

Data Path : \\74.0.250.170\svoasrv\HPCHEM1\BNA G\Data\BG110417\
 Data File : BG030724.D
 Acq On : 4 Nov 2017 6:16
 Operator : SJ/JU
 Sample : I6289-02
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-110217

Quant Time: Nov 04 12:11:37 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 03 18:14:01 2017
 Response via : Initial Calibration

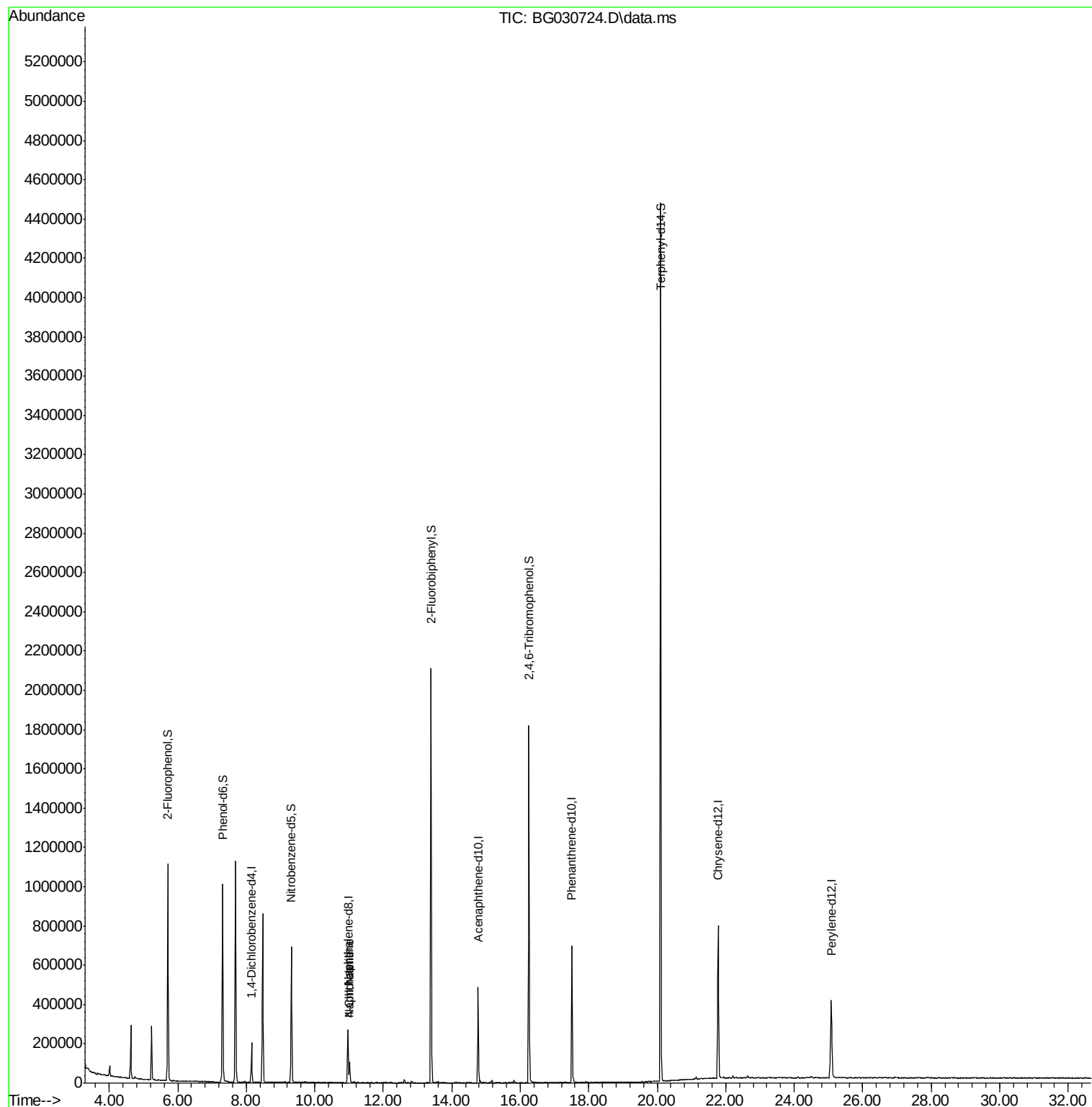
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.153	152	57579	20.00	ng	0.00
21) Naphthalene-d8	10.967	136	257907	20.00	ng	0.00
38) Acenaphthene-d10	14.768	164	176360	20.00	ng	0.00
63) Phenanthrene-d10	17.506	188	446538	20.00	ng	0.00
75) Chrysene-d12	21.778	240	499028	20.00	ng	0.00
86) Perylene-d12	25.080	264	414631	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.708	112	497839	144.44	ng	0.00
7) Phenol-d6	7.313	99	634058	131.06	ng	0.00
23) Nitrobenzene-d5	9.316	82	423264	104.29	ng	0.00
41) 2,4,6-Tribromophenol	16.255	330	386851	169.90	ng	0.00
44) 2-Fluorobiphenyl	13.394	172	1156567	96.18	ng	0.00
78) Terphenyl-d14	20.098	244	2067568	94.25	ng	0.00
Target Compounds						
31) Naphthalene	11.014	128	95425	7.42	ng	98
33) 4-Chloroaniline	11.020	127	12706	2.35	ng	# 39

