

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101617\
 Data File : BG029289.D
 Acq On : 17 Oct 2017 2:44
 Operator : SJ/JU
 Sample : I5898-03
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OR-02-101317

Quant Time: Oct 17 04:07:00 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	8.17	152	69537	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	339070	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	219380	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	504077	20.00	ng	0.00
75) Chrysene-d12	21.80	240	534188	20.00	ng	0.00
86) Perylene-d12	25.11	264	472248	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	533751	128.23	ng	0.00
7) Phenol-d6	7.32	99	676113	115.72	ng	0.00
23) Nitrobenzene-d5	9.33	82	484342	90.77	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	390147	137.74	ng	0.00
44) 2-Fluorobiphenyl	13.42	172	1292115	86.38	ng	0.00
78) Terphenyl-d14	20.11	244	1950398	83.06	ng	0.00

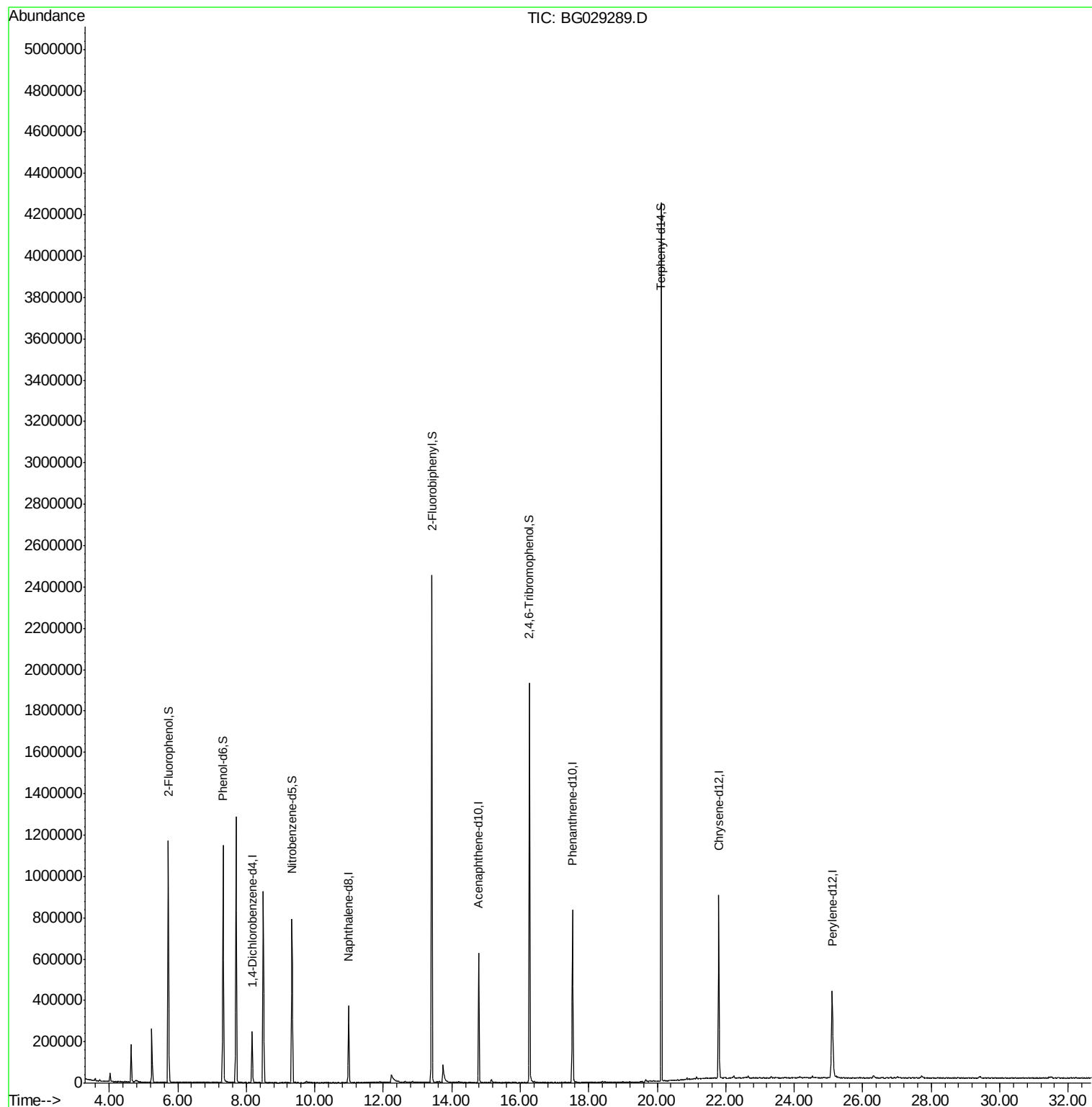
Target Compounds Qvalue

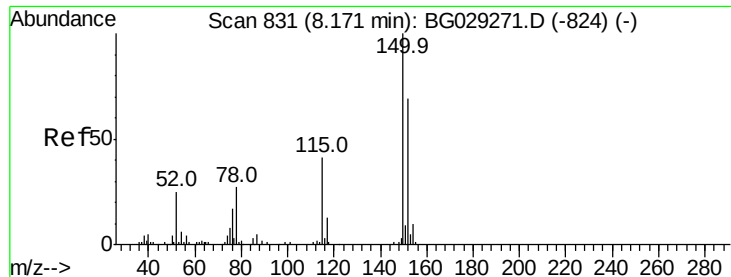
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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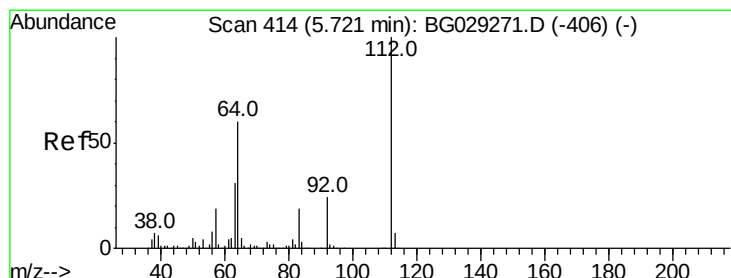
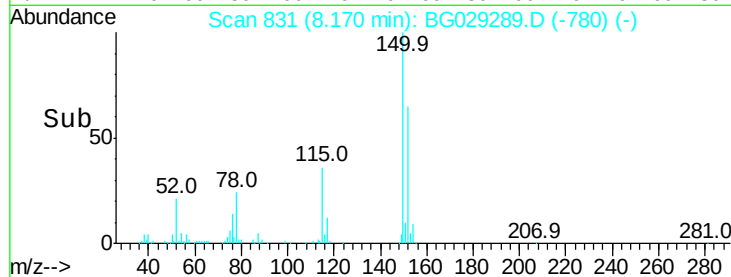
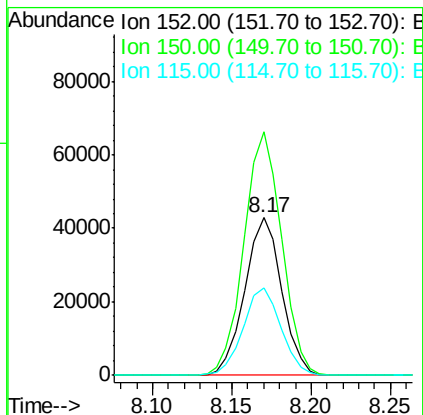
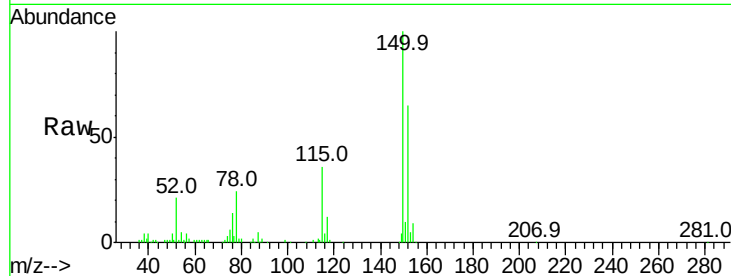


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG029289.D
Acq: 17 Oct 2017 2:44

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BNA_G
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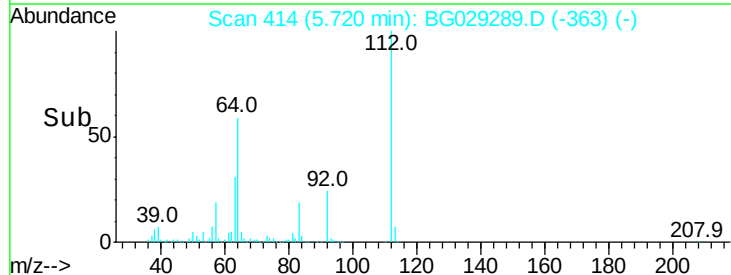
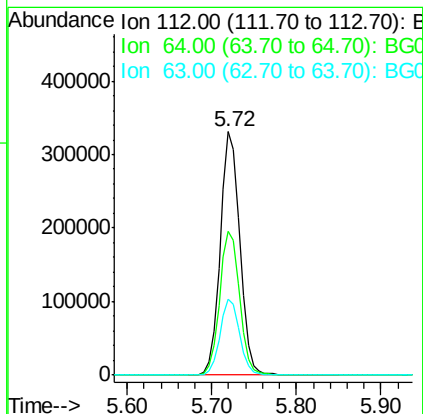
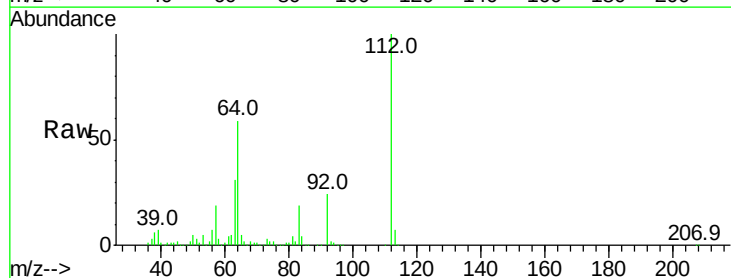
Tot Ion	Ratio	Lower	Upper
152	100		
150	154.8	126.6	189.8
115	55.4	53.0	79.4

