

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
 Data File : BF082968.D
 Acq On : 17 Nov 2015 11:57
 Operator : UM/IZ
 Sample : G4403-01DL 5X
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS1122015DL

Quant Time: Nov 17 12:33:07 2015
 Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Nov 17 04:41:30 2015
 Response via : Initial Calibration

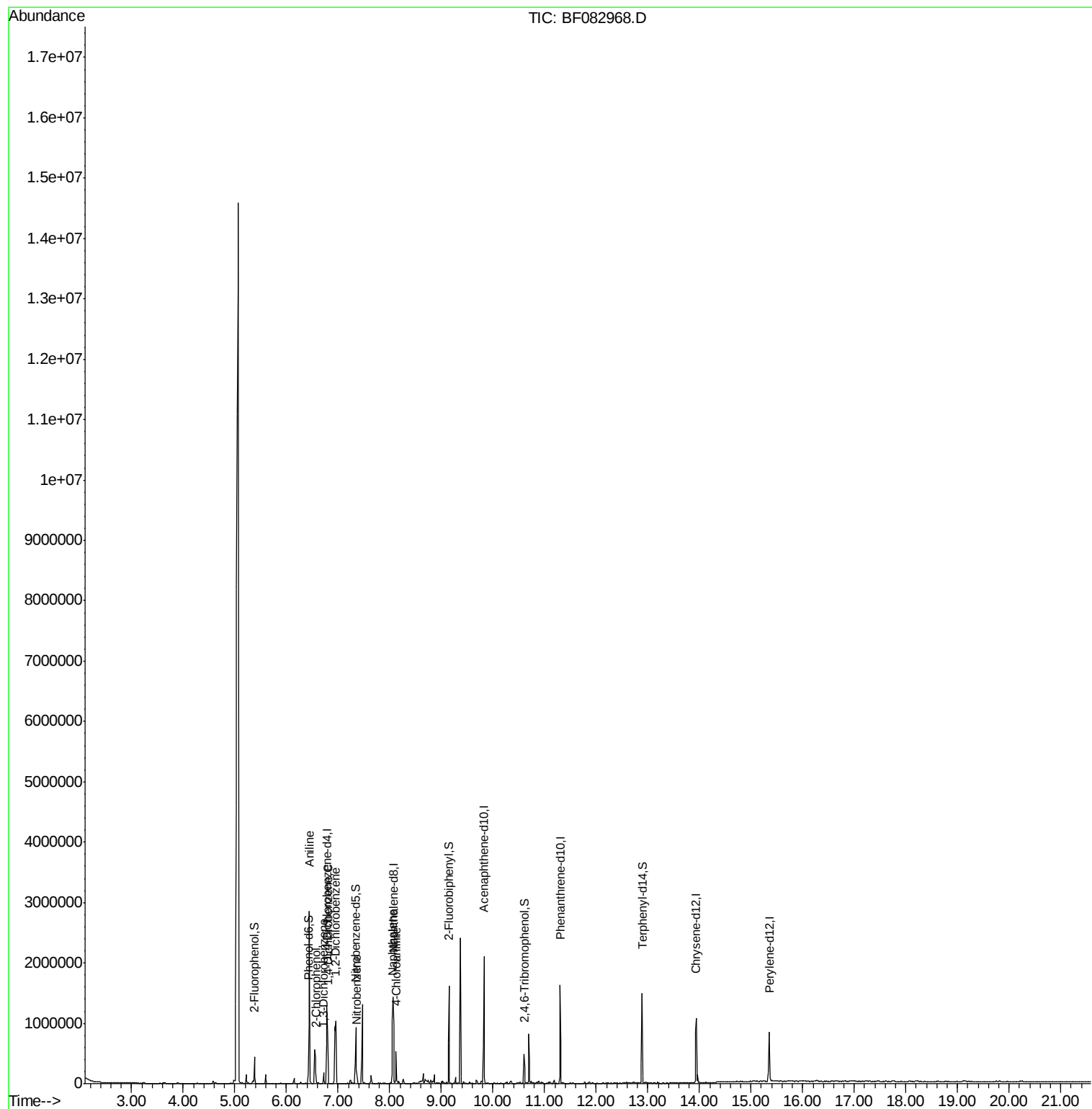
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	6.78	152	218707	20.00	ng	-0.07
21) Naphthalene-d8	8.06	136	773538	20.00	ng	-0.08
38) Acenaphthene-d10	9.82	164	418715	20.00	ng	-0.07
63) Phenanthrene-d10	11.30	188	671613	20.00	ng	-0.08
75) Chrysene-d12	13.94	240	521971	20.00	ng	-0.08
86) Perylene-d12	15.36	264	464889	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	5.38	112	111036	7.90	ng	-0.07
7) Phenol-d6	6.43	99	84176	4.50	ng	-0.06
23) Nitrobenzene-d5	7.34	82	319398	17.97	ng	-0.07
41) 2,4,6-Tribromophenol	10.61	330	63713	13.27	ng	-0.07
44) 2-Fluorobiphenyl	9.15	172	555809	19.02	ng	-0.07
78) Terphenyl-d14	12.89	244	450092	20.45	ng	-0.08
Target Compounds						Qvalue
6) Aniline	6.44	93	961278	36.64	ng	99
8) 2-Chlorophenol	6.57	128	39533	2.54	ng	95
12) 1,3-Dichlorobenzene	6.72	146	36109	2.05	ng	# 93
13) 1,4-Dichlorobenzene	6.80	146	182722	9.99	ng	96
14) 1,2-Dichlorobenzene	6.96	146	270019	16.24	ng	97
24) Nitrobenzene	7.36	77	84207	4.63	ng	# 84
31) Naphthalene	8.05	128	248643	5.83	ng	# 77
33) 4-Chloroaniline	8.12	127	132482	7.20	ng	# 88

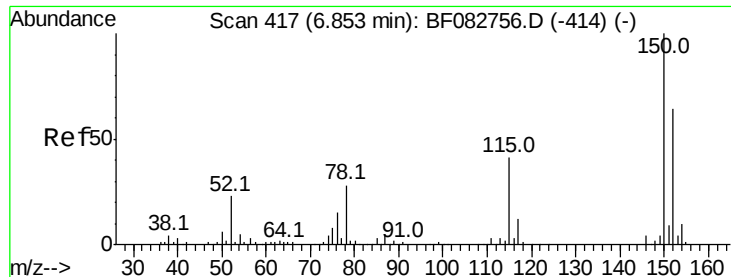
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA F\DATA\BF111615\
Data File : BF082968.D
Acq On : 17 Nov 2015 11:57
Operator : UM/IZ
Sample : G4403-01DL 5X
Misc :
ALS Vial : 27 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampleId :
SYSDIS1122015DL

Quant Time: Nov 17 12:33:07 2015
Quant Method : Z:\HPCHEM1\BNA F\METHODS\8270-BF110715.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Tue Nov 17 04:41:30 2015
Response via : Initial Calibration





#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 6.78 min Scan# 411

Delta R.T. -0.07 min

Lab File: BF082968.D

Acq: 17 Nov 2015 11:57

Instrument :

BNA_F

ClientSampleId :

