

Data Path : Z:\HPCHEM1\BNA G\DATA\BG100317\
 Data File : BG029020.D
 Acq On : 4 Oct 2017 1:16
 Operator : SJ/JU
 Sample : PB102869BL
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 04 05:25:43 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Sep 12 16:57:11 2017
 Response via : Initial Calibration

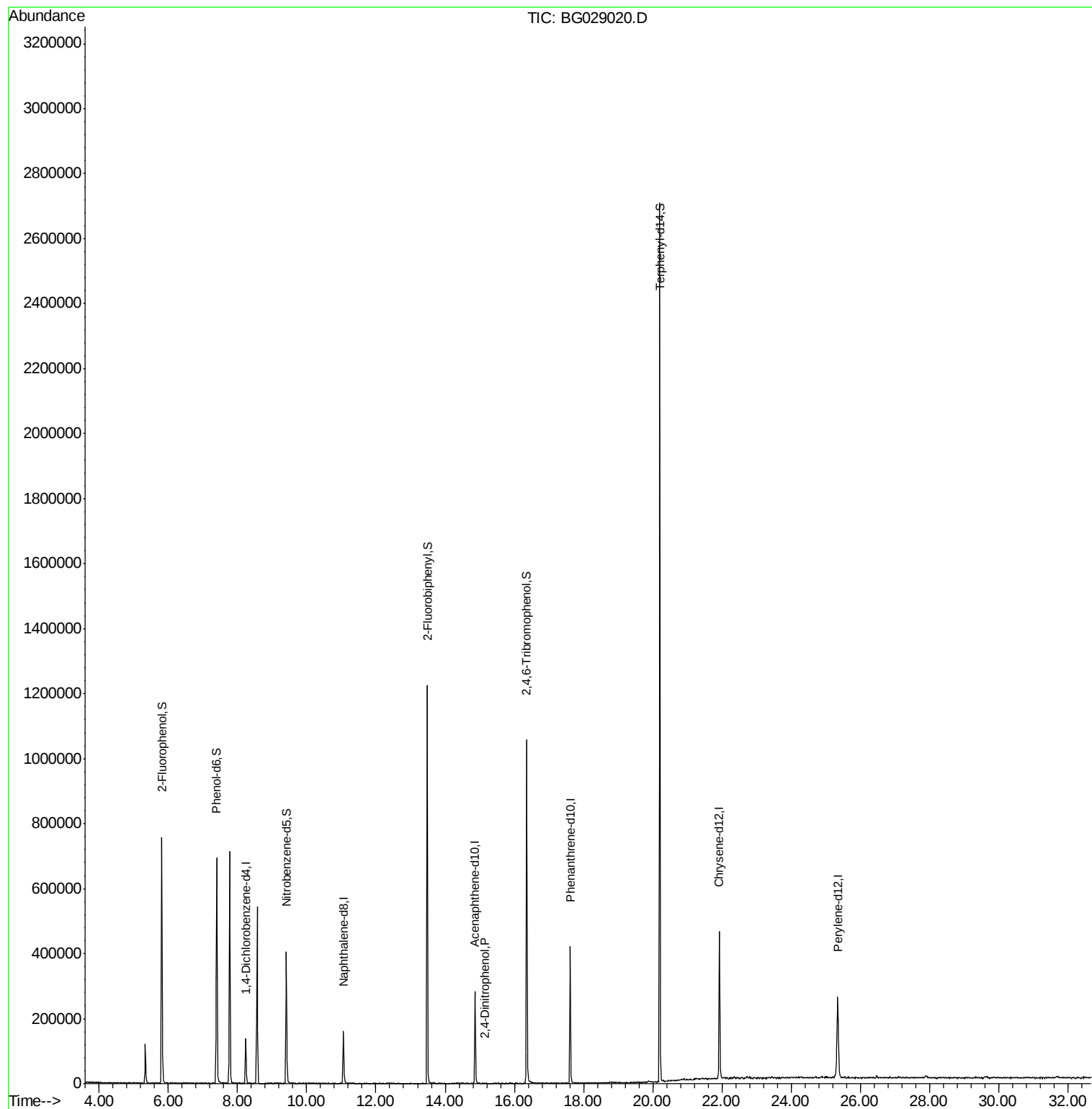
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.24	152	38638	20.00	ng	-0.09
21) Naphthalene-d8	11.06	136	146970	20.00	ng	-0.09
38) Acenaphthene-d10	14.86	164	101025	20.00	ng	-0.08
63) Phenanthrene-d10	17.61	188	282547	20.00	ng	-0.08
75) Chrysene-d12	21.93	240	315519	20.00	ng	-0.11
86) Perylene-d12	25.34	264	301000	20.00	ng	-0.18
System Monitoring Compounds						
5) 2-Fluorophenol	5.81	112	320075	136.69	ng	-0.09
7) Phenol-d6	7.40	99	412235	116.93	ng	-0.09
23) Nitrobenzene-d5	9.41	82	262808	85.54	ng	-0.09
41) 2,4,6-Tribromophenol	16.36	330	224564	134.40	ng	-0.08
44) 2-Fluorobiphenyl	13.48	172	660318	87.15	ng	-0.08
78) Terphenyl-d14	20.20	244	1298715	87.78	ng	-0.08
Target Compounds						
53) 2,4-Dinitrophenol	15.13	184	66	8.06	ng	Qvalue # 15

