

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG102717\
 Data File : BG030497.D
 Acq On : 27 Oct 2017 14:47
 Operator : SJ/JU
 Sample : I6024-14
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 27 16:16:07 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

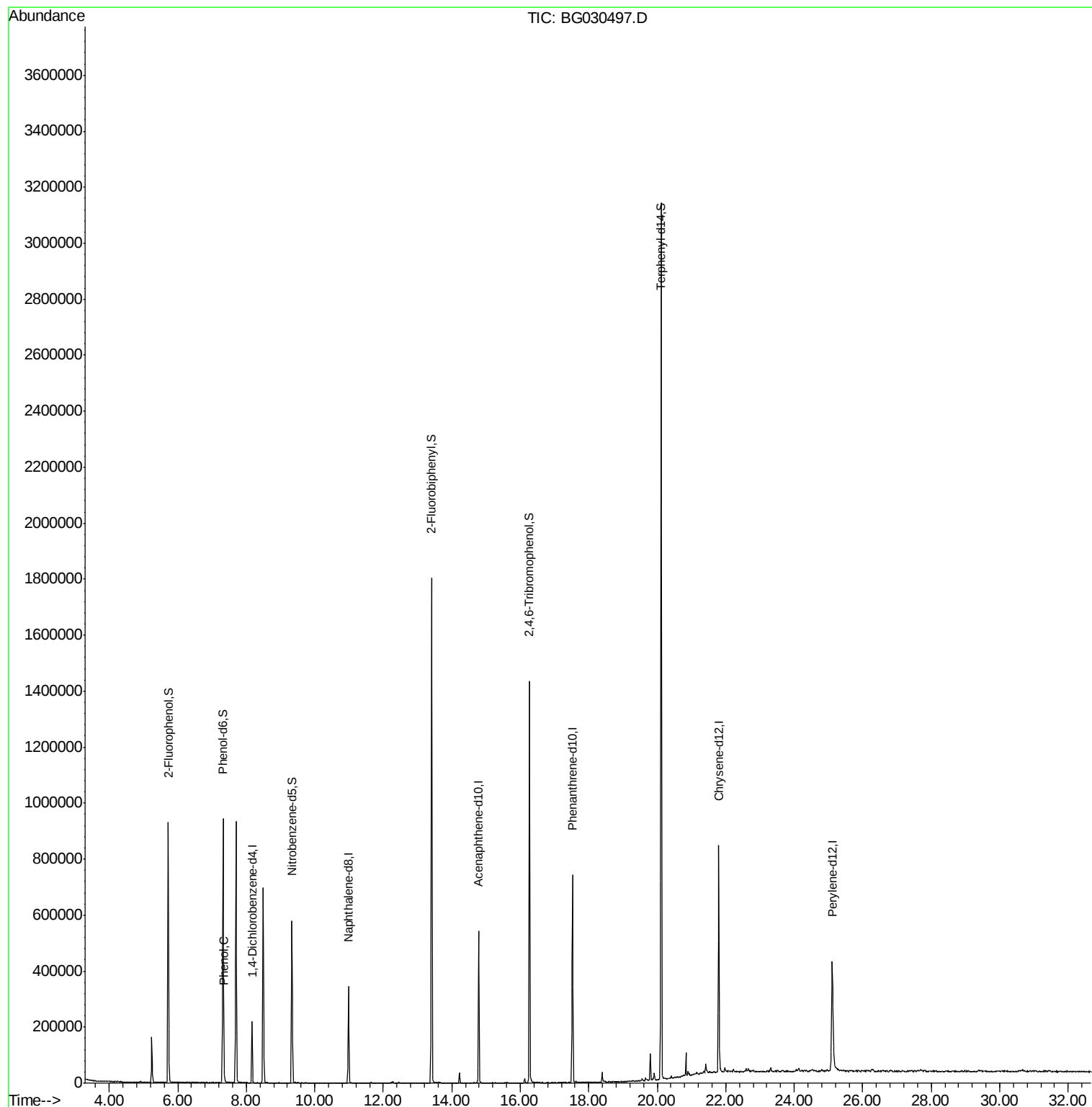
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	63009	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	303052	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	196211	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	460913	20.00	ng	0.00
75) Chrysene-d12	21.80	240	487327	20.00	ng	0.00
86) Perylene-d12	25.11	264	483252	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.72	112	426297	113.02	ng	0.00
7) Phenol-d6	7.32	99	582419	110.01	ng	0.00
23) Nitrobenzene-d5	9.33	82	351612	73.73	ng	0.00
41) 2,4,6-Tribromophenol	16.27	330	278799	110.05	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	963097	71.99	ng	0.00
78) Terphenyl-d14	20.12	244	1457459	68.04	ng	0.00
Target Compounds						
10) Phenol	7.35	94	14999	2.628	ng	Qvalue 88

