

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG071818\
 Data File : BG035730.D
 Acq On : 18 Jul 2018 23:27
 Operator : JU/SJ
 Sample : J3826-04
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-071618

Quant Time: Jul 19 02:39:37 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG071218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jul 18 17:45:13 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.04	152	50721	20.00	ng	0.00
21) Naphthalene-d8	10.84	136	184345	20.00	ng	0.00
38) Acenaphthene-d10	14.67	164	124198	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	346813	20.00	ng	0.00
75) Chrysene-d12	21.67	240	403908	20.00	ng	0.00
86) Perylene-d12	24.88	264	369863	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.63	112	421341	137.92	ng	0.00
7) Phenol-d6	7.21	99	539751	118.42	ng	0.00
23) Nitrobenzene-d5	9.20	82	424325	96.16	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	242569	148.18	ng	0.00
44) 2-Fluorobiphenyl	13.29	172	893583	96.39	ng	0.00
78) Terphenyl-d14	20.01	244	1800949	98.29	ng	0.00

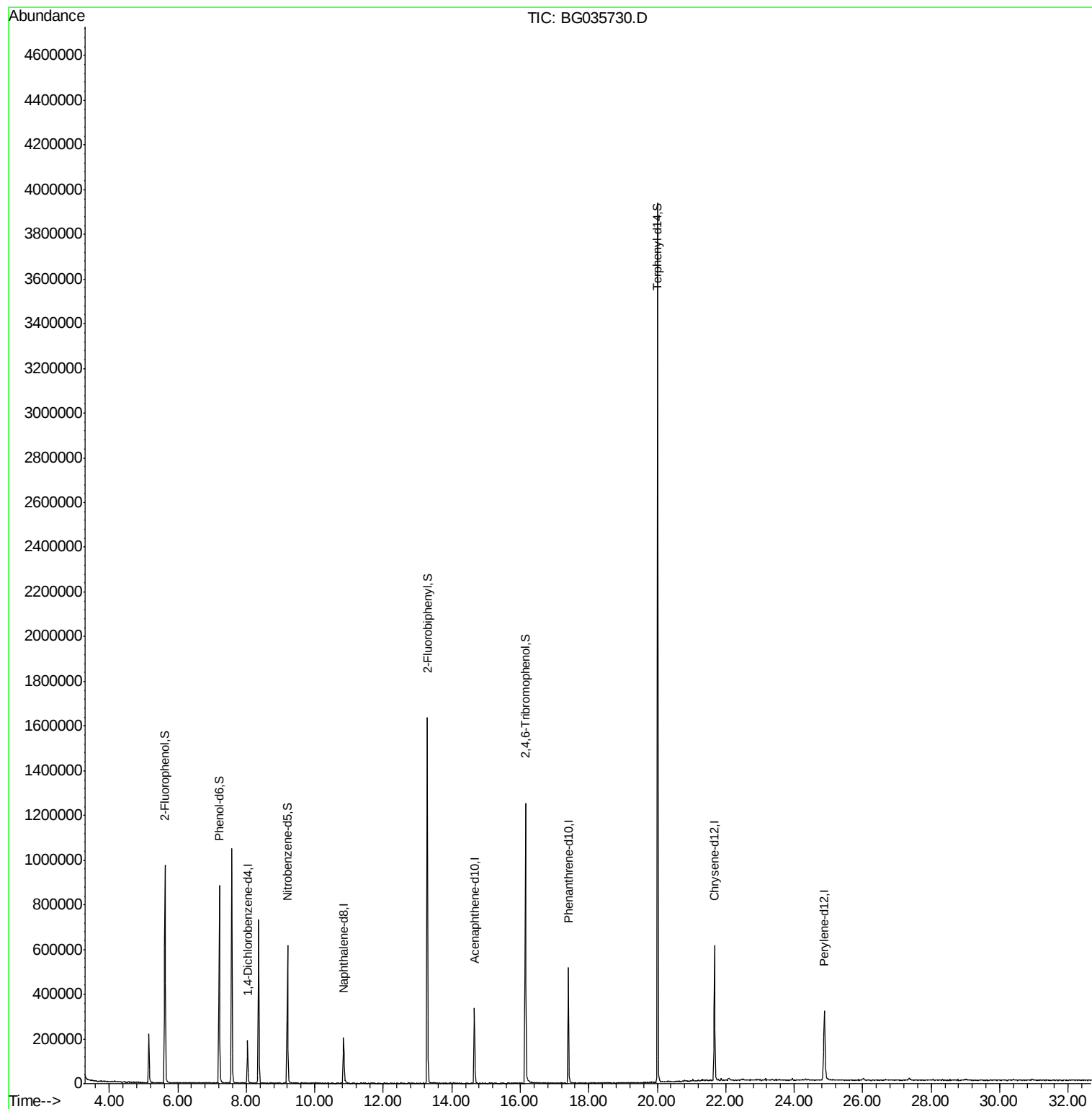
Target Compounds Qvalue

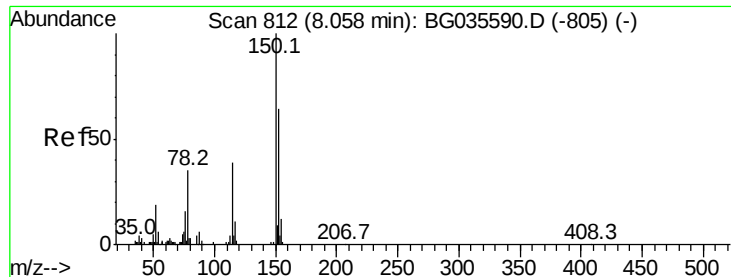
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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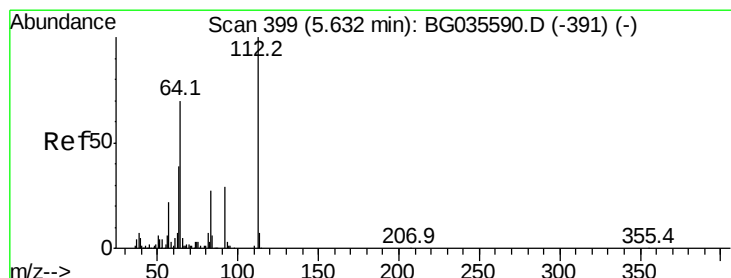
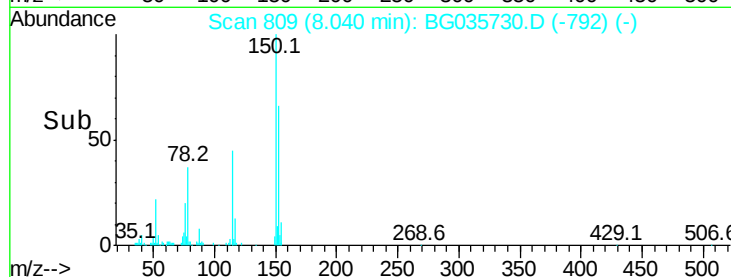
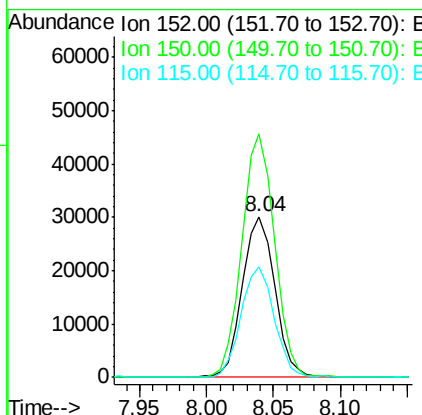
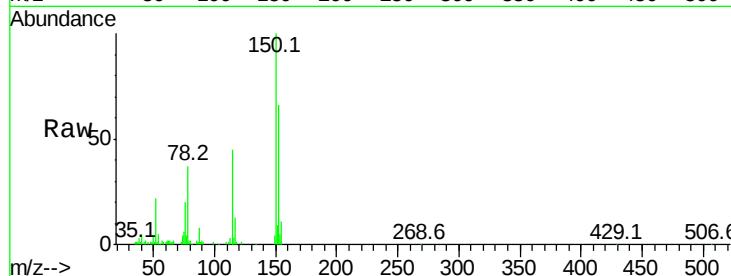


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.04 min Scan# 809
 Delta R.T. -0.00 min
 Lab File: BG035730.D
 Acq: 18 Jul 2018 23:27

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-071618

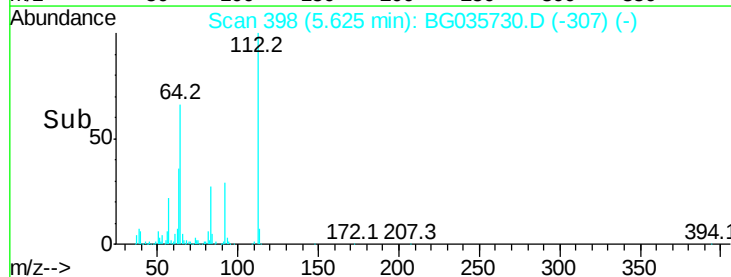
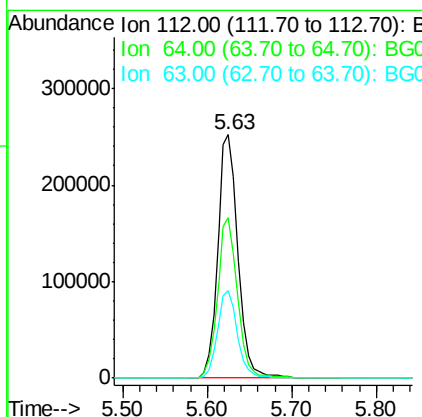
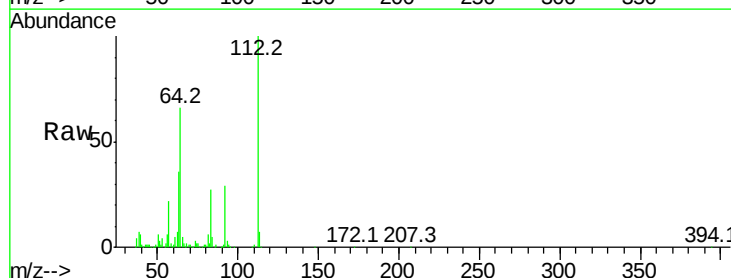
Tot Ion:152 Resp: 50721
 Ion Ratio Lower Upper
 152 100
 150 151.6 126.6 189.8
 115 68.8 53.0 79.4

