

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102317\
 Data File : BG029413.D
 Acq On : 24 Oct 2017 00:11
 Operator : SJ/JU
 Sample : I6064-06
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 72-11989-COMP

Quant Time: Oct 24 05:55:09 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 16 17:32:15 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	73113	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	307303	20.00	ng	-0.01
38) Acenaphthene-d10	14.78	164	203163	20.00	ng	-0.01
63) Phenanthrene-d10	17.52	188	527548	20.00	ng	-0.01
75) Chrysene-d12	21.79	240	584873	20.00	ng	-0.01
86) Perylene-d12	25.10	264	579238	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	451098	103.07	ng	0.00
7) Phenol-d6	7.32	99	529627	86.21	ng	0.00
23) Nitrobenzene-d5	9.33	82	404439	83.63	ng	-0.01
41) 2,4,6-Tribromophenol	16.27	330	300323	114.49	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1076394	77.71	ng	0.00
78) Terphenyl-d14	20.11	244	1799511	69.99	ng	-0.01

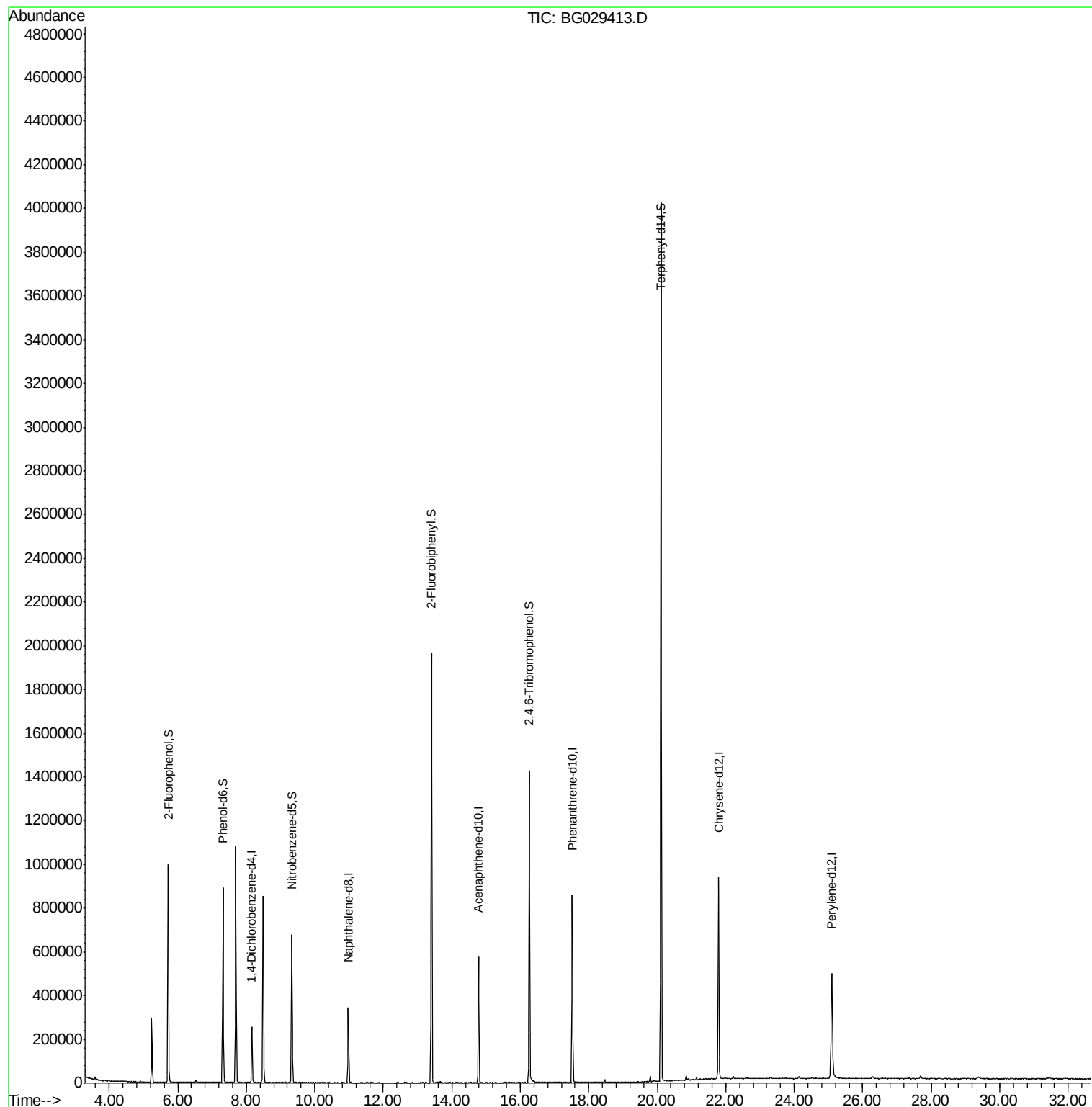
