

Data Path : Z:\HPCHEM1\BNA G\DATA\BG093017\
 Data File : BG028995.D
 Acq On : 1 Oct 2017 1:22
 Operator : SJ/JU
 Sample : I5514-03
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-092817

Quant Time: Oct 01 02:52:52 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG091217.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Oct 01 02:46:32 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.25	152	40928	20.00	ng	0.00
21) Naphthalene-d8	11.07	136	153401	20.00	ng	0.00
38) Acenaphthene-d10	14.87	164	103081	20.00	ng	0.00
63) Phenanthrene-d10	17.62	188	285476	20.00	ng	0.00
75) Chrysene-d12	21.94	240	335443	20.00	ng	-0.01
86) Perylene-d12	25.37	264	323482	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.83	112	325486	131.22	ng	0.00
7) Phenol-d6	7.41	99	396968	106.30	ng	0.00
23) Nitrobenzene-d5	9.43	82	292329	91.16	ng	0.00
41) 2,4,6-Tribromophenol	16.37	330	265250	155.58	ng	0.00
44) 2-Fluorobiphenyl	13.49	172	724287	93.69	ng	0.00
78) Terphenyl-d14	20.21	244	1440264	91.56	ng	0.00

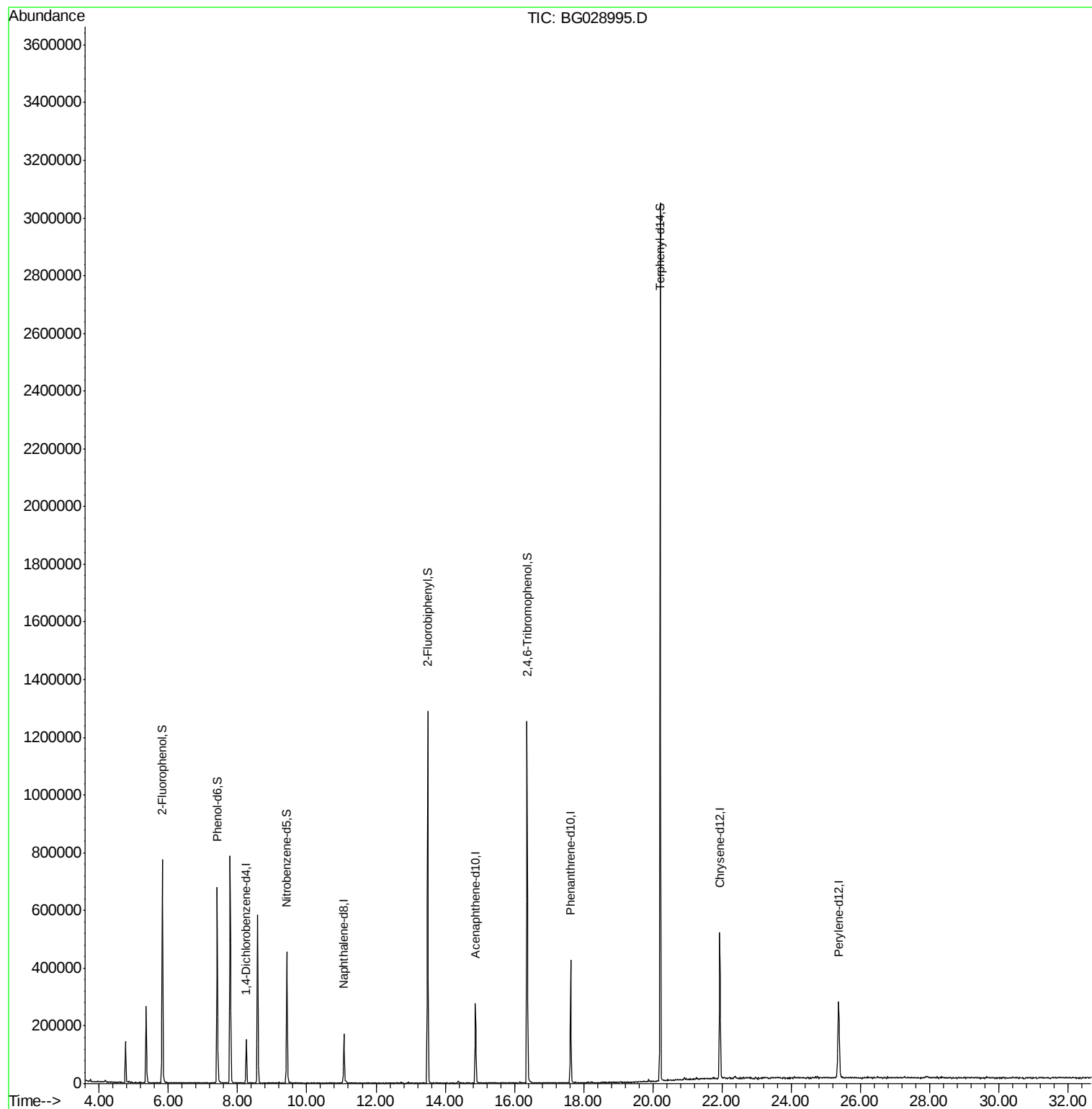
Target Compounds Qvalue

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

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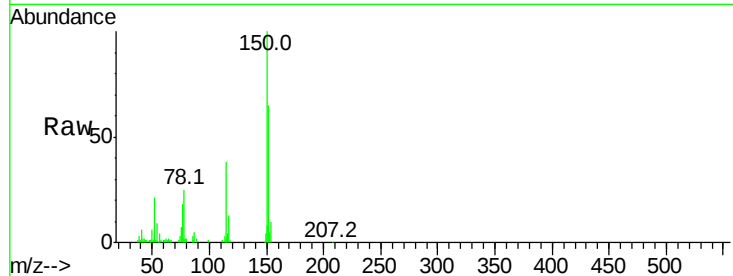


#1

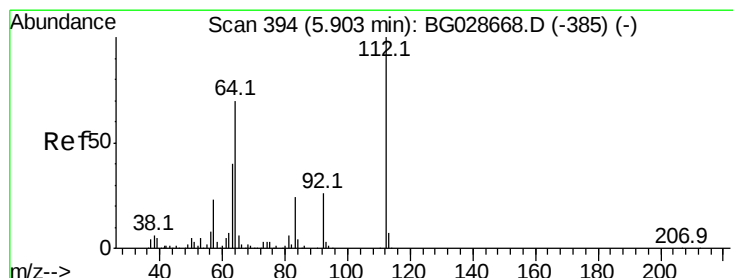
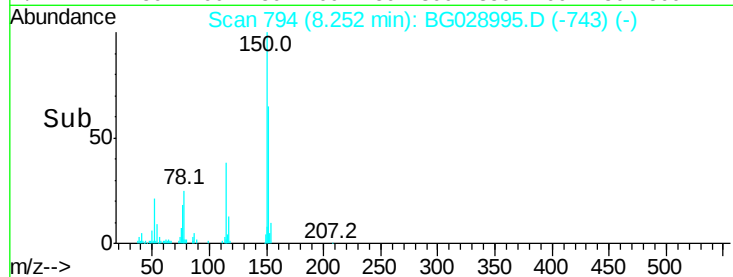
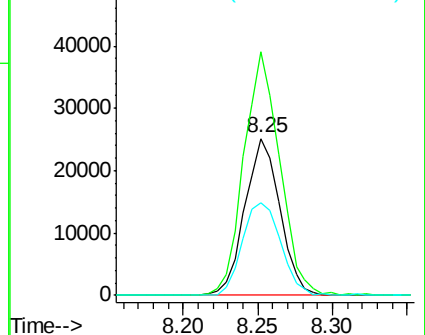
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.25 min Scan# 794
Delta R.T. -0.00 min
Lab File: BG028995.D
Acq: 1 Oct 2017 1:22

Instrument :
BNA_G
ClientSampleId :
SU-03-092817

Tot Ion:152 Resp: 40928
Ion Ratio Lower Upper
152 100
150 155.0 114.0 171.0
115 58.8 48.1 72.1



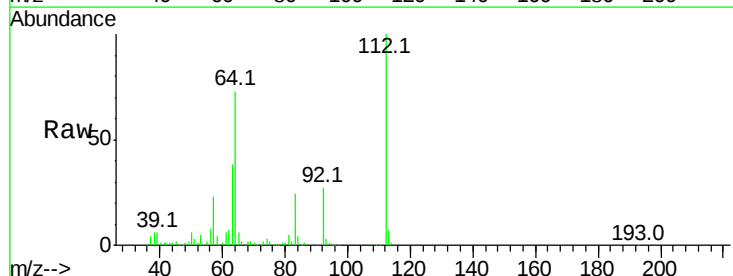
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



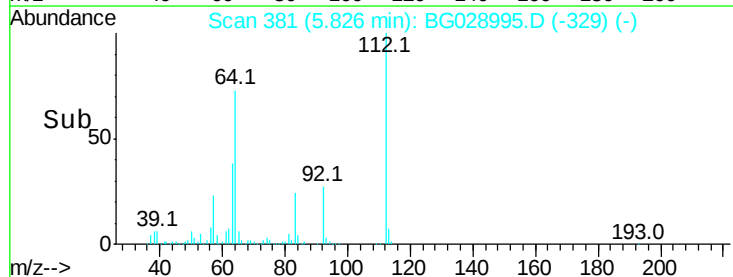
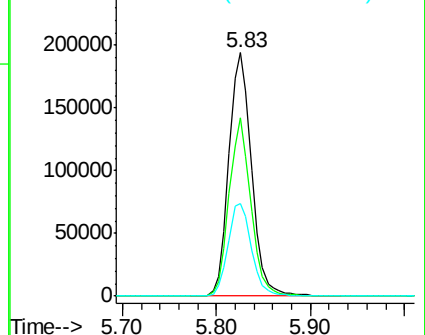
#5

