

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG111117\
 Data File : BG030962.D
 Acq On : 12 Nov 2017 3:06
 Operator : SJ/JU
 Sample : I6301-06
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-C

Quant Time: Nov 13 06:24:42 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	41071	20.00	ng	-0.01
21) Naphthalene-d8	10.96	136	173644	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	123311	20.00	ng	-0.01
63) Phenanthrene-d10	17.50	188	348536	20.00	ng	-0.01
75) Chrysene-d12	21.77	240	443353	20.00	ng	-0.01
86) Perylene-d12	25.07	264	443861	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	344181	143.70	ng	0.00
7) Phenol-d6	7.31	99	411999	127.68	ng	0.00
23) Nitrobenzene-d5	9.31	82	303108	103.44	ng	-0.01
41) 2,4,6-Tribromophenol	16.25	330	351031	175.98	ng	0.00
44) 2-Fluorobiphenyl	13.39	172	922119	107.45	ng	-0.01
78) Terphenyl-d14	20.10	244	1941730	96.71	ng	0.00

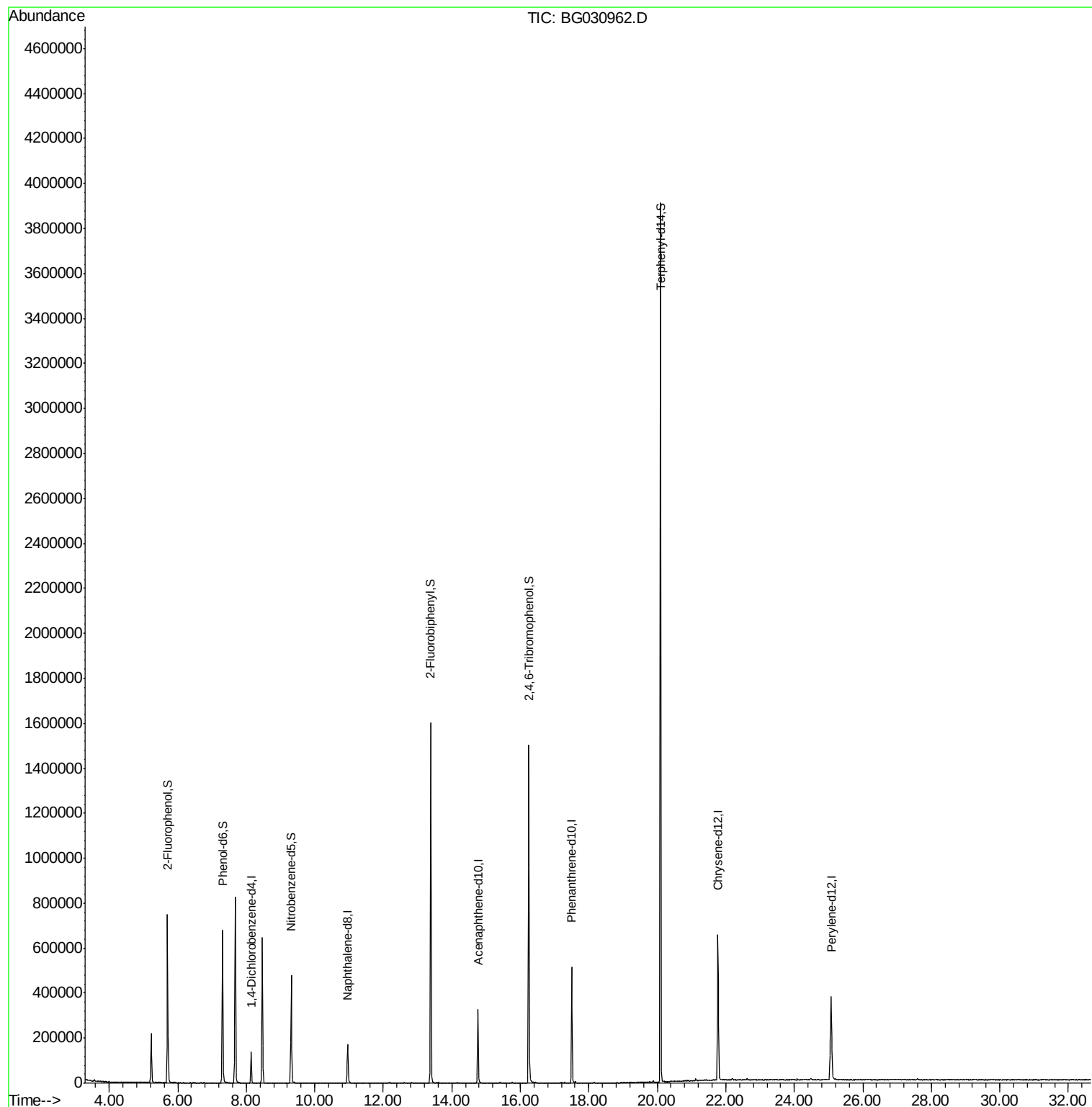
Target Compounds Qvalue

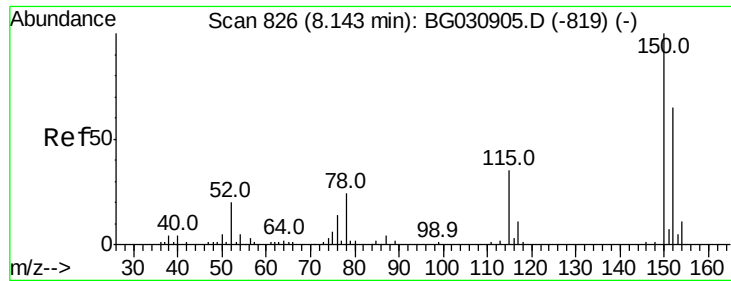
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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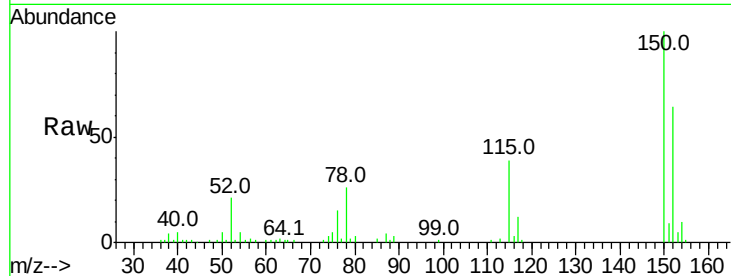


#1

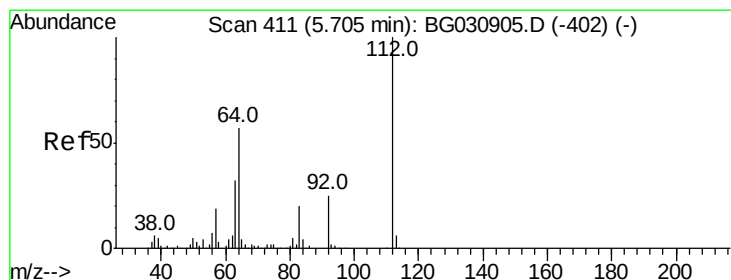
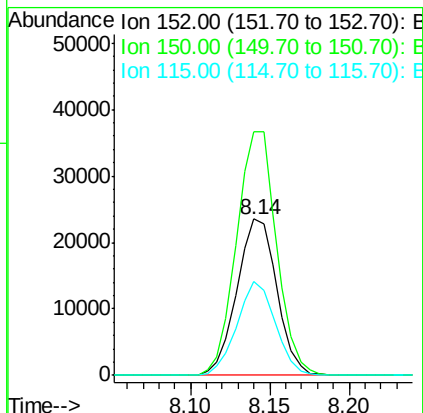
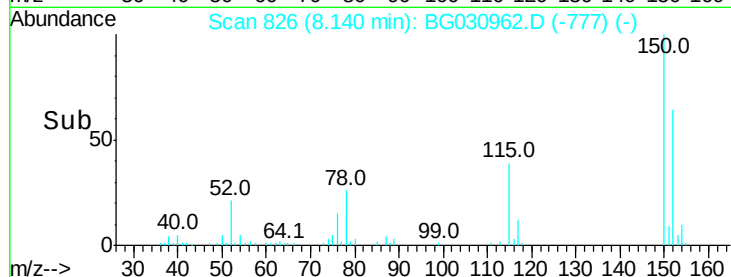
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.14 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG030962.D
Acq: 12 Nov 2017 3:06

Instrument :
BNA_G
ClientSampleId :
JC-02-110917-C

Tot Ion:152 Resp: 41071
Ion Ratio Lower Upper
152 100
150 156.1 126.6 189.8
115 60.4 53.0 79.4



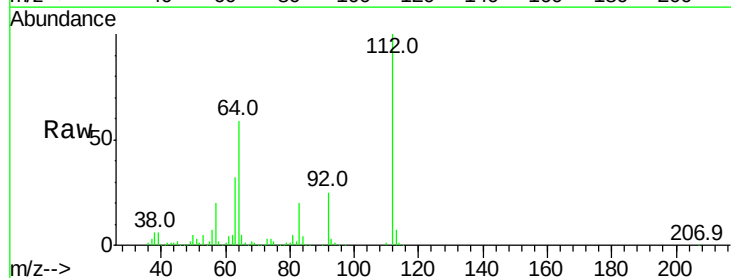
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



