

Data Path : Z:\HPCHEM1\BNA G\DATA\BG112217\
 Data File : BG031207.D
 Acq On : 23 Nov 2017 3:14
 Operator : SJ/JU
 Sample : PB104495BL
 Misc :
 ALS Vial : 20 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB104495BL

Quant Time: Nov 23 04:25:39 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	8.13	152	57207	20.00	ng	-0.02
21) Naphthalene-d8	10.95	136	255057	20.00	ng	-0.02
38) Acenaphthene-d10	14.76	164	175358	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	470023	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	574558	20.00	ng	-0.02
86) Perylene-d12	25.07	264	547507	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.70	112	525669	157.57	ng	-0.01
7) Phenol-d6	7.30	99	684277	152.25	ng	0.00
23) Nitrobenzene-d5	9.30	82	388847	90.34	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	349861	123.33	ng	-0.01
44) 2-Fluorobiphenyl	13.38	172	1193512	97.80	ng	-0.02
78) Terphenyl-d14	20.08	244	2252327	86.56	ng	-0.01

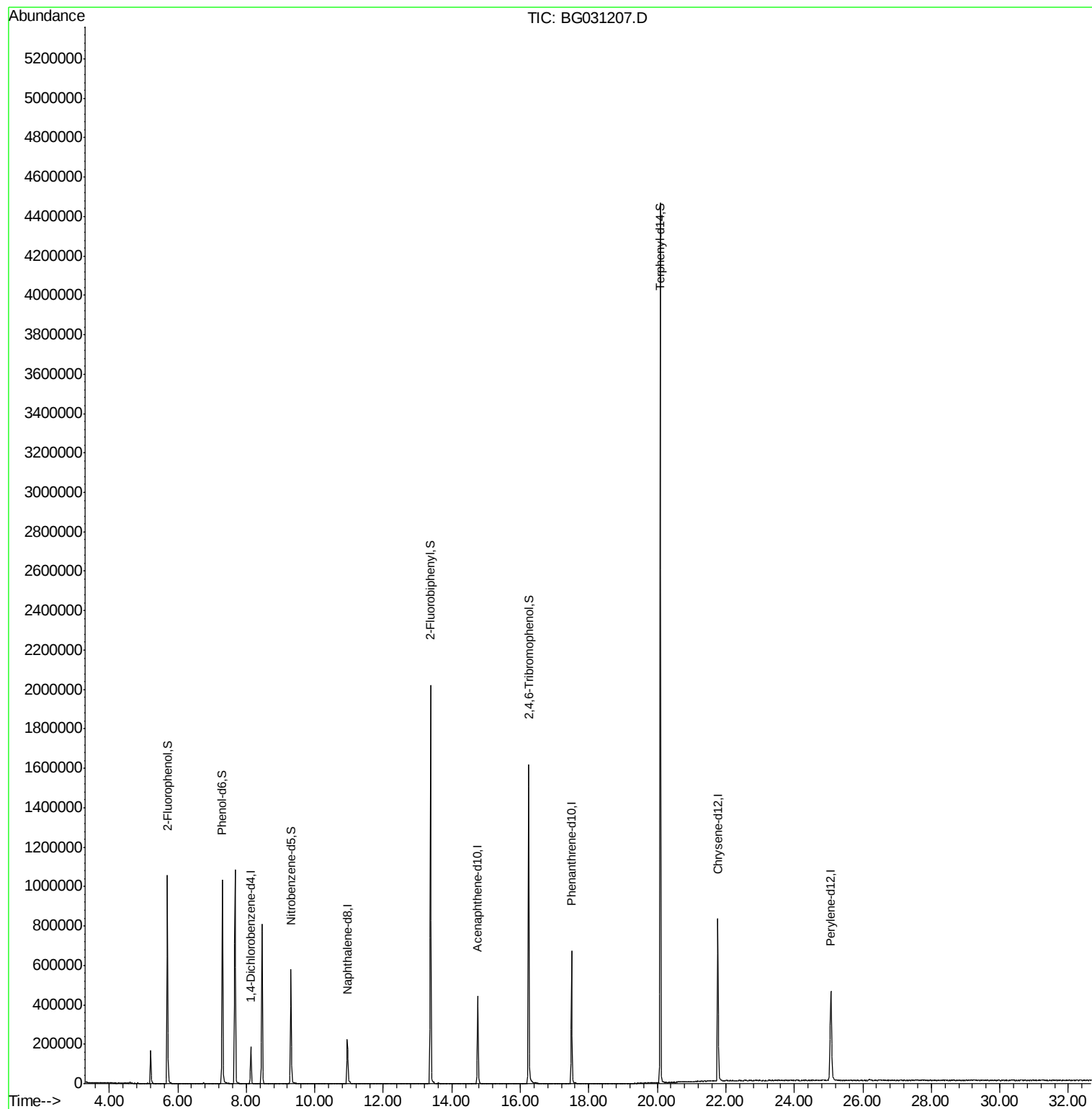
Target Compounds Qvalue

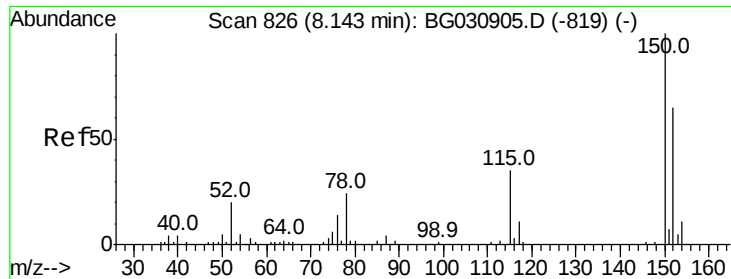
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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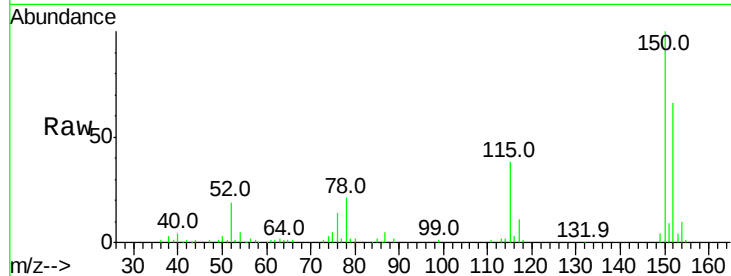


#1

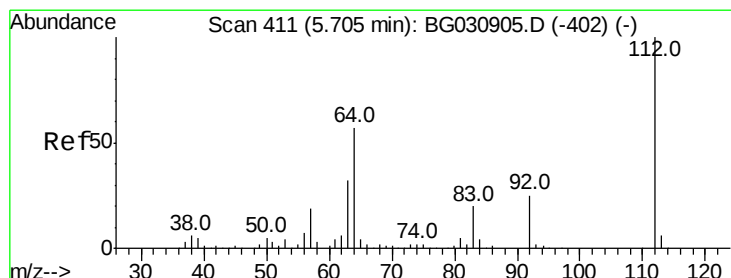
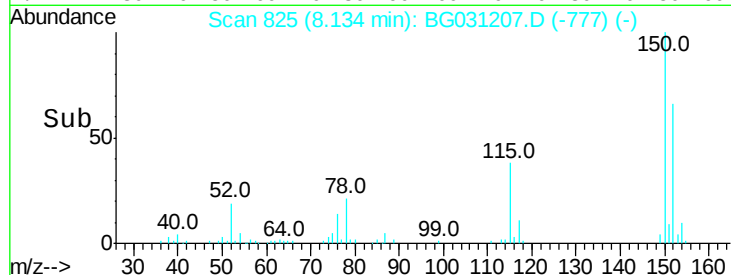
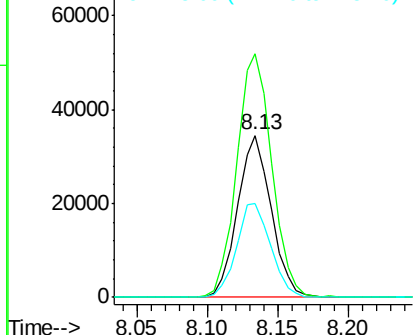
1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.13 min Scan# 825
 Delta R.T. -0.02 min
 Lab File: BG031207.D
 Acq: 23 Nov 2017 3:14

Instrument :
 BNA_G
 ClientSampleId :
 PB104495BL

Tot Ion:152 Resp: 57207
 Ion Ratio Lower Upper
 152 100
 150 150.6 126.6 189.8
 115 57.7 53.0 79.4



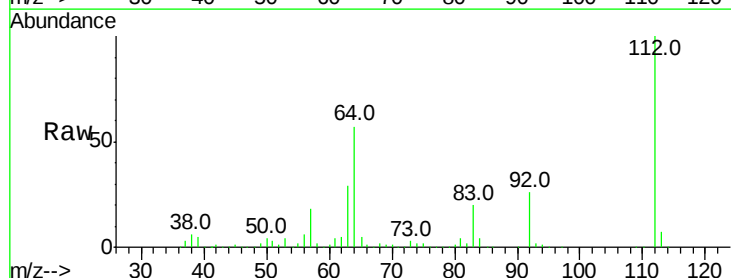
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



