

Data Path : Z:\HPCHEM1\BNA G\DATA\BG040518\
 Data File : BG033616.D
 Acq On : 6 Apr 2018 6:14
 Operator : SJ/JU
 Sample : J2224-01
 Misc :
 ALS Vial : 25 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 040218-JETW-E-D-S

Quant Time: Apr 06 07:04:12 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Apr 05 17:36:07 2018
 Response via : Initial Calibration

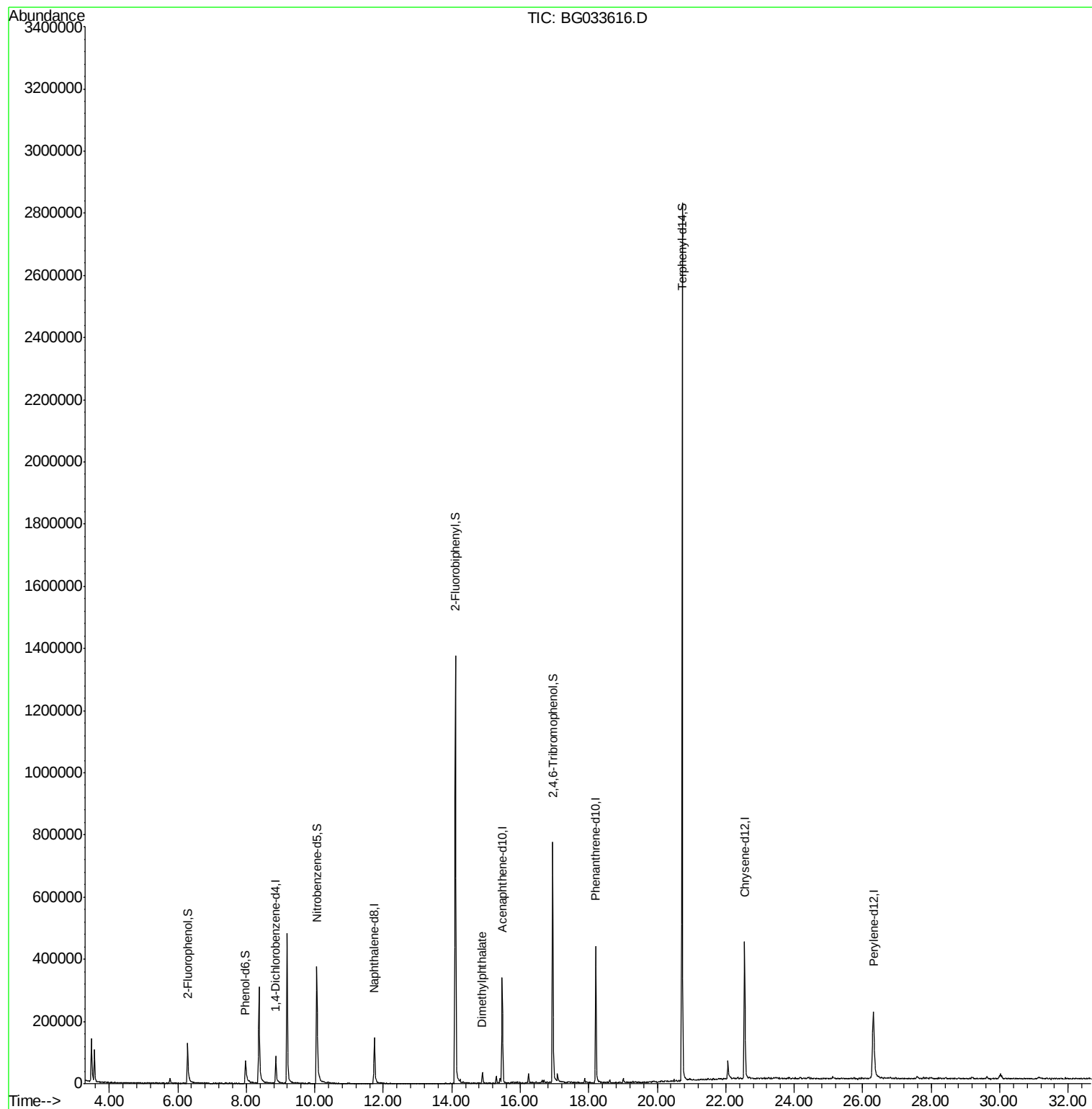
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32578	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	146741	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	125909	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	323537	20.00	ng	0.00
75) Chrysene-d12	22.55	240	321864	20.00	ng	-0.01
86) Perylene-d12	26.31	264	326051	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.29	112	72619	41.80	ng	0.00
7) Phenol-d6	7.98	99	65140	21.82	ng	0.00
23) Nitrobenzene-d5	10.06	82	313816	98.25	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	149907	79.61	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	799736	91.70	ng	0.00
78) Terphenyl-d14	20.73	244	1383435	91.92	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.90	163	23247	2.122	ng	Qvalue # 97

