

Data Path : U:\HPCHEM1\BNA G\DATA\BG122617\
 Data File : BG031770.D
 Acq On : 26 Dec 2017 20:23
 Operator : SJ/JU
 Sample : I7061-01
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP1

Quant Time: Dec 27 05:50:47 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG122117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Dec 22 11:08:55 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.81	152	49606	20.00	ng	-0.03
21) Naphthalene-d8	11.69	136	203708	20.00	ng	-0.03
38) Acenaphthene-d10	15.43	164	140615	20.00	ng	-0.03
63) Phenanthrene-d10	18.16	188	372115	20.00	ng	-0.04
75) Chrysene-d12	22.51	240	441405	20.00	ng	-0.06
86) Perylene-d12	26.26	264	468137	20.00	ng	-0.10
System Monitoring Compounds						
5) 2-Fluorophenol	6.23	112	313506	115.11	ng	-0.02
7) Phenol-d6	7.91	99	367818	104.02	ng	-0.02
23) Nitrobenzene-d5	10.00	82	229545	85.09	ng	-0.03
41) 2,4,6-Tribromophenol	16.91	330	279097	130.08	ng	-0.03
44) 2-Fluorobiphenyl	14.06	172	849135	75.79	ng	-0.03
78) Terphenyl-d14	20.70	244	1683335	87.13	ng	-0.03

