

Data Path : Z:\HPCHEM1\BNA G\DATA\BG092917\
 Data File : BG028972.D
 Acq On : 29 Sep 2017 17:00
 Operator : SJ/JU
 Sample : I5450-14
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20170661-A-C-2

Quant Time: Sep 29 18:00:33 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 29 17:54:09 2017
 Response via : Initial Calibration

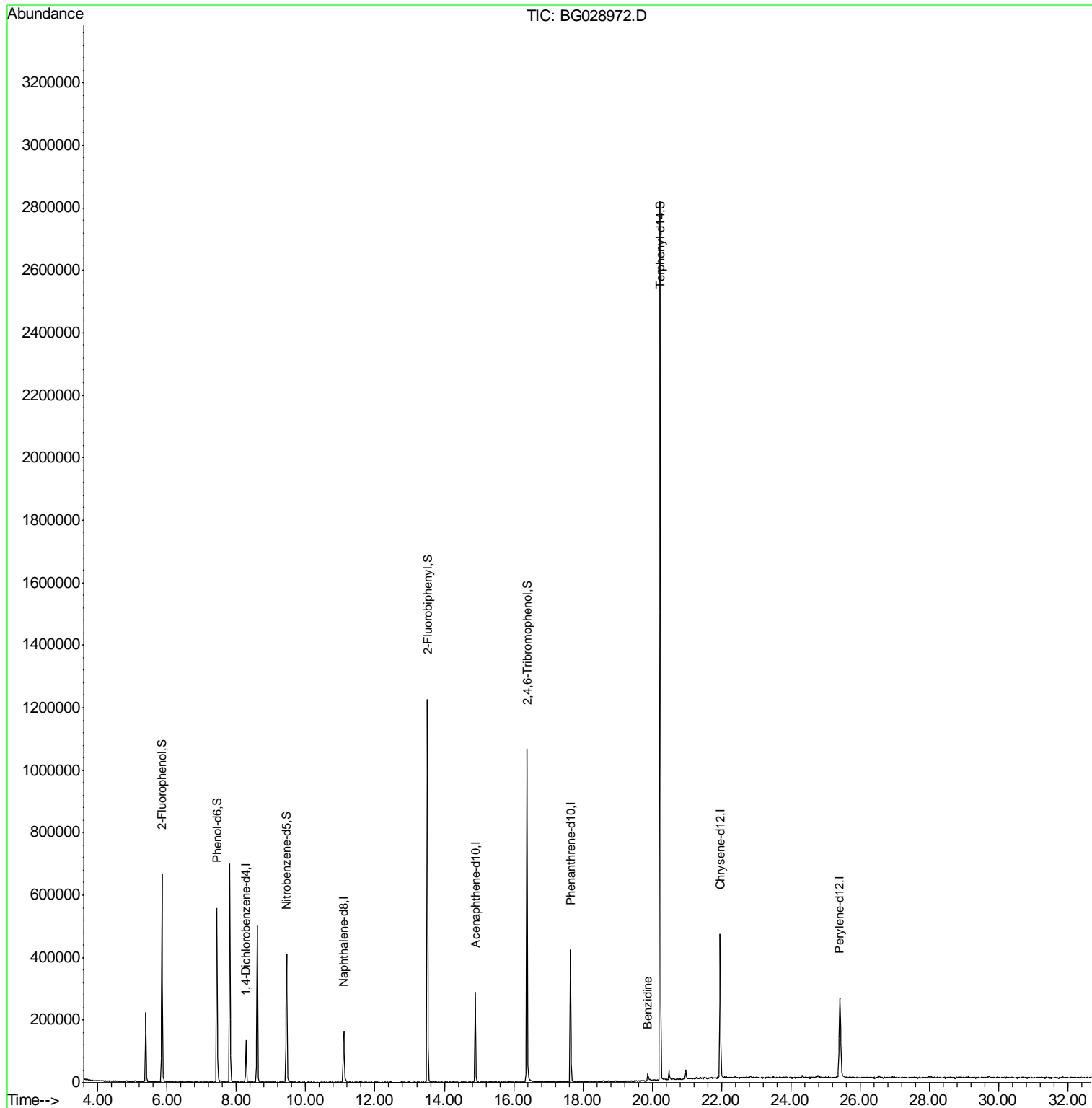
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.28	152	37972	20.00	ng	0.00
21) Naphthalene-d8	11.10	136	146899	20.00	ng	0.00
38) Acenaphthene-d10	14.89	164	104954	20.00	ng	0.00
63) Phenanthrene-d10	17.65	188	285474	20.00	ng	0.00
75) Chrysene-d12	21.96	240	337569	20.00	ng	0.00
86) Perylene-d12	25.42	264	337987	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.85	112	283064	123.00	ng	0.00
7) Phenol-d6	7.44	99	350292	101.10	ng	0.00
23) Nitrobenzene-d5	9.45	82	273206	88.97	ng	0.00
41) 2,4,6-Tribromophenol	16.39	330	234916	135.33	ng	0.00
44) 2-Fluorobiphenyl	13.51	172	676291	85.92	ng	0.00
78) Terphenyl-d14	20.23	244	1372354	86.70	ng	0.00
Target Compounds						
76) Benzidine	19.87	184	21179	2.419	ng	95

