

Data Path : Z:\HPCHEM1\BNA_F\Data\BF062316\
 Data File : BF088326.D
 Acq On : 24 Jun 2016 10:28
 Operator : UM/SJ
 Sample : H3065-11DL2 40X
 Misc :
 ALS Vial : 30 Sample Multiplier: 0.25

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW009-160511DL2

Quant Time: Jun 24 12:38:22 2016
 Quant Method : Z:\HPCHEM1\BNA_F\METHODS\8270-BF060716.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 14:55:14 2016
 Response via : Initial Calibration

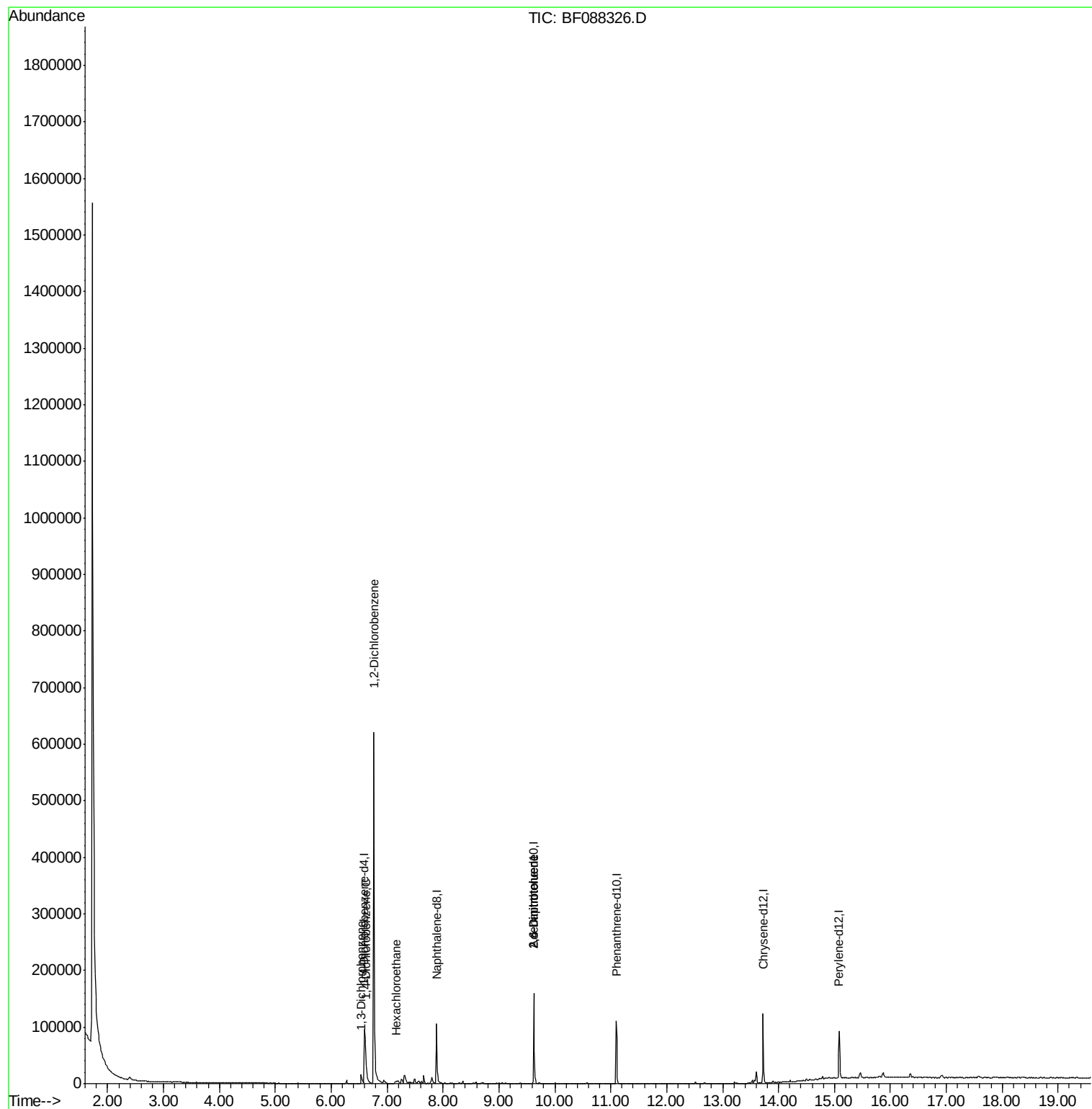
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.59	152	21037	5.00	ng	-0.01
21) Naphthalene-d8	7.88	136	84393	5.00	ng	-0.01
38) Acenaphthene-d10	9.62	164	37956	5.00	ng	-0.02
63) Phenanthrene-d10	11.10	188	60128	5.00	ng	-0.02
75) Chrysene-d12	13.73	240	43696	5.00	ng	-0.02
86) Perylene-d12	15.09	264	39736	5.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	0.00	112	0	0.00	ng	
7) Phenol-d6	0.00	99	0	0.00	ng	
23) Nitrobenzene-d5	0.00	82	0	0.00	ng	
41) 2,4,6-Tribromophenol	0.00	330	0	0.00	ng	
44) 2-Fluorobiphenyl	8.96	172	1171	-1.35	ng	-0.01
78) Terphenyl-d14	12.68	244	1699	0.22	ng	-0.01
Target Compounds						
13) 1,4-Dichlorobenzene	6.62	146	32676	5.19	ng	96
14) 1,2-Dichlorobenzene	6.76	146	243195	42.47	ng	98
45) 1,1'-Biphenyl	9.06	154	658	Below Cal	#	43

