

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 01:18:28 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

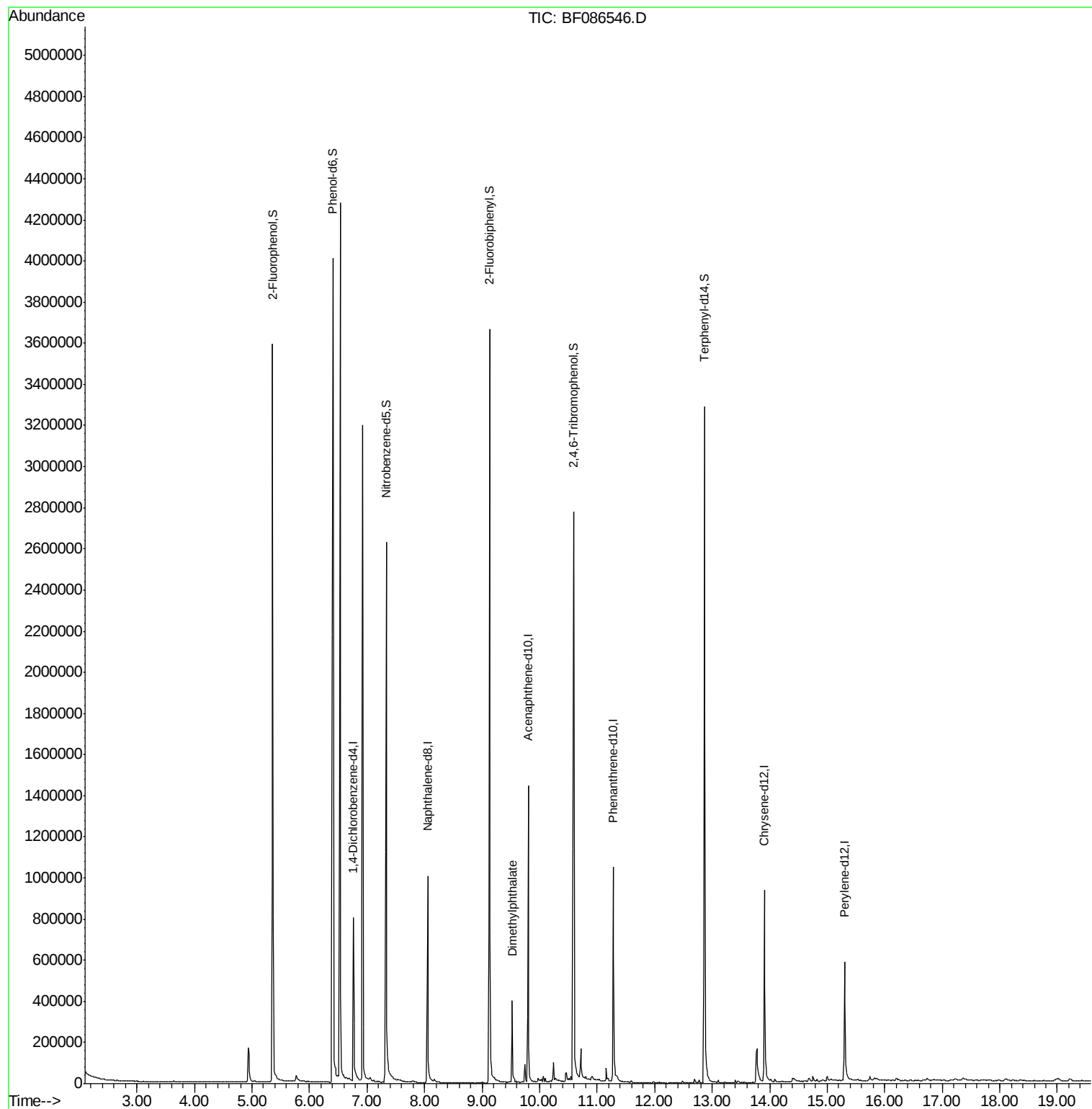
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.76	152	131248	20.00	ng	-0.05
21) Naphthalene-d8	8.05	136	571785	20.00	ng	-0.05
38) Acenaphthene-d10	9.80	164	288954	20.00	ng	-0.05
63) Phenanthrene-d10	11.28	188	537440	20.00	ng	-0.05
75) Chrysene-d12	13.91	240	428173	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						Qvalue
49) Dimethylphthalate	9.53	163	217994	10.02	ng	98