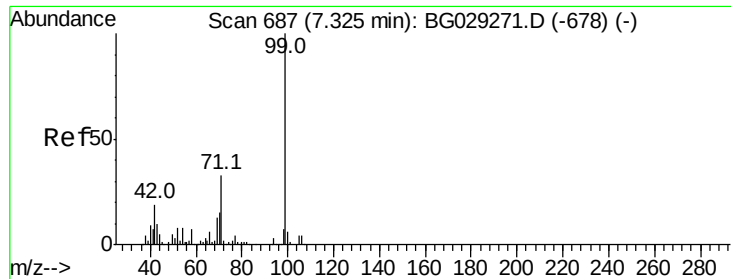


#5

2-Fluorophenol
Concen: 128.228 ng
RT: 5.72 min Scan# 414
Delta R.T. -0.00 min
Lab File: BG029289.D
Acq: 17 Oct 2017 2:44

Tgt Ion	Ratio	Lower	Upper
112	100		
64	59.3	56.3	84.5
63	31.2	30.1	45.1





#7

Phenol-d6

Concen: 115.718 ng

RT: 7.32 min Scan# 687

Delta R.T. -0.00 min

Lab File: BG029289.D

Acq: 17 Oct 2017 2:44

Instrument :

BNA_G

ClientSampleId :

OR-02-101317

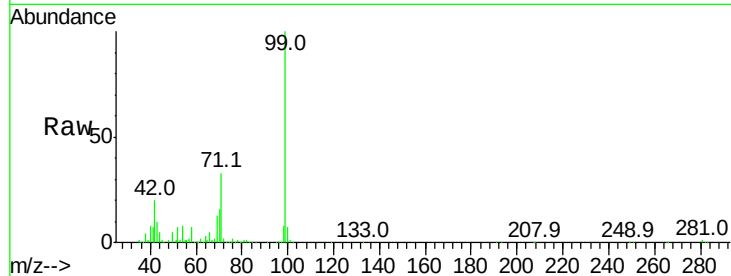
Tot Ion: 99 Resp: 676113

Ion Ratio Lower Upper

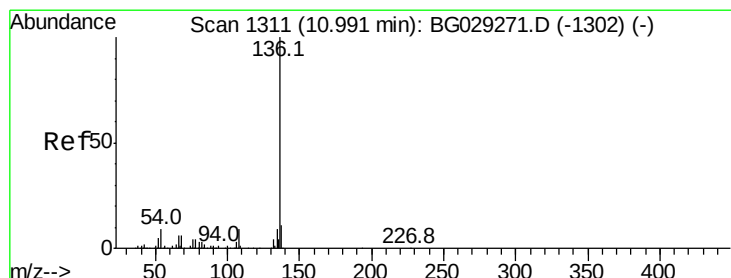
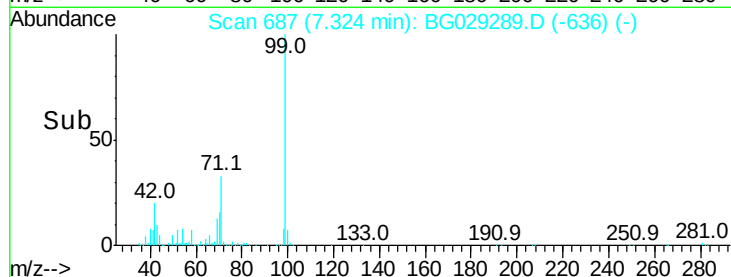
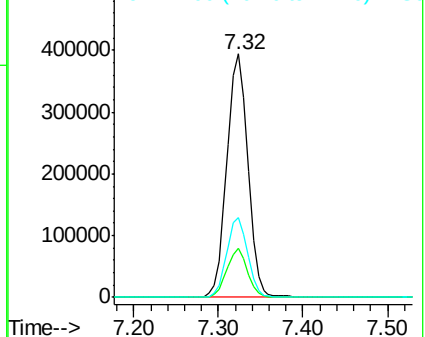
99 100

