

Data Path : Z:\HPCHEM1\BNA G\DATA\BG021518\
 Data File : BG032715.D
 Acq On : 15 Feb 2018 16:01
 Operator : SJ/JU
 Sample : J1393-02
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-021418-A

Quant Time: Feb 16 02:36:47 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG021218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Feb 12 18:08:01 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.63	152	20103	20.00	ng	-0.05
21) Naphthalene-d8	11.51	136	82741	20.00	ng	-0.04
38) Acenaphthene-d10	15.27	164	58503	20.00	ng	-0.04
63) Phenanthrene-d10	18.01	188	188660	20.00	ng	-0.04
75) Chrysene-d12	22.34	240	309944	20.00	ng	-0.04
86) Perylene-d12	25.96	264	302756	20.00	ng	-0.06
System Monitoring Compounds						
5) 2-Fluorophenol	6.08	112	125506	125.26	ng	-0.04
7) Phenol-d6	7.75	99	130803	95.47	ng	-0.04
23) Nitrobenzene-d5	9.83	82	104144	80.00	ng	-0.05
41) 2,4,6-Tribromophenol	16.75	330	164693	182.82	ng	-0.04
44) 2-Fluorobiphenyl	13.90	172	386677	82.65	ng	-0.04
78) Terphenyl-d14	20.56	244	1165952	85.74	ng	-0.02