Target Compounds Qvalue

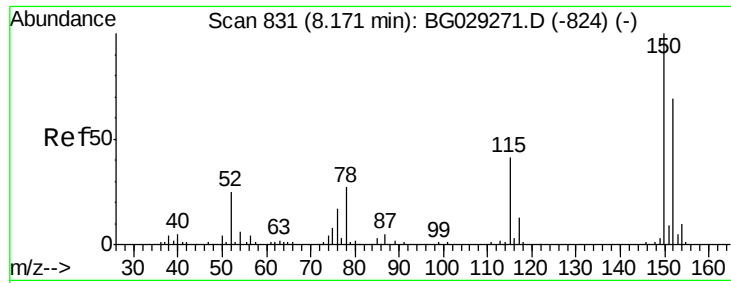
(#) = qualifier out of range (m) = manual integration (+) = signals summed

Data Path : Z:\HPCHEM1\BNA G\DATA\BG102317\
Data File : BG029413.D
Acq On : 24 Oct 2017 00:11
Operator : SJ/JU
Sample : I6064-06
Misc :
ALS Vial : 14 Sample Multiplier: 1

Instrument :
BNA_G
ClientSampleId :
72-11989-COMP

Quant Time: Oct 24 05:55:09 2017
Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101617.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Mon Oct 16 17:32:15 2017
Response via : Initial Calibration

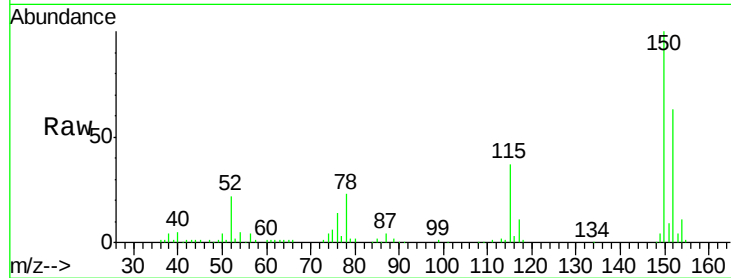




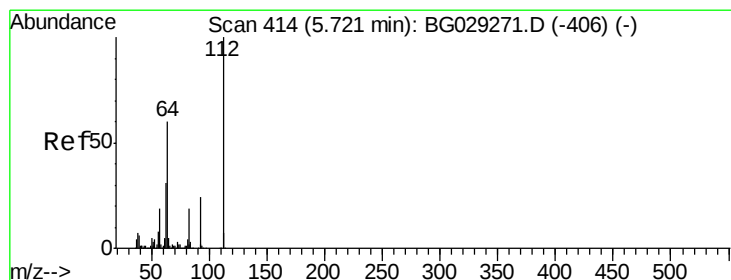
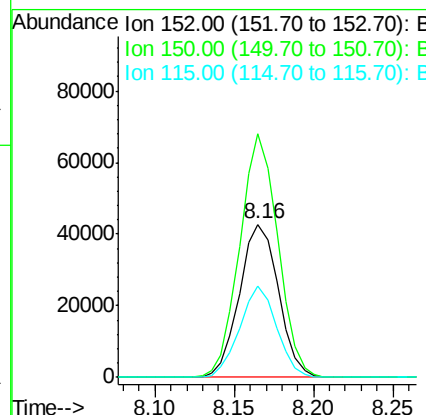
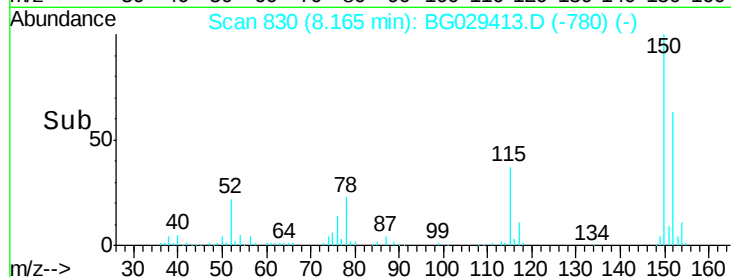
#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.16 min Scan# 830
 Delta R.T. -0.01 min
 Lab File: BG029413.D
 Acq: 24 Oct 2017 00:11

Instrument :
 BNA_G
 ClientSampleId :
 72-11989-COMP

Tot Ion:152 Resp: 73113
 Ion Ratio Lower Upper
 152 100
 150 158.9 126.6 189.8
 115 59.4 53.0 79.4