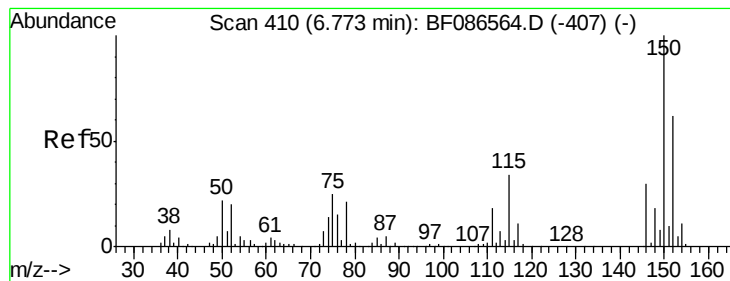
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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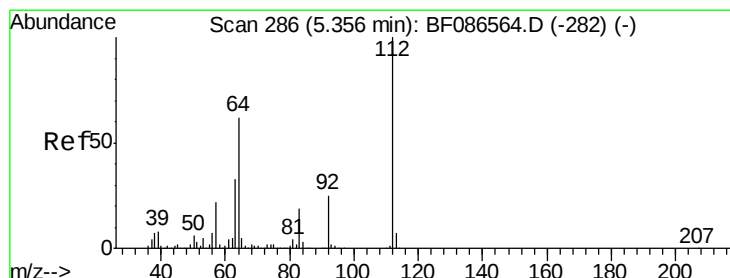
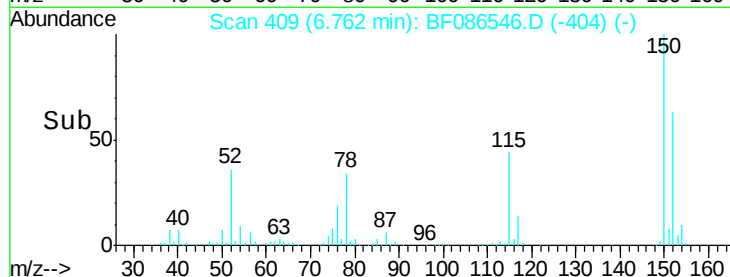
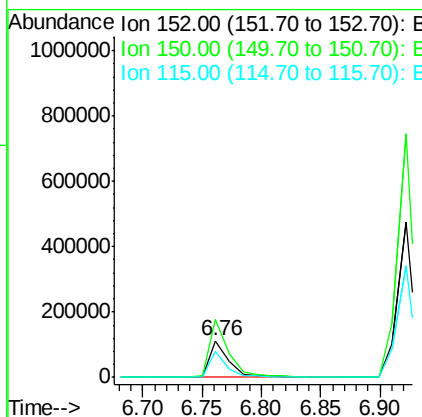
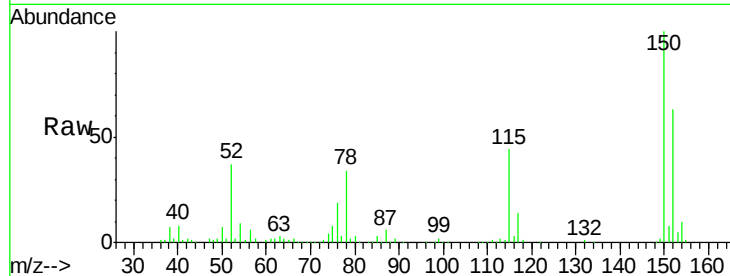




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 6.76 min Scan# 409
 Delta R.T. -0.05 min
 Lab File: BF086546.D
 Acq: 1 May 2016 2:51

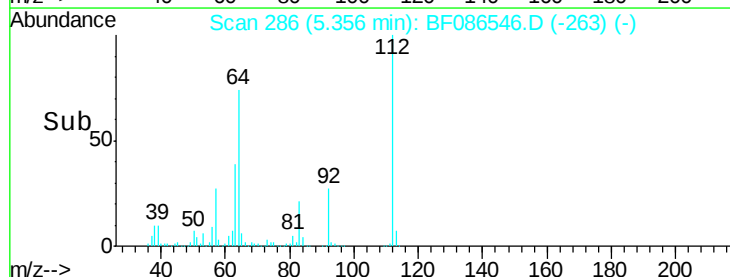
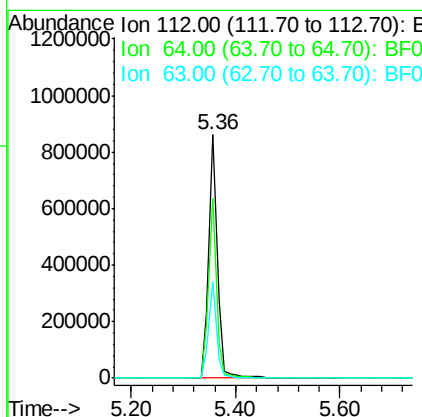
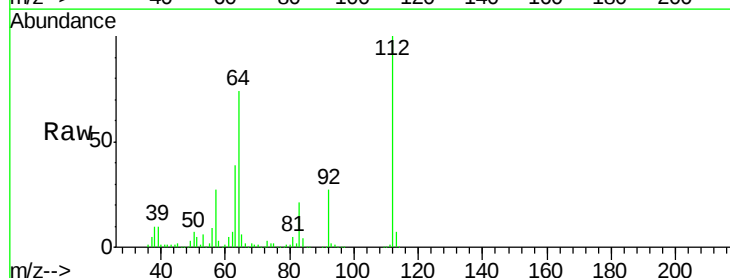
Instrument :
 BNA_F
 ClientSampleId :
 SS5