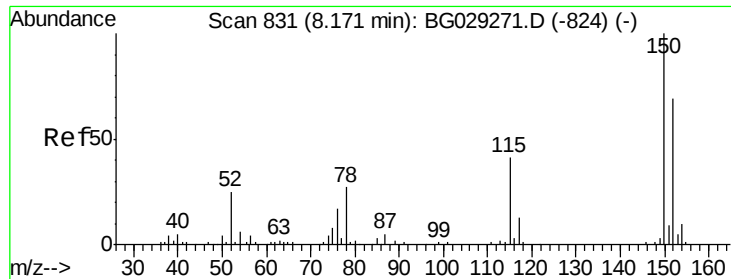
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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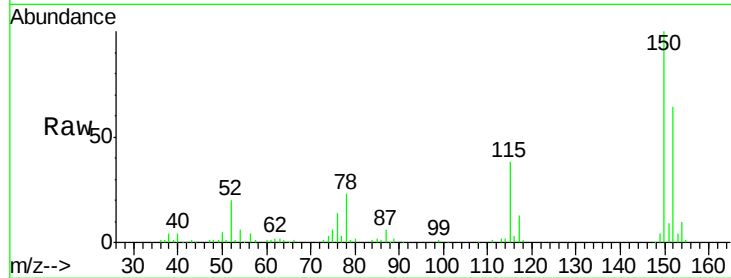


#1

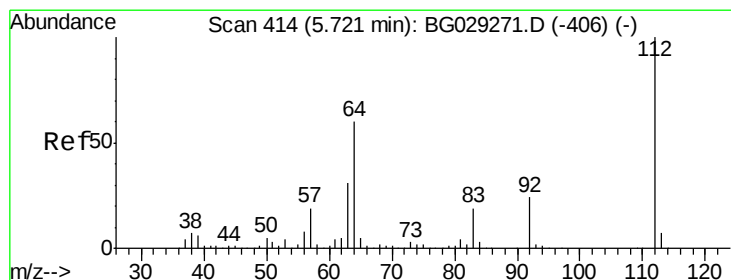
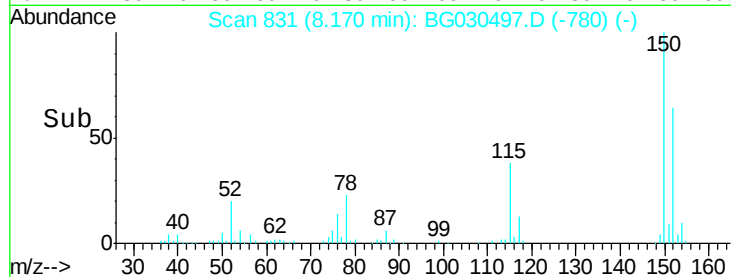
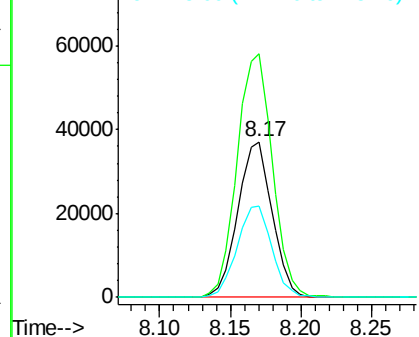
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.17 min Scan# 831
Delta R.T. -0.00 min
Lab File: BG030497.D
Acq: 27 Oct 2017 14:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:152 Resp: 63009
Ion Ratio Lower Upper
152 100
150 156.2 126.6 189.8
115 58.9 53.0 79.4



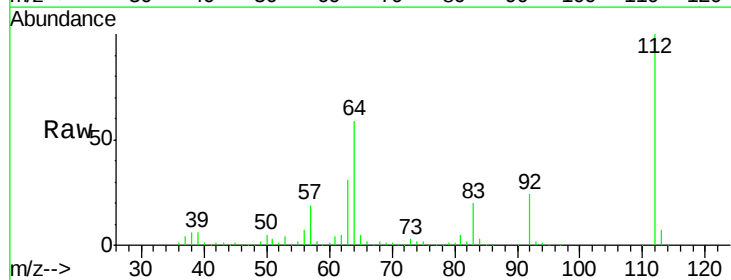
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



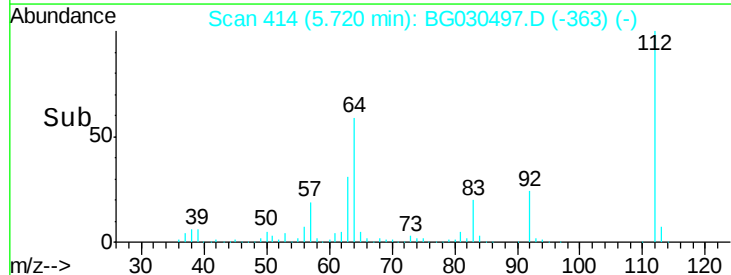
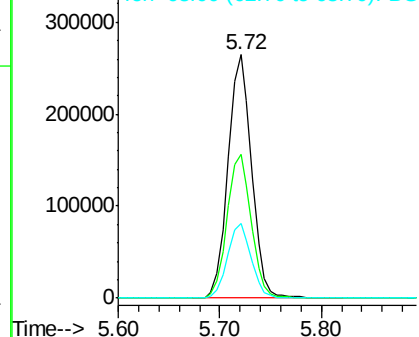
#5

