

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030949.D
 Acq On : 11 Nov 2017 18:23
 Operator : SJ/JU
 Sample : I6339-02
 Misc :
 ALS Vial : 34 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 A017

Quant Time: Nov 13 04:30:49 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.14	152	53598	20.00	ng	-0.01
21) Naphthalene-d8	10.95	136	250537	20.00	ng	-0.01
38) Acenaphthene-d10	14.76	164	169045	20.00	ng	-0.02
63) Phenanthrene-d10	17.50	188	383569	20.00	ng	-0.01
75) Chrysene-d12	21.78	240	444111	20.00	ng	0.00
86) Perylene-d12	25.10	264	465479	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	198371	63.46	ng	0.00
7) Phenol-d6	7.31	99	162955	38.70	ng	0.00
23) Nitrobenzene-d5	9.31	82	382159	90.39	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	378890	138.55	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	1183215	100.57	ng	-0.01
78) Terphenyl-d14	20.10	244	1835492	91.26	ng	0.00

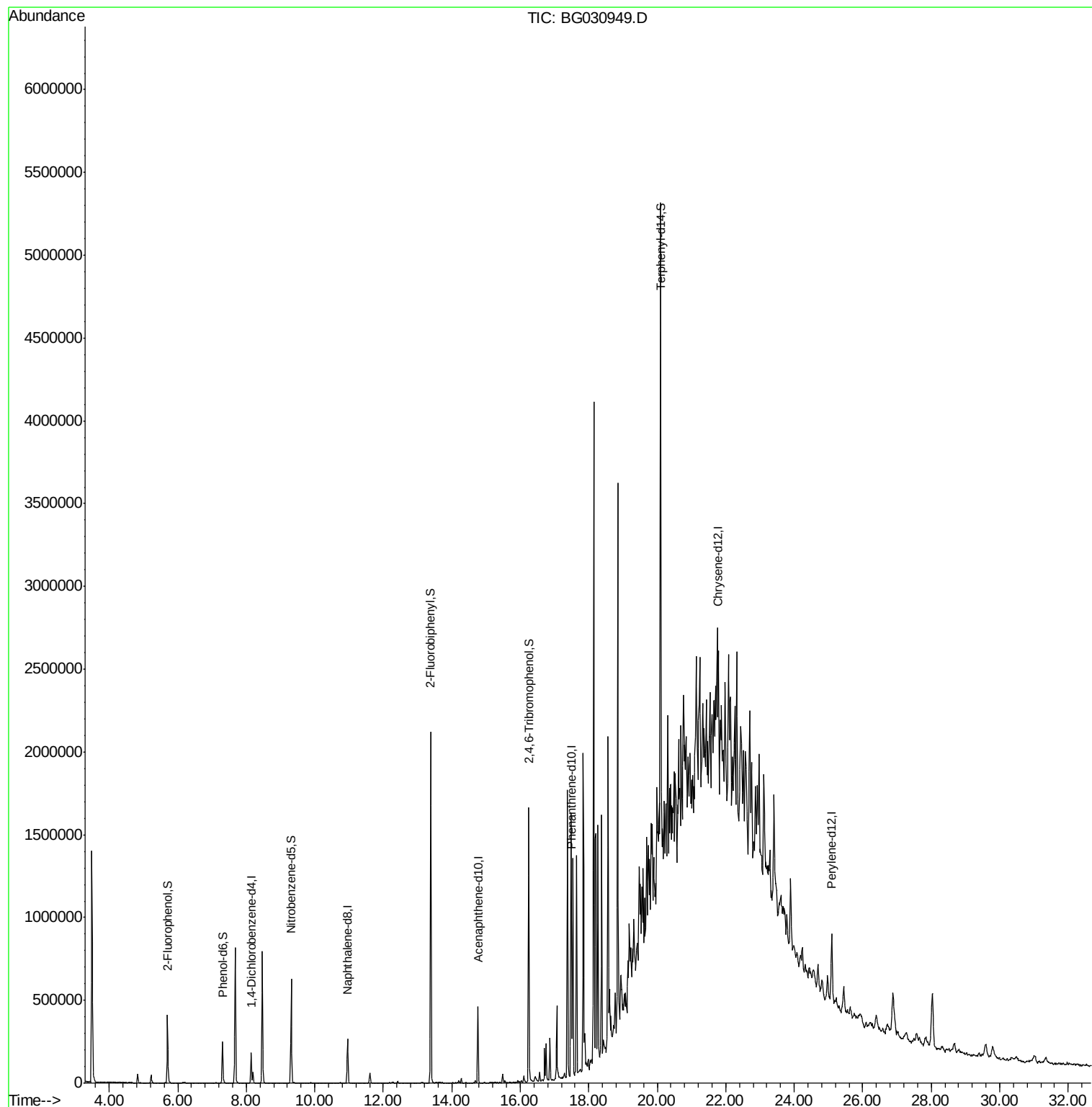
Target Compounds Qvalue

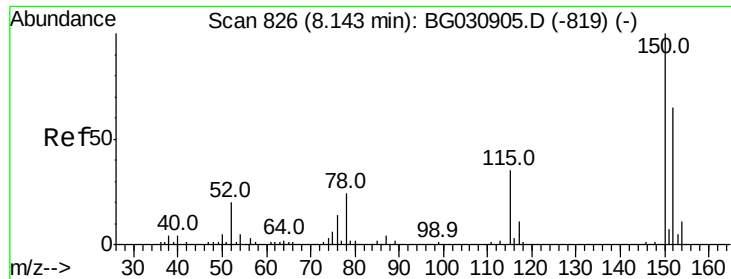
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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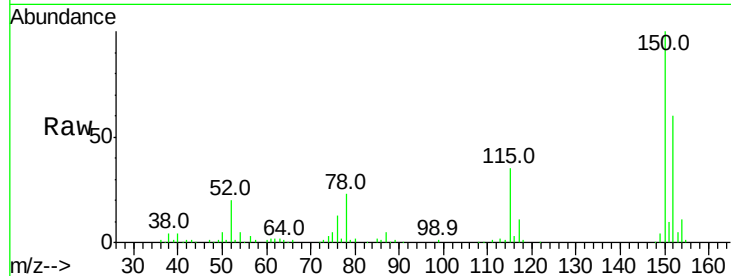


#1

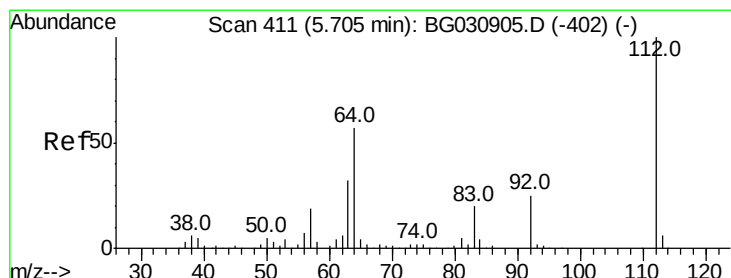
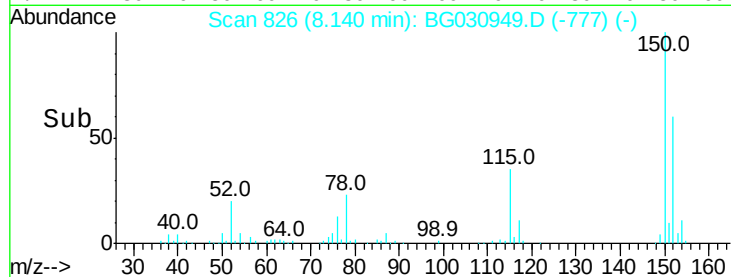
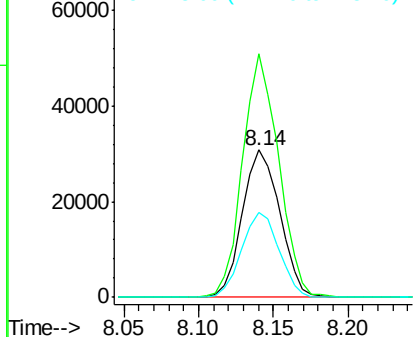
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.14 min Scan# 826
 Delta R.T. -0.01 min
 Lab File: BG030949.D
 Acq: 11 Nov 2017 18:23

Instrument :
 BNA_G
 ClientSampleId :
 A017

Tot Ion:152 Resp: 53598
 Ion Ratio Lower Upper
 152 100
 150 165.5 126.6 189.8
 115 57.4 53.0 79.4



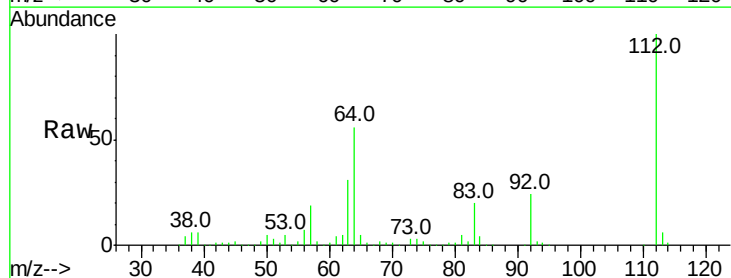
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