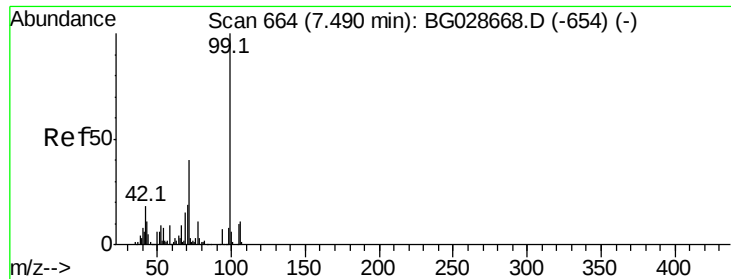
2-Fluorophenol
Concen: 131.223 ng
RT: 5.83 min Scan# 381
Delta R.T. 0.00 min
Lab File: BG028995.D
Acq: 1 Oct 2017 1:22

Tgt Ion:112 Resp: 325486
Ion Ratio Lower Upper
112 100
64 73.5 61.8 92.6
63 38.0 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: 106.296 ng

RT: 7.41 min Scan# 651

Delta R.T. -0.00 min

Lab File: BG028995.D

Acq: 1 Oct 2017 1:22

Instrument :

BNA_G

ClientSampleId :

SU-03-092817

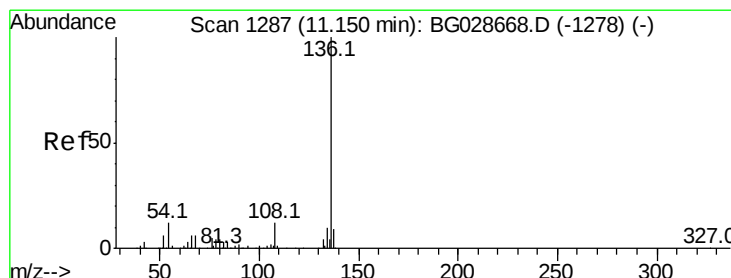
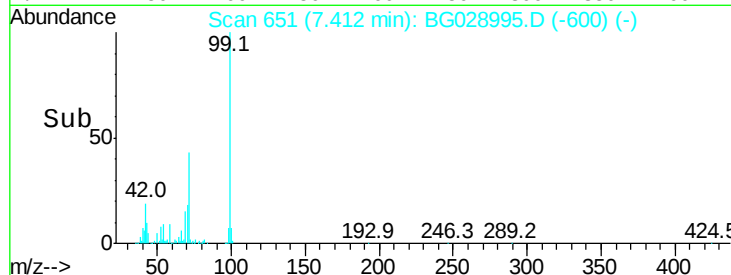
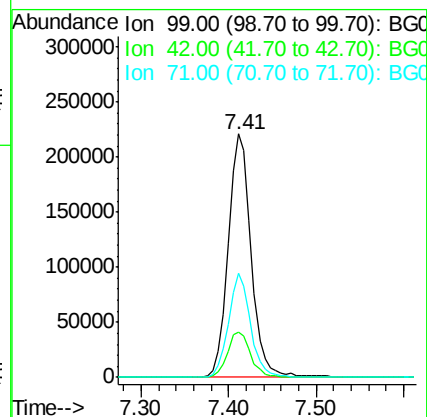
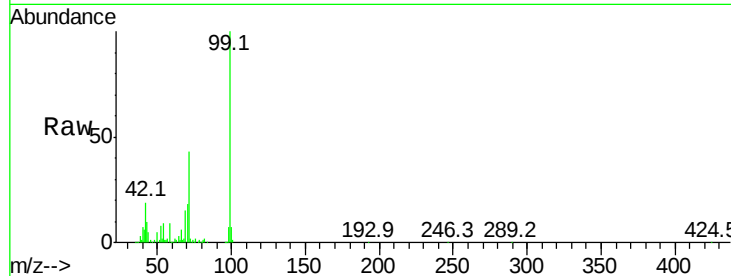
Tot Ion: 99 Resp: 396968