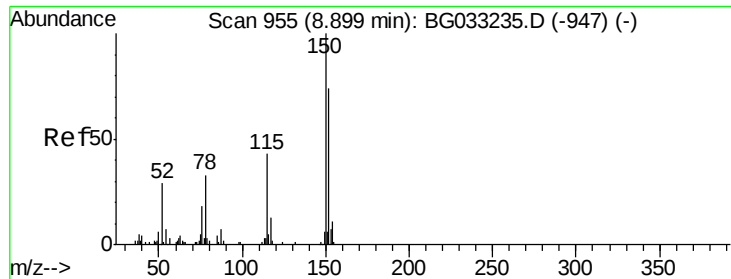
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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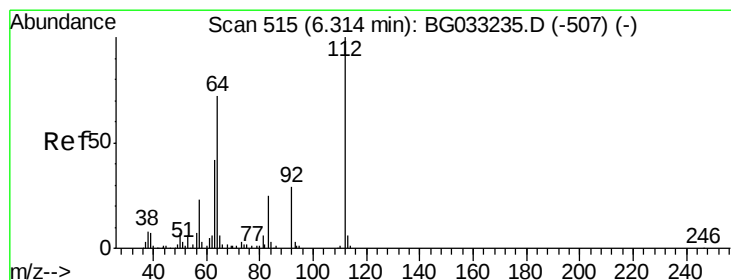
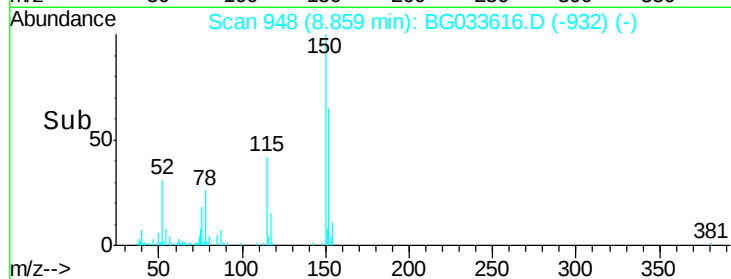
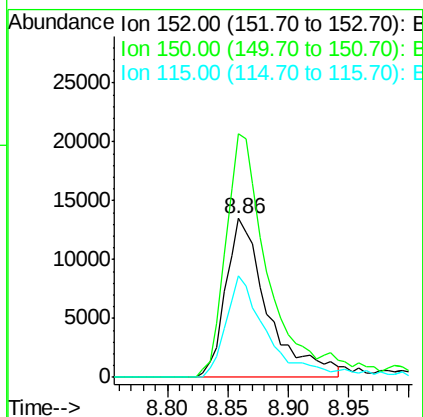
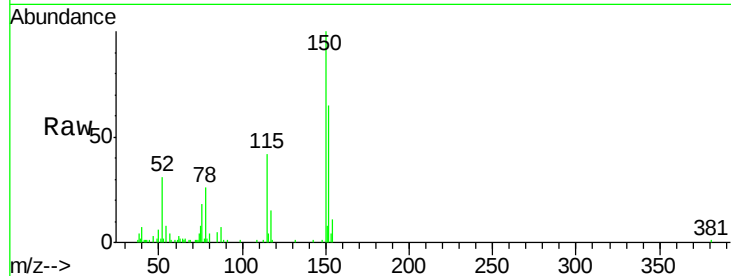


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033616.D
Acq: 6 Apr 2018 6:14

Instrument :
BNA_G
ClientSampleId :
040218-JETW-E-D-S

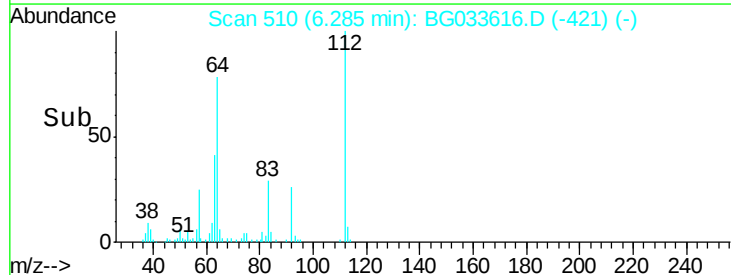
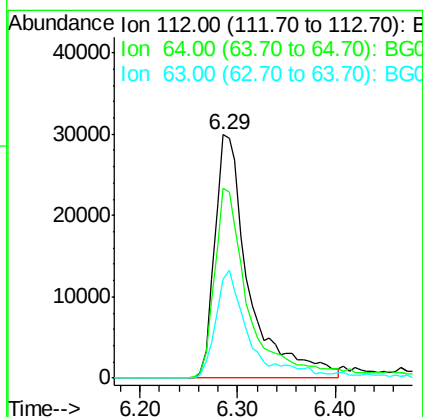
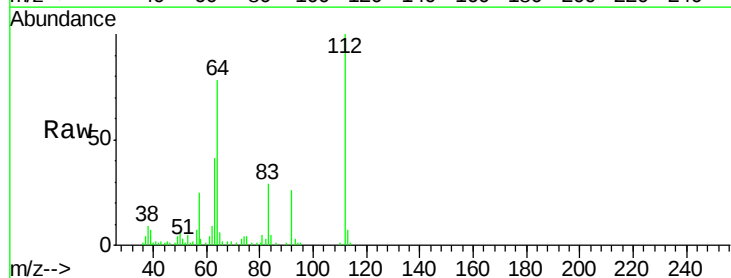
Tot Ion:152 Resp: 32578
Ion Ratio Lower Upper
152 100
150 153.5 126.6 189.8
115 64.1 53.0 79.4