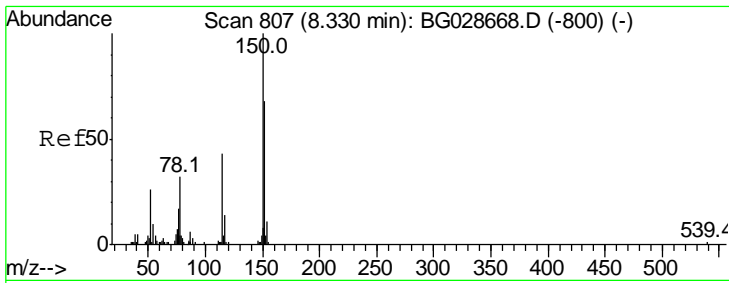
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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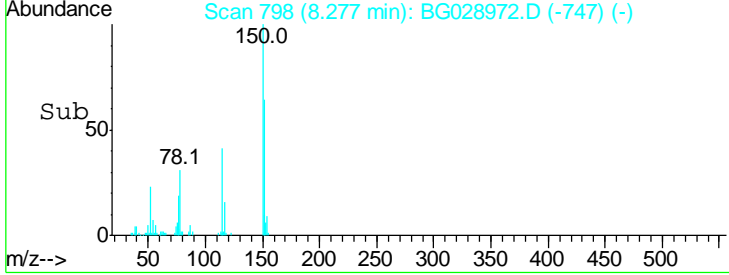
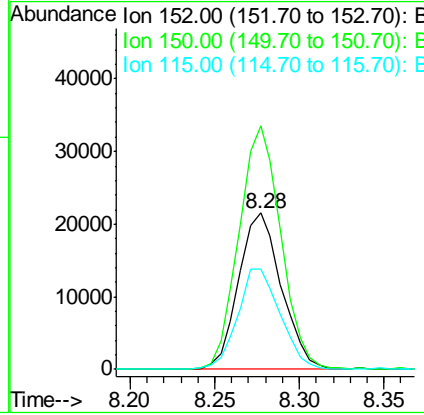
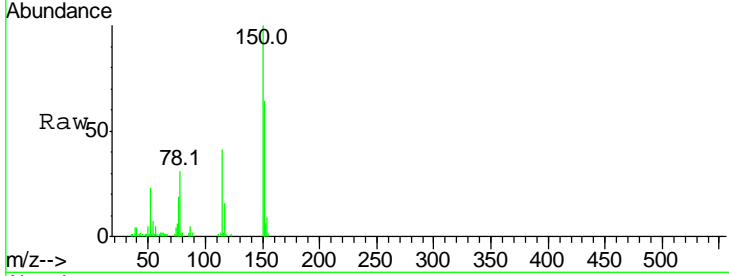




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.28 min Scan# 798
 Delta R.T. 0.00 min
 Lab File: BG028972.D
 Acq: 29 Sep 2017 17:00

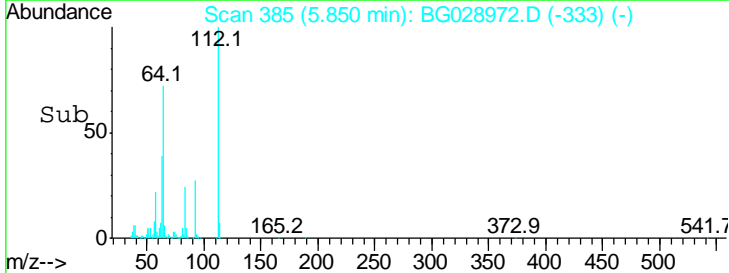
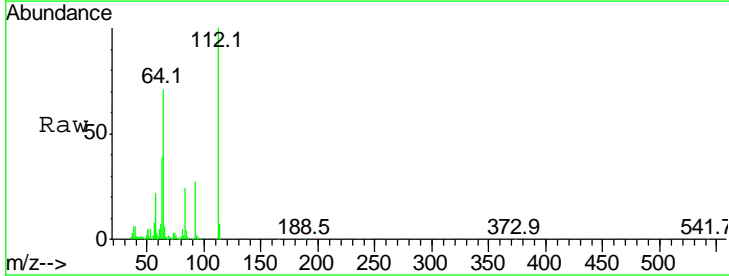
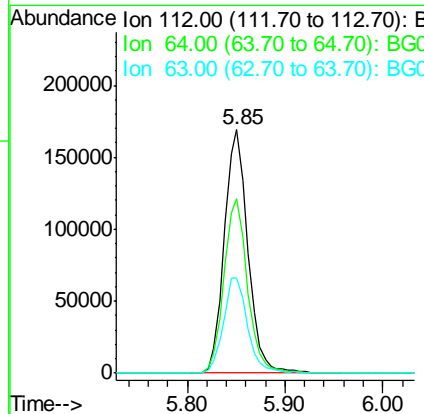
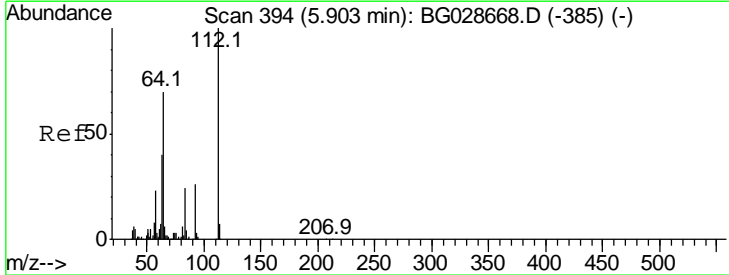
Instrument :
 BNA_G
ClientSampled :
 20170661-A-C-2