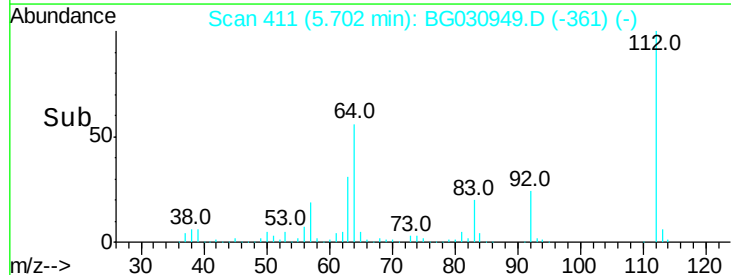
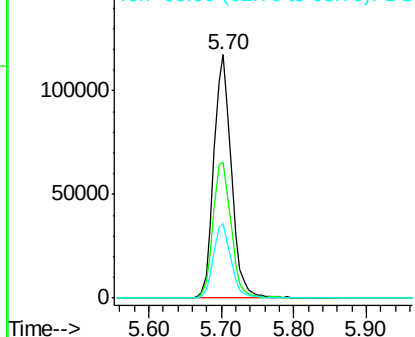
#5

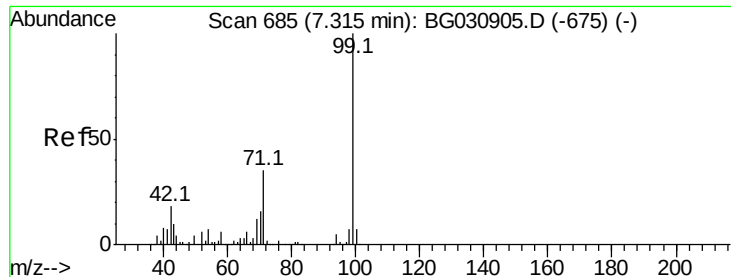
2-Fluorophenol
 Concen: 63.465 ng
 RT: 5.70 min Scan# 411
 Delta R.T. -0.01 min
 Lab File: BG030949.D
 Acq: 11 Nov 2017 18:23

Tgt Ion:112 Resp: 198371
 Ion Ratio Lower Upper
 112 100
 64 56.1 56.3 84.5#
 63 30.7 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: 38.698 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030949.D

Acq: 11 Nov 2017 18:23

Instrument :

BNA_G

ClientSampleId :

A017

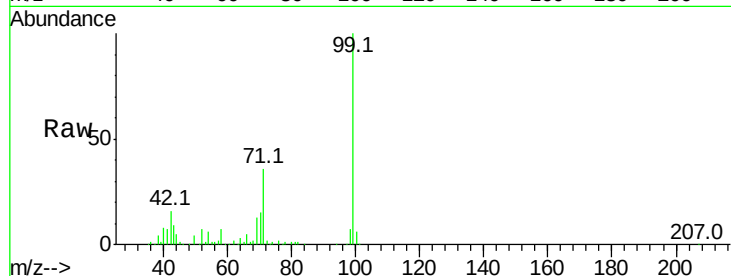
Tot Ion: 99 Resp: 162955

Ion Ratio Lower Upper

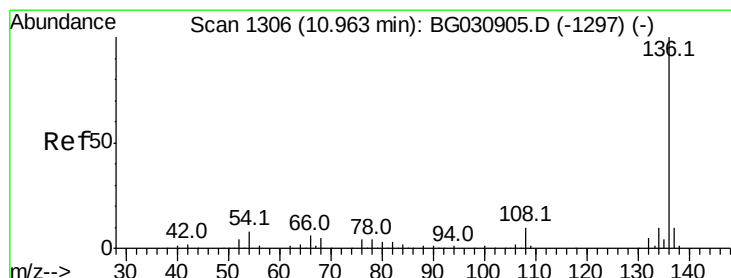
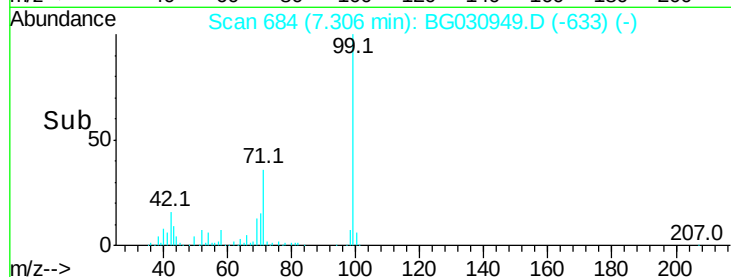
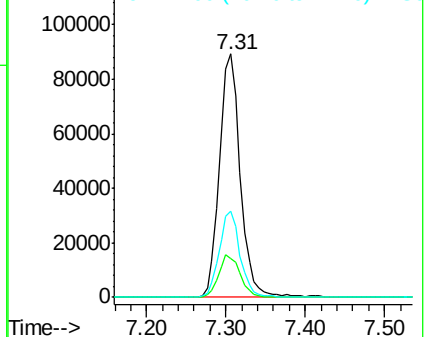
99 100

42 16.0 14.1 21.1

71 35.6 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: 10.95 min Scan# 1305

