

Data Path : Z:\HPCHEM1\BNA F\DATA\BF051316\
 Data File : BF086983.D
 Acq On : 13 May 2016 21:22
 Operator : UM/SJ
 Sample : H3026-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 WELDON-WC-SC-020

Quant Time: May 13 23:16:05 2016
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF050916.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri May 13 23:02:21 2016
 Response via : Initial Calibration

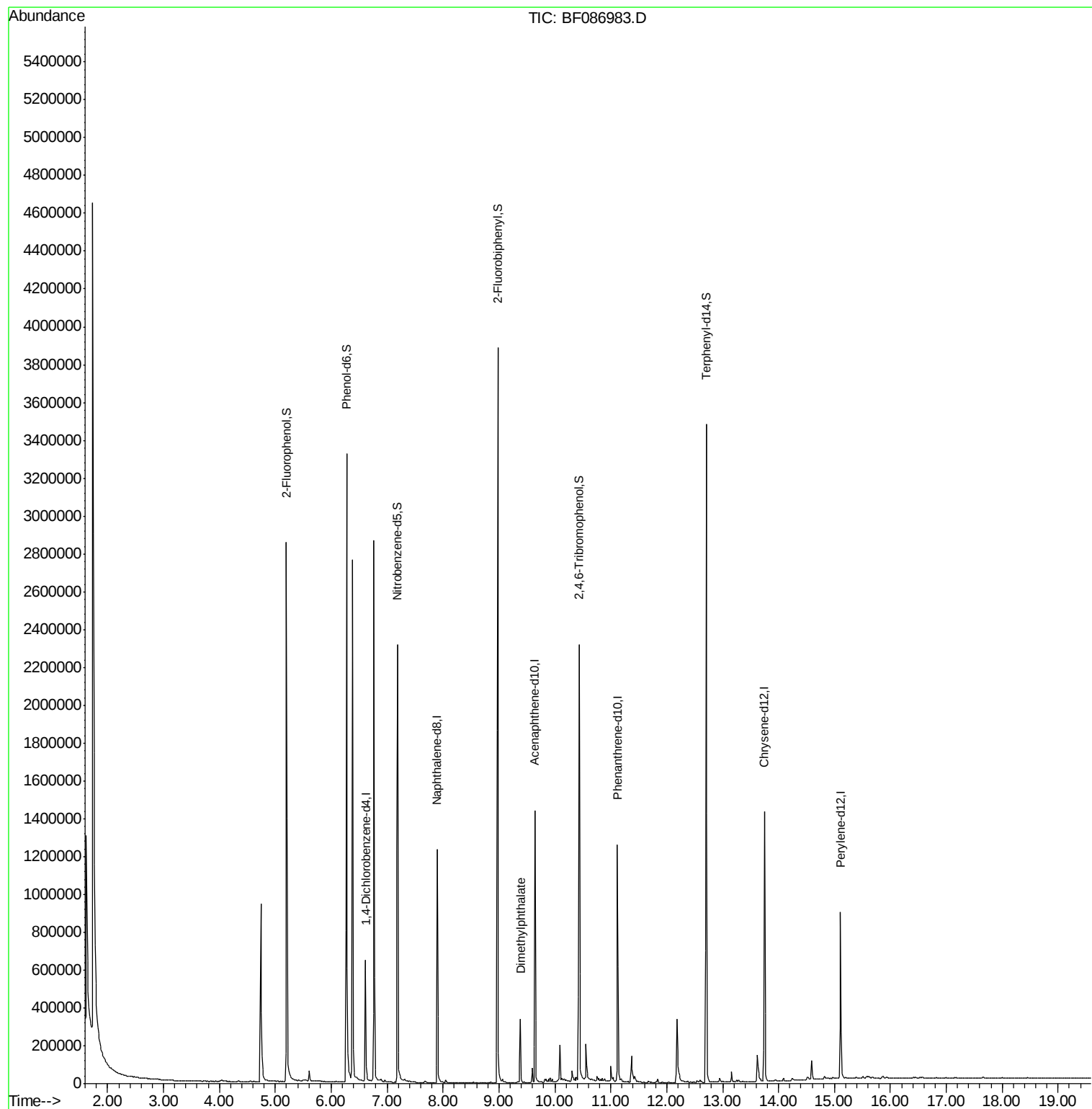
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.62	152	135476	20.00	ng	0.00
21) Naphthalene-d8	7.90	136	559933	20.00	ng	-0.01
38) Acenaphthene-d10	9.64	164	274854	20.00	ng	-0.01
63) Phenanthrene-d10	11.12	188	529112	20.00	ng	-0.01
75) Chrysene-d12	13.75	240	463260	20.00	ng	-0.01
86) Perylene-d12	15.11	264	361870	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.20	112	826683	103.34	ng	0.00
7) Phenol-d6	6.27	99	1057508	98.91	ng	-0.01
23) Nitrobenzene-d5	7.19	82	850135	76.24	ng	-0.01
41) 2,4,6-Tribromophenol	10.43	330	258014	88.67	ng	-0.01
44) 2-Fluorobiphenyl	8.98	172	1349322	82.51	ng	0.00
78) Terphenyl-d14	12.71	244	1221163	55.93	ng	-0.01
Target Compounds						Qvalue
49) Dimethylphthalate	9.38	163	135921	6.48	ng	99