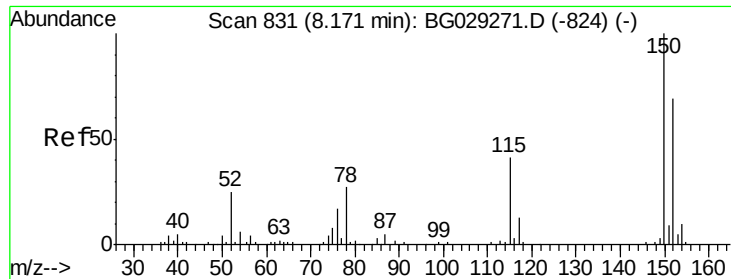
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.153 min Scan# 82

Delta R.T. -0.000 min

Lab File: BG030724.D

Acq: 4 Nov 2017 6:16

Instrument :

BNA_G

ClientSampleId :

SU-03-110217

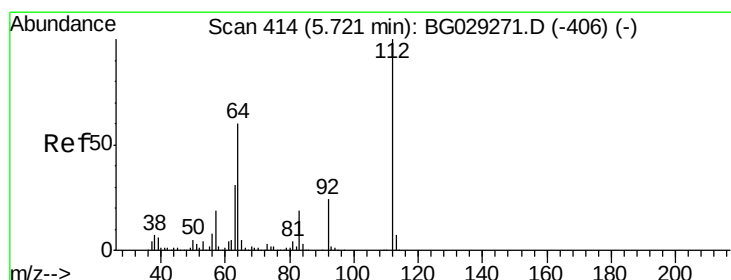
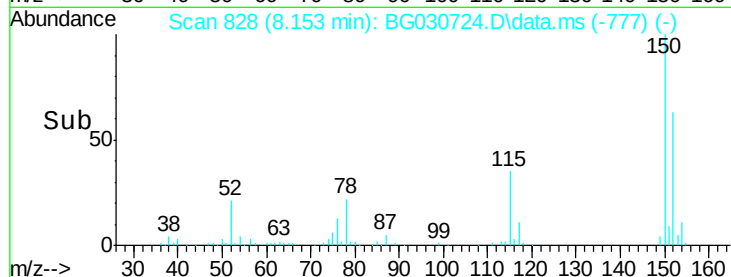
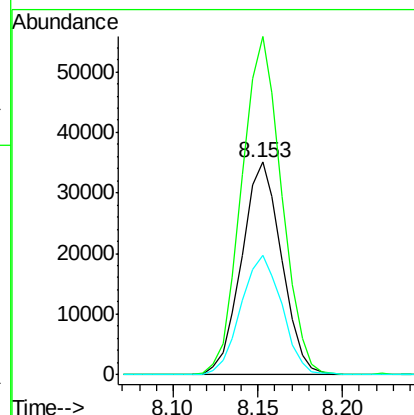
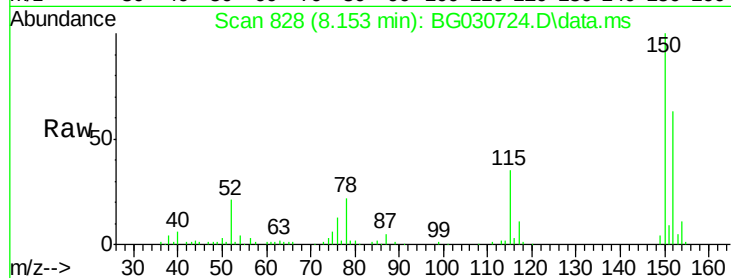
Tot Ion:152 Resp: 57579

Ion Ratio Lower Upper

152 100

150 159.3 126.6 189.8

115 56.0 53.0 79.4



#5

2-Fluorophenol

Concen: 144.44 ng

RT: 5.708 min Scan# 412

Delta R.T. -0.000 min

Lab File: BG030724.D

Acq: 4 Nov 2017 6:16

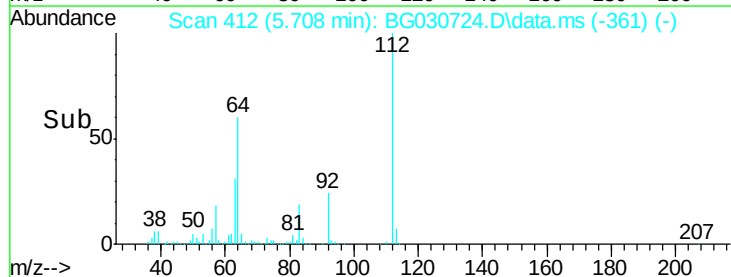
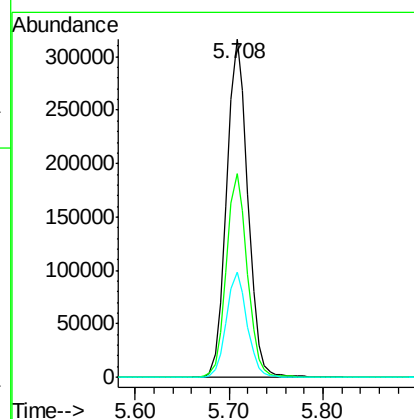
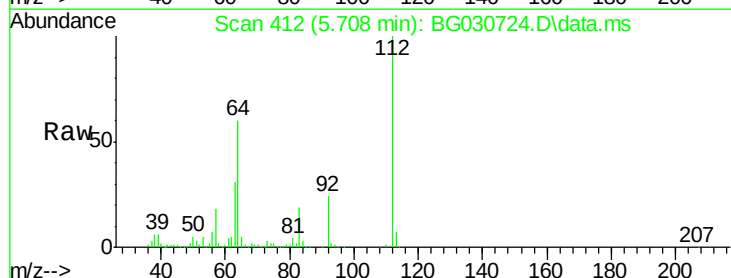
Tgt Ion:112 Resp: 497839