Delta R.T. -0.01 min

Lab File: BG030949.D

Acq: 11 Nov 2017 18:23

Tgt Ion: 136 Resp: 250537

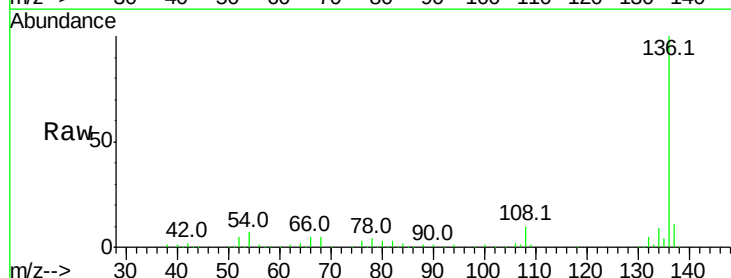
Ion Ratio Lower Upper

136 100

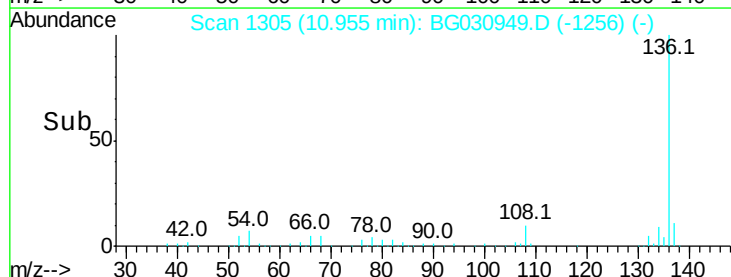
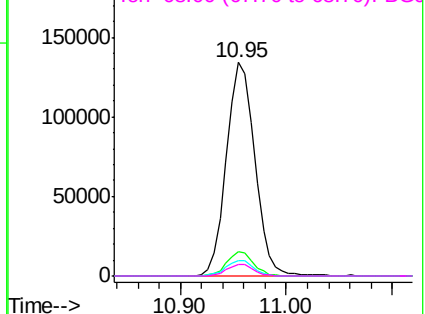
137 11.3 9.2 13.8

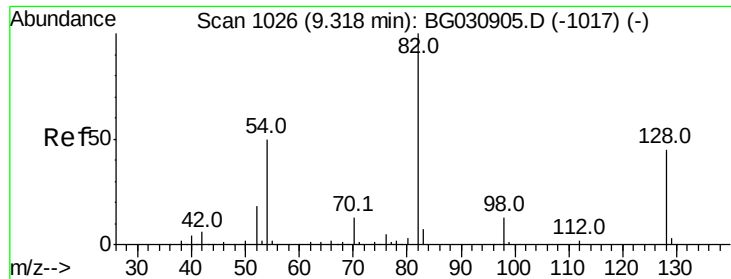
54 7.4 10.3 15.5#

68 5.1 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

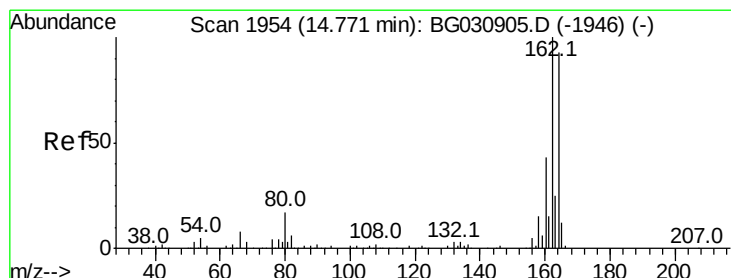
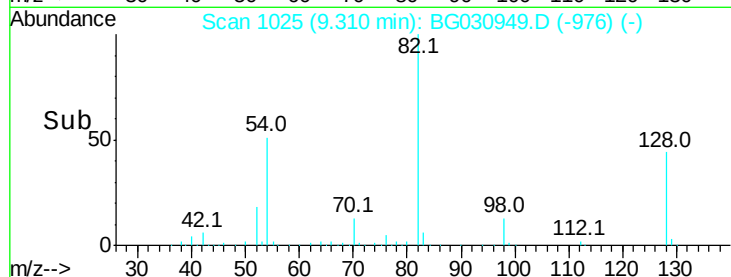
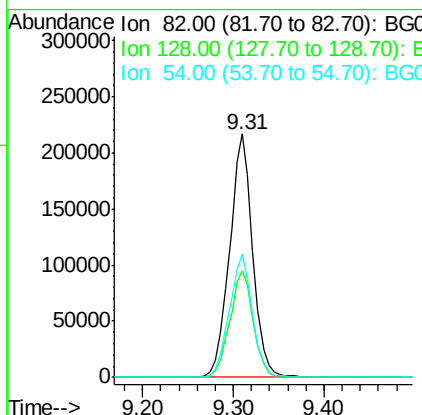
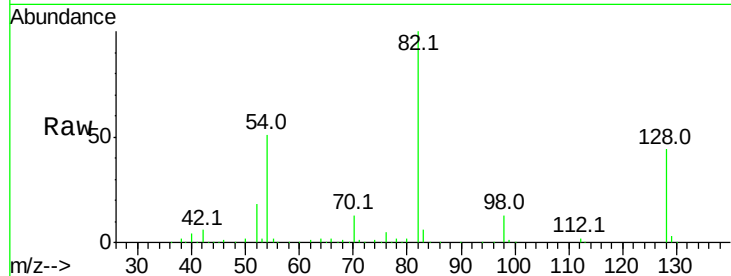




