

Data Path : Z:\HPCHEM1\BNA G\DATA\BG091817\
 Data File : BG028799.D
 Acq On : 18 Sep 2017 17:40
 Operator : SJ/JU
 Sample : PB102383BL
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Sep 19 01:10:37 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

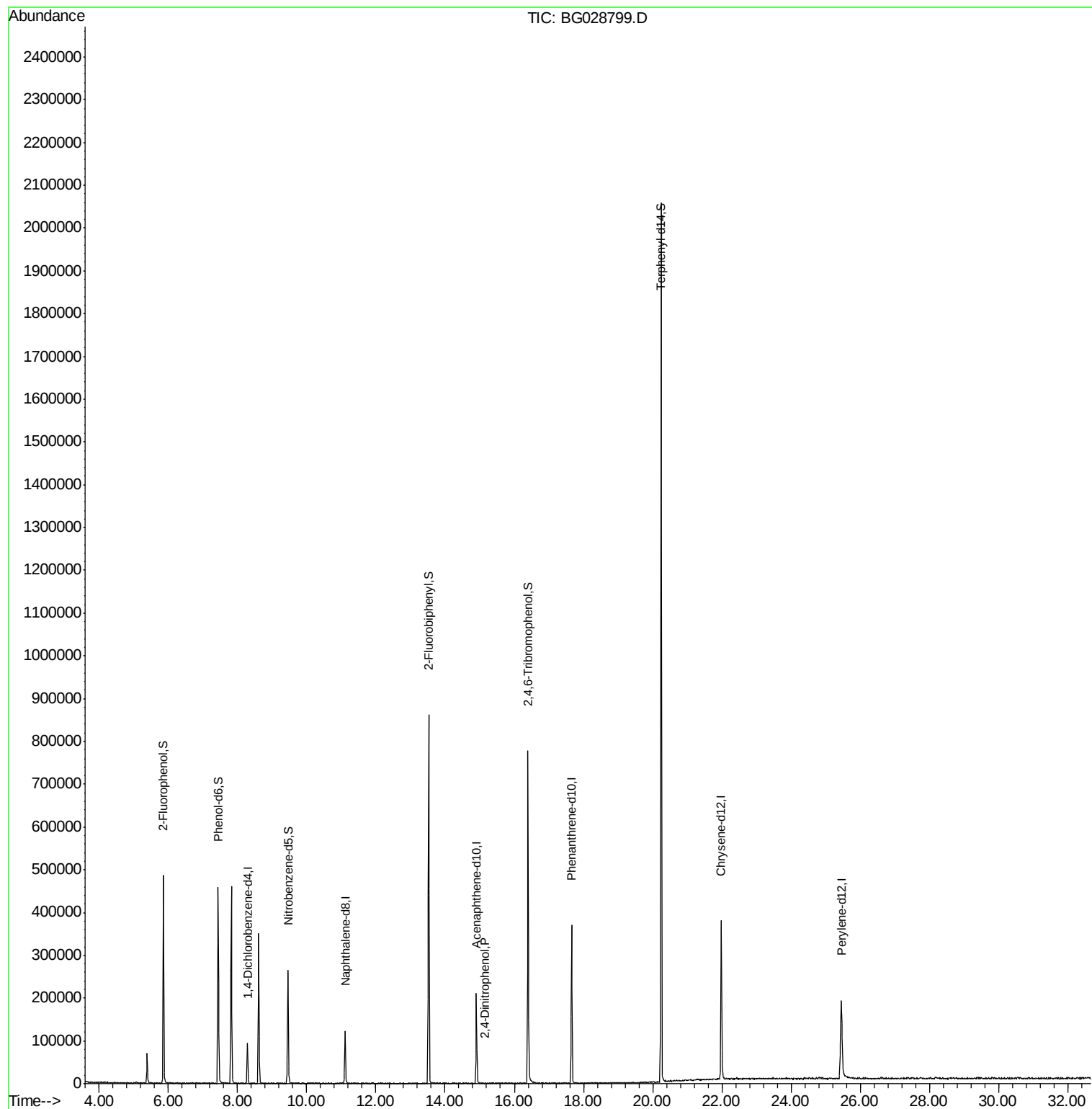
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.29	152	28239	20.00	ng	-0.04
21) Naphthalene-d8	11.11	136	109544	20.00	ng	-0.04
38) Acenaphthene-d10	14.91	164	80724	20.00	ng	-0.04
63) Phenanthrene-d10	17.66	188	242270	20.00	ng	-0.04
75) Chrysene-d12	21.98	240	268895	20.00	ng	-0.05
86) Perylene-d12	25.45	264	267154	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.86	112	205316	119.97	ng	-0.04
7) Phenol-d6	7.45	99	283421	109.99	ng	-0.04
23) Nitrobenzene-d5	9.46	82	172383	75.28	ng	-0.04
41) 2,4,6-Tribromophenol	16.40	330	178263	133.52	ng	-0.04
44) 2-Fluorobiphenyl	13.53	172	476245	78.67	ng	-0.04
78) Terphenyl-d14	20.25	244	1005934	79.78	ng	-0.03
Target Compounds						
53) 2,4-Dinitrophenol	15.15	184	95	8.11	ng	Qvalue # 15