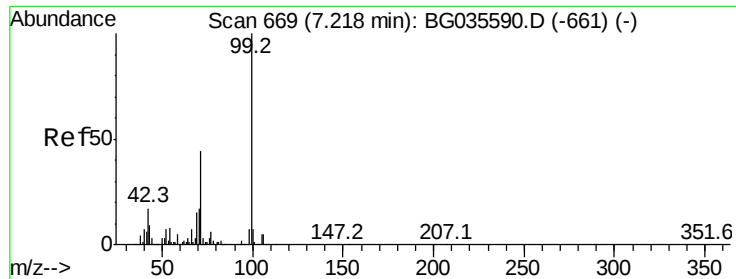


#5

2-Fluorophenol
 Concen: 137.916 ng
 RT: 5.63 min Scan# 398
 Delta R.T. 0.00 min
 Lab File: BG035730.D
 Acq: 18 Jul 2018 23:27

Tgt Ion:112 Resp: 421341
 Ion Ratio Lower Upper
 112 100
 64 65.9 56.3 84.5
 63 35.7 30.1 45.1





#7

Phenol-d6

Concen: 118.416 ng

RT: 7.21 min Scan# 668

Delta R.T. 0.00 min

Lab File: BG035730.D

Acq: 18 Jul 2018 23:27

Instrument :

BNA_G

ClientSampleId :

OK-01-071618

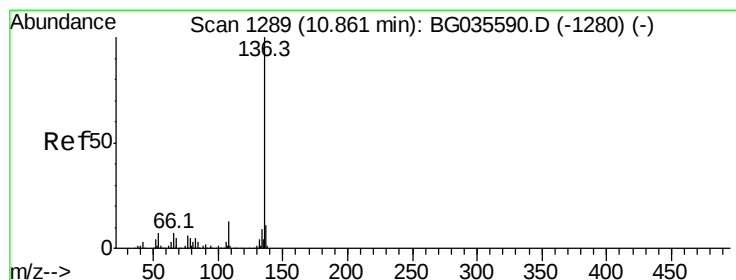
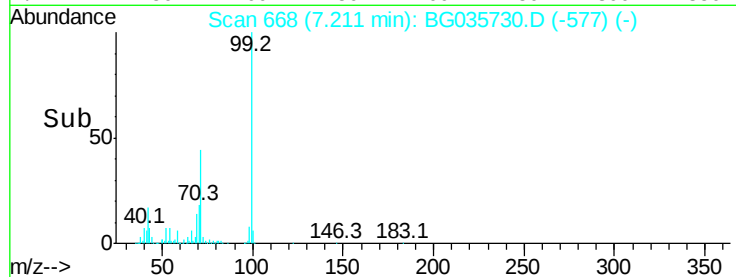
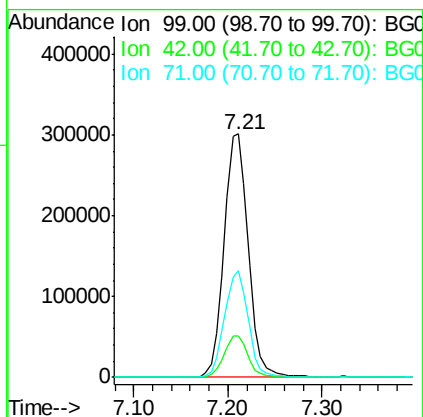
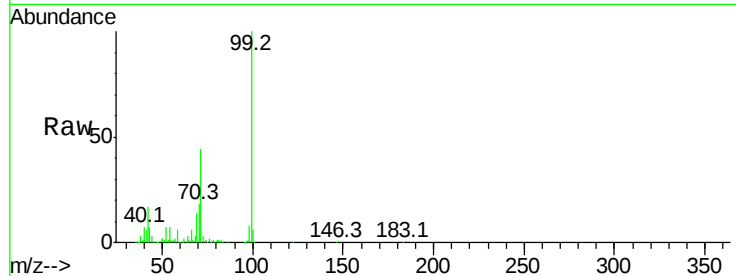
Tot Ion: 99 Resp: 539751