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

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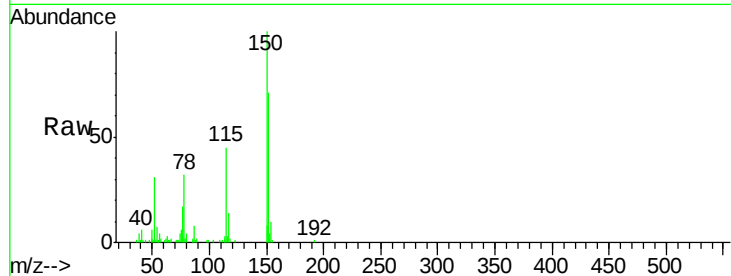


#1

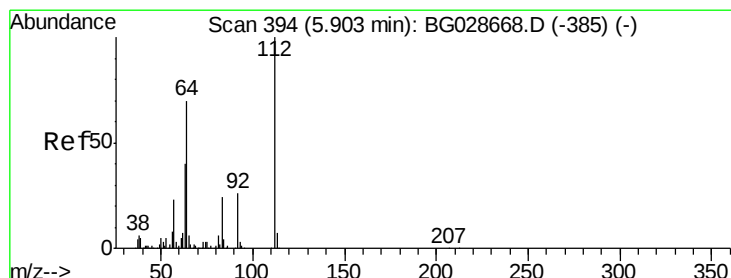
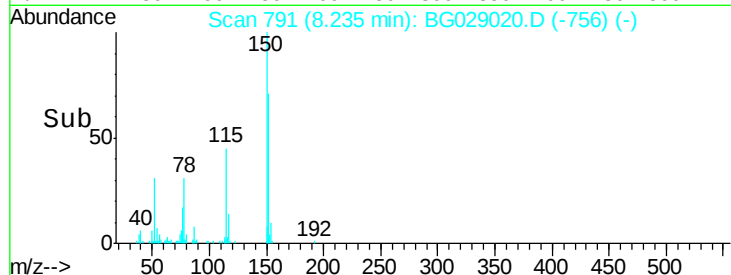
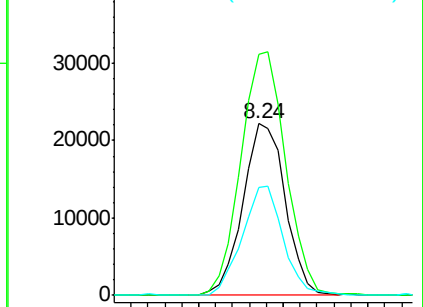
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.24 min Scan# 791
Delta R.T. -0.09 min
Lab File: BG029020.D
Acq: 4 Oct 2017 1:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 38638
Ion Ratio Lower Upper
152 100
150 140.5 114.0 171.0
115 62.6 48.1 72.1



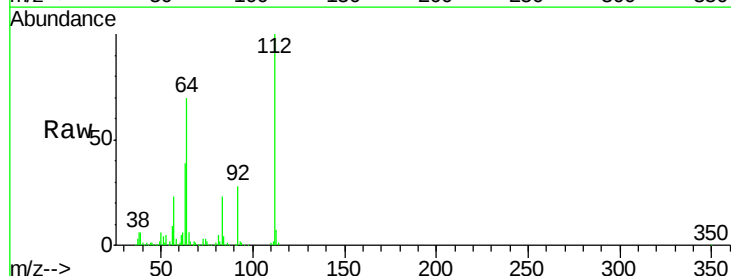
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



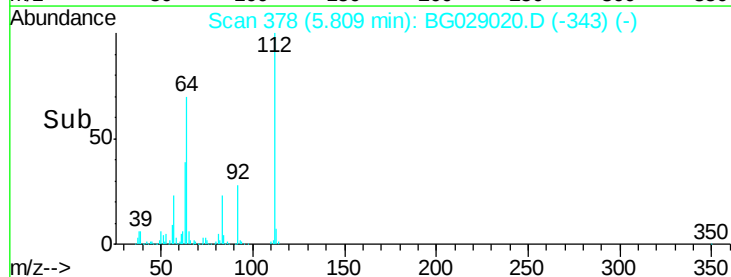
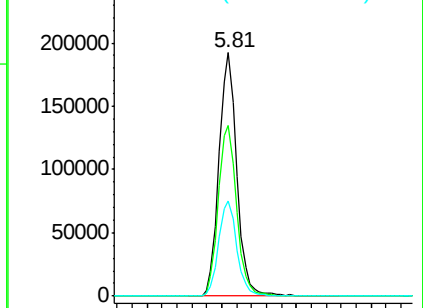
#5