#5

2-Fluorophenol
Concen: 41.798 ng
RT: 6.29 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033616.D
Acq: 6 Apr 2018 6:14

Tgt Ion:112 Resp: 72619
Ion Ratio Lower Upper
112 100
64 78.0 56.3 84.5
63 40.8 30.1 45.1





#7

Phenol-d6

Concen: 21.821 ng

RT: 7.98 min Scan# 798

Delta R.T. 0.01 min

Lab File: BG033616.D

Acq: 6 Apr 2018 6:14

Instrument :

BNA_G

ClientSampleId :

040218-JETW-E-D-S

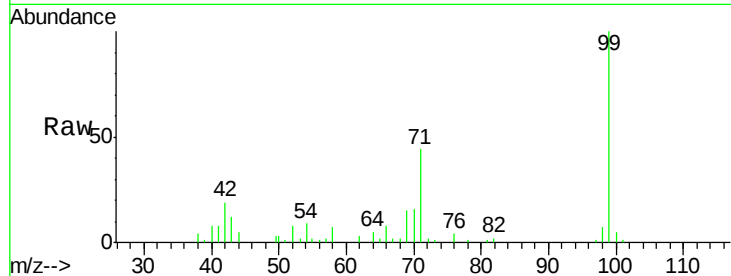
Tot Ion: 99 Resp: 65140

Ion Ratio Lower Upper

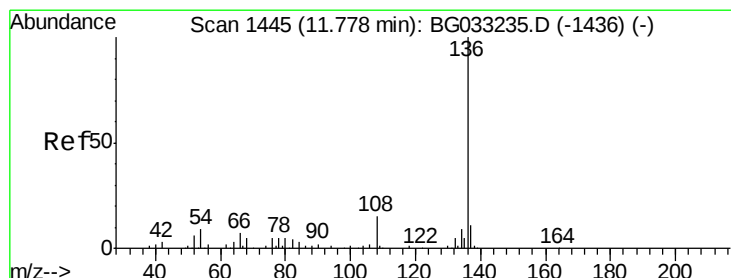
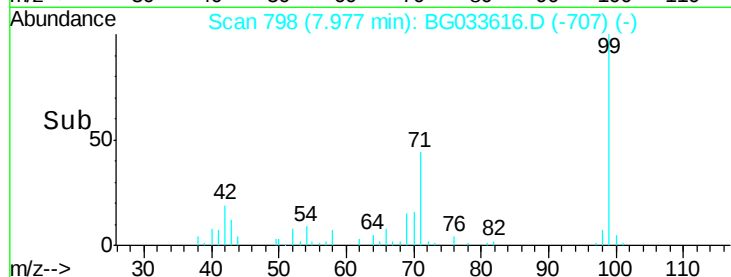
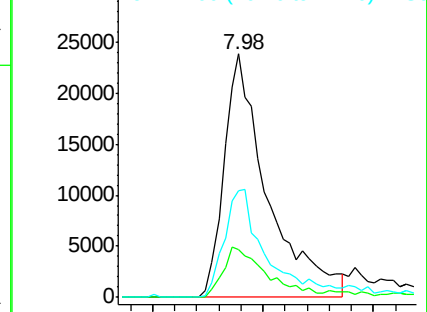
99 100