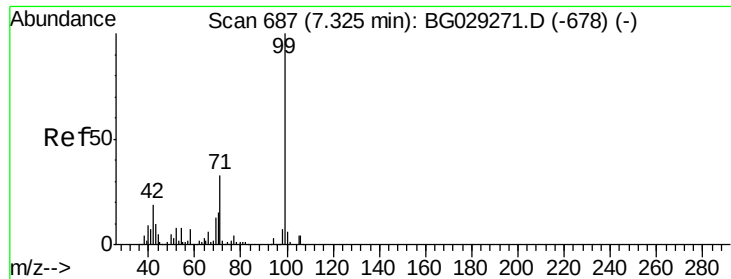
Ion Ratio Lower Upper

112 100

64 60.3 56.3 84.5

63 31.0 30.1 45.1





#7

Phenol-d6

Concen: 131.06 ng

RT: 7.313 min Scan# 68

Delta R.T. 0.006 min

Lab File: BG030724.D

Acq: 4 Nov 2017 6:16

Instrument :

BNA_G

ClientSampleId :

SU-03-110217

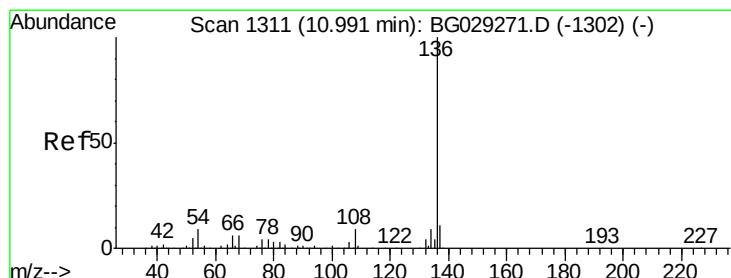
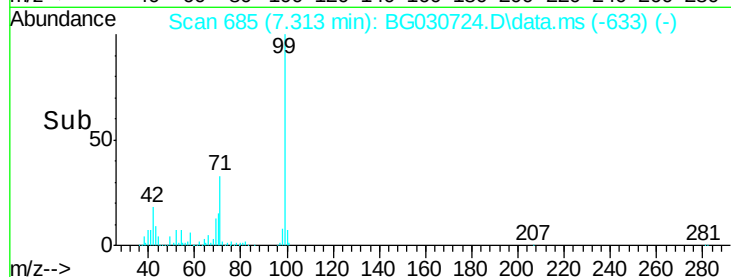
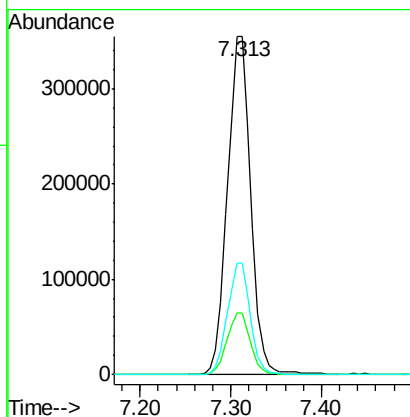
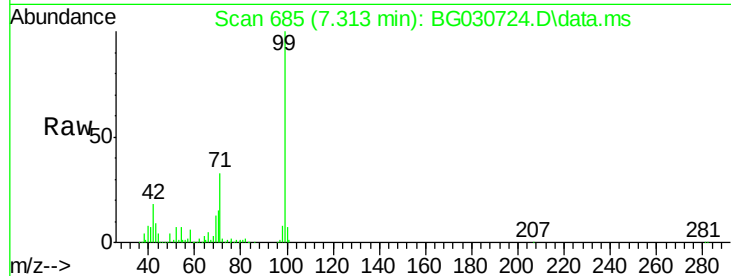
Tot Ion: 99 Resp: 634058

Ion Ratio Lower Upper

99 100

42 18.2 14.1 21.1

71 32.9 26.1 39.1



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.967 min Scan# 1307

Delta R.T. -0.000 min

Lab File: BG030724.D

Acq: 4 Nov 2017 6:16

Tgt Ion: 136 Resp: 257907

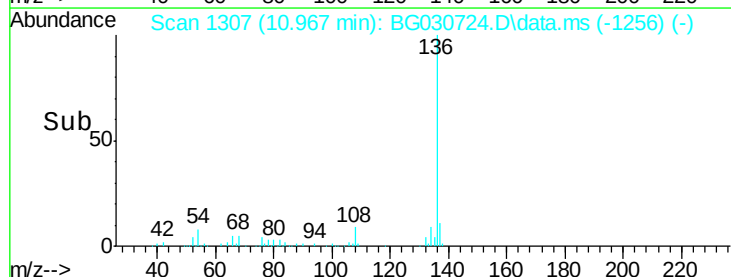
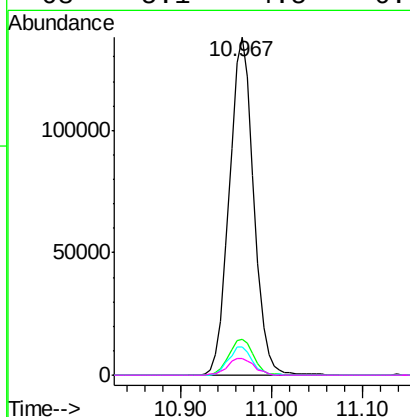
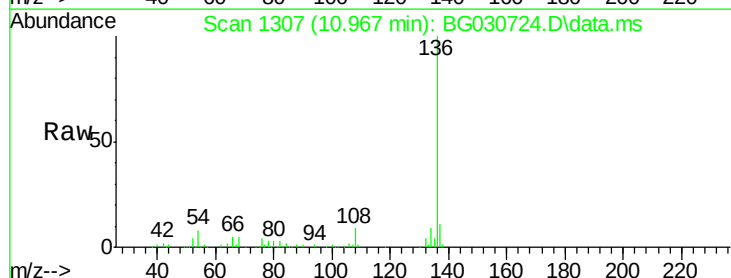
Ion Ratio Lower Upper