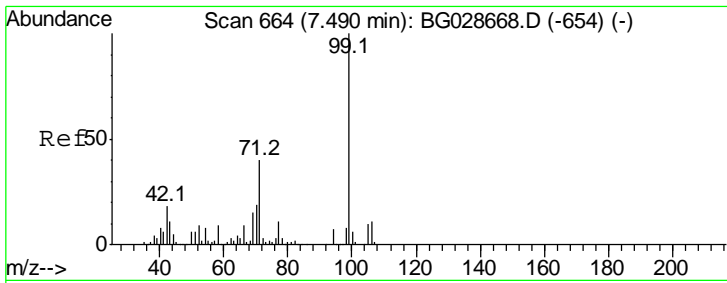
Tgt Ion	Resp	Lower	Upper
152	37972		
152	100		
150	156.0	114.0	171.0
115	64.4	48.1	72.1



#5
 2-Fluorophenol
 Concen: 123.004 ng
 RT: 5.85 min Scan# 385
 Delta R.T. 0.01 min
 Lab File: BG028972.D
 Acq: 29 Sep 2017 17:00

Tgt Ion	Resp	Lower	Upper
112	283064		
112	100		
64	71.5	61.8	92.6
63	39.3	37.2	55.8

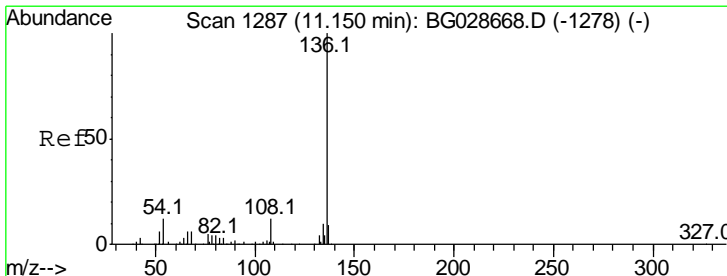
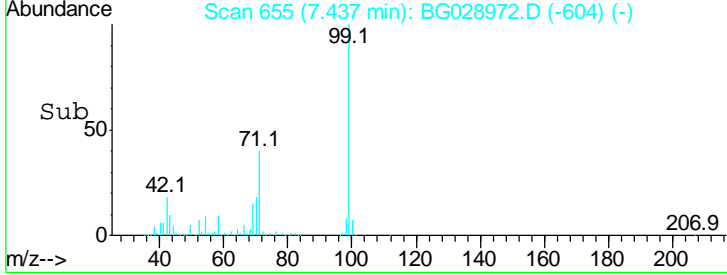
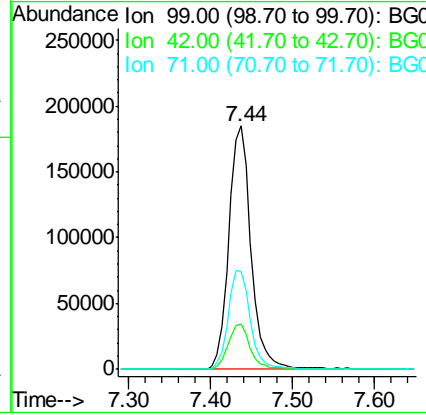
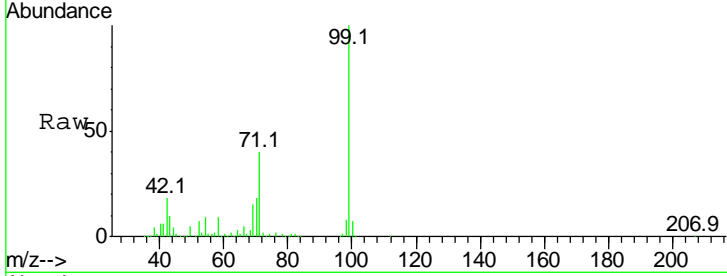




#7
 Phenol-d6
 Concen: 101.099 ng
 RT: 7.44 min Scan# 655
 Delta R.T. 0.00 min
 Lab File: BG028972.D
 Acq: 29 Sep 2017 17:00

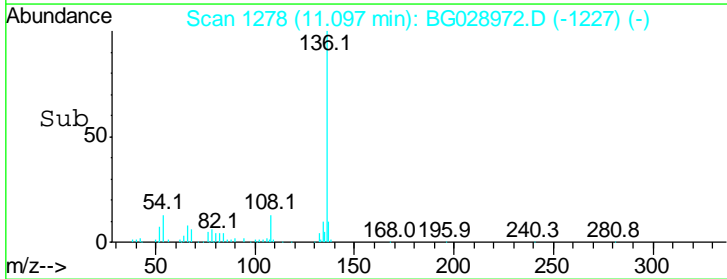
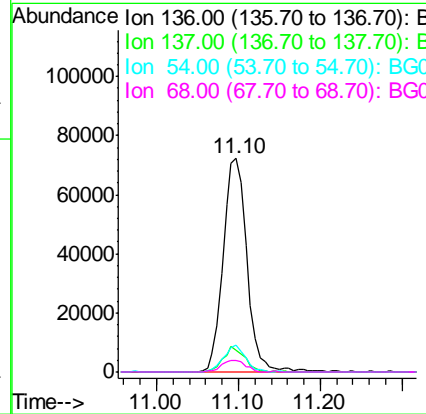
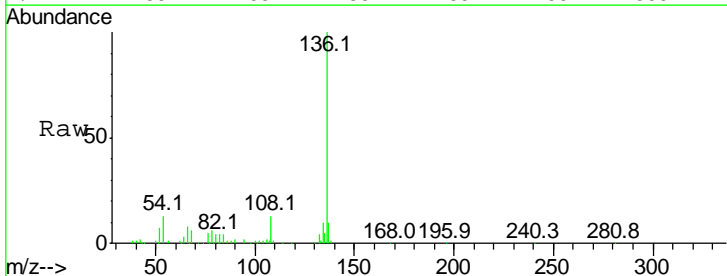
Instrument :
 BNA_G
Client Sampled :
 20170661-A-C-2