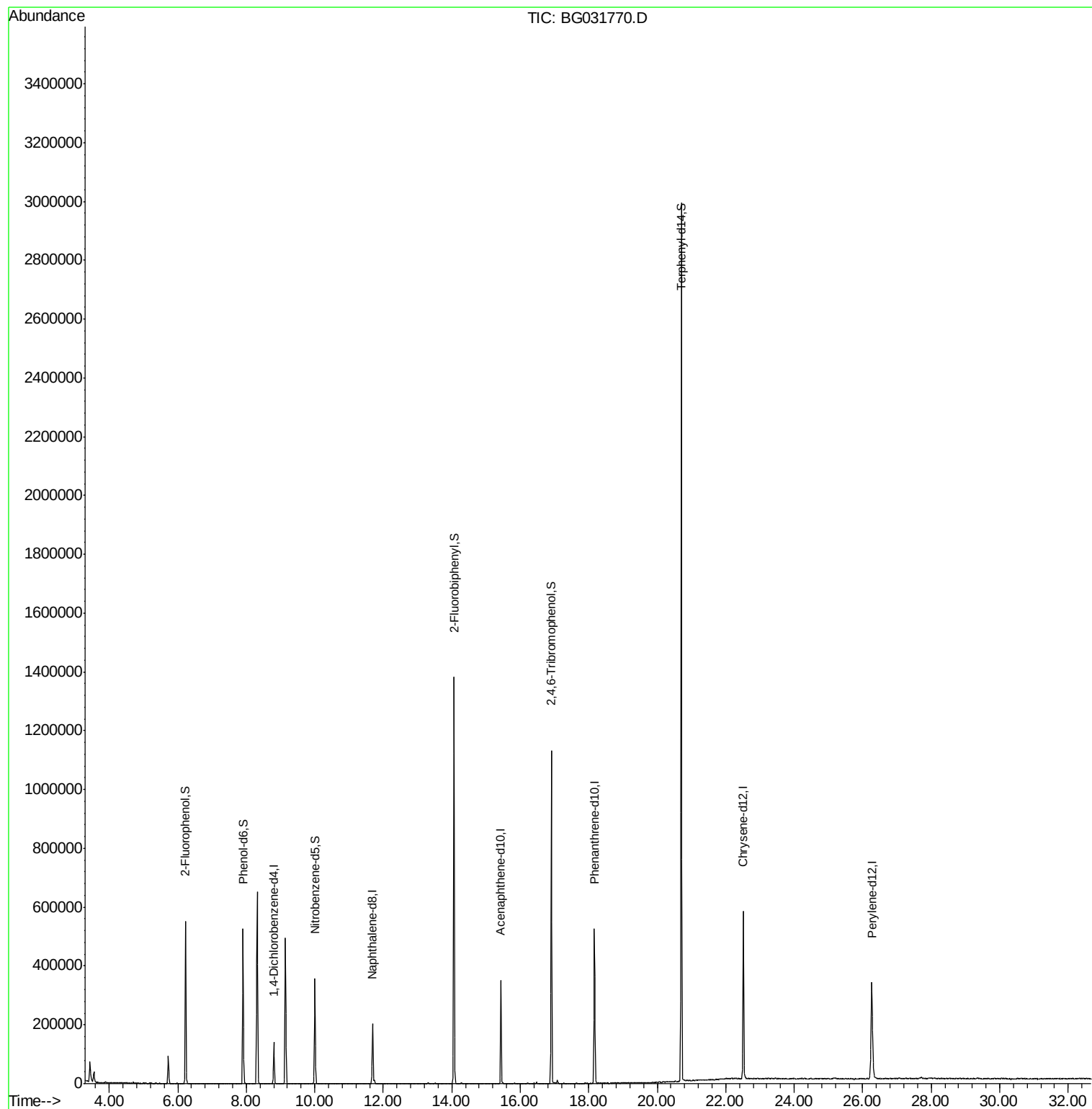
Target Compounds Qvalue

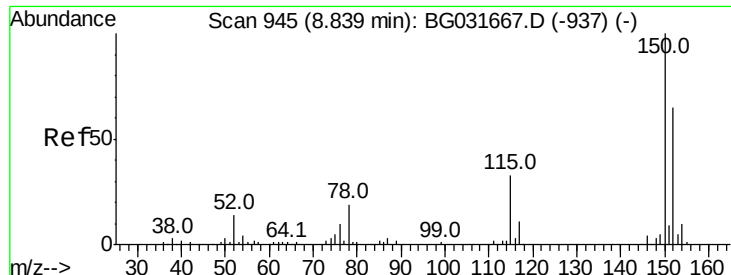
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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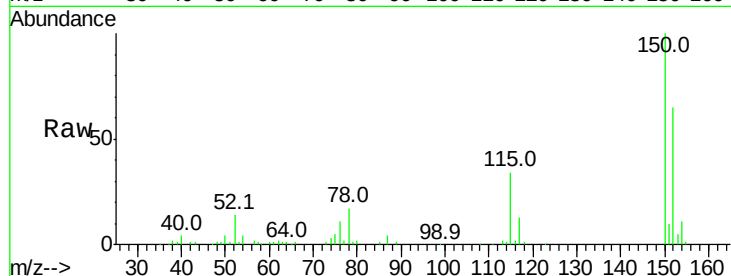


#1

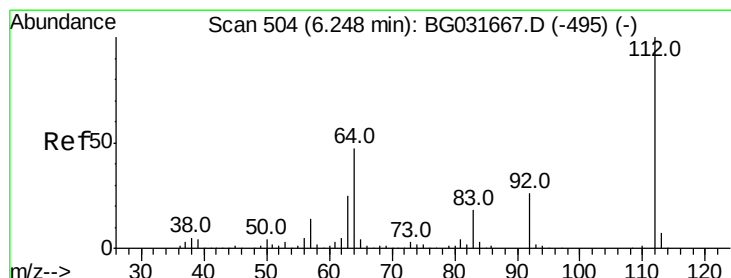
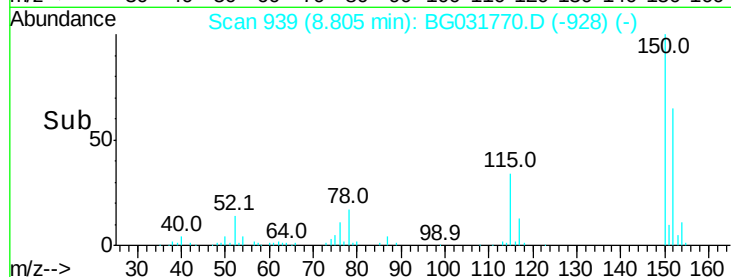
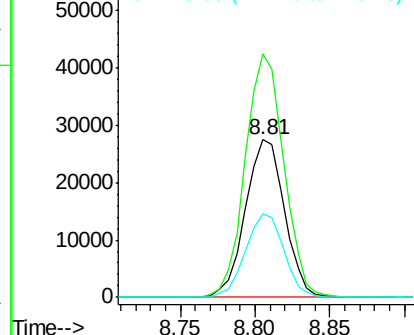
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.81 min Scan# 939
Delta R.T. -0.03 min
Lab File: BG031770.D
Acq: 26 Dec 2017 20:23

Instrument :
BNA_G
ClientSampleId :
TEC-COMP1

Tot Ion:152 Resp: 49606
Ion Ratio Lower Upper
152 100
150 154.8 126.6 189.8
115 53.0 53.0 79.4



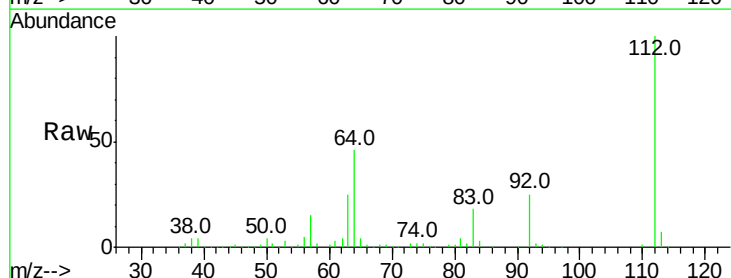
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