Ion Ratio Lower Upper

99 100

42 16.8 14.1 21.1

71 43.8 26.1 39.1#



#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.84 min Scan# 1286

Delta R.T. -0.00 min

Lab File: BG035730.D

Acq: 18 Jul 2018 23:27

Tgt Ion: 136 Resp: 184345

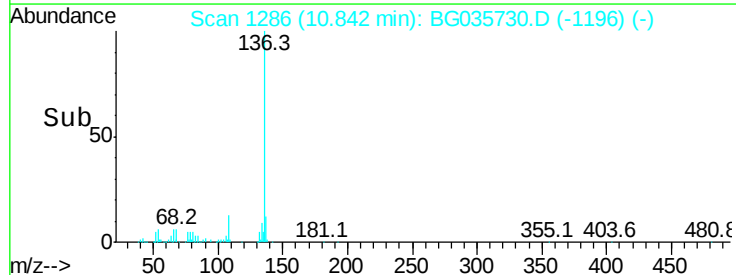
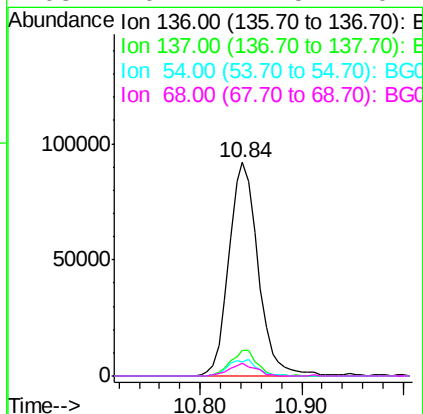
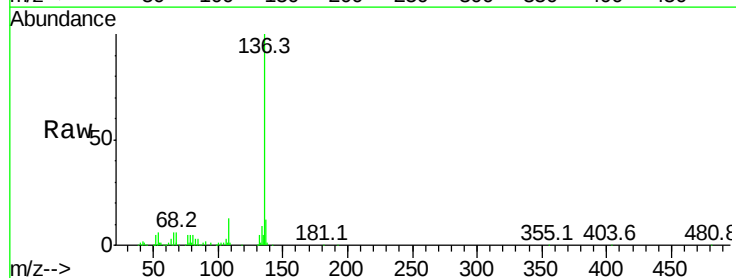
Ion Ratio Lower Upper

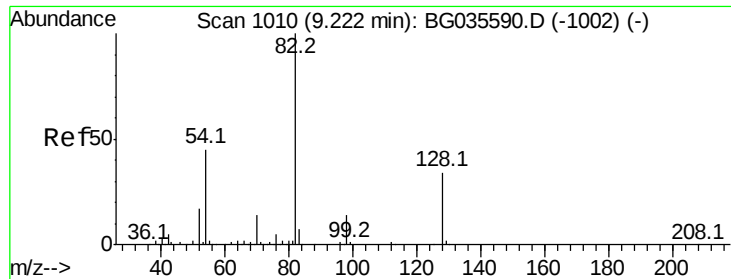
136 100

137 12.3 9.2 13.8

54 6.4 10.3 15.5#

68 6.1 4.5 6.7

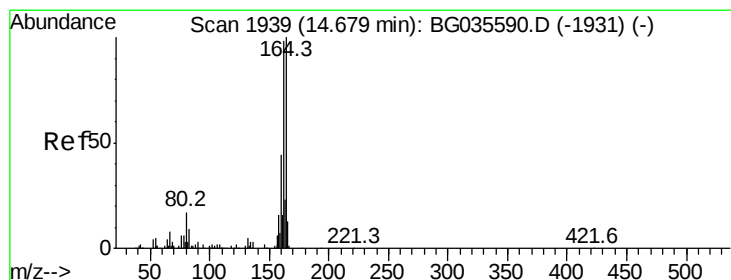
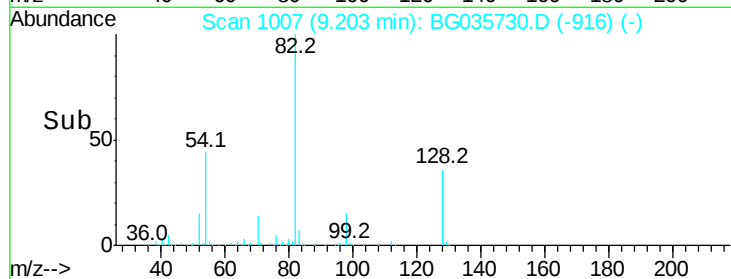
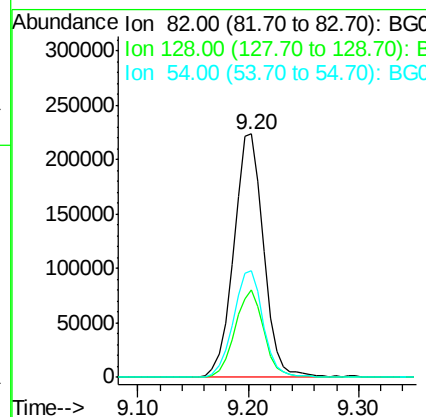
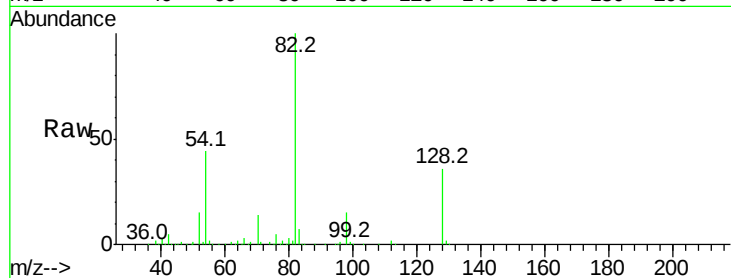