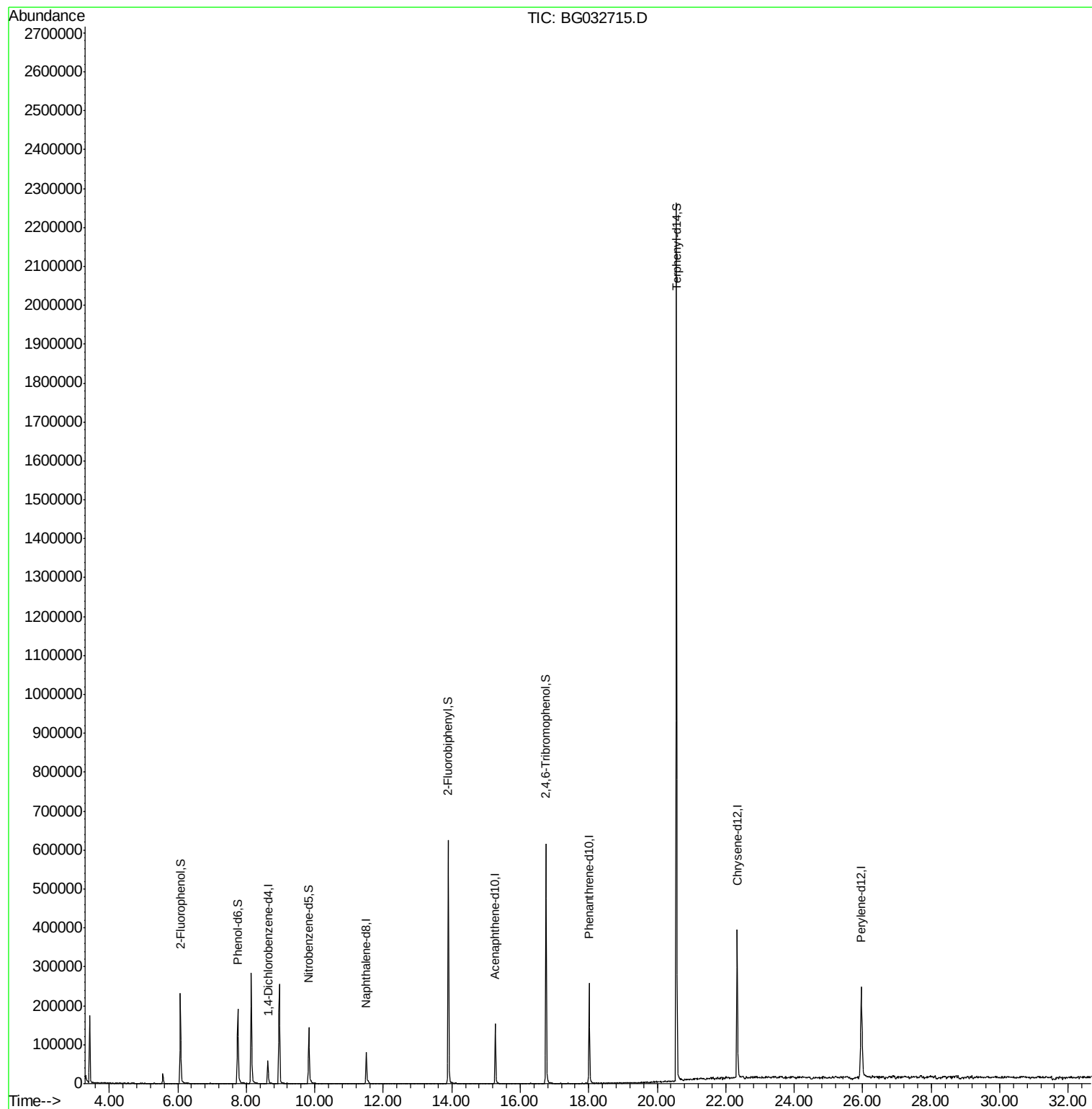
Target Compounds Qvalue

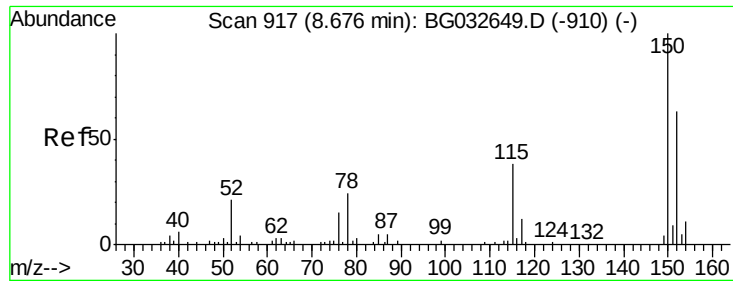
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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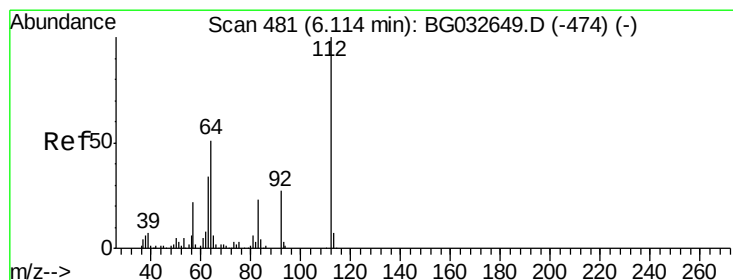
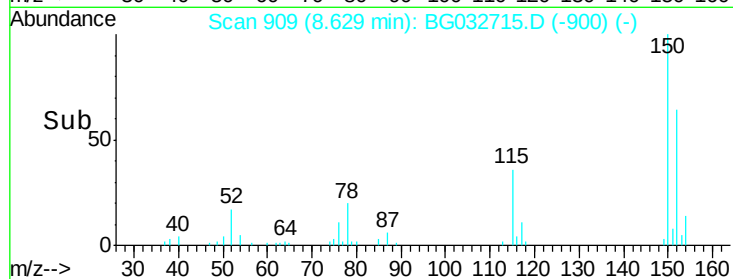
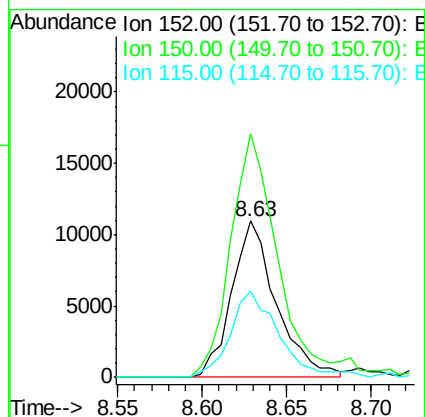
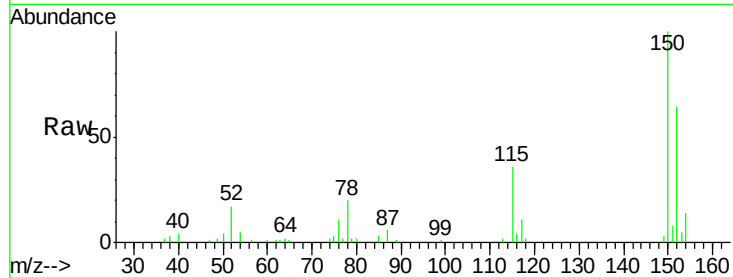


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.63 min Scan# 909
Delta R.T. -0.05 min
Lab File: BG032715.D
Acq: 15 Feb 2018 16:01