SYSDIS1122015DL

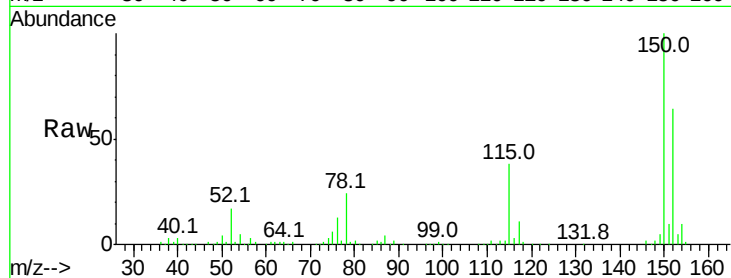
Tot Ion:152 Resp: 218707

Ion Ratio Lower Upper

152 100

150 156.1 127.0 190.4

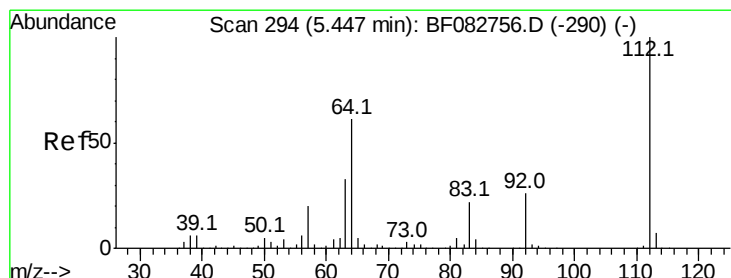
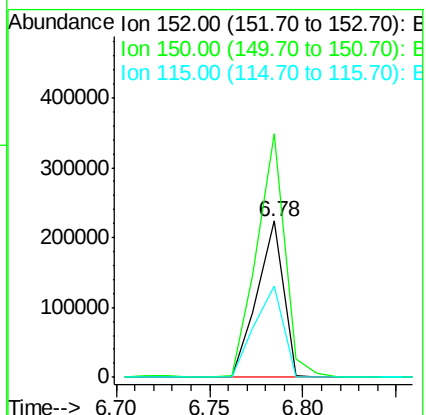
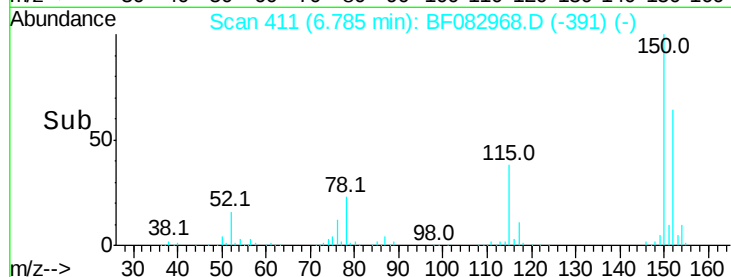
115 58.6 47.0 70.6



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: 7.90 ng

RT: 5.38 min Scan# 288

Delta R.T. -0.07 min

Lab File: BF082968.D

Acq: 17 Nov 2015 11:57

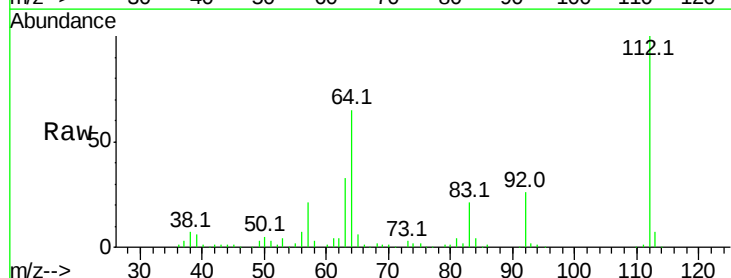
Tgt Ion:112 Resp: 111036

Ion Ratio Lower Upper

112 100

64 65.0 48.9 73.3

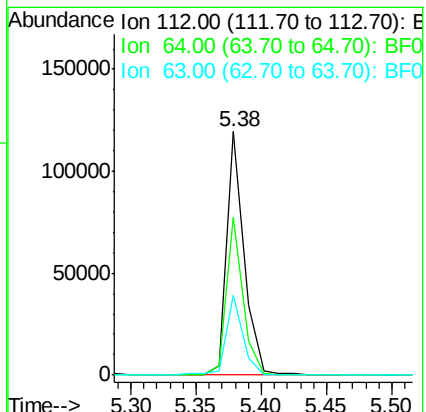
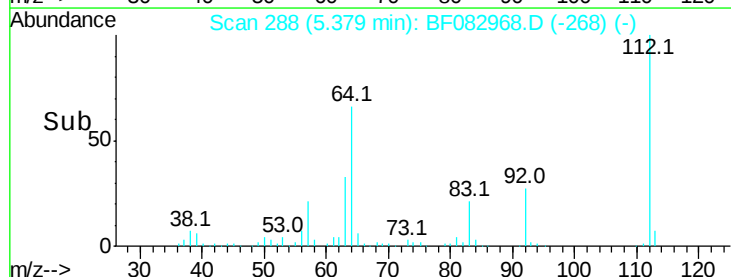
63 32.8 28.1 42.1

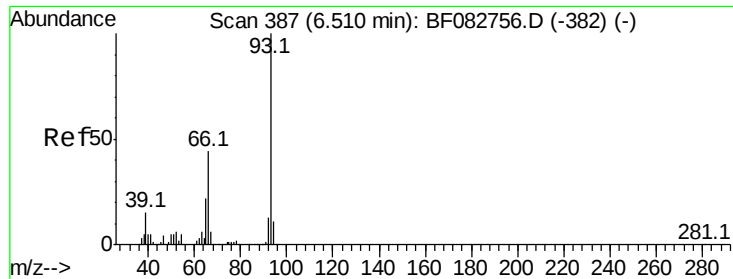


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BF0

Ion 63.00 (62.70 to 63.70): BF0





#6

Aniline

Concen: 36.64 ng

RT: 6.44 min Scan# 381

Delta R.T. -0.07 min

Lab File: BF082968.D

Acq: 17 Nov 2015 11:57

Instrument :

BNA_F

ClientSampleId :

SYSDIS1122015DL

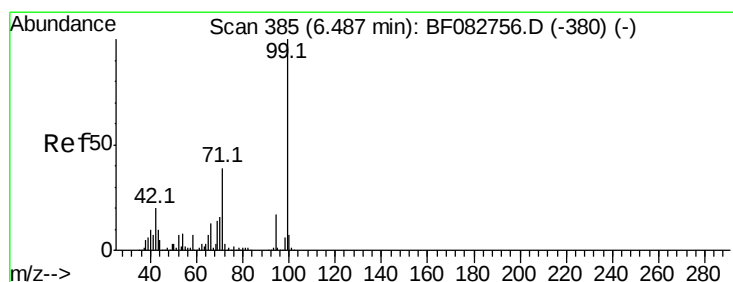
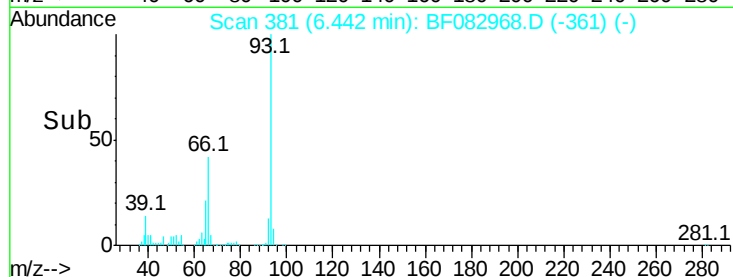
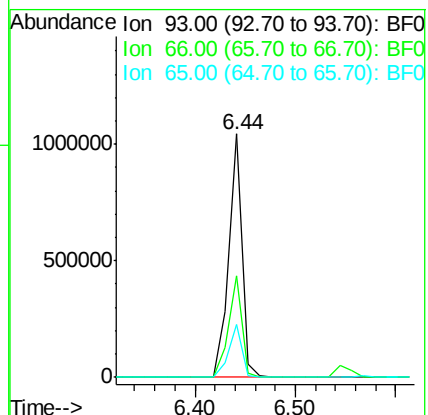
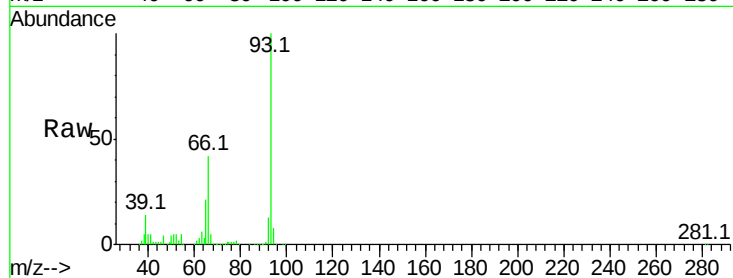
Tot Ion: 93 Resp: 961278