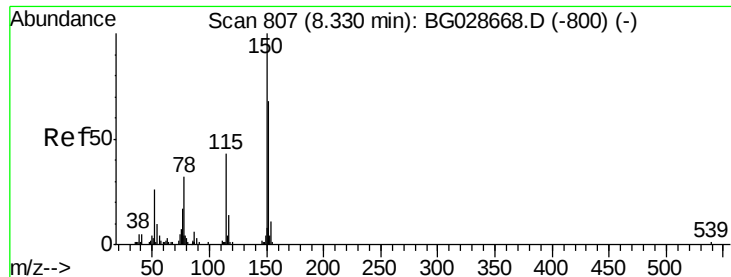
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.29 min Scan# 800

Delta R.T. -0.04 min

Lab File: BG028799.D

Acq: 18 Sep 2017 17:40

Instrument :

BNA_G

ClientSampleId :

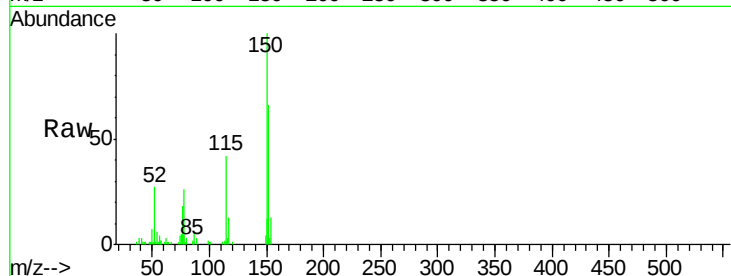
Tot Ion:152 Resp: 28239

Ion Ratio Lower Upper

152 100

150 152.0 114.0 171.0

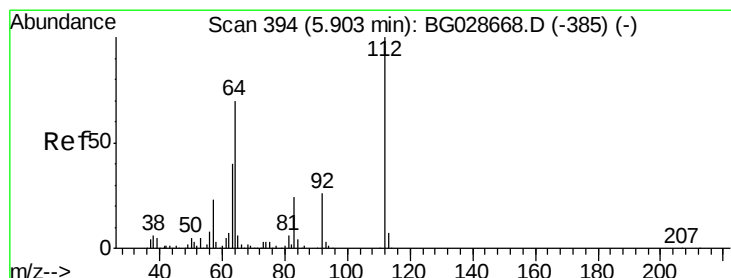
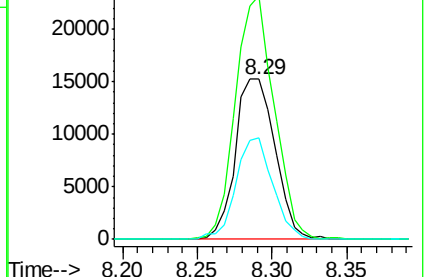
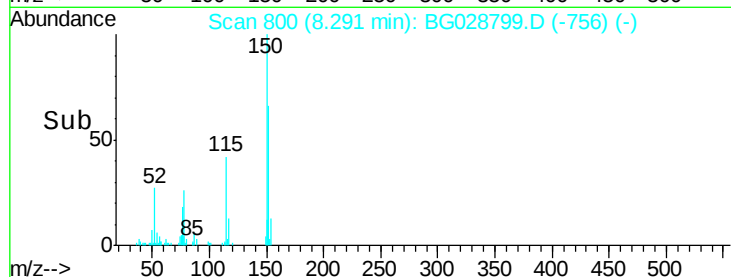
115 63.6 48.1 72.1



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: 119.97 ng

RT: 5.86 min Scan# 386

Delta R.T. -0.04 min

Lab File: BG028799.D

Acq: 18 Sep 2017 17:40

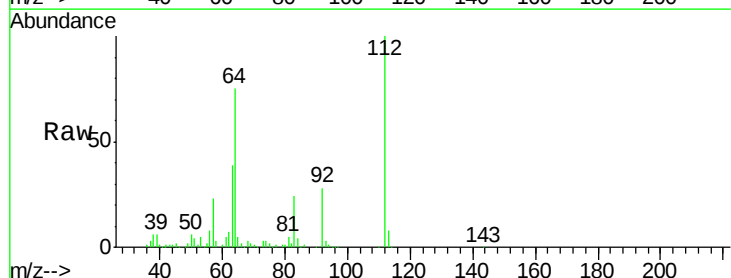
Tgt Ion:112 Resp: 205316

Ion Ratio Lower Upper

112 100

64 75.1 61.8 92.6

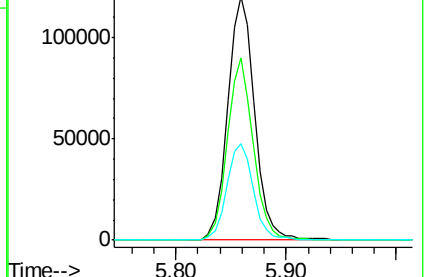
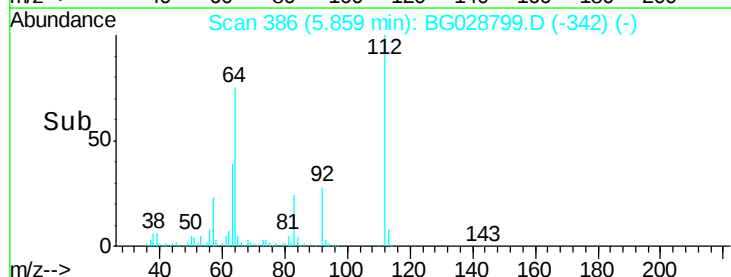
63 39.3 37.2 55.8