42 19.9 14.1 21.1

71 32.9 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: 20.000 ng

RT: 10.99 min Scan# 1311

Delta R.T. -0.00 min

Lab File: BG029289.D

Acq: 17 Oct 2017 2:44

Tgt Ion: 136 Resp: 339070

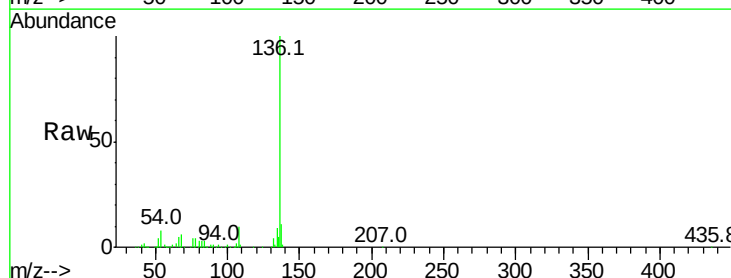
Ion Ratio Lower Upper

136 100

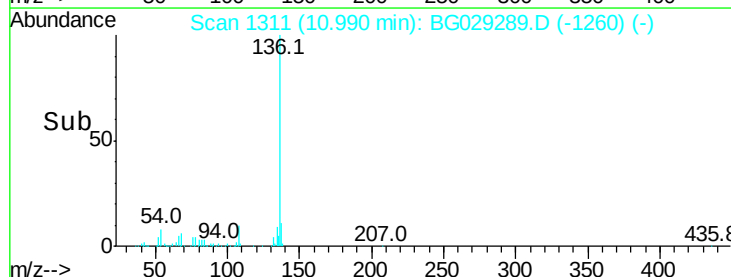
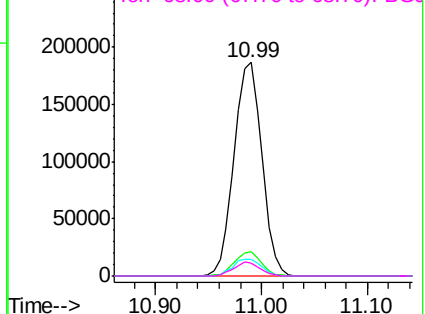
137 11.2 9.2 13.8

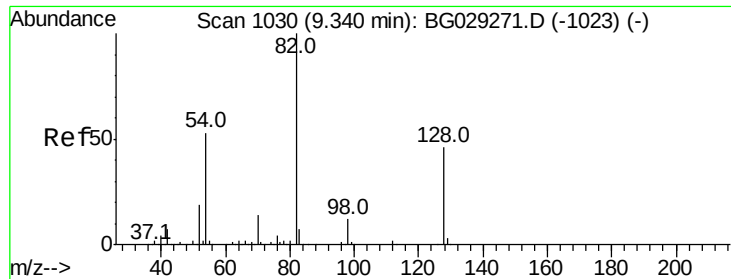
54 7.5 10.3 15.5#

68 5.7 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

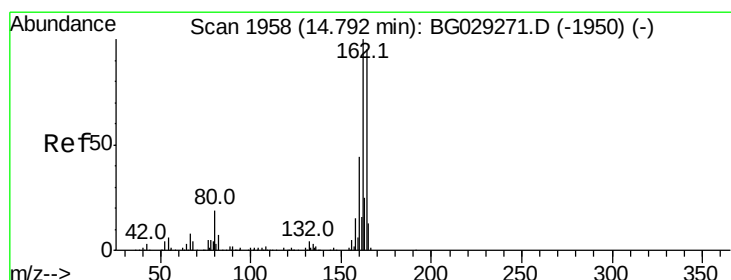
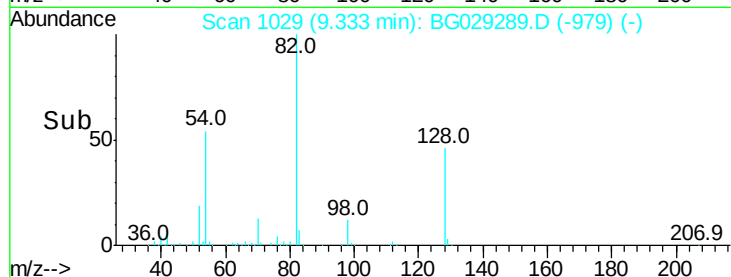
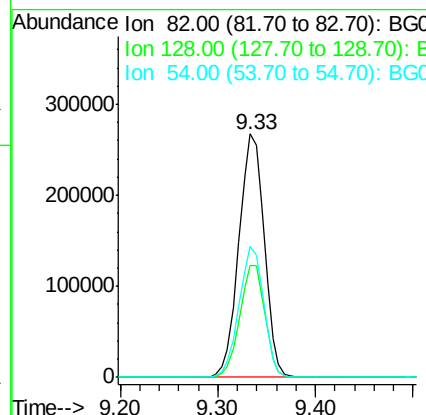
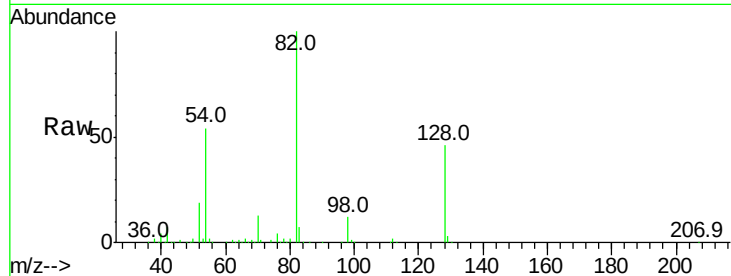