Ion Ratio Lower Upper

93 100

66 41.9 33.6 50.4

65 21.5 18.1 27.1



#7

Phenol-d6

Concen: 4.50 ng

RT: 6.43 min Scan# 380

Delta R.T. -0.06 min

Lab File: BF082968.D

Acq: 17 Nov 2015 11:57

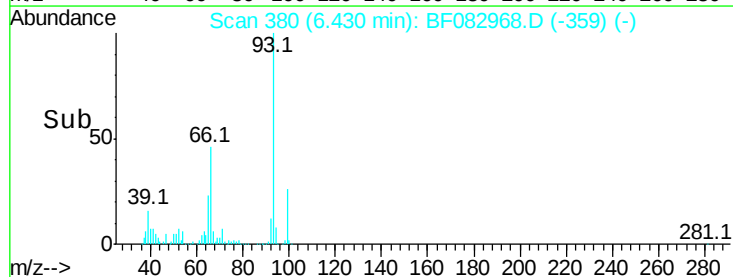
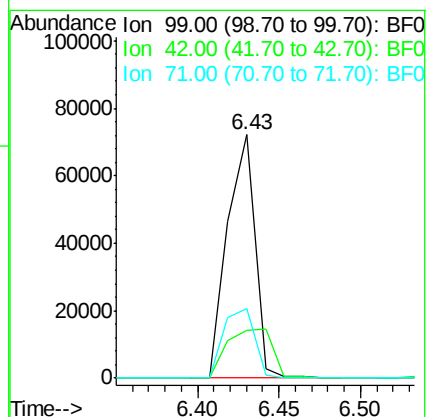
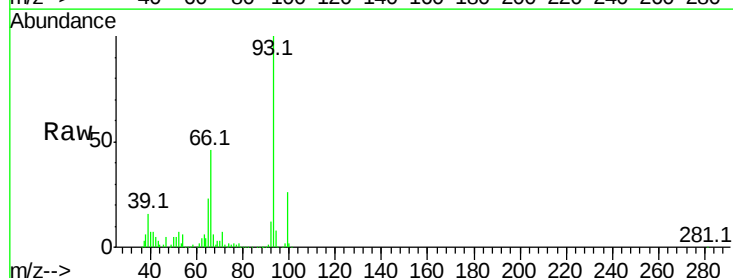
Tgt Ion: 99 Resp: 84176

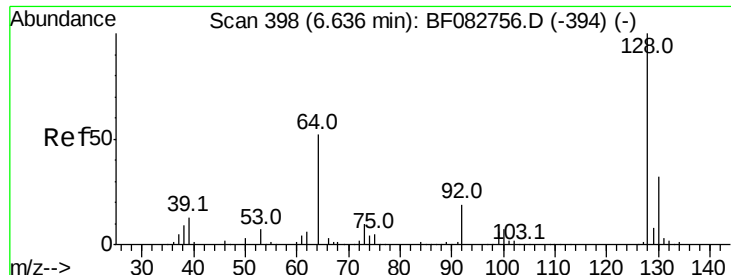
Ion Ratio Lower Upper

99 100

42 19.4 19.2 28.8

71 28.3 35.0 52.4#





#8

2-Chlorophenol

Concen: 2.54 ng

RT: 6.57 min Scan# 392

Delta R.T. -0.07 min

Lab File: BF082968.D

Acq: 17 Nov 2015 11:57

Instrument :

BNA_F

ClientSampleId :

SYSDIS1122015DL

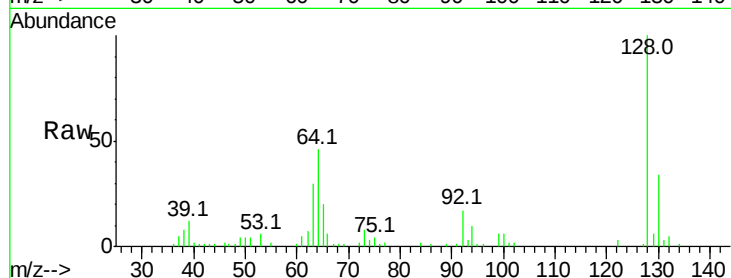
Tot Ion:128 Resp: 39533

Ion Ratio Lower Upper

128 100

130 34.0 13.5 53.5

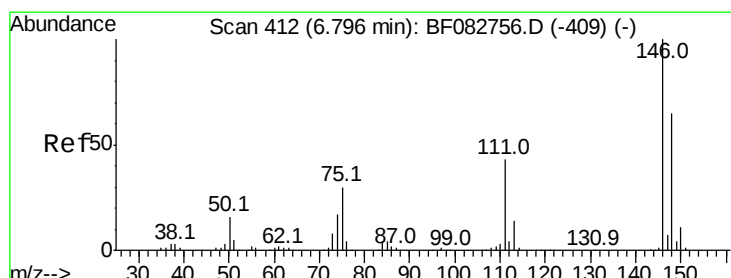
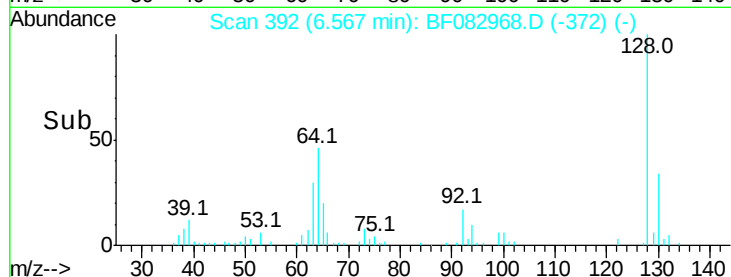
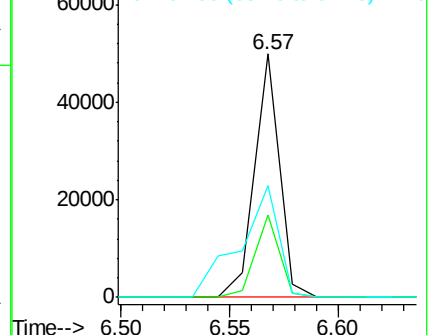
64 46.1 21.1 61.1



Abundance Ion 128.00 (127.70 to 128.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 64.00 (63.70 to 64.70): BF0



#12

1,3-Dichlorobenzene

Concen: 2.05 ng

RT: 6.72 min Scan# 405

Delta R.T. -0.08 min

Lab File: BF082968.D

Acq: 17 Nov 2015 11:57

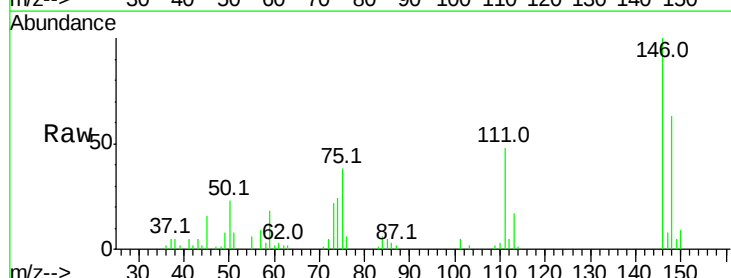
Tgt Ion:146 Resp: 36109

Ion Ratio Lower Upper

146 100

148 63.1 50.5 75.7

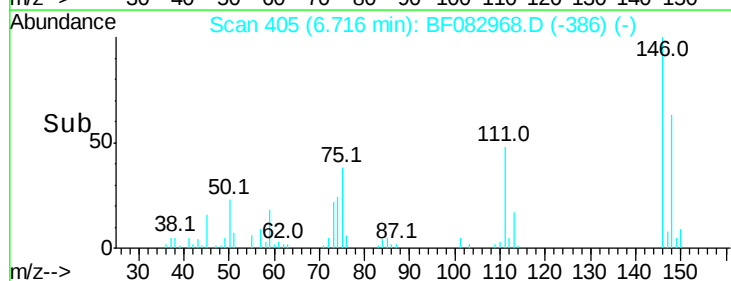
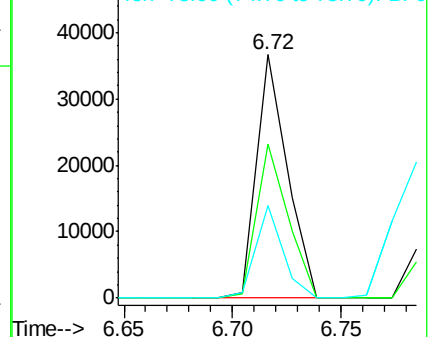
75 38.0 39.5 59.3#