Instrument :
BNA_G
ClientSampleId :
HR-06-021418-A

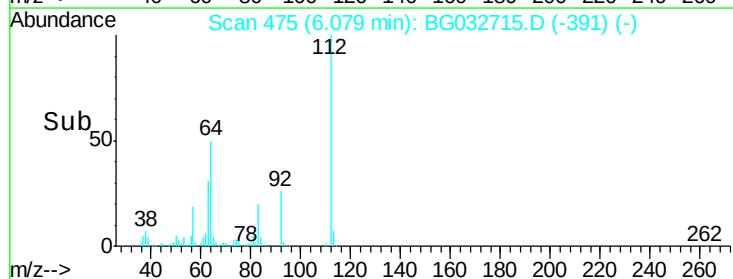
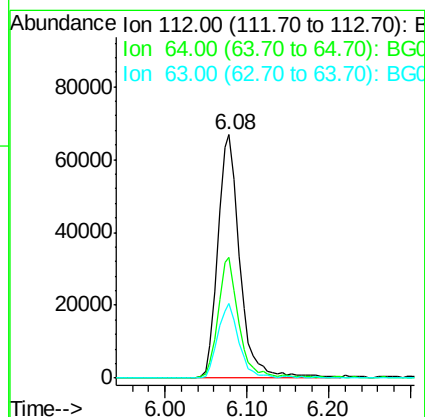
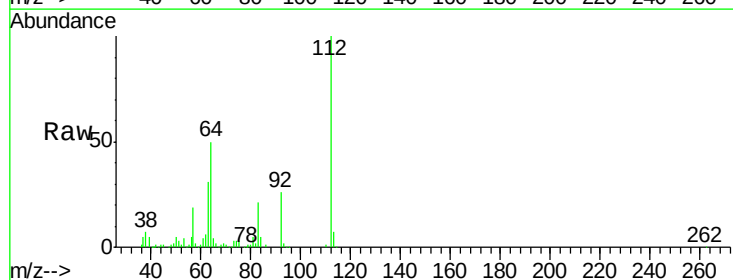
Tot Ion:152 Resp: 20103
Ion Ratio Lower Upper
152 100
150 156.0 126.6 189.8
115 55.4 53.0 79.4

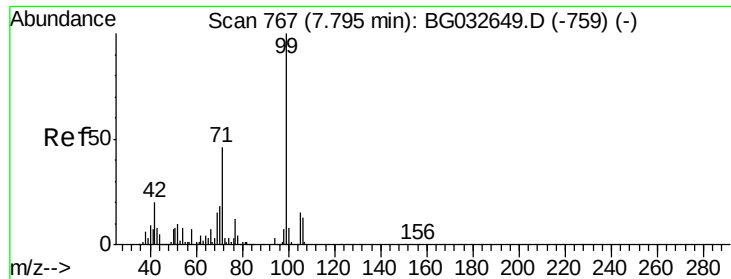


#5

2-Fluorophenol
Concen: 125.259 ng
RT: 6.08 min Scan# 475
Delta R.T. -0.04 min
Lab File: BG032715.D
Acq: 15 Feb 2018 16:01

Tgt Ion:112 Resp: 125506
Ion Ratio Lower Upper
112 100
64 49.6 56.3 84.5#
63 30.6 30.1 45.1





#7

Phenol-d6

Concen: 95.471 ng

RT: 7.75 min Scan# 760

Delta R.T. -0.04 min

Lab File: BG032715.D

Acq: 15 Feb 2018 16:01

Instrument :

BNA_G

ClientSampleId :

HR-06-021418-A

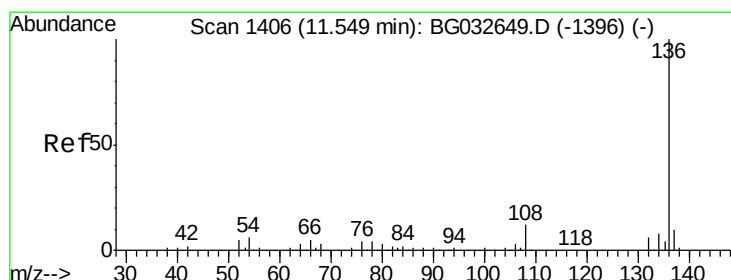
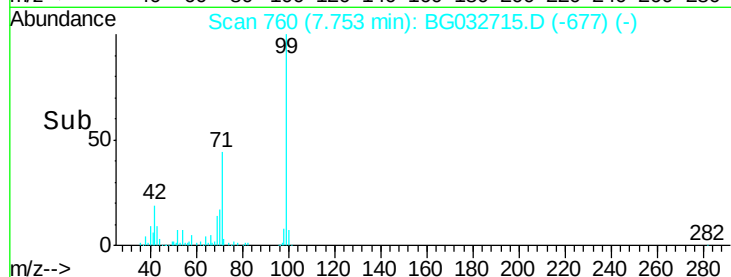
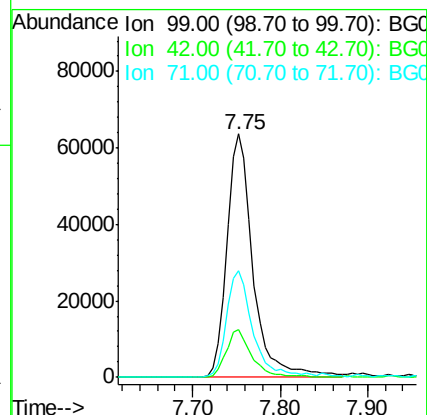
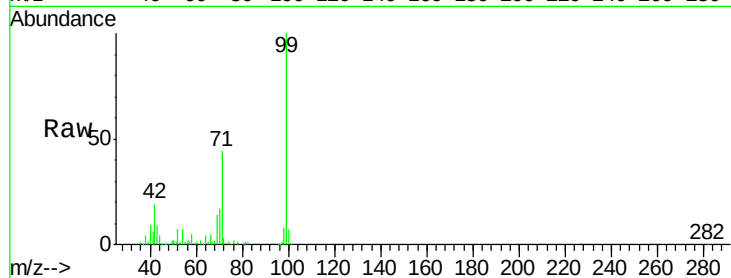
Tot Ion: 99 Resp: 130803