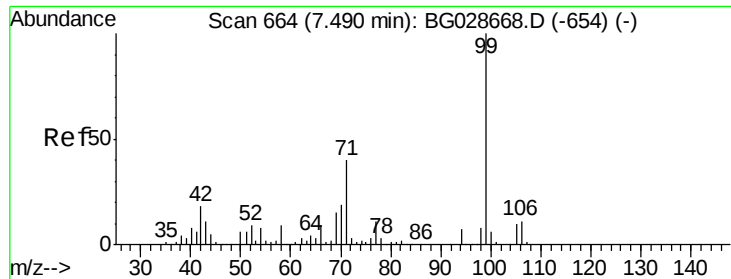


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC





#7

Phenol-d6

Concen: 109.99 ng

RT: 7.45 min Scan# 656

Delta R.T. -0.04 min

Lab File: BG028799.D

Acq: 18 Sep 2017 17:40

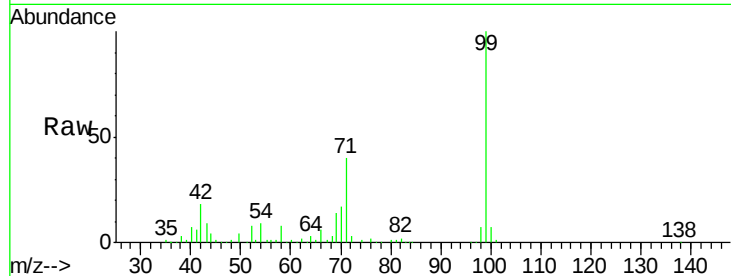
Instrument :

BNA_G

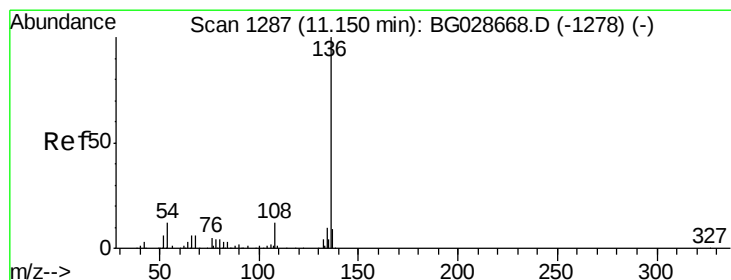
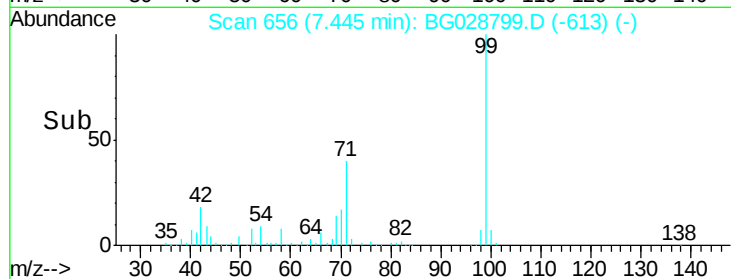
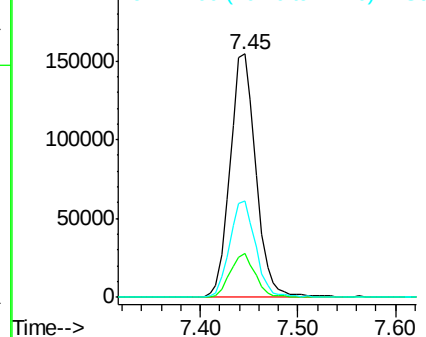
ClientSampleId :

Tot Ion: 99 Resp: 283421

Ion	Ratio	Lower	Upper
99	100		
42	18.0	20.5	30.7#
71	39.5	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: 11.11 min Scan# 1280