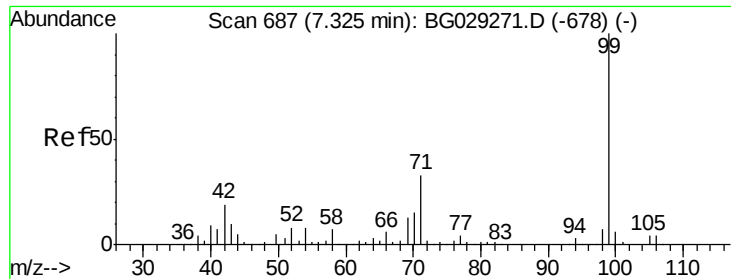
2-Fluorophenol
Concen: 113.024 ng
RT: 5.72 min Scan# 414
Delta R.T. 0.00 min
Lab File: BG030497.D
Acq: 27 Oct 2017 14:47

Tgt Ion:112 Resp: 426297
Ion Ratio Lower Upper
112 100
64 59.0 56.3 84.5
63 30.6 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: 110.010 ng

RT: 7.32 min Scan# 686

Delta R.T. -0.01 min

Lab File: BG030497.D

Acq: 27 Oct 2017 14:47

Instrument :

BNA_G

ClientSampleId :

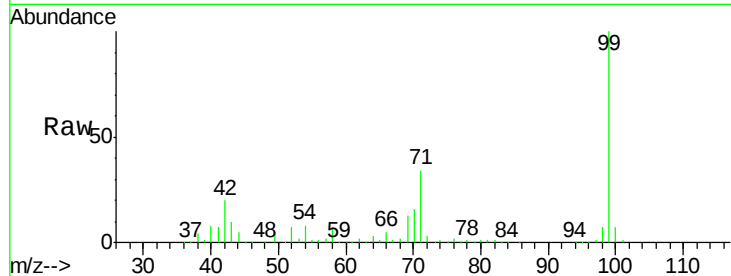
Tgt Ion: 99 Resp: 582419

Ion Ratio Lower Upper

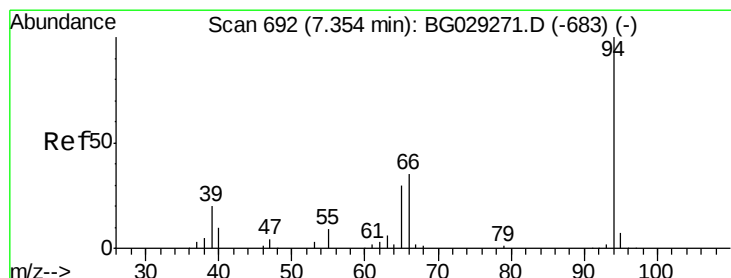
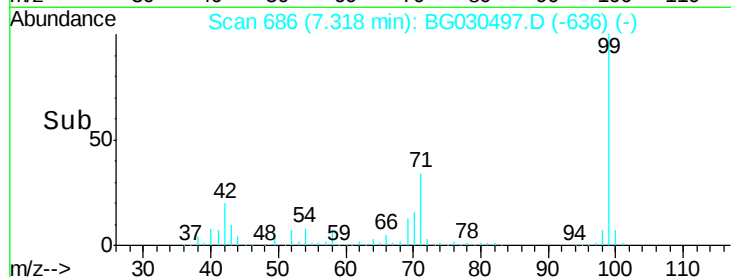
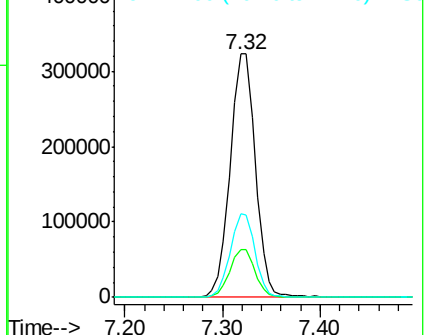
99 100

42 19.6 14.1 21.1

71 34.2 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



#10

Phenol

Concen: 2.628 ng

RT: 7.35 min Scan# 691

Delta R.T. -0.01 min

Lab File: BG030497.D

Acq: 27 Oct 2017 14:47

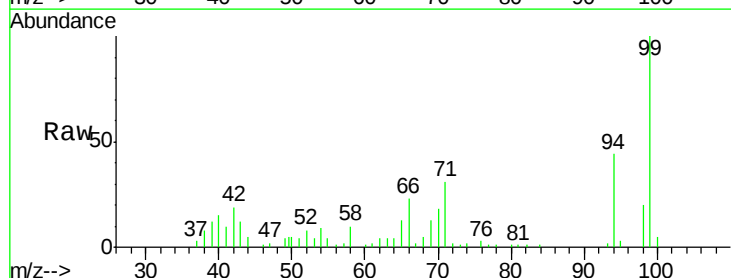
Tgt Ion: 94 Resp: 14999

Ion Ratio Lower Upper

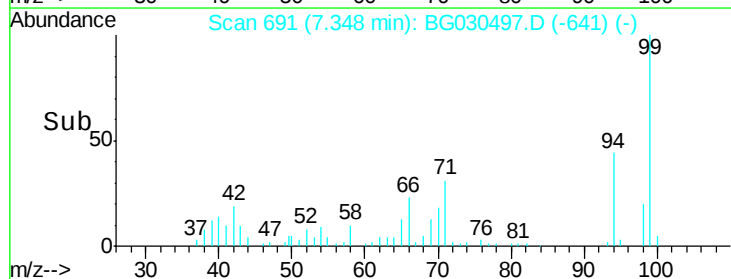
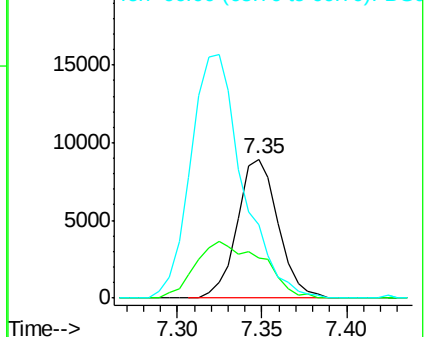
94 100