Tot Ion:152 Resp: 131248
 Ion Ratio Lower Upper
 152 100
 150 159.0 125.8 188.6
 115 70.4 51.5 77.3



#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#





#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 :

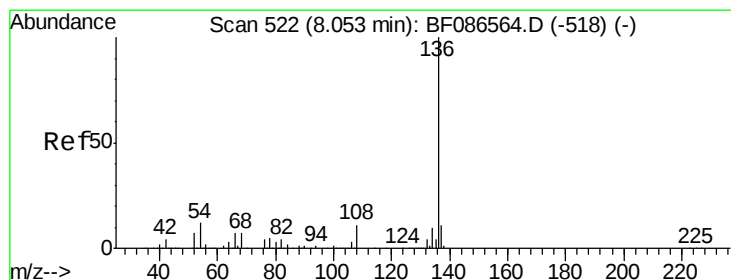
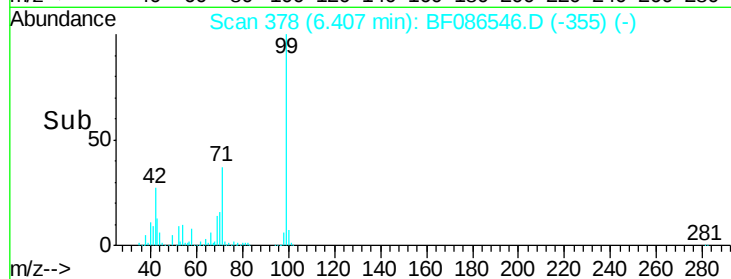
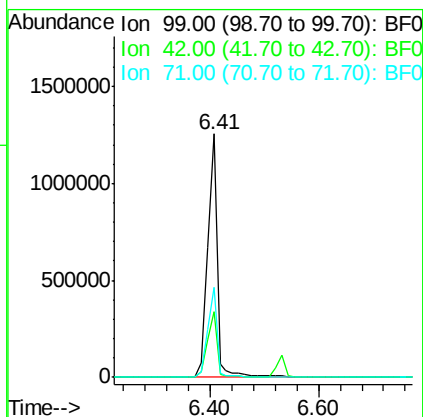
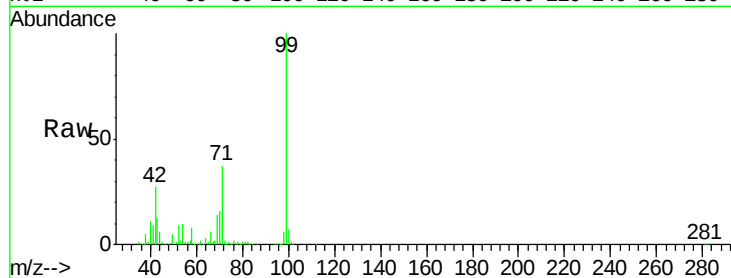
BNA_F

ClientSampleId :

SS5

Tot Ion: 99 Resp: 1535725

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



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.05 min Scan# 522

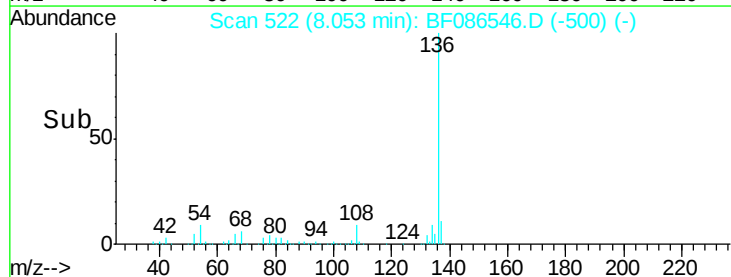
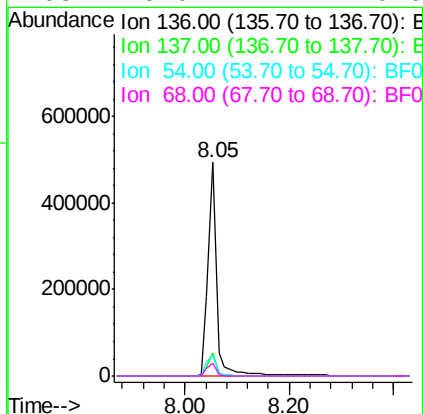
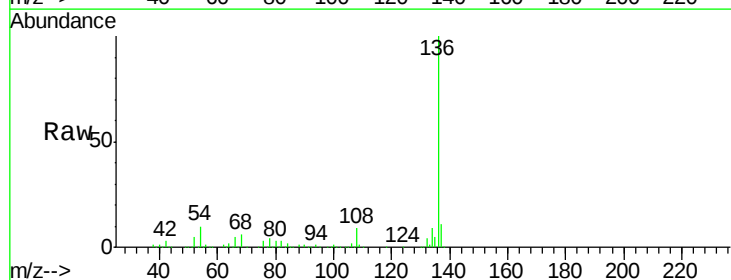
Delta R.T. -0.05 min