Ion Ratio Lower Upper

99 100

42 19.4 14.1 21.1

71 44.0 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 11.51 min Scan# 1399

Delta R.T. -0.04 min

Lab File: BG032715.D

Acq: 15 Feb 2018 16:01

Tgt Ion: 136 Resp: 82741

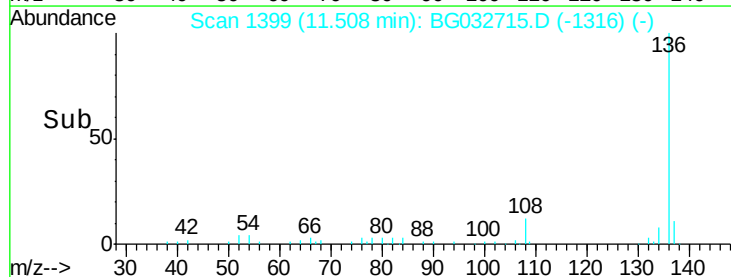
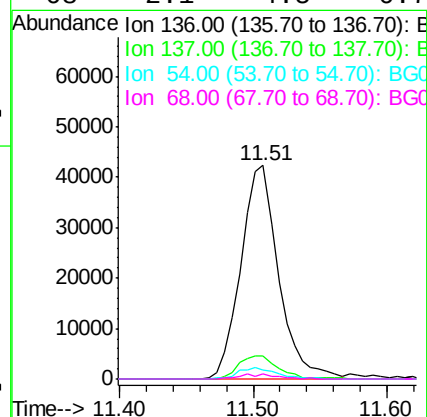
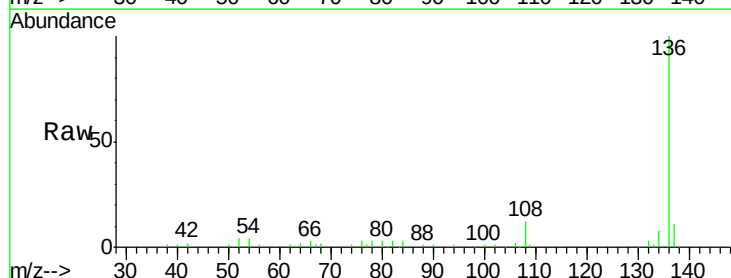
Ion Ratio Lower Upper

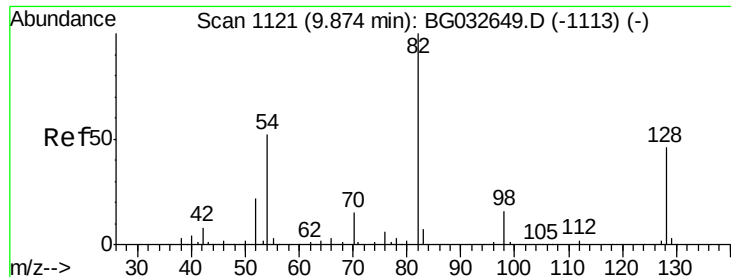
136 100

137 10.9 9.2 13.8

54 4.1 10.3 15.5#

68 2.1 4.5 6.7#

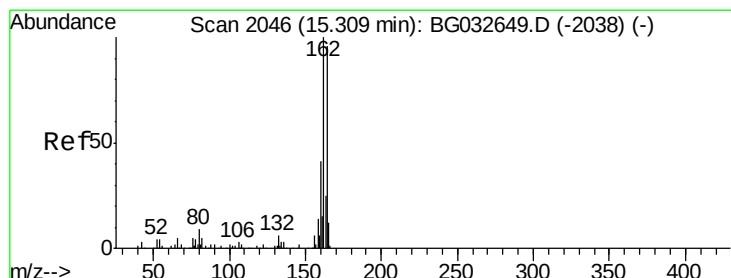
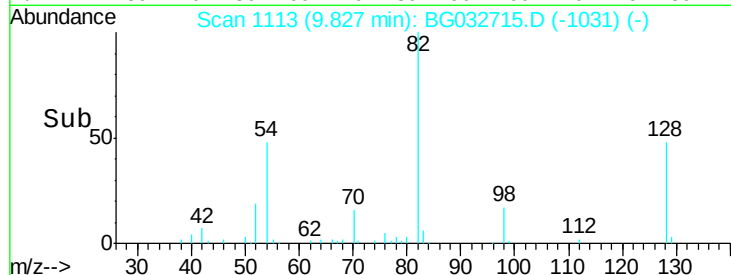
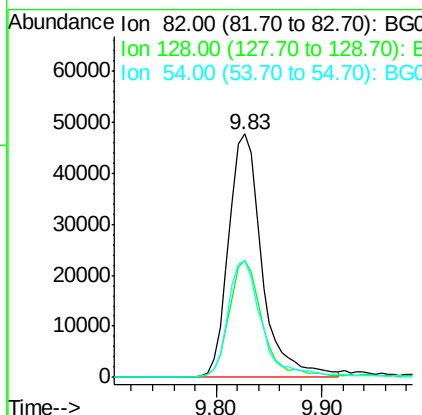
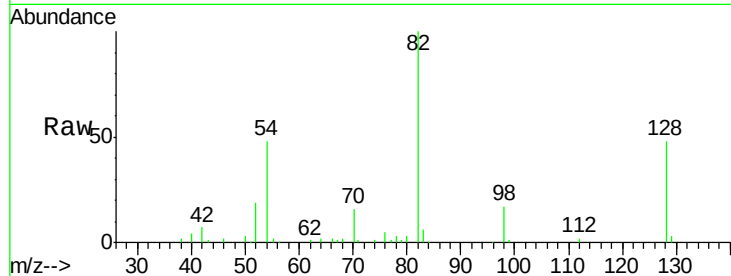