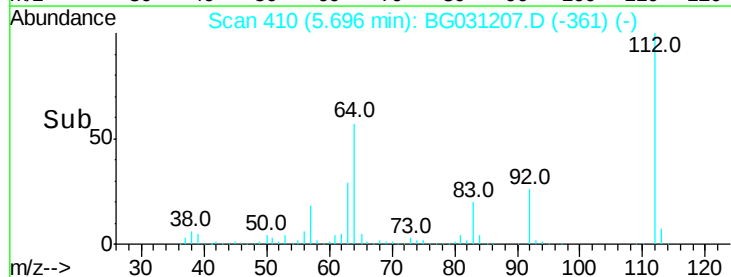
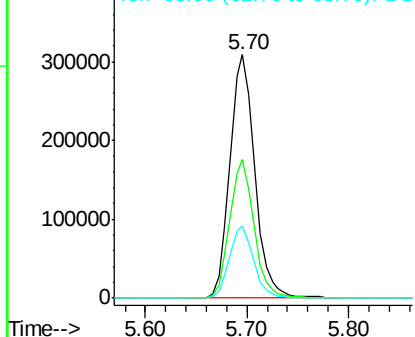
#5

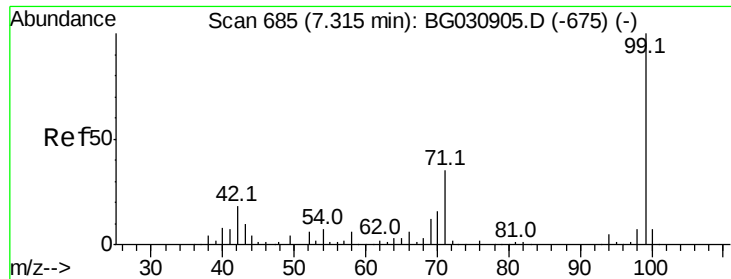
2-Fluorophenol
 Concen: 157.567 ng
 RT: 5.70 min Scan# 410
 Delta R.T. -0.01 min
 Lab File: BG031207.D
 Acq: 23 Nov 2017 3:14

Tgt Ion:112 Resp: 525669
 Ion Ratio Lower Upper
 112 100
 64 57.2 56.3 84.5
 63 29.4 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: 152.247 ng

RT: 7.30 min Scan# 683

Delta R.T. -0.01 min

Lab File: BG031207.D

Acq: 23 Nov 2017 3:14

Instrument :

BNA_G

ClientSampleId :

PB104495BL

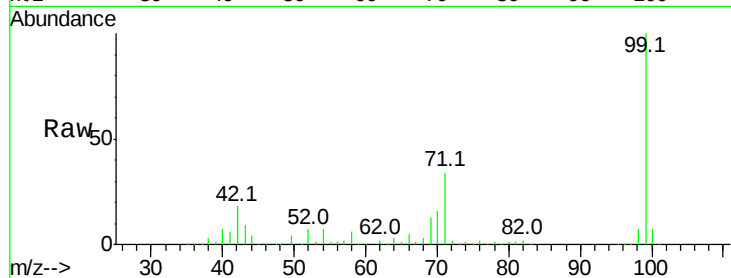
Tot Ion: 99 Resp: 684277

Ion Ratio Lower Upper

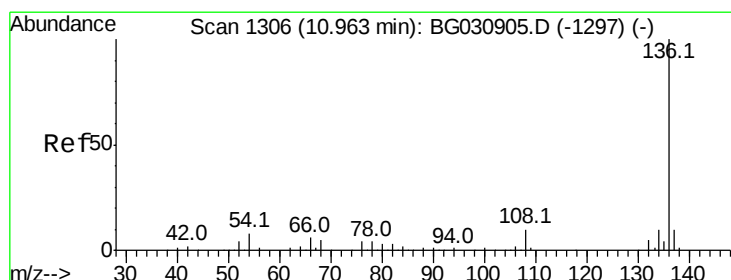
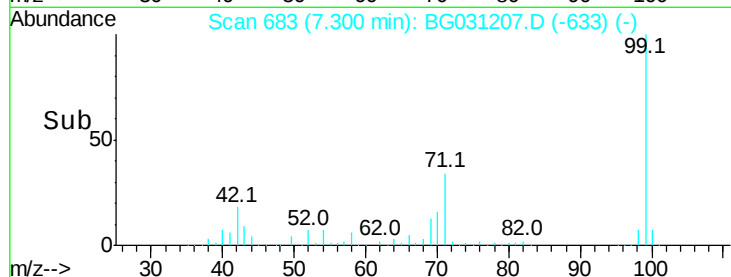
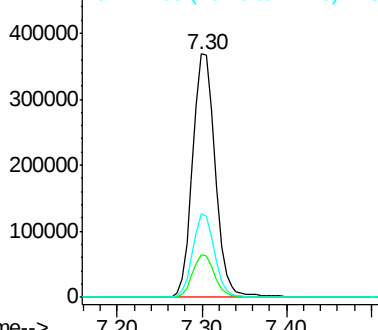
99 100