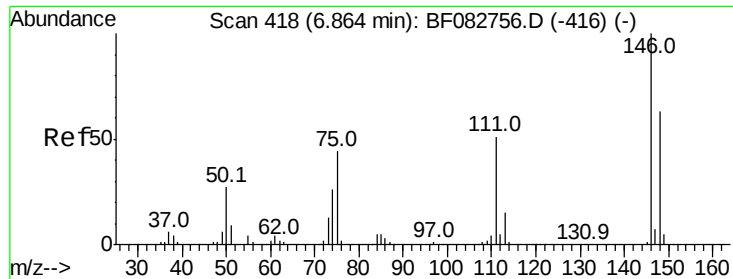


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 75.00 (74.70 to 75.70): BF0

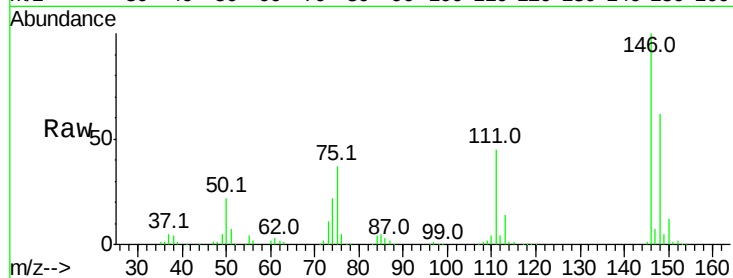




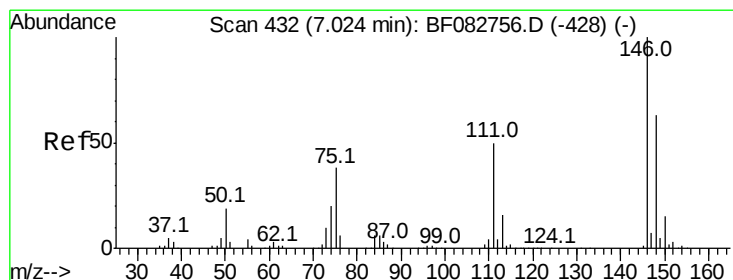
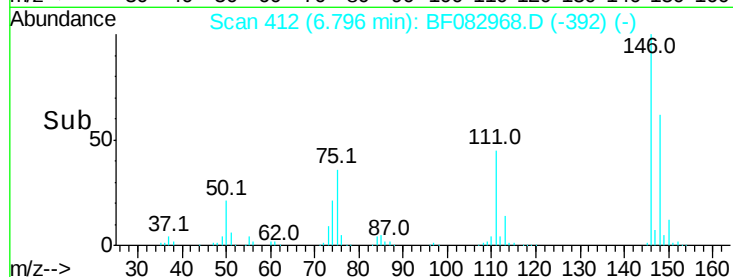
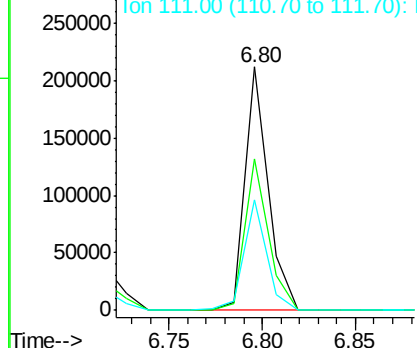
#13
 1,4-Dichlorobenzene
 Concen: 9.99 ng
 RT: 6.80 min Scan# 412
 Delta R.T. -0.07 min
 Lab File: BF082968.D
 Acq: 17 Nov 2015 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS1122015DL

Tot Ion:146 Resp: 182722
 Ion Ratio Lower Upper
 146 100
 148 62.1 50.8 76.2
 111 45.4 40.6 60.8

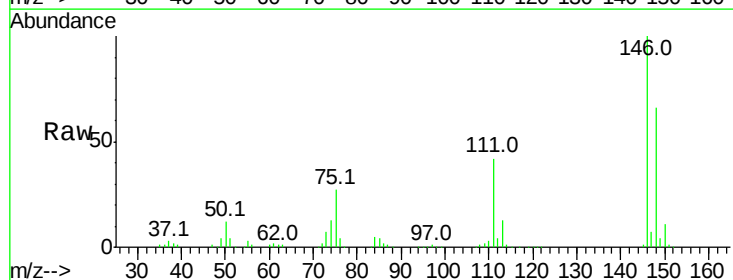


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

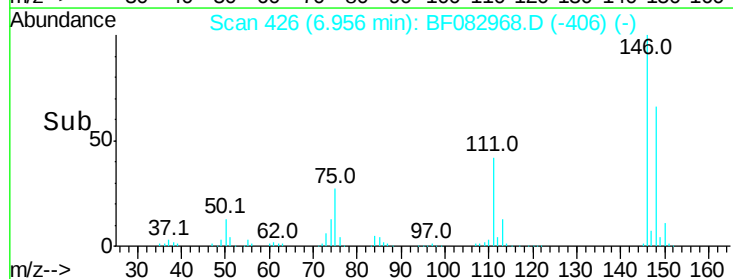
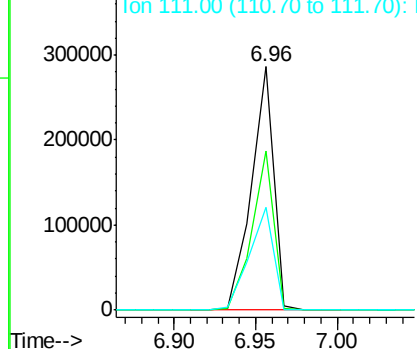


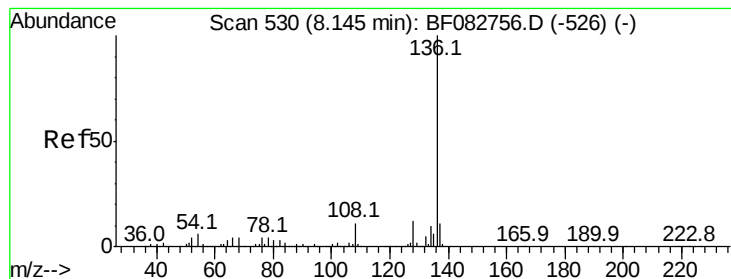
#14
 1,2-Dichlorobenzene
 Concen: 16.24 ng
 RT: 6.96 min Scan# 426
 Delta R.T. -0.07 min
 Lab File: BF082968.D
 Acq: 17 Nov 2015 11:57

Tgt Ion:146 Resp: 270019
 Ion Ratio Lower Upper
 146 100
 148 65.6 52.2 78.4
 111 42.0 36.6 55.0



Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E





#21

Naphthalene-d8

Concen: 20.00 ng

RT: 8.06 min Scan# 523

Delta R.T. -0.08 min

Lab File: BF082968.D

Acq: 17 Nov 2015 11:57

Instrument :

BNA_F

ClientSampleId :

SYSDIS1122015DL

Tot Ion:136 Resp: 773538

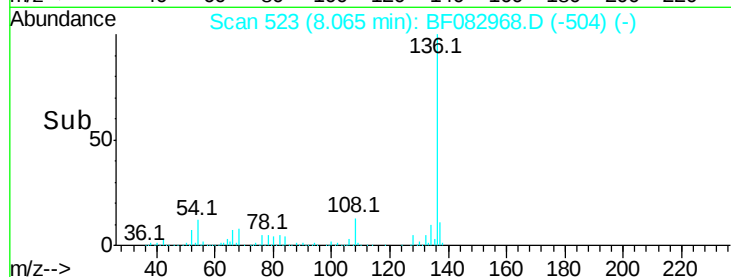
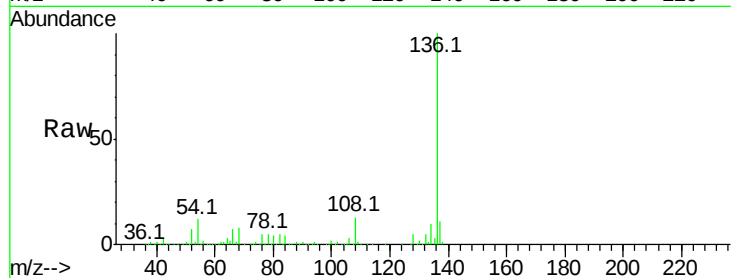
Ion Ratio Lower Upper