#23
Nitrobenzene-d5
Concen: 90.774 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG029289.D
Acq: 17 Oct 2017 2:44

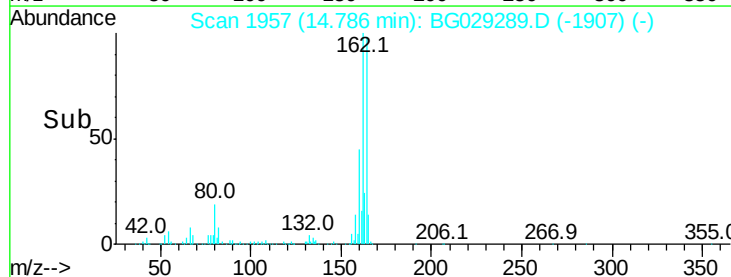
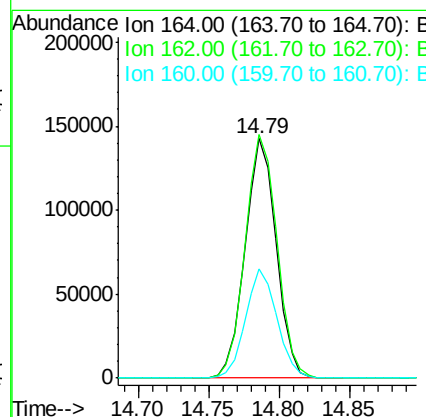
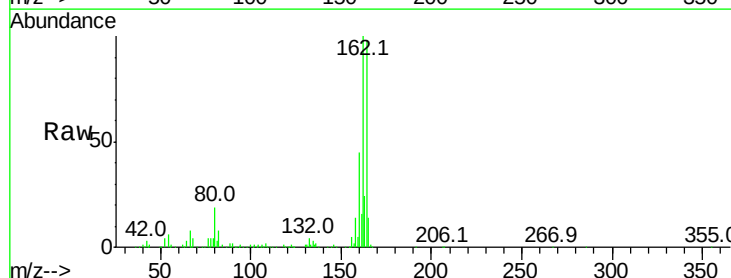
Instrument :
BNA_G
ClientSampleId :
OR-02-101317

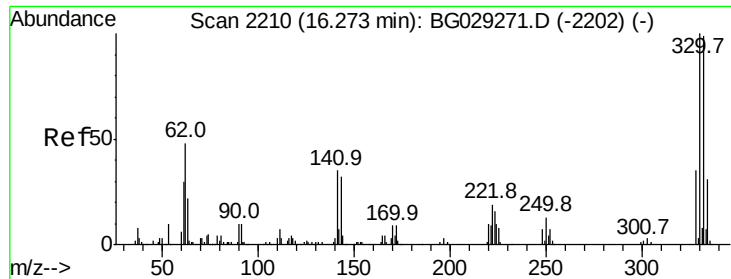
Tot Ion: 82 Resp: 484342
Ion Ratio Lower Upper
82 100
128 46.1 29.7 44.5#
54 53.8 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.79 min Scan# 1957
Delta R.T. -0.01 min
Lab File: BG029289.D
Acq: 17 Oct 2017 2:44

Tgt Ion:164 Resp: 219380
Ion Ratio Lower Upper
164 100
162 101.8 78.8 118.2
160 45.5 35.4 53.0

