

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092117\
 Data File : BG028871.D
 Acq On : 21 Sep 2017 23:43
 Operator : SJ/JU
 Sample : I5331-06
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 22 00:58:23 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

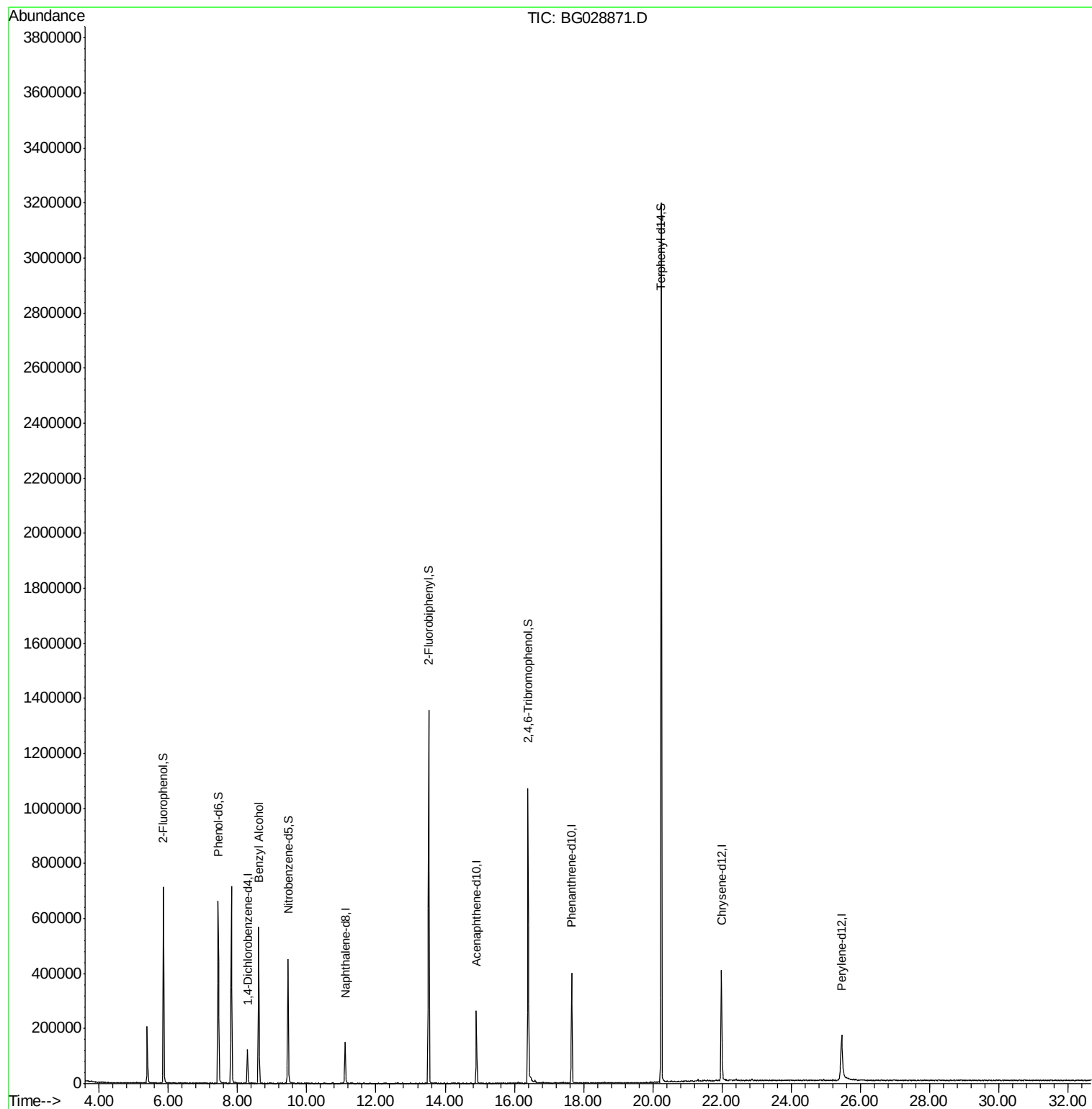
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	34011	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	131486	20.00	ng	-0.04
38) Acenaphthene-d10	14.90	164	97530	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	272540	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	308211	20.00	ng	-0.05
86) Perylene-d12	25.45	264	280545	20.00	ng	-0.08
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	313518	152.10	ng	-0.04
7) Phenol-d6	7.44	99	394677	127.18	ng	-0.05
23) Nitrobenzene-d5	9.46	82	290307	105.62	ng	-0.05
41) 2,4,6-Tribromophenol	16.40	330	248282	153.92	ng	-0.04
44) 2-Fluorobiphenyl	13.52	172	745482	101.92	ng	-0.04
78) Terphenyl-d14	20.25	244	1495988	103.51	ng	-0.04
Target Compounds						
15) Benzyl Alcohol	8.61	79	5044	2.08	ng	Qvalue # 55