#23
 Nitrobenzene-d5
 Concen: 79.995 ng
 RT: 9.83 min Scan# 1113
 Delta R.T. -0.05 min
 Lab File: BG032715.D
 Acq: 15 Feb 2018 16:01

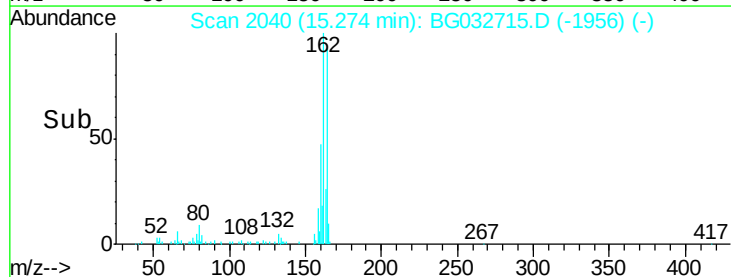
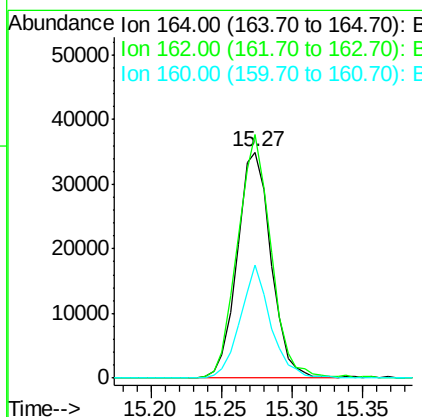
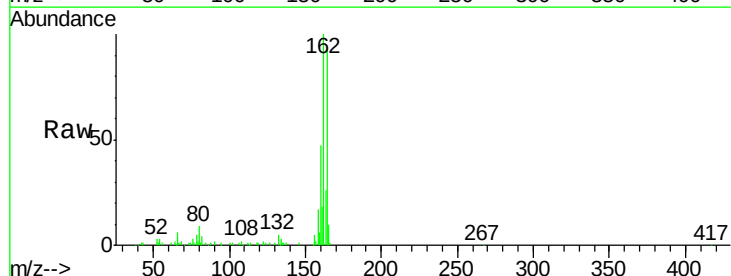
Instrument :
 BNA_G
 ClientSampleId :
 HR-06-021418-A

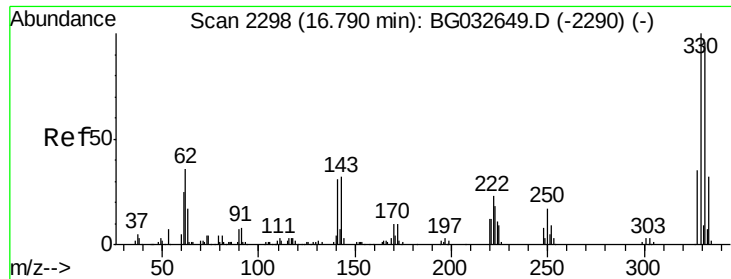
Tot Ion	82	Resp	104144
Ion Ratio	Lower	Upper	
82	100		
128	48.2	29.7	44.5#
54	48.1	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.27 min Scan# 2040
 Delta R.T. -0.04 min
 Lab File: BG032715.D
 Acq: 15 Feb 2018 16:01

Tgt Ion	164	Resp	58503
Ion Ratio	Lower	Upper	
164	100		
162	107.9	78.8	118.2
160	50.3	35.4	53.0