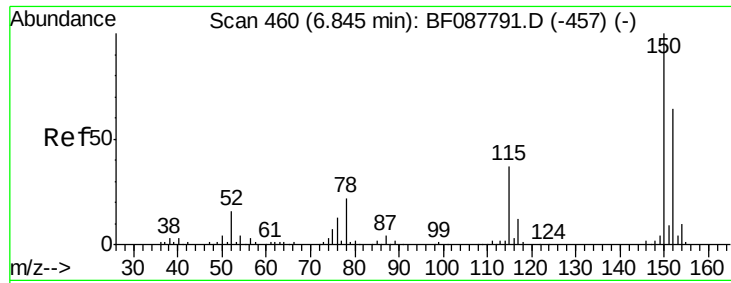
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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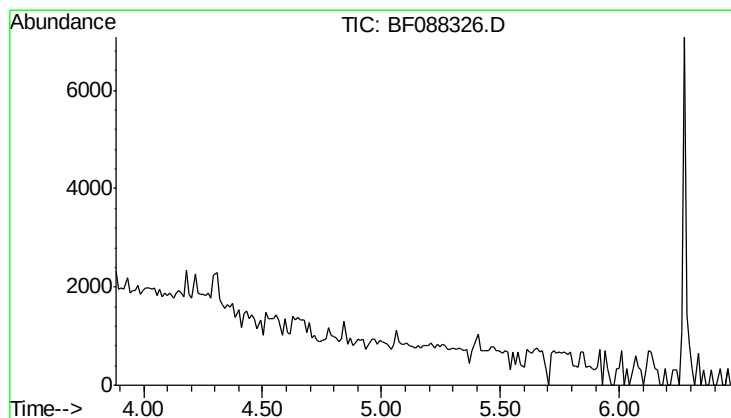
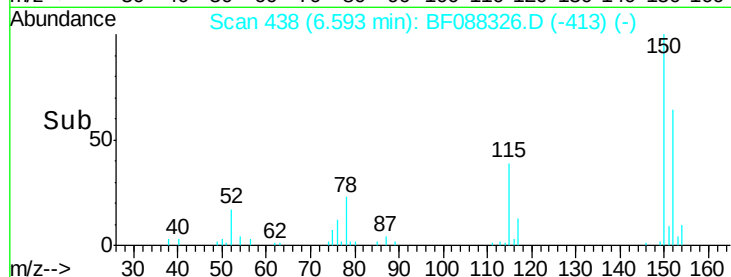
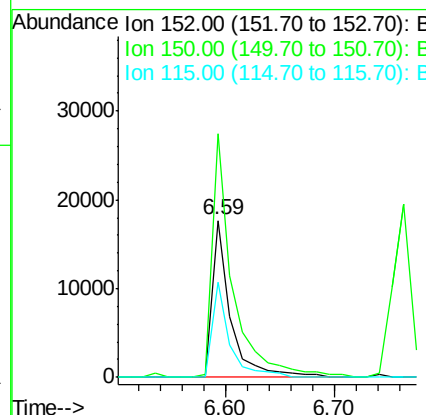
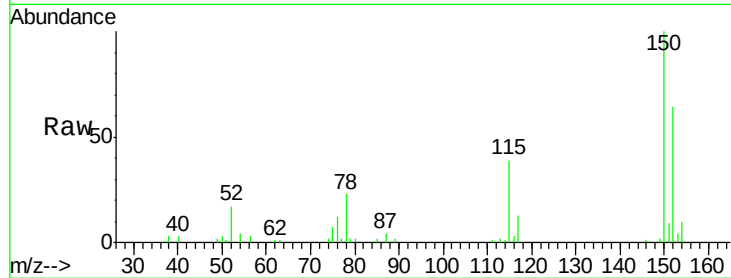




#1
 1,4-Dichlorobenzene-d4
 Concen: 5.00 ng
 RT: 6.59 min Scan# 438
 Delta R.T. -0.01 min
 Lab File: BF088326.D
 Acq: 24 Jun 2016 10:28

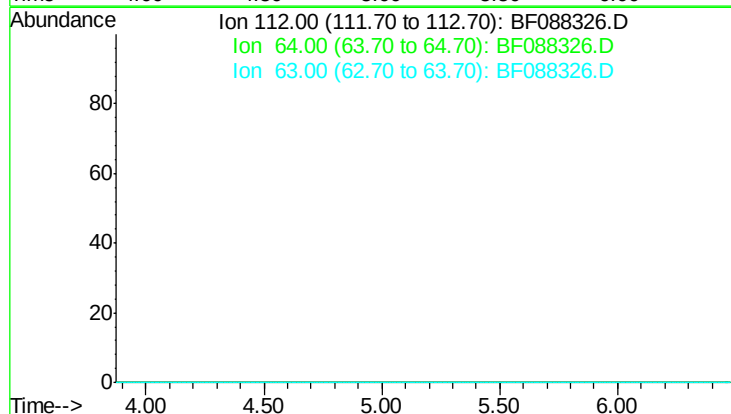
Instrument :
 BNA_F
 ClientSampleId :
 SS043MW009-160511DL2