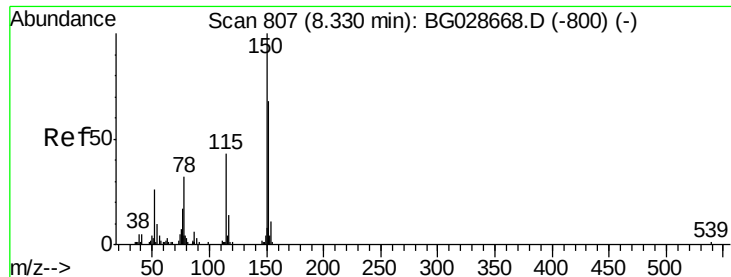
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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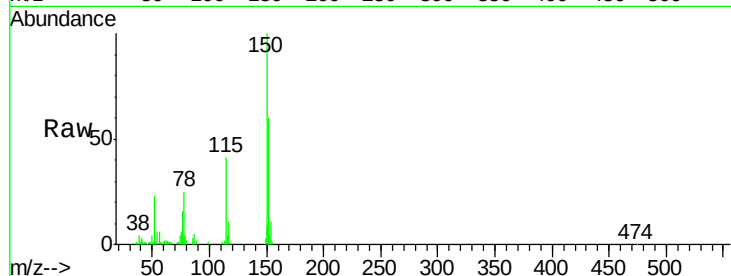


#1

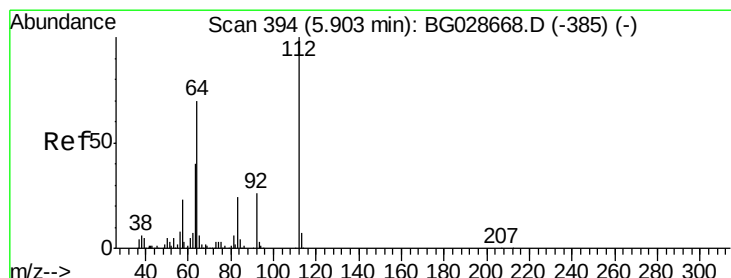
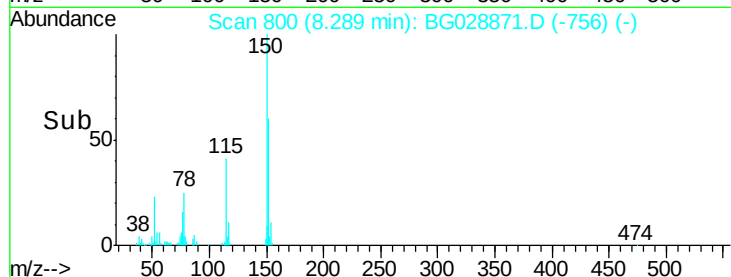
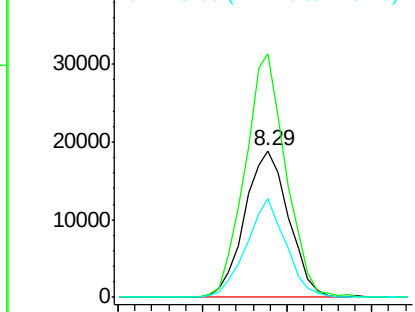
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.29 min Scan# 800
Delta R.T. -0.04 min
Lab File: BG028871.D
Acq: 21 Sep 2017 23:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
152	100		
150	165.7	114.0	171.0
115	67.8	48.1	72.1



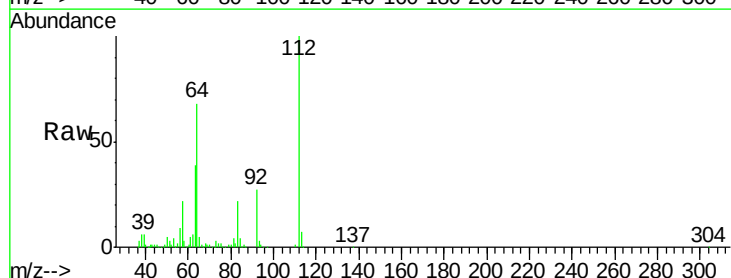
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



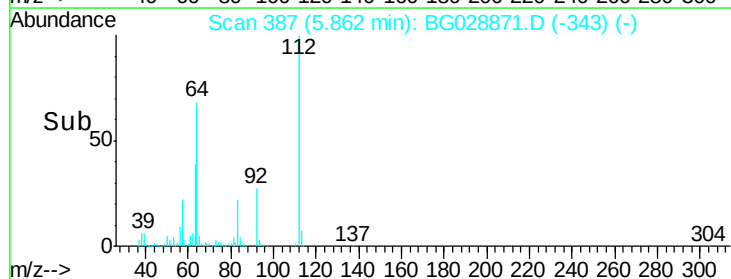
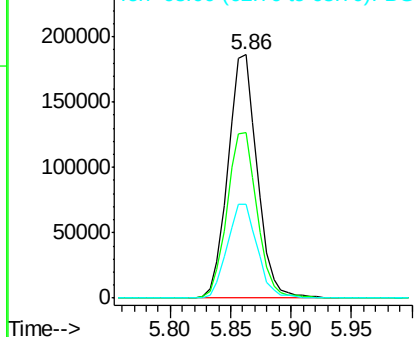
#5

