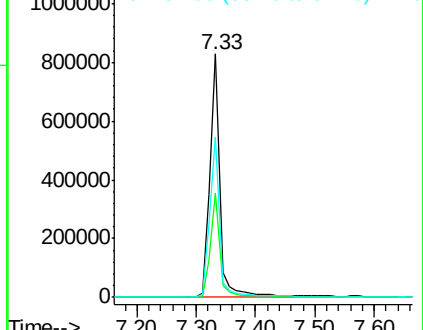
54 66.1 38.1 57.1#



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: 34.27 ng

RT: 7.33 min Scan# 459

Delta R.T. -0.31 min

Lab File: BF086546.D

Acq: 1 May 2016 2:51

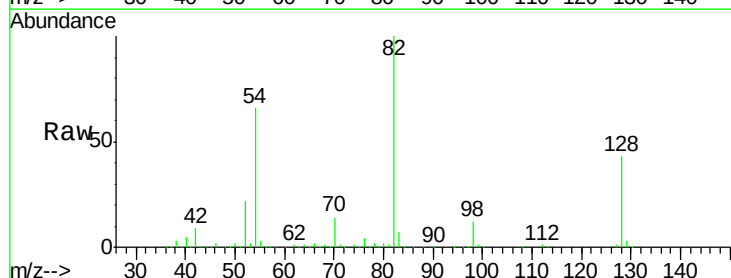
Tgt Ion: 82 Resp: 699714

Ion Ratio Lower Upper

82 100

95 0.0 5.1 7.7#

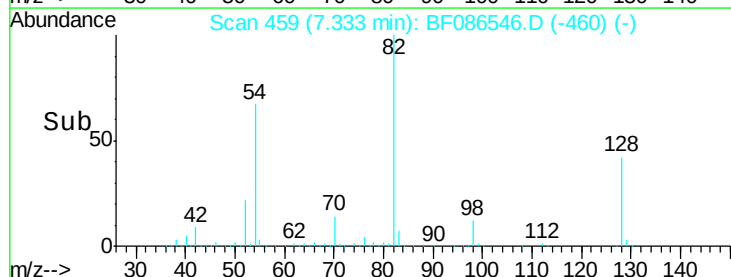
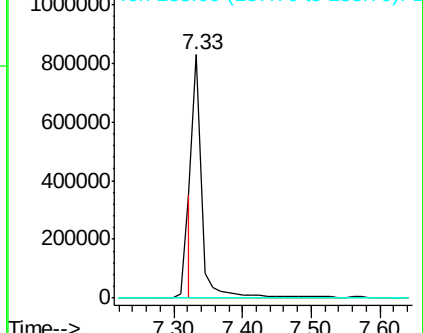
138 0.0 12.4 18.6#

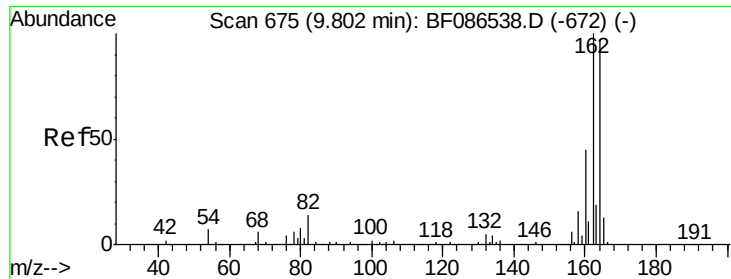


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 95.00 (94.70 to 95.70): BF0