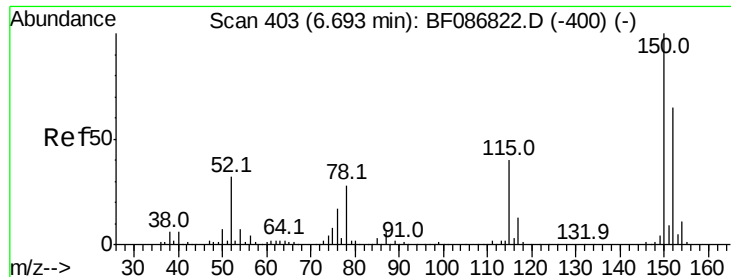
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF086983.D

Acq: 13 May 2016 21:22

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-020

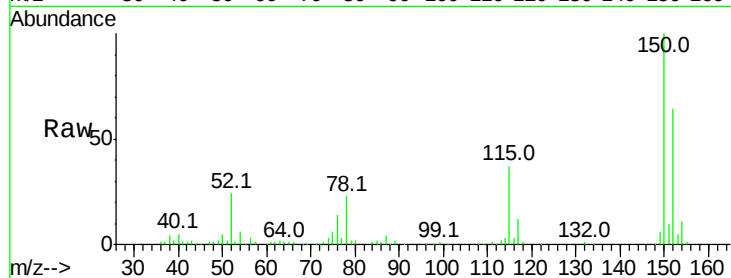
Tot Ion:152 Resp: 135476

Ion Ratio Lower Upper

152 100

150 156.4 125.8 188.6

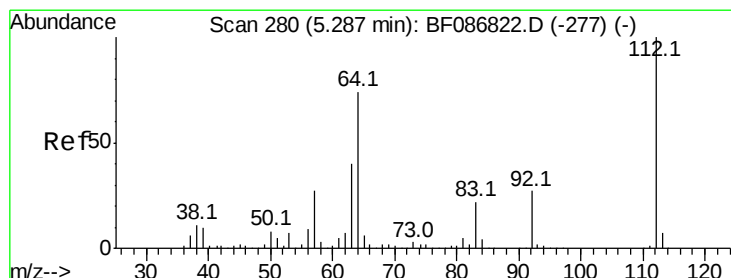
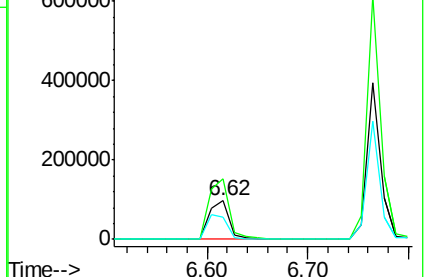
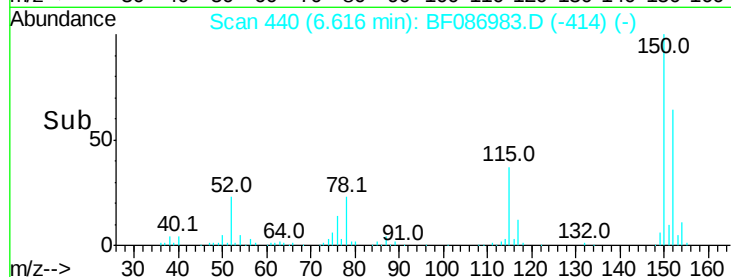
115 57.7 51.5 77.3