42 19.4 14.1 21.1

71 43.9 26.1 39.1#



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: 20.000 ng

RT: 11.74 min Scan# 1439

Delta R.T. 0.00 min

Lab File: BG033616.D

Acq: 6 Apr 2018 6:14

Tgt Ion: 136 Resp: 146741

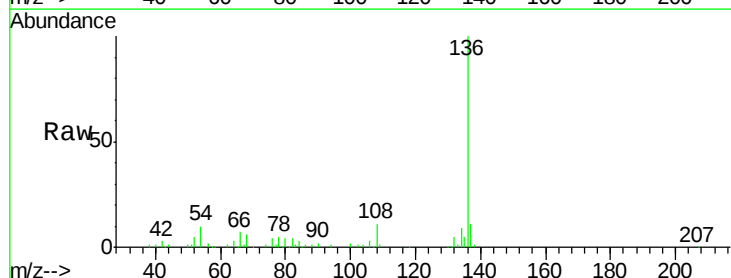
Ion Ratio Lower Upper

136 100

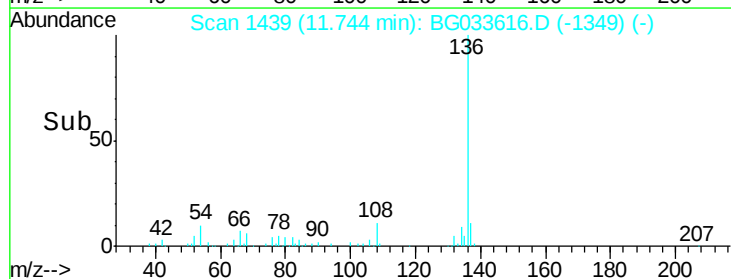
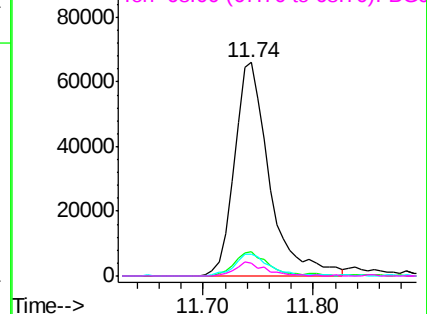
137 11.2 9.2 13.8

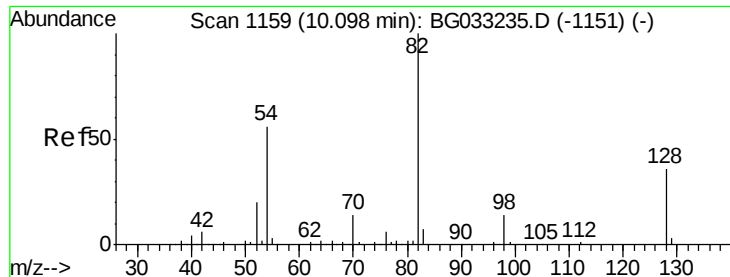
54 10.2 10.3 15.5#

68 5.9 4.5 6.7



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

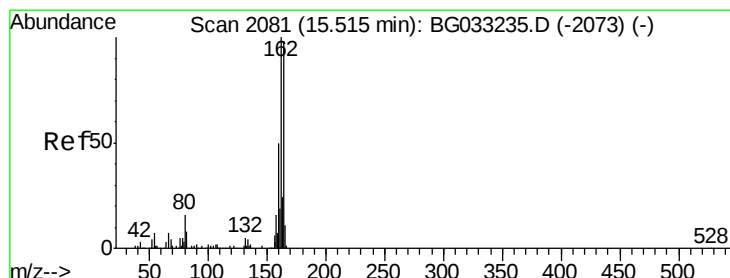
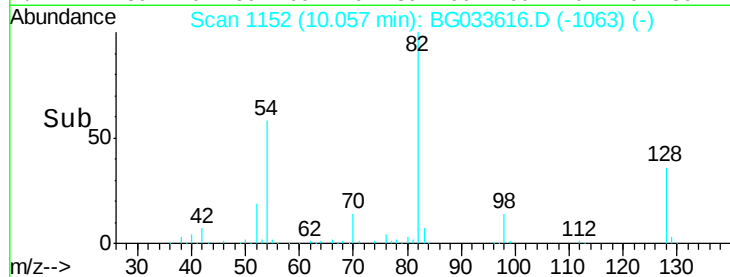
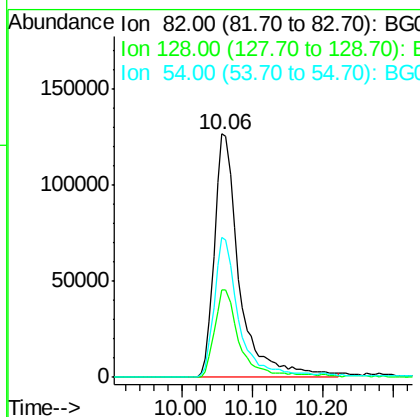
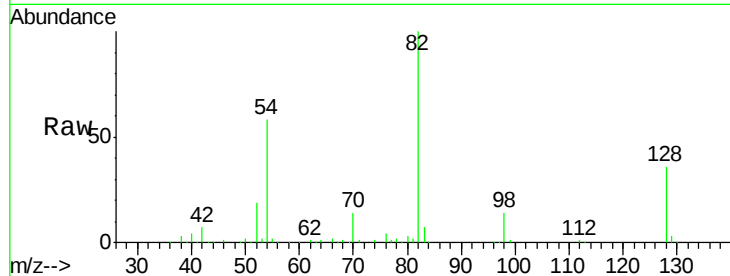




#23
 Nitrobenzene-d5
 Concen: 98.255 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033616.D
 Acq: 6 Apr 2018 6:14