Ion Ratio Lower Upper

99 100

42 18.7 20.5 30.7#

71 43.0 37.6 56.4



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.07 min Scan# 1274

Delta R.T. -0.01 min

Lab File: BG028995.D

Acq: 1 Oct 2017 1:22

Tgt Ion: 136 Resp: 153401

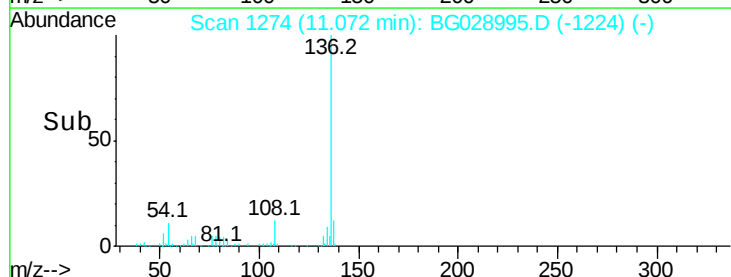
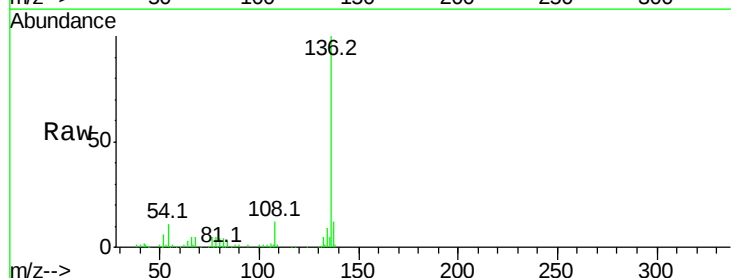
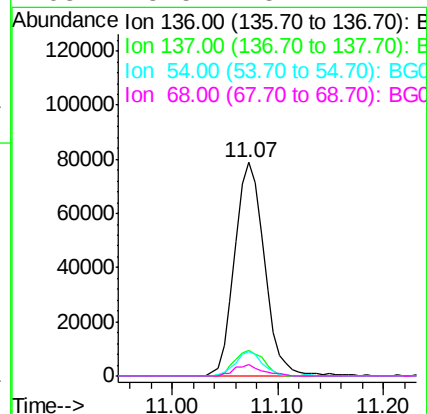
Ion Ratio Lower Upper

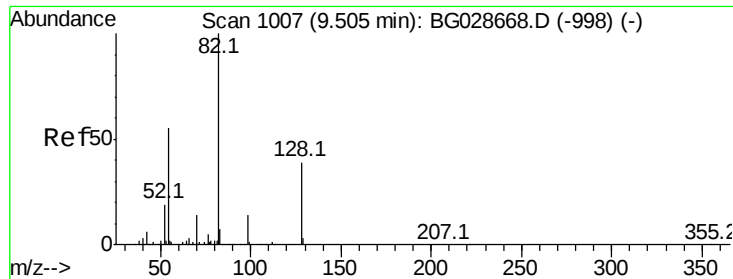
136 100

137 11.8 8.9 13.3

54 11.2 9.3 13.9

68 5.5 5.1 7.7

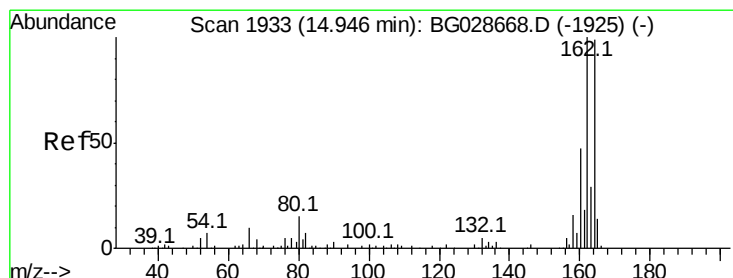
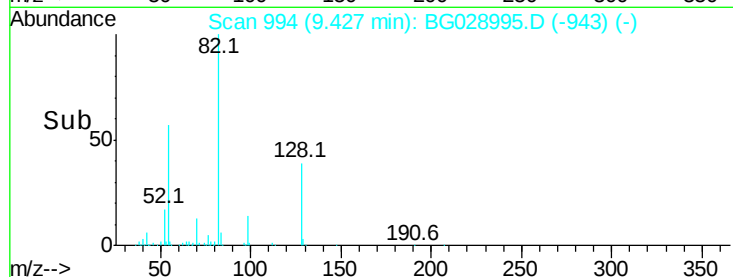
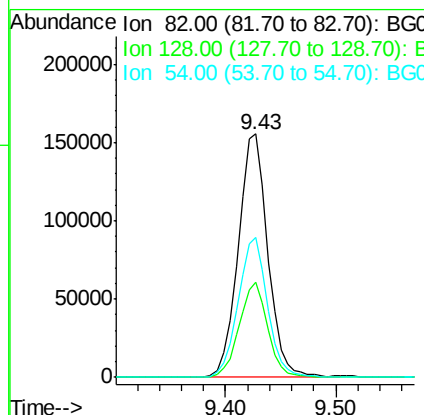
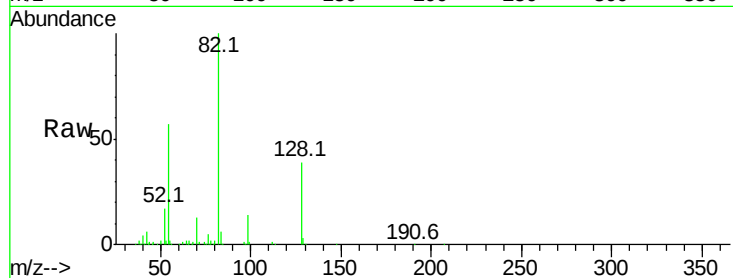