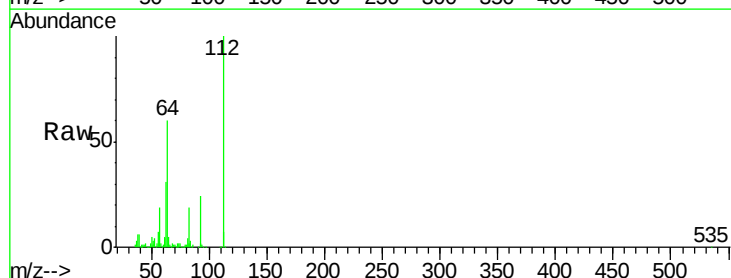


Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E

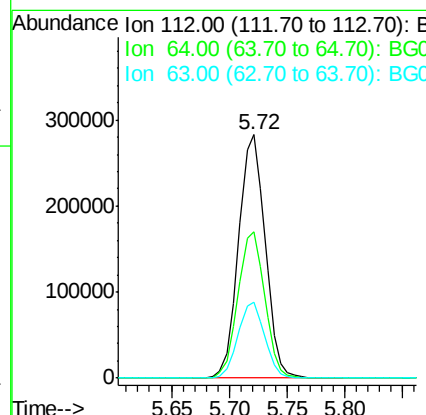
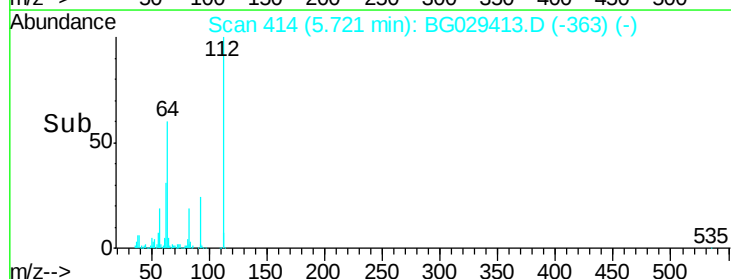


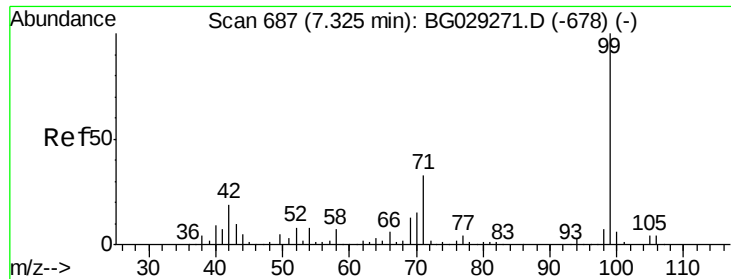
#5
 2-Fluorophenol
 Concen: 103.07 ng
 RT: 5.72 min Scan# 414
 Delta R.T. 0.00 min
 Lab File: BG029413.D
 Acq: 24 Oct 2017 00:11

Tgt Ion:112 Resp: 451098
 Ion Ratio Lower Upper
 112 100
 64 60.1 56.3 84.5
 63 31.1 30.1 45.1



Abundance Ion 112.00 (111.70 to 112.70): E
 Ion 64.00 (63.70 to 64.70): BGC
 Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 86.21 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG029413.D

Acq: 24 Oct 2017 00:11

Instrument :

BNA_G

ClientSampleId :

72-11989-COMP

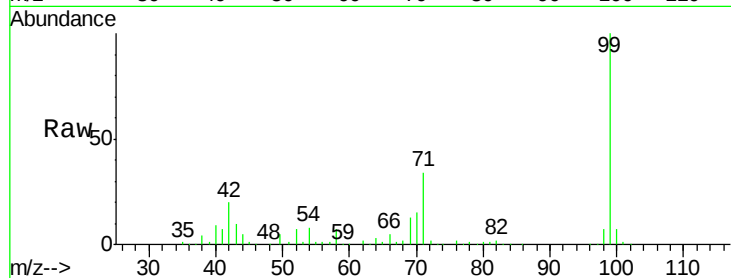
Tot Ion: 99 Resp: 529627

Ion Ratio Lower Upper

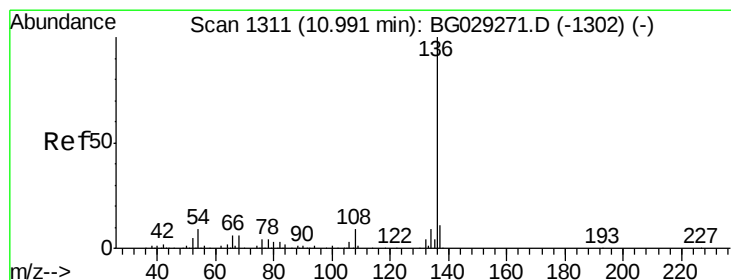
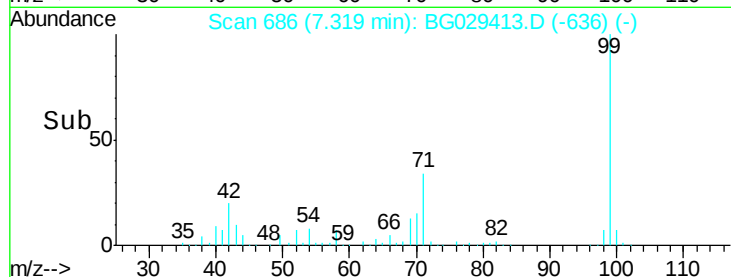
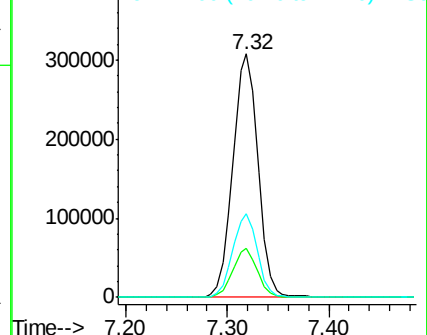
99 100