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

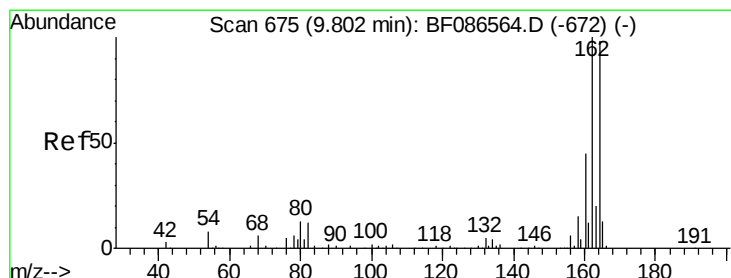
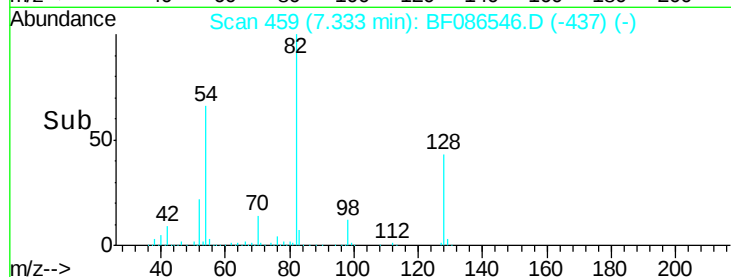
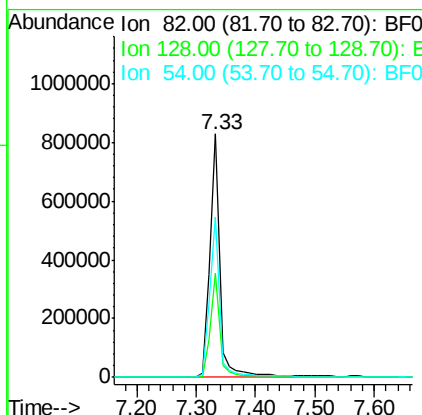
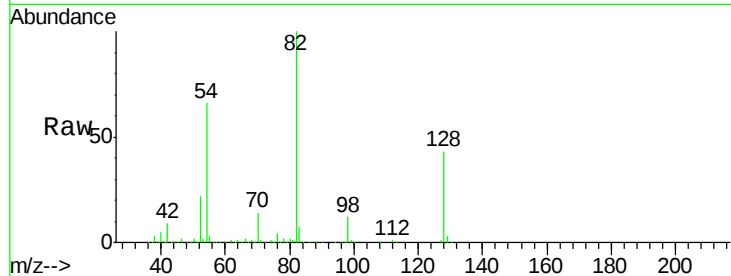




#23
 Nitrobenzene-d5
 Concen: 93.72 ng
 RT: 7.33 min Scan# 459
 Delta R.T. -0.05 min
 Lab File: BF086546.D
 Acq: 1 May 2016 2:51

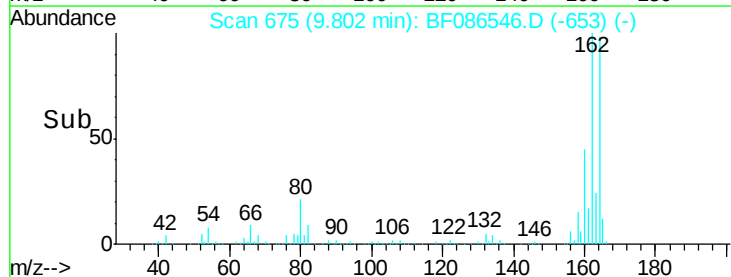
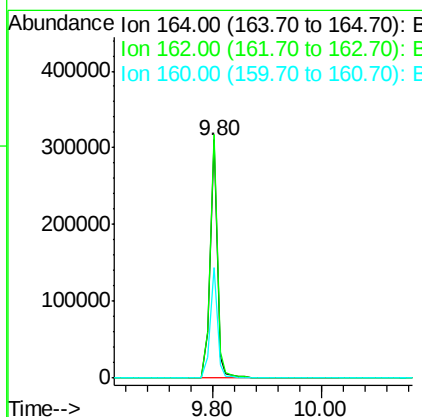
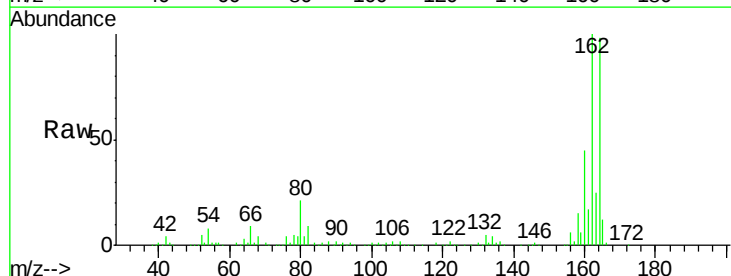
Instrument :
 BNA_F
 ClientSampleId :
 SS5