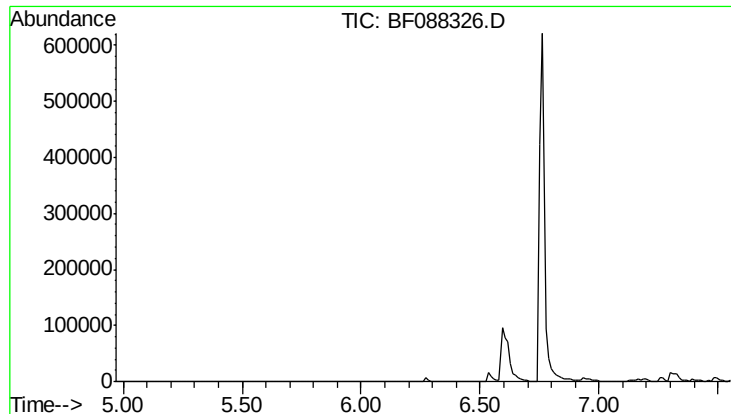
Tgt Ion:152 Resp: 21037
 Ion Ratio Lower Upper
 152 100
 150 155.2 123.8 185.6
 115 60.9 39.6 59.4#



#5
 2-Fluorophenol
 Concen: 0.00 ng
 Expected RT: 5.18 min
 Lab File: BF088326.D
 Acq: 24 Jun 2016 10:28

Tgt Ion: 112
 Sig Exp Ratio
 112 100
 64 52.7
 63 27.3





#7

Phenol-d6

Concen: 0.00 ng

Expected RT: 6.26 min

Lab File: BF088326.D

Acq: 24 Jun 2016 10:28

Instrument :

BNA_F

ClientSampleId :

SS043MW009-160511DL2

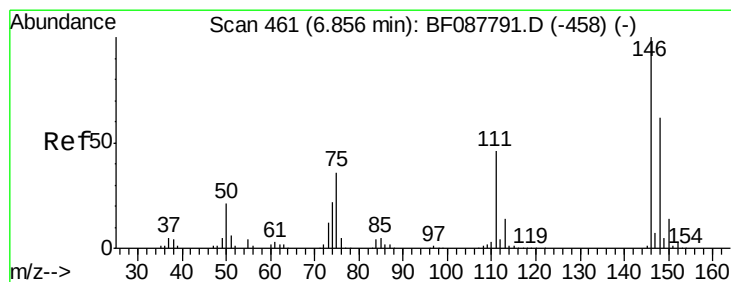
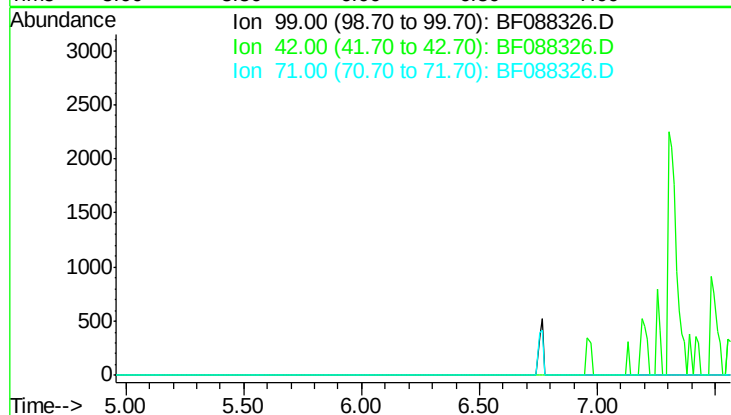
Tgt Ion: 99

Sig Exp Ratio

99 100

42 15.2

71 29.2



#13

1,4-Dichlorobenzene

Concen: 5.19 ng

RT: 6.62 min Scan# 440

Delta R.T. -0.00 min

Lab File: BF088326.D

Acq: 24 Jun 2016 10:28

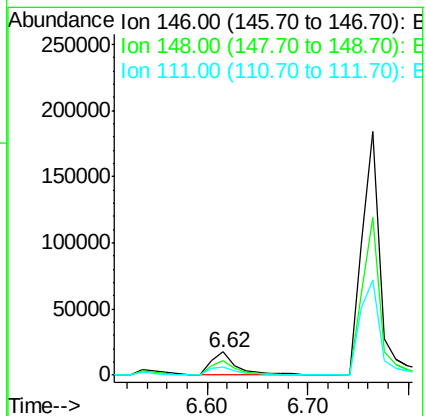
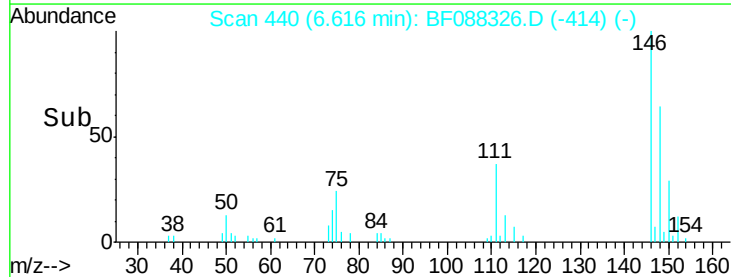
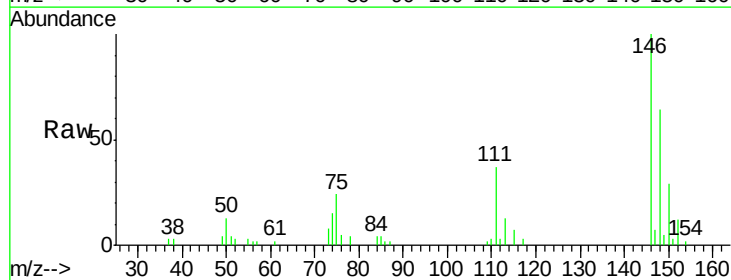
Tgt Ion: 146 Resp: 32676