#23
 Nitrobenzene-d5
 Concen: 96.157 ng
 RT: 9.20 min Scan# 1007
 Delta R.T. 0.00 min
 Lab File: BG035730.D
 Acq: 18 Jul 2018 23:27

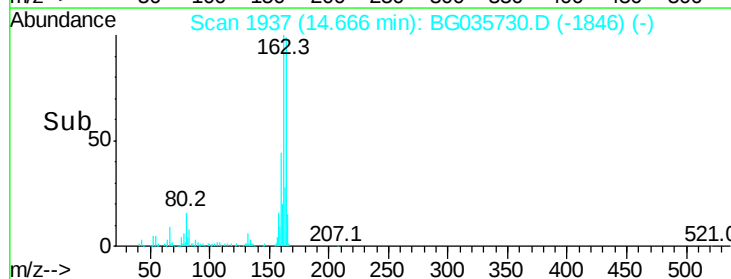
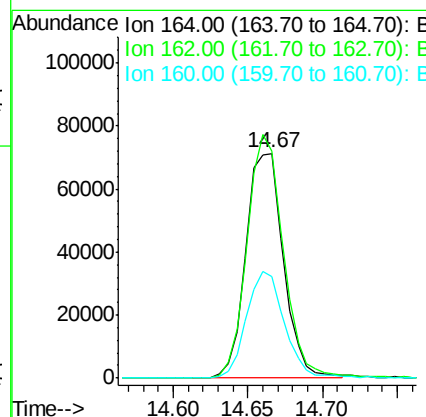
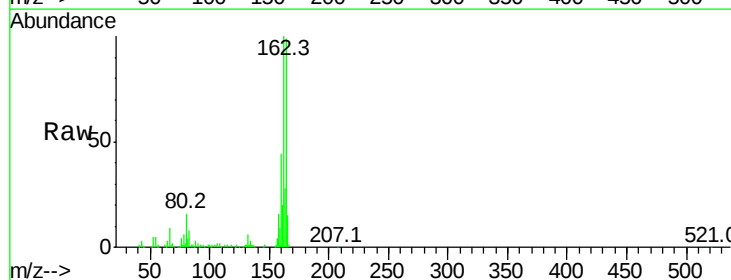
Instrument :
 BNA_G
 ClientSampleId :
 OK-01-071618

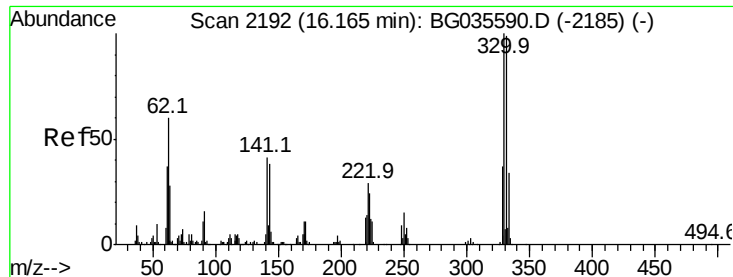
Tot Ion	82	Resp	424325
Ion	Ratio	Lower	Upper
82	100		
128	35.9	29.7	44.5
54	43.8	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.67 min Scan# 1937
 Delta R.T. 0.00 min
 Lab File: BG035730.D
 Acq: 18 Jul 2018 23:27

Tgt Ion	164	Resp	124198
Ion	Ratio	Lower	Upper
164	100		
162	101.1	78.8	118.2
160	44.9	35.4	53.0