42 20.0 14.1 21.1

71 34.3 26.1 39.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.98 min Scan# 1309

Delta R.T. -0.01 min

Lab File: BG029413.D

Acq: 24 Oct 2017 00:11

Tgt Ion: 136 Resp: 307303

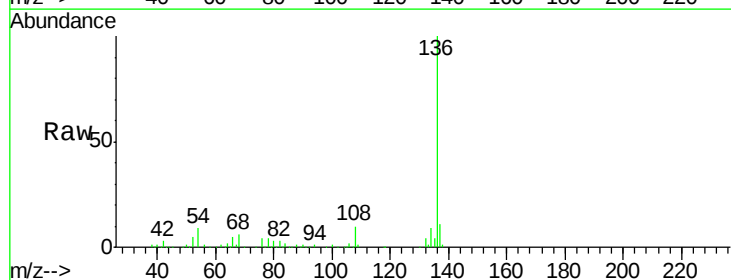
Ion Ratio Lower Upper

136 100

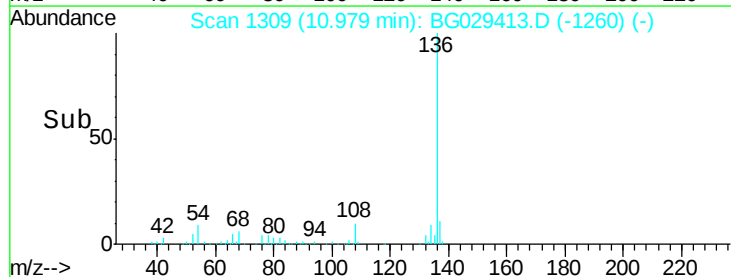
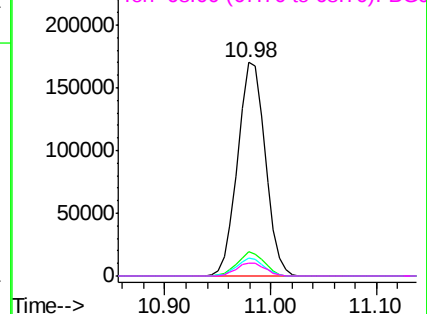
137 11.4 9.2 13.8

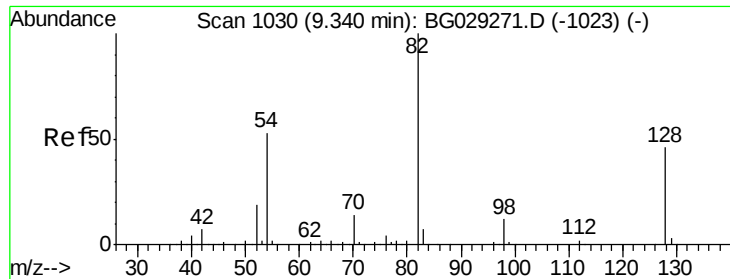
54 8.6 10.3 15.5#

68 6.3 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

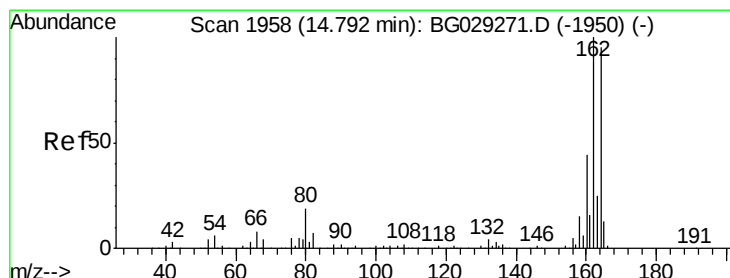
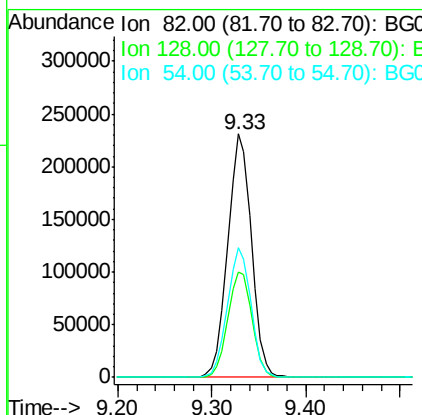
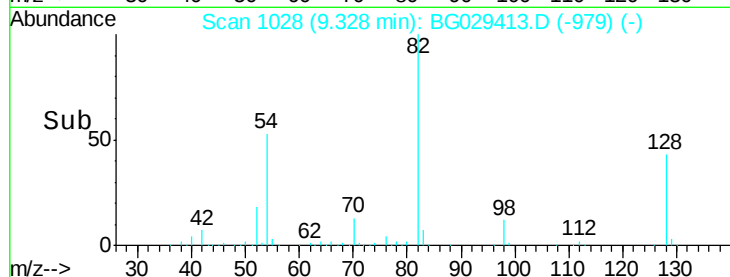
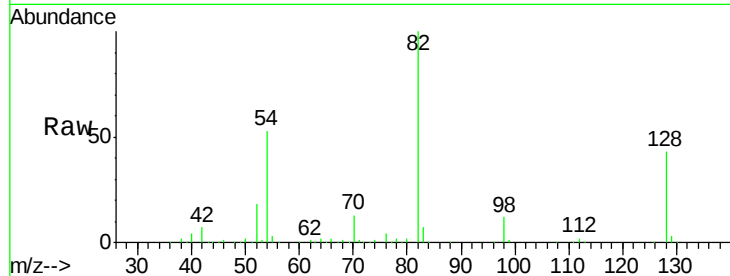