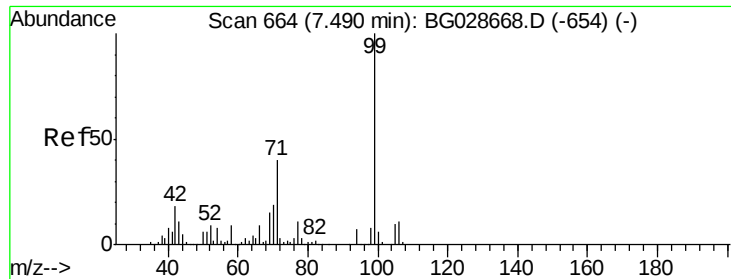
2-Fluorophenol
Concen: 136.69 ng
RT: 5.81 min Scan# 378
Delta R.T. -0.09 min
Lab File: BG029020.D
Acq: 4 Oct 2017 1:16

Tgt Ion:112 Resp: 320075
Ion Ratio Lower Upper
112 100
64 70.3 61.8 92.6
63 38.9 37.2 55.8



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG0
Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 116.93 ng

RT: 7.40 min Scan# 649

Delta R.T. -0.09 min

Lab File: BG029020.D

Acq: 4 Oct 2017 1:16

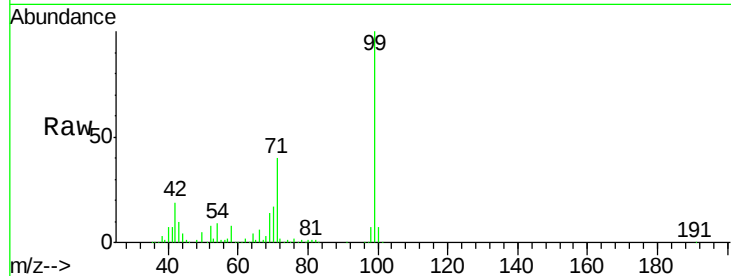
Instrument :

BNA_G

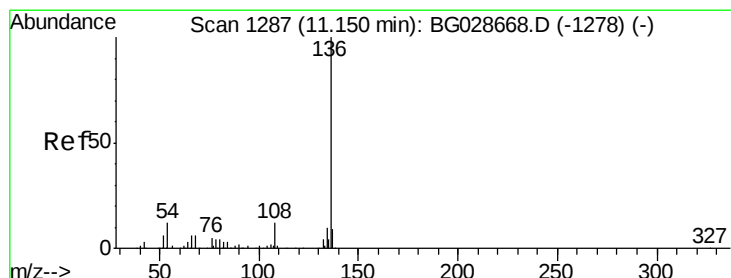
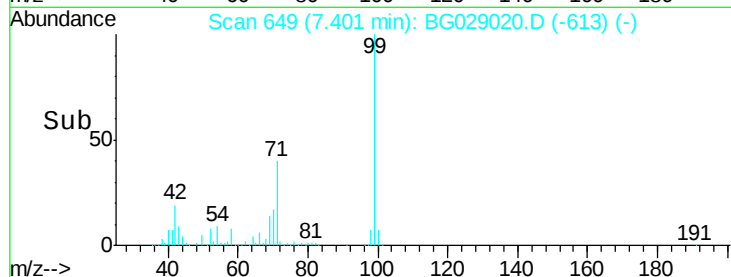
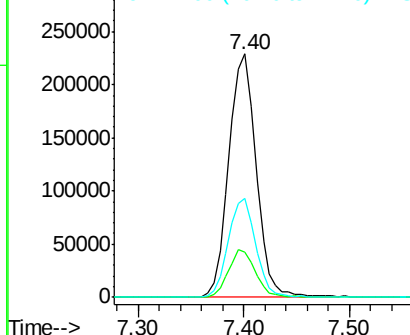
ClientSampleId :

Tot Ion: 99 Resp: 412235

Ion	Ratio	Lower	Upper
99	100		
42	18.7	20.5	30.7#
71	40.5	37.6	56.4



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: 20.00 ng

RT: 11.06 min Scan# 1271

Delta R.T. -0.09 min

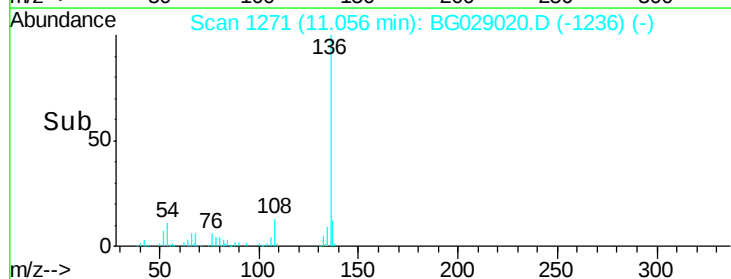
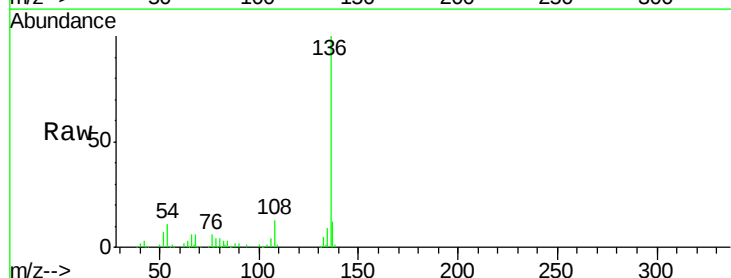
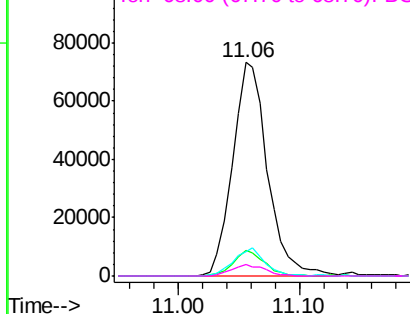
Lab File: BG029020.D