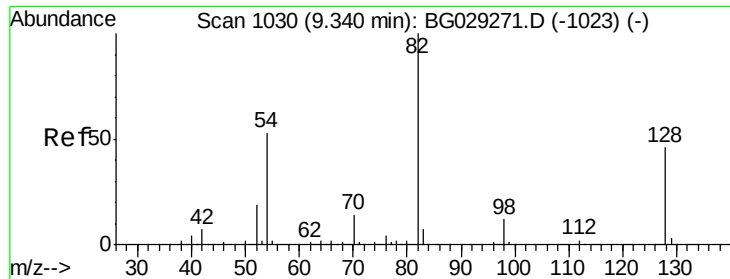
136 100

137 10.6 9.2 13.8

54 8.2 10.3 15.5#

68 5.1 4.5 6.7

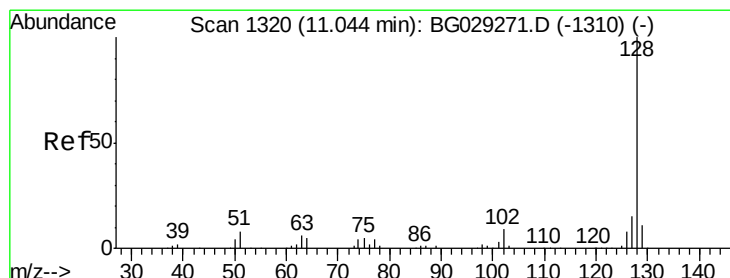
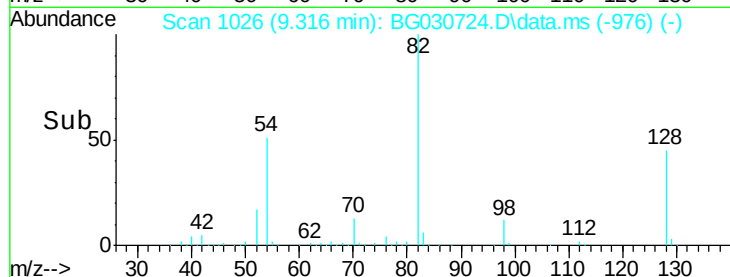
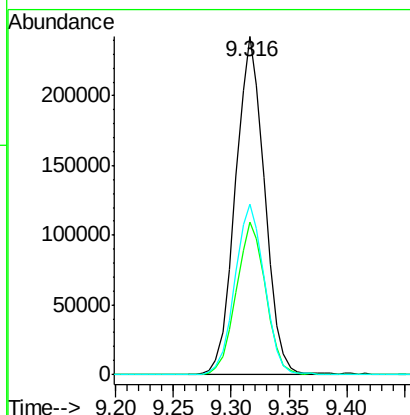
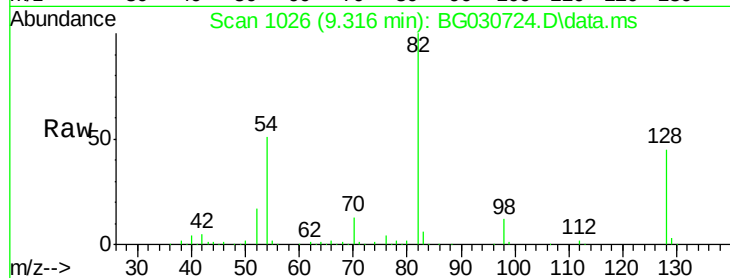




#23
 Nitrobenzene-d5
 Concen: 104.29 ng
 RT: 9.316 min Scan# 10
 Delta R.T. -0.006 min
 Lab File: BG030724.D
 Acq: 4 Nov 2017 6:16

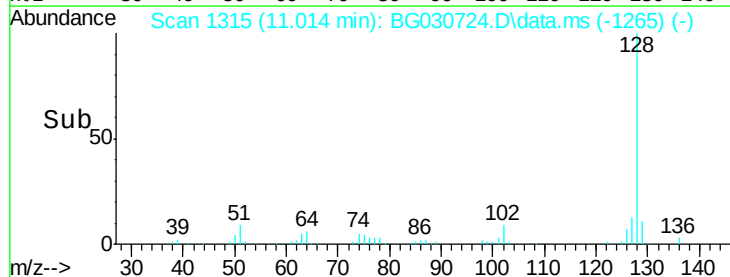
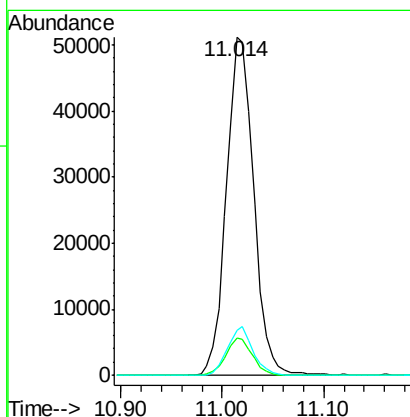
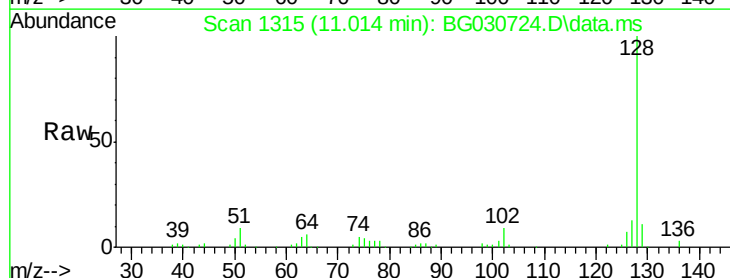
Instrument :
 BNA_G
 ClientSampleId :
 SU-03-110217