#23
Nitrobenzene-d5
Concen: 91.161 ng
RT: 9.43 min Scan# 994
Delta R.T. -0.00 min
Lab File: BG028995.D
Acq: 1 Oct 2017 1:22

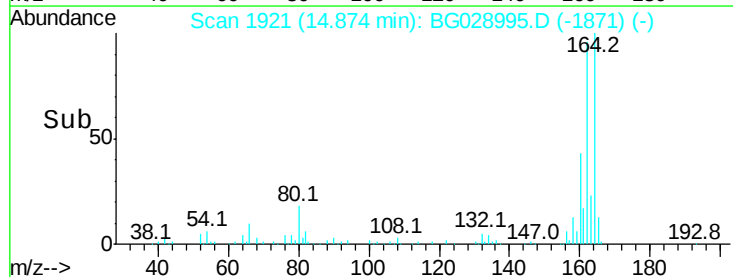
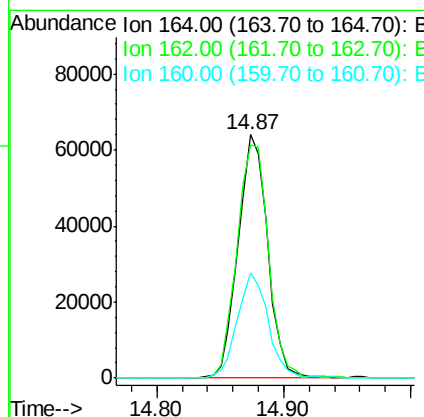
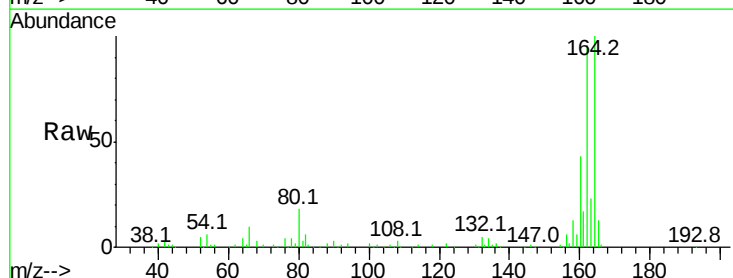
Instrument :
BNA_G
ClientSampleId :
SU-03-092817

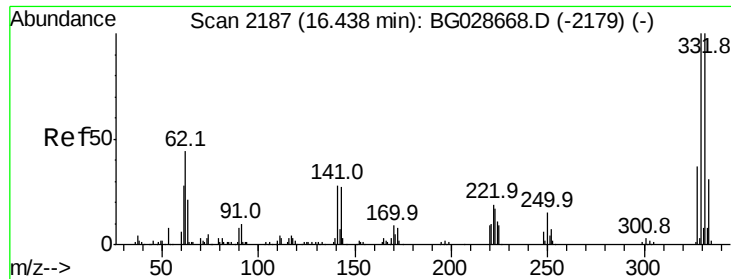
Tot Ion	82	Resp	292329
Ion Ratio	100	Lower	Upper
128	39.1	26.4	39.6
54	57.3	49.4	74.2



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.87 min Scan# 1921
Delta R.T. -0.01 min
Lab File: BG028995.D
Acq: 1 Oct 2017 1:22

Tgt Ion	164	Resp	103081
Ion Ratio	100	Lower	Upper
162	95.9	85.1	127.7
160	43.2	34.7	52.1