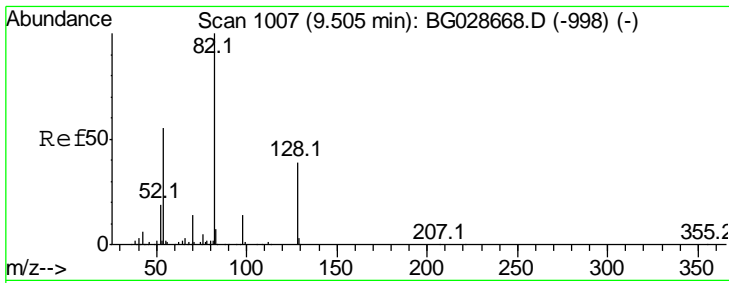
Tgt Ion	Resp	Lower	Upper
99	100		
42	18.5	20.5	30.7#
71	40.3	37.6	56.4



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.10 min Scan# 1278
 Delta R.T. 0.00 min
 Lab File: BG028972.D
 Acq: 29 Sep 2017 17:00

Tgt Ion	Resp	Lower	Upper
136	100		
137	9.9	8.9	13.3
54	12.8	9.3	13.9
68	5.6	5.1	7.7

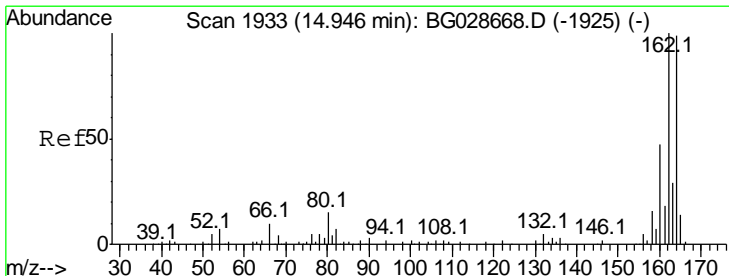
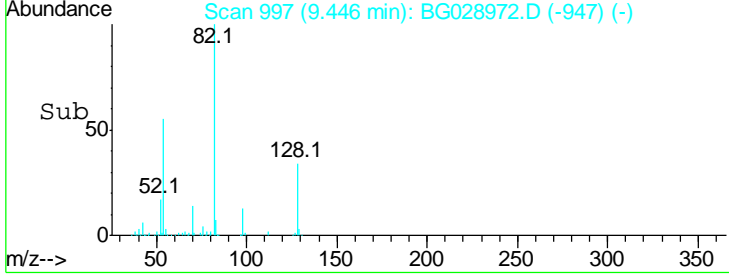
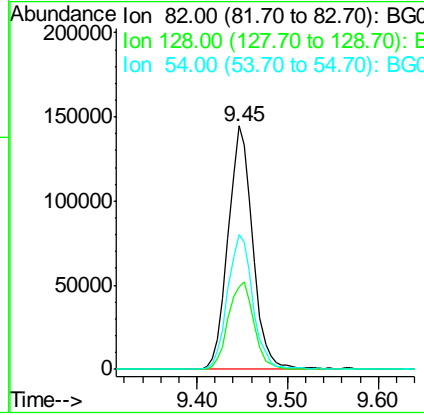
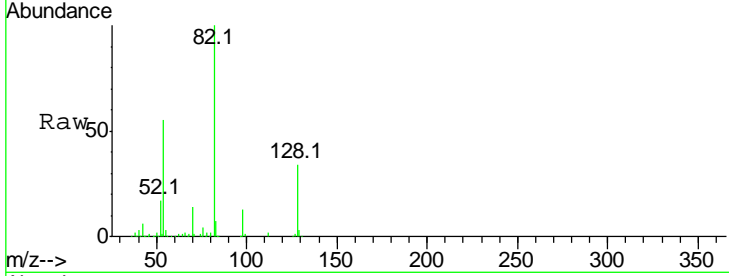




#23
 Nitrobenzene-d5
 Concen: 88.969 ng
 RT: 9.45 min Scan# 997
 Delta R.T. -0.01 min
 Lab File: BG028972.D
 Acq: 29 Sep 2017 17:00