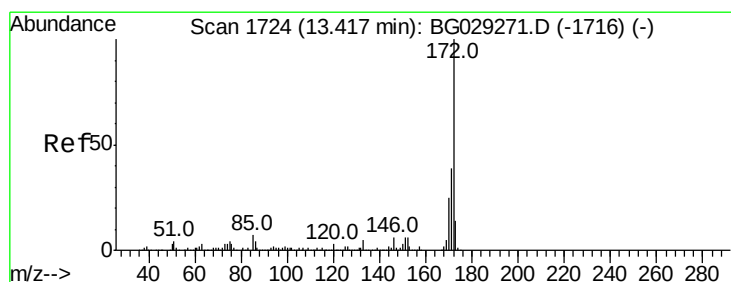
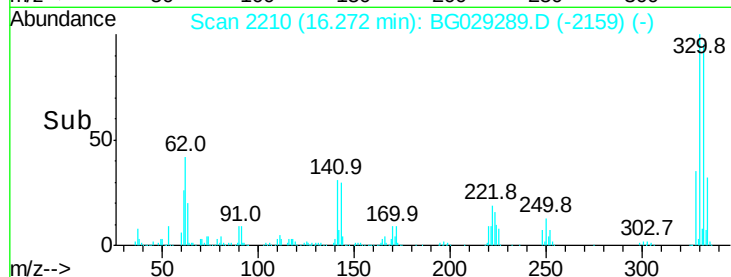
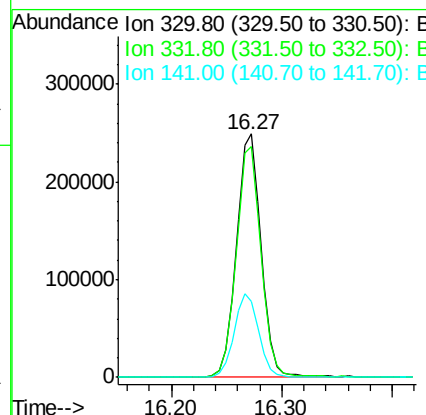
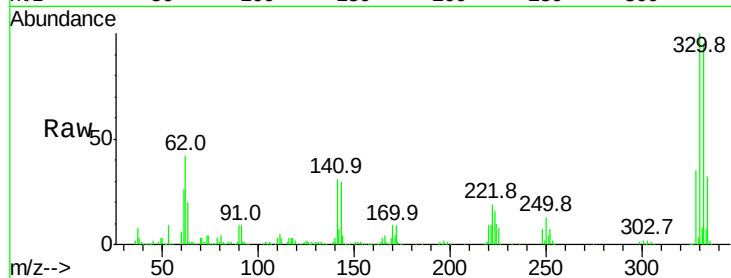




#41
 2,4,6-Tribromophenol
 Concen: 137.743 ng
 RT: 16.27 min Scan# 2210
 Delta R.T. -0.00 min
 Lab File: BG029289.D
 Acq: 17 Oct 2017 2:44

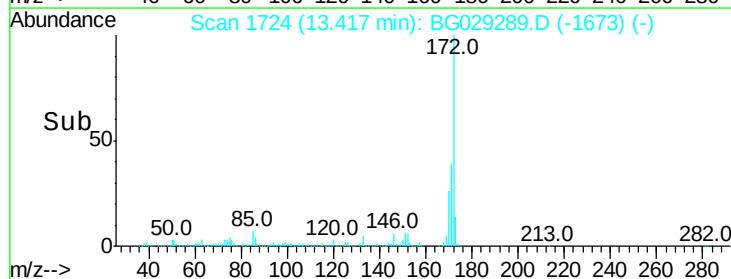
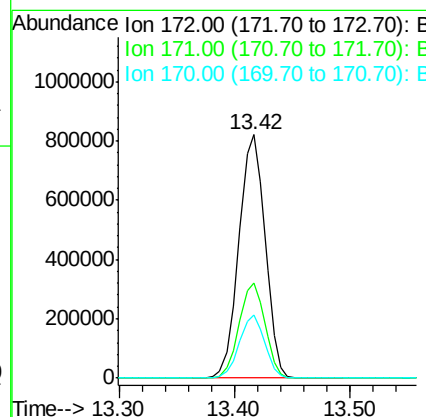
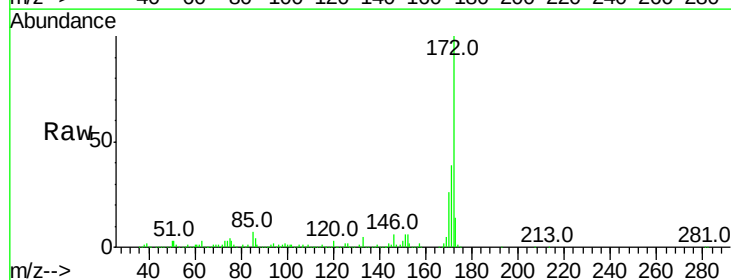
Instrument :
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 ClientSampleId :
 OR-02-101317

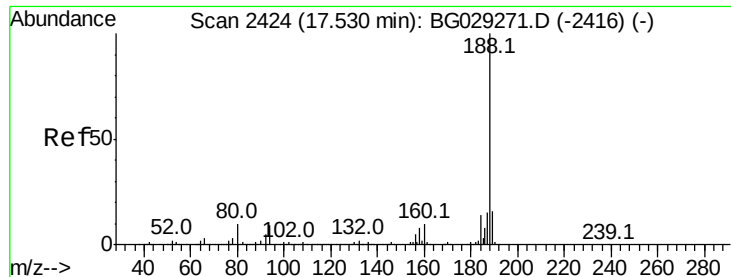
Tot Ion	Ratio	Lower	Upper
330	100		
332	95.5	77.0	115.6
141	34.5	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 86.384 ng
 RT: 13.42 min Scan# 1724
 Delta R.T. -0.00 min
 Lab File: BG029289.D
 Acq: 17 Oct 2017 2:44