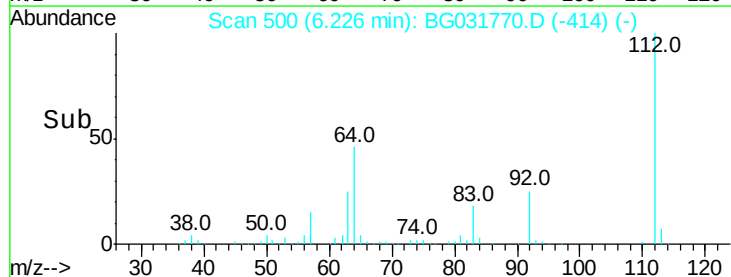
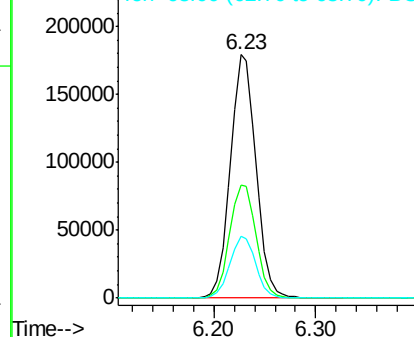
#5

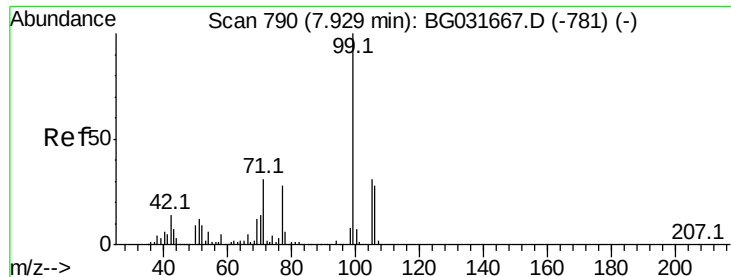
2-Fluorophenol
Concen: 115.110 ng
RT: 6.23 min Scan# 500
Delta R.T. -0.02 min
Lab File: BG031770.D
Acq: 26 Dec 2017 20:23

Tgt Ion:112 Resp: 313506
Ion Ratio Lower Upper
112 100
64 46.5 56.3 84.5#
63 25.2 30.1 45.1#



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





#7

Phenol-d6

Concen: 104.020 ng

RT: 7.91 min Scan# 786

Delta R.T. -0.02 min

Lab File: BG031770.D

Acq: 26 Dec 2017 20:23

Instrument :

BNA_G

ClientSampleId :

TEC-COMP1

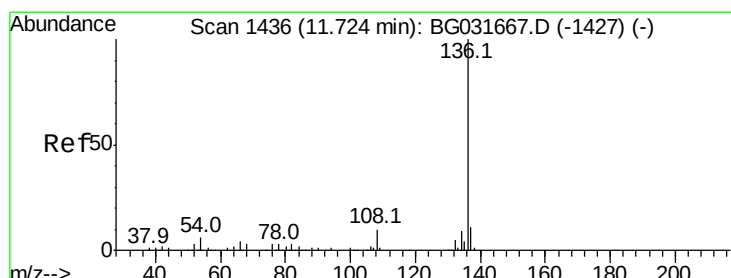
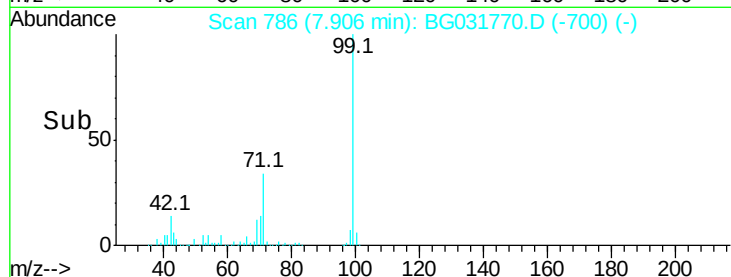
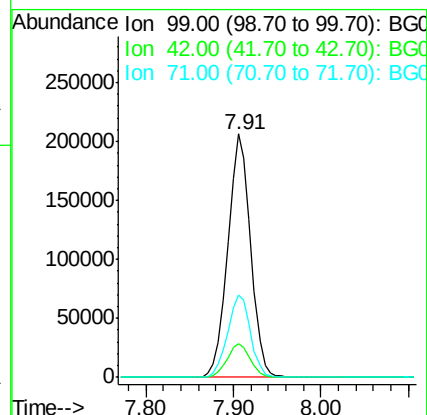
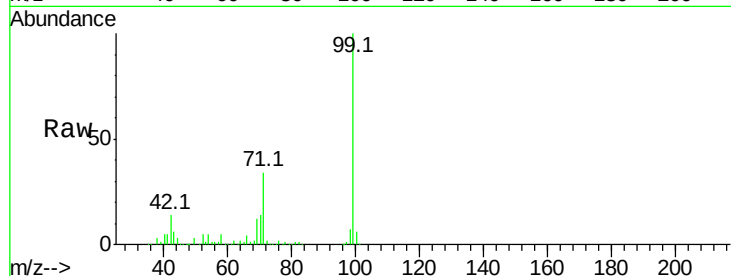
Tot Ion: 99 Resp: 367818