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: 103.34 ng

RT: 5.20 min Scan# 316

Delta R.T. -0.00 min

Lab File: BF086983.D

Acq: 13 May 2016 21:22

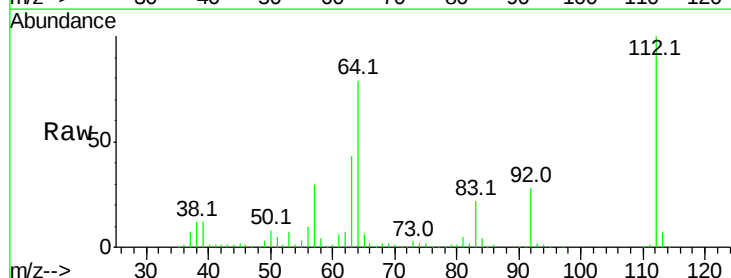
Tgt Ion:112 Resp: 826683

Ion Ratio Lower Upper

112 100

64 79.2 52.1 78.1#

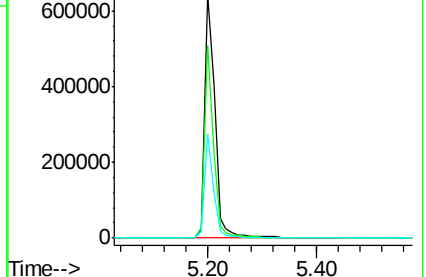
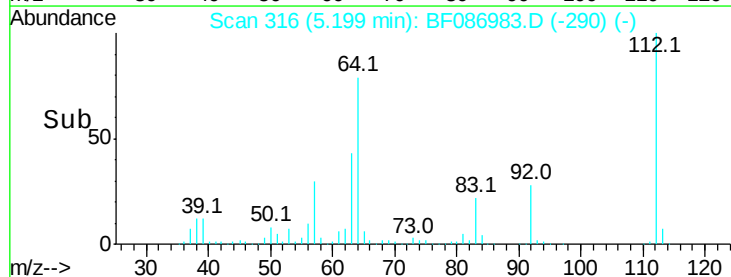
63 42.8 25.7 38.5#

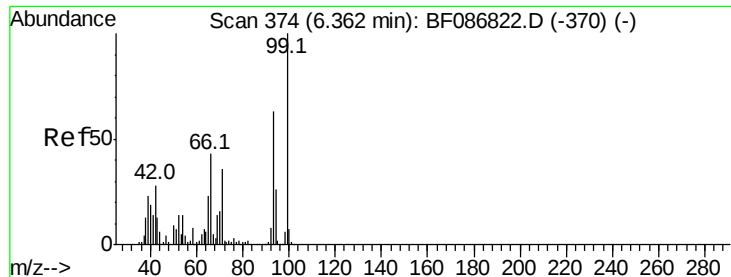


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#7

Phenol-d6

Concen: 98.91 ng

RT: 6.27 min Scan# 410

Delta R.T. -0.01 min

Lab File: BF086983.D

Acq: 13 May 2016 21:22

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-020

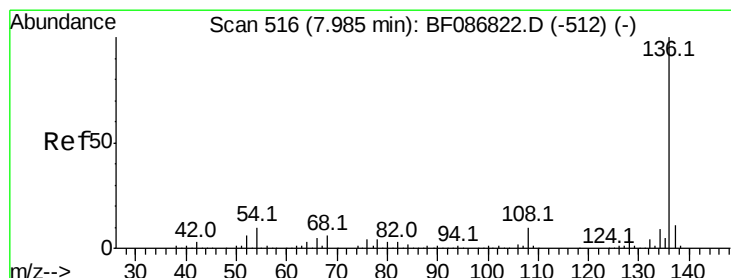
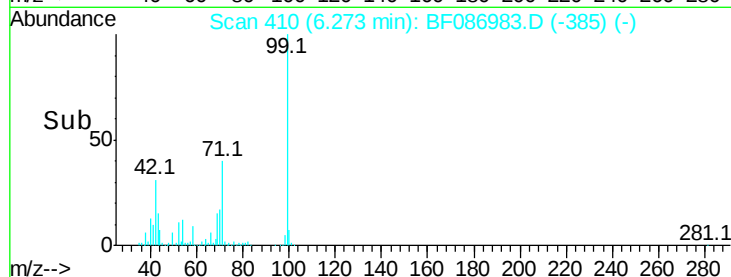
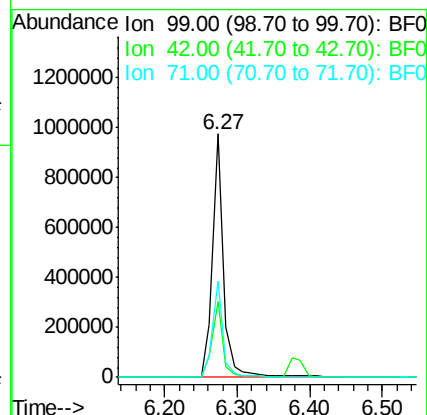
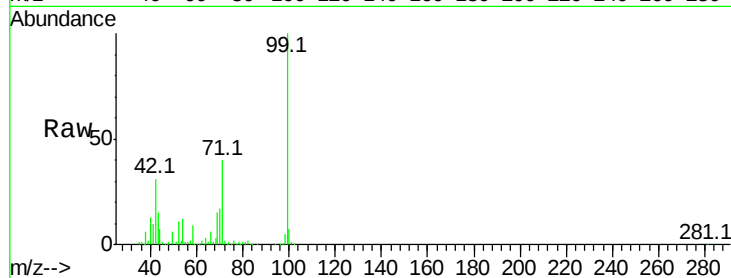
Tot Ion: 99 Resp: 1057508