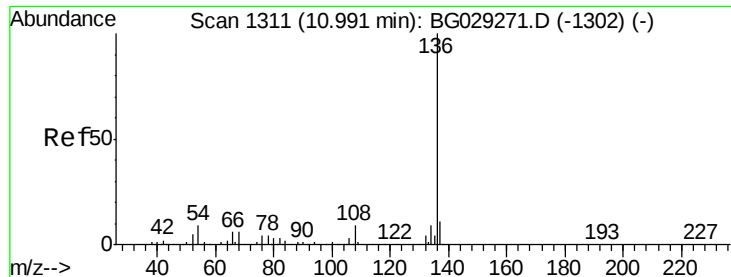
65 28.7 11.9 51.9

66 52.6 22.2 62.2



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

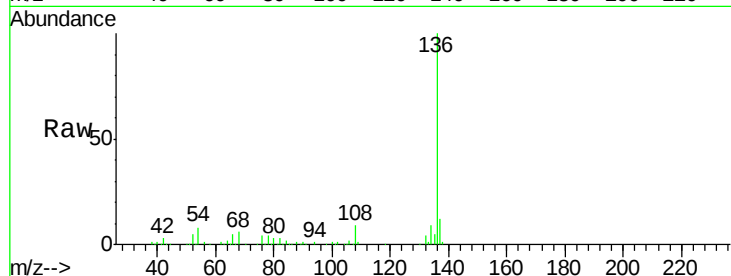




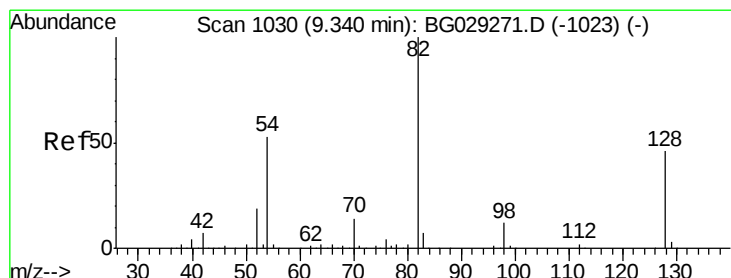
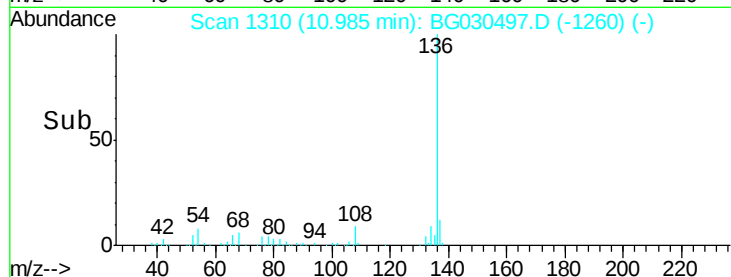
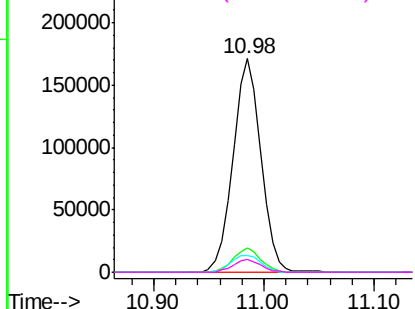
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.98 min Scan# 1310
Delta R.T. -0.01 min
Lab File: BG030497.D
Acq: 27 Oct 2017 14:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion:	136	Resp:	303052
Ion	Ratio	Lower	Upper
136	100		
137	11.5	9.2	13.8
54	8.0	10.3	15.5#
68	5.8	4.5	6.7