136 100

137 11.3 9.1 13.7

54 12.1 9.1 13.7

68 8.0 4.8 7.2#

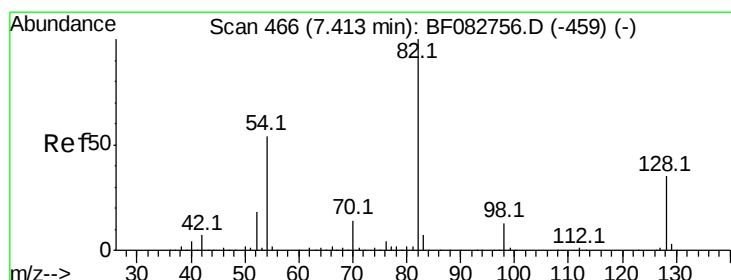
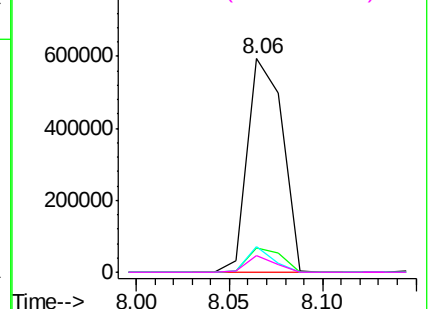


Abundance Ion 136.00 (135.70 to 136.70): E

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: 17.97 ng

RT: 7.34 min Scan# 460

Delta R.T. -0.07 min

Lab File: BF082968.D

Acq: 17 Nov 2015 11:57

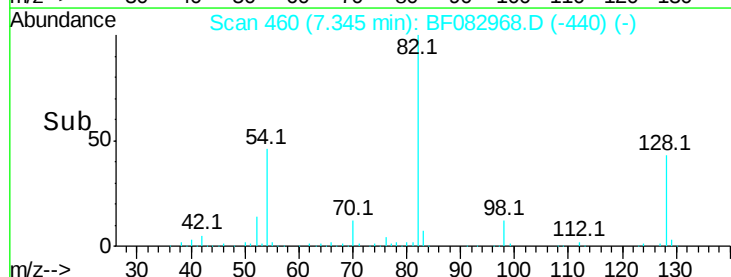
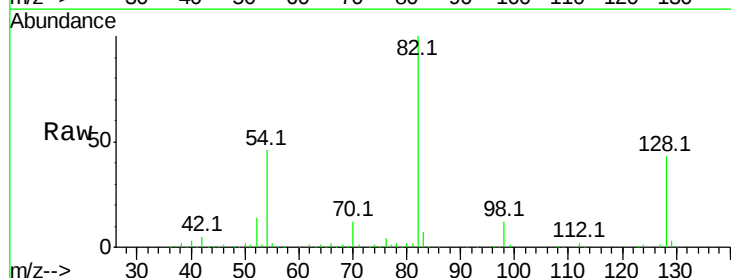
Tgt Ion: 82 Resp: 319398

Ion Ratio Lower Upper

82 100

128 42.9 26.8 40.2#

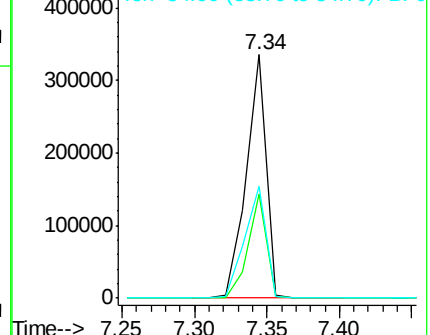
54 46.1 45.7 68.5

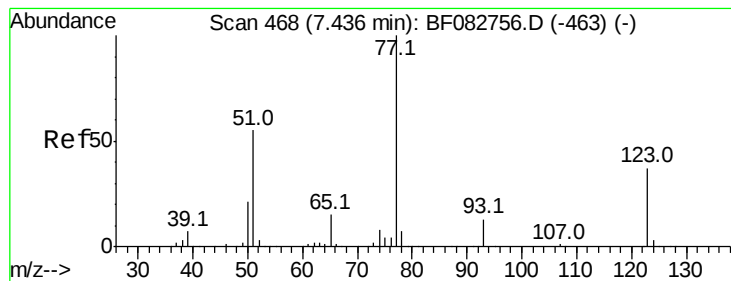


Abundance Ion 82.00 (81.70 to 82.70): BF0

Ion 128.00 (127.70 to 128.70): E

Ion 54.00 (53.70 to 54.70): BF0





#24

Nitrobenzene

Concen: 4.63 ng

RT: 7.36 min Scan# 461

Delta R.T. -0.08 min

Lab File: BF082968.D

Acq: 17 Nov 2015 11:57

Instrument :

BNA_F

ClientSampleId :

SYSDIS1122015DL

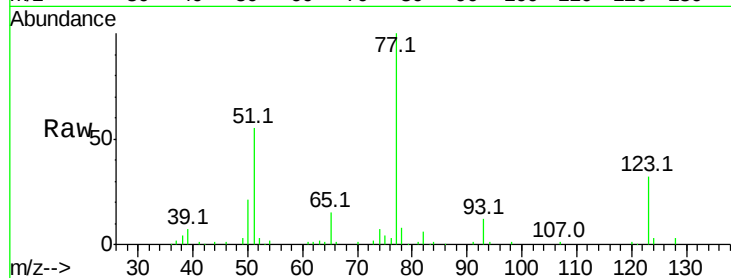
Tot Ion: 77 Resp: 84207

Ion Ratio Lower Upper

77 100

123 31.5 36.4 54.6#

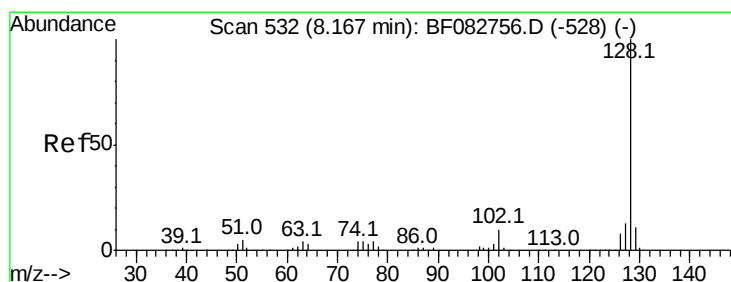
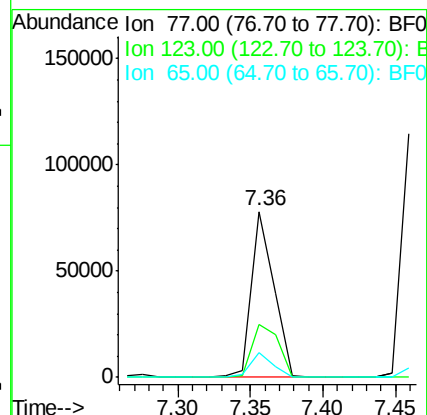
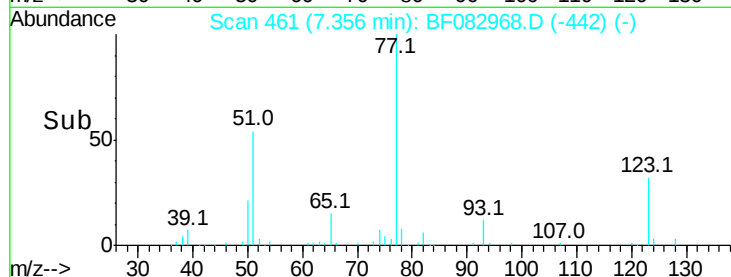
65 14.9 11.5 17.3