Ion Ratio Lower Upper

99 100

42 14.0 14.1 21.1#

71 33.9 26.1 39.1



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.69 min Scan# 1430

Delta R.T. -0.03 min

Lab File: BG031770.D

Acq: 26 Dec 2017 20:23

Tgt Ion: 136 Resp: 203708

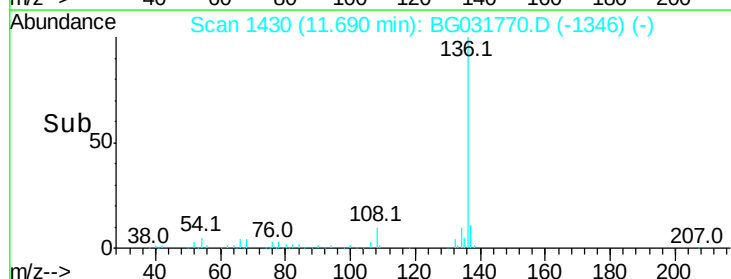
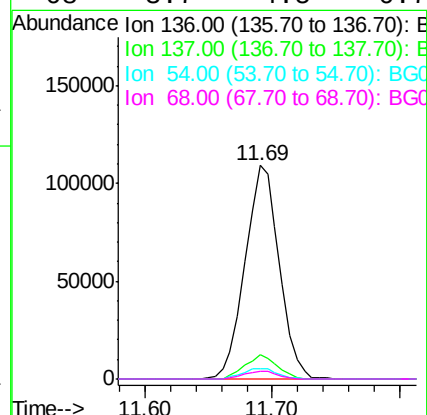
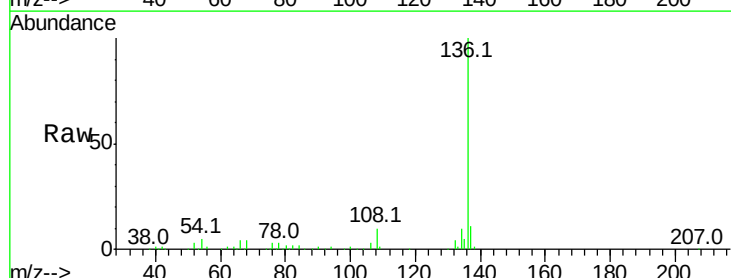
Ion Ratio Lower Upper

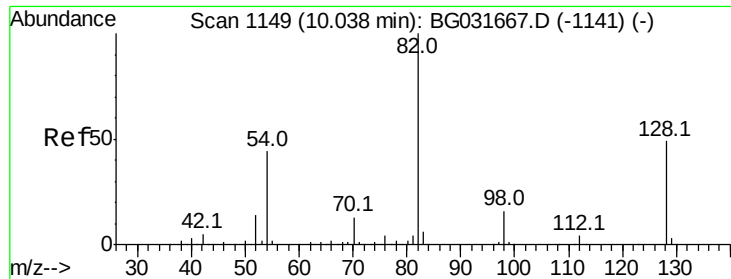
136 100

137 11.4 9.2 13.8

54 4.9 10.3 15.5#

68 3.7 4.5 6.7#

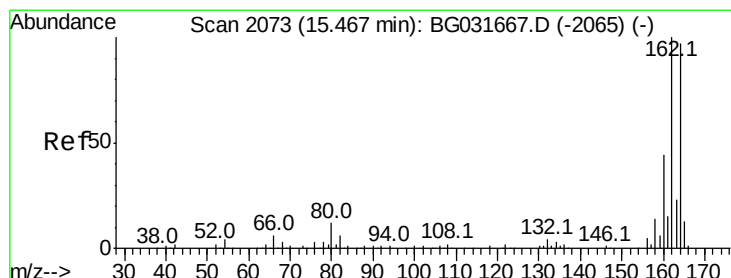
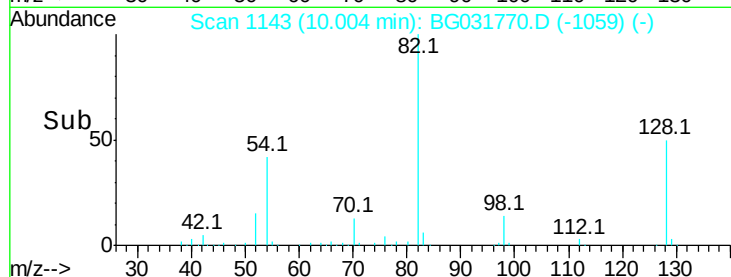
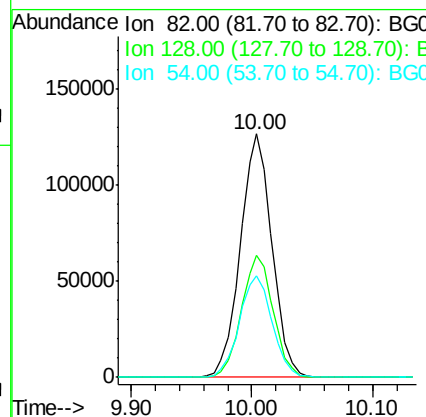
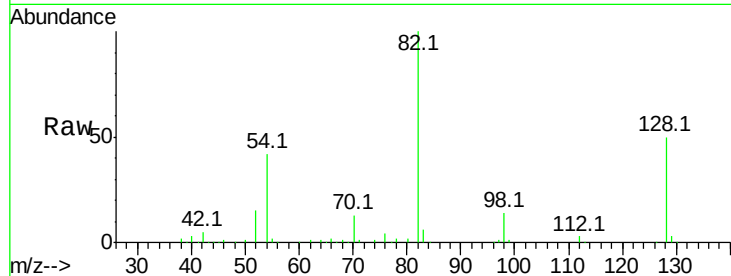