Ion 138.00 (137.70 to 138.70): BF0

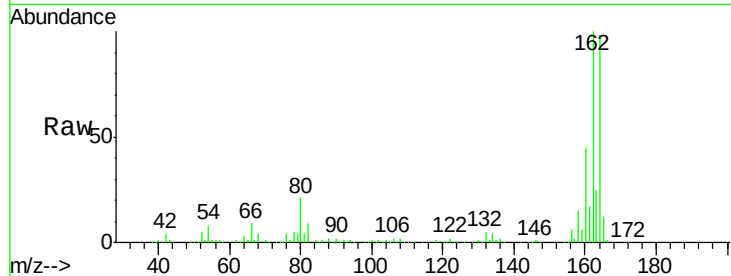




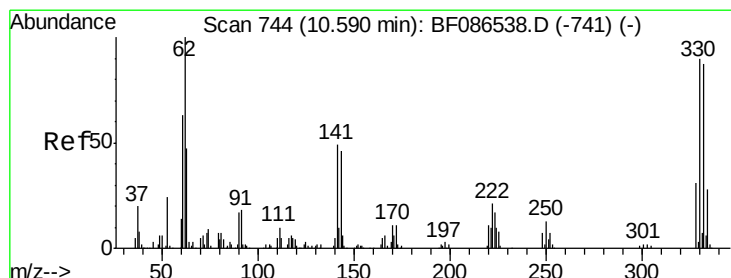
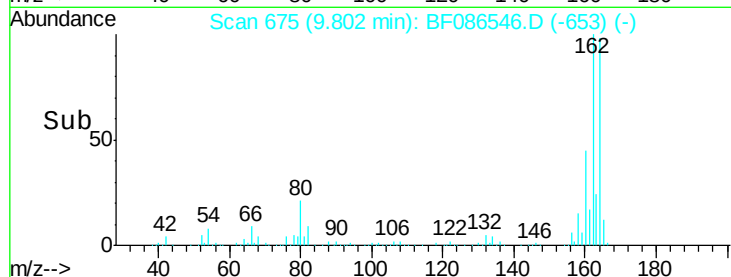
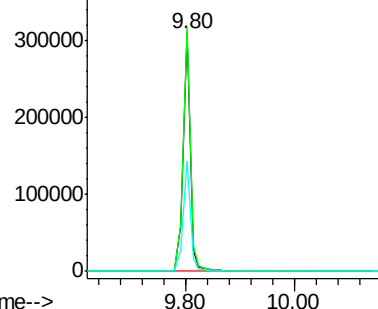
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.80 min Scan# 675
Delta R.T. -0.05 min
Lab File: BF086546.D
Acq: 1 May 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SS5

Tgt Ion:164 Resp: 288954
Ion Ratio Lower Upper
164 100
162 102.2 82.8 124.2
160 46.3 36.9 55.3

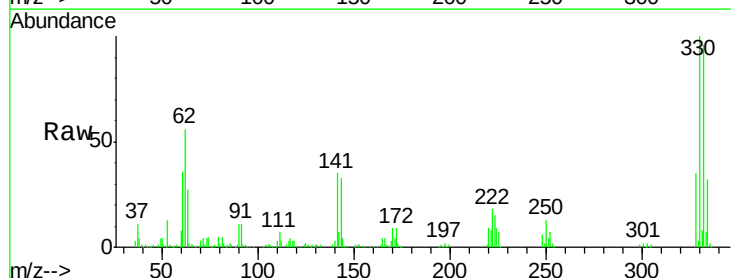


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

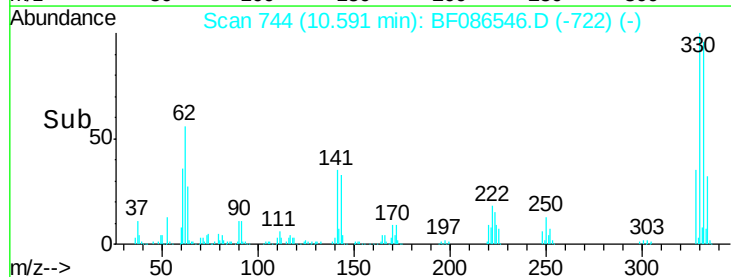
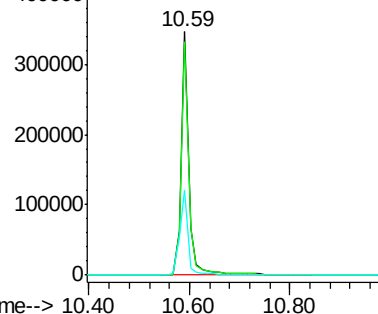


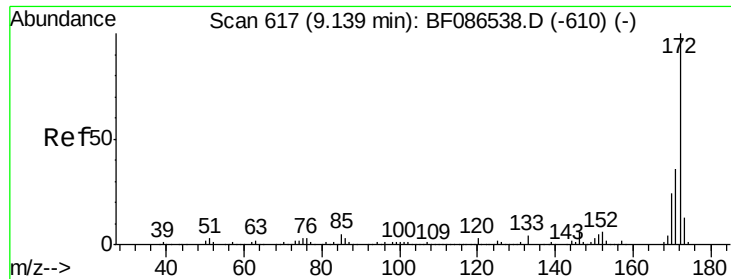
#41
2,4,6-Tribromophenol
Concen: 121.38 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.05 min
Lab File: BF086546.D
Acq: 1 May 2016 2:51