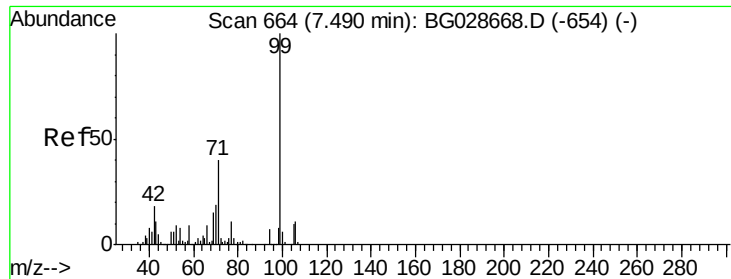
2-Fluorophenol
Concen: 152.10 ng
RT: 5.86 min Scan# 387
Delta R.T. -0.04 min
Lab File: BG028871.D
Acq: 21 Sep 2017 23:43

Tgt Ion	Ratio	Lower	Upper
112	100		
64	68.1	61.8	92.6
63	38.5	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: 127.18 ng

RT: 7.44 min Scan# 656

Delta R.T. -0.05 min

Lab File: BG028871.D

Acq: 21 Sep 2017 23:43

Instrument :

BNA_G

ClientSampled :

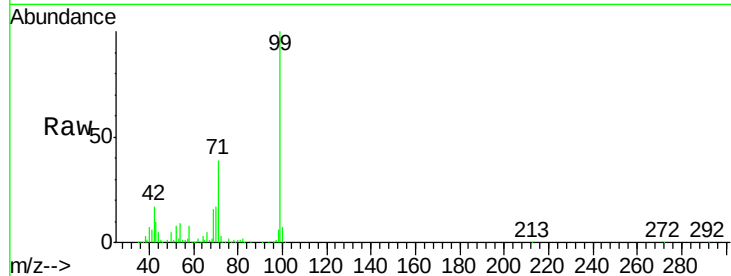
Tot Ion: 99 Resp: 394677

Ion Ratio Lower Upper

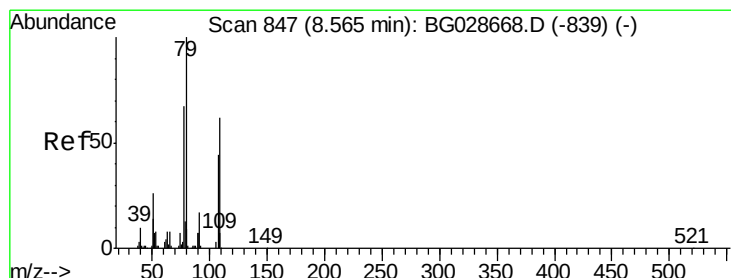
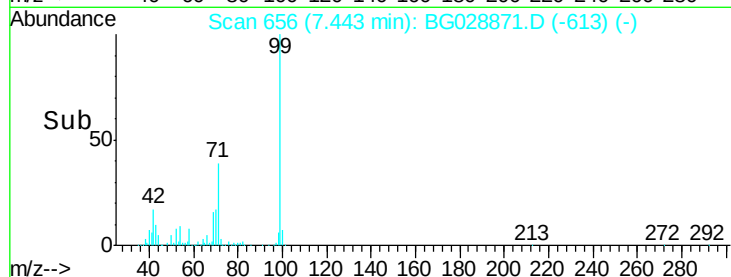
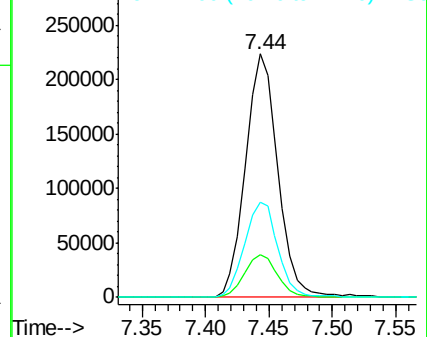
99 100