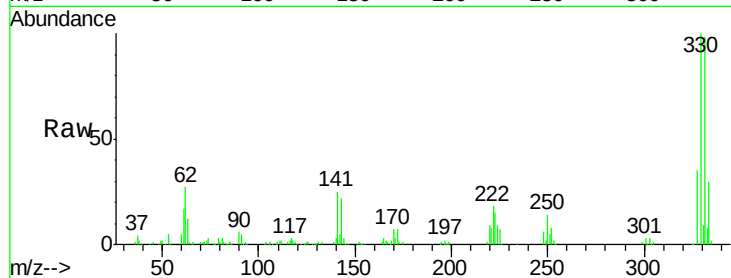




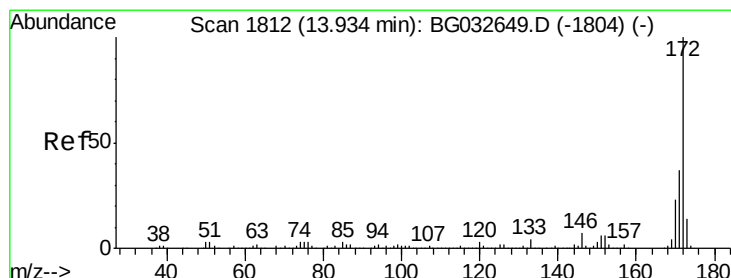
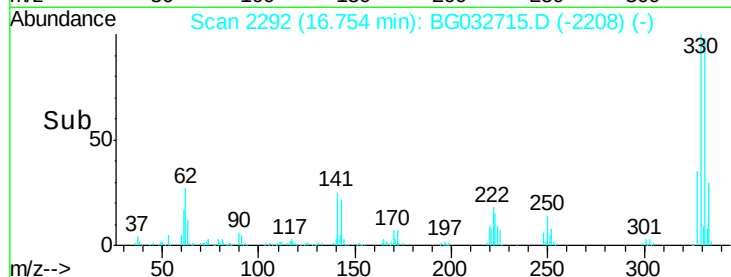
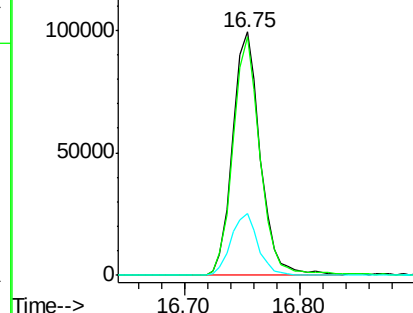
#41
 2,4,6-Tribromophenol
 Concen: 182.825 ng
 RT: 16.75 min Scan# 2292
 Delta R.T. -0.04 min
 Lab File: BG032715.D
 Acq: 15 Feb 2018 16:01

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-021418-A

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.7	77.0	115.6
141	25.1	25.2	37.8#

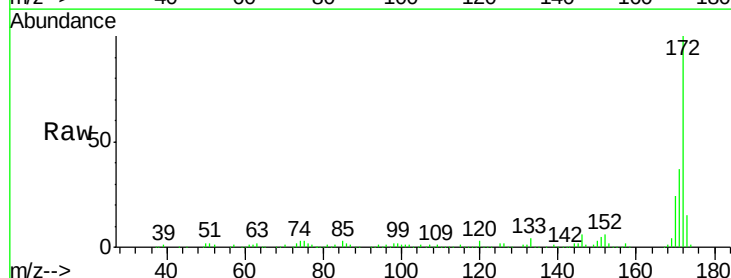


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

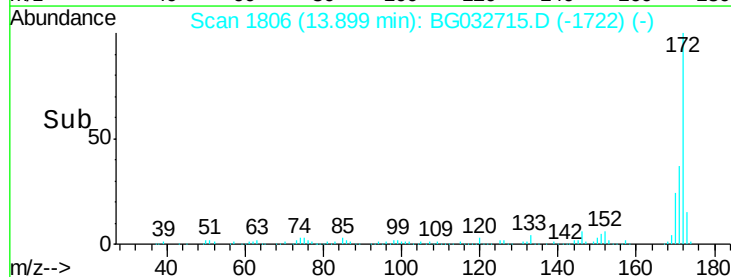
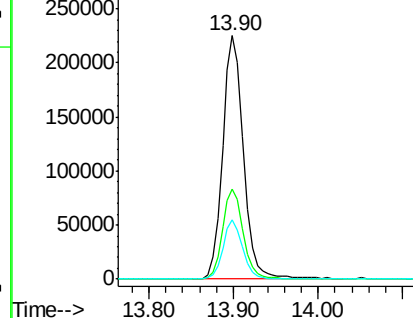


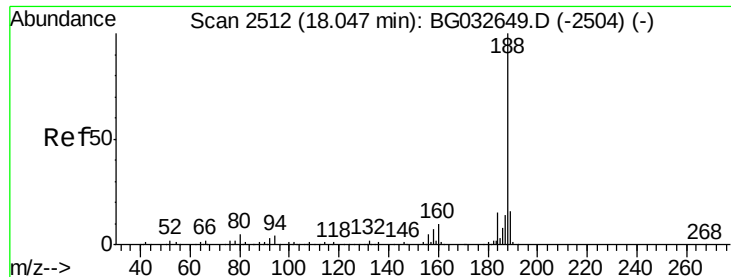
#44
 2-Fluorobiphenyl
 Concen: 82.654 ng
 RT: 13.90 min Scan# 1806
 Delta R.T. -0.04 min
 Lab File: BG032715.D
 Acq: 15 Feb 2018 16:01