42 17.8 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: 20.000 ng

RT: 10.95 min Scan# 1304

Delta R.T. -0.02 min

Lab File: BG031207.D

Acq: 23 Nov 2017 3:14

Tgt Ion: 136 Resp: 255057

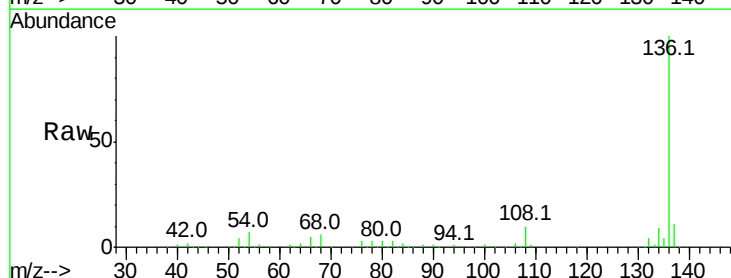
Ion Ratio Lower Upper

136 100

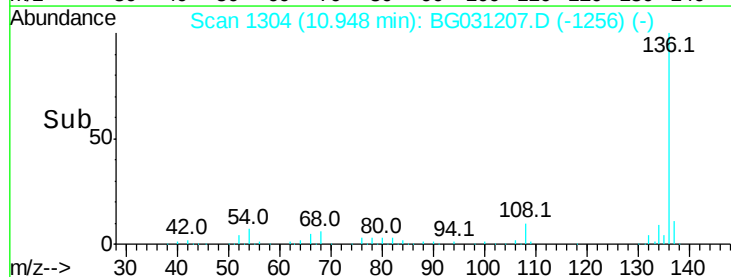
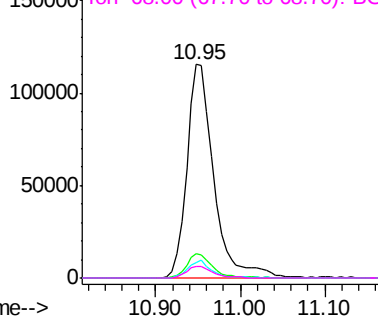
137 11.2 9.2 13.8

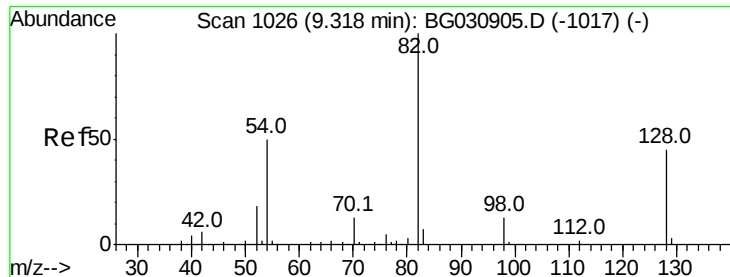
54 7.1 10.3 15.5#

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

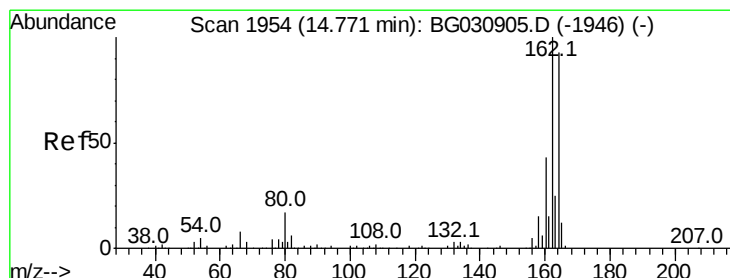
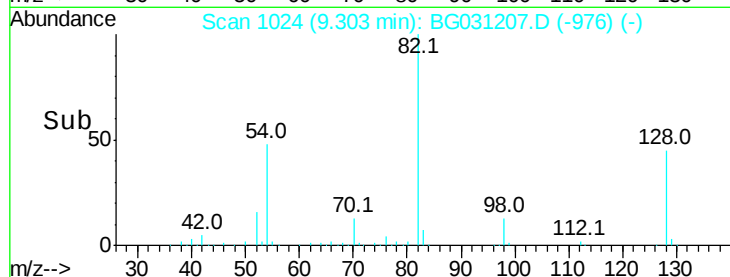
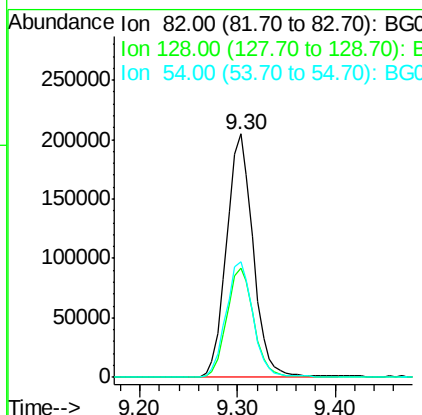
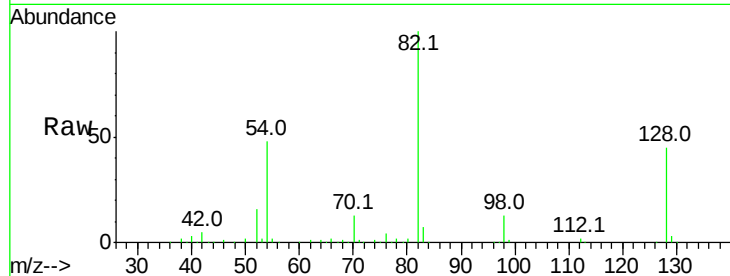