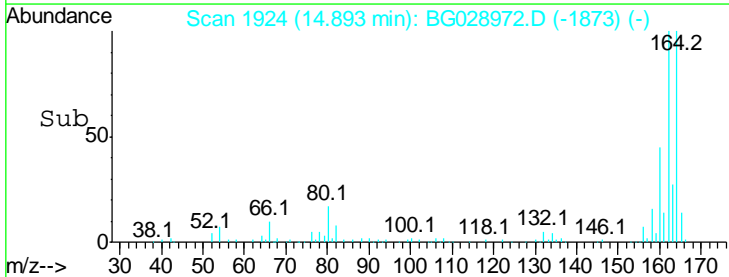
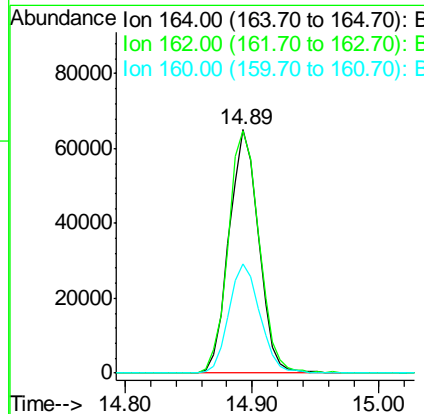
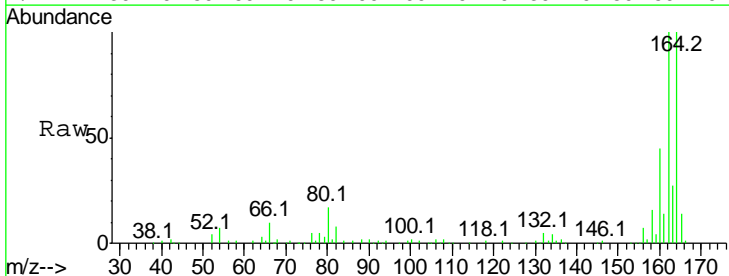
Instrument :
 BNA_G
 ClientSampleId :
 20170661-A-C-2

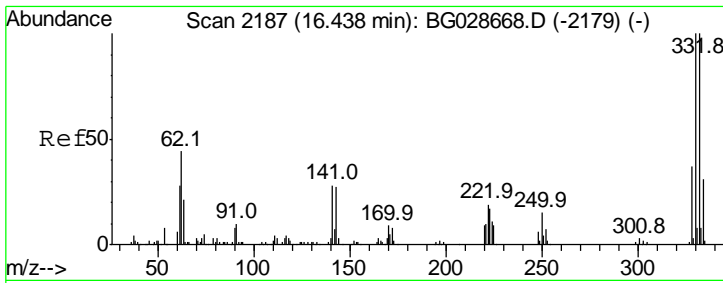
Tgt Ion	Resp	Lower	Upper
82	100		
128	34.0	26.4	39.6
54	55.1	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.89 min Scan# 1924
 Delta R.T. 0.00 min
 Lab File: BG028972.D
 Acq: 29 Sep 2017 17:00

Tgt Ion	Resp	Lower	Upper
164	100		
162	99.7	85.1	127.7
160	45.0	34.7	52.1

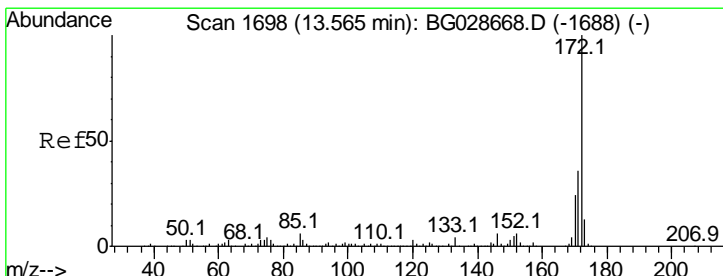
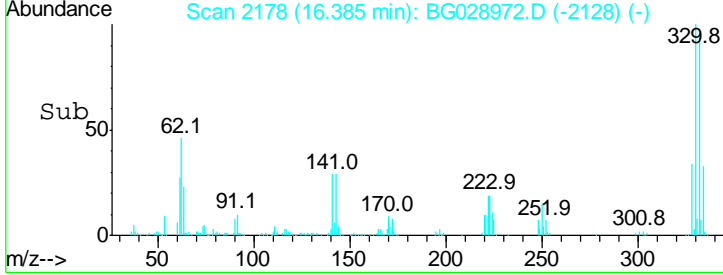
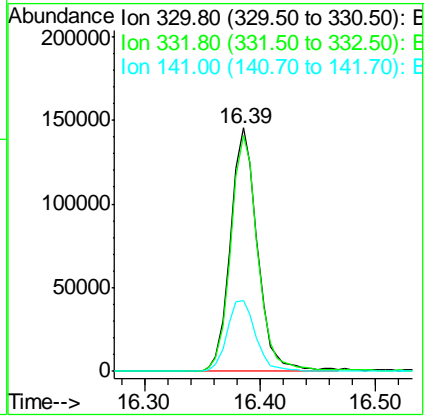
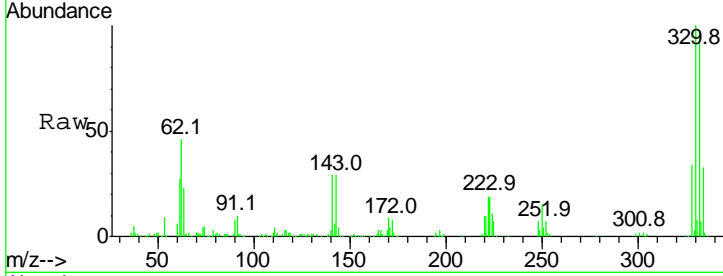