42 17.3 20.5 30.7#

71 39.0 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



#15

Benzyl Alcohol

Concen: 2.08 ng

RT: 8.61 min Scan# 855

Delta R.T. 0.05 min

Lab File: BG028871.D

Acq: 21 Sep 2017 23:43

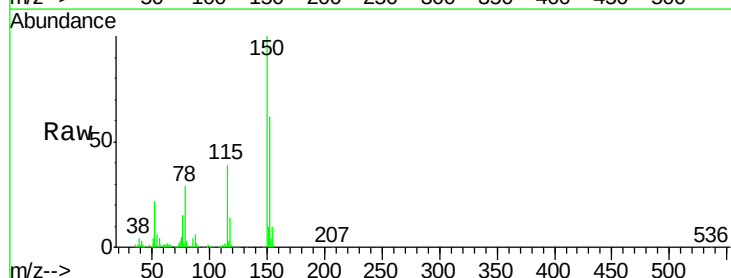
Tgt Ion: 79 Resp: 5044

Ion Ratio Lower Upper

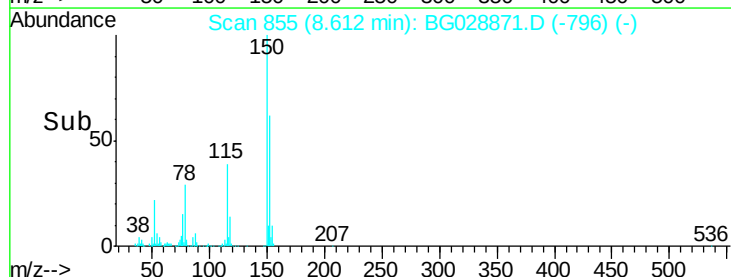
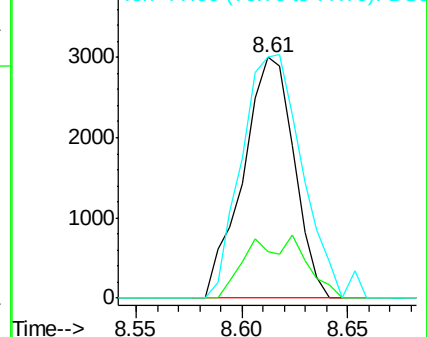
79 100

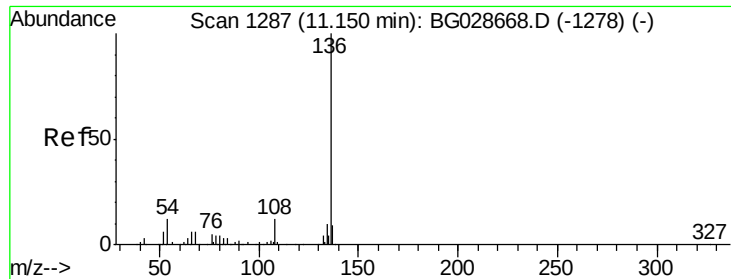
108 19.3 45.5 68.3#

77 100.3 54.3 81.5#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

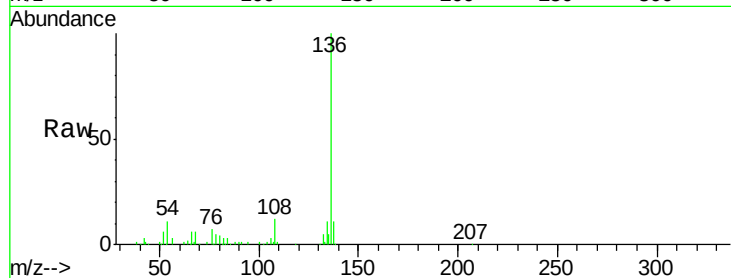




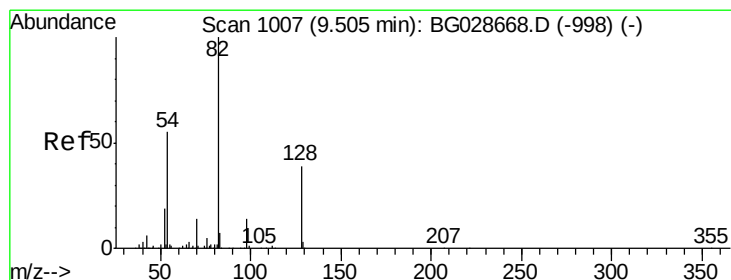
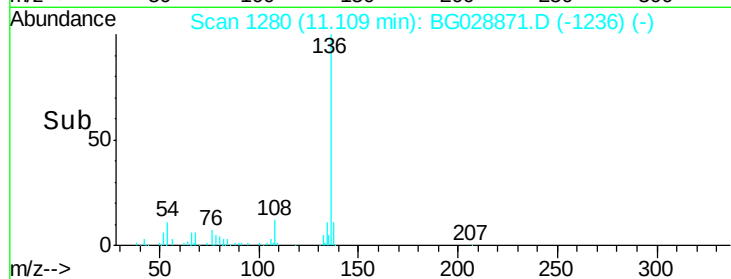
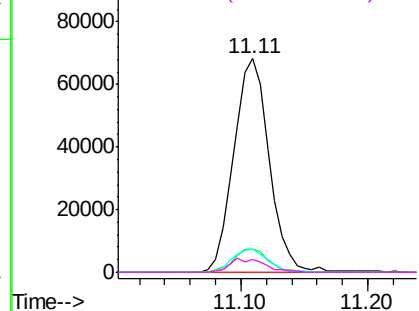
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 11.11 min Scan# 1280
Delta R.T. -0.04 min
Lab File: BG028871.D
Acq: 21 Sep 2017 23:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	131486
Ion Ratio	Lower	Upper
136	100	
137	10.6	8.9 13.3
54	10.5	9.3 13.9
68	5.9	5.1 7.7

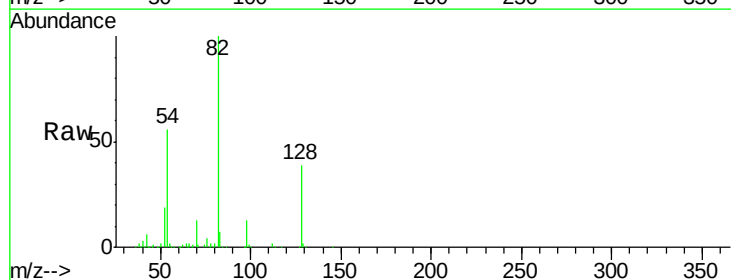


Abundance Ion 136.00 (135.70 to 136.70): B
Ion 137.00 (136.70 to 137.70): B
Ion 54.00 (53.70 to 54.70): B
Ion 68.00 (67.70 to 68.70): B