#23
 Nitrobenzene-d5
 Concen: 83.63 ng
 RT: 9.33 min Scan# 1028
 Delta R.T. -0.01 min
 Lab File: BG029413.D
 Acq: 24 Oct 2017 00:11

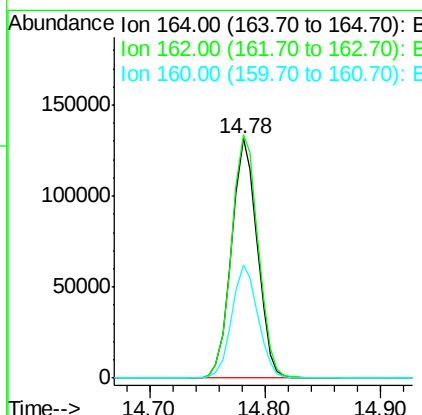
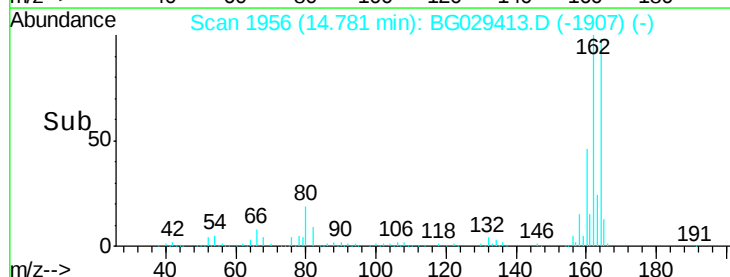
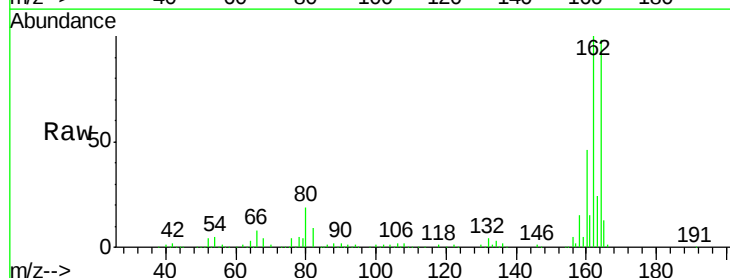
Instrument :
 BNA_G
 ClientSampleId :
 72-11989-COMP

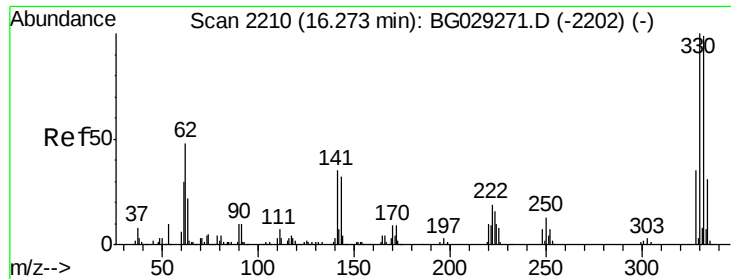
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.1	29.7	44.5
54	53.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.01 min
 Lab File: BG029413.D
 Acq: 24 Oct 2017 00:11