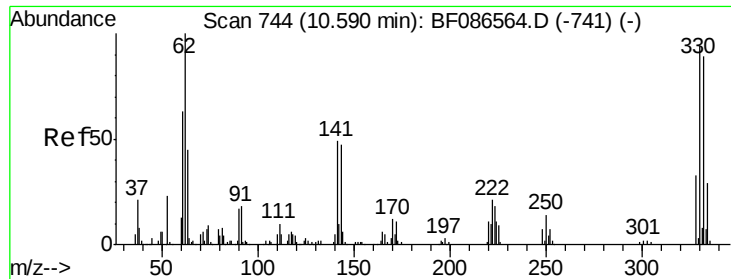
Tot Ion: 82 Resp: 994170
 Ion Ratio Lower Upper
 82 100
 128 42.7 40.6 61.0
 54 66.1 38.1 57.1#



#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

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

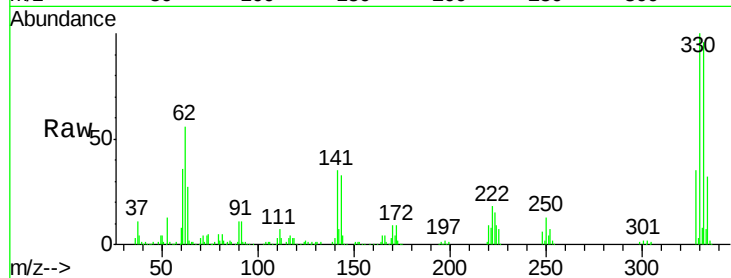




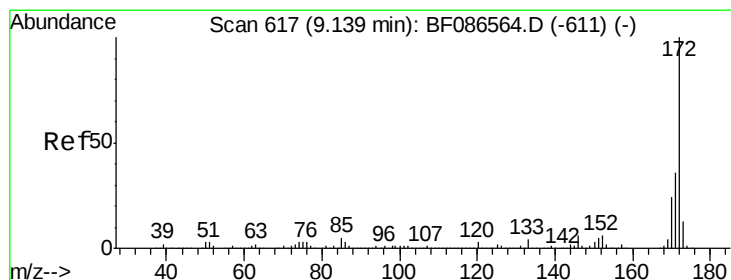
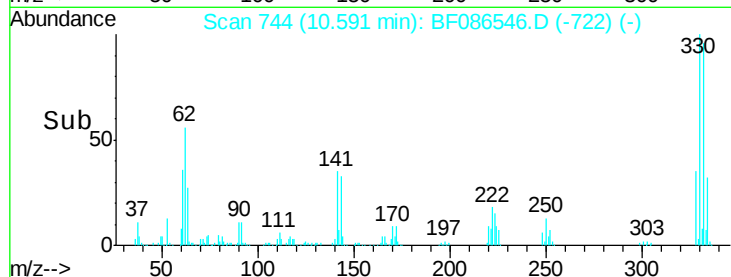
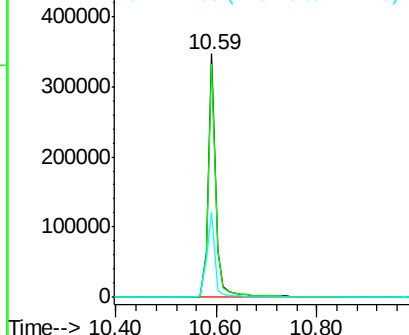
#41
 2,4,6-Tribromophenol
 Concen: 121.38 ng
 RT: 10.59 min Scan# 744
 Delta R.T. -0.05 min
 Lab File: BF086546.D
 Acq: 1 May 2016 2:51

Instrument :
 BNA_F
 ClientSampleId :
 SS5

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.0	79.0	118.4
141	37.5	31.2	46.8