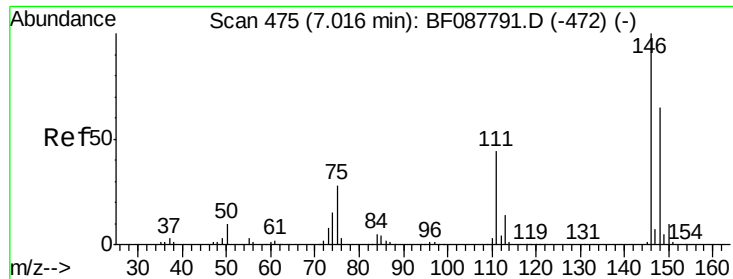
Ion Ratio Lower Upper

146 100

148 64.1 52.0 78.0

111 36.8 33.8 50.8

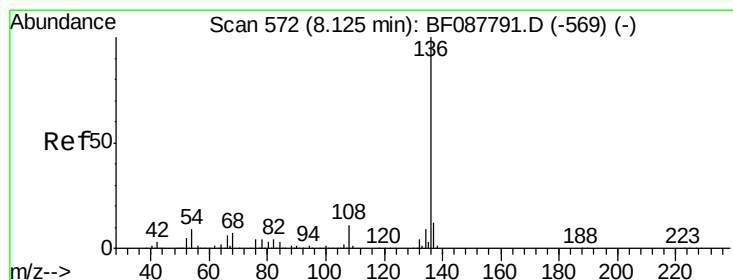
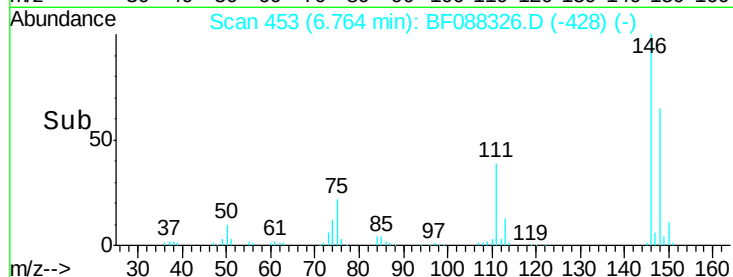
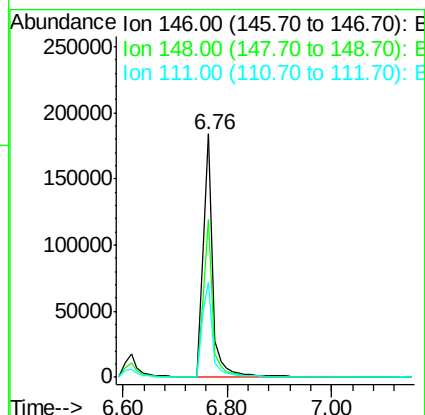
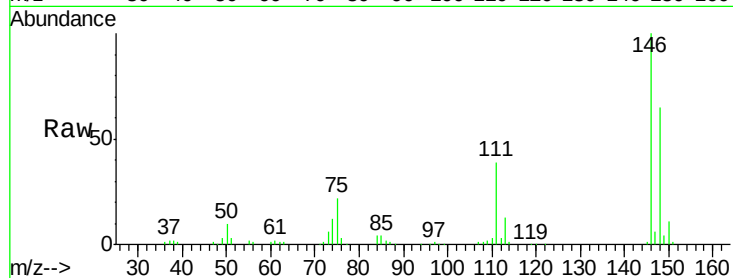




#14
1,2-Dichlorobenzene
Concen: 42.47 ng
RT: 6.76 min Scan# 453
Delta R.T. -0.01 min
Lab File: BF088326.D
Acq: 24 Jun 2016 10:28

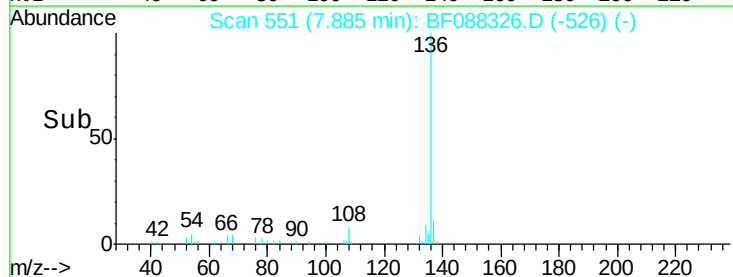
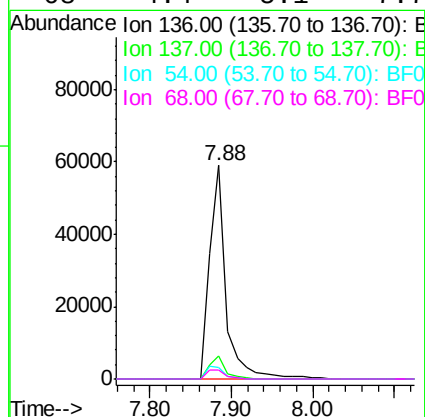
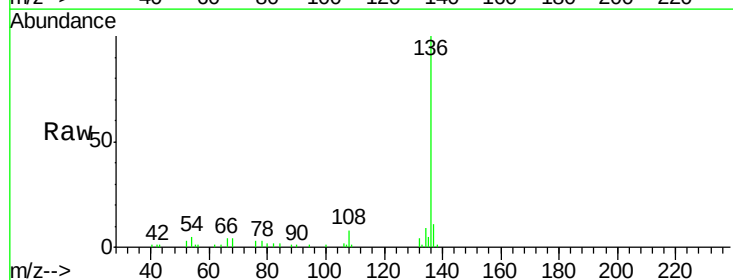
Instrument :
BNA_F
ClientSampleId :
SS043MW009-160511DL2