#23
Nitrobenzene-d5
Concen: 90.339 ng
RT: 9.30 min Scan# 1024
Delta R.T. -0.02 min
Lab File: BG031207.D
Acq: 23 Nov 2017 3:14

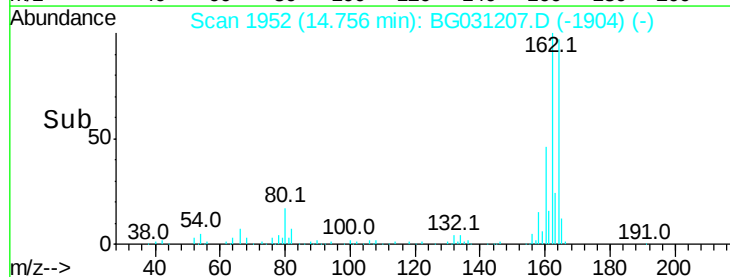
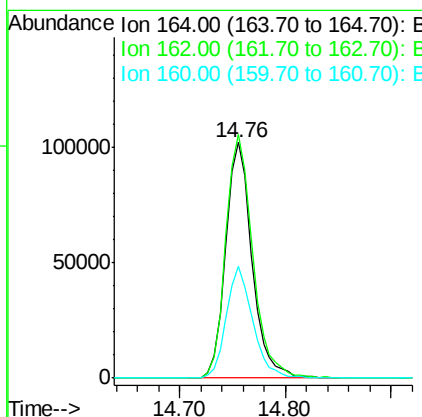
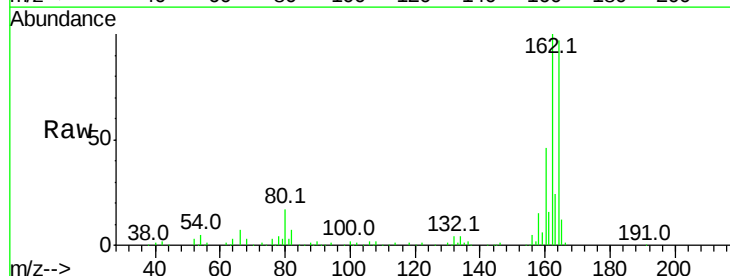
Instrument :
BNA_G
ClientSampleId :
PB104495BL

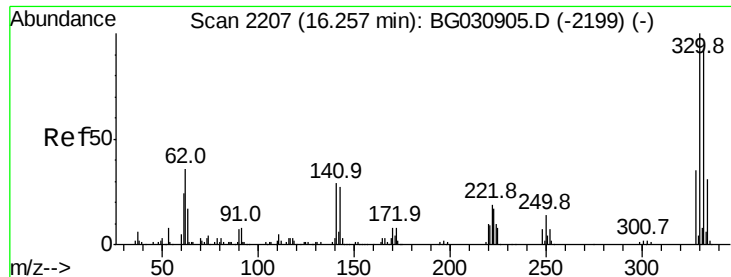
Tot Ion	82	Resp	388847
Ion	Ratio	Lower	Upper
82	100		
128	44.9	29.7	44.5#
54	47.6	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.76 min Scan# 1952
Delta R.T. -0.02 min
Lab File: BG031207.D
Acq: 23 Nov 2017 3:14

Tgt Ion	164	Resp	175358
Ion	Ratio	Lower	Upper
164	100		
162	103.4	78.8	118.2
160	47.7	35.4	53.0