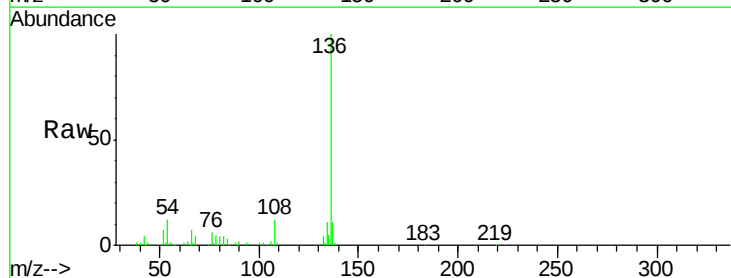
Delta R.T. -0.04 min

Lab File: BG028799.D

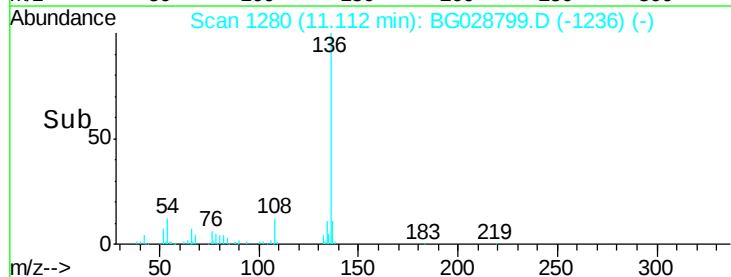
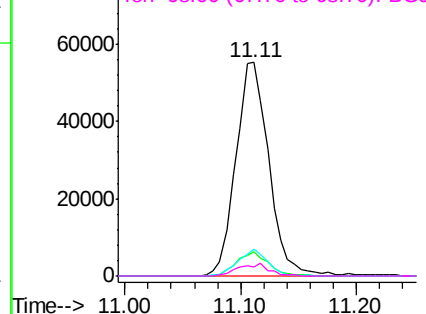
Acq: 18 Sep 2017 17:40

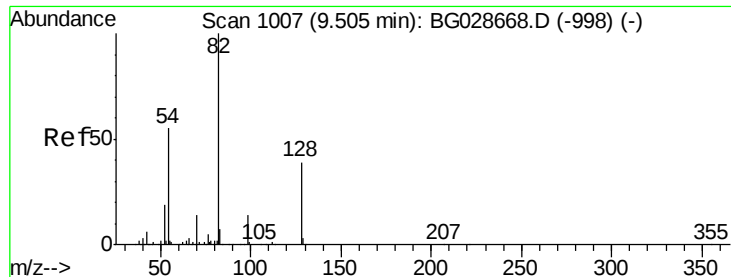
Tgt Ion: 136 Resp: 109544

Ion	Ratio	Lower	Upper
136	100		
137	11.5	8.9	13.3
54	12.3	9.3	13.9
68	4.1	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

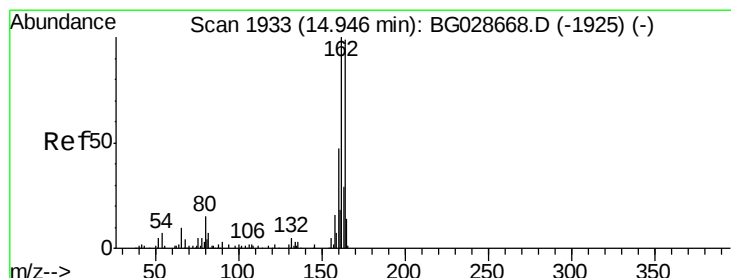
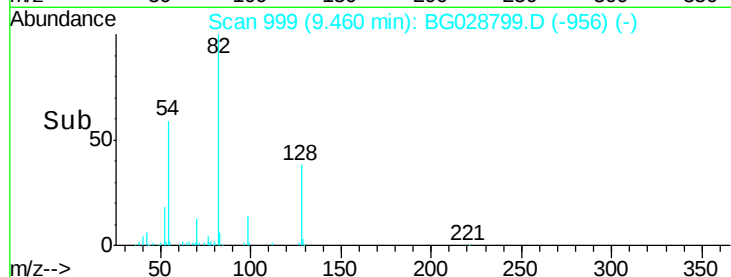
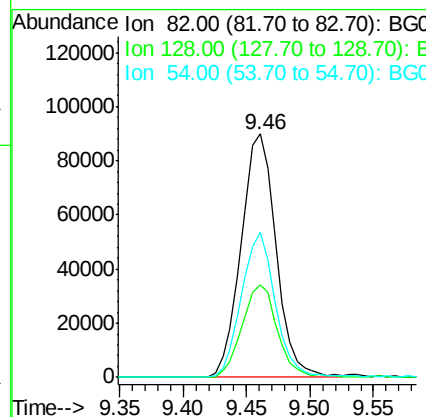
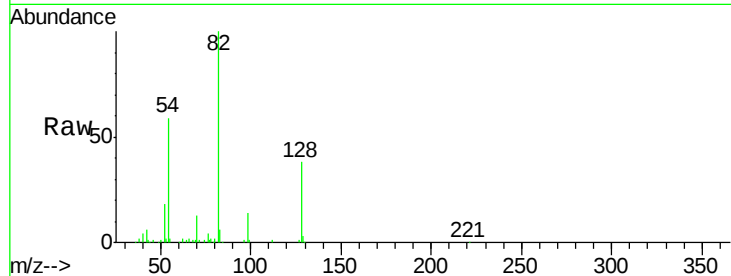




#23
 Nitrobenzene-d5
 Concen: 75.28 ng
 RT: 9.46 min Scan# 999
 Delta R.T. -0.04 min
 Lab File: BG028799.D
 Acq: 18 Sep 2017 17:40