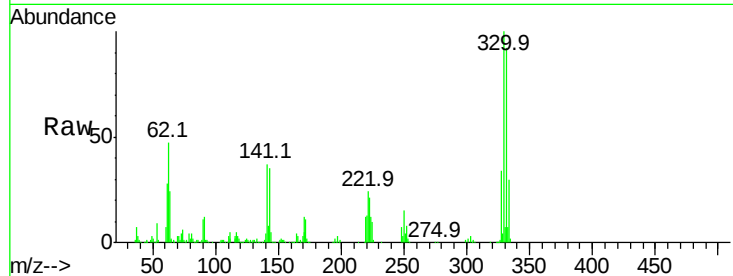




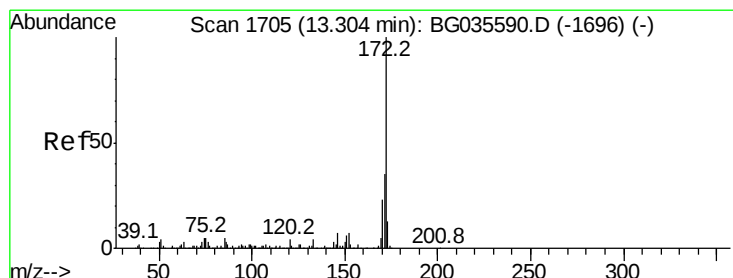
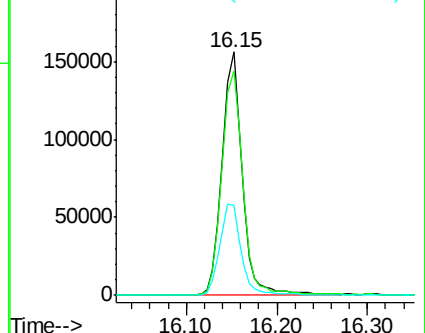
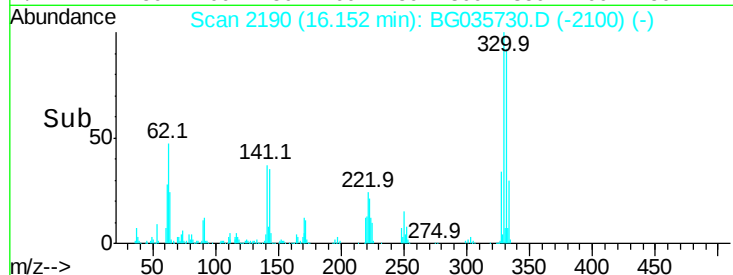
#41
 2,4,6-Tribromophenol
 Concen: 148.178 ng
 RT: 16.15 min Scan# 2190
 Delta R.T. -0.00 min
 Lab File: BG035730.D
 Acq: 18 Jul 2018 23:27

Instrument :
 BNA_G
 ClientSampleId :
 OK-01-071618

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.6	77.0	115.6
141	39.7	25.2	37.8#

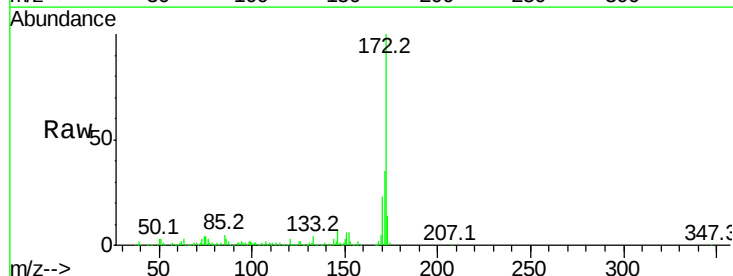


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

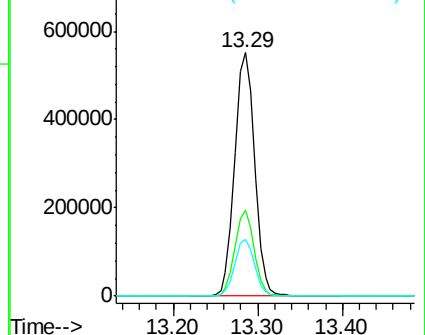
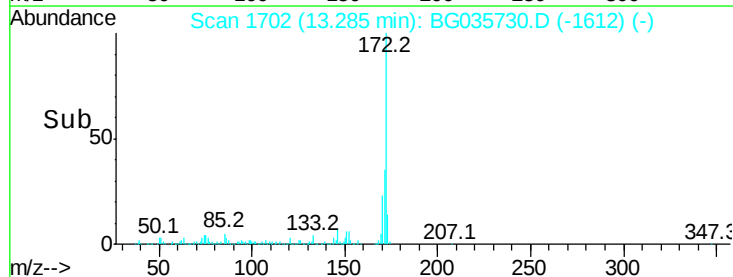


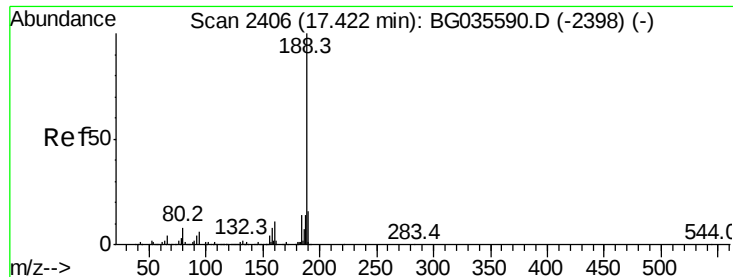
#44
 2-Fluorobiphenyl
 Concen: 96.392 ng
 RT: 13.29 min Scan# 1702
 Delta R.T. -0.00 min
 Lab File: BG035730.D
 Acq: 18 Jul 2018 23:27

Tgt Ion	Ratio	Lower	Upper
172	100		
171	35.3	30.0	45.0
170	23.5	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