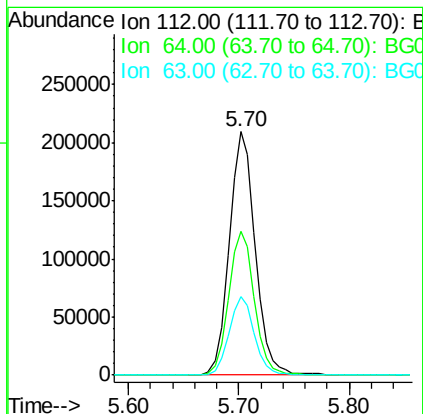
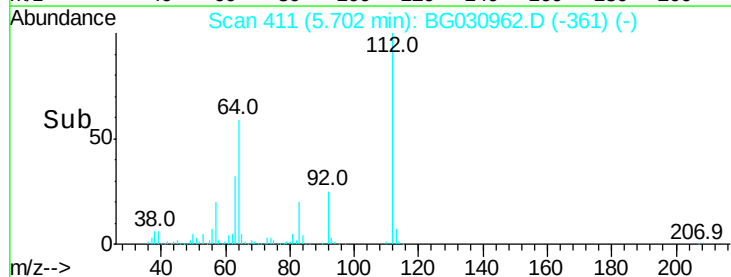
#5

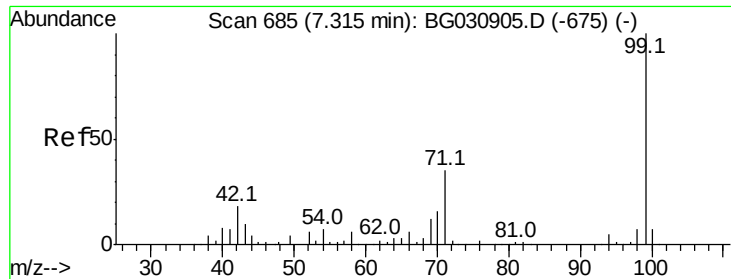
2-Fluorophenol
Concen: 143.699 ng
RT: 5.70 min Scan# 411
Delta R.T. -0.01 min
Lab File: BG030962.D
Acq: 12 Nov 2017 3:06

Tgt Ion:112 Resp: 344181
Ion Ratio Lower Upper
112 100
64 58.9 56.3 84.5
63 32.1 30.1 45.1



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





#7

Phenol-d6

Concen: 127.681 ng

RT: 7.31 min Scan# 684

Delta R.T. -0.00 min

Lab File: BG030962.D

Acq: 12 Nov 2017 3:06

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-C

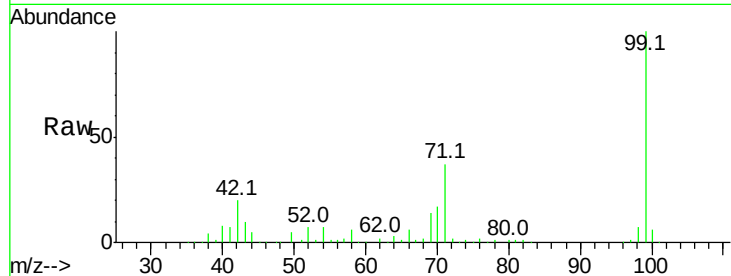
Tot Ion: 99 Resp: 411999

Ion Ratio Lower Upper

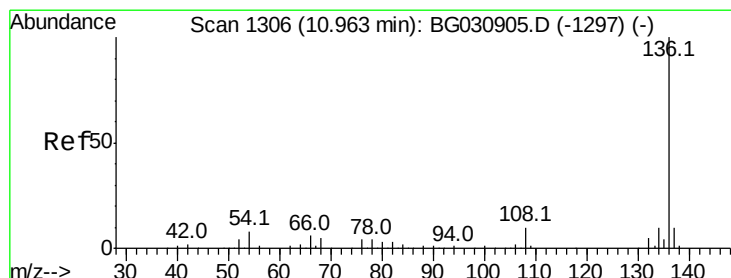
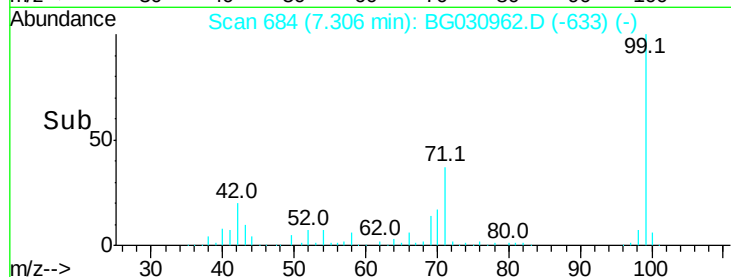
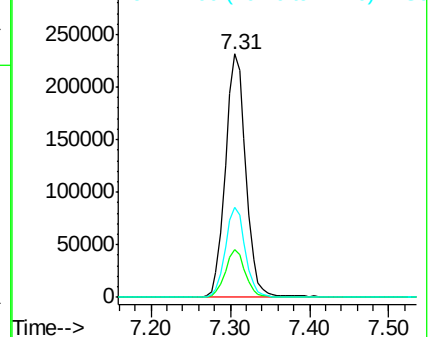
99 100