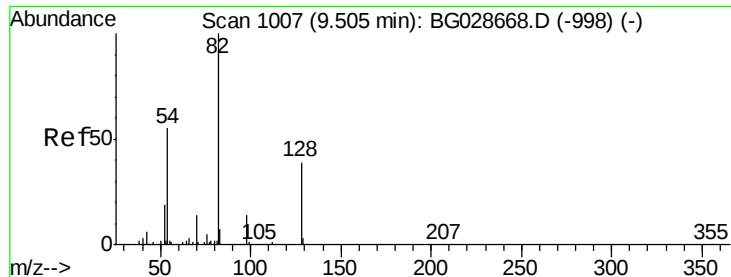
Acq: 4 Oct 2017 1:16

Tgt Ion: 136 Resp: 146970

Ion	Ratio	Lower	Upper
136	100		
137	12.2	8.9	13.3
54	11.1	9.3	13.9
68	5.6	5.1	7.7

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

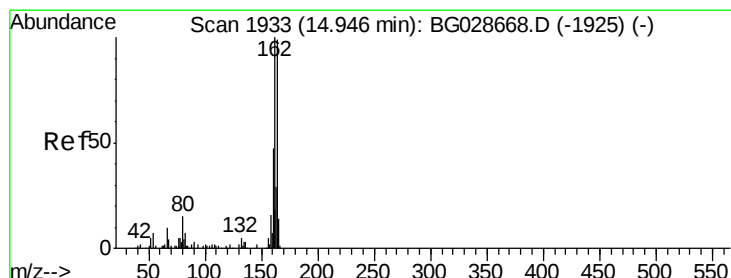
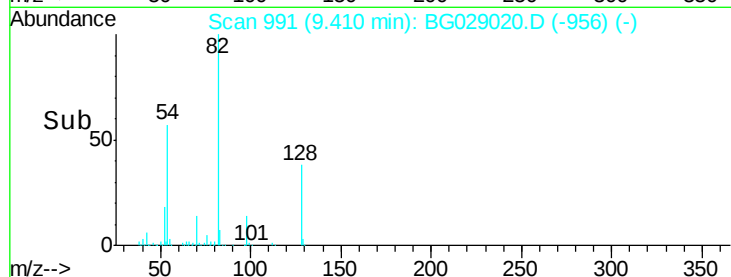
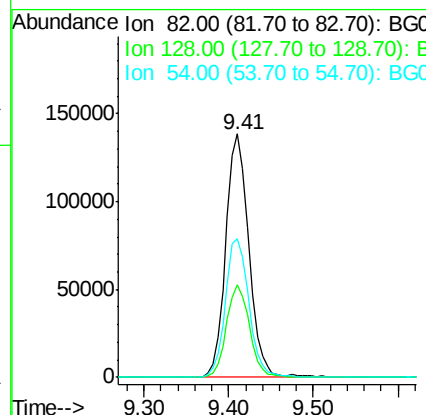
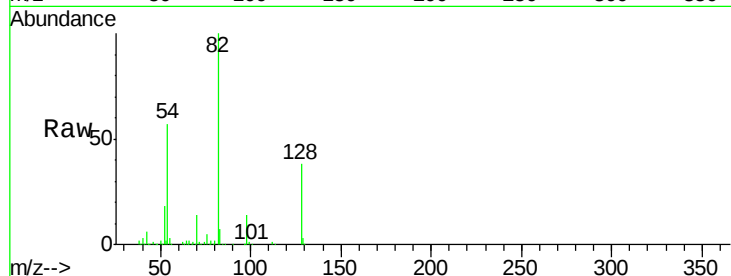




#23
 Nitrobenzene-d5
 Concen: 85.54 ng
 RT: 9.41 min Scan# 991
 Delta R.T. -0.09 min
 Lab File: BG029020.D
 Acq: 4 Oct 2017 1:16