Abundance Ion 77.00 (76.70 to 77.70): BF0

Ion 123.00 (122.70 to 123.70): E

Ion 65.00 (64.70 to 65.70): BF0



#31

Naphthalene

Concen: 5.83 ng

RT: 8.05 min Scan# 522

Delta R.T. -0.11 min

Lab File: BF082968.D

Acq: 17 Nov 2015 11:57

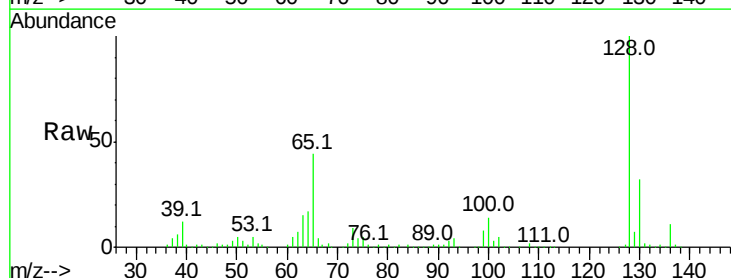
Tgt Ion:128 Resp: 248643

Ion Ratio Lower Upper

128 100

129 6.9 9.5 14.3#

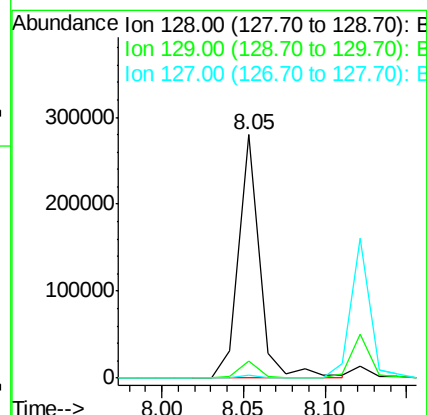
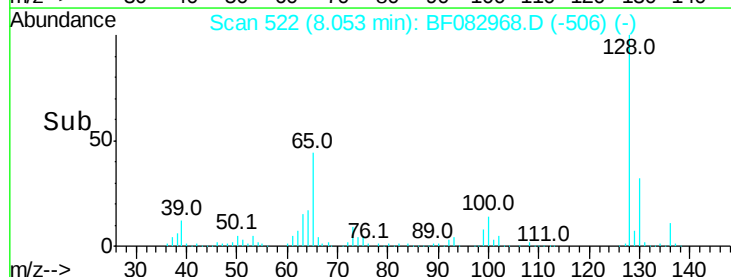
127 1.2 11.4 17.0#

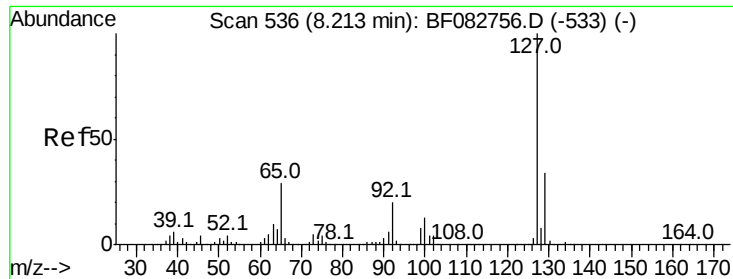


Abundance Ion 128.00 (127.70 to 128.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 127.00 (126.70 to 127.70): E

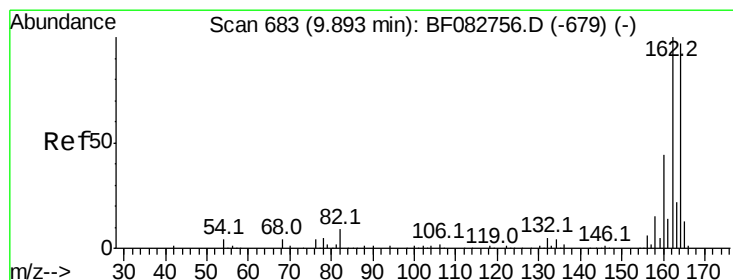
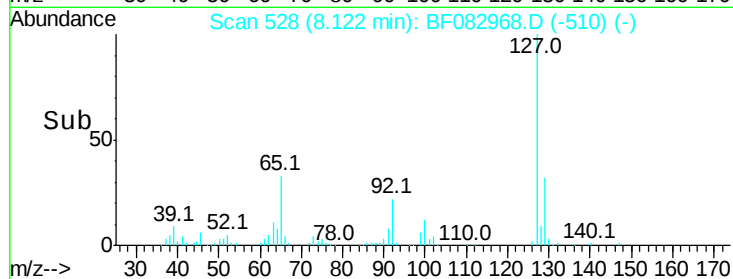
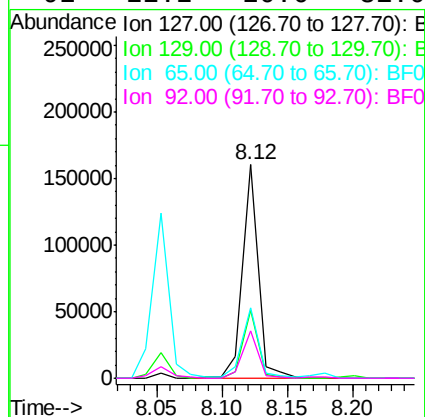
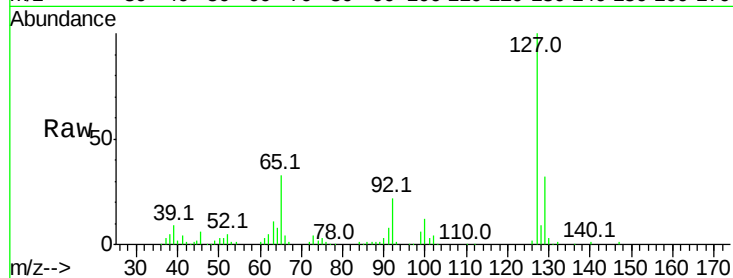




#33
4-Chloroaniline
Concen: 7.20 ng
RT: 8.12 min Scan# 528
Delta R.T. -0.09 min
Lab File: BF082968.D
Acq: 17 Nov 2015 11:57

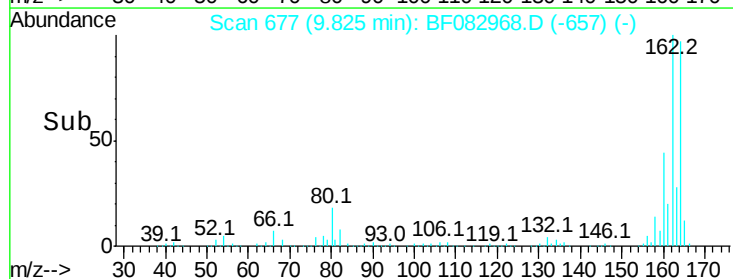
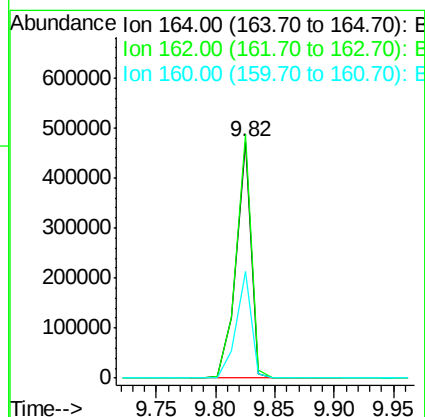
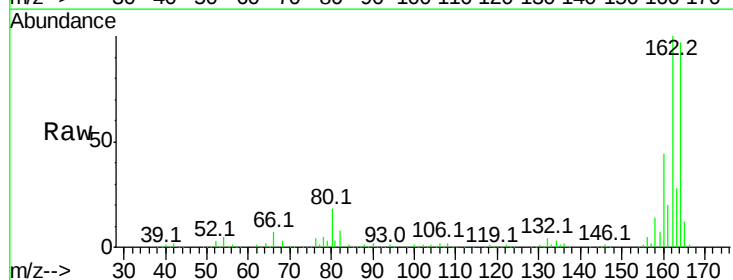
Instrument :
BNA_F
ClientSampleId :
SYSDIS1122015DL

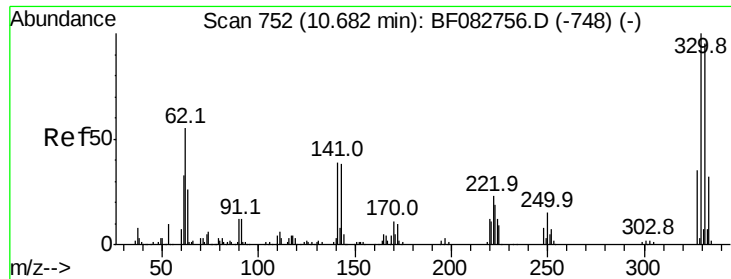
Tot Ion:	127	Resp:	132482
Ion	Ratio	Lower	Upper
127	100		
129	32.0	26.3	39.5
65	33.0	37.8	56.8#
92	22.2	20.6	31.0