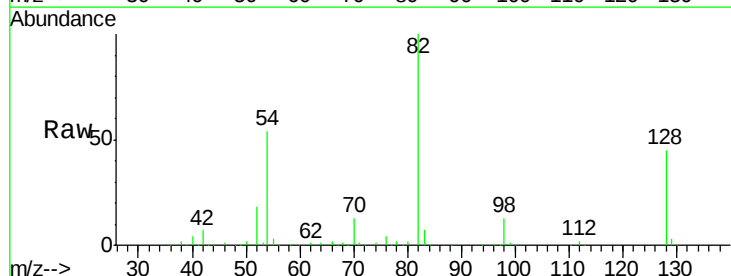


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

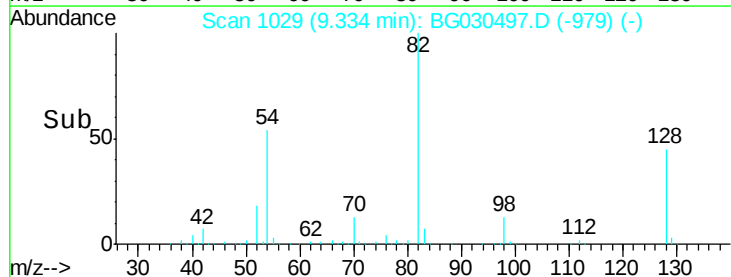
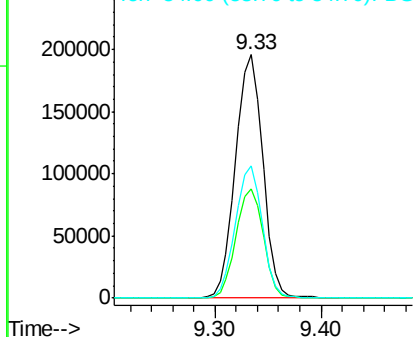


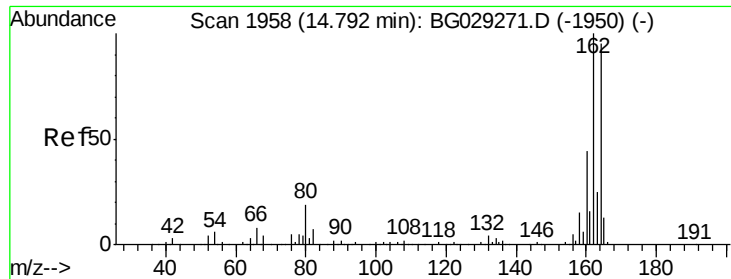
#23
Nitrobenzene-d5
Concen: 73.730 ng
RT: 9.33 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG030497.D
Acq: 27 Oct 2017 14:47

Tgt Ion:	82	Resp:	351612
Ion	Ratio	Lower	Upper
82	100		
128	44.9	29.7	44.5#
54	54.2	43.1	64.7



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC





#38

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.79 min Scan# 1957

Delta R.T. -0.01 min

Lab File: BG030497.D

Acq: 27 Oct 2017 14:47

Instrument :

BNA_G

ClientSampleId :

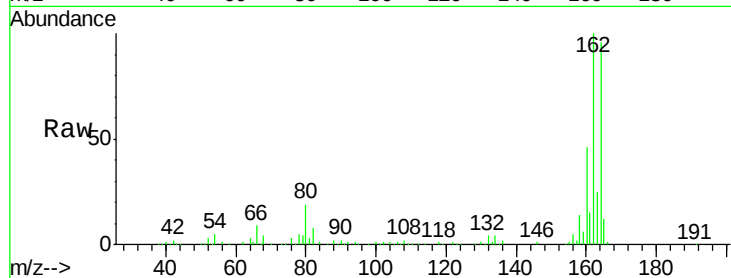
Tgt Ion:164 Resp: 196211

Ion Ratio Lower Upper

164 100

162 104.4 78.8 118.2

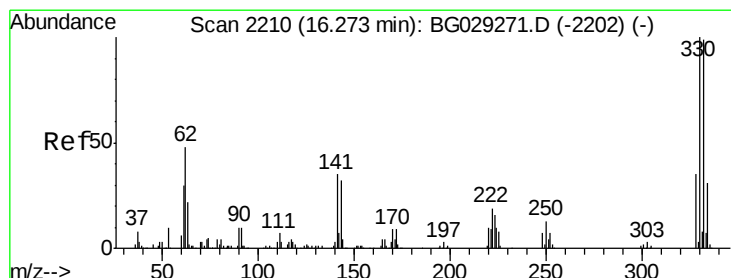
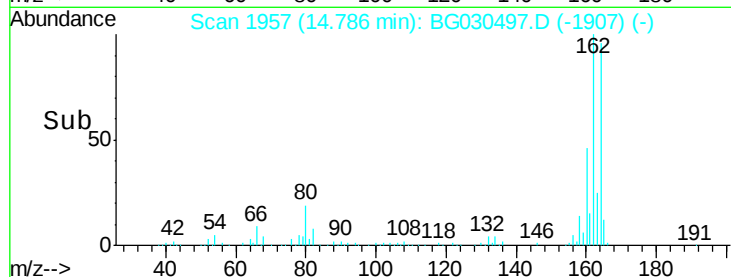
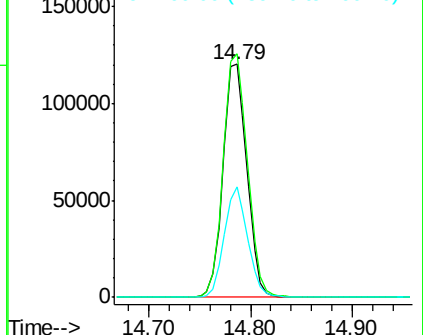
160 47.5 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#41