Tgt Ion	Ratio	Lower	Upper
164	100		
162	101.6	78.8	118.2
160	47.0	35.4	53.0

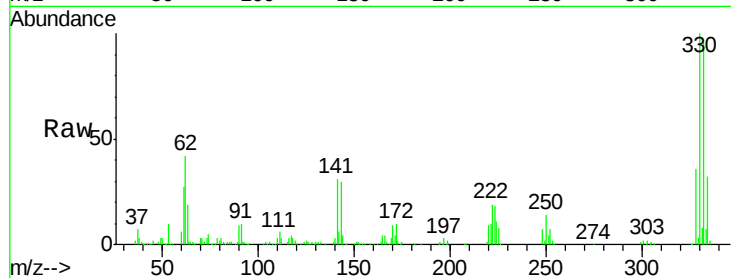




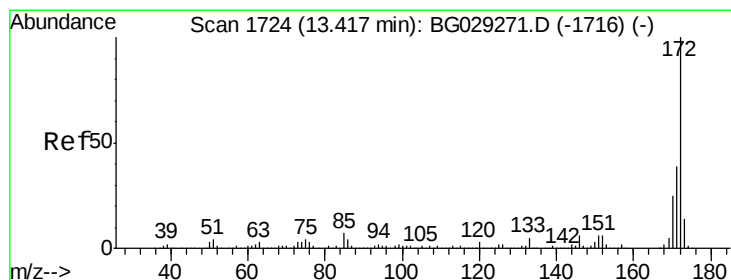
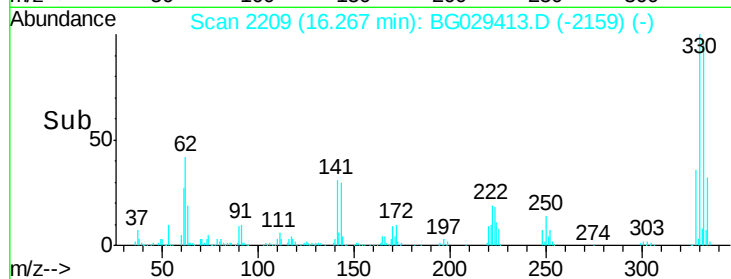
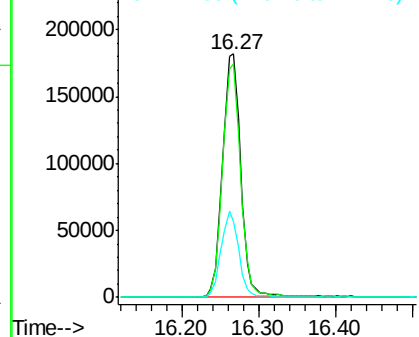
#41
 2,4,6-Tribromophenol
 Concen: 114.49 ng
 RT: 16.27 min Scan# 2209
 Delta R.T. -0.01 min
 Lab File: BG029413.D
 Acq: 24 Oct 2017 00:11

Instrument :
 BNA_G
 ClientSampleId :
 72-11989-COMP

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	34.0	25.2	37.8

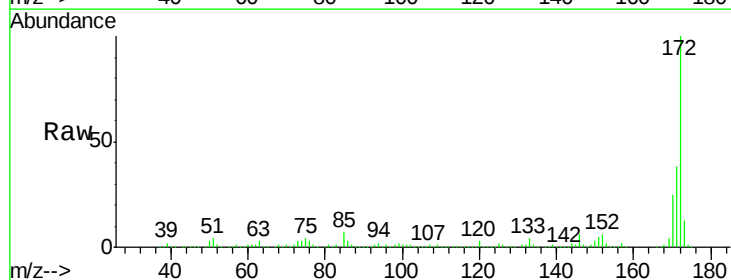


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

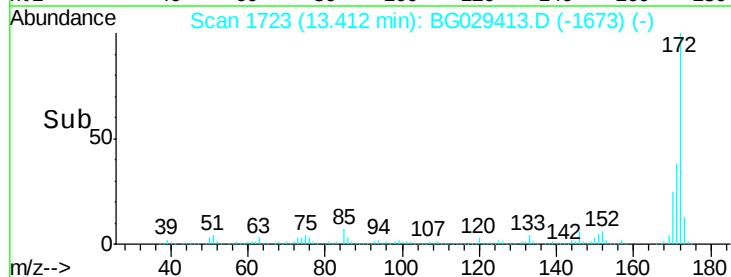
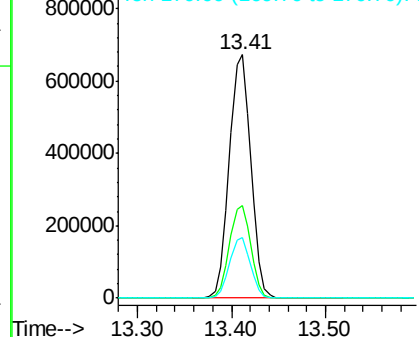


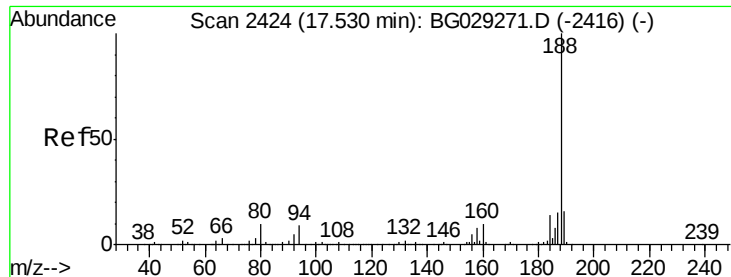
#44
 2-Fluorobiphenyl
 Concen: 77.71 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG029413.D
 Acq: 24 Oct 2017 00:11