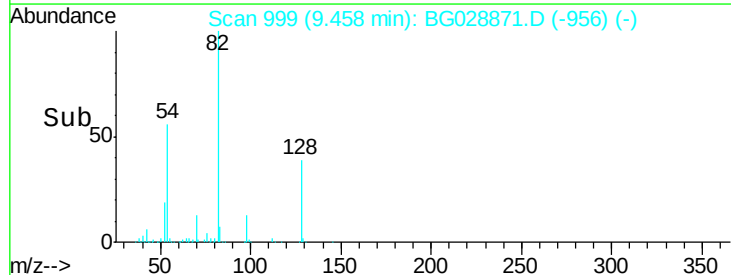
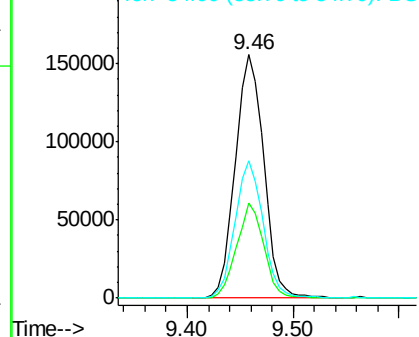


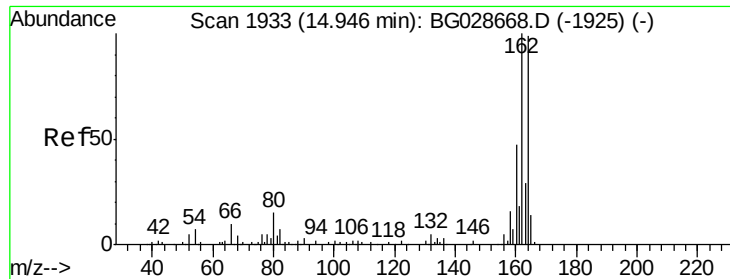
#23
Nitrobenzene-d5
Concen: 105.62 ng
RT: 9.46 min Scan# 999
Delta R.T. -0.05 min
Lab File: BG028871.D
Acq: 21 Sep 2017 23:43

Tgt Ion: 82	Resp:	290307
Ion Ratio	Lower	Upper
82	100	
128	39.0	26.4 39.6
54	56.4	49.4 74.2



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

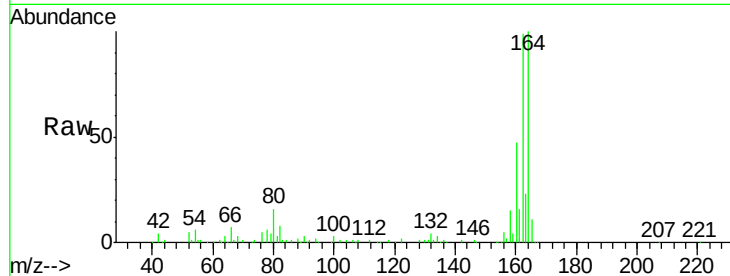




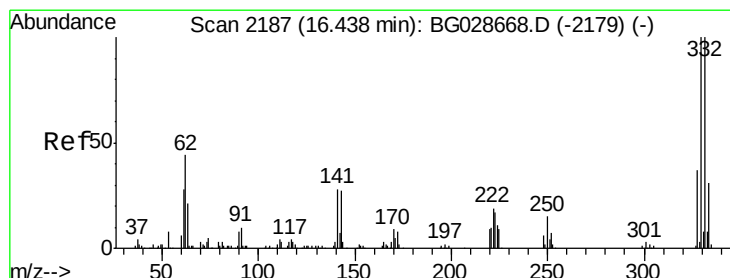
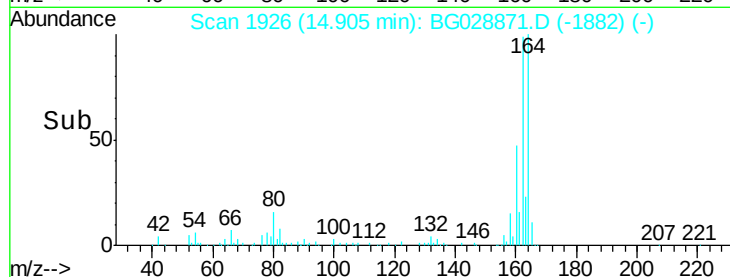
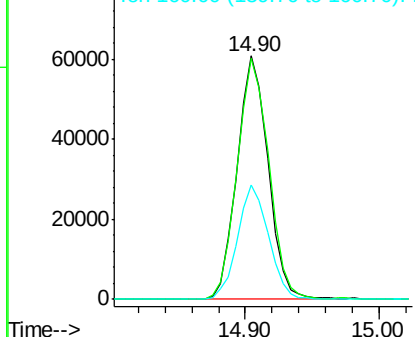
#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.90 min Scan# 1926
Delta R.T. -0.04 min
Lab File: BG028871.D
Acq: 21 Sep 2017 23:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:164 Resp: 97530
Ion Ratio Lower Upper
164 100
162 98.9 85.1 127.7
160 47.1 34.7 52.1