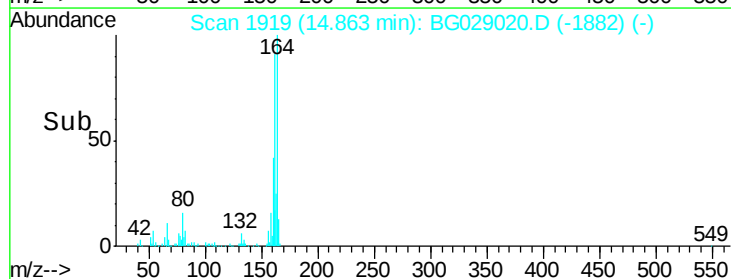
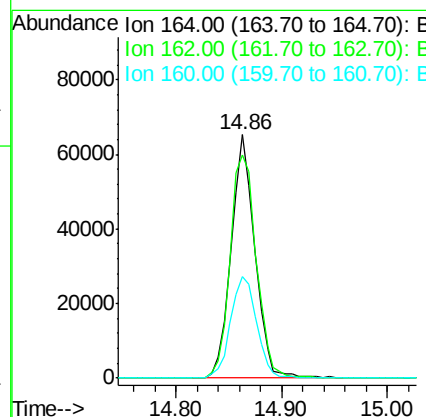
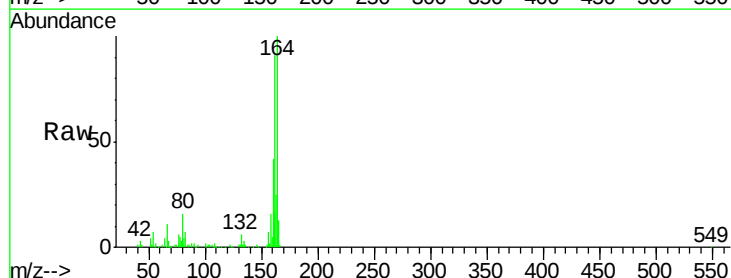
Instrument :
 BNA_G
 ClientSampleId :

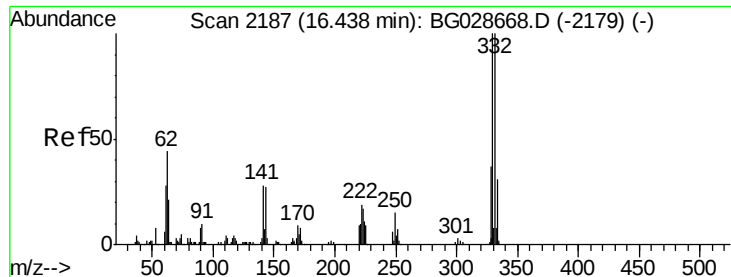
Tot Ion	82	Resp	262808
Ion	Ratio	Lower	Upper
82	100		
128	37.8	26.4	39.6
54	57.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.86 min Scan# 1919
 Delta R.T. -0.08 min
 Lab File: BG029020.D
 Acq: 4 Oct 2017 1:16

Tgt Ion	164	Resp	101025
Ion	Ratio	Lower	Upper
164	100		
162	91.4	85.1	127.7
160	41.7	34.7	52.1

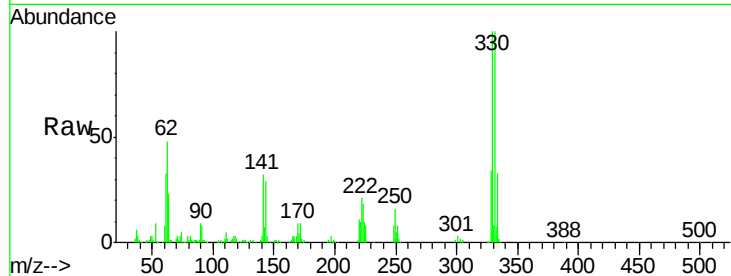




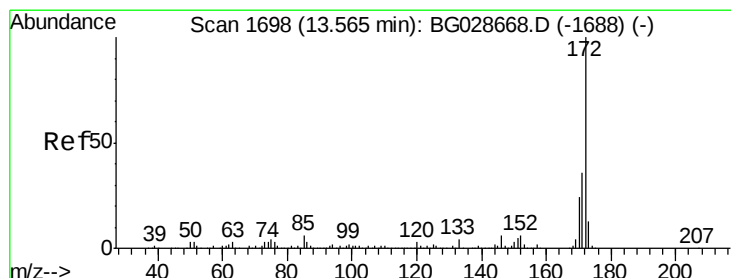
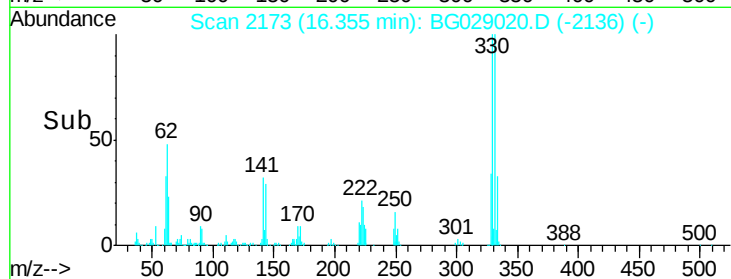
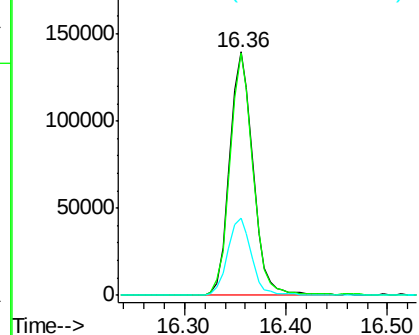
#41
 2,4,6-Tribromophenol
 Concen: 134.40 ng
 RT: 16.36 min Scan# 2173
 Delta R.T. -0.08 min
 Lab File: BG029020.D
 Acq: 4 Oct 2017 1:16

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.9	77.3	115.9
141	32.1	32.1	48.1#