#41
 2,4,6-Tribromophenol
 Concen: 135.330 ng
 RT: 16.39 min Scan# 2178
 Delta R.T. -0.01 min
 Lab File: BG028972.D
 Acq: 29 Sep 2017 17:00

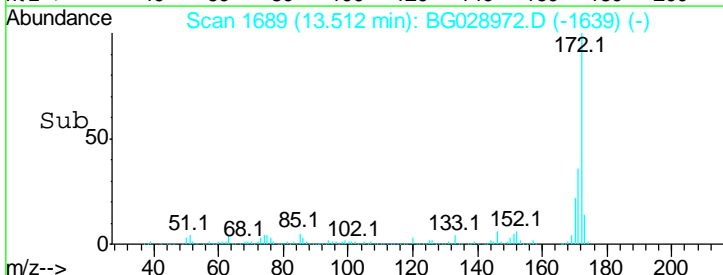
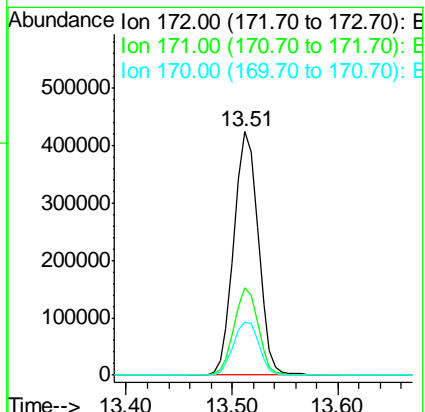
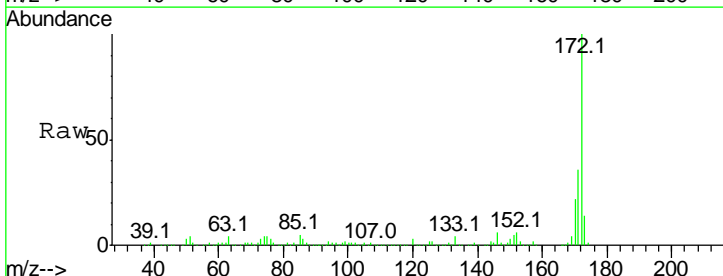
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 BNA_G
 ClientSampleId :
 20170661-A-C-2

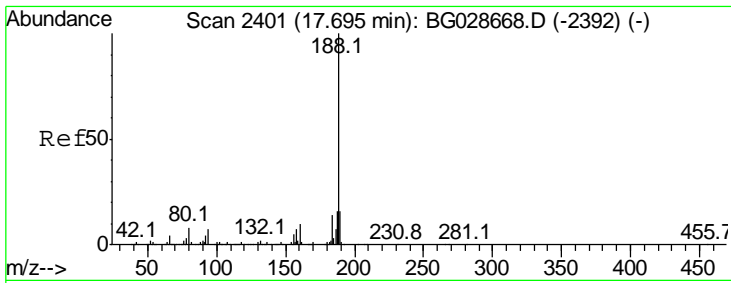
Tgt Ion	Resp	Lower	Upper
330	100		
332	98.1	77.3	115.9
141	31.0	32.1	48.1#



#44
 2-Fluorobiphenyl
 Concen: 85.922 ng
 RT: 13.51 min Scan# 1689
 Delta R.T. -0.01 min
 Lab File: BG028972.D
 Acq: 29 Sep 2017 17:00

Tgt Ion	Resp	Lower	Upper
172	100		
171	35.9	32.2	48.2
170	21.5	21.8	32.6#

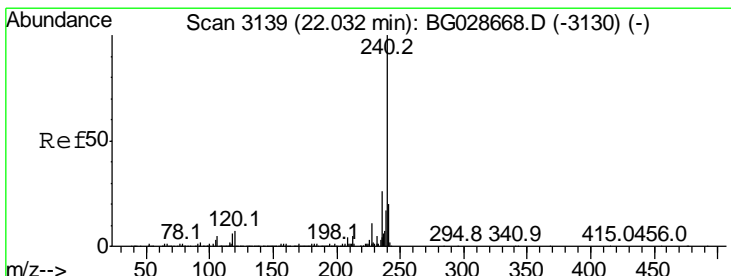
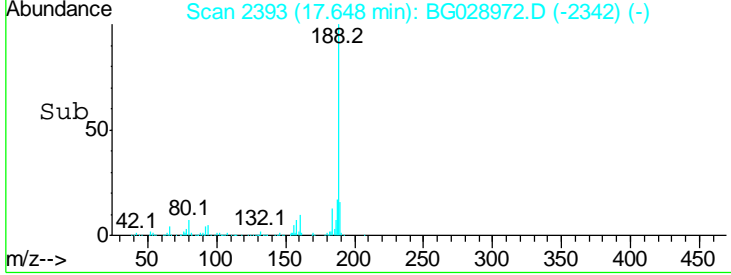
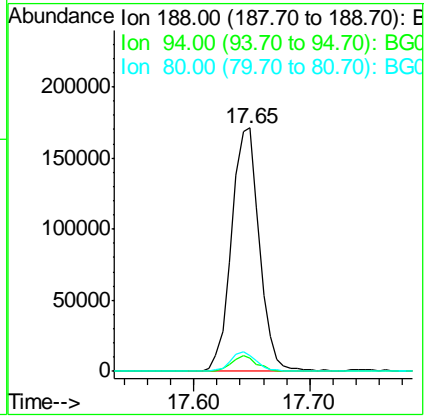
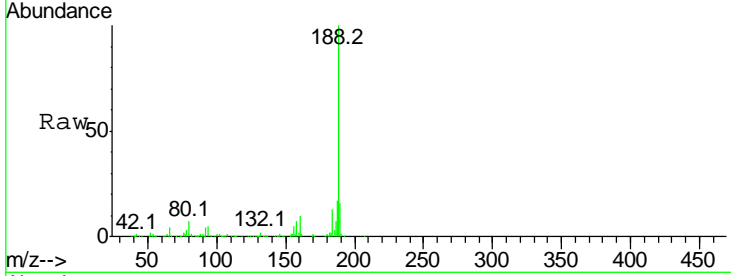