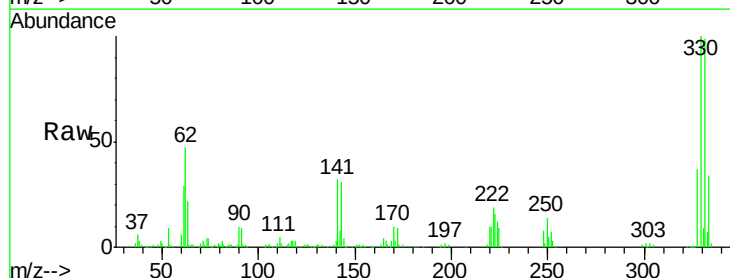


Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

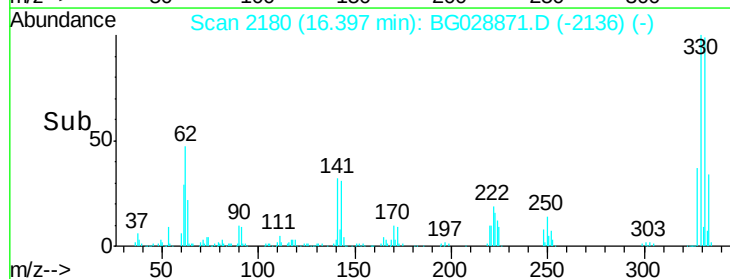
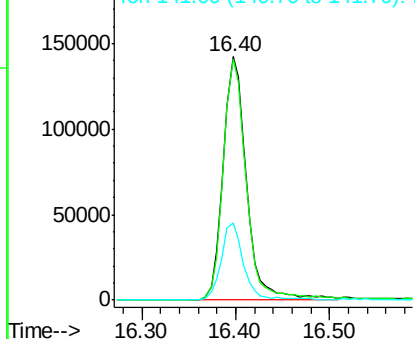


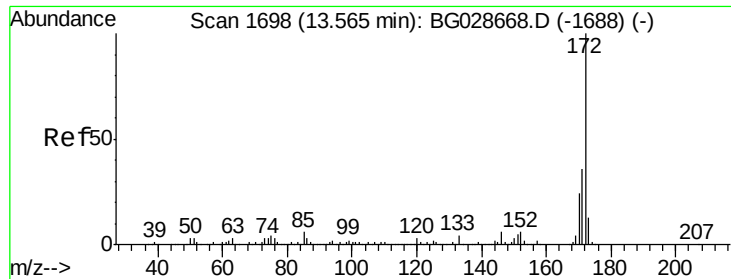
#41
2,4,6-Tribromophenol
Concen: 153.92 ng
RT: 16.40 min Scan# 2180
Delta R.T. -0.04 min
Lab File: BG028871.D
Acq: 21 Sep 2017 23:43

Tgt Ion:330 Resp: 248282
Ion Ratio Lower Upper
330 100
332 98.0 77.3 115.9
141 29.7 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

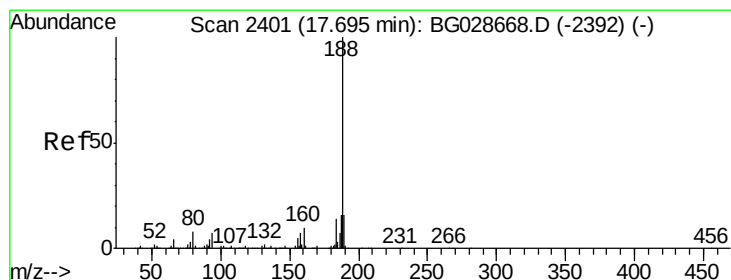
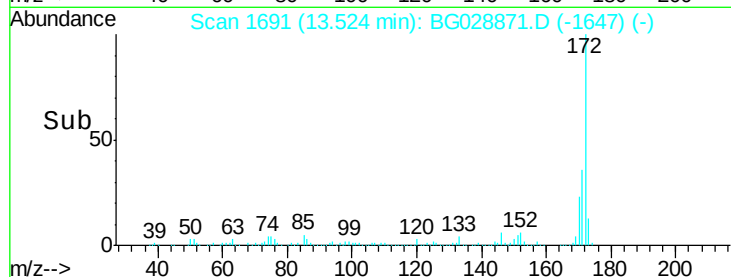
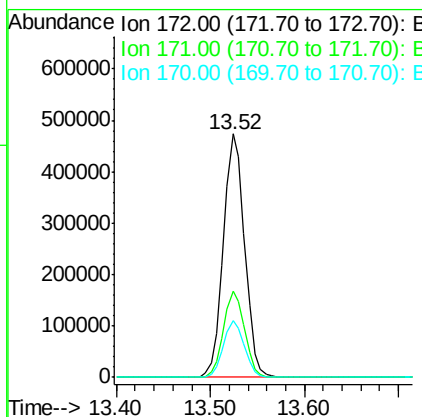
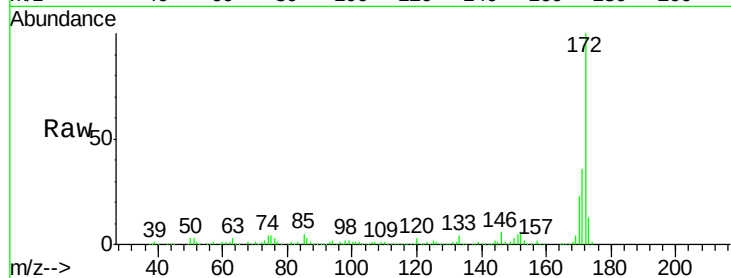