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.8	30.0	45.0
170	25.9	19.5	29.3

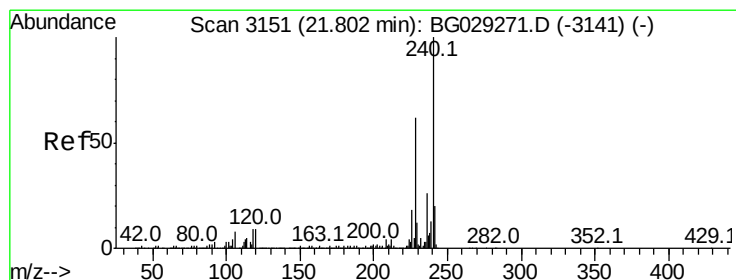
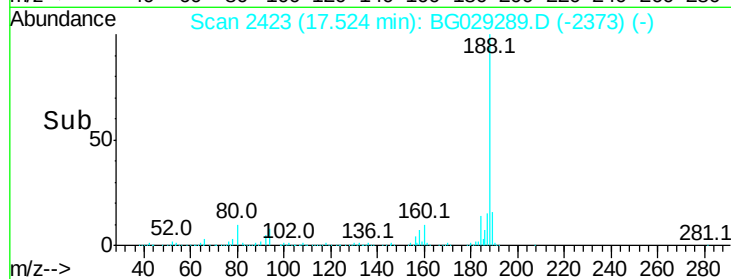
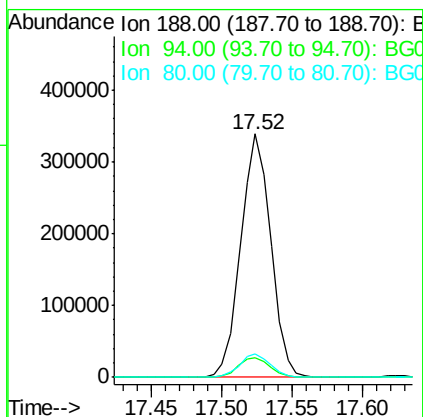
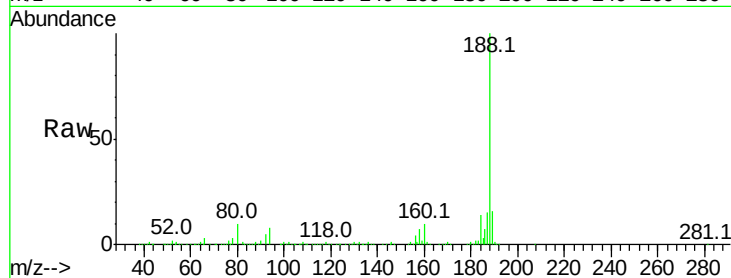




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.52 min Scan# 2423
Delta R.T. -0.01 min
Lab File: BG029289.D
Acq: 17 Oct 2017 2:44

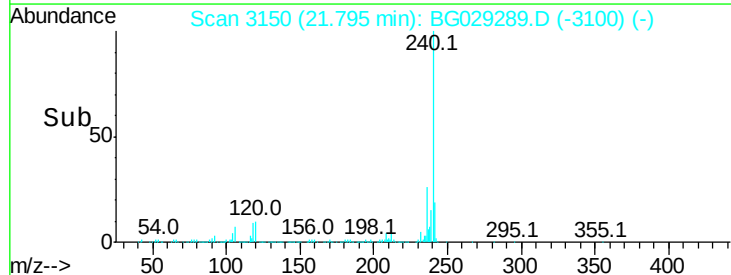
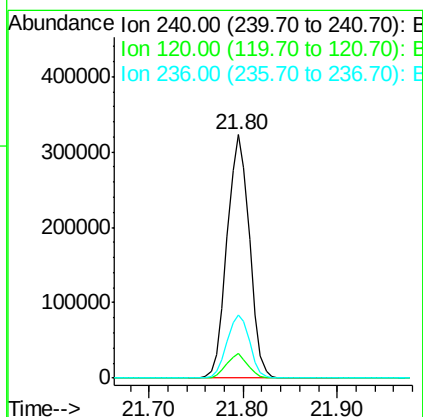
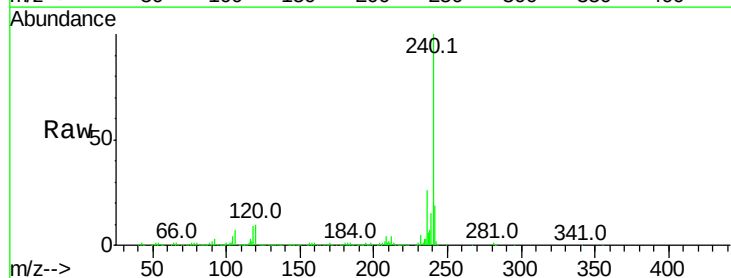
Instrument :
BNA_G
ClientSampleId :
OR-02-101317