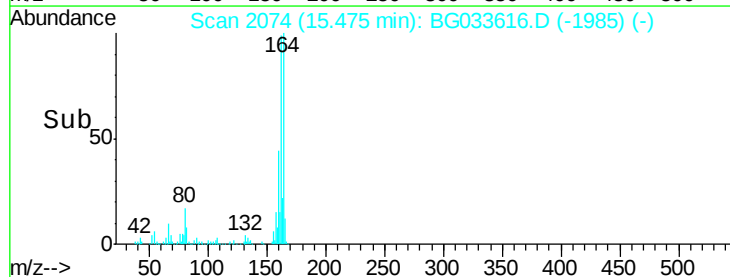
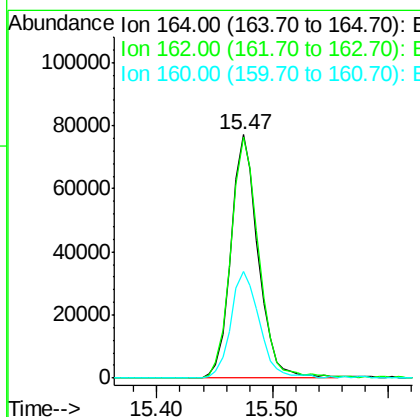
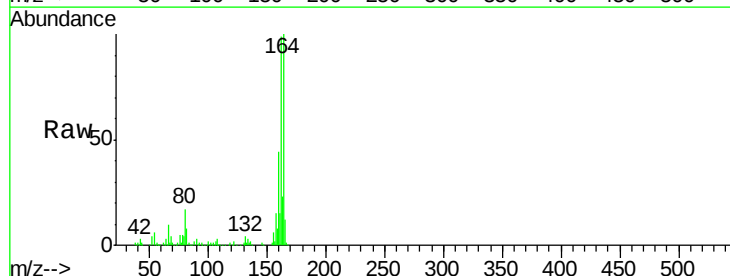
Instrument :
 BNA_G
 ClientSampleId :
 040218-JETW-E-D-S

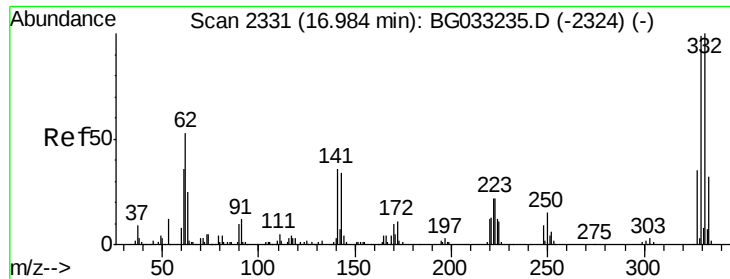
Tot Ion	82	Resp	313816
Ion Ratio	Lower	Upper	
82	100		
128	36.0	29.7	44.5
54	57.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033616.D
 Acq: 6 Apr 2018 6:14

Tgt Ion	164	Resp	125909
Ion Ratio	Lower	Upper	
164	100		
162	99.1	78.8	118.2
160	44.0	35.4	53.0

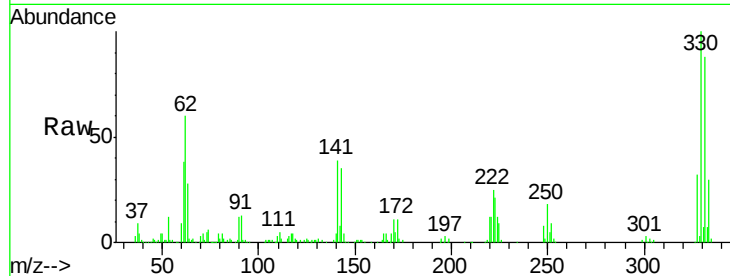




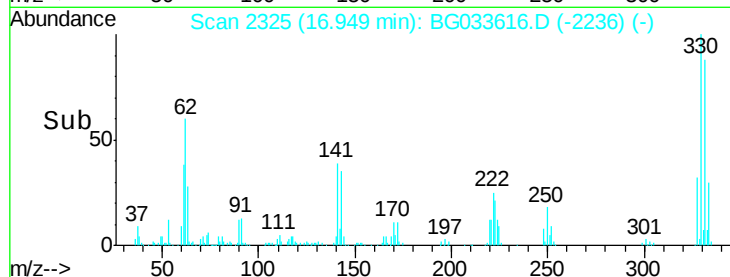
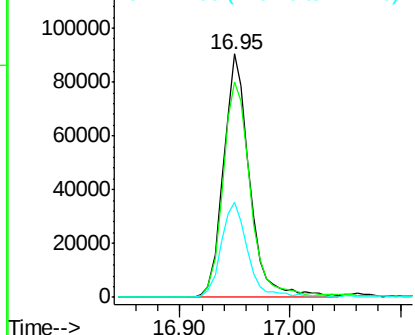
#41
 2,4,6-Tribromophenol
 Concen: 79.606 ng
 RT: 16.95 min Scan# 2325
 Delta R.T. -0.00 min
 Lab File: BG033616.D
 Acq: 6 Apr 2018 6:14