#23
 Nitrobenzene-d5
 Concen: 90.387 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG030949.D
 Acq: 11 Nov 2017 18:23

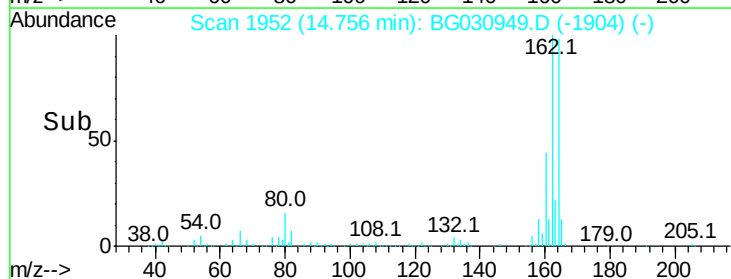
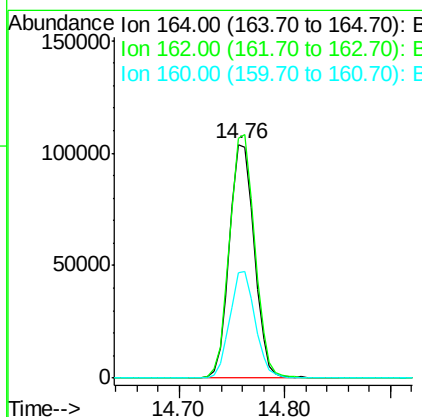
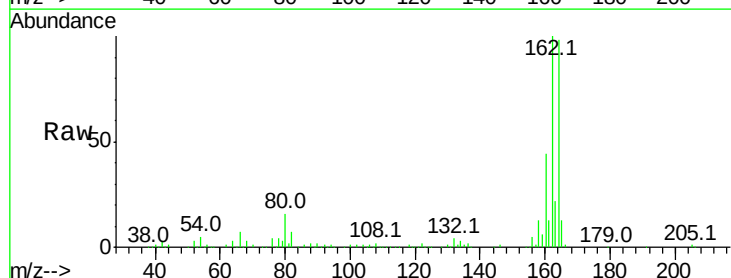
Instrument :
 BNA_G
 ClientSampleId :
 A017

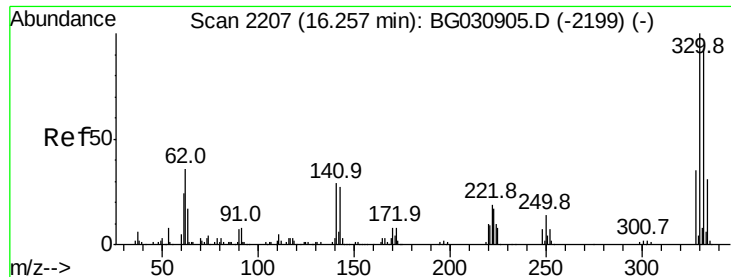
Tot Ion	Ratio	Lower	Upper
82	100		
128	43.7	29.7	44.5
54	50.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1952
 Delta R.T. -0.02 min
 Lab File: BG030949.D
 Acq: 11 Nov 2017 18:23

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.5	78.8	118.2
160	45.0	35.4	53.0