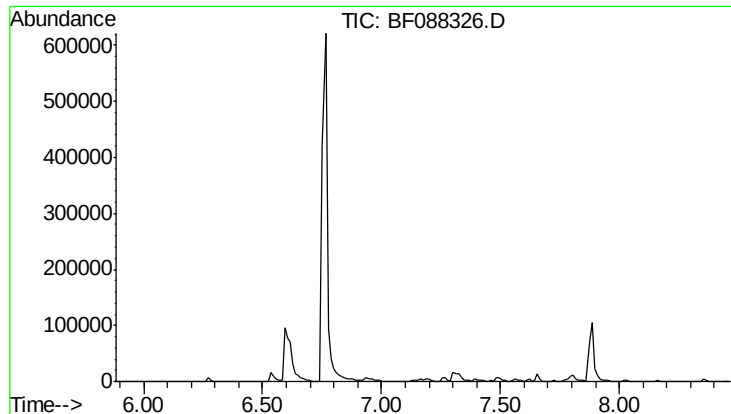
Tgt Ion:146 Resp: 243195
Ion Ratio Lower Upper
146 100
148 64.8 52.3 78.5
111 39.2 28.7 43.1



#21
Naphthalene-d8
Concen: 5.00 ng
RT: 7.88 min Scan# 551
Delta R.T. -0.01 min
Lab File: BF088326.D
Acq: 24 Jun 2016 10:28

Tgt Ion:136 Resp: 84393
Ion Ratio Lower Upper
136 100
137 10.6 9.1 13.7
54 5.3 6.6 10.0#
68 4.4 5.1 7.7#

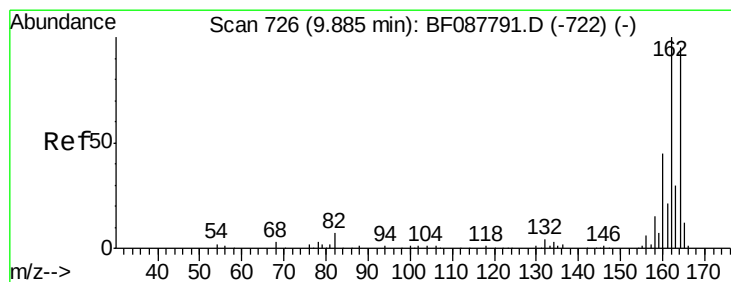
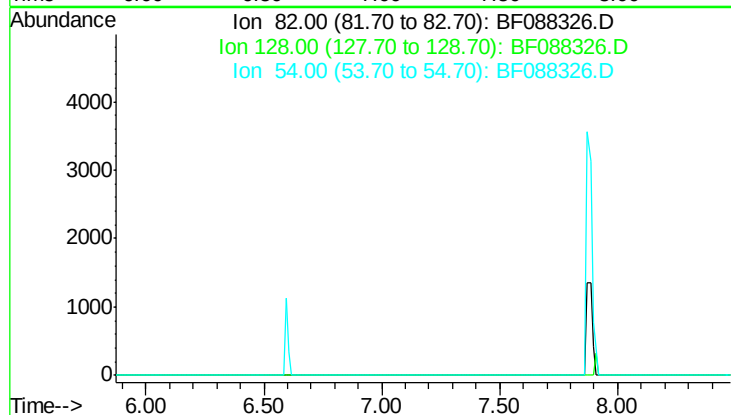




#23
 Nitrobenzene-d5
 Concen: 0.00 ng
 Expected RT: 7.18 min
 Lab File: BF088326.D
 Acq: 24 Jun 2016 10:28

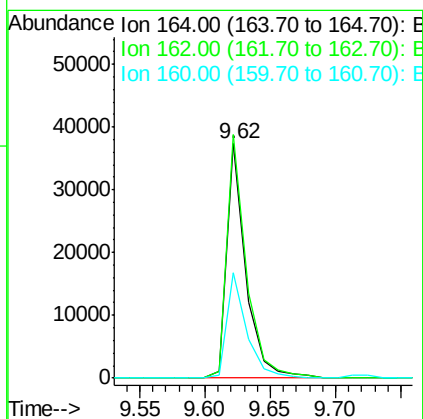
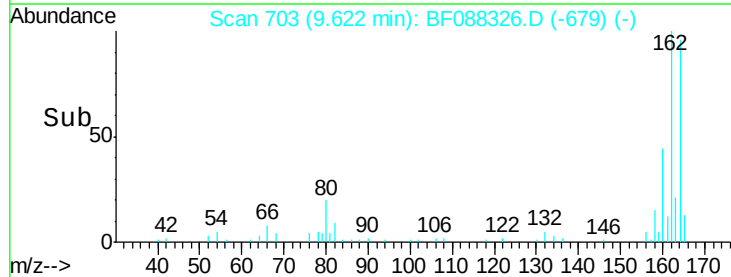
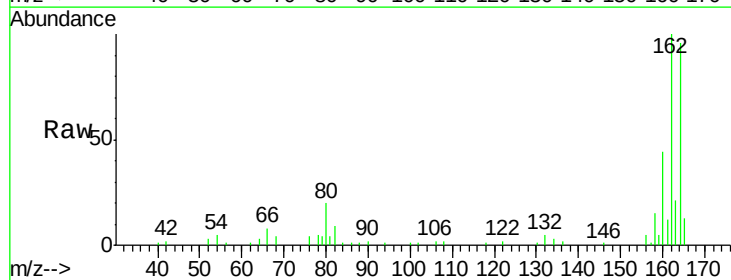
Instrument :
 BNA_F
 ClientSampleId :
 SS043MW009-160511DL2