Instrument :
 BNA_G
 ClientSampleId :
 040218-JETW-E-D-S

Tot Ion	Ratio	Lower	Upper
330	100		
332	95.0	77.0	115.6
141	39.7	25.2	37.8#

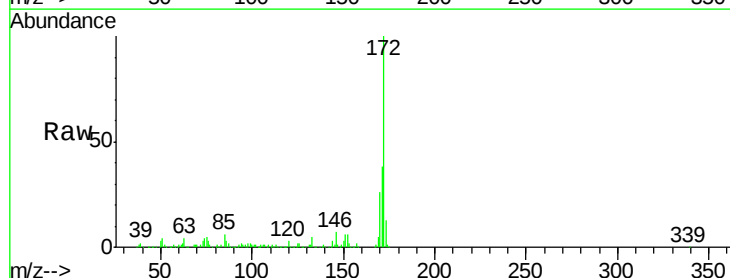


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

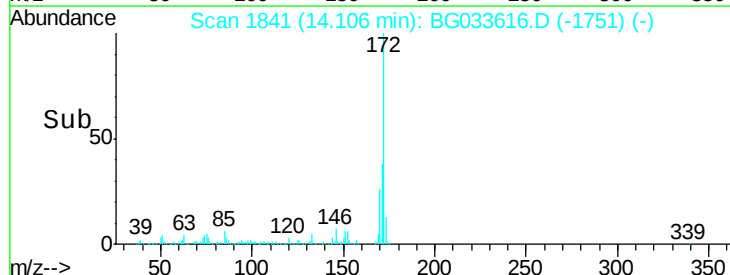
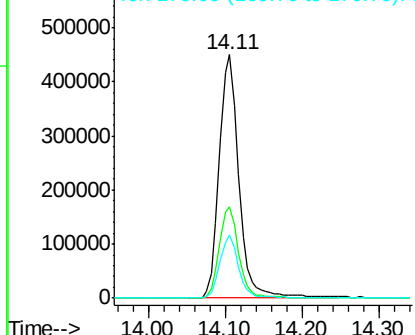


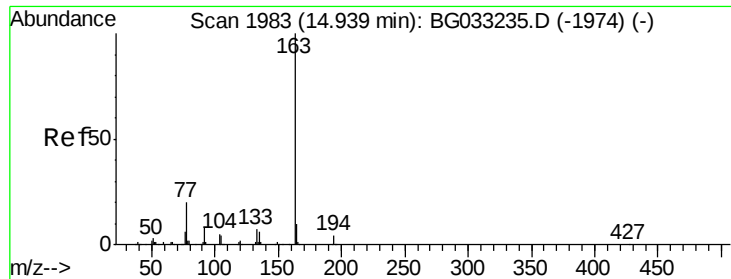
#44
 2-Fluorobiphenyl
 Concen: 91.695 ng
 RT: 14.11 min Scan# 1841
 Delta R.T. 0.00 min
 Lab File: BG033616.D
 Acq: 6 Apr 2018 6:14

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.0	45.0
170	26.1	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





#49

Dimethylphthalate

Concen: 2.122 ng

RT: 14.90 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG033616.D

Acq: 6 Apr 2018 6:14

Instrument :

BNA_G

ClientSampleId :

040218-JETW-E-D-S

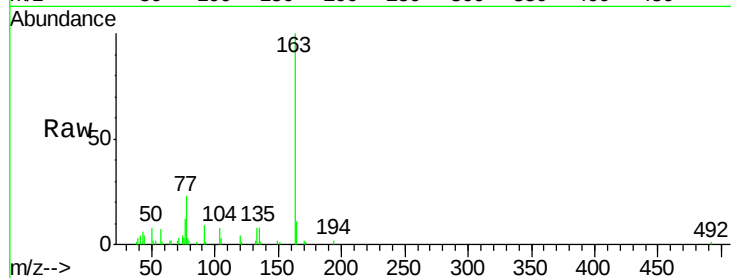
Tot Ion:163 Resp: 23247

Ion Ratio Lower Upper

163 100

194 1.6 3.4 5.2#

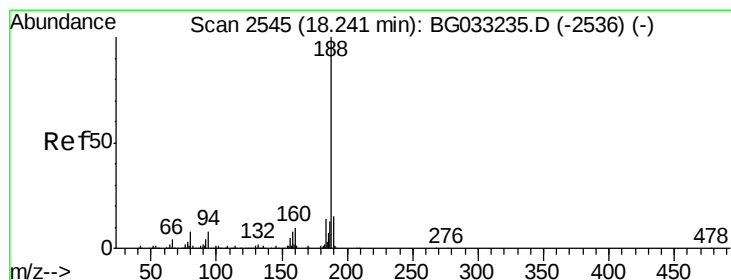
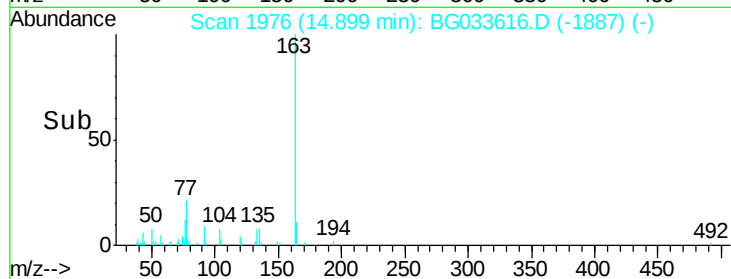
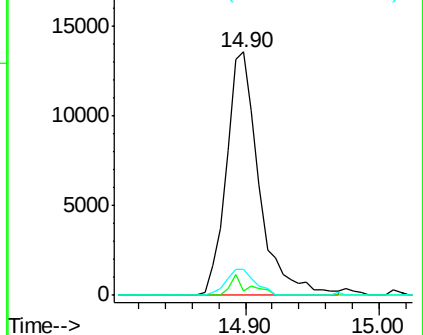
164 10.7 8.2 12.4