Ion Ratio Lower Upper

99 100

42 31.0 13.6 20.4#

71 39.5 24.6 36.8#



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 7.90 min Scan# 552

Delta R.T. -0.01 min

Lab File: BF086983.D

Acq: 13 May 2016 21:22

Tgt Ion: 136 Resp: 559933

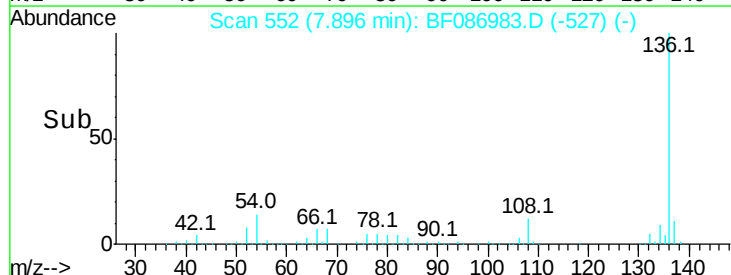
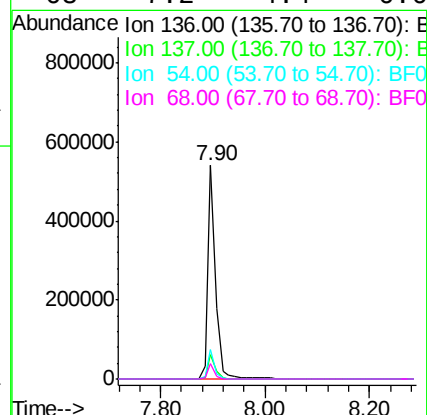
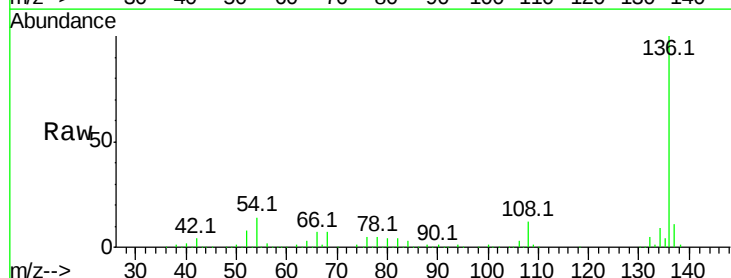
Ion Ratio Lower Upper

136 100

137 11.1 8.8 13.2

54 14.0 5.0 7.4#

68 7.2 4.4 6.6#

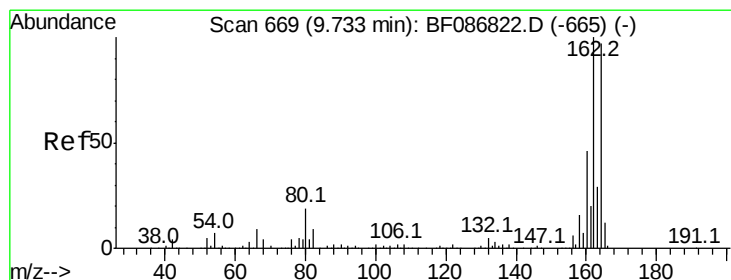
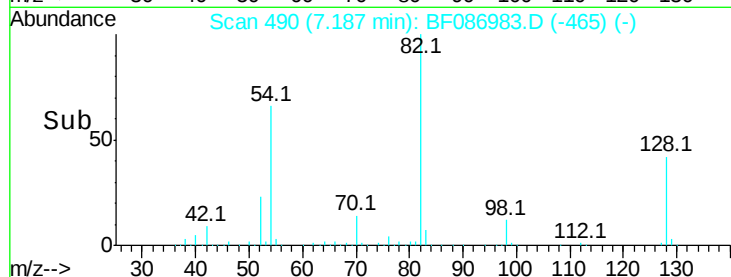
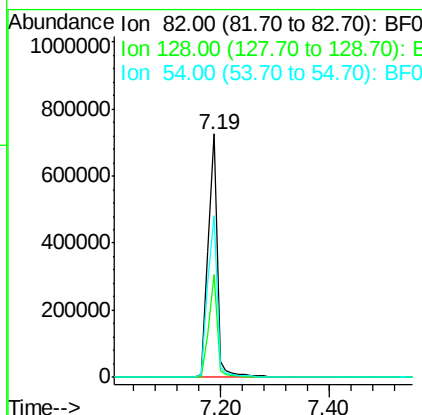
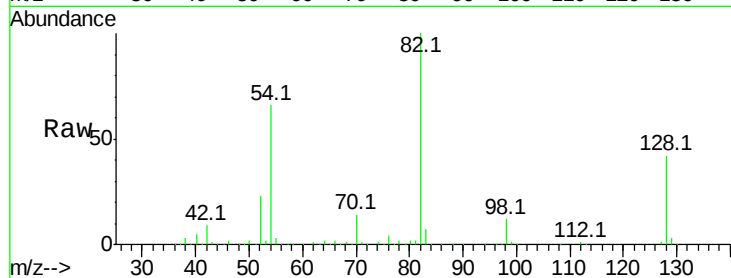




#23
Nitrobenzene-d5
Concen: 76.24 ng
RT: 7.19 min Scan# 490
Delta R.T. -0.01 min
Lab File: BF086983.D
Acq: 13 May 2016 21:22