#63
 Phenanthrene-d10
 Concen: 20.000 ng
 RT: 17.65 min Scan# 2393
 Delta R.T. 0.00 min
 Lab File: BG028972.D
 Acq: 29 Sep 2017 17:00

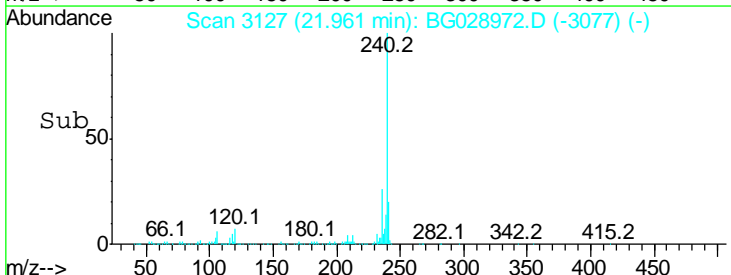
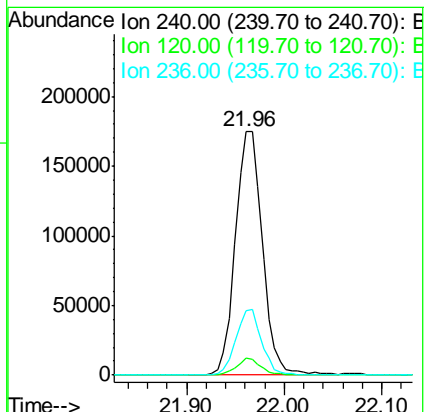
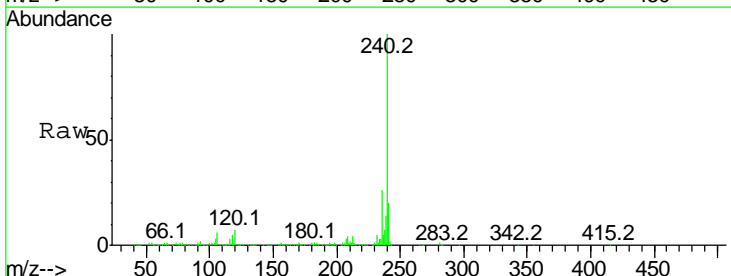
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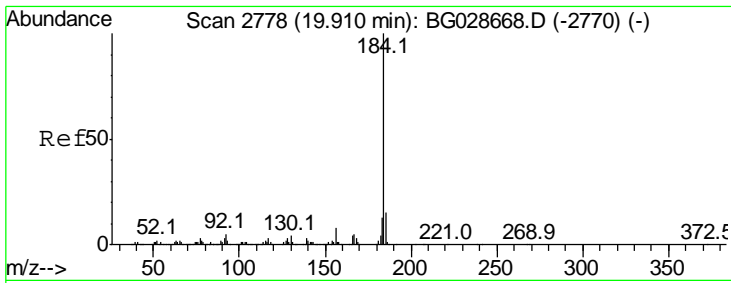
Tgt Ion	Resp	Lower	Upper
188	100		
94	5.3	5.8	8.8#
80	6.7	7.5	11.3#



#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 21.96 min Scan# 3127
 Delta R.T. -0.01 min
 Lab File: BG028972.D
 Acq: 29 Sep 2017 17:00