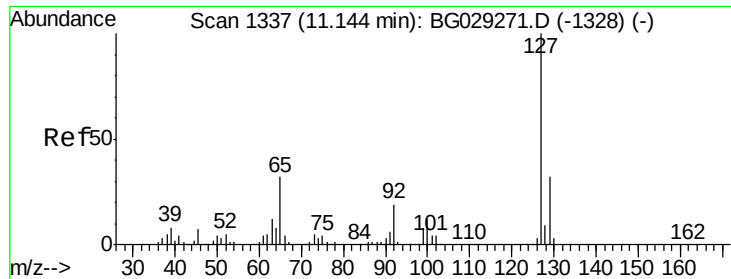
Tot Ion	82	Resp	423264
Ion Ratio	100	Lower	Upper
128	45.2	29.7	44.5#
54	50.6	43.1	64.7



#31
 Naphthalene
 Concen: 7.42 ng
 RT: 11.014 min Scan# 1315
 Delta R.T. -0.006 min
 Lab File: BG030724.D
 Acq: 4 Nov 2017 6:16

Tgt Ion	128	Resp	95425
Ion Ratio	100	Lower	Upper
129	10.9	8.6	12.8
127	13.5	11.6	17.4

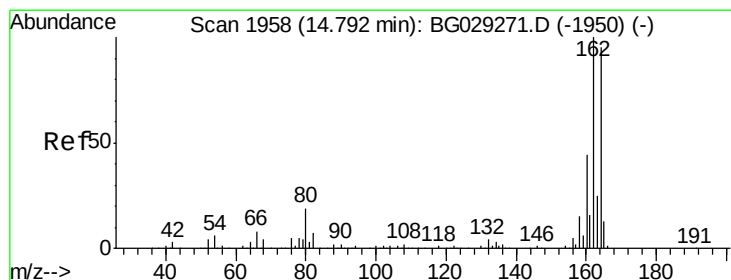
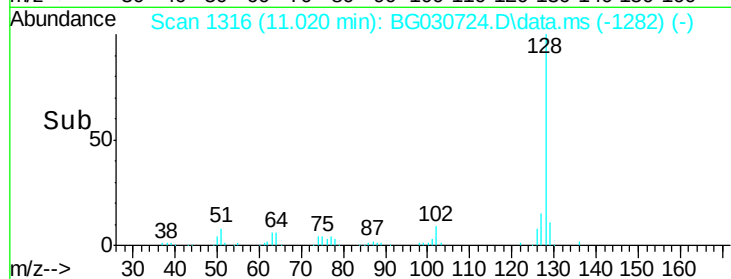
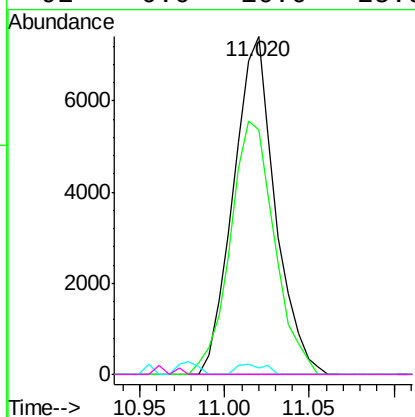
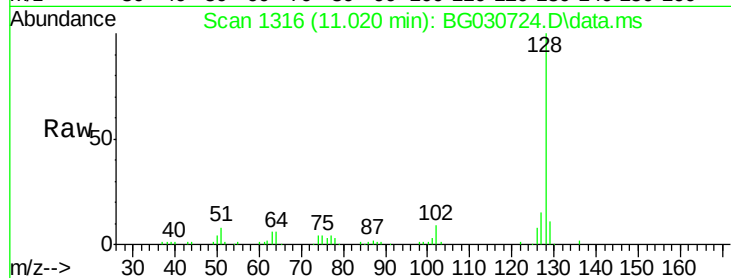




#33
4-Chloroaniline
Concen: 2.35 ng
RT: 11.020 min Scan# 1337
Delta R.T. -0.100 min
Lab File: BG030724.D
Acq: 4 Nov 2017 6:16

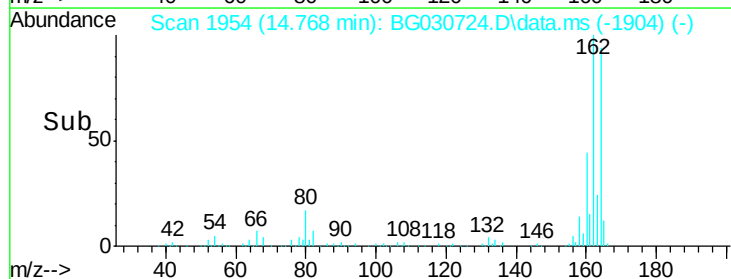
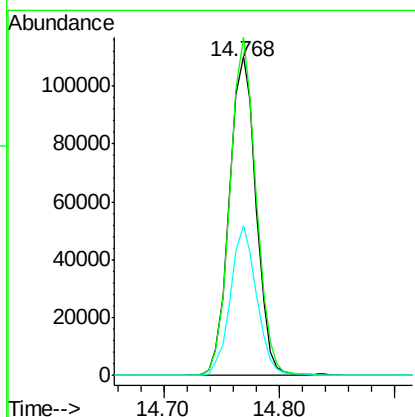
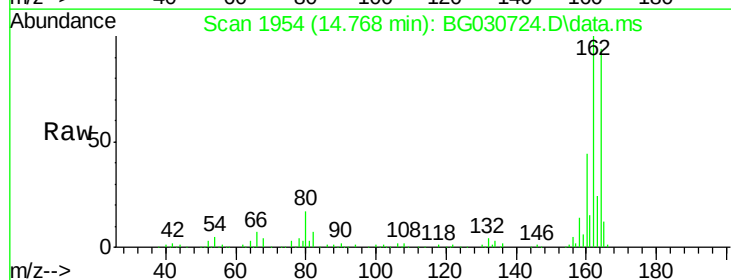
Instrument :
BNA_G
ClientSampleId :
SU-03-110217