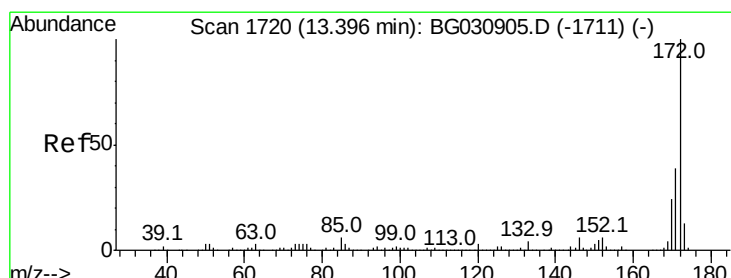
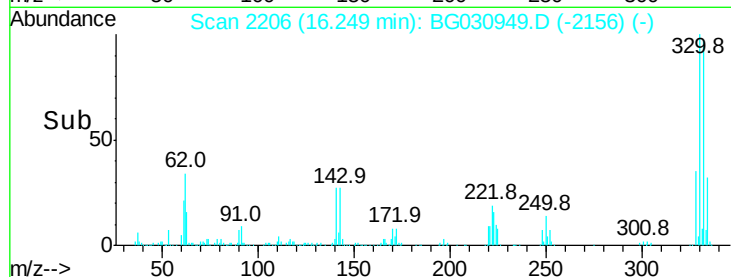
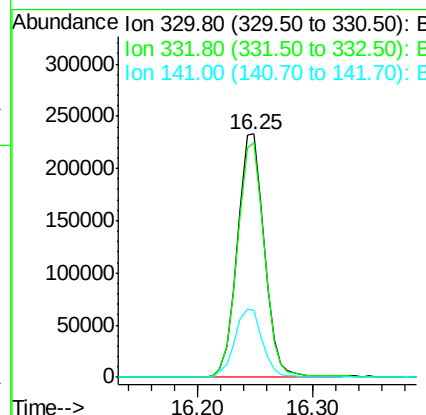
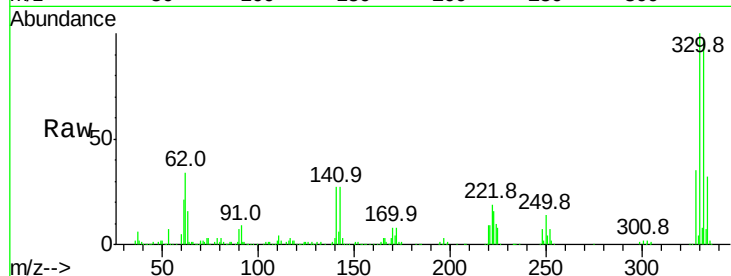




#41
 2,4,6-Tribromophenol
 Concen: 138.554 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030949.D
 Acq: 11 Nov 2017 18:23

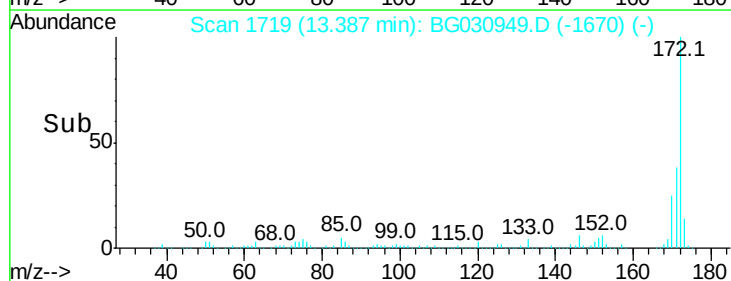
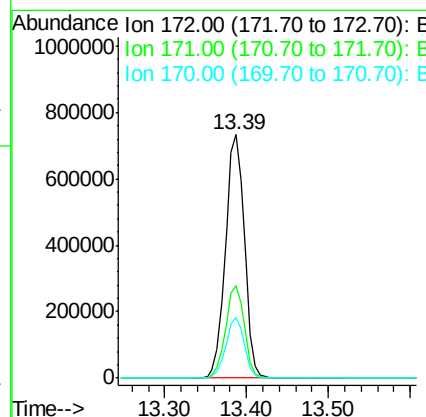
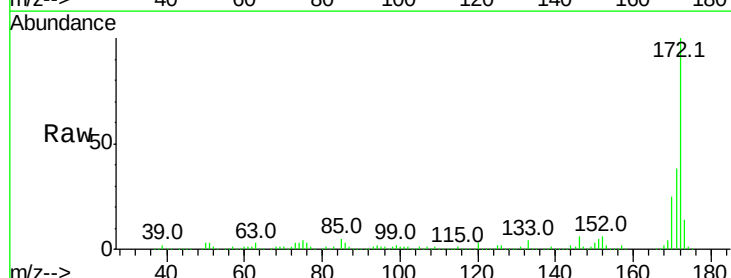
Instrument :
 BNA_G
 ClientSampleId :
 A017

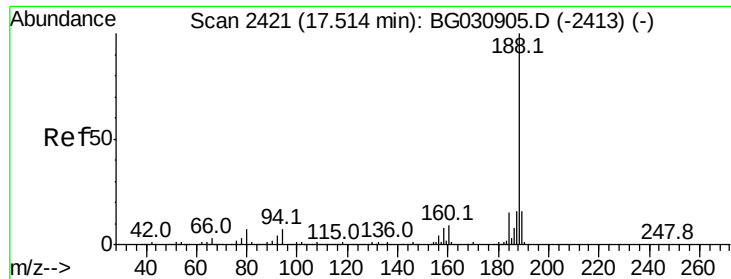
Tot Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.0	115.6
141	28.7	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 100.574 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030949.D
 Acq: 11 Nov 2017 18:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.1	30.0	45.0
170	24.7	19.5	29.3