42 19.9 14.1 21.1

71 36.9 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: 10.96 min Scan# 1306

Delta R.T. -0.01 min

Lab File: BG030962.D

Acq: 12 Nov 2017 3:06

Tgt Ion: 136 Resp: 173644

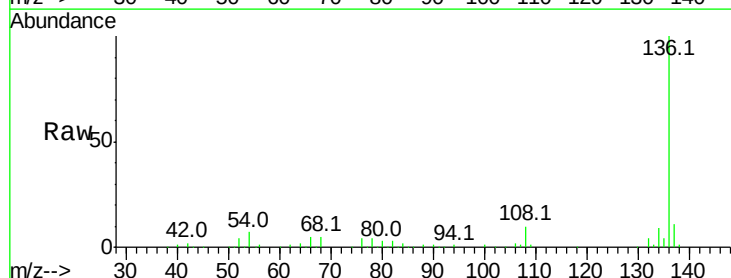
Ion Ratio Lower Upper

136 100

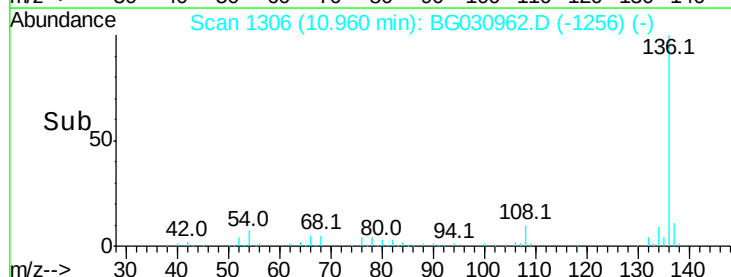
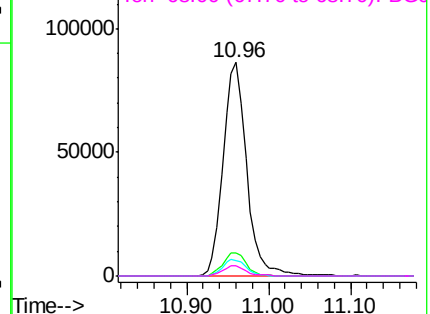
137 10.7 9.2 13.8

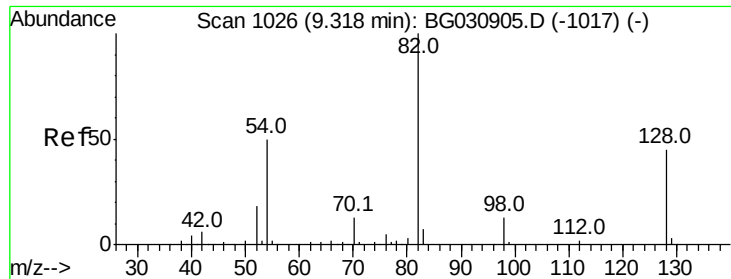
54 7.2 10.3 15.5#

68 4.9 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

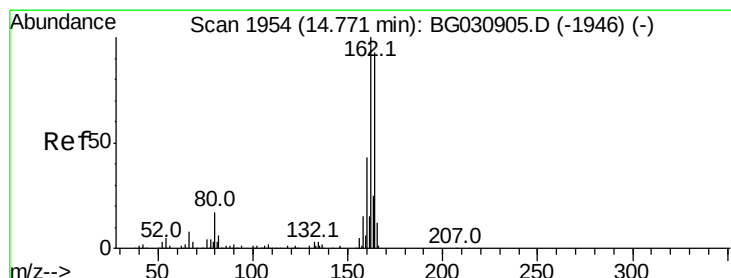
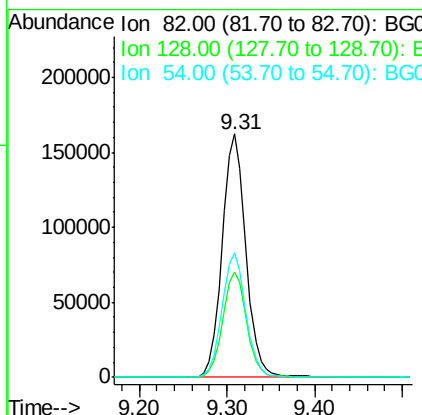
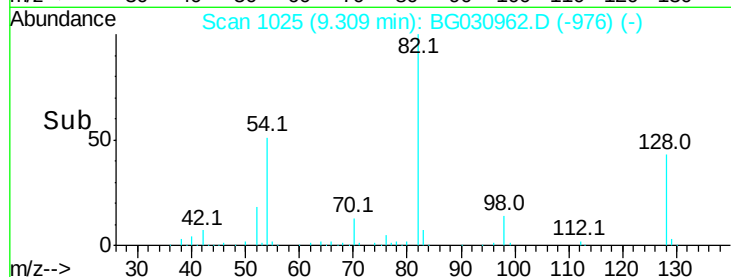
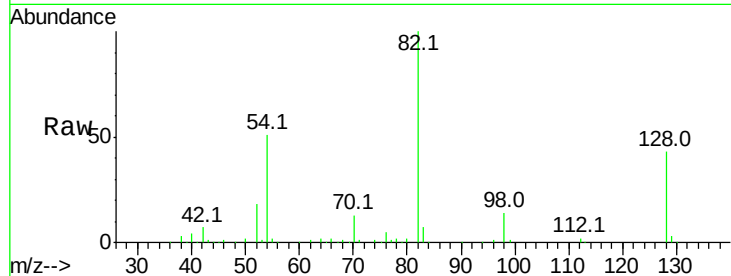