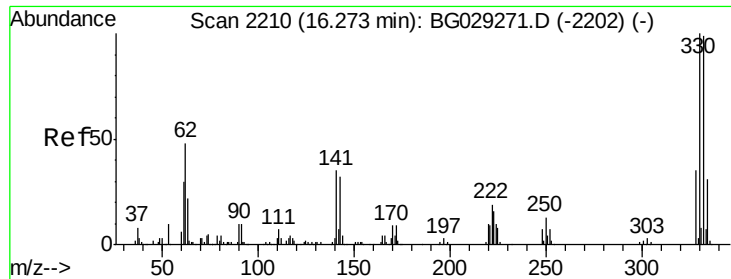
Tot Ion:127	Resp:	12706
Ion Ratio	Lower	Upper
127	100	
129	72.6	24.0 36.0#
65	2.0	27.0 40.4#
92	0.0	16.6 25.0#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.768 min Scan# 1954
Delta R.T. -0.006 min
Lab File: BG030724.D
Acq: 4 Nov 2017 6:16

Tgt Ion:164	Resp:	176360
Ion Ratio	Lower	Upper
164	100	
162	105.9	78.8 118.2
160	46.9	35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 169.90 ng

RT: 16.255 min Scan# 22

Delta R.T. -0.000 min

Lab File: BG030724.D

Acq: 4 Nov 2017 6:16

Instrument :

BNA_G

ClientSampleId :

SU-03-110217

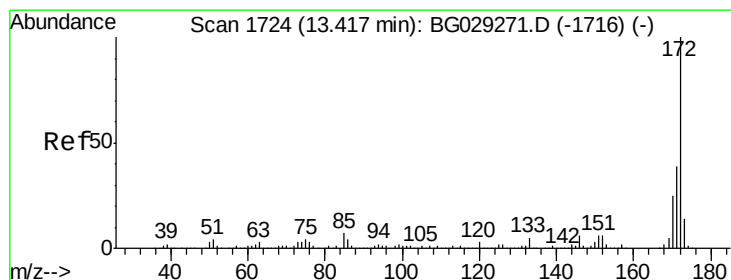
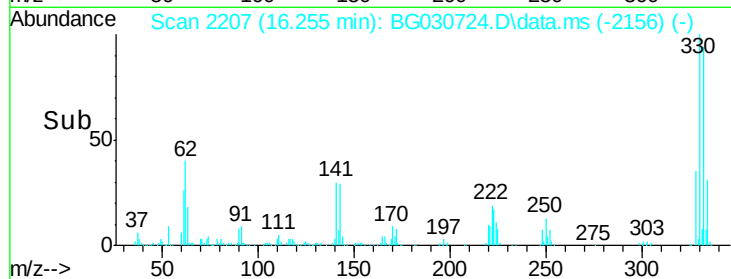
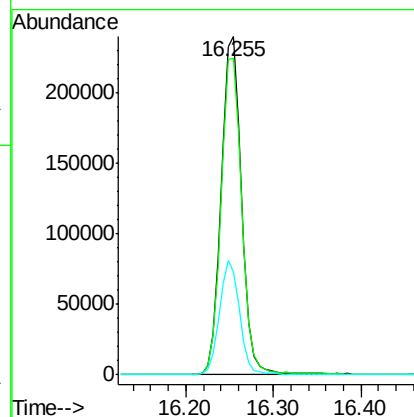
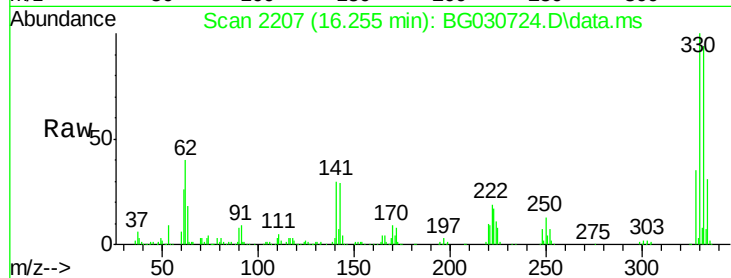
Tot Ion:330 Resp: 386851