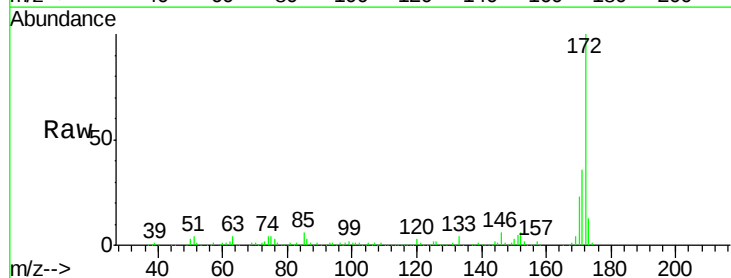


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

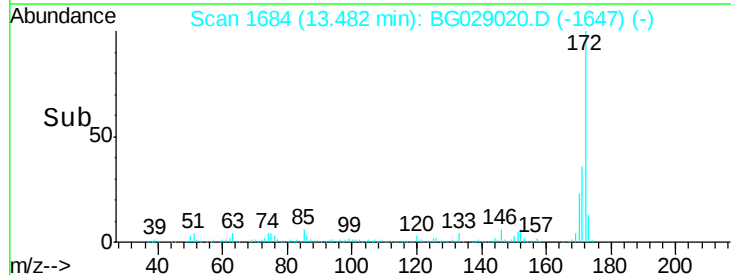
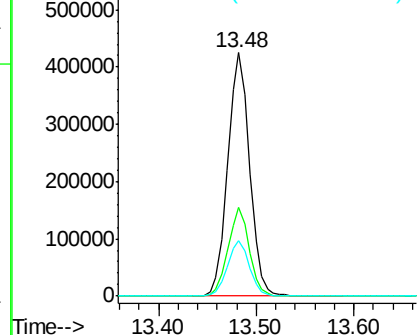


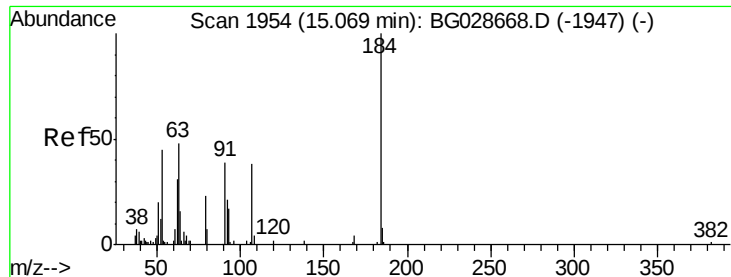
#44
 2-Fluorobiphenyl
 Concen: 87.15 ng
 RT: 13.48 min Scan# 1684
 Delta R.T. -0.08 min
 Lab File: BG029020.D
 Acq: 4 Oct 2017 1:16

Tgt Ion	Ratio	Lower	Upper
172	100		
171	36.3	32.2	48.2
170	22.7	21.8	32.6



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

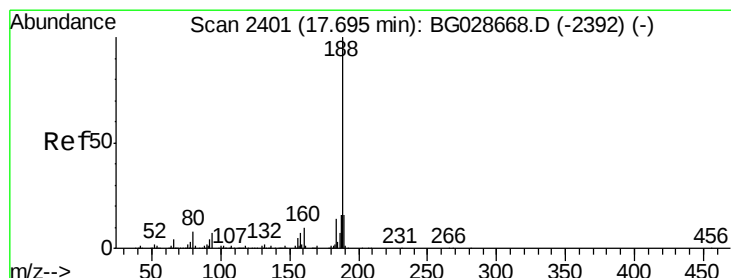
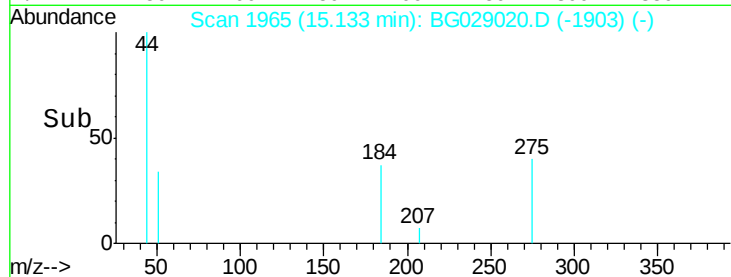
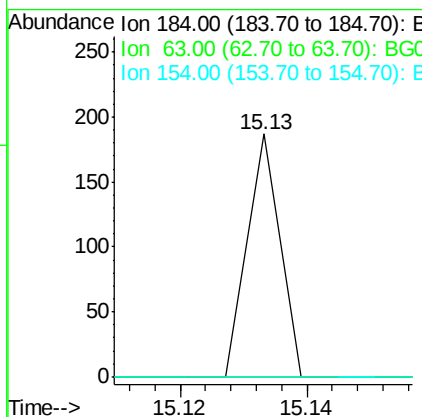
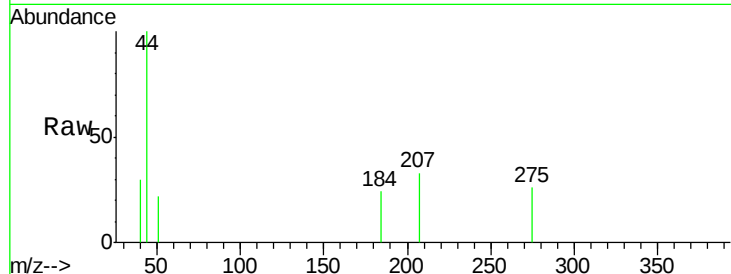