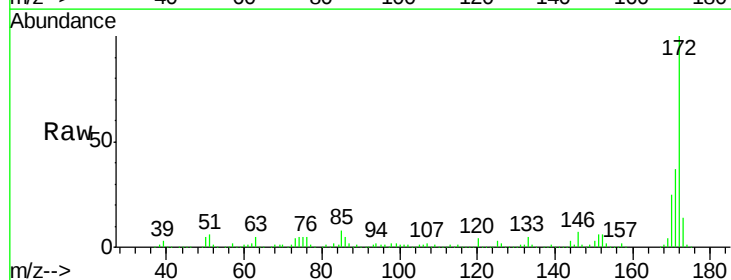


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

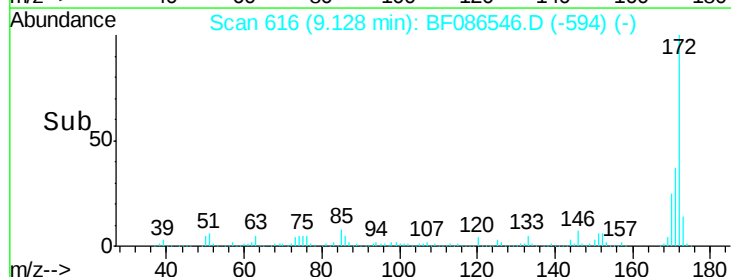
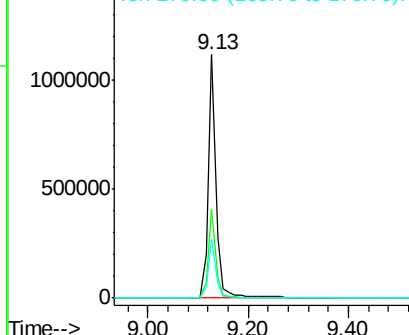


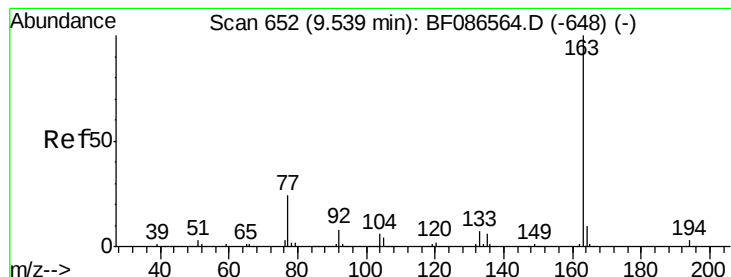
#44
 2-Fluorobiphenyl
 Concen: 71.25 ng
 RT: 9.13 min Scan# 616
 Delta R.T. -0.05 min
 Lab File: BF086546.D
 Acq: 1 May 2016 2:51

Tgt 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

Instrument :

BNA_F

ClientSampleId :

SS5

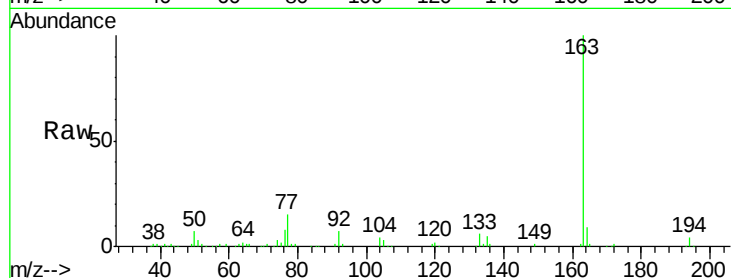
Tot Ion:163 Resp: 217994

Ion Ratio Lower Upper

163 100

194 3.8 2.6 4.0

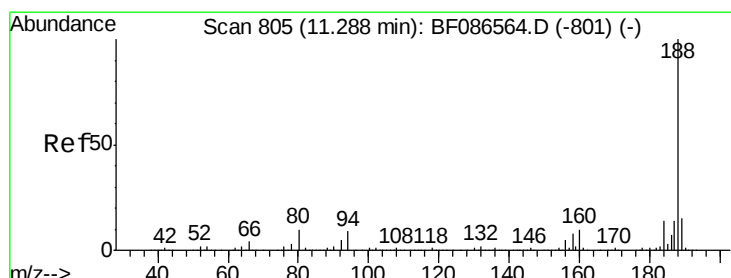
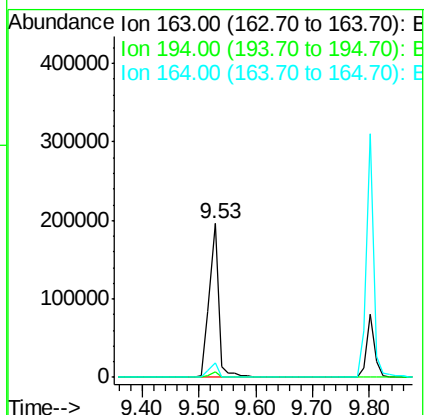
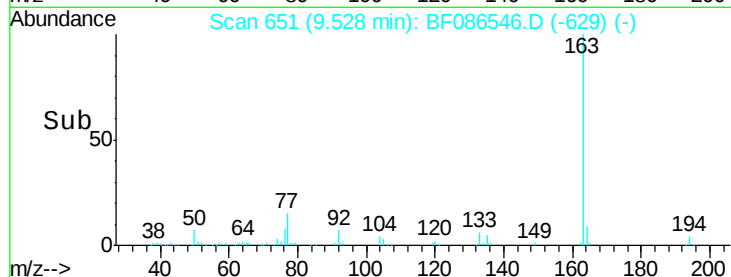
164 9.4 8.2 12.4