Ion Ratio Lower Upper

330 100

332 95.5 77.0 115.6

141 33.2 25.2 37.8



#44

2-Fluorobiphenyl

Concen: 96.18 ng

RT: 13.394 min Scan# 1720

Delta R.T. -0.006 min

Lab File: BG030724.D

Acq: 4 Nov 2017 6:16

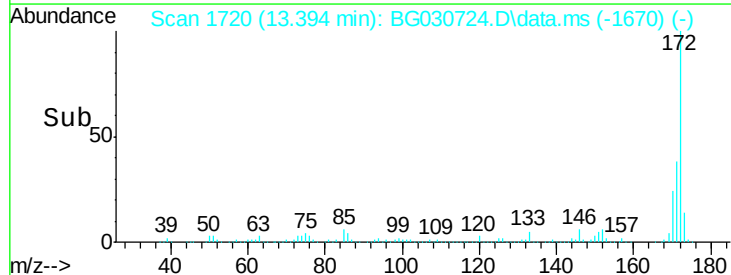
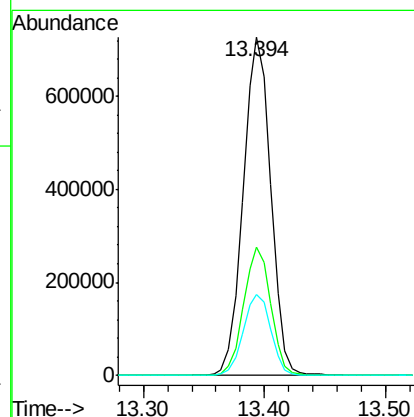
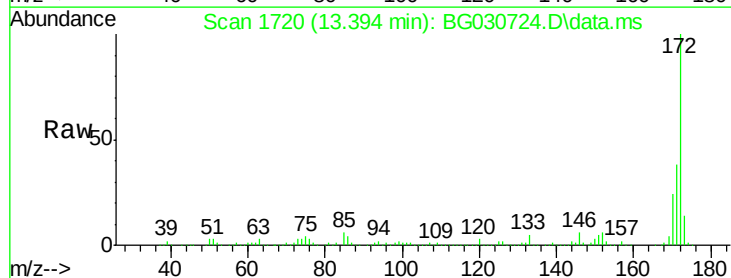
Tgt Ion:172 Resp: 1156567

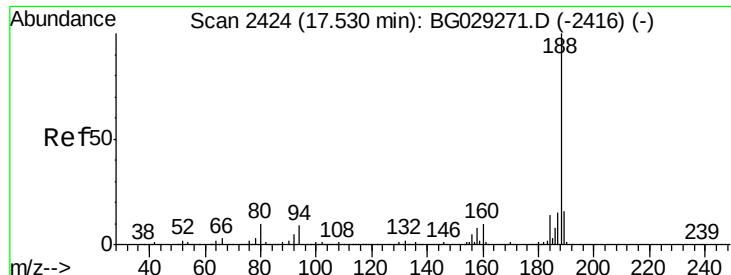
Ion Ratio Lower Upper

172 100

171 37.9 30.0 45.0

170 24.1 19.5 29.3

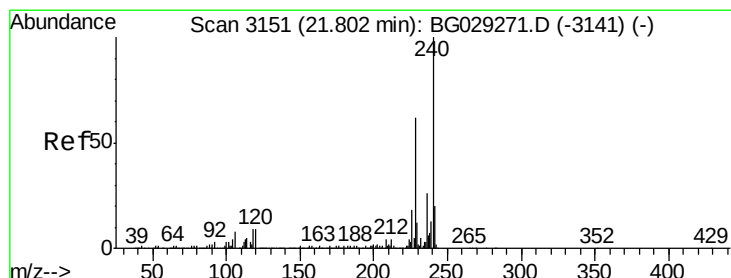
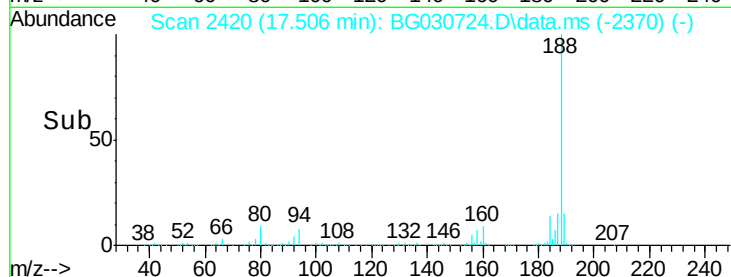
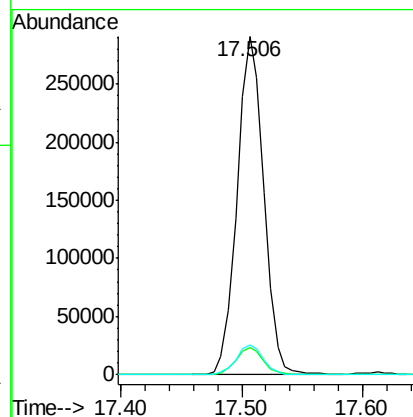
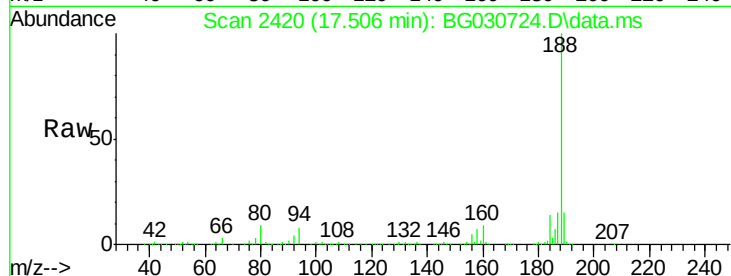




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.506 min Scan# 241
Delta R.T. -0.006 min
Lab File: BG030724.D
Acq: 4 Nov 2017 6:16