Tgt Ion:330 Resp: 369859
Ion Ratio Lower Upper
330 100
332 96.0 79.0 118.4
141 37.5 31.2 46.8



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

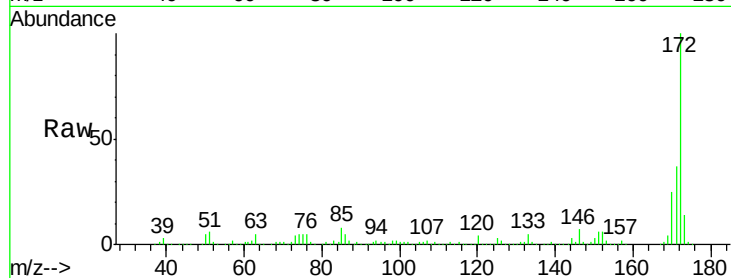




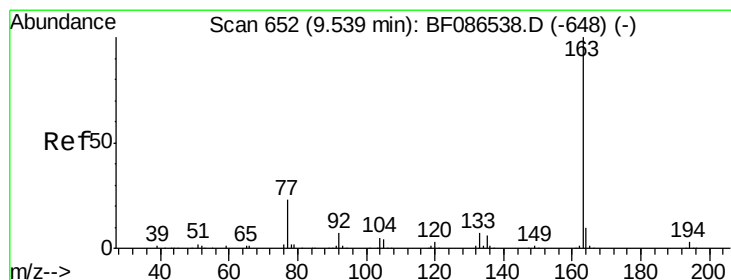
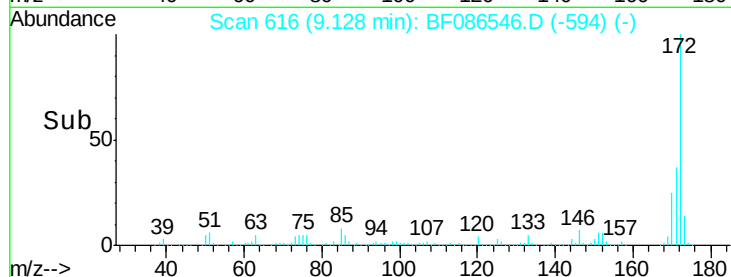
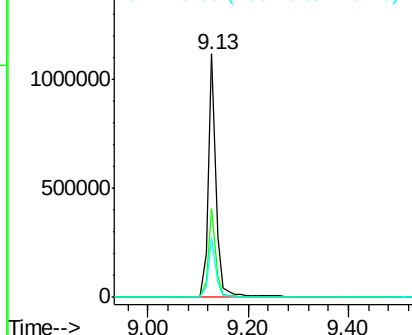
#44
 2-Fluorobiphenyl
 Concen: 71.25 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086546.D
 Acq: 1 May 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 SS5

Tgt Ion:172 Resp: 1220694
 Ion Ratio Lower Upper
 172 100
 171 36.5 29.0 43.6
 170 24.6 19.8 29.8