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



#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

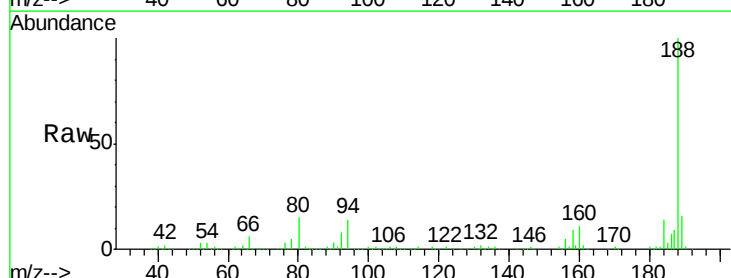
Tgt Ion:188 Resp: 537440

Ion Ratio Lower Upper

188 100

94 13.9 6.8 10.2#

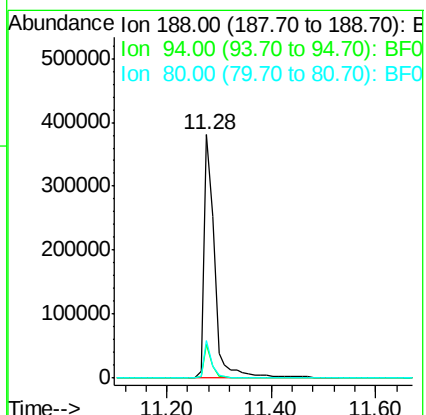
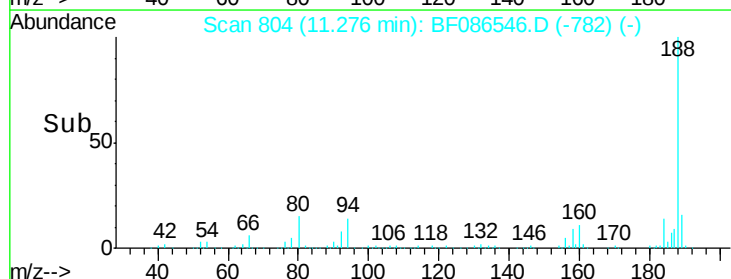
80 15.3 7.1 10.7#

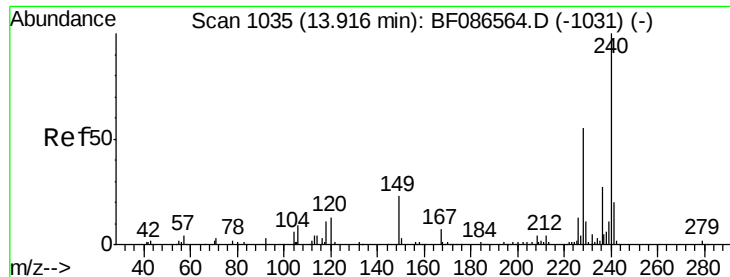


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BF0

Ion 80.00 (79.70 to 80.70): BF0





#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

Instrument :

BNA_F

ClientSampleId :

SS5

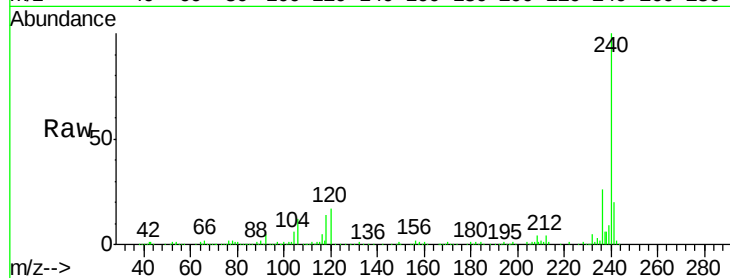
Tot Ion:240 Resp: 428173

Ion Ratio Lower Upper

240 100

120 16.8 11.2 16.8#

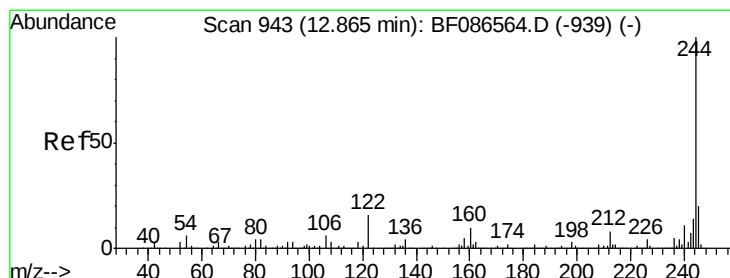
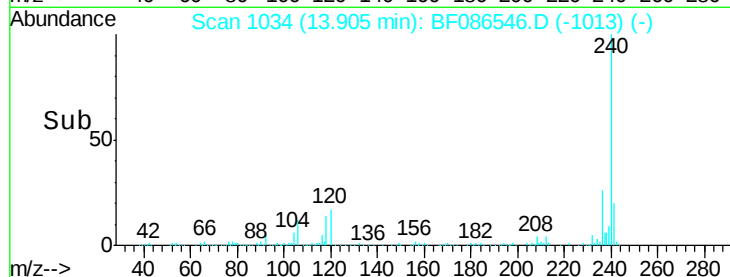
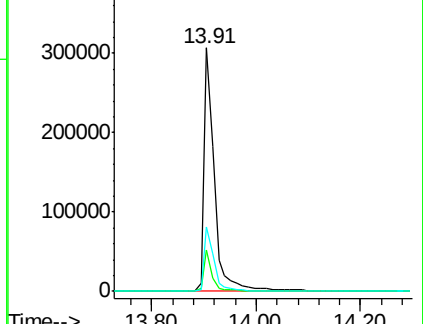
236 26.2 21.2 31.8