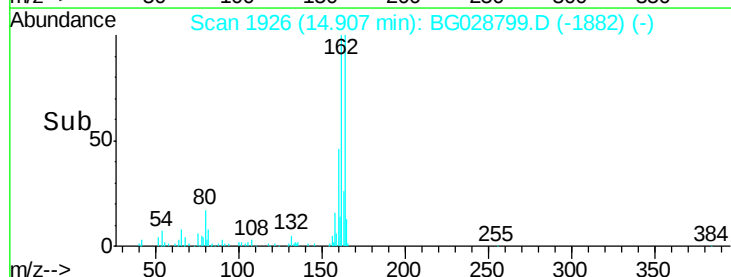
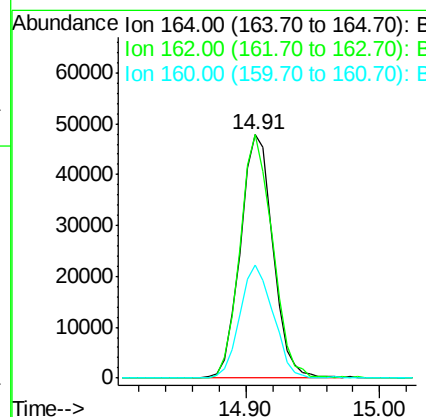
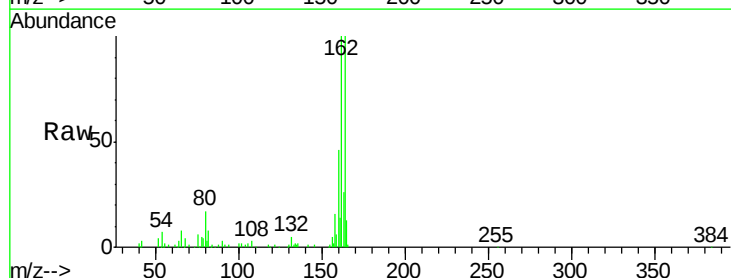
Instrument :
 BNA_G
 ClientSampleId :

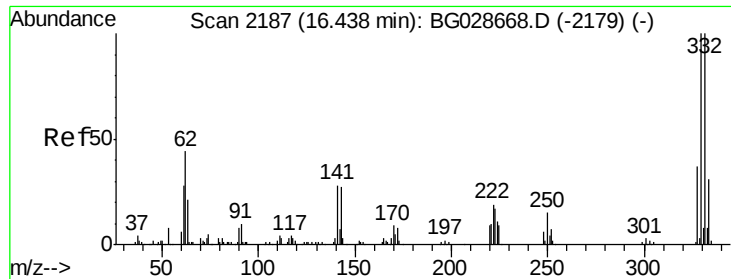
Tot Ion	82	Resp	172383
Ion	Ratio	Lower	Upper
82	100		
128	38.2	26.4	39.6
54	59.3	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.91 min Scan# 1926
 Delta R.T. -0.04 min
 Lab File: BG028799.D
 Acq: 18 Sep 2017 17:40

Tgt Ion	164	Resp	80724
Ion	Ratio	Lower	Upper
164	100		
162	100.0	85.1	127.7
160	46.4	34.7	52.1

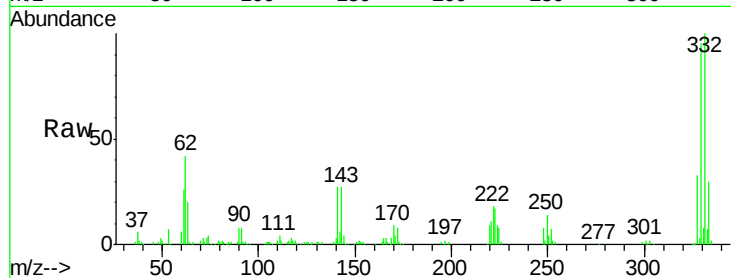




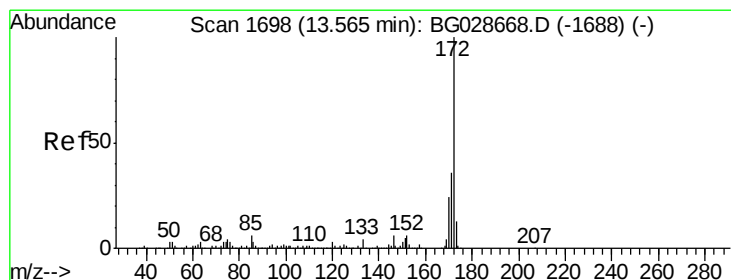
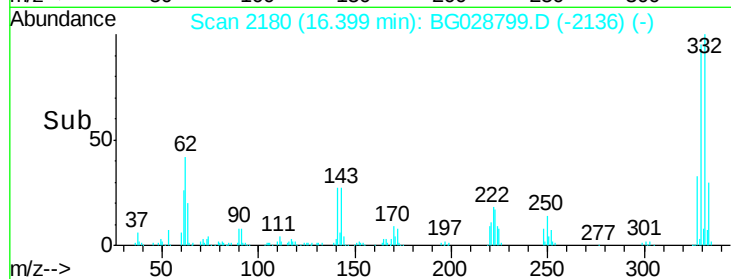
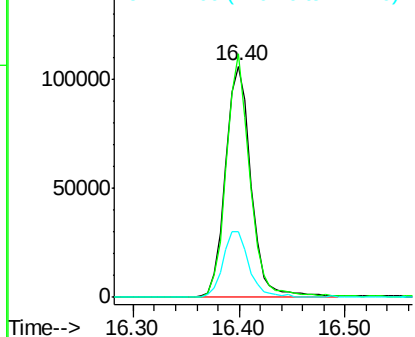
#41
 2,4,6-Tribromophenol
 Concen: 133.52 ng
 RT: 16.40 min Scan# 2180
 Delta R.T. -0.04 min
 Lab File: BG028799.D
 Acq: 18 Sep 2017 17:40