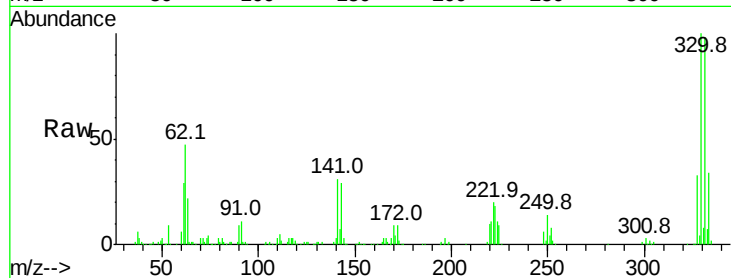




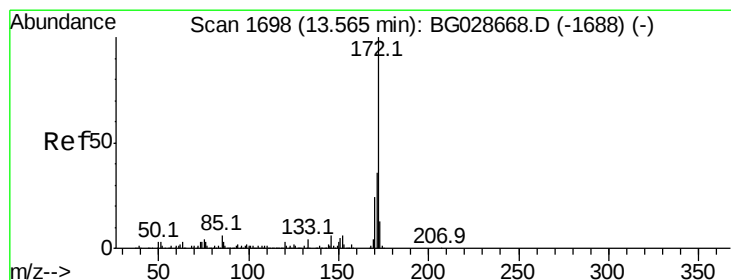
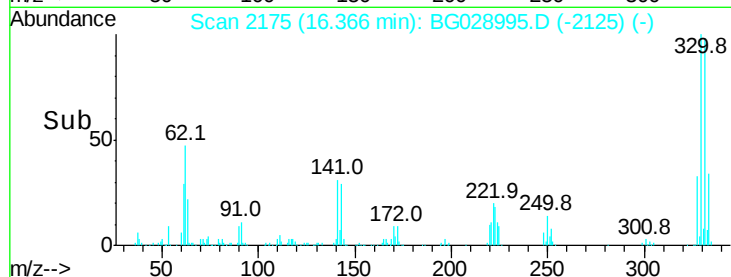
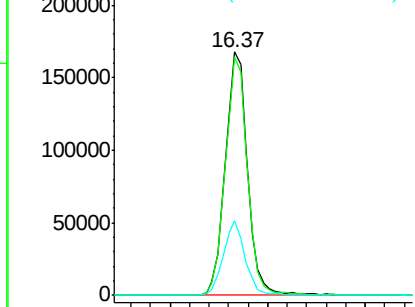
#41
 2,4,6-Tribromophenol
 Concen: 155.581 ng
 RT: 16.37 min Scan# 2175
 Delta R.T. -0.01 min
 Lab File: BG028995.D
 Acq: 1 Oct 2017 1:22

Instrument :
 BNA_G
 ClientSampleId :
 SU-03-092817

Tot Ion:330 Resp: 265250
 Ion Ratio Lower Upper
 330 100
 332 97.3 77.3 115.9
 141 29.7 32.1 48.1#

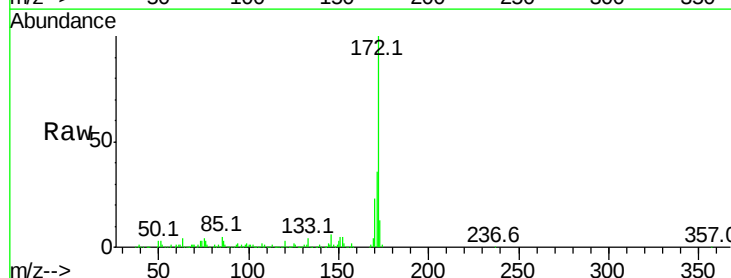


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

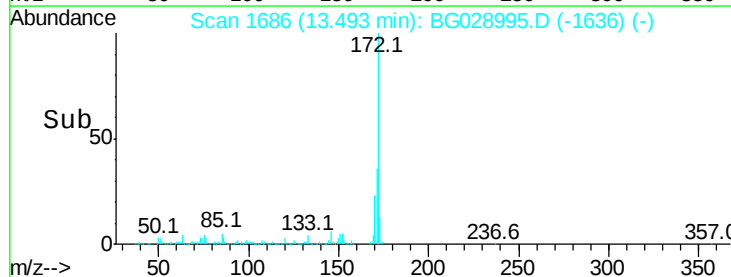
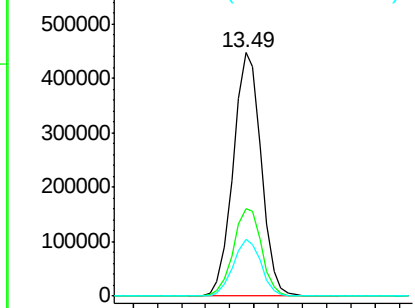


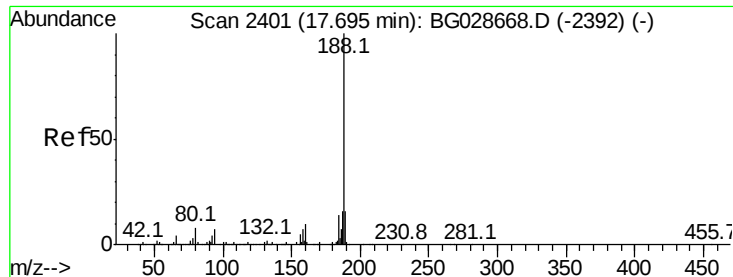
#44
 2-Fluorobiphenyl
 Concen: 93.691 ng
 RT: 13.49 min Scan# 1686
 Delta R.T. -0.01 min
 Lab File: BG028995.D
 Acq: 1 Oct 2017 1:22