2,4,6-Tribromophenol

Concen: 110.054 ng

RT: 16.27 min Scan# 2209

Delta R.T. -0.01 min

Lab File: BG030497.D

Acq: 27 Oct 2017 14:47

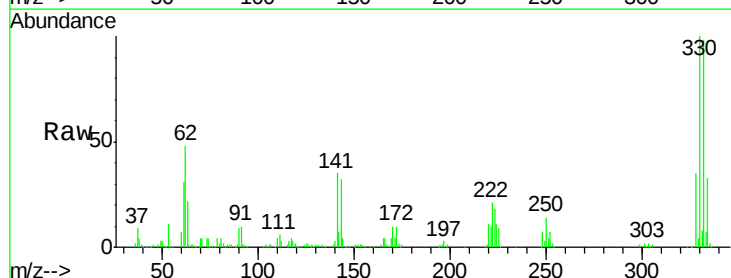
Tgt Ion:330 Resp: 278799

Ion Ratio Lower Upper

330 100

332 96.9 77.0 115.6

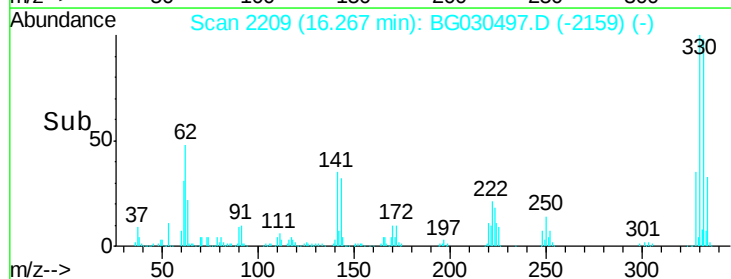
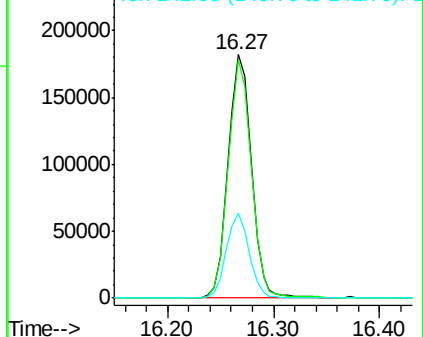
141 34.2 25.2 37.8

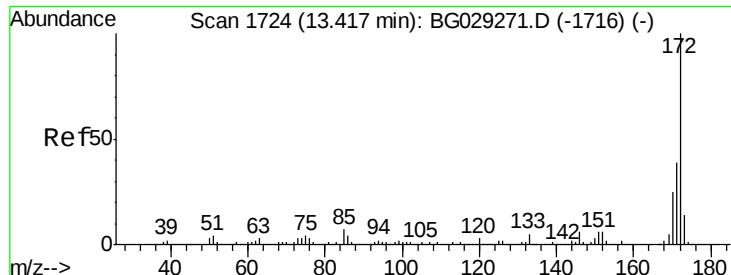


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

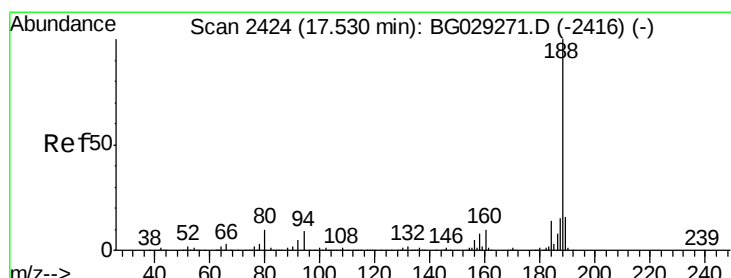
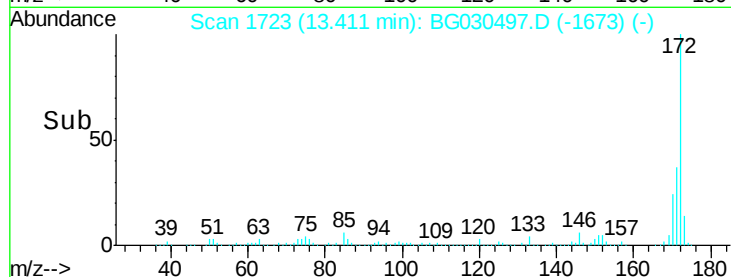
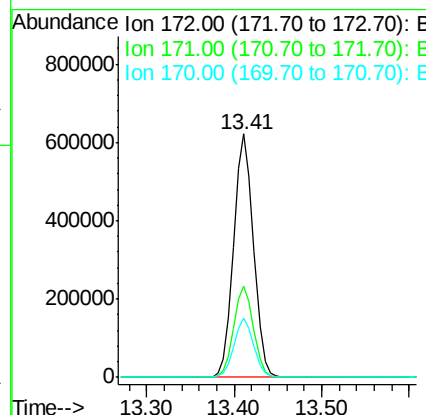
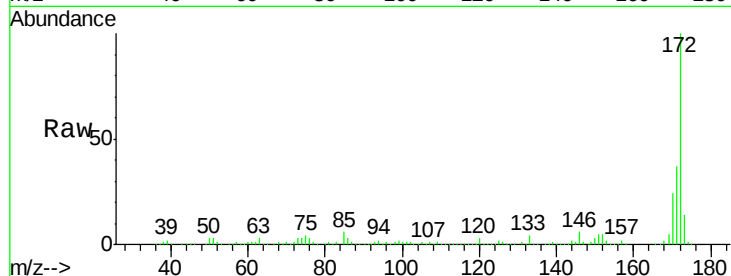