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

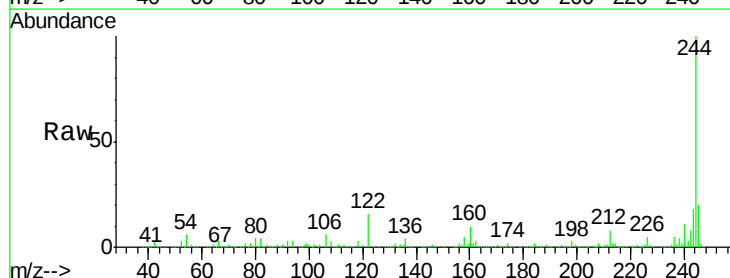
Tgt Ion:244 Resp: 1352254

Ion Ratio Lower Upper

244 100

212 7.9 6.2 9.2

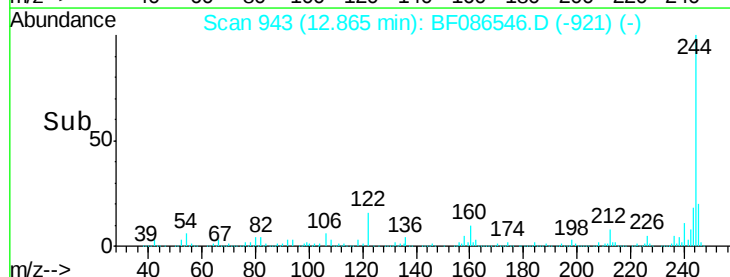
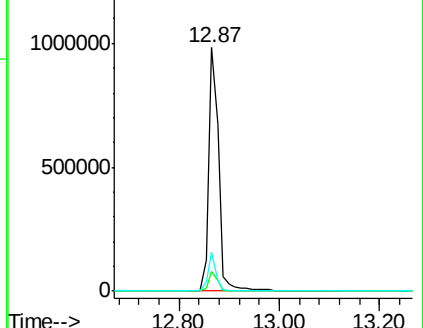
122 15.8 12.0 18.0

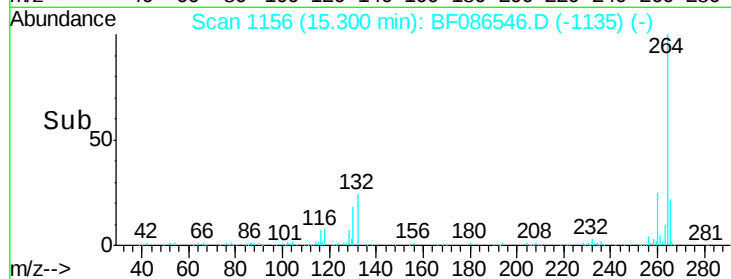
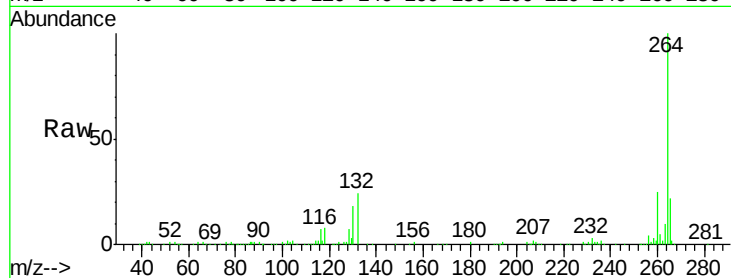
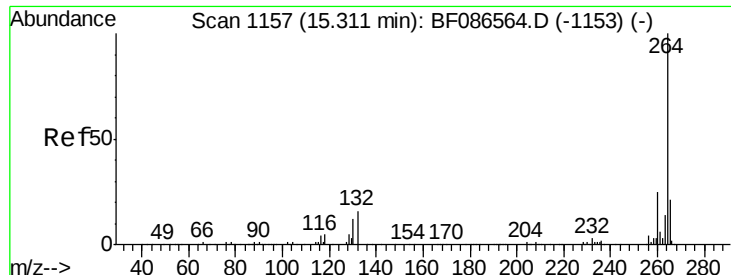


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86

Pervlene-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

Instrument :

BNA_F

ClientSampleId :

SS5

Tot Ion:264 Resp: 324115

Ion Ratio Lower Upper

264 100

260 25.1 19.5 29.3

265 21.5 17.3 25.9