Instrument :
 BNA_G
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
330	100		
332	96.4	77.3	115.9
141	29.3	32.1	48.1#

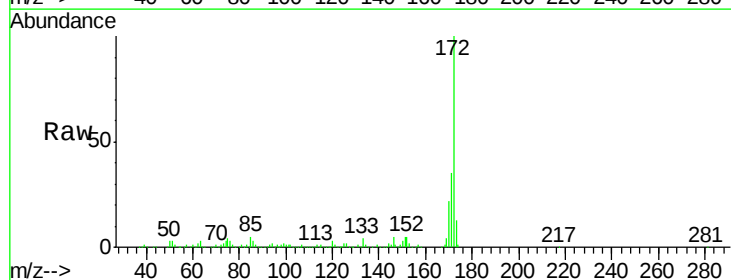


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

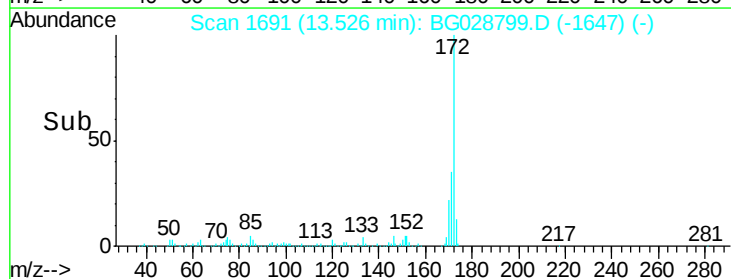
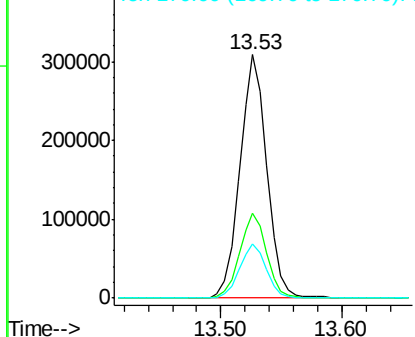


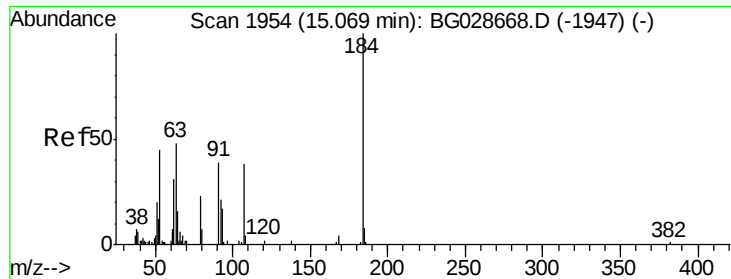
#44
 2-Fluorobiphenyl
 Concen: 78.67 ng
 RT: 13.53 min Scan# 1691
 Delta R.T. -0.04 min
 Lab File: BG028799.D
 Acq: 18 Sep 2017 17:40

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.0	32.2	48.2
170	22.2	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: 8.11 ng

RT: 15.15 min Scan# 1967

Delta R.T. 0.08 min

Lab File: BG028799.D

Acq: 18 Sep 2017 17:40

Instrument :

BNA_G

ClientSampleId :

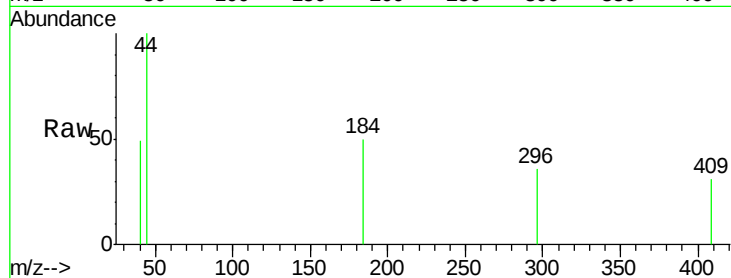
Tot Ion:184 Resp: 95

Ion Ratio Lower Upper

184 100

63 0.0 52.7 79.1#

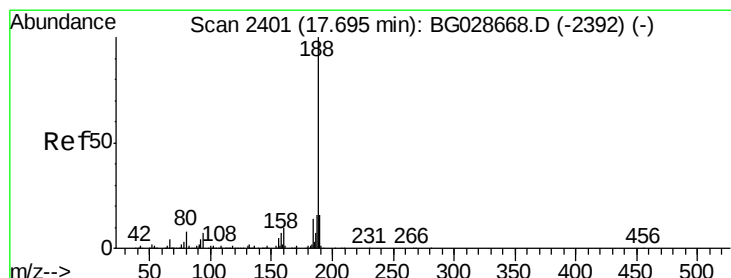
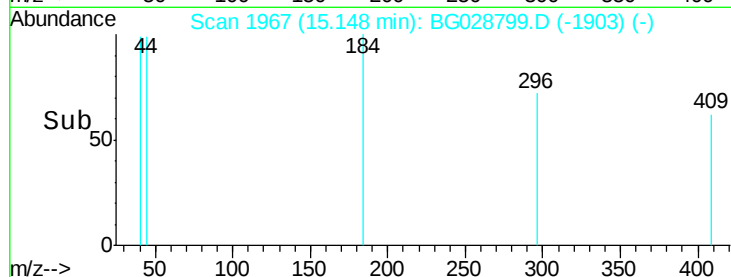
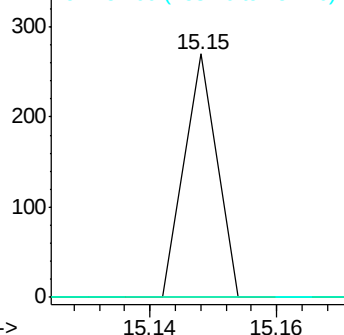
154 0.0 57.3 85.9#