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 9.82 min Scan# 677
Delta R.T. -0.07 min
Lab File: BF082968.D
Acq: 17 Nov 2015 11:57

Tgt Ion:	164	Resp:	418715
Ion	Ratio	Lower	Upper
164	100		
162	103.0	84.9	127.3
160	45.1	37.5	56.3

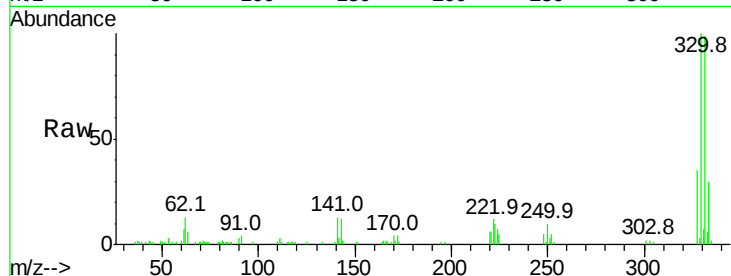




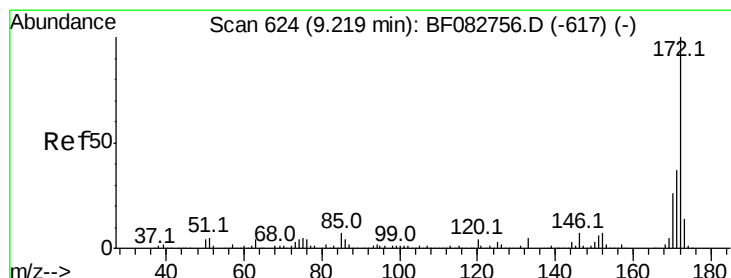
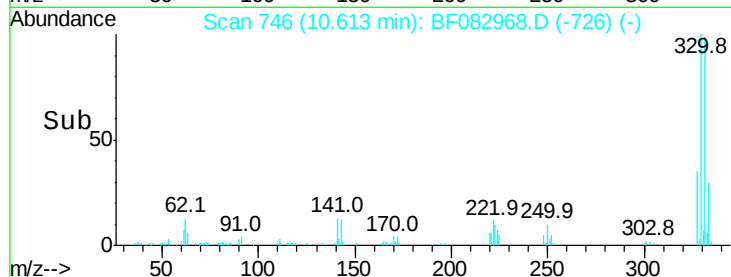
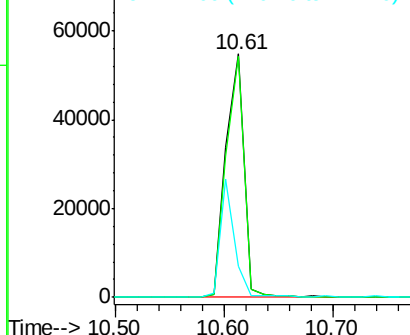
#41
 2,4,6-Tribromophenol
 Concen: 13.27 ng
 RT: 10.61 min Scan# 746
 Delta R.T. -0.07 min
 Lab File: BF082968.D
 Acq: 17 Nov 2015 11:57

Instrument :
 BNA_F
 ClientSampleId :
 SYSDIS1122015DL

Tot Ion:330 Resp: 63713
 Ion Ratio Lower Upper
 330 100
 332 97.2 76.6 114.8
 141 39.2 41.2 61.8#

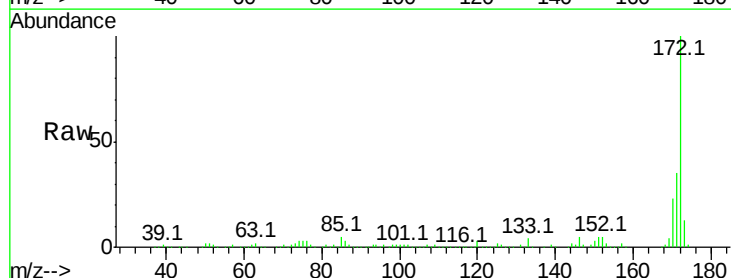


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

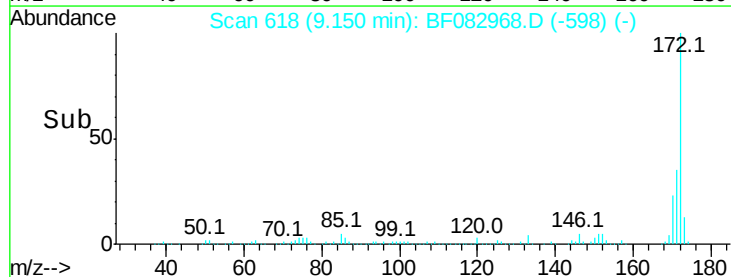
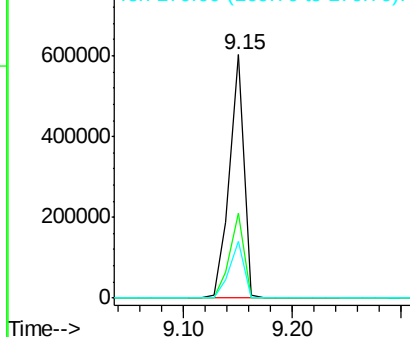


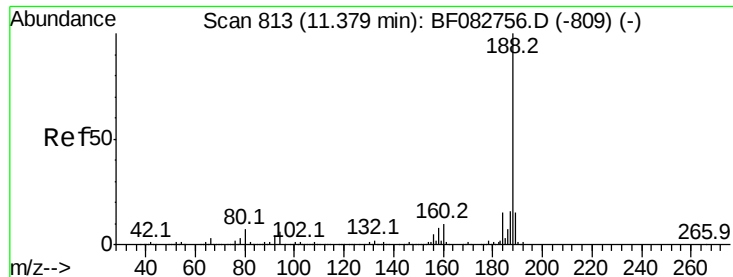
#44
 2-Fluorobiphenyl
 Concen: 19.02 ng
 RT: 9.15 min Scan# 618
 Delta R.T. -0.07 min
 Lab File: BF082968.D
 Acq: 17 Nov 2015 11:57

Tgt Ion:172 Resp: 555809
 Ion Ratio Lower Upper
 172 100
 171 34.8 30.8 46.2
 170 23.4 21.2 31.8



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

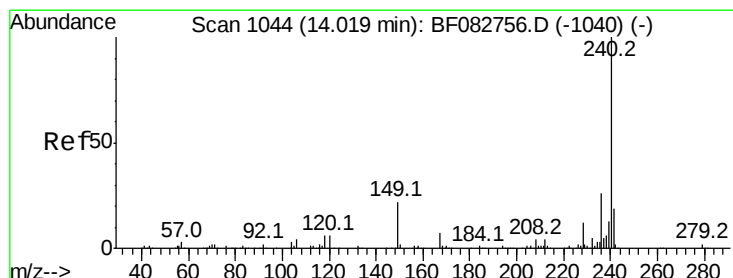
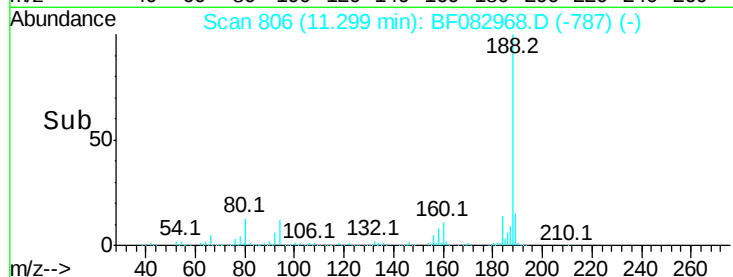
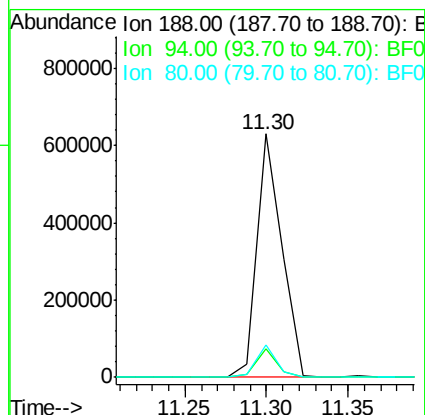
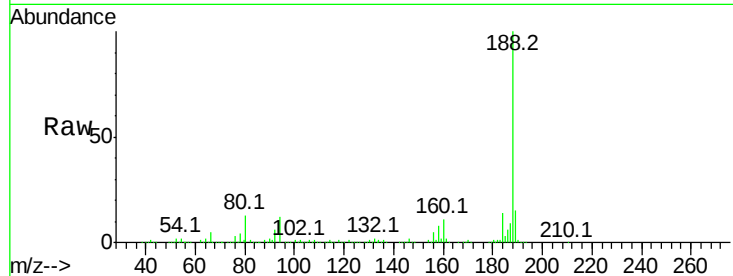