#23
 Nitrobenzene-d5
 Concen: 85.090 ng
 RT: 10.00 min Scan# 1143
 Delta R.T. -0.03 min
 Lab File: BG031770.D
 Acq: 26 Dec 2017 20:23

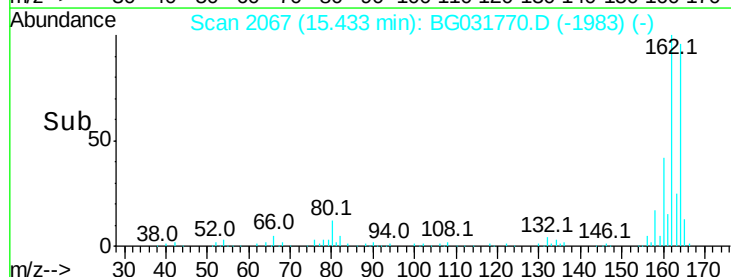
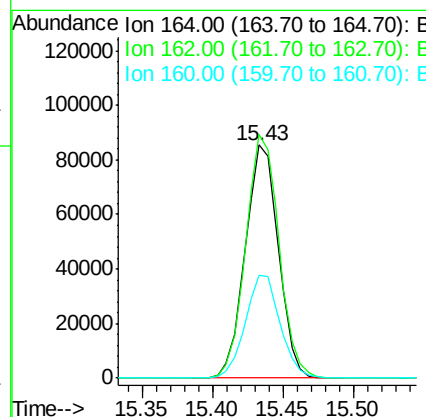
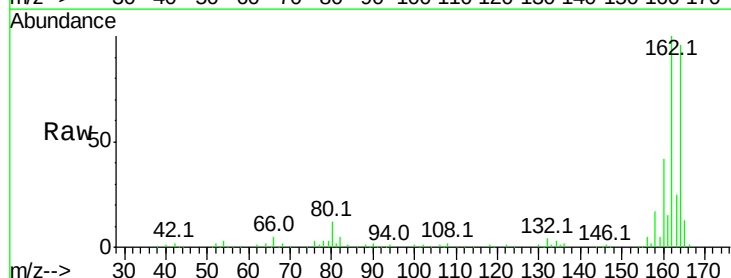
Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP1

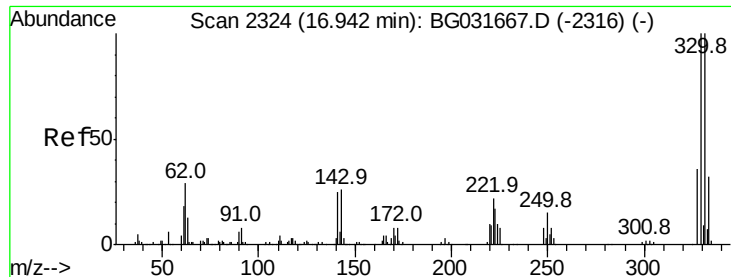
Tot Ion: 82 Resp: 229545
 Ion Ratio Lower Upper
 82 100
 128 50.3 29.7 44.5#
 54 41.8 43.1 64.7#



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.43 min Scan# 2067
 Delta R.T. -0.03 min
 Lab File: BG031770.D
 Acq: 26 Dec 2017 20:23

Tgt Ion: 164 Resp: 140615
 Ion Ratio Lower Upper
 164 100
 162 104.6 78.8 118.2
 160 44.0 35.4 53.0