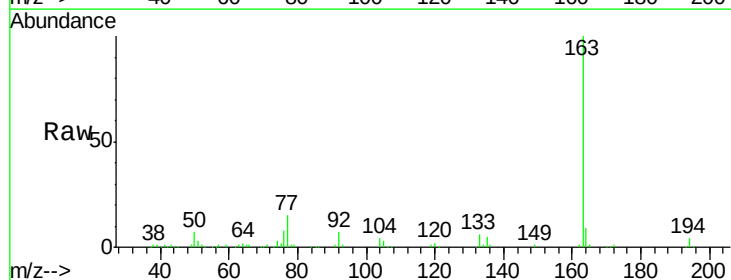


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

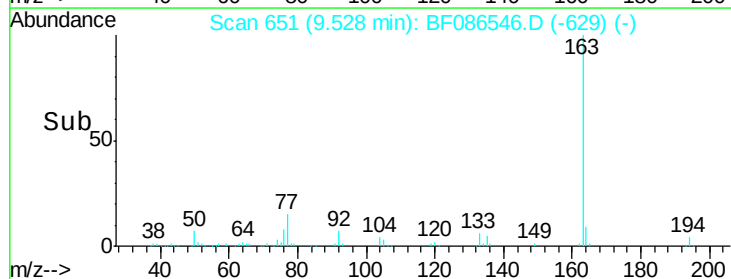
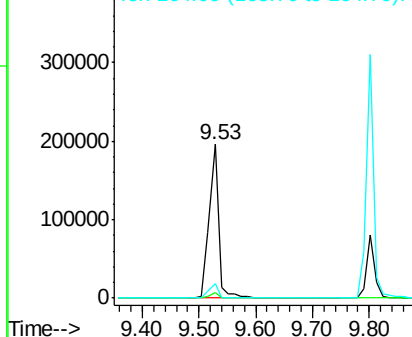


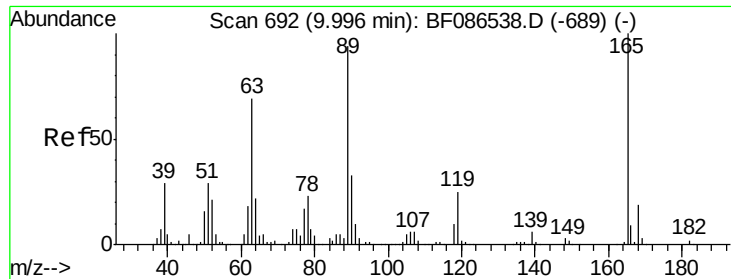
#49
 Dimethylphthalate
 Concen: 10.02 ng
 RT: 9.53 min Scan# 651
 Delta R.T. -0.05 min
 Lab File: BF086546.D
 Acq: 1 May 2016 2:51

Tgt Ion:163 Resp: 217994
 Ion Ratio Lower Upper
 163 100
 194 3.8 2.6 4.0
 164 9.4 8.2 12.4



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

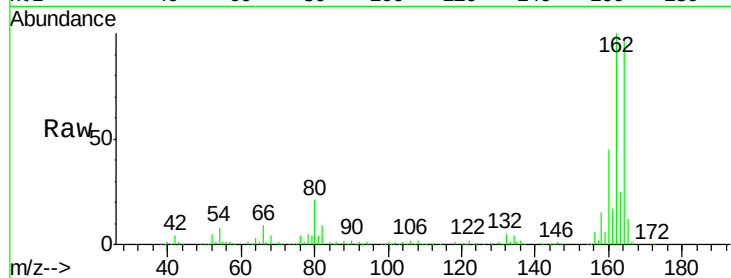




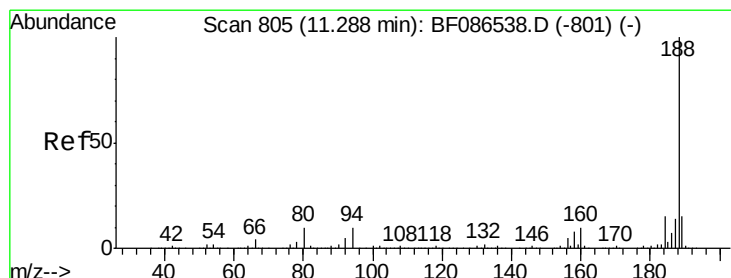
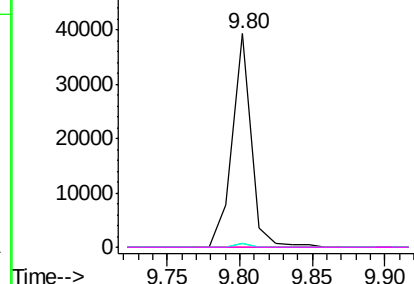
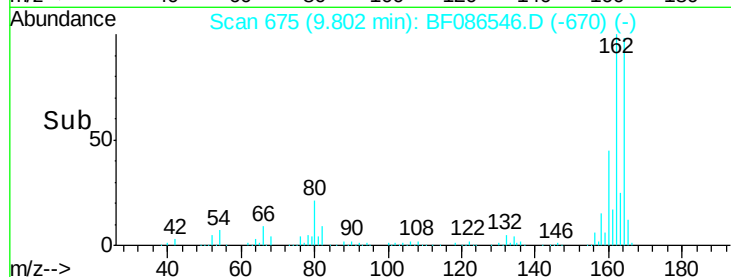
#56
 2,4-Dinitrotoluene
 Concen: 6.24 ng
 RT: 9.80 min Scan# 675
 Delta R.T. -0.24 min
 Lab File: BF086546.D
 Acq: 1 May 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 SS5