#44
2-Fluorobiphenyl
Concen: 101.92 ng
RT: 13.52 min Scan# 1691
Delta R.T. -0.04 min
Lab File: BG028871.D
Acq: 21 Sep 2017 23:43

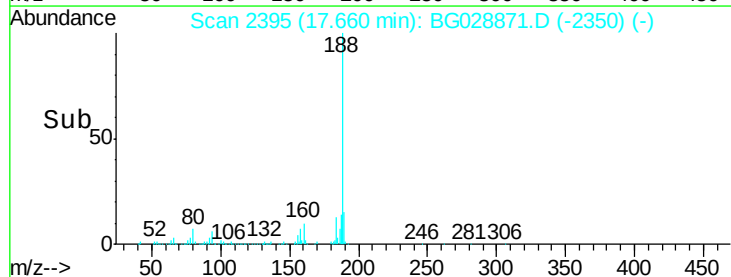
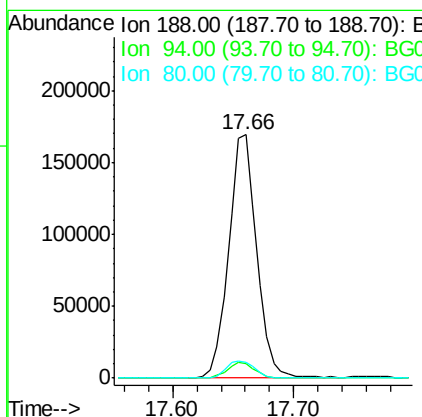
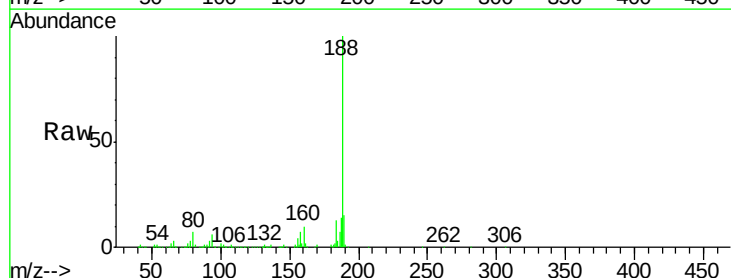
Instrument :
BNA_G
ClientSampleId :

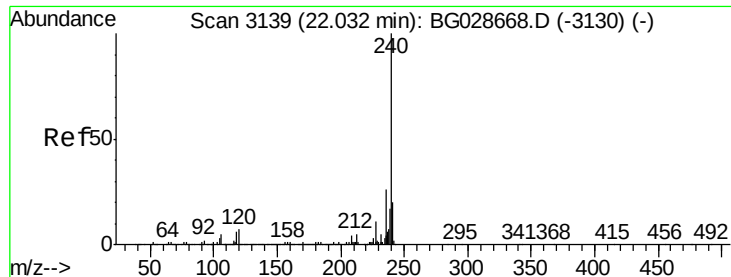
Tot Ion:172 Resp: 745482
Ion Ratio Lower Upper
172 100
171 35.6 32.2 48.2
170 23.2 21.8 32.6



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.66 min Scan# 2395
Delta R.T. -0.04 min
Lab File: BG028871.D
Acq: 21 Sep 2017 23:43

Tgt Ion:188 Resp: 272540
Ion Ratio Lower Upper
188 100
94 6.0 5.8 8.8
80 6.6 7.5 11.3#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.98 min Scan# 3131

Delta R.T. -0.05 min

Lab File: BG028871.D

Acq: 21 Sep 2017 23:43

Instrument :

BNA_G

ClientSampleId :