#23
 Nitrobenzene-d5
 Concen: 103.436 ng
 RT: 9.31 min Scan# 1025
 Delta R.T. -0.01 min
 Lab File: BG030962.D
 Acq: 12 Nov 2017 3:06

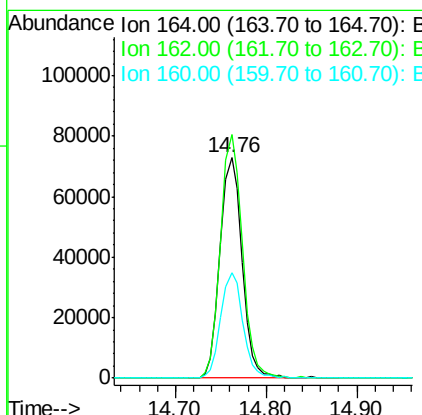
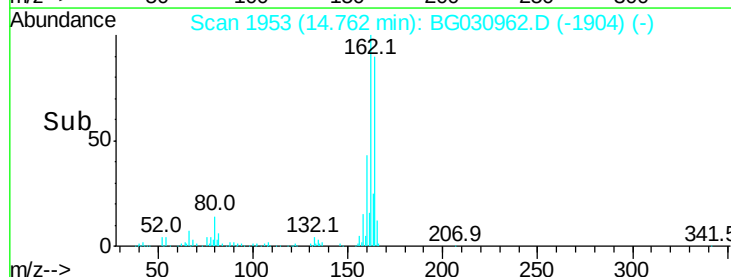
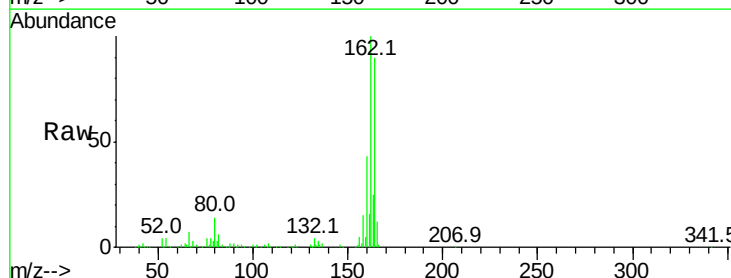
Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-C

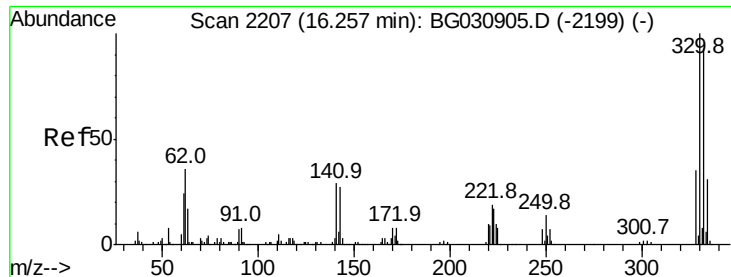
Tot Ion	82	Resp	303108
Ion	Ratio	Lower	Upper
82	100		
128	43.3	29.7	44.5
54	51.3	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.76 min Scan# 1953
 Delta R.T. -0.01 min
 Lab File: BG030962.D
 Acq: 12 Nov 2017 3:06

Tgt Ion	164	Resp	123311
Ion	Ratio	Lower	Upper
164	100		
162	110.5	78.8	118.2
160	47.8	35.4	53.0