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BG028668.D (-1947) (-)

Ion 154.00 (153.70 to 154.70): E



#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.66 min Scan# 2394

Delta R.T. -0.04 min

Lab File: BG028799.D

Acq: 18 Sep 2017 17:40

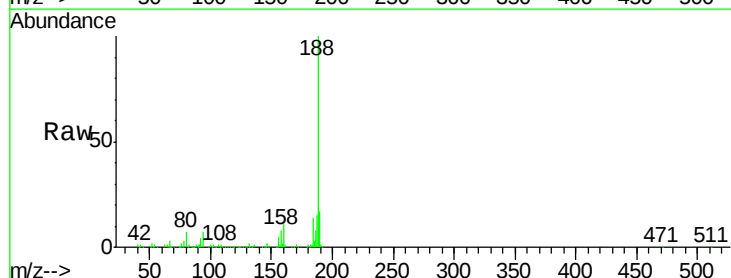
Tgt Ion:188 Resp: 242270

Ion Ratio Lower Upper

188 100

94 6.7 5.8 8.8

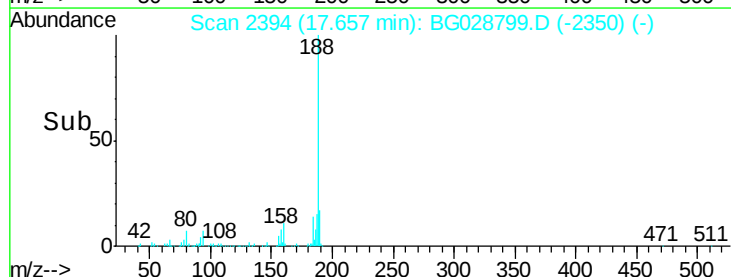
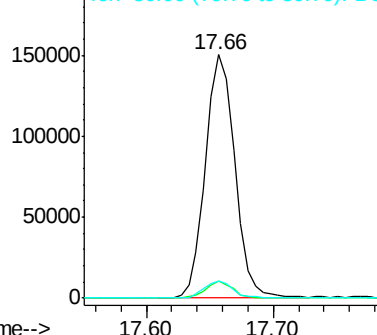
80 7.1 7.5 11.3#

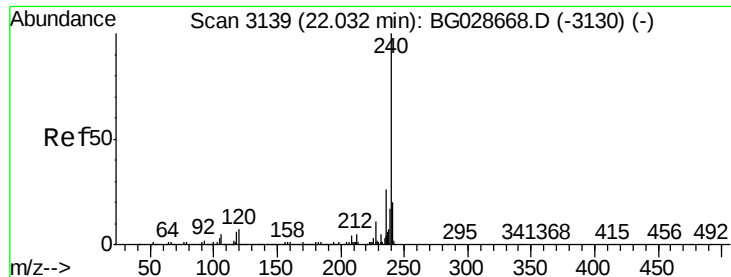


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG028668.D (-2392) (-)

Ion 80.00 (79.70 to 80.70): BG028668.D (-2392) (-)





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.98 min Scan# 3130

Delta R.T. -0.05 min

Lab File: BG028799.D

Acq: 18 Sep 2017 17:40

Instrument :

BNA_G

ClientSampleId :