Tgt Ion:165 Resp: 35776
 Ion Ratio Lower Upper
 165 100
 63 1.6 44.3 66.5#
 89 1.7 70.0 105.0#
 182 0.0 1.8 2.6#

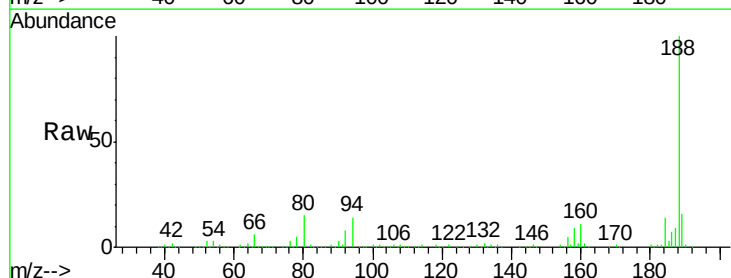


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BF0
 Ion 89.00 (88.70 to 89.70): BF0
 Ion 182.00 (181.70 to 182.70): E

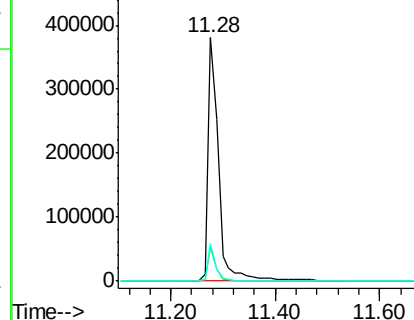
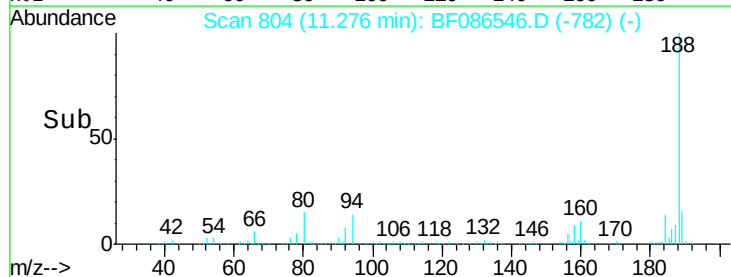


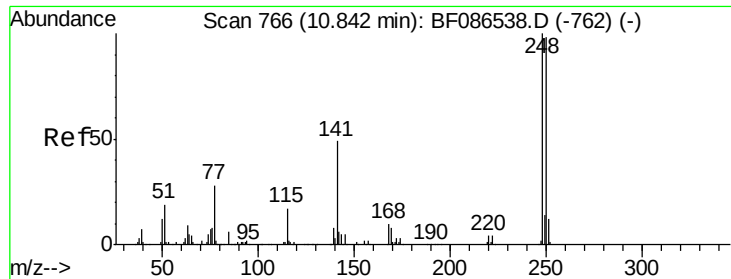
#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 11.28 min Scan# 804
 Delta R.T. -0.05 min
 Lab File: BF086546.D
 Acq: 1 May 2016 2:51

Tgt Ion:188 Resp: 537440
 Ion Ratio Lower Upper
 188 100
 94 13.9 6.8 10.2#
 80 15.3 7.1 10.7#