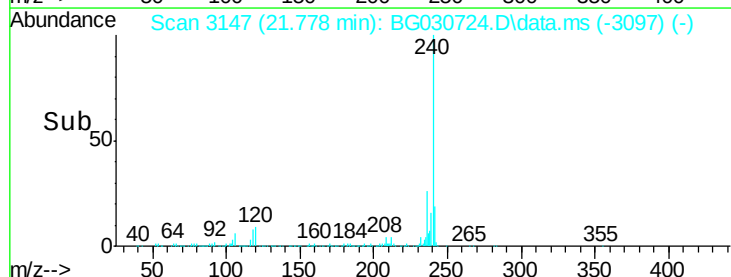
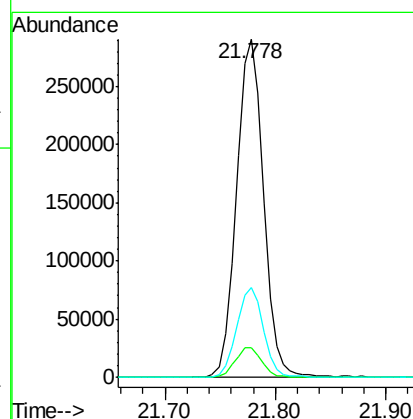
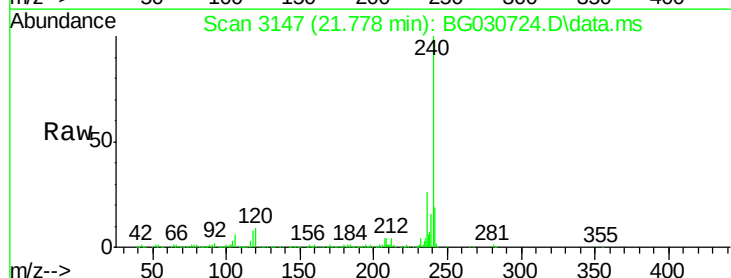
Instrument :
BNA_G
ClientSampleId :
SU-03-110217

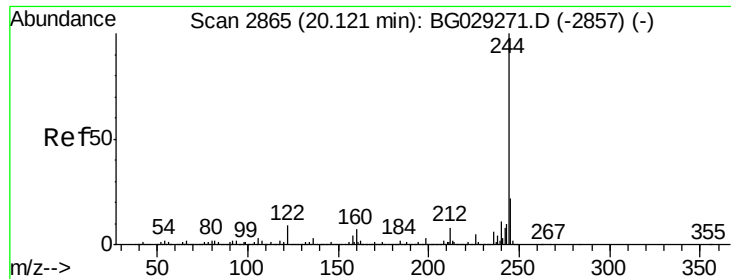
Tot Ion	Ratio	Lower	Upper
188	100		
94	8.0	6.9	10.3
80	8.9	7.7	11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.778 min Scan# 3147
Delta R.T. -0.006 min
Lab File: BG030724.D
Acq: 4 Nov 2017 6:16

Tgt Ion	Ratio	Lower	Upper
240	100		
120	8.8	6.8	10.2
236	26.4	20.9	31.3





#78

Terphenyl-d14

Concen: 94.25 ng

RT: 20.098 min Scan# 28

Delta R.T. -0.000 min

Lab File: BG030724.D

Acq: 4 Nov 2017 6:16

Instrument :

BNA_G

ClientSampleId :

SU-03-110217

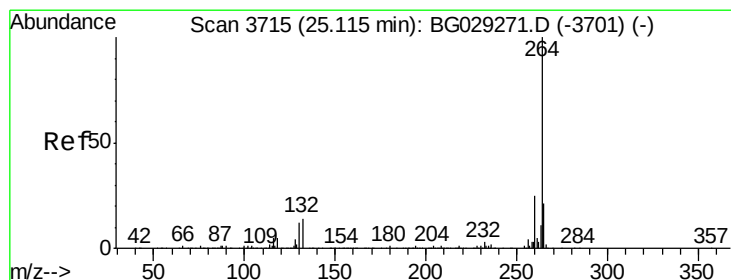
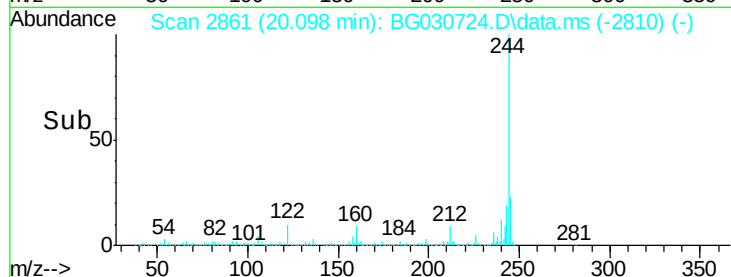
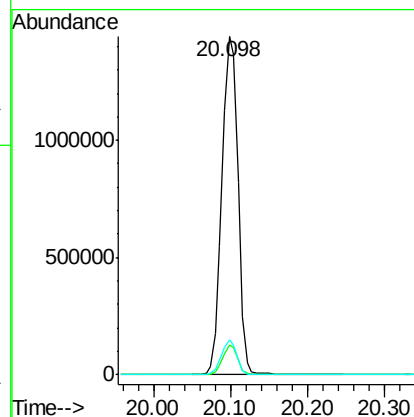
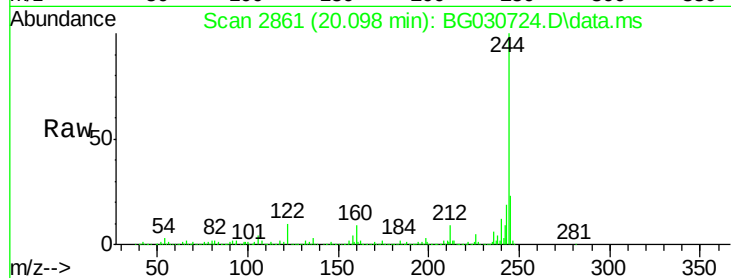
Tot Ion:244 Resp: 2067568

Ion Ratio Lower Upper

244 100

212 8.7 5.8 8.8

122 10.3 7.0 10.4



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.080 min Scan# 3709

Delta R.T. -0.012 min

Lab File: BG030724.D

Acq: 4 Nov 2017 6:16

Tgt Ion:264 Resp: 414631

Ion Ratio Lower Upper

264 100

260 23.1 17.4 26.0

265 21.6 17.7 26.5