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.0	30.0	45.0
170	24.3	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: 18.01 min Scan# 2506

Delta R.T. -0.04 min

Lab File: BG032715.D

Acq: 15 Feb 2018 16:01

Instrument :

BNA_G

ClientSampleId :

HR-06-021418-A

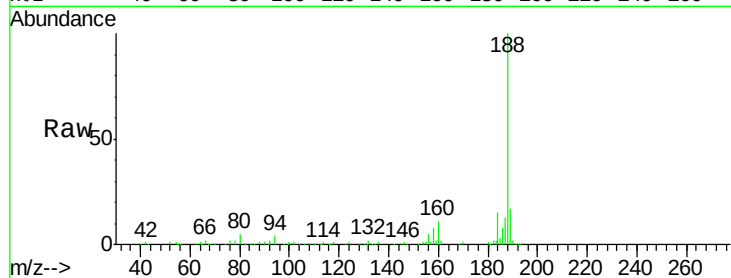
Tot Ion:188 Resp: 188660

Ion Ratio Lower Upper

188 100

94 3.9 6.9 10.3#

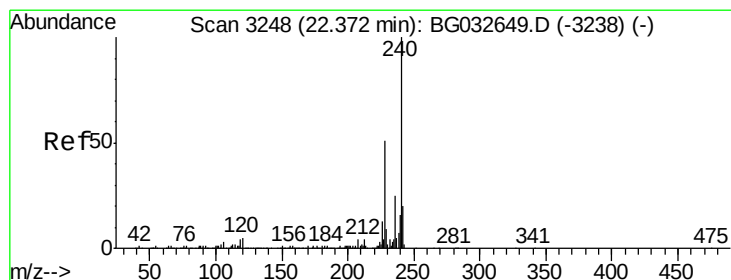
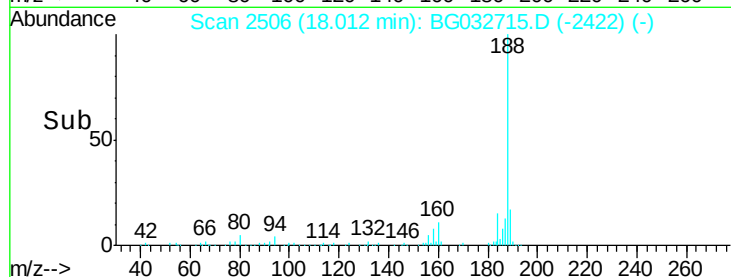
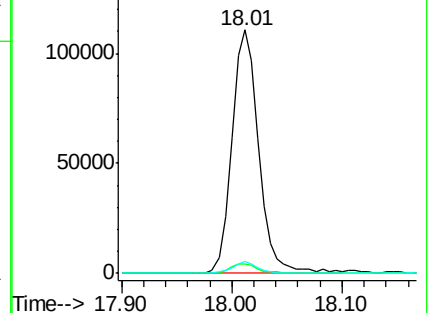
80 4.8 7.7 11.5#



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: 22.34 min Scan# 3242

Delta R.T. -0.04 min

Lab File: BG032715.D

Acq: 15 Feb 2018 16:01

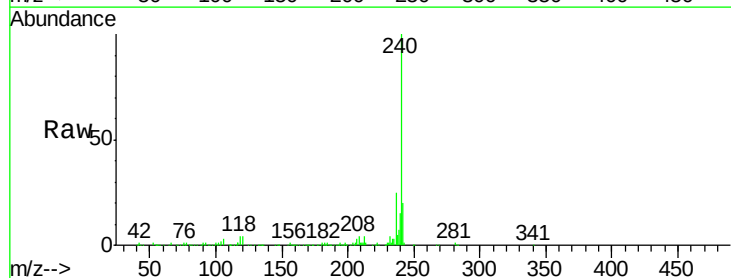
Tgt Ion:240 Resp: 309944

Ion Ratio Lower Upper

240 100

120 3.6 6.8 10.2#

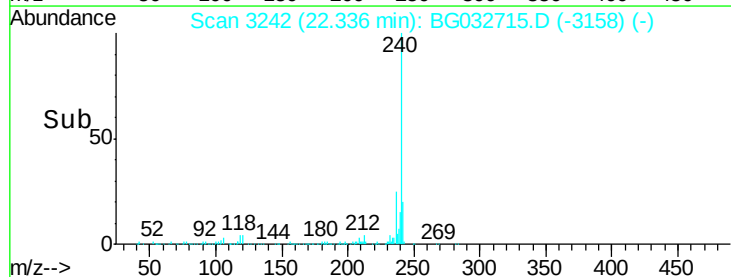
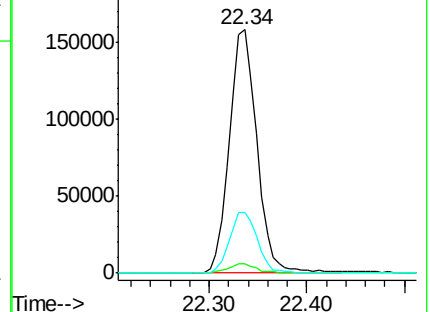
236 24.9 20.9 31.3