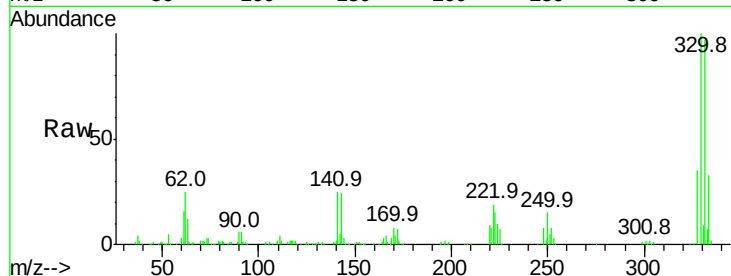




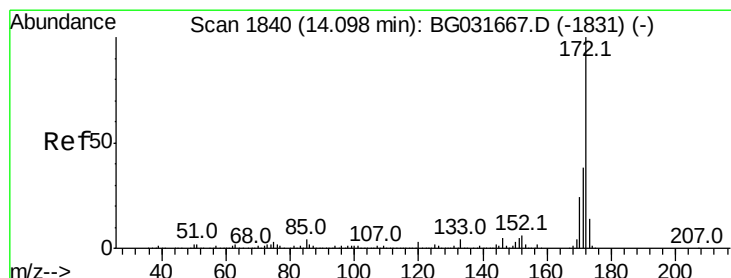
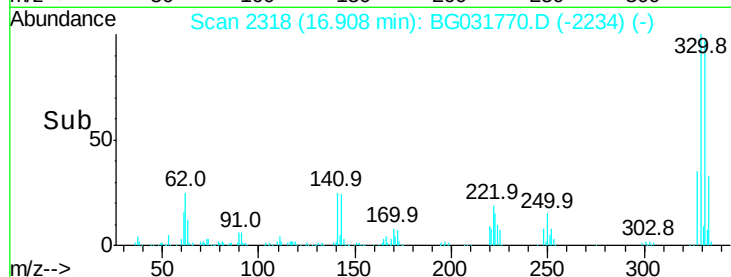
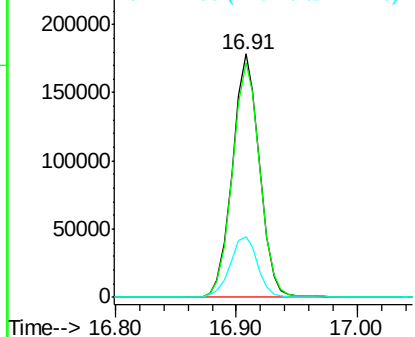
#41
 2,4,6-Tribromophenol
 Concen: 130.079 ng
 RT: 16.91 min Scan# 2318
 Delta R.T. -0.03 min
 Lab File: BG031770.D
 Acq: 26 Dec 2017 20:23

Instrument :
 BNA_G
 ClientSampleId :
 TEC-COMP1

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.7	77.0	115.6
141	25.4	25.2	37.8

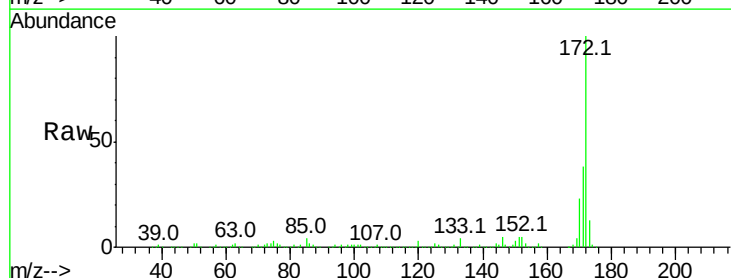


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

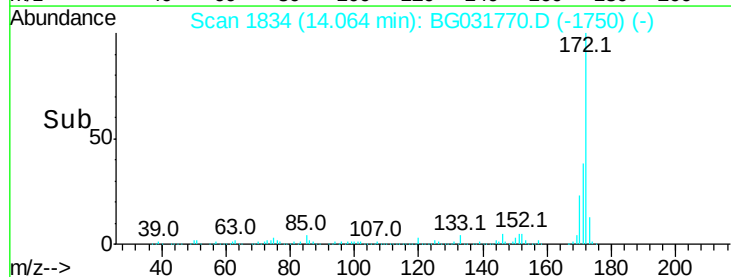
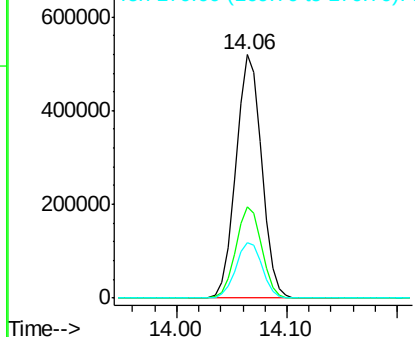


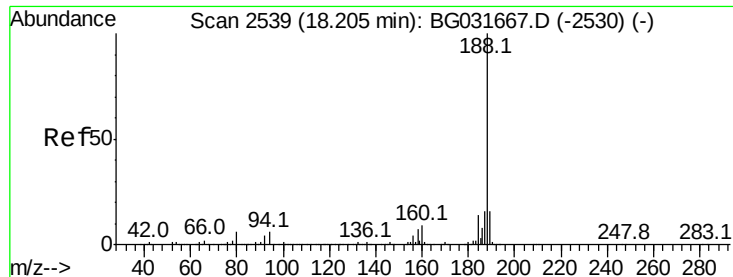
#44
 2-Fluorobiphenyl
 Concen: 75.794 ng
 RT: 14.06 min Scan# 1834
 Delta R.T. -0.03 min
 Lab File: BG031770.D
 Acq: 26 Dec 2017 20:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	22.9	19.5	29.3