Tgt Ion:172 Resp: 724287
 Ion Ratio Lower Upper
 172 100
 171 35.7 32.2 48.2
 170 23.2 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





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.62 min Scan# 2389

Delta R.T. -0.01 min

Lab File: BG028995.D

Acq: 1 Oct 2017 1:22

Instrument :

BNA_G

ClientSampleId :

SU-03-092817

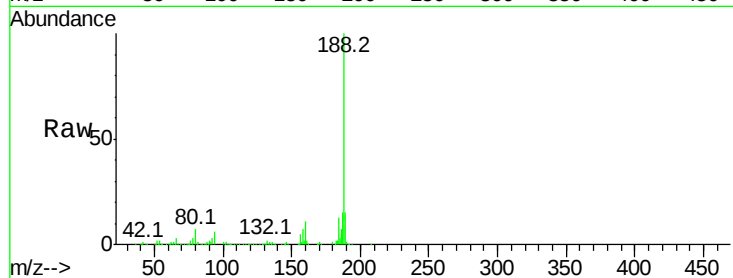
Tot Ion:188 Resp: 285476

Ion Ratio Lower Upper

188 100

94 6.3 5.8 8.8

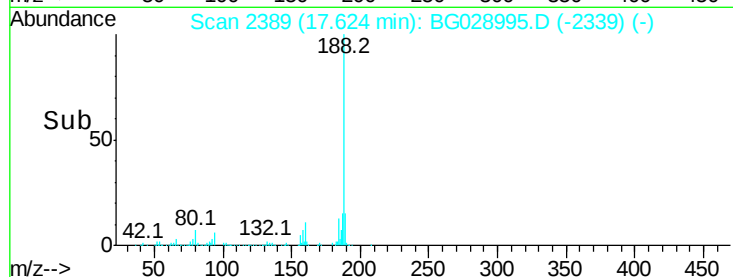
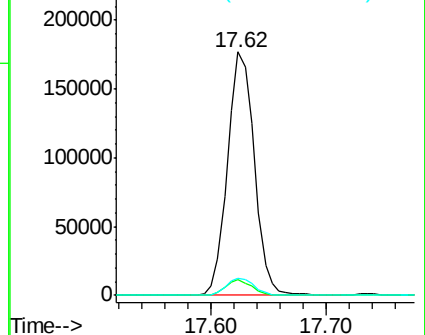
80 6.9 7.5 11.3#



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC



#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.94 min Scan# 3123

Delta R.T. -0.01 min

Lab File: BG028995.D

Acq: 1 Oct 2017 1:22

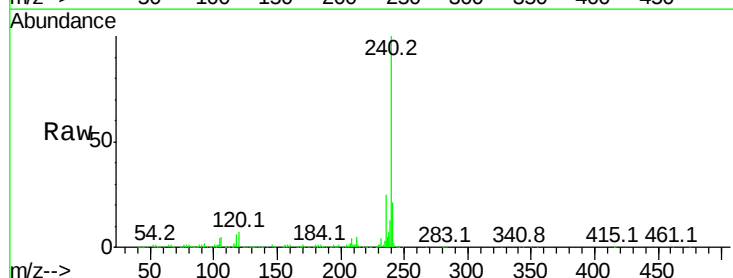
Tgt Ion:240 Resp: 335443

Ion Ratio Lower Upper

240 100

120 6.5 5.7 8.5

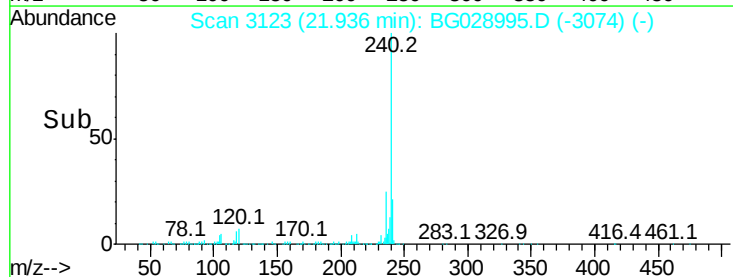
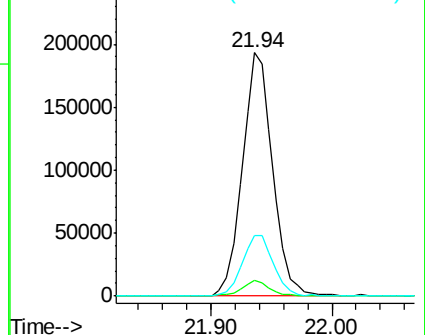
236 24.9 22.2 33.4