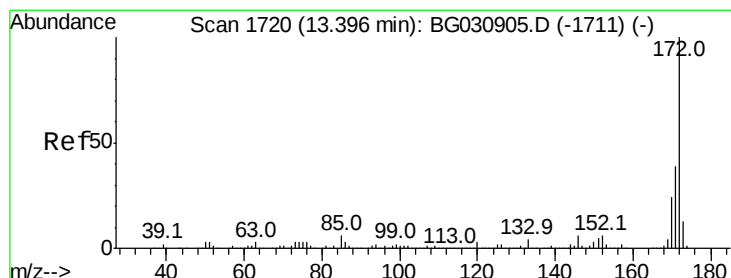
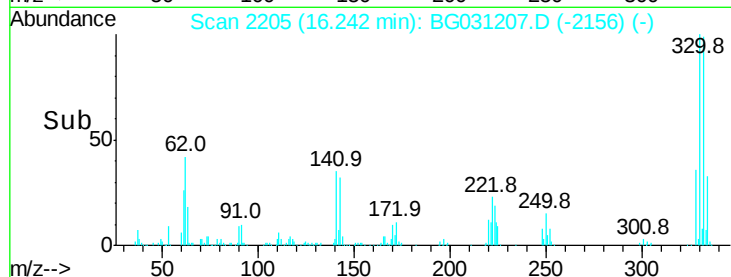
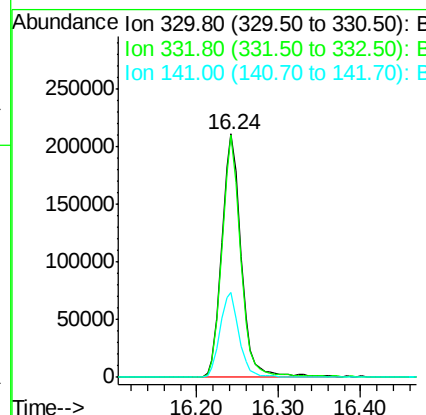
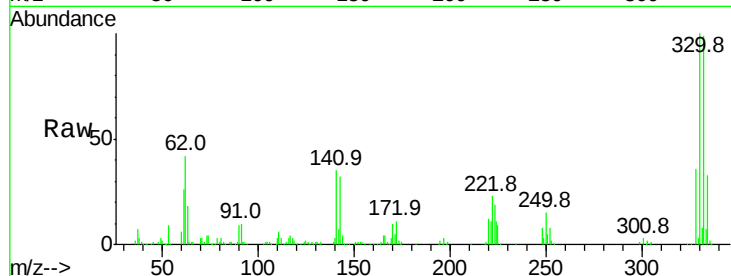




#41
 2,4,6-Tribromophenol
 Concen: 123.333 ng
 RT: 16.24 min Scan# 2205
 Delta R.T. -0.01 min
 Lab File: BG031207.D
 Acq: 23 Nov 2017 3:14

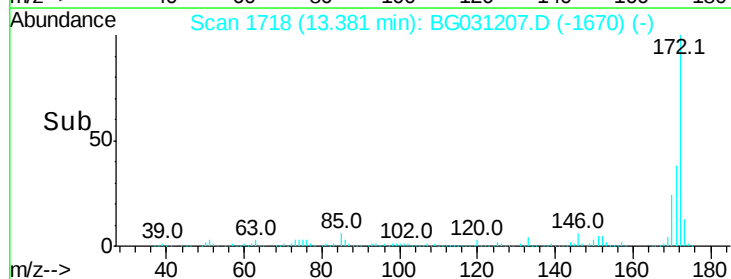
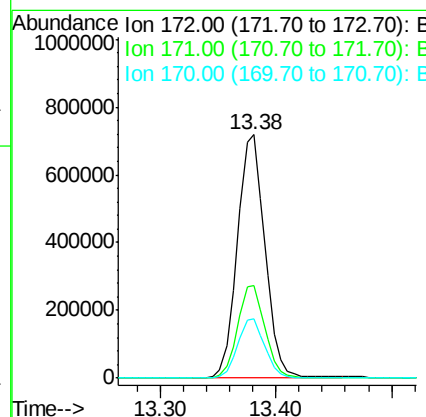
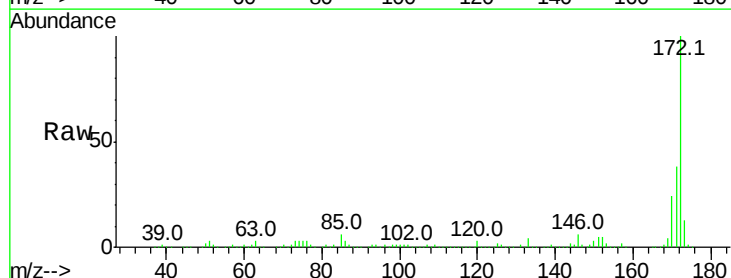
Instrument :
 BNA_G
 ClientSampled :
 PB104495BL

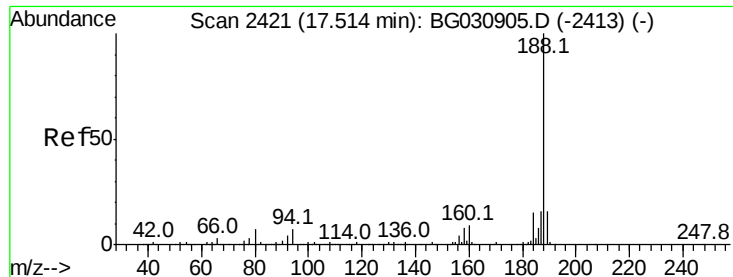
Tot Ion	Ratio	Lower	Upper
330	100		
332	96.2	77.0	115.6
141	34.2	25.2	37.8



#44
 2-Fluorobiphenyl
 Concen: 97.797 ng
 RT: 13.38 min Scan# 1718
 Delta R.T. -0.02 min
 Lab File: BG031207.D
 Acq: 23 Nov 2017 3:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.8	30.0	45.0
170	24.3	19.5	29.3