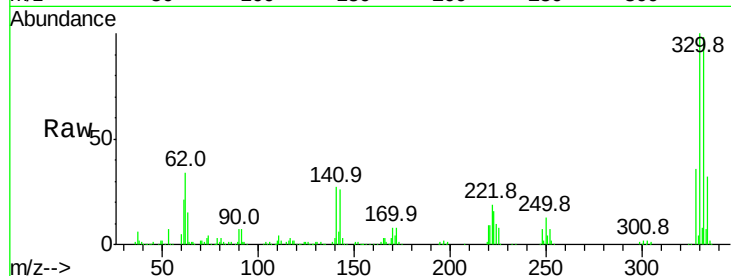




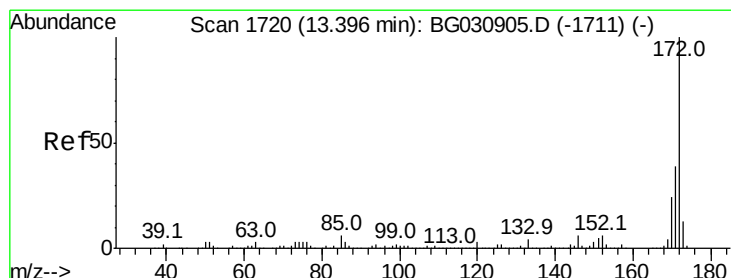
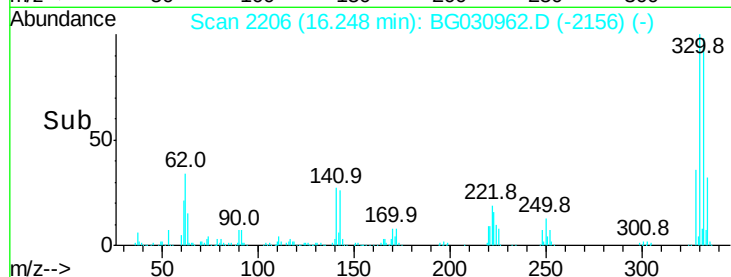
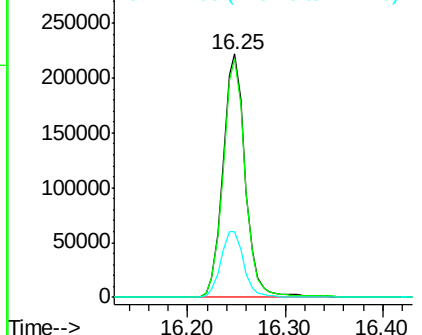
#41
 2,4,6-Tribromophenol
 Concen: 175.976 ng
 RT: 16.25 min Scan# 2206
 Delta R.T. -0.01 min
 Lab File: BG030962.D
 Acq: 12 Nov 2017 3:06

Instrument :
 BNA_G
 ClientSampleId :
 JC-02-110917-C

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	28.1	25.2	37.8

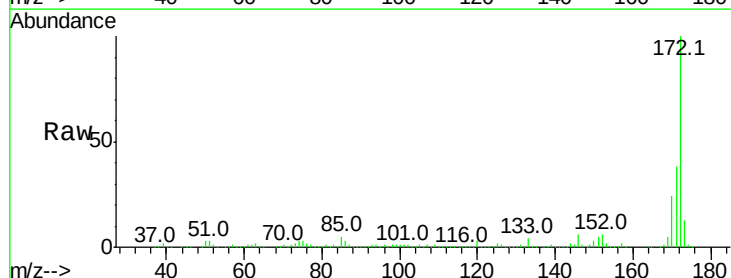


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

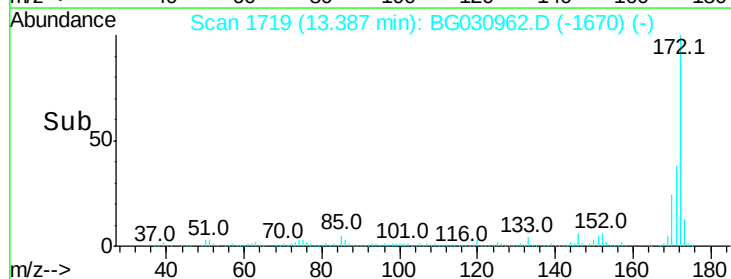
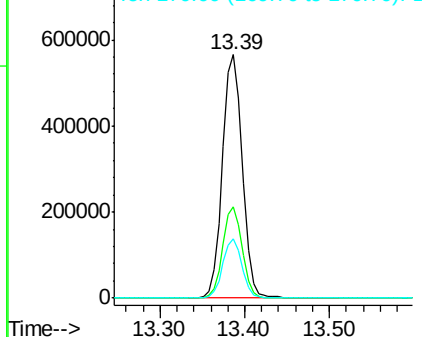


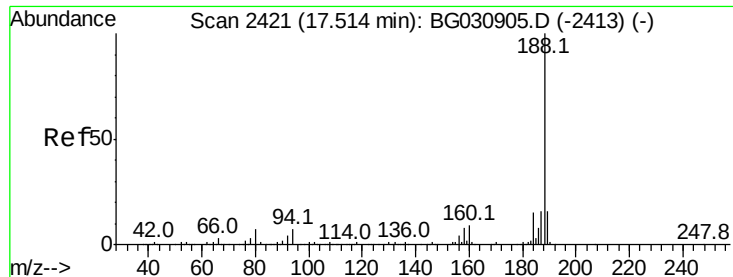
#44
 2-Fluorobiphenyl
 Concen: 107.451 ng
 RT: 13.39 min Scan# 1719
 Delta R.T. -0.01 min
 Lab File: BG030962.D
 Acq: 12 Nov 2017 3:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	24.2	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: 20.000 ng