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

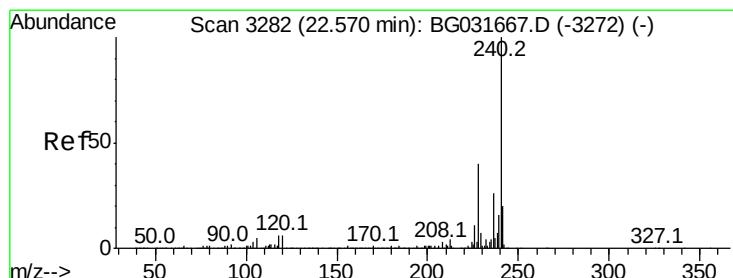
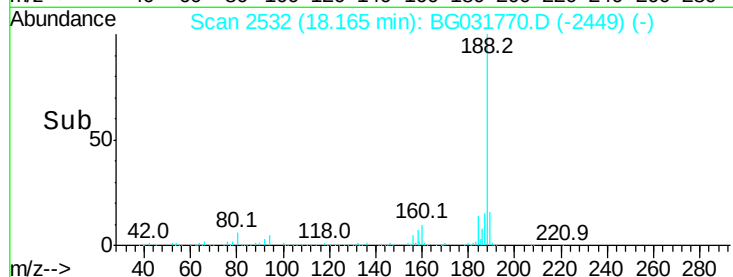
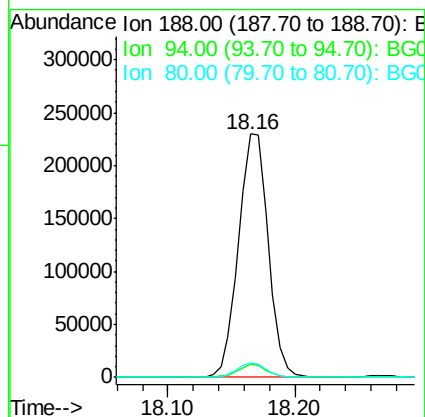
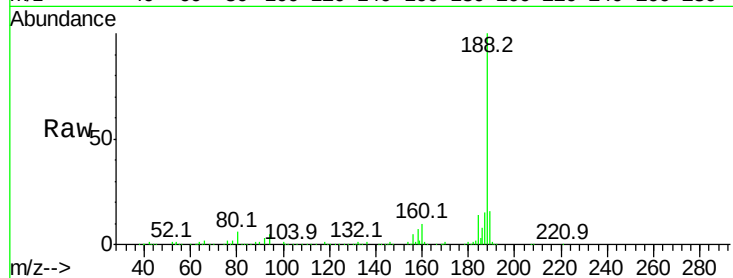




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.16 min Scan# 2532
Delta R.T. -0.04 min
Lab File: BG031770.D
Acq: 26 Dec 2017 20:23

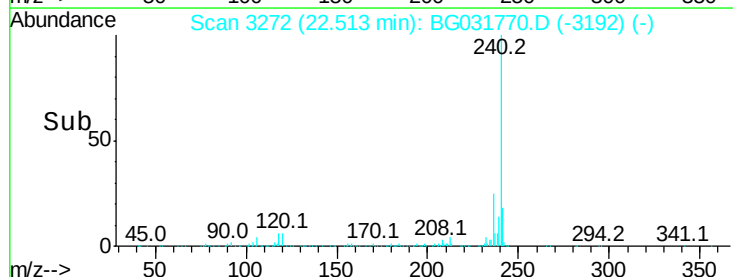
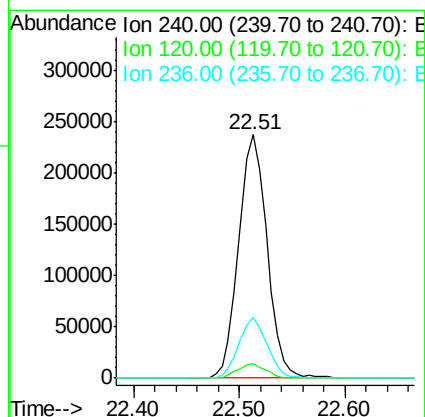
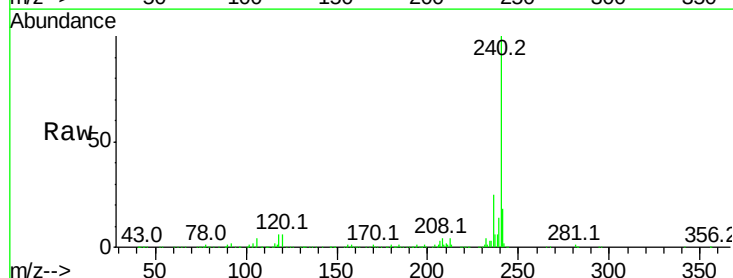
Instrument :
BNA_G
ClientSampleId :
TEC-COMP1