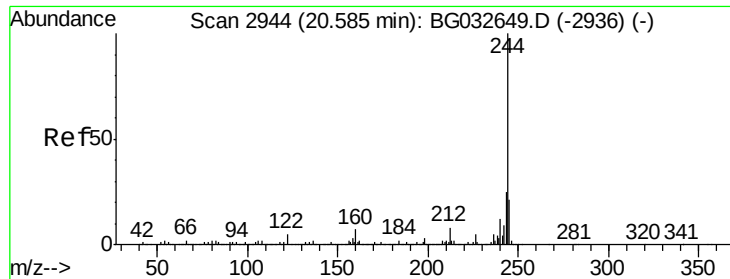


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 85.740 ng

RT: 20.56 min Scan# 2940

Delta R.T. -0.02 min

Lab File: BG032715.D

Acq: 15 Feb 2018 16:01

Instrument :

BNA_G

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HR-06-021418-A

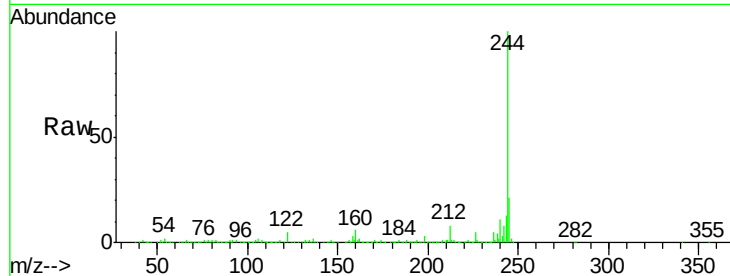
Tot Ion:244 Resp: 1165952

Ion Ratio Lower Upper

244 100

212 7.7 5.8 8.8

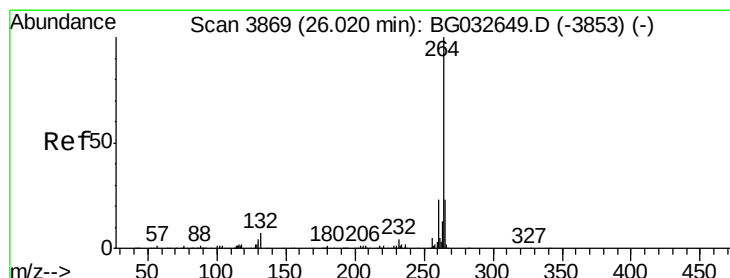
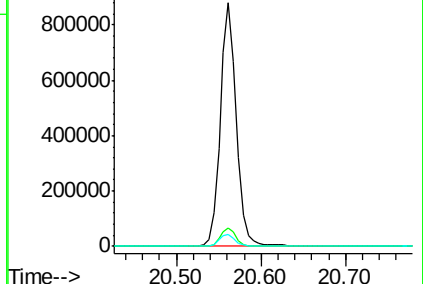
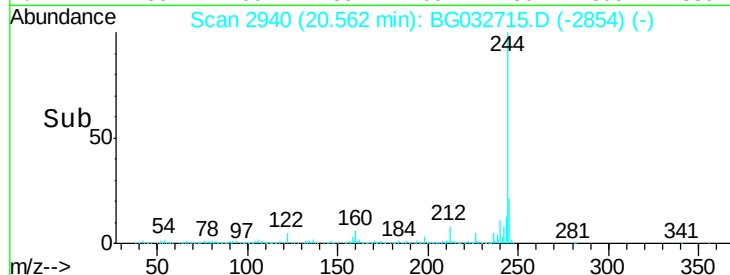
122 5.1 7.0 10.4#



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: 25.96 min Scan# 3859

Delta R.T. -0.06 min

Lab File: BG032715.D

Acq: 15 Feb 2018 16:01

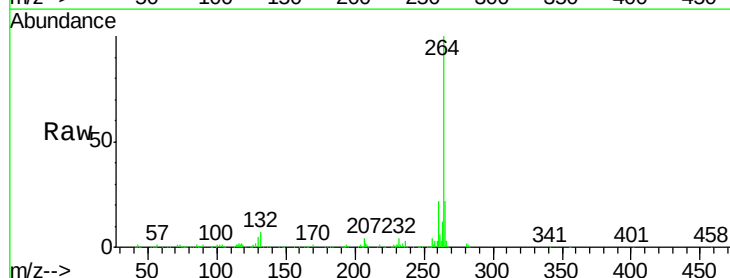
Tgt Ion:264 Resp: 302756

Ion Ratio Lower Upper

264 100

260 21.5 17.4 26.0

265 22.2 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