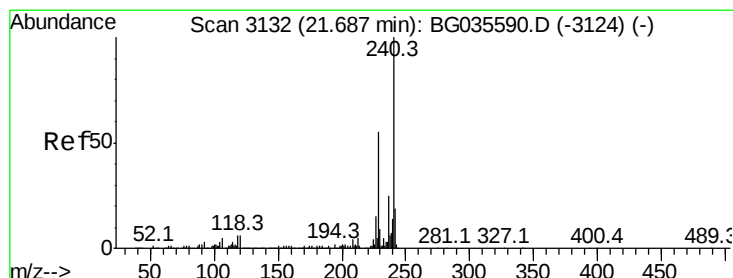
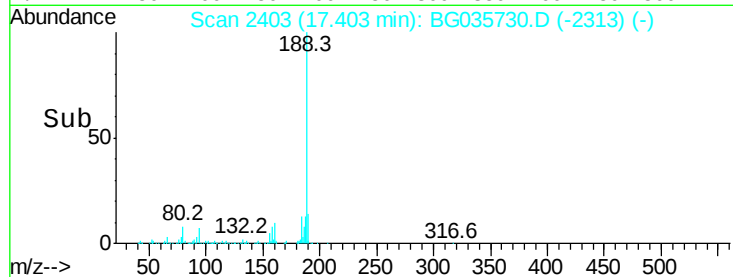
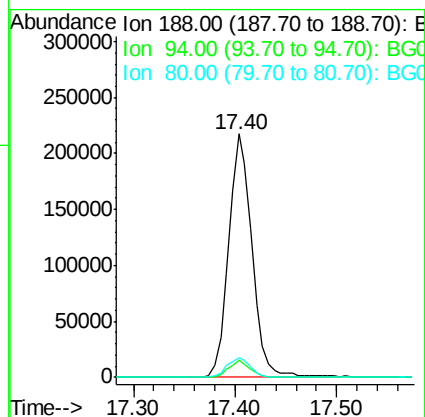
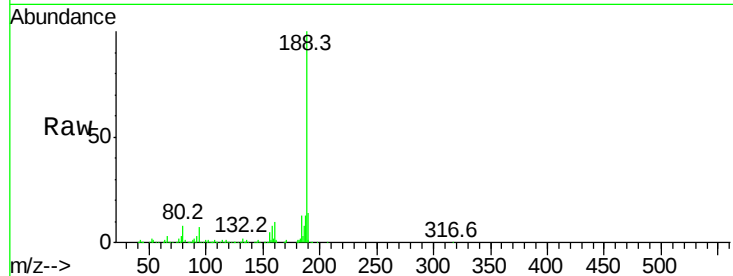




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.40 min Scan# 2403
Delta R.T. -0.00 min
Lab File: BG035730.D
Acq: 18 Jul 2018 23:27

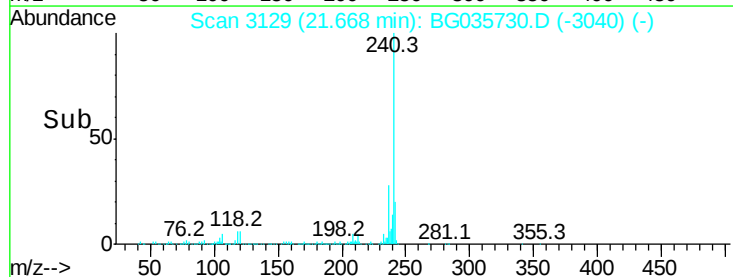
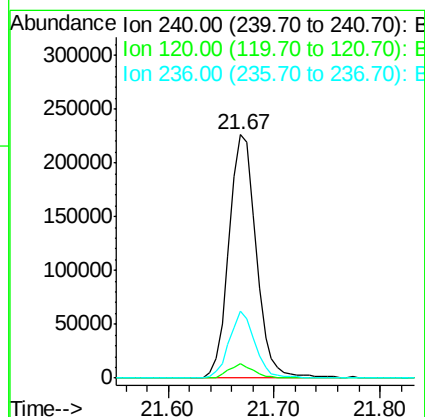
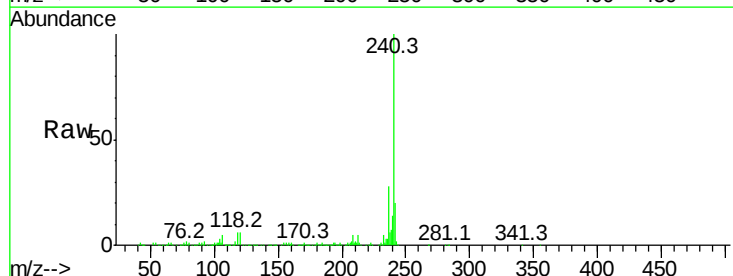
Instrument :
BNA_G
ClientSampleId :
OK-01-071618