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.8	19.5	29.3



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

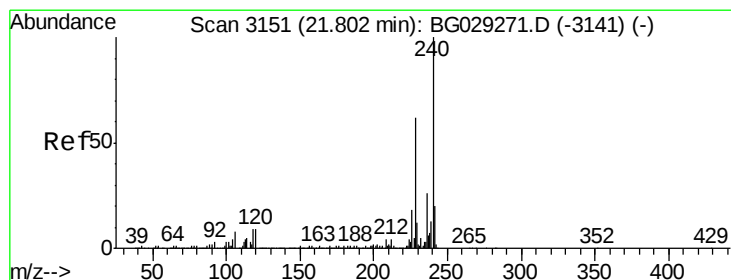
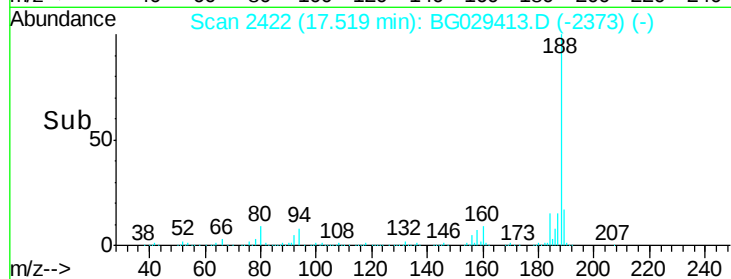
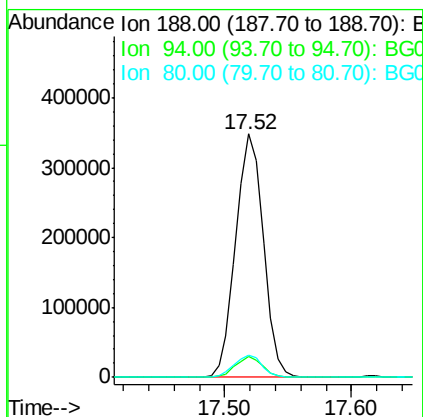
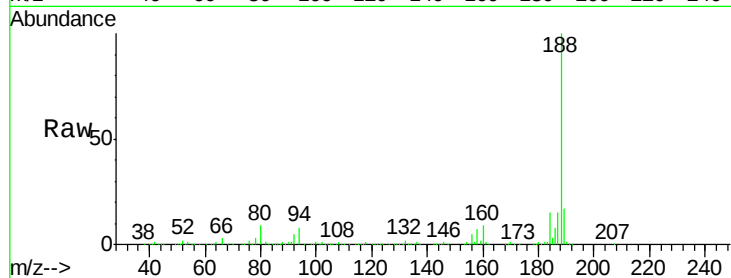




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.52 min Scan# 2422
Delta R.T. -0.01 min
Lab File: BG029413.D
Acq: 24 Oct 2017 00:11

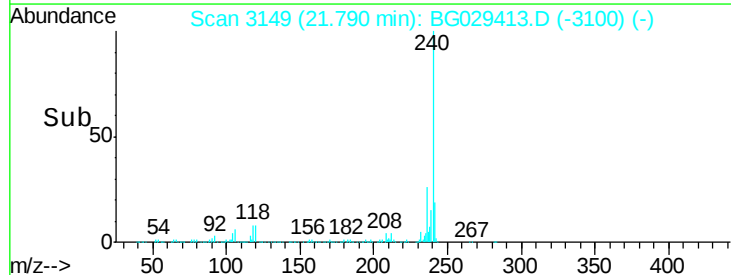
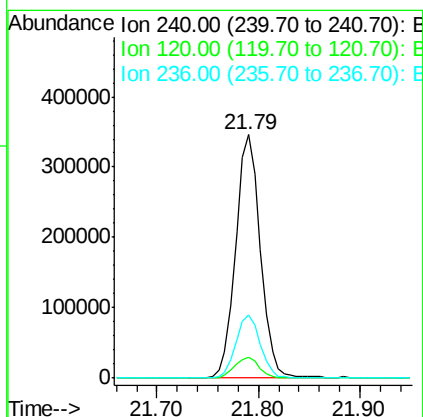
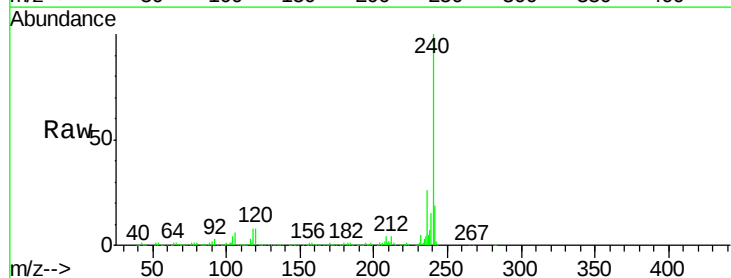
Instrument :
BNA_G
ClientSampleId :
72-11989-COMP