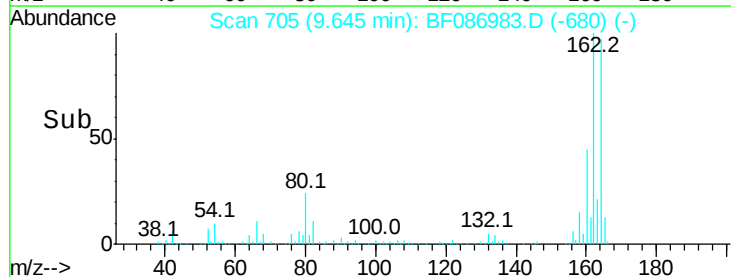
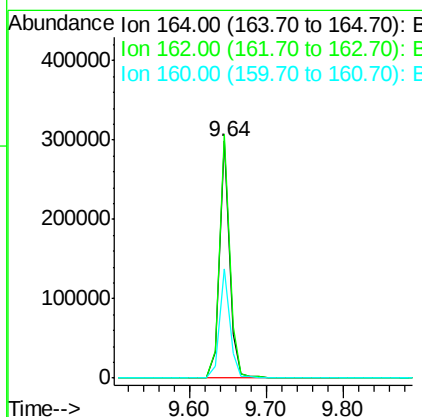
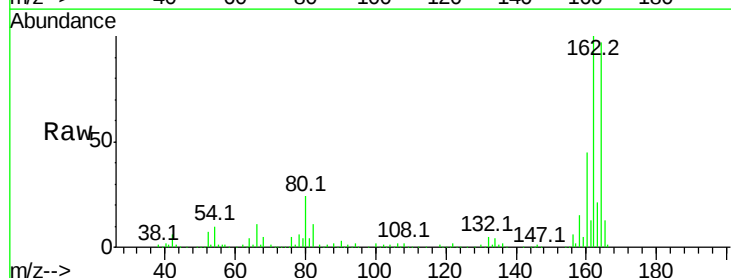
Instrument :
BNA_F
ClientSampleId :
WELDON-WC-SC-020

Tot Ion: 82 Resp: 850135
Ion Ratio Lower Upper
82 100
128 42.3 40.6 61.0
54 66.4 38.1 57.1#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.64 min Scan# 705
Delta R.T. -0.01 min
Lab File: BF086983.D
Acq: 13 May 2016 21:22

Tgt Ion: 164 Resp: 274854
Ion Ratio Lower Upper
164 100
162 102.8 82.8 124.2
160 46.1 36.9 55.3

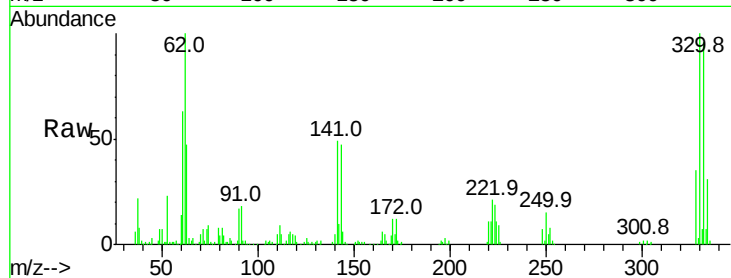




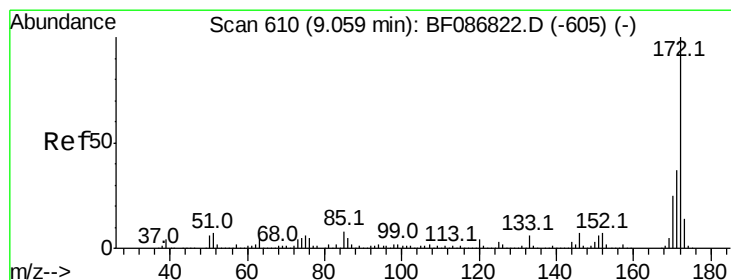
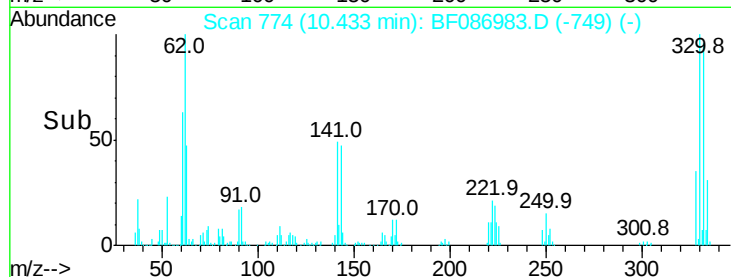
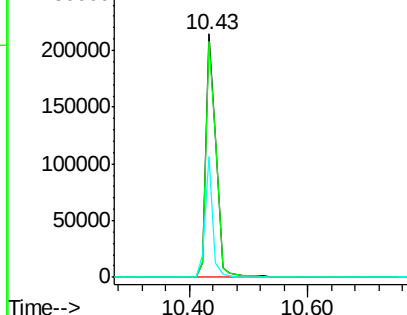
#41
 2,4,6-Tribromophenol
 Concen: 88.67 ng
 RT: 10.43 min Scan# 774
 Delta R.T. -0.01 min
 Lab File: BF086983.D
 Acq: 13 May 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 WELDON-WC-SC-020