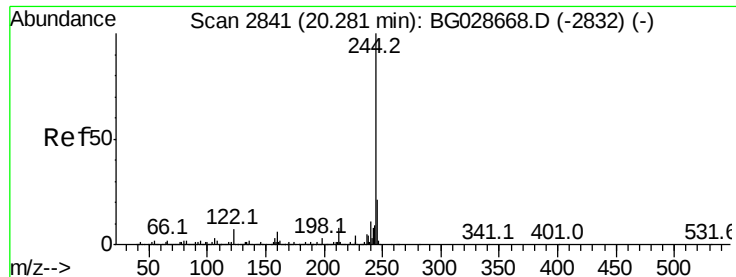


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 91.564 ng

RT: 20.21 min Scan# 2830

Delta R.T. -0.01 min

Lab File: BG028995.D

Acq: 1 Oct 2017 1:22

Instrument :

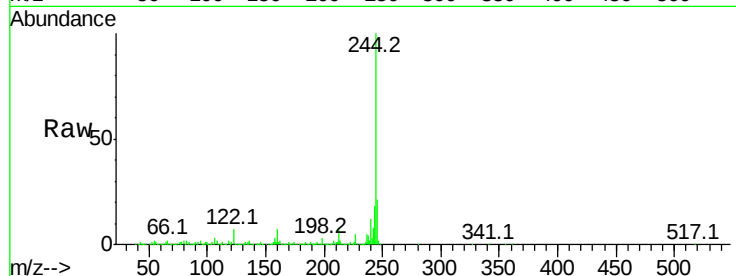
BNA_G

ClientSampleId :

SU-03-092817

Tot Ion:244 Resp: 1440264

Ion	Ratio	Lower	Upper
244	100		
212	8.2	10.0	15.0#
122	7.1	8.6	12.8#

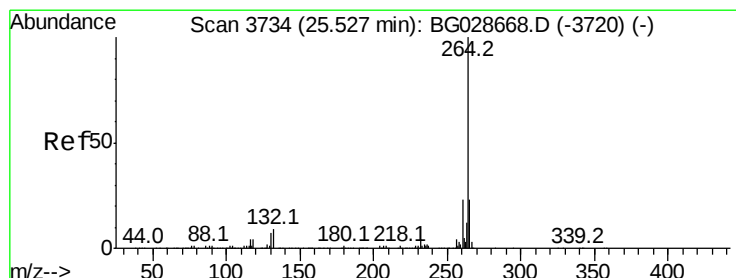
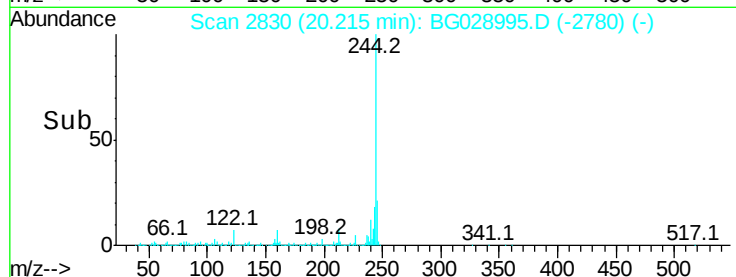
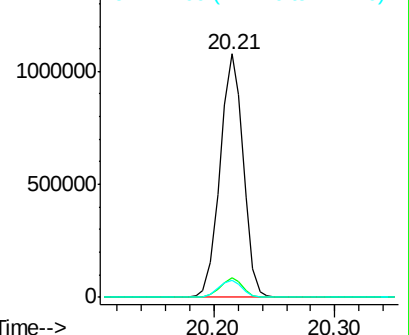


Abundance

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

Perylene-d12

Concen: 20.000 ng

RT: 25.37 min Scan# 3707

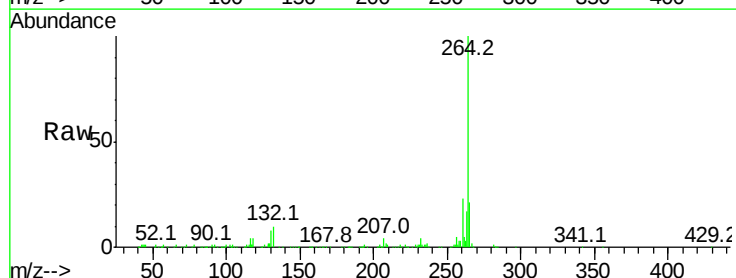
Delta R.T. -0.01 min

Lab File: BG028995.D

Acq: 1 Oct 2017 1:22

Tgt Ion:264 Resp: 323482

Ion	Ratio	Lower	Upper
264	100		
260	22.6	21.8	32.8
265	21.1	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