Tgt Ion	Resp	Lower	Upper
240	100		
120	6.8	5.7	8.5
236	26.4	22.2	33.4

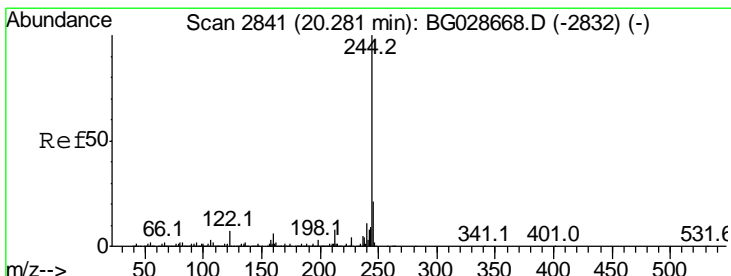
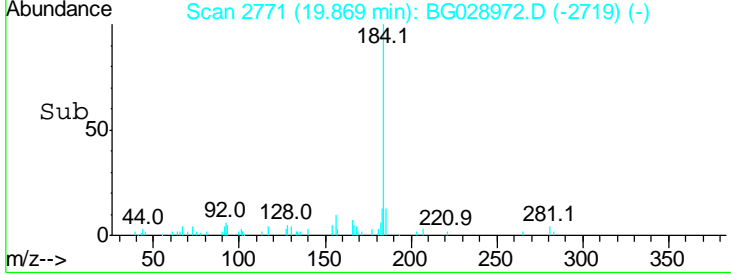
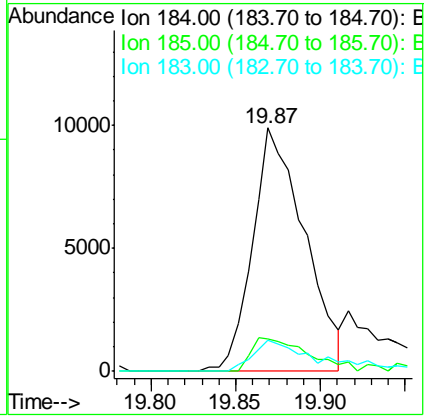
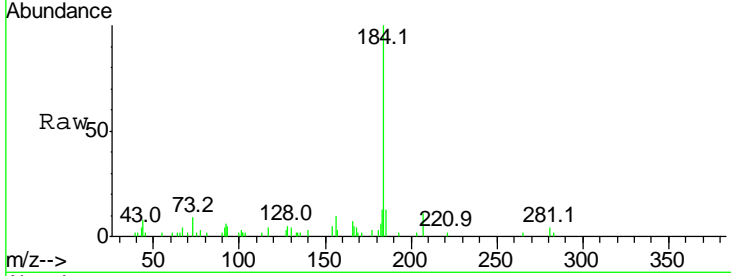




#76
Benzidine
Concen: 2.419 ng
RT: 19.87 min Scan# 2771
Delta R.T. 0.01 min
Lab File: BG028972.D
Acq: 29 Sep 2017 17:00

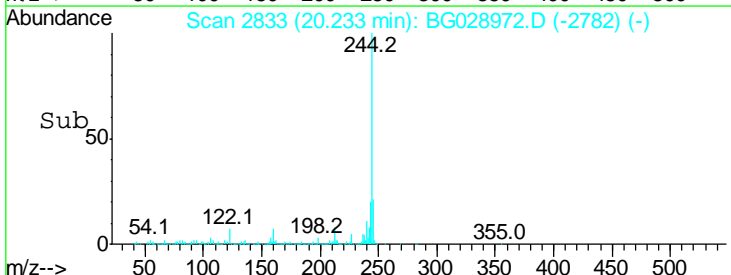
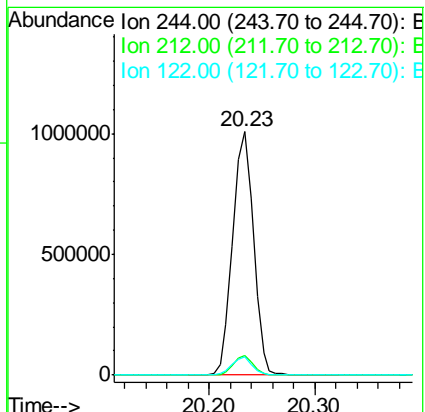
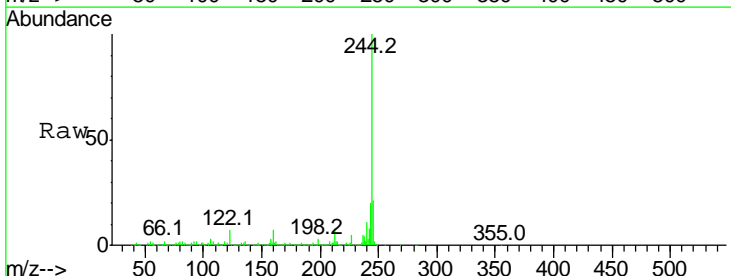
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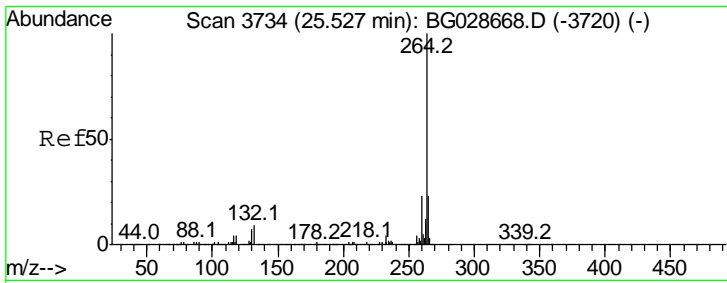
Tgt Ion	Resp	Lower	Upper
184	100		
185	13.1	13.0	19.6
183	12.9	11.0	16.6



#78
Terphenyl-d14
Concen: 86.697 ng
RT: 20.23 min Scan# 2833
Delta R.T. 0.00 min
Lab File: BG028972.D
Acq: 29 Sep 2017 17:00

Tgt Ion	Resp	Lower	Upper
244	100		
212	7.9	10.0	15.0#
122	7.3	8.6	12.8#





#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 25.42 min Scan# 3715
 Delta R.T. 0.00 min
 Lab File: BG028972.D
 Acq: 29 Sep 2017 17:00

Instrument :
 BNA_G
 ClientSampled :
 20170661-A-C-2

Tot Ion: 264 Resp: 337987

Ion	Ratio	Lower	Upper
264	100		
260	23.4	21.8	32.8
265	19.7	18.2	27.4