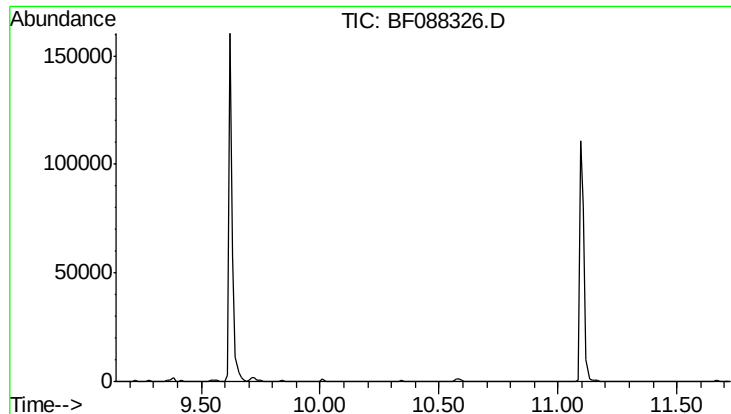
Tgt Ion: 82
 Sig Exp Ratio
 82 100
 128 44.9
 54 51.1



#38
 Acenaphthene-d10
 Concen: 5.00 ng
 RT: 9.62 min Scan# 703
 Delta R.T. -0.02 min
 Lab File: BF088326.D
 Acq: 24 Jun 2016 10:28

Tgt Ion:164 Resp: 37956
 Ion Ratio Lower Upper
 164 100
 162 103.8 85.4 128.2
 160 45.2 39.5 59.3

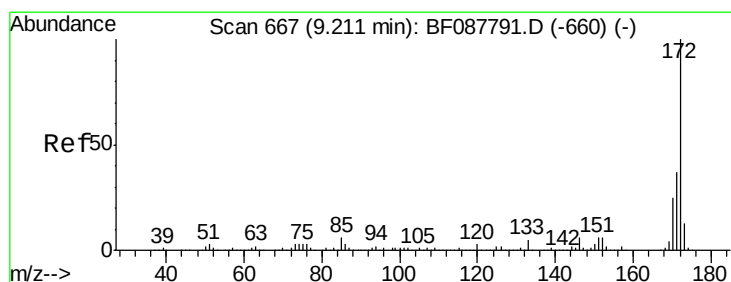
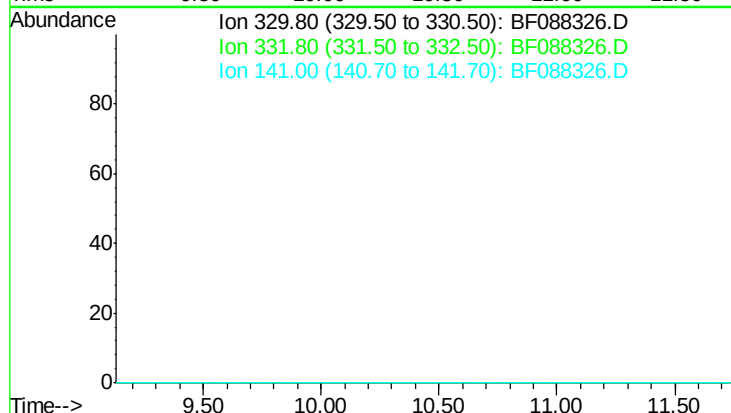




#41
 2,4,6-Tribromophenol
 Concen: 0.00 ng
 Expected RT: 10.43 min
 Lab File: BF088326.D
 Acq: 24 Jun 2016 10:28

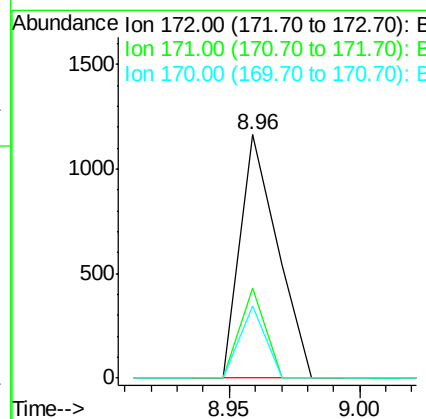
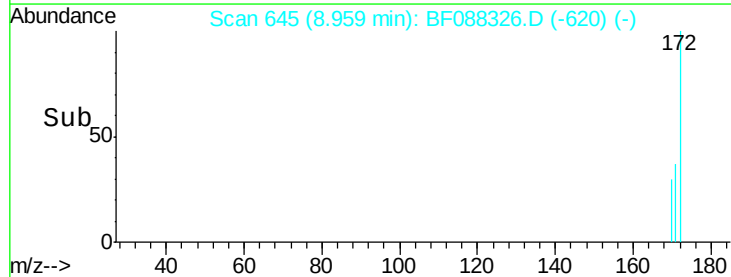
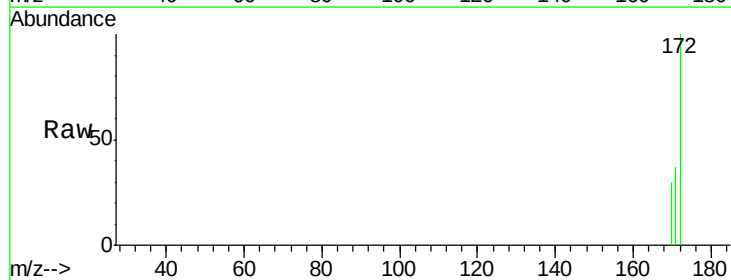
Instrument :
 BNA_F
 ClientSampleId :
 SS043MW009-160511DL2