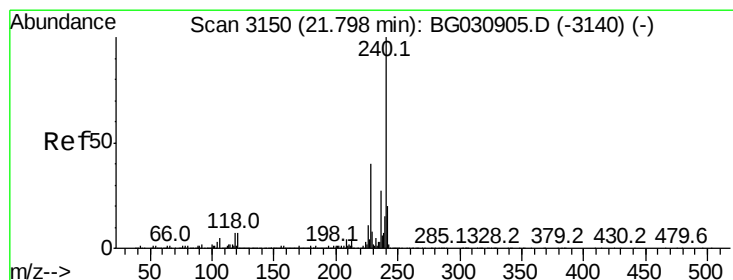
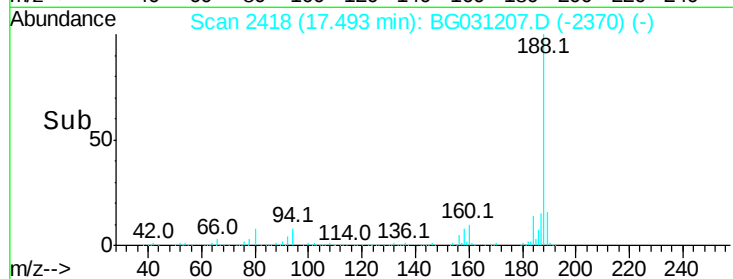
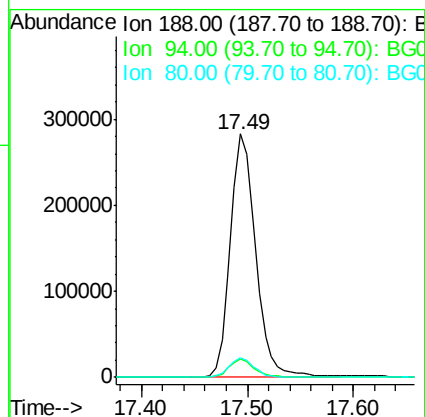
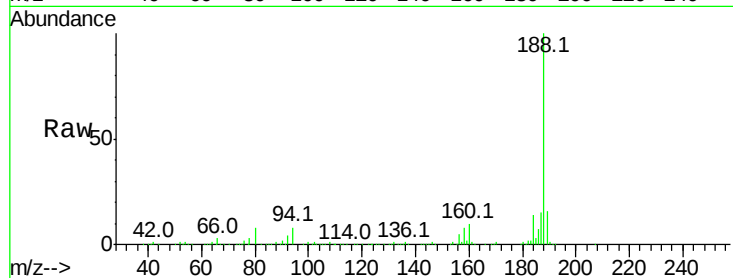




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.49 min Scan# 2418
 Delta R.T. -0.02 min
 Lab File: BG031207.D
 Acq: 23 Nov 2017 3:14

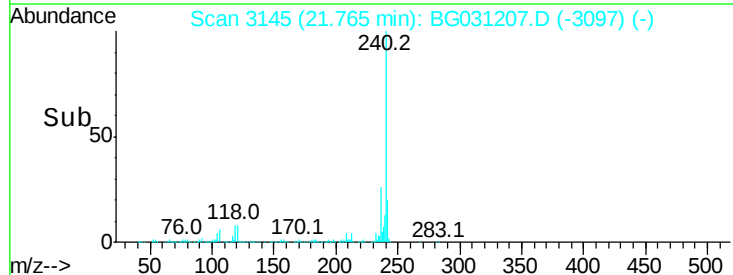
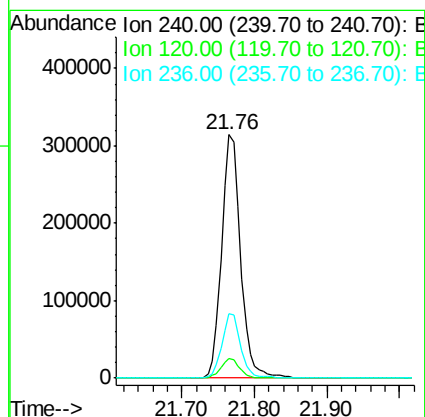
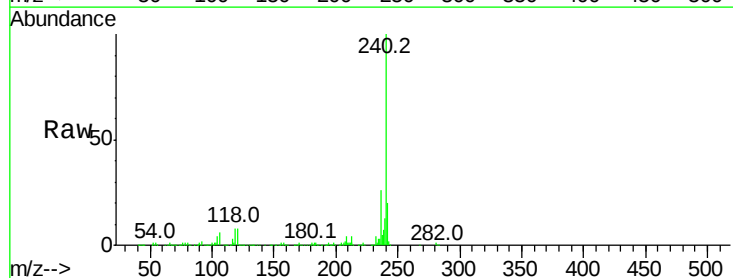
Instrument :
 BNA_G
 ClientSampleId :
 PB104495BL