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

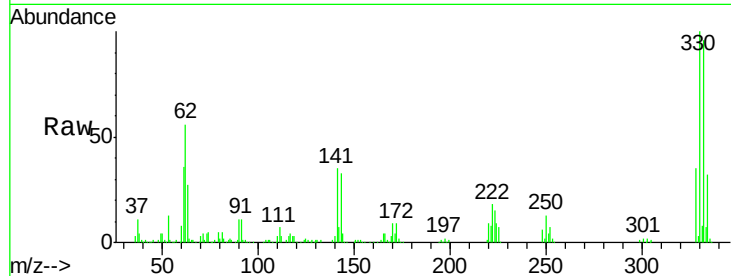




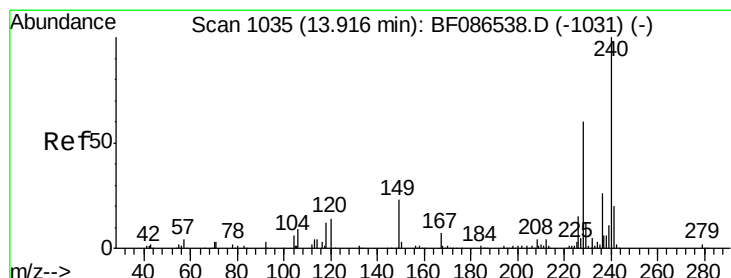
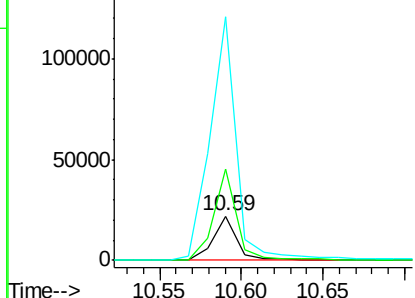
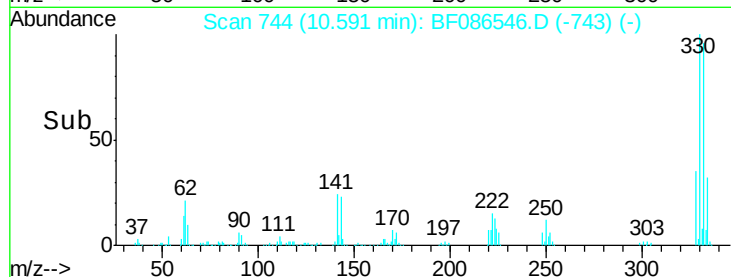
#66
4-Bromophenyl-phenylether
Concen: 4.01 ng
RT: 10.59 min Scan# 744
Delta R.T. -0.29 min
Lab File: BF086546.D
Acq: 1 May 2016 2:51

Instrument :
BNA_F
ClientSampleId :
SS5

Tgt Ion:248 Resp: 22199
Ion Ratio Lower Upper
248 100
250 204.4 78.6 117.8#
141 547.6 76.0 114.0#

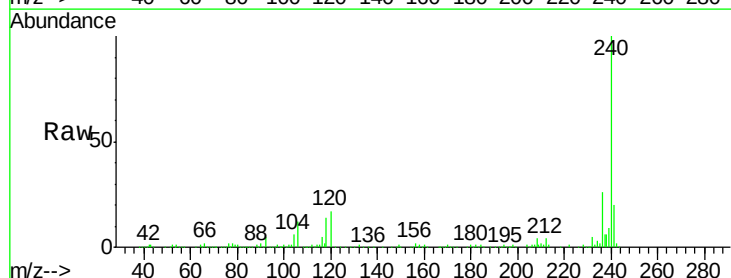


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

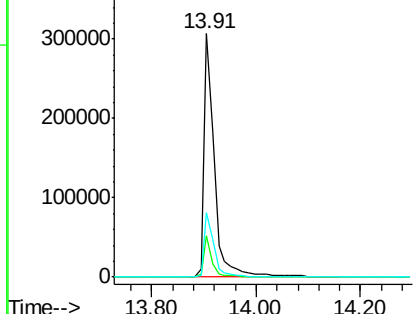
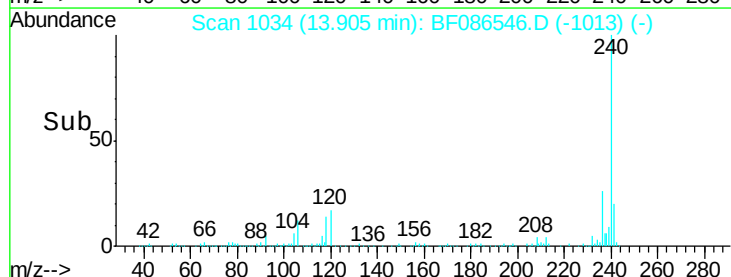


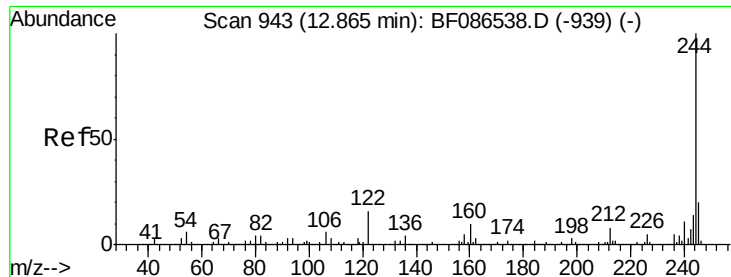
#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.91 min Scan# 1034
Delta R.T. -0.06 min
Lab File: BF086546.D
Acq: 1 May 2016 2:51