RT: 17.50 min Scan# 2419

Delta R.T. -0.01 min

Lab File: BG030962.D

Acq: 12 Nov 2017 3:06

Instrument :

BNA_G

ClientSampleId :

JC-02-110917-C

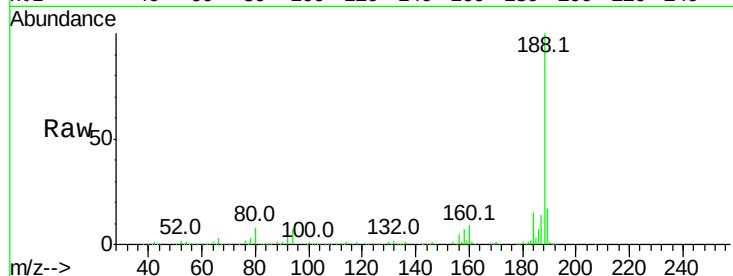
Tot Ion:188 Resp: 348536

Ion Ratio Lower Upper

188 100

94 6.7 6.9 10.3#

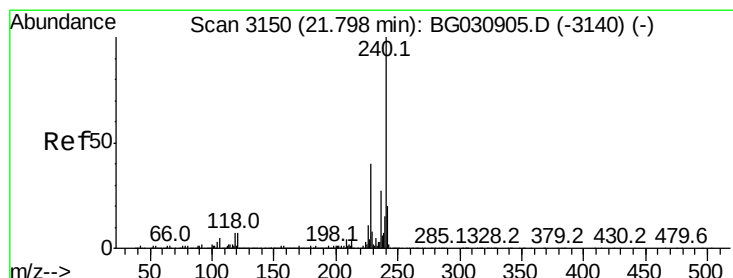
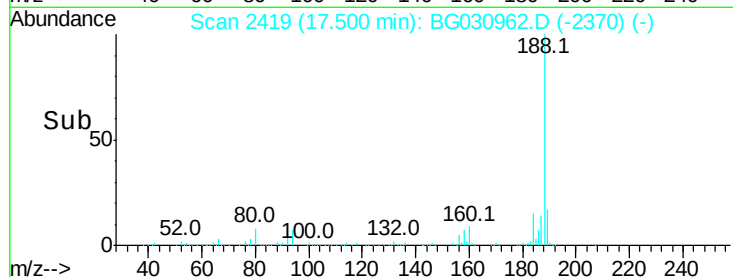
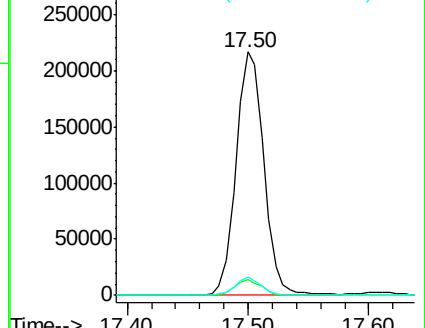
80 7.5 7.7 11.5#



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: 21.77 min Scan# 3146

Delta R.T. -0.01 min

Lab File: BG030962.D

Acq: 12 Nov 2017 3:06

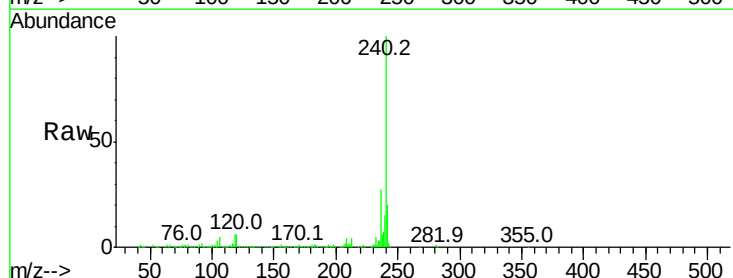
Tgt Ion:240 Resp: 443353

Ion Ratio Lower Upper

240 100

120 6.2 6.8 10.2#

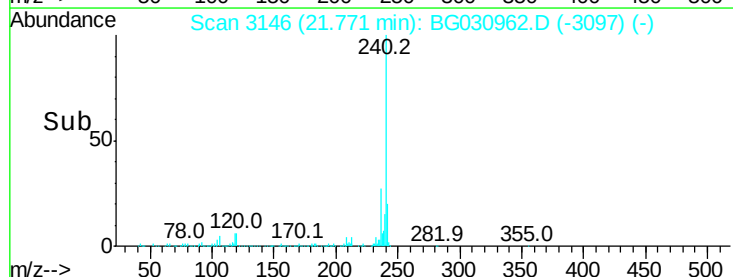
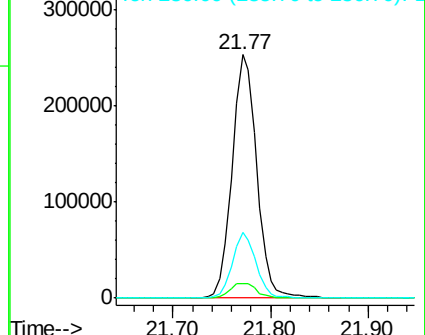
236 26.8 20.9 31.3