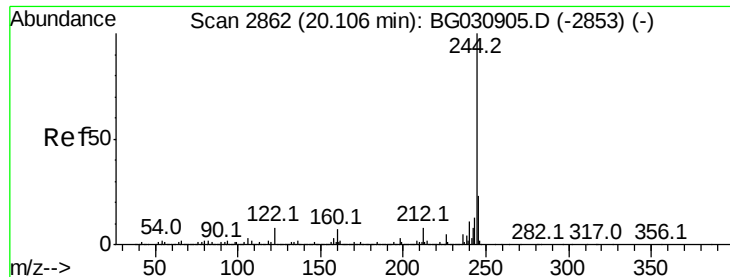
Tot Ion:188 Resp: 470023
 Ion Ratio Lower Upper
 188 100
 94 7.7 6.9 10.3
 80 7.9 7.7 11.5



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.76 min Scan# 3145
 Delta R.T. -0.02 min
 Lab File: BG031207.D
 Acq: 23 Nov 2017 3:14

Tgt Ion:240 Resp: 574558
 Ion Ratio Lower Upper
 240 100
 120 8.1 6.8 10.2
 236 26.3 20.9 31.3





#78

Terphenyl-d14

Concen: 86.559 ng

RT: 20.08 min Scan# 2859

Delta R.T. -0.01 min

Lab File: BG031207.D

Acq: 23 Nov 2017 3:14

Instrument :

BNA_G

ClientSampleId :

PB104495BL

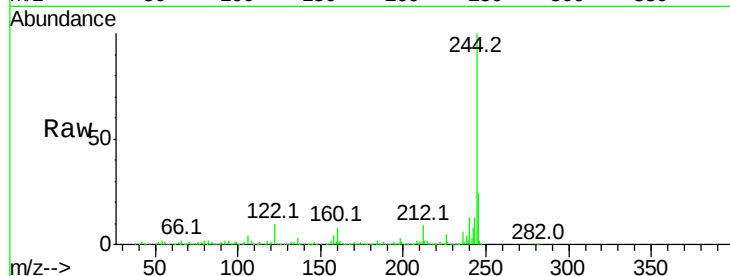
Tot Ion:244 Resp: 2252327

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

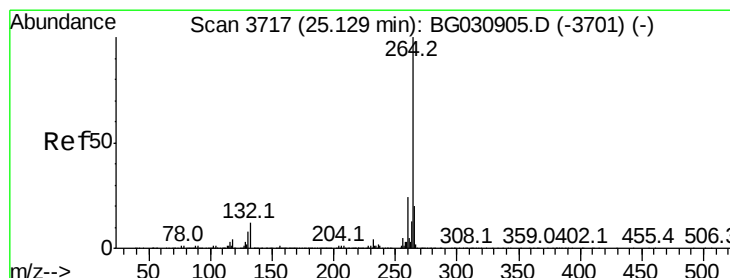
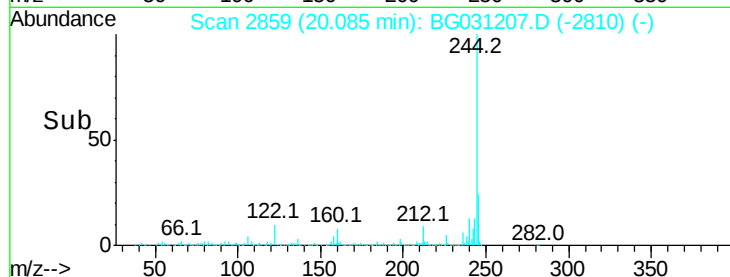
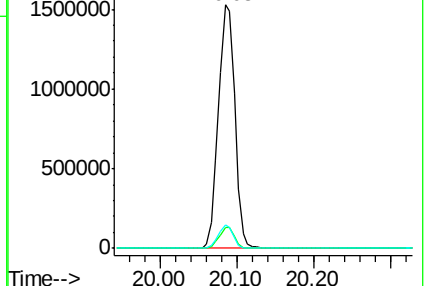
122 9.8 7.0 10.4



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# 3707

Delta R.T. -0.02 min

Lab File: BG031207.D

Acq: 23 Nov 2017 3:14

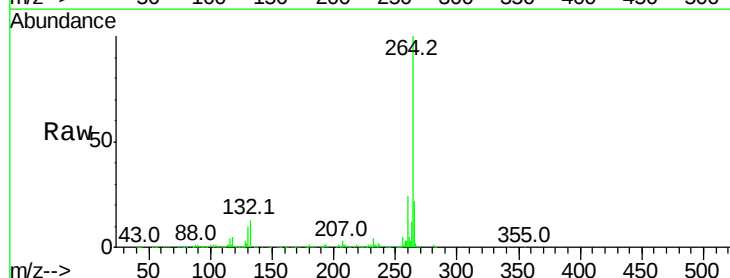
Tgt Ion:264 Resp: 547507

Ion Ratio Lower Upper

264 100

260 23.5 17.4 26.0

265 22.4 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