Tgt Ion:240 Resp: 428173
Ion Ratio Lower Upper
240 100
120 16.8 11.2 16.8#
236 26.2 21.2 31.8



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: 69.58 ng

RT: 12.87 min Scan# 943

Delta R.T. -0.05 min

Lab File: BF086546.D

Acq: 1 May 2016 2:51

Instrument :

BNA_F

ClientSampled :

SS5

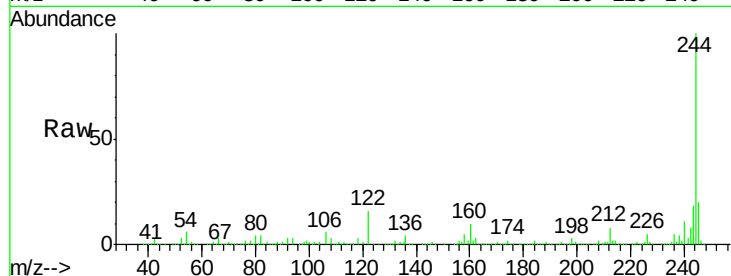
Tgt Ion:244 Resp: 1352254

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

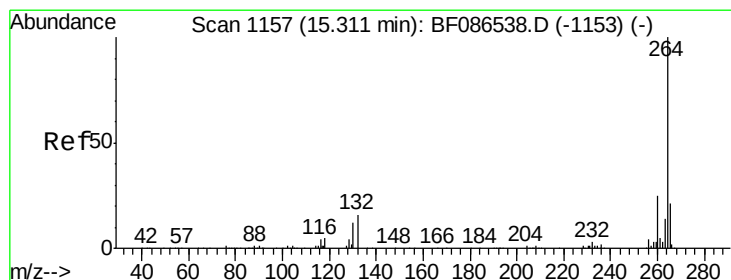
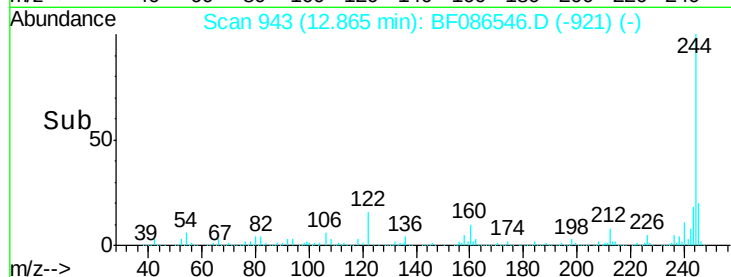
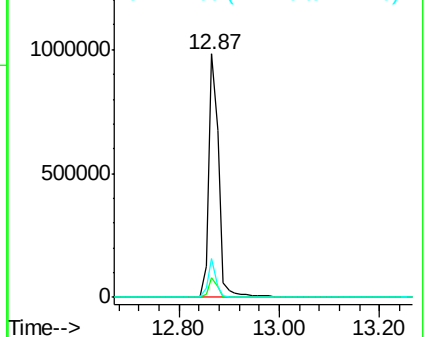
122 15.8 12.0 18.0



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: 15.30 min Scan# 1156

Delta R.T. -0.06 min

Lab File: BF086546.D

Acq: 1 May 2016 2:51

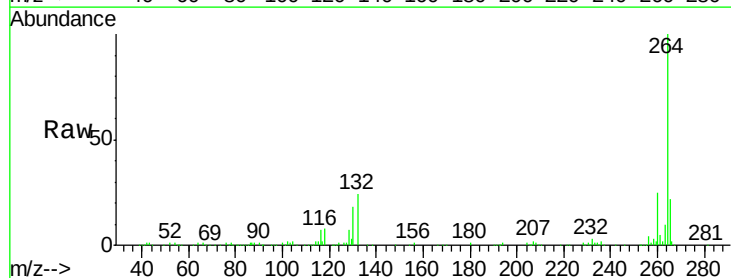
Tgt Ion:264 Resp: 324115

Ion Ratio Lower Upper

264 100

260 25.1 19.5 29.3

265 21.5 17.3 25.9



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