Tot Ion:330 Resp: 258014
 Ion Ratio Lower Upper
 330 100
 332 98.0 79.0 118.4
 141 38.6 31.2 46.8

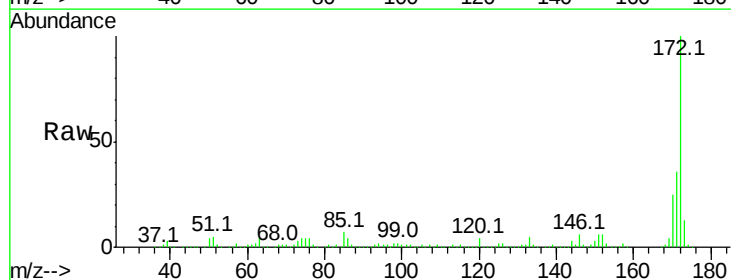


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

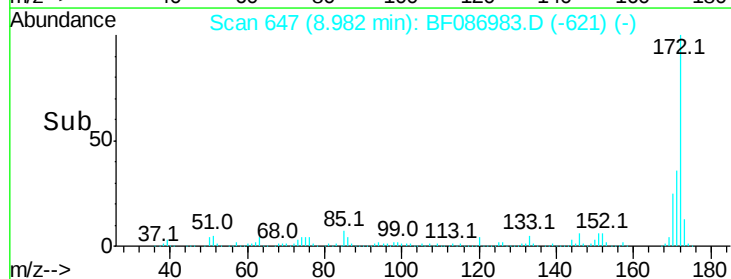
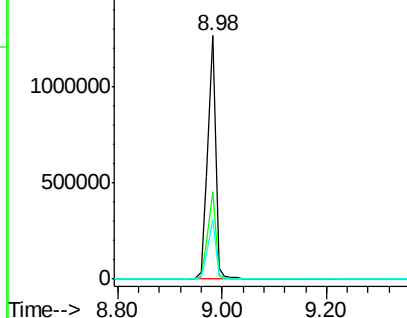


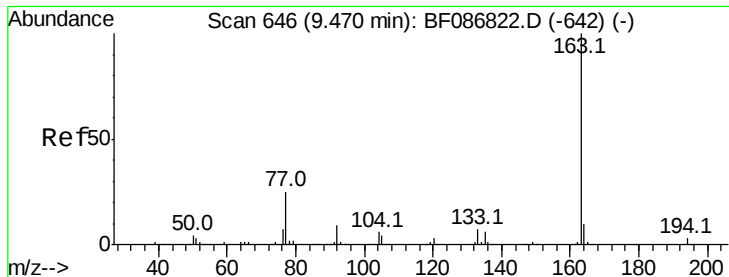
#44
 2-Fluorobiphenyl
 Concen: 82.51 ng
 RT: 8.98 min Scan# 647
 Delta R.T. -0.00 min
 Lab File: BF086983.D
 Acq: 13 May 2016 21:22

Tgt Ion:172 Resp: 1349322
 Ion Ratio Lower Upper
 172 100
 171 36.1 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: 6.48 ng

RT: 9.38 min Scan# 682

Delta R.T. -0.01 min

Lab File: BF086983.D

Acq: 13 May 2016 21:22

Instrument :

BNA_F

ClientSampleId :