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG030949.D

Acq: 11 Nov 2017 18:23

Instrument :

BNA_G

ClientSampleId :

A017

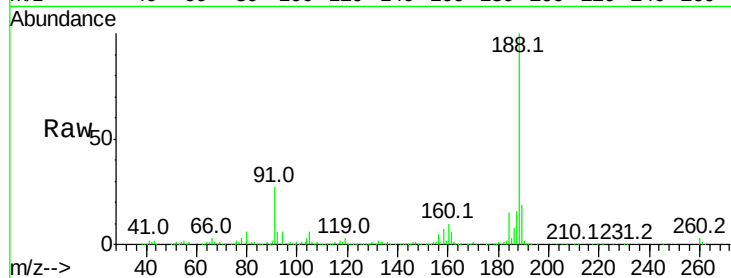
Tot Ion:188 Resp: 383569

Ion Ratio Lower Upper

188 100

94 6.2 6.9 10.3#

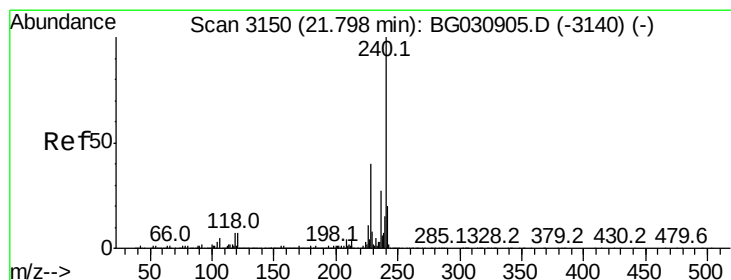
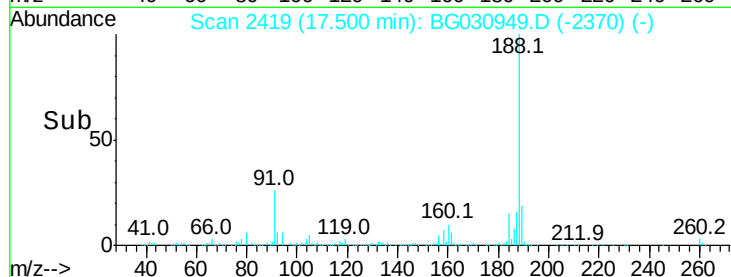
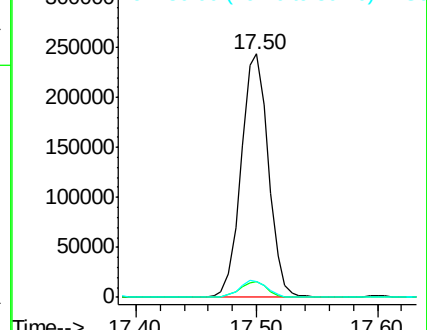
80 6.3 7.7 11.5#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.78 min Scan# 3147

Delta R.T. -0.01 min

Lab File: BG030949.D

Acq: 11 Nov 2017 18:23

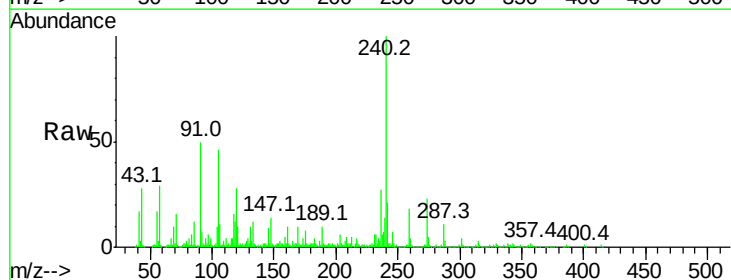
Tgt Ion:240 Resp: 444111

Ion Ratio Lower Upper

240 100

120 9.8 6.8 10.2

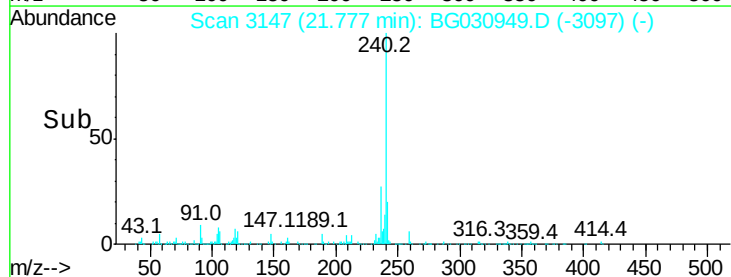
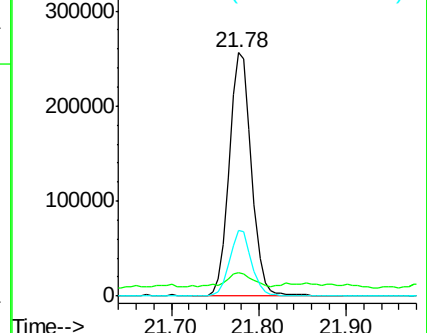
236 26.9 20.9 31.3