#44
 2-Fluorobiphenyl
 Concen: 71.990 ng
 RT: 13.41 min Scan# 1723
 Delta R.T. -0.01 min
 Lab File: BG030497.D
 Acq: 27 Oct 2017 14:47

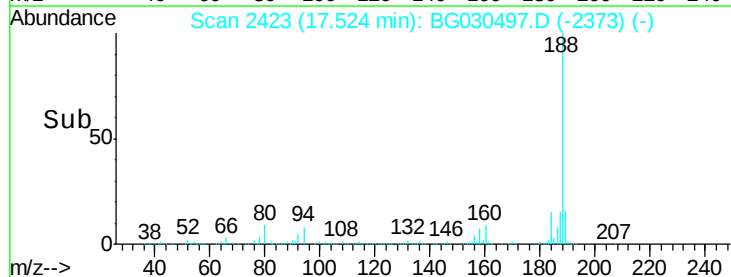
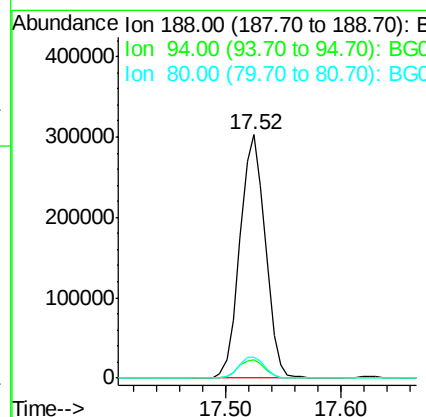
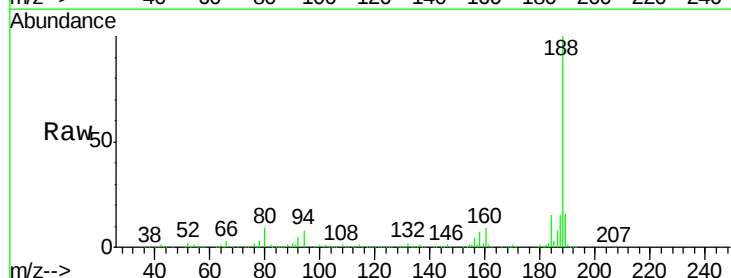
Instrument :
 BNA_G
 ClientSampleId :

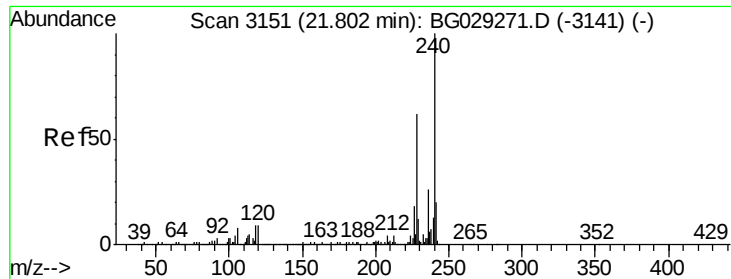
Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.3	30.0	45.0
170	24.5	19.5	29.3



#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.52 min Scan# 2423
 Delta R.T. -0.01 min
 Lab File: BG030497.D
 Acq: 27 Oct 2017 14:47

Tgt Ion	Ratio	Lower	Upper
188	100		
94	7.6	6.9	10.3
80	8.8	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: BG030497.D

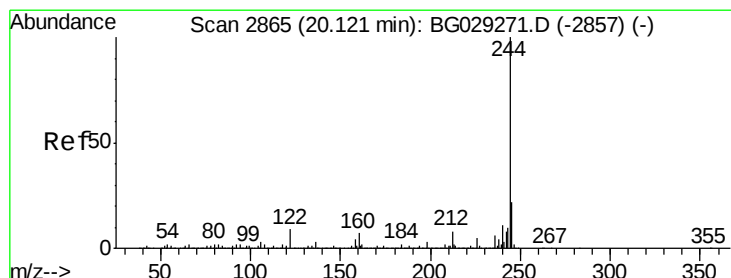
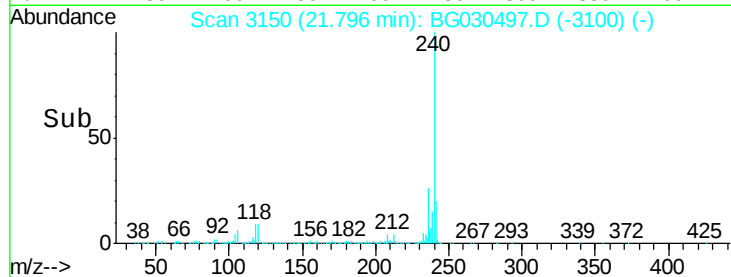
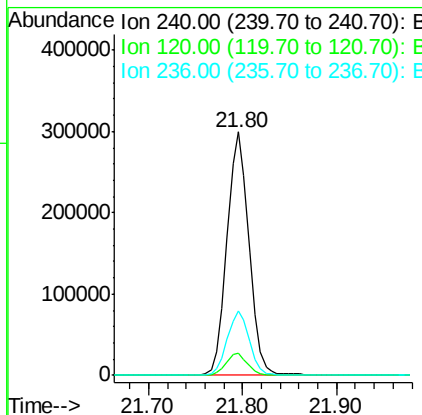
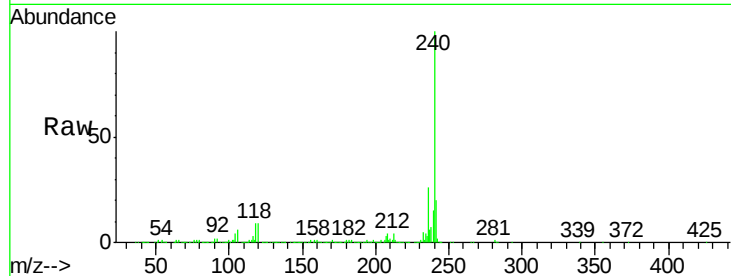
Acq: 27 Oct 2017 14:47