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 11.30 min Scan# 806
Delta R.T. -0.08 min
Lab File: BF082968.D
Acq: 17 Nov 2015 11:57

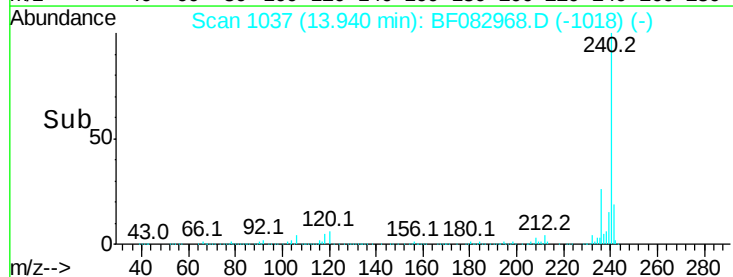
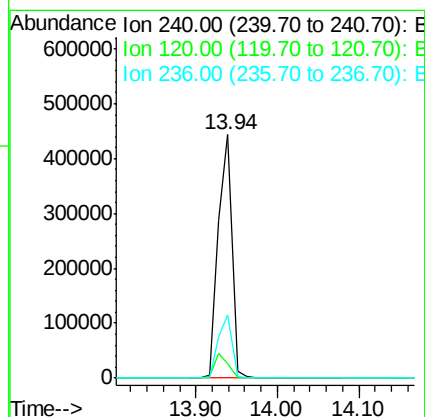
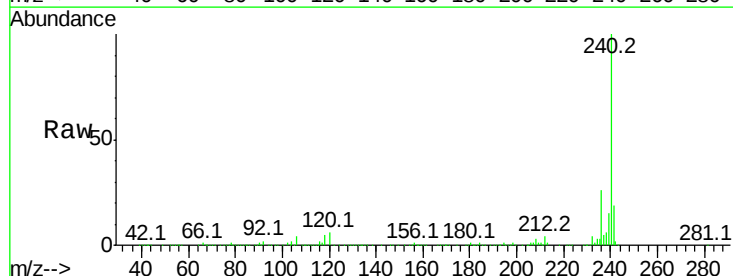
Instrument :
BNA_F
ClientSampleId :
SYSDIS1122015DL

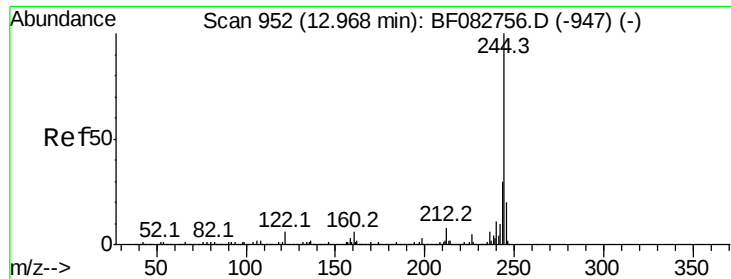
Tot Ion:188 Resp: 671613
Ion Ratio Lower Upper
188 100
94 11.6 6.1 9.1#
80 13.4 7.0 10.6#



#75
Chrysene-d12
Concen: 20.00 ng
RT: 13.94 min Scan# 1037
Delta R.T. -0.08 min
Lab File: BF082968.D
Acq: 17 Nov 2015 11:57

Tgt Ion:240 Resp: 521971
Ion Ratio Lower Upper
240 100
120 5.8 10.9 16.3#
236 26.2 21.6 32.4





#78

Terphenyl-d14

Concen: 20.45 ng

RT: 12.89 min Scan# 945

Delta R.T. -0.08 min

Lab File: BF082968.D

Acq: 17 Nov 2015 11:57

Instrument :

BNA_F

ClientSampleId :

SYSDIS1122015DL

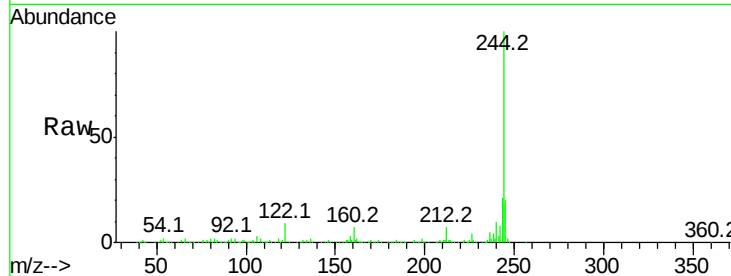
Tot Ion:244 Resp: 450092

Ion Ratio Lower Upper

244 100

212 7.1 7.6 11.4#

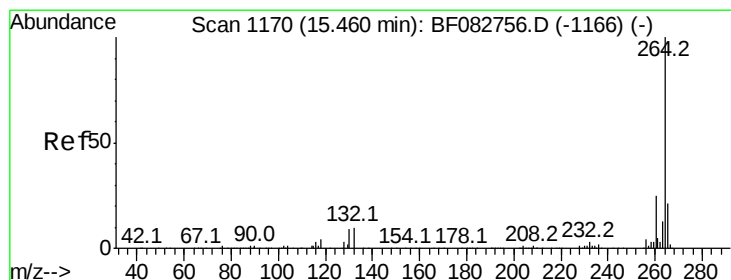
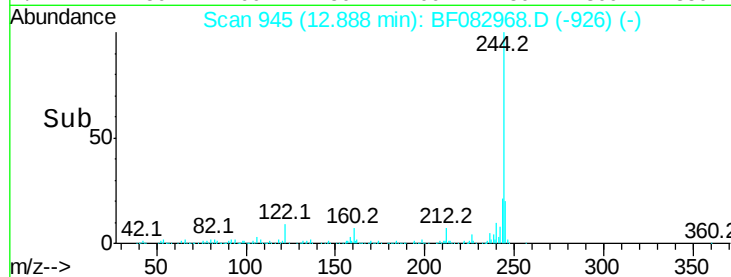
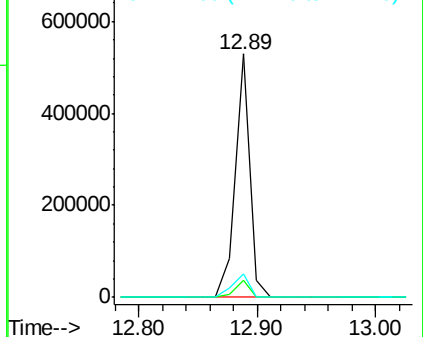
122 9.4 11.3 16.9#



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: 15.36 min Scan# 1161

Delta R.T. -0.10 min

Lab File: BF082968.D

Acq: 17 Nov 2015 11:57

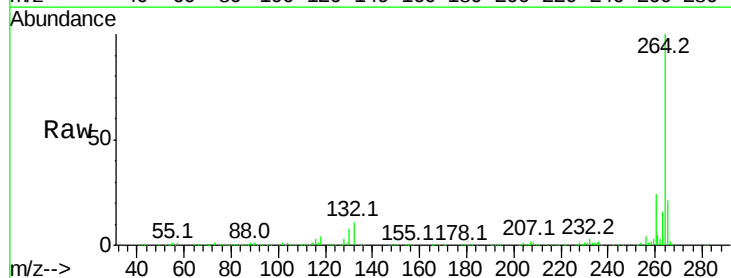
Tgt Ion:264 Resp: 464889

Ion Ratio Lower Upper

264 100

260 23.9 19.8 29.6

265 21.3 17.4 26.0



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