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 18.21 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG033616.D

Acq: 6 Apr 2018 6:14

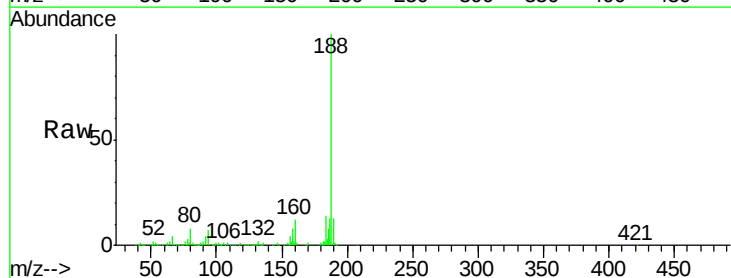
Tgt Ion:188 Resp: 323537

Ion Ratio Lower Upper

188 100

94 7.1 6.9 10.3

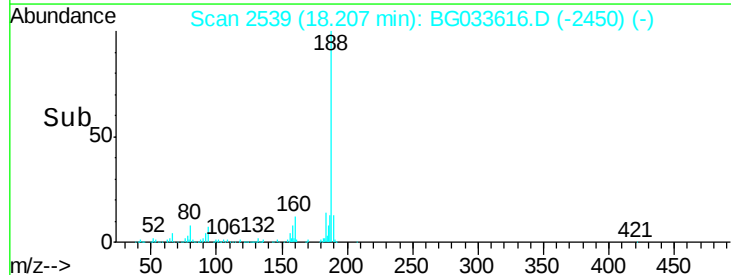
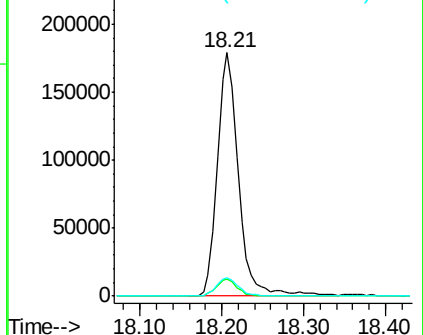
80 7.6 7.7 11.5#

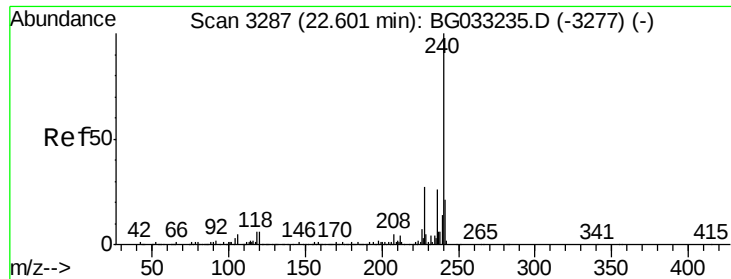


Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

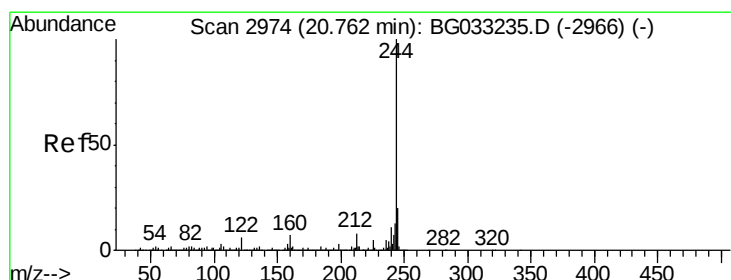
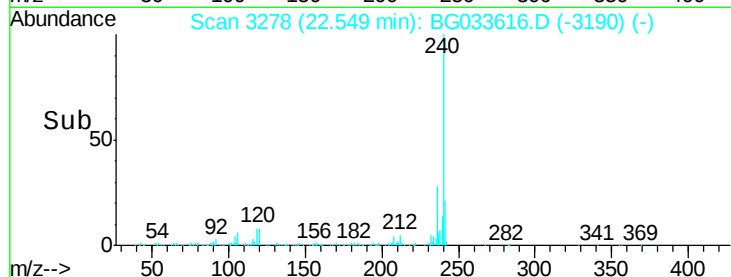
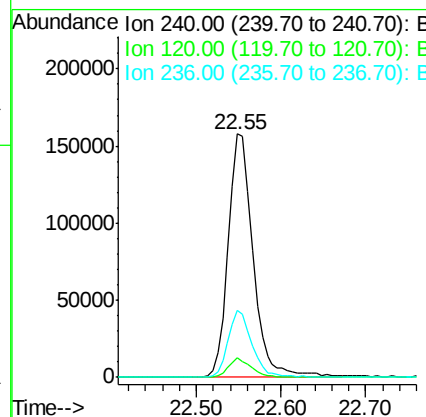
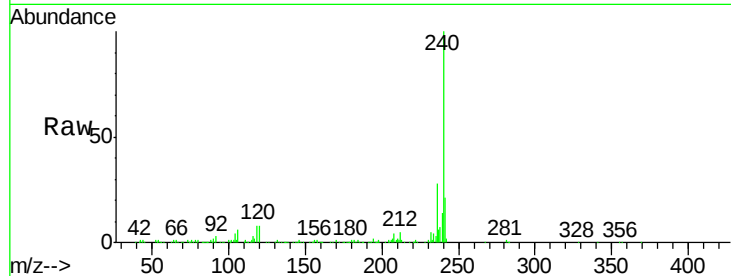