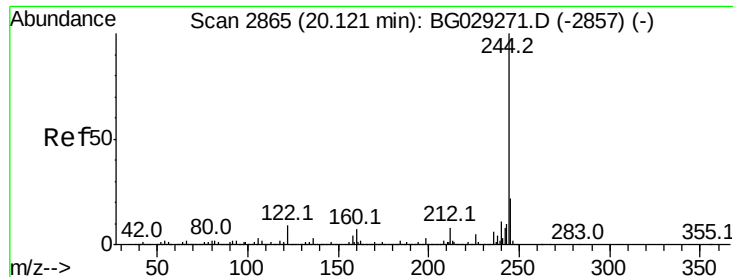
Tot Ion:188 Resp: 504077
Ion Ratio Lower Upper
188 100
94 8.0 6.9 10.3
80 9.9 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.80 min Scan# 3150
Delta R.T. -0.01 min
Lab File: BG029289.D
Acq: 17 Oct 2017 2:44

Tgt Ion:240 Resp: 534188
Ion Ratio Lower Upper
240 100
120 9.9 6.8 10.2
236 26.0 20.9 31.3



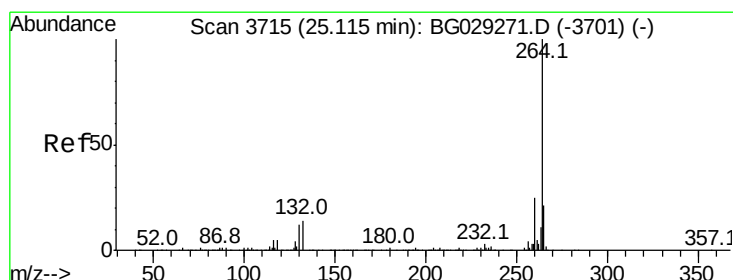
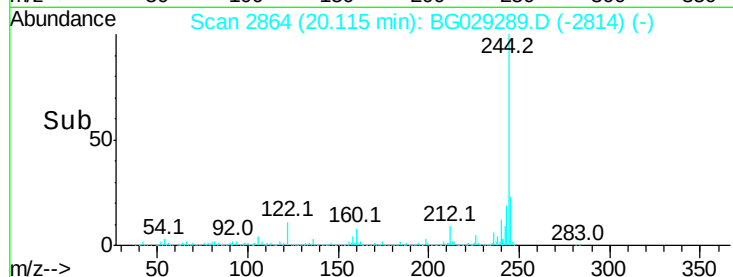
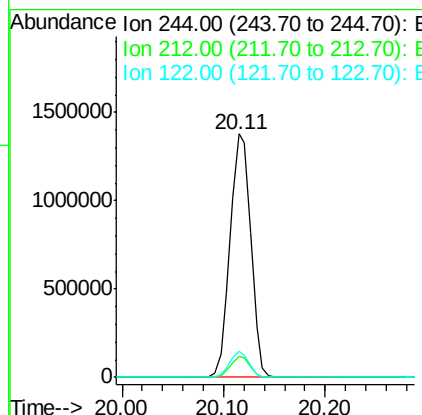
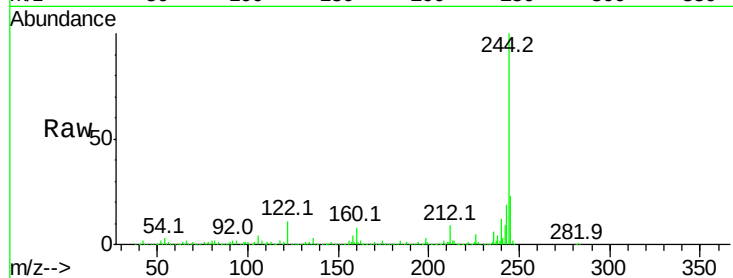


#78
 Terphenyl-d14
 Concen: 83.061 ng
 RT: 20.11 min Scan# 2864
 Delta R.T. -0.01 min
 Lab File: BG029289.D
 Acq: 17 Oct 2017 2:44

Instrument :
 BNA_G
 ClientSampleId :
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Tot Ion:244 Resp: 1950398

Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	10.6	7.0	10.4



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.11 min Scan# 3714
 Delta R.T. -0.01 min
 Lab File: BG029289.D
 Acq: 17 Oct 2017 2:44

Tgt Ion:264 Resp: 472248

Ion	Ratio	Lower	Upper
264	100		
260	25.0	17.4	26.0
265	22.2	17.7	26.5