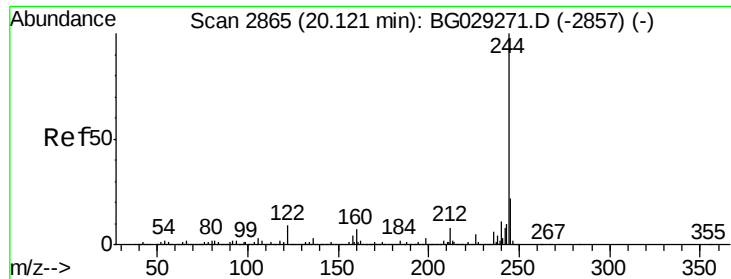
Tot Ion:188 Resp: 527548
Ion Ratio Lower Upper
188 100
94 8.3 6.9 10.3
80 9.1 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.79 min Scan# 3149
Delta R.T. -0.01 min
Lab File: BG029413.D
Acq: 24 Oct 2017 00:11

Tgt Ion:240 Resp: 584873
Ion Ratio Lower Upper
240 100
120 8.4 6.8 10.2
236 25.9 20.9 31.3





#78

Terphenyl-d14

Concen: 69.99 ng

RT: 20.11 min Scan# 2863

Delta R.T. -0.01 min

Lab File: BG029413.D

Acq: 24 Oct 2017 00:11

Instrument :

BNA_G

ClientSampleId :

72-11989-COMP

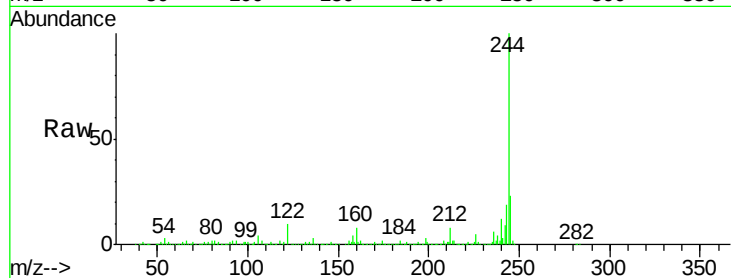
Tot Ion:244 Resp: 1799511

Ion Ratio Lower Upper

244 100

212 8.4 5.8 8.8

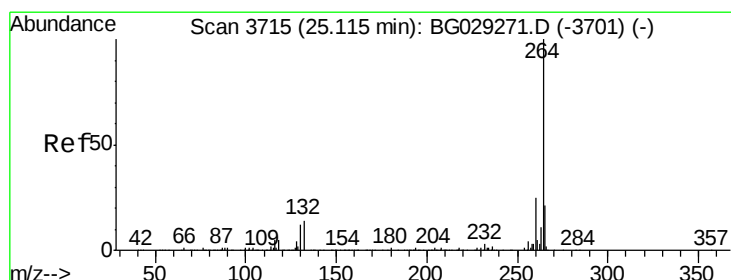
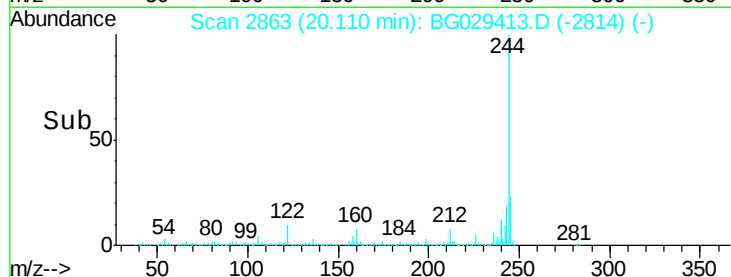
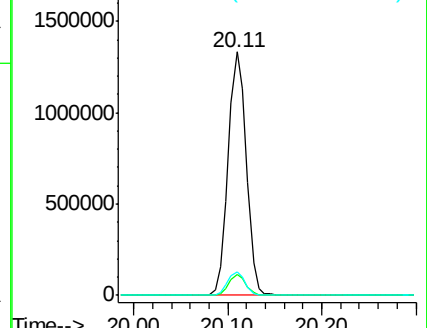
122 9.6 7.0 10.4



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: 25.10 min Scan# 3712

Delta R.T. -0.02 min

Lab File: BG029413.D

Acq: 24 Oct 2017 00:11

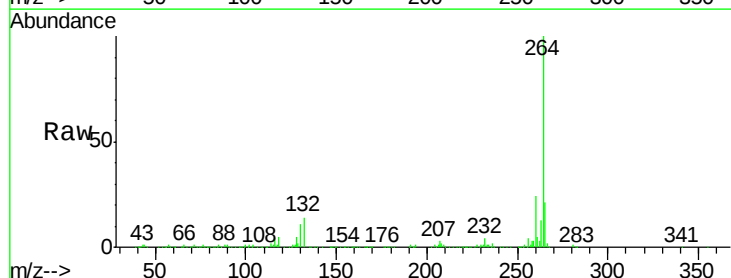
Tgt Ion:264 Resp: 579238

Ion Ratio Lower Upper

264 100

260 24.1 17.4 26.0

265 20.9 17.7 26.5



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