WELDON-WC-SC-020

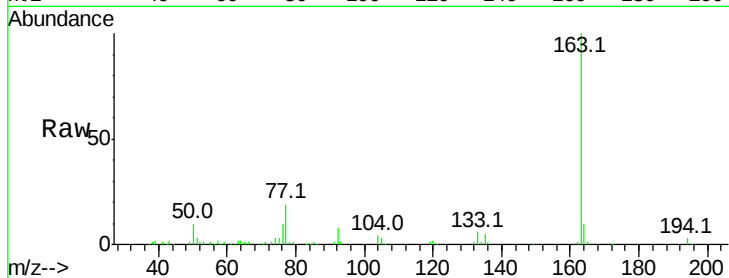
Tot Ion:163 Resp: 135921

Ion Ratio Lower Upper

163 100

194 3.1 2.6 4.0

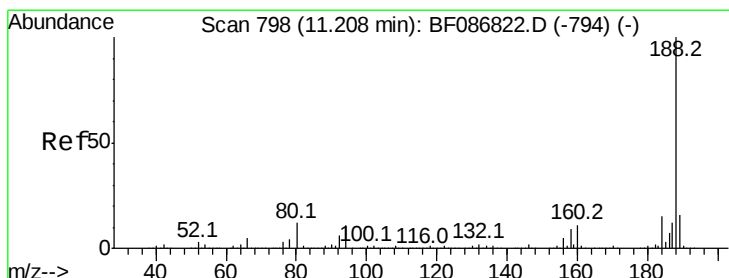
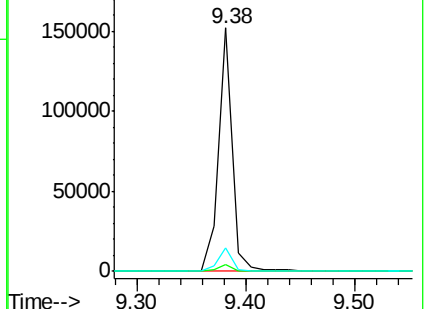
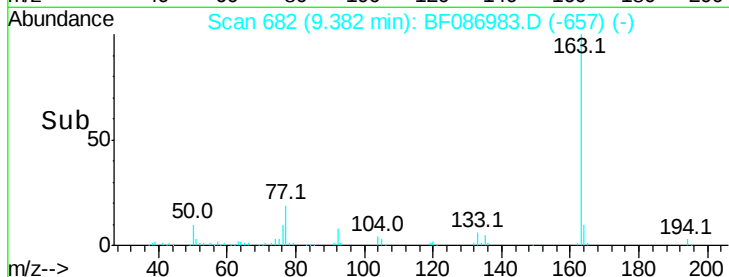
164 9.7 8.2 12.4



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: 11.12 min Scan# 834

Delta R.T. -0.01 min

Lab File: BF086983.D

Acq: 13 May 2016 21:22

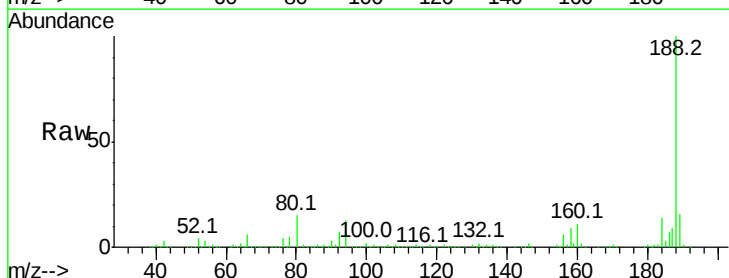
Tgt Ion:188 Resp: 529112

Ion Ratio Lower Upper

188 100

94 13.3 6.8 10.2#

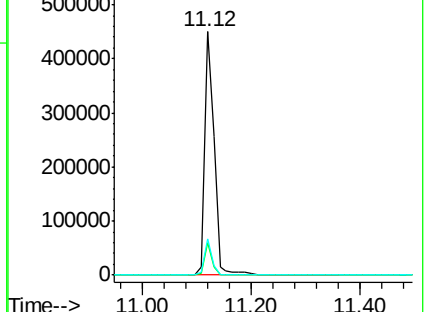
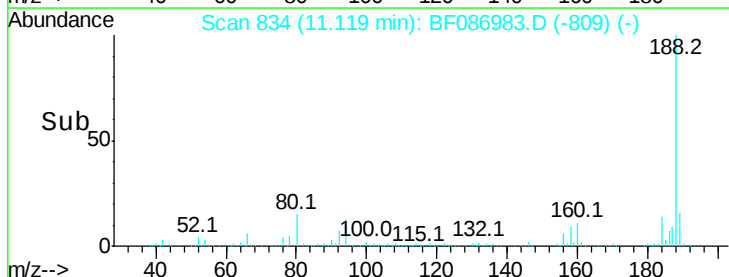
80 15.0 7.1 10.7#

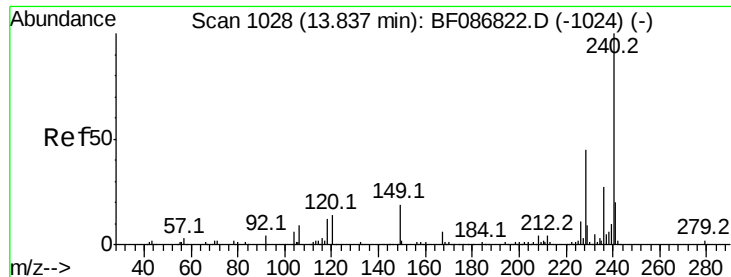


Abundance Ion 188.00 (187.70 to 188.70): E

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: 13.75 min Scan# 1064

Delta R.T. -0.01 min

Lab File: BF086983.D

Acq: 13 May 2016 21:22

Instrument :

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ClientSampleId :