Instrument :

BNA_G

ClientSampleId :

Tgt Ion:	240	Resp:	487327
Ion	Ratio	Lower	Upper
240	100		
120	8.9	6.8	10.2
236	26.2	20.9	31.3



#78

Terphenyl-d14

Concen: 68.037 ng

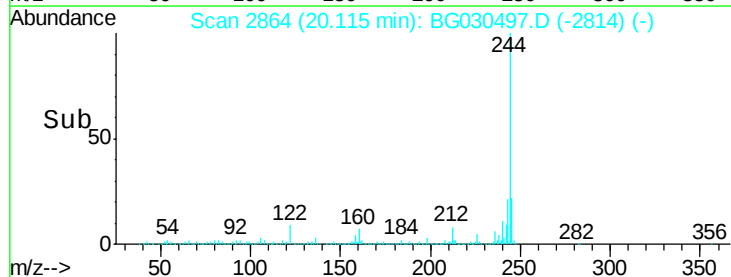
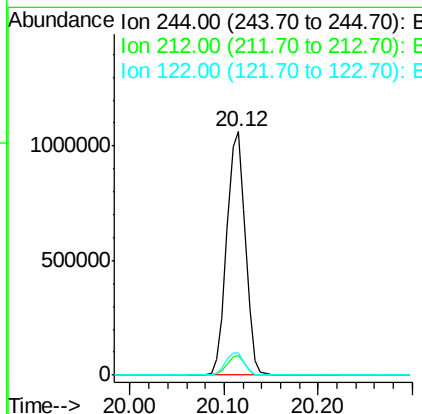
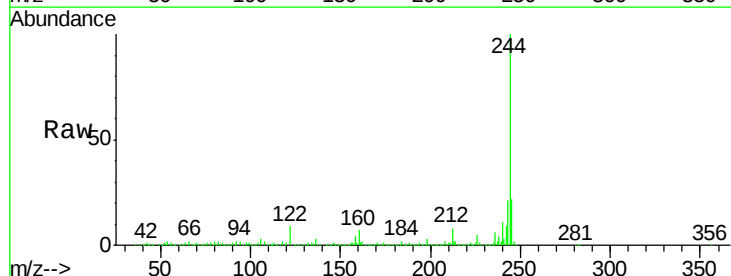
RT: 20.12 min Scan# 2864

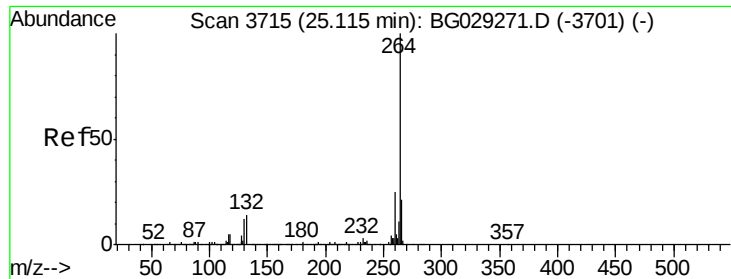
Delta R.T. -0.01 min

Lab File: BG030497.D

Acq: 27 Oct 2017 14:47

Tgt Ion:	244	Resp:	1457459
Ion	Ratio	Lower	Upper
244	100		
212	7.9	5.8	8.8
122	9.3	7.0	10.4

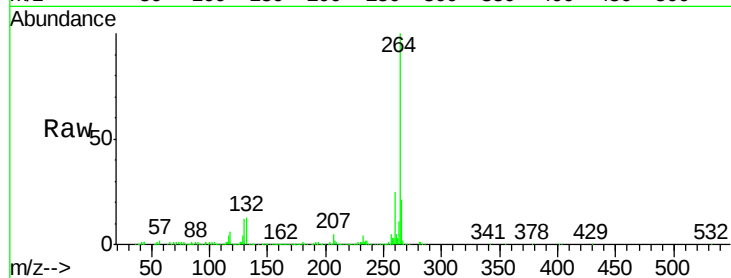




#86
Perylene-d12
Concen: 20.000 ng
RT: 25.11 min Scan# 3714
Delta R.T. -0.01 min
Lab File: BG030497.D
Acq: 27 Oct 2017 14:47

Instrument :
BNA_G
ClientSampleId :

Tgt Ion	Ratio	Lower	Upper
264	100		
260	24.8	17.4	26.0
265	21.3	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