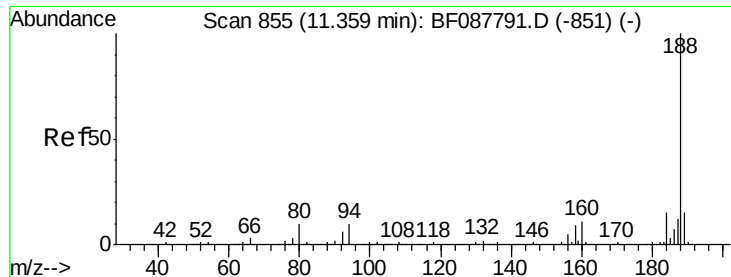
Tgt Ion: 330
 Sig Exp Ratio
 330 100
 332 0.0
 141 0.0



#44
 2-Fluorobiphenyl
 Concen: -1.35 ng
 RT: 8.96 min Scan# 645
 Delta R.T. -0.01 min
 Lab File: BF088326.D
 Acq: 24 Jun 2016 10:28

Tgt Ion: 172 Resp: 1171
 Ion Ratio Lower Upper
 172 100
 171 37.2 28.6 43.0
 170 29.6 19.2 28.8#

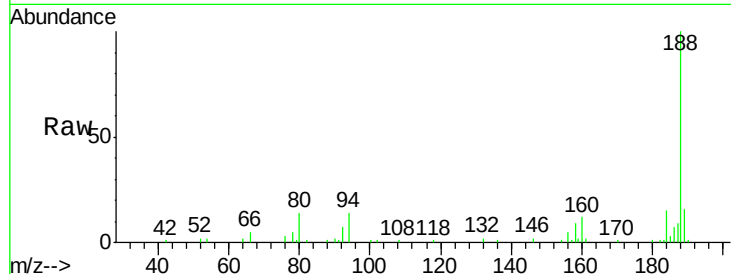




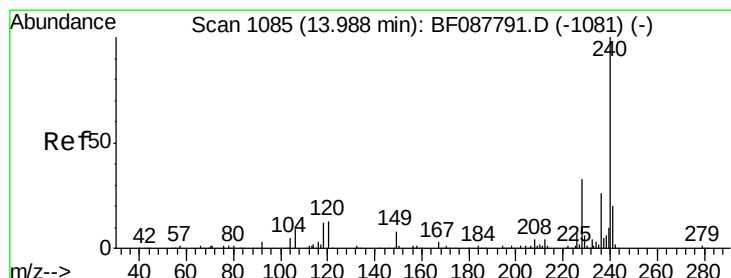
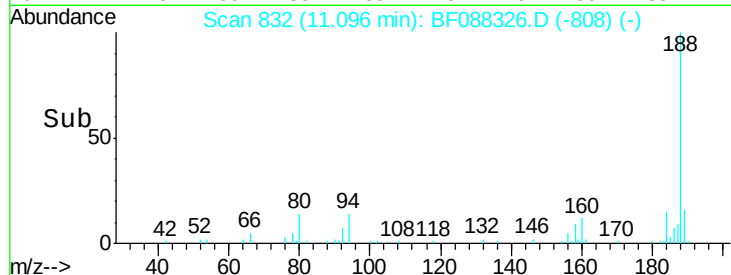
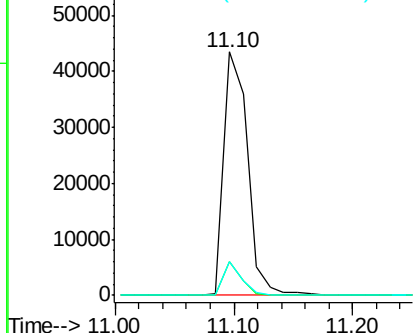
#63
Phenanthrene-d10
Concen: 5.00 ng
RT: 11.10 min Scan# 832
Delta R.T. -0.02 min
Lab File: BF088326.D
Acq: 24 Jun 2016 10:28

Instrument :
BNA_F
ClientSampleId :
SS043MW009-160511DL2

Tgt Ion:188 Resp: 60128
Ion Ratio Lower Upper
188 100
94 13.7 9.0 13.6#
80 13.8 10.0 15.0

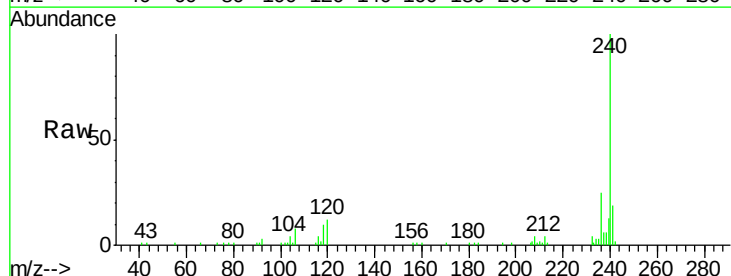


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BF0
Ion 80.00 (79.70 to 80.70): BF0

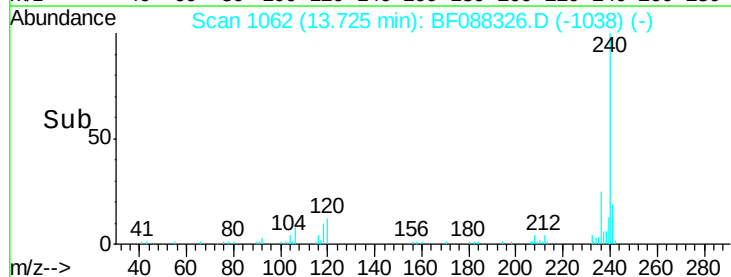
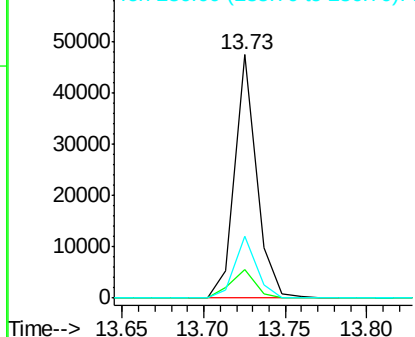