#53
 2,4-Dinitrophenol
 Concen: 8.06 ng
 RT: 15.13 min Scan# 1965
 Delta R.T. 0.06 min
 Lab File: BG029020.D
 Acq: 4 Oct 2017 1:16

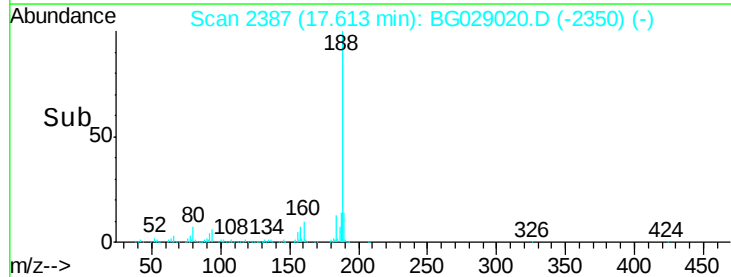
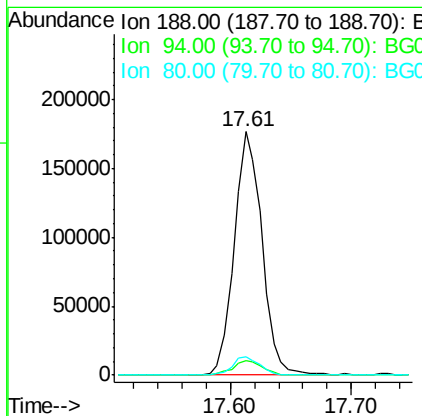
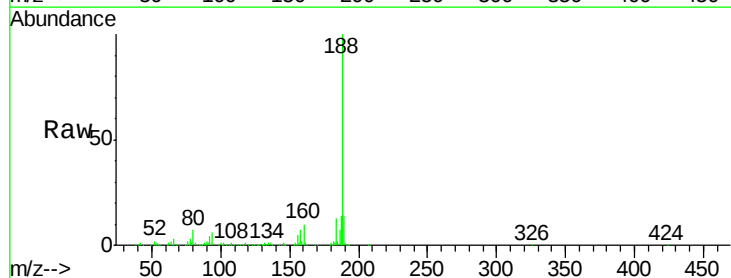
Instrument :
 BNA_G
 ClientSampled :

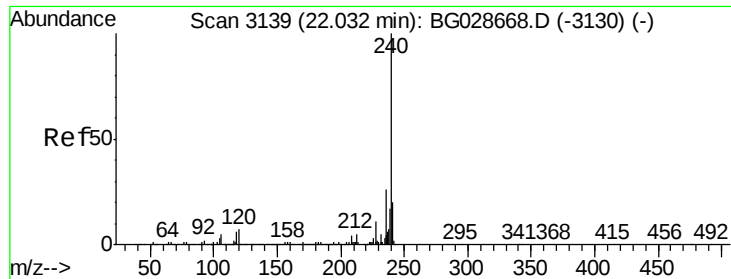
Tot Ion:184 Resp: 66
 Ion Ratio Lower Upper
 184 100
 63 0.0 52.7 79.1#
 154 0.0 57.3 85.9#



#63
 Phenanthrene-d10
 Concen: 20.00 ng
 RT: 17.61 min Scan# 2387
 Delta R.T. -0.08 min
 Lab File: BG029020.D
 Acq: 4 Oct 2017 1:16

Tgt Ion:188 Resp: 282547
 Ion Ratio Lower Upper
 188 100
 94 6.1 5.8 8.8
 80 7.4 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.93 min Scan# 3121

Delta R.T. -0.11 min

Lab File: BG029020.D

Acq: 4 Oct 2017 1:16

Instrument :

BNA_G

ClientSampleId :