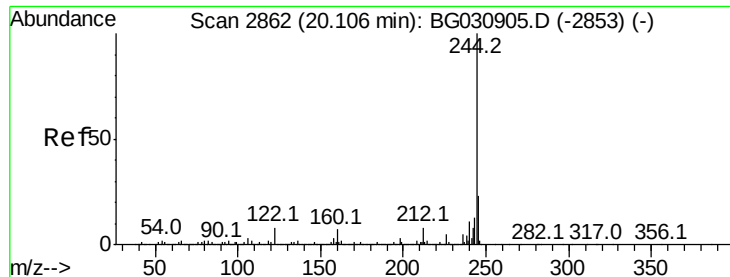


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 96.706 ng

RT: 20.10 min Scan# 2861

Delta R.T. -0.00 min

Lab File: BG030962.D

Acq: 12 Nov 2017 3:06

Instrument :

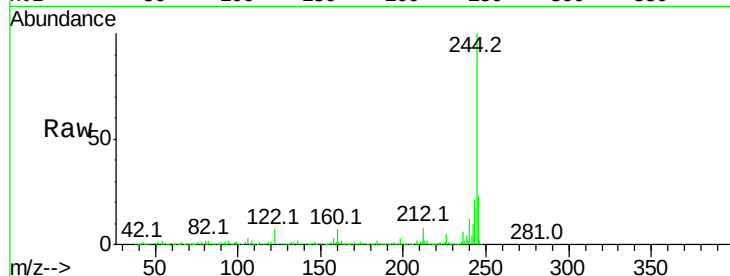
BNA_G

ClientSampleId :

JC-02-110917-C

Tot Ion:244 Resp: 1941730

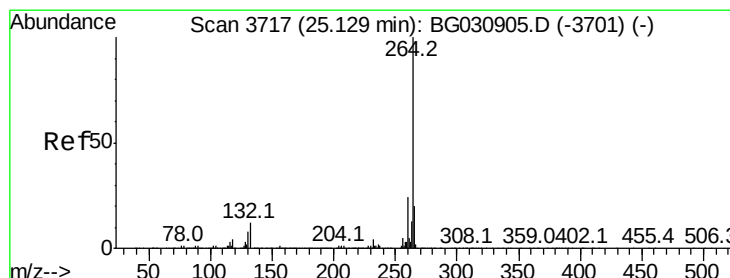
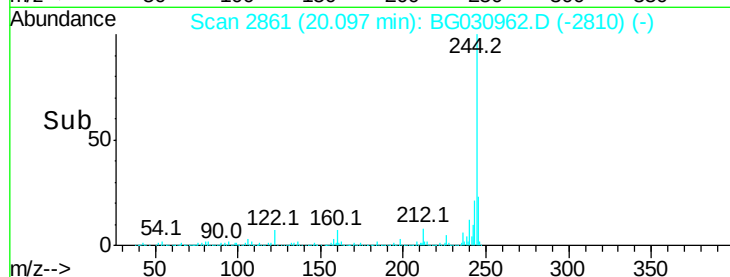
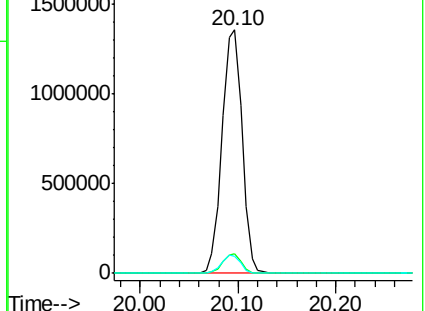
Ion	Ratio	Lower	Upper
244	100		
212	8.1	5.8	8.8
122	7.1	7.0	10.4



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: 25.07 min Scan# 3708

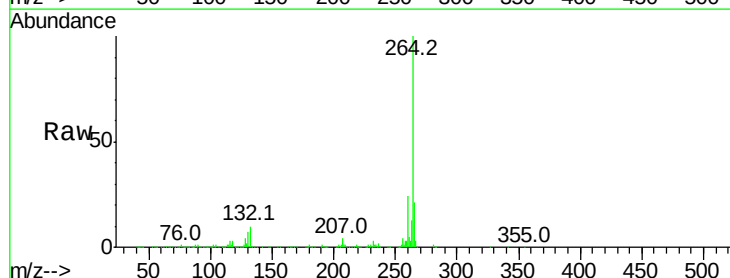
Delta R.T. -0.02 min

Lab File: BG030962.D

Acq: 12 Nov 2017 3:06

Tgt Ion:264 Resp: 443861

Ion	Ratio	Lower	Upper
264	100		
260	23.8	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