WELDON-WC-SC-020

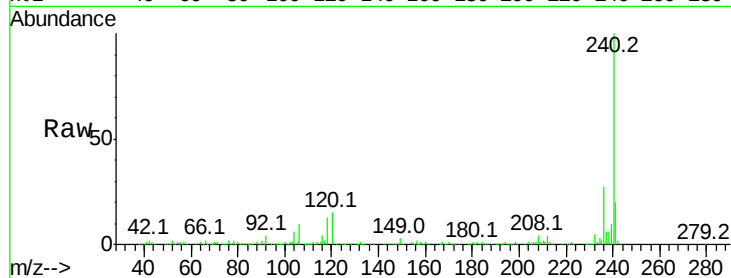
Tot Ion:240 Resp: 463260

Ion Ratio Lower Upper

240 100

120 14.7 11.2 16.8

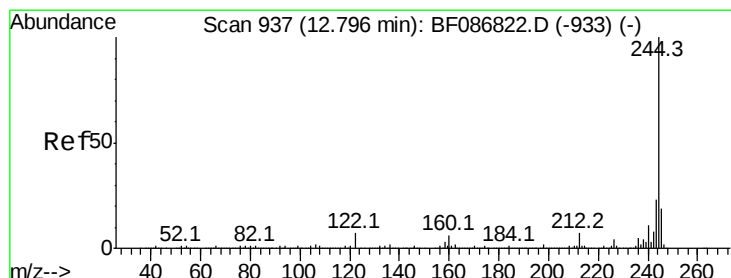
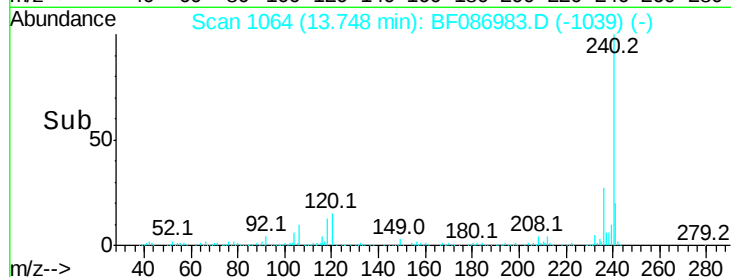
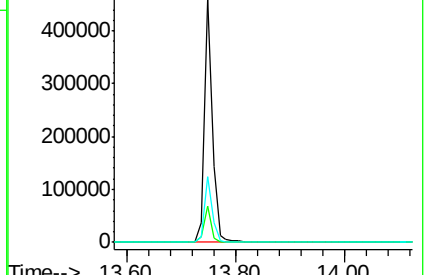
236 27.0 21.2 31.8



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: 55.93 ng

RT: 12.71 min Scan# 973

Delta R.T. -0.01 min

Lab File: BF086983.D

Acq: 13 May 2016 21:22

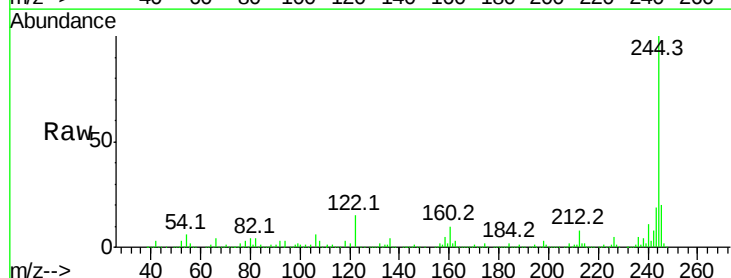
Tgt Ion:244 Resp: 1221163

Ion Ratio Lower Upper

244 100

212 8.1 6.2 9.2

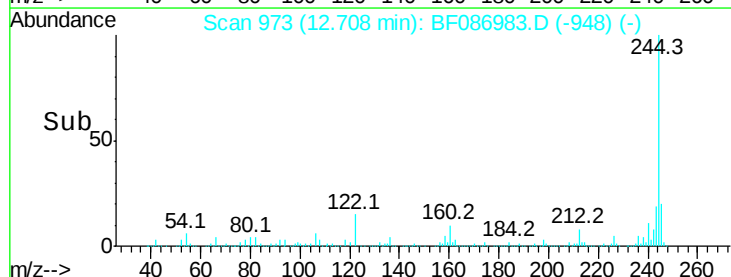
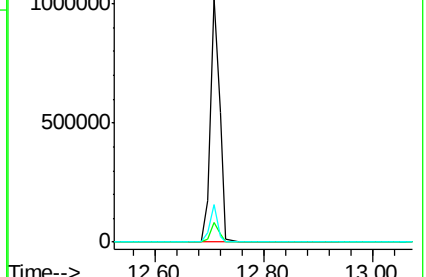
122 15.4 12.0 18.0

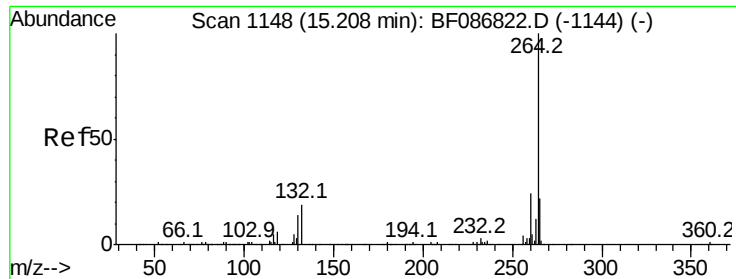


Abundance Ion 244.00 (243.70 to 244.70): E

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: 15.11 min Scan# 1183
 Delta R.T. -0.01 min
 Lab File: BF086983.D
 Acq: 13 May 2016 21:22

Instrument :
 BNA_F
 ClientSampleId :
 WELDON-WC-SC-020

Tot Ion: 264 Resp: 361870
 Ion Ratio Lower Upper
 264 100
 260 25.0 19.5 29.3
 265 21.6 17.3 25.9