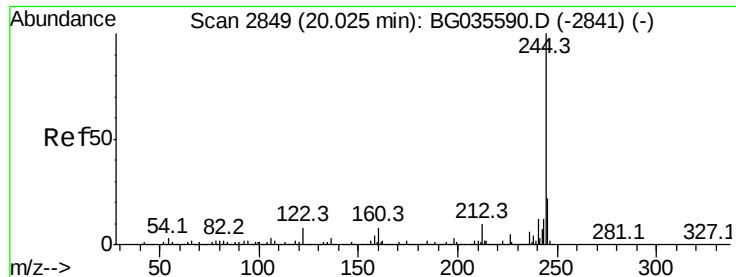
Tot Ion:188 Resp: 346813
Ion Ratio Lower Upper
188 100
94 6.8 6.9 10.3#
80 7.8 7.7 11.5



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.67 min Scan# 3129
Delta R.T. -0.01 min
Lab File: BG035730.D
Acq: 18 Jul 2018 23:27

Tgt Ion:240 Resp: 403908
Ion Ratio Lower Upper
240 100
120 6.1 6.8 10.2#
236 27.6 20.9 31.3





#78

Terphenyl-d14

Concen: 98.286 ng

RT: 20.01 min Scan# 2847

Delta R.T. -0.00 min

Lab File: BG035730.D

Acq: 18 Jul 2018 23:27

Instrument :

BNA_G

ClientSampleId :

OK-01-071618

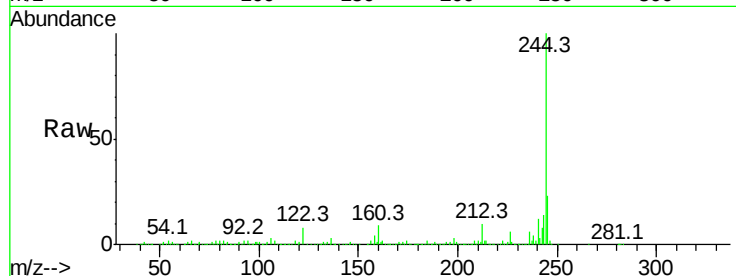
Tot Ion:244 Resp: 1800949

Ion Ratio Lower Upper

244 100

212 10.4 5.8 8.8#

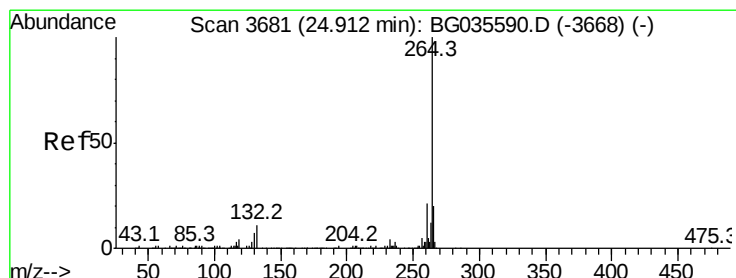
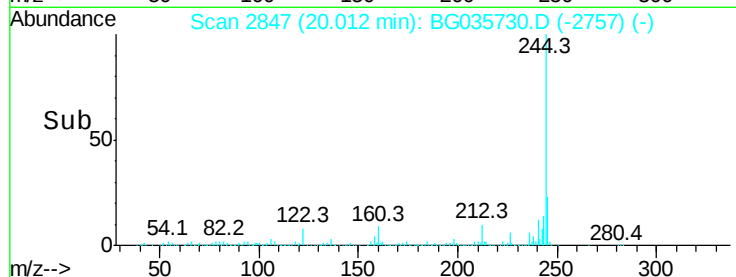
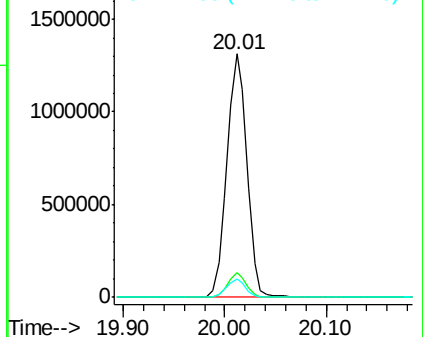
122 7.6 7.0 10.4



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: 24.88 min Scan# 3676

Delta R.T. -0.00 min

Lab File: BG035730.D

Acq: 18 Jul 2018 23:27

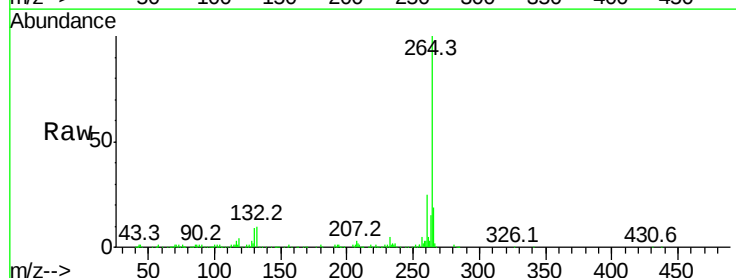
Tgt Ion:264 Resp: 369863

Ion Ratio Lower Upper

264 100

260 24.6 17.4 26.0

265 19.0 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