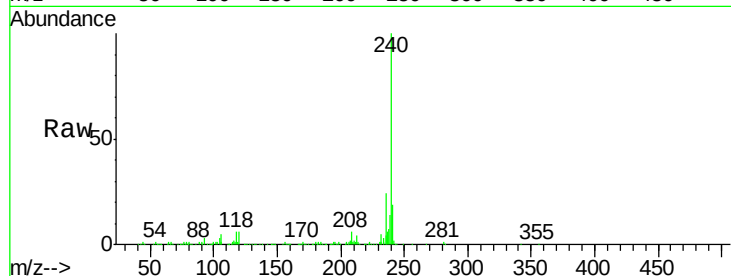
Tot Ion:240 Resp: 308211

Ion Ratio Lower Upper

240 100

120 5.8 5.7 8.5

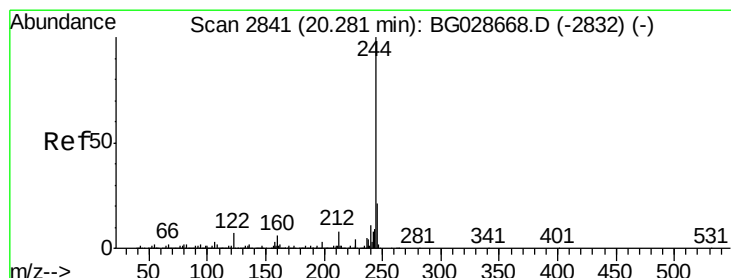
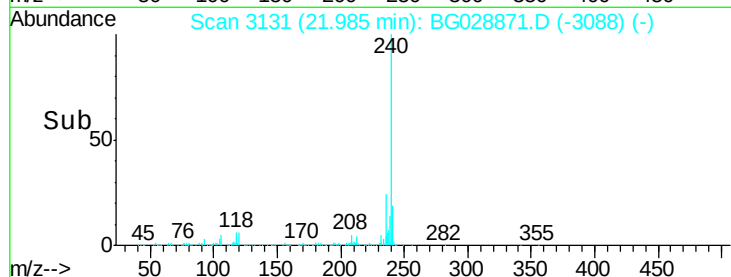
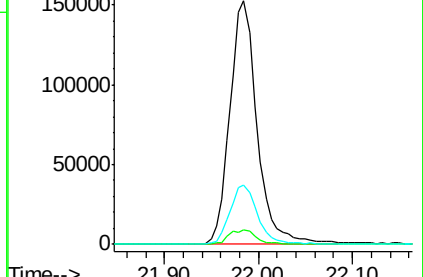
236 24.1 22.2 33.4



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: 103.51 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.04 min

Lab File: BG028871.D

Acq: 21 Sep 2017 23:43

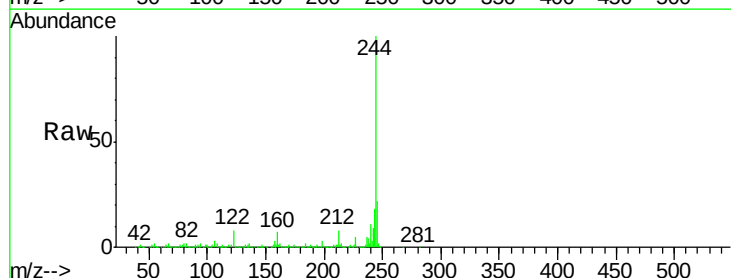
Tgt Ion:244 Resp: 1495988

Ion Ratio Lower Upper

244 100

212 7.7 10.0 15.0#

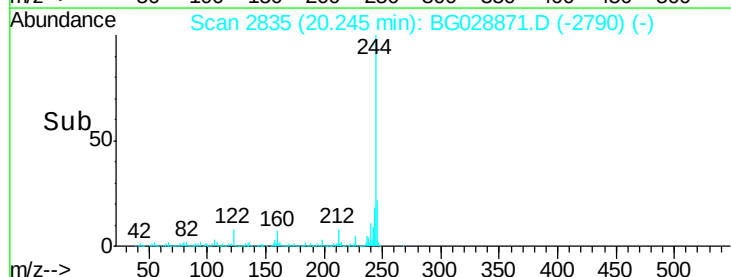
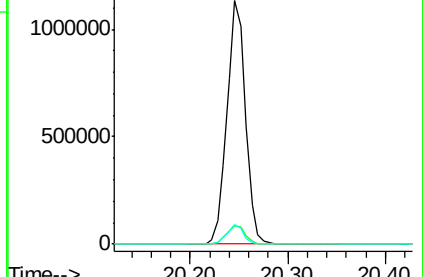
122 7.9 8.6 12.8#

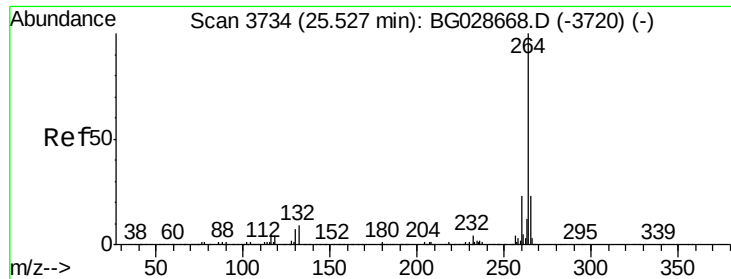


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

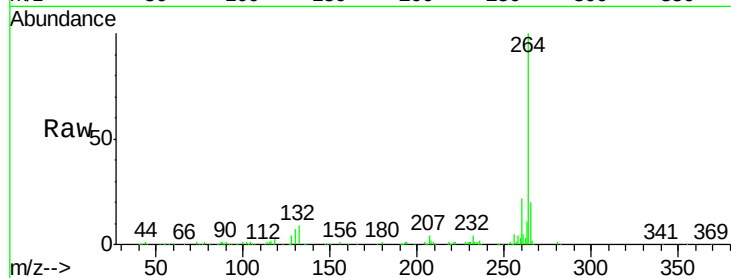




#86
 Pervlene-d12
 Concen: 20.00 ng
 RT: 25.45 min Scan# 3721
 Delta R.T. -0.08 min
 Lab File: BG028871.D
 Acq: 21 Sep 2017 23:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	22.4	21.8	32.8
265	20.3	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