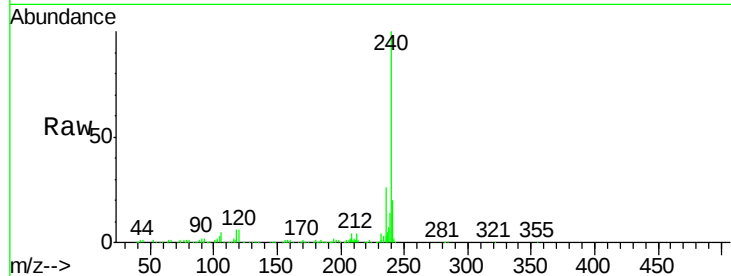
Tot Ion:240 Resp: 268895

Ion Ratio Lower Upper

240 100

120 5.5 5.7 8.5#

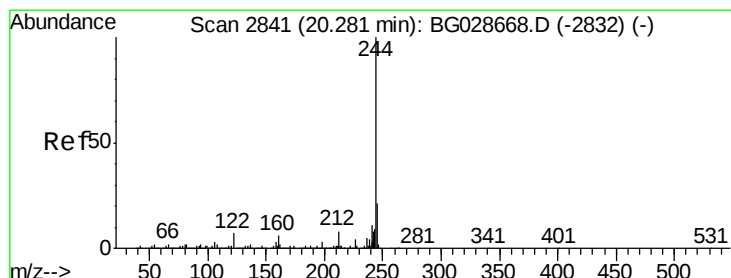
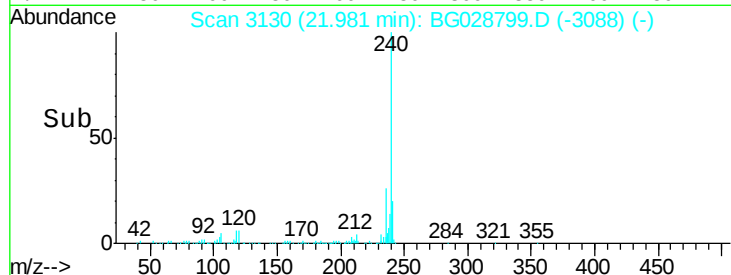
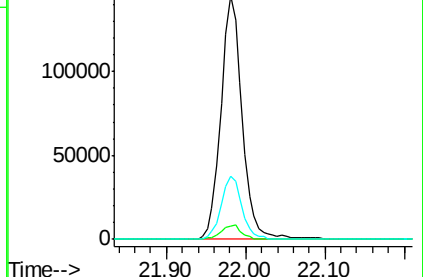
236 25.8 22.2 33.4



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: 79.78 ng

RT: 20.25 min Scan# 2835

Delta R.T. -0.03 min

Lab File: BG028799.D

Acq: 18 Sep 2017 17:40

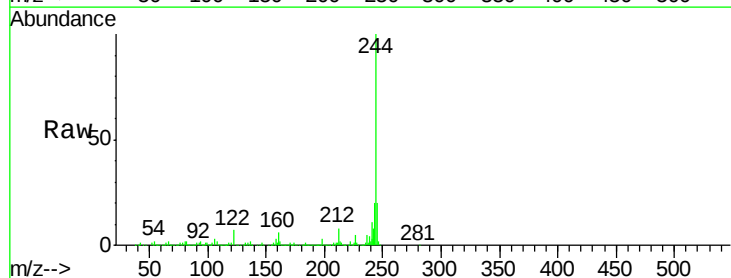
Tgt Ion:244 Resp: 1005934

Ion Ratio Lower Upper

244 100

212 7.5 10.0 15.0#

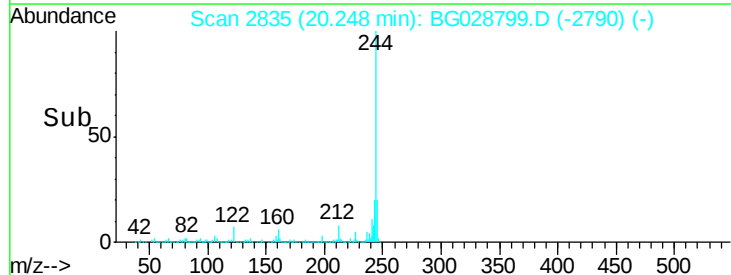
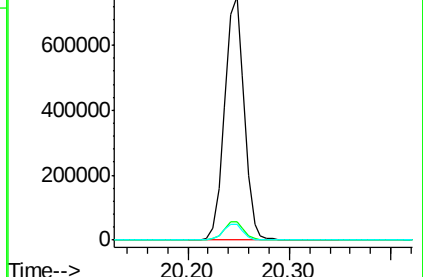
122 6.7 8.6 12.8#

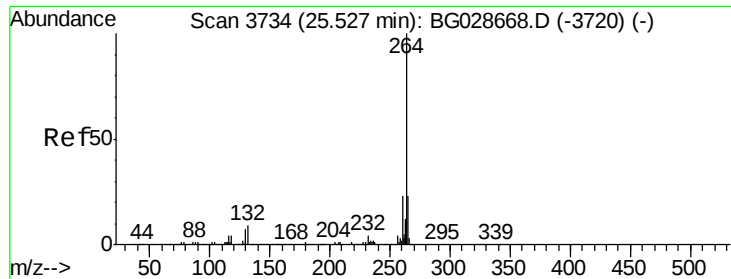


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

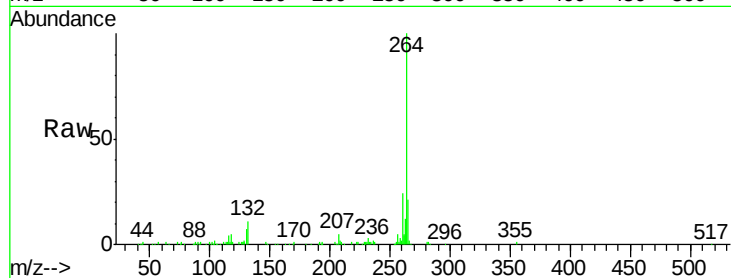




#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.45 min Scan# 3721
Delta R.T. -0.07 min
Lab File: BG028799.D
Acq: 18 Sep 2017 17:40

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	21.8	32.8
265	21.3	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