#75
 Chrysene-d12
 Concen: 20.000 ng
 RT: 22.55 min Scan# 3278
 Delta R.T. -0.01 min
 Lab File: BG033616.D
 Acq: 6 Apr 2018 6:14

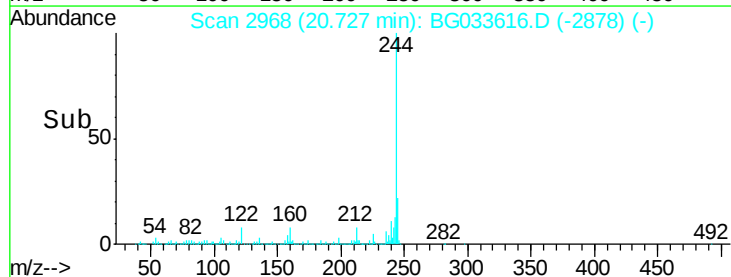
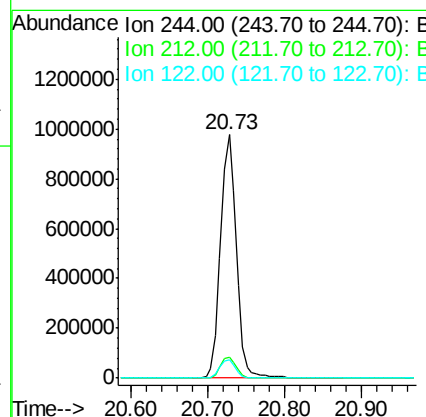
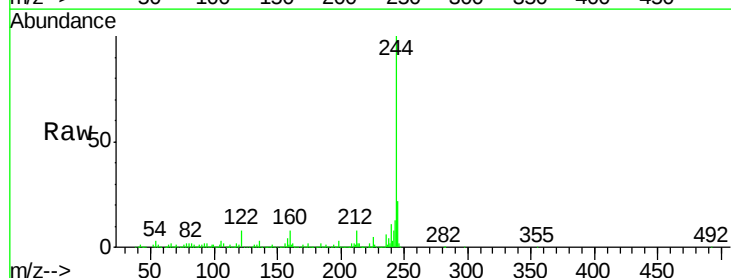
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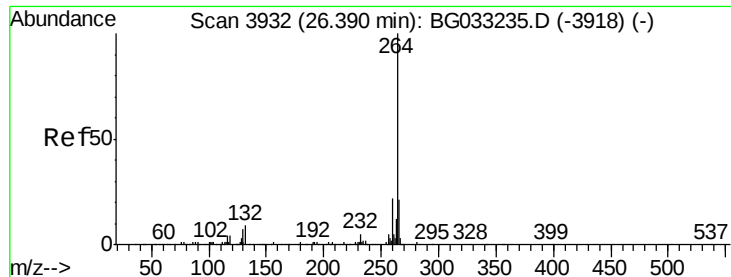
Tot Ion	Ratio	Lower	Upper
240	100		
120	7.9	6.8	10.2
236	27.7	20.9	31.3



#78
 Terphenyl-d14
 Concen: 91.922 ng
 RT: 20.73 min Scan# 2968
 Delta R.T. 0.00 min
 Lab File: BG033616.D
 Acq: 6 Apr 2018 6:14

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.5	5.8	8.8
122	7.8	7.0	10.4





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.31 min Scan# 3918
Delta R.T. -0.01 min
Lab File: BG033616.D
Acq: 6 Apr 2018 6:14

Instrument :
BNA_G
ClientSampleId :
040218-JETW-E-D-S

Tot Ion	Ratio	Lower	Upper
264	100		
260	21.0	17.4	26.0
265	21.1	17.7	26.5