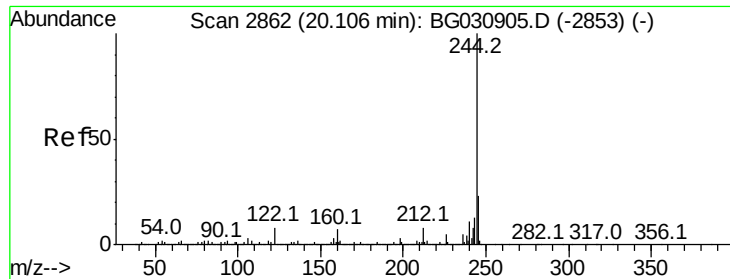


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.259 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG030949.D

Acq: 11 Nov 2017 18:23

Instrument :

BNA_G

ClientSampleId :

A017

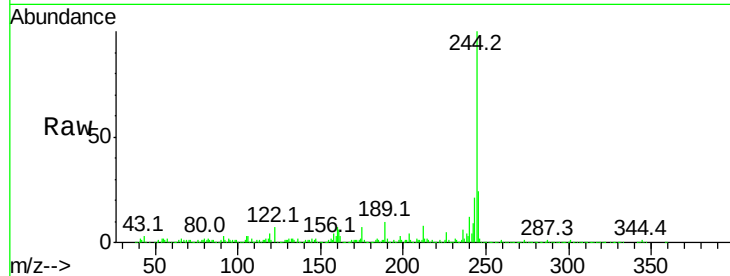
Tot Ion:244 Resp: 1835492

Ion Ratio Lower Upper

244 100

212 8.3 5.8 8.8

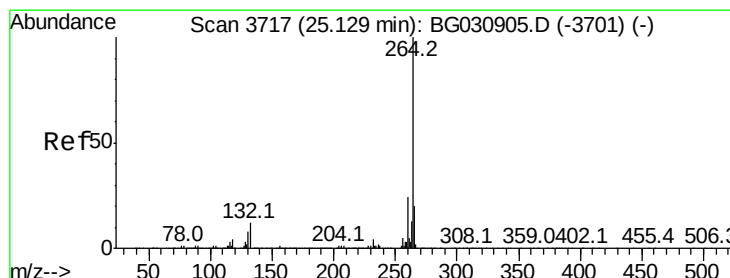
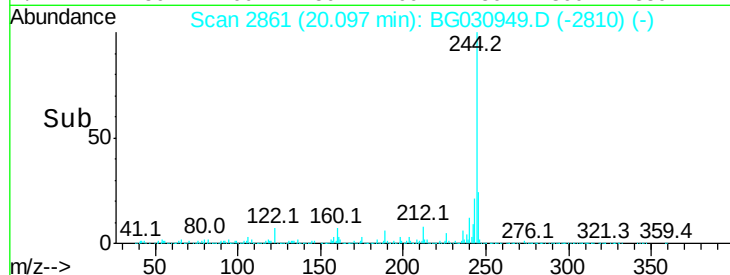
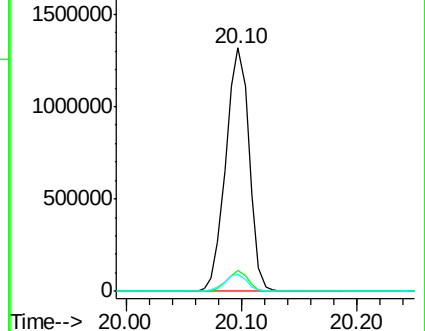
122 7.0 7.0 10.4



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: 20.000 ng

RT: 25.10 min Scan# 3712

Delta R.T. 0.01 min

Lab File: BG030949.D

Acq: 11 Nov 2017 18:23

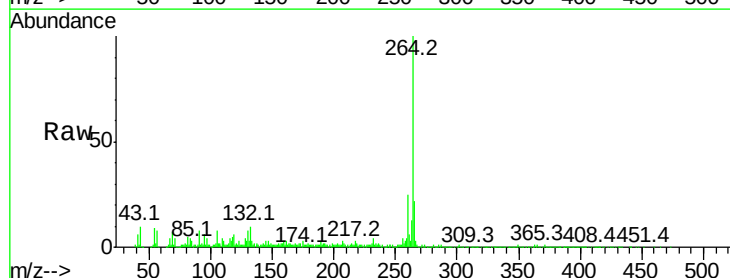
Tgt Ion:264 Resp: 465479

Ion Ratio Lower Upper

264 100

260 25.3 17.4 26.0

265 22.2 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