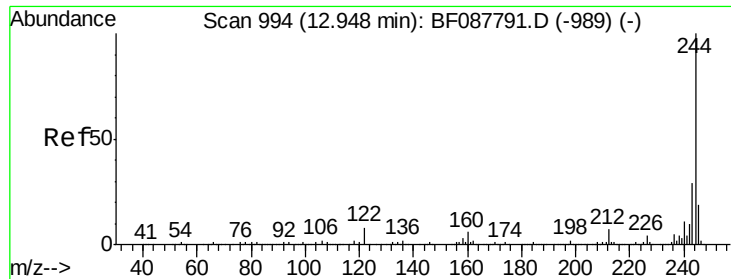
#75
Chrysene-d12
Concen: 5.00 ng
RT: 13.73 min Scan# 1062
Delta R.T. -0.02 min
Lab File: BF088326.D
Acq: 24 Jun 2016 10:28

Tgt Ion:240 Resp: 43696
Ion Ratio Lower Upper
240 100
120 11.9 6.8 10.2#
236 25.2 20.2 30.2



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

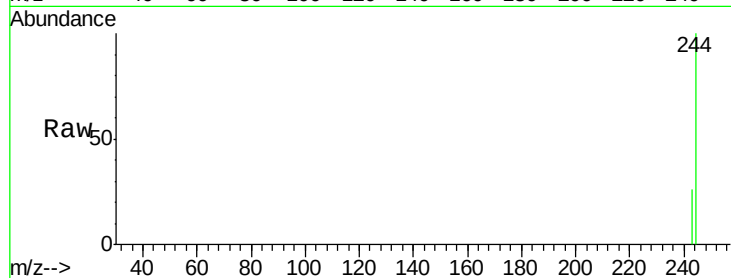




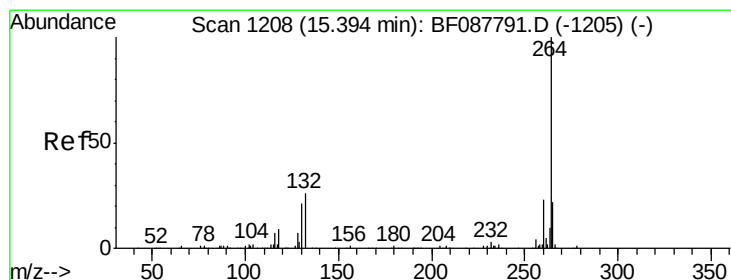
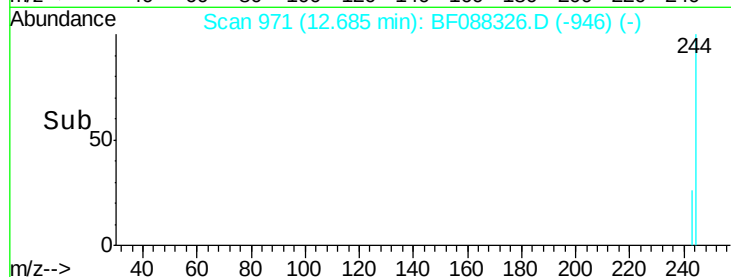
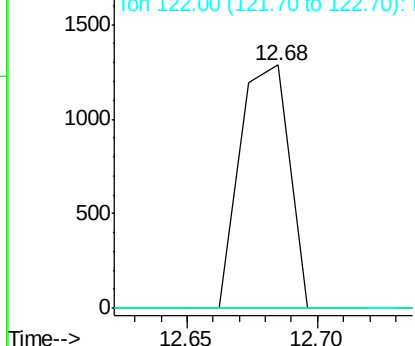
#78
 Terphenyl-d14
 Concen: 0.22 ng
 RT: 12.68 min Scan# 971
 Delta R.T. -0.01 min
 Lab File: BF088326.D
 Acq: 24 Jun 2016 10:28

Instrument :
 BNA_F
 ClientSampleId :
 SS043MW009-160511DL2

Tgt Ion:244 Resp: 1699
 Ion Ratio Lower Upper
 244 100
 212 0.0 6.0 9.0#
 122 0.0 11.2 16.8#

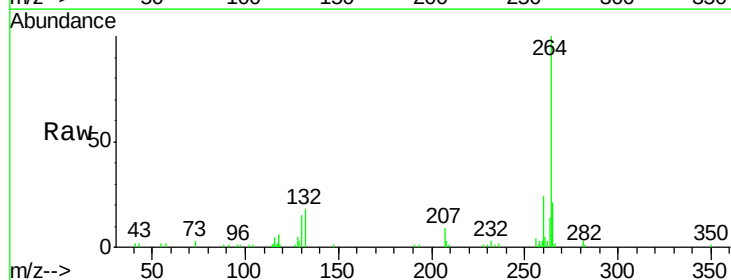


Abundance Ion 244.00 (243.70 to 244.70): E
 Ion 212.00 (211.70 to 212.70): E
 Ion 122.00 (121.70 to 122.70): E



#86
 Perylene-d12
 Concen: 5.00 ng
 RT: 15.09 min Scan# 1181
 Delta R.T. -0.02 min
 Lab File: BF088326.D
 Acq: 24 Jun 2016 10:28

Tgt Ion:264 Resp: 39736
 Ion Ratio Lower Upper
 264 100
 260 24.0 19.2 28.8
 265 21.1 16.9 25.3



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