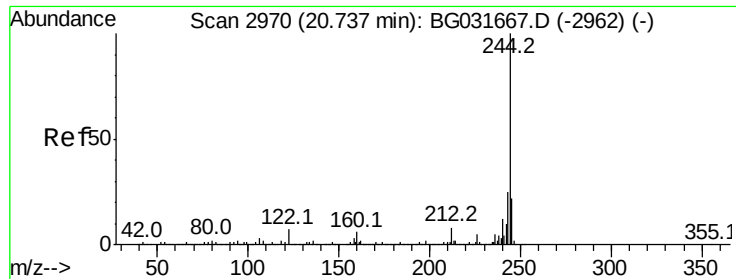
Tot Ion:188 Resp: 372115
Ion Ratio Lower Upper
188 100
94 5.3 6.9 10.3#
80 6.0 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 22.51 min Scan# 3272
Delta R.T. -0.06 min
Lab File: BG031770.D
Acq: 26 Dec 2017 20:23

Tgt Ion:240 Resp: 441405
Ion Ratio Lower Upper
240 100
120 5.7 6.8 10.2#
236 24.7 20.9 31.3





#78

Terphenyl-d14

Concen: 87.127 ng

RT: 20.70 min Scan# 2964

Delta R.T. -0.03 min

Lab File: BG031770.D

Acq: 26 Dec 2017 20:23

Instrument :

BNA_G

ClientSampleId :

TEC-COMP1

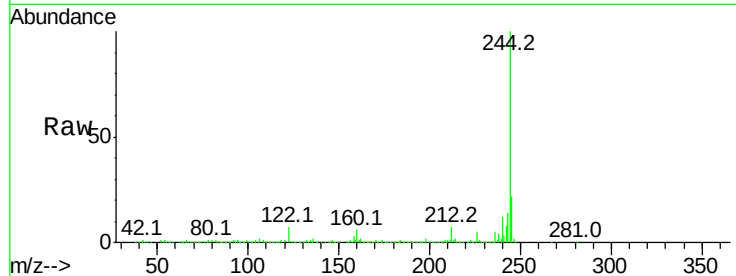
Tot Ion:244 Resp: 1683335

Ion Ratio Lower Upper

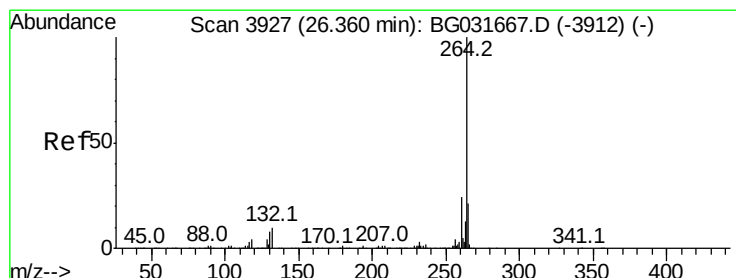
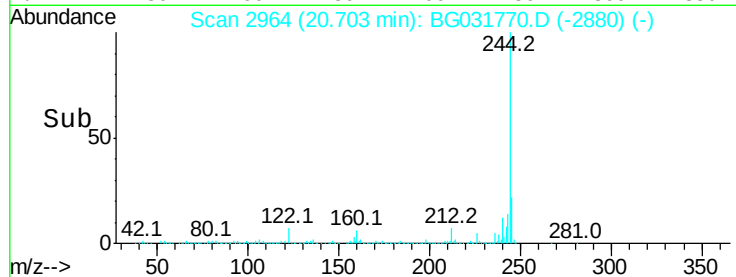
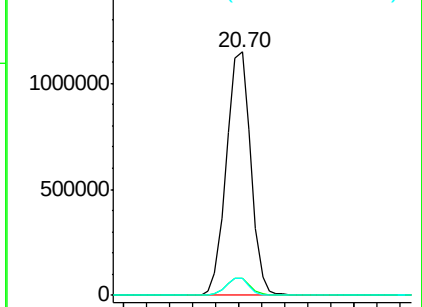
244 100

212 7.1 5.8 8.8

122 6.9 7.0 10.4#



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: 26.26 min Scan# 3910

Delta R.T. -0.10 min

Lab File: BG031770.D

Acq: 26 Dec 2017 20:23

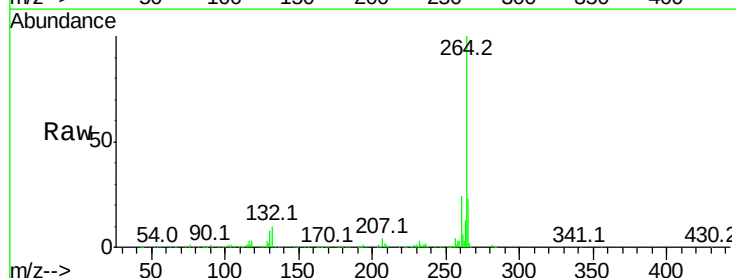
Tgt Ion:264 Resp: 468137

Ion Ratio Lower Upper

264 100

260 23.8 17.4 26.0

265 23.1 17.7 26.5



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