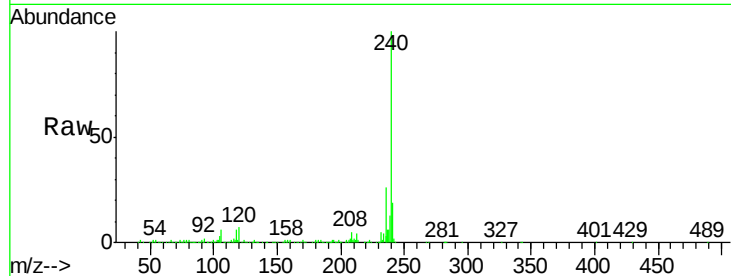
Tot Ion:240 Resp: 315519

Ion Ratio Lower Upper

240 100

120 6.7 5.7 8.5

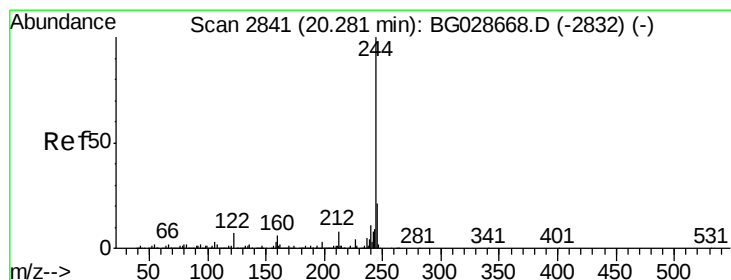
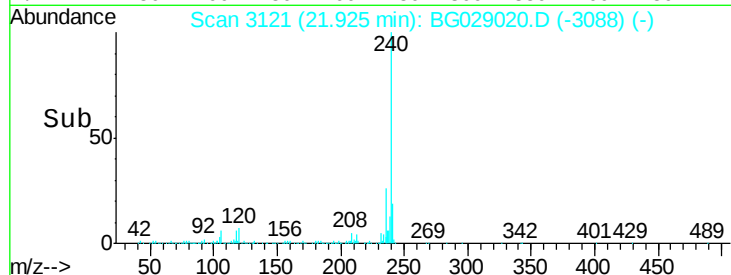
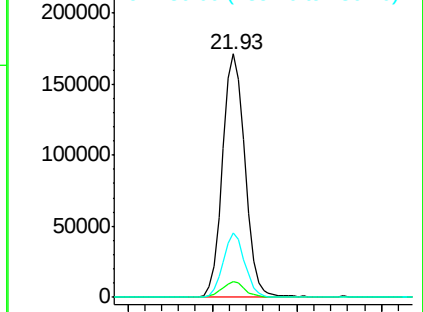
236 26.4 22.2 33.4



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: 87.78 ng

RT: 20.20 min Scan# 2828

Delta R.T. -0.08 min

Lab File: BG029020.D

Acq: 4 Oct 2017 1:16

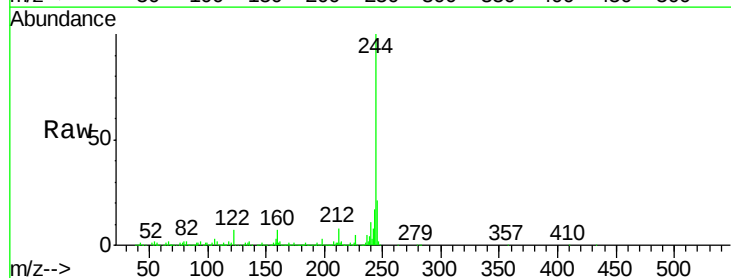
Tgt Ion:244 Resp: 1298715

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

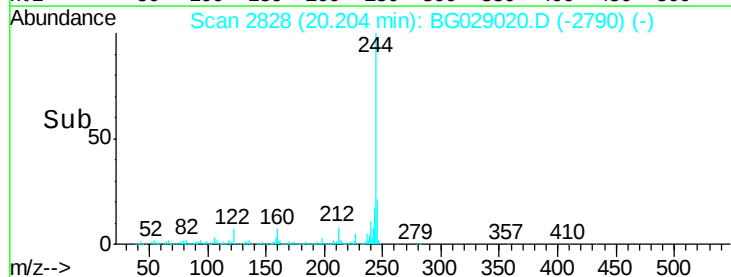
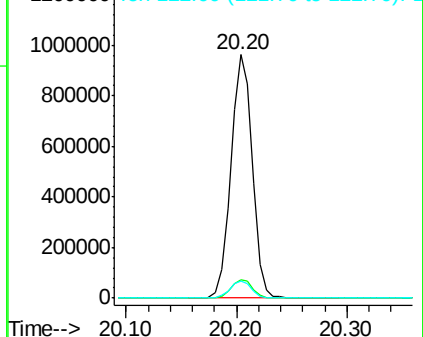
122 7.1 8.6 12.8#

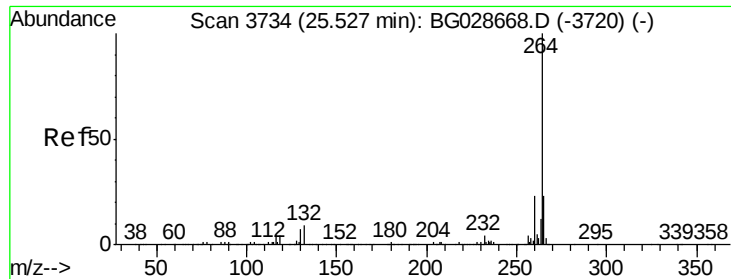


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

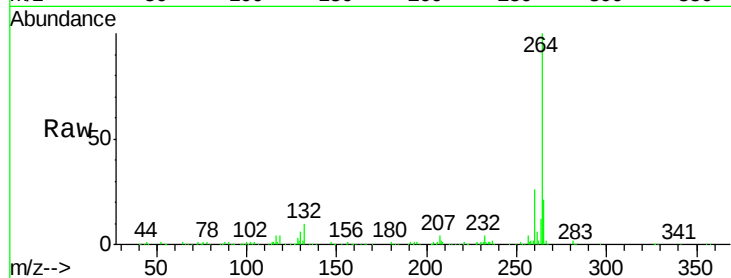




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.34 min Scan# 3703
Delta R.T. -0.18 min
Lab File: BG029020.D
Acq: 4 Oct 2017 1:16

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.7	21.8	32.8
265	20.6	18.2	27.4



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

