

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032918\
 Data File : BG033433.D
 Acq On : 29 Mar 2018 23:21
 Operator : SJ/JU
 Sample : J2087-03
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 JRS-RB201719RT-CV-2530

Quant Time: Mar 30 08:09:36 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Mar 28 18:34:58 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.87	152	28803	20.00	ng	0.00
21) Naphthalene-d8	11.75	136	127296	20.00	ng	0.00
38) Acenaphthene-d10	15.49	164	101023	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	307784	20.00	ng	0.00
75) Chrysene-d12	22.56	240	331864	20.00	ng	0.00
86) Perylene-d12	26.33	264	359399	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	269040	175.15	ng	0.00
7) Phenol-d6	7.98	99	376536	142.67	ng	0.00
23) Nitrobenzene-d5	10.06	82	294755	106.38	ng	-0.01
41) 2,4,6-Tribromophenol	16.96	330	277049	183.36	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	725493	103.67	ng	0.00
78) Terphenyl-d14	20.74	244	1663515	107.20	ng	0.00

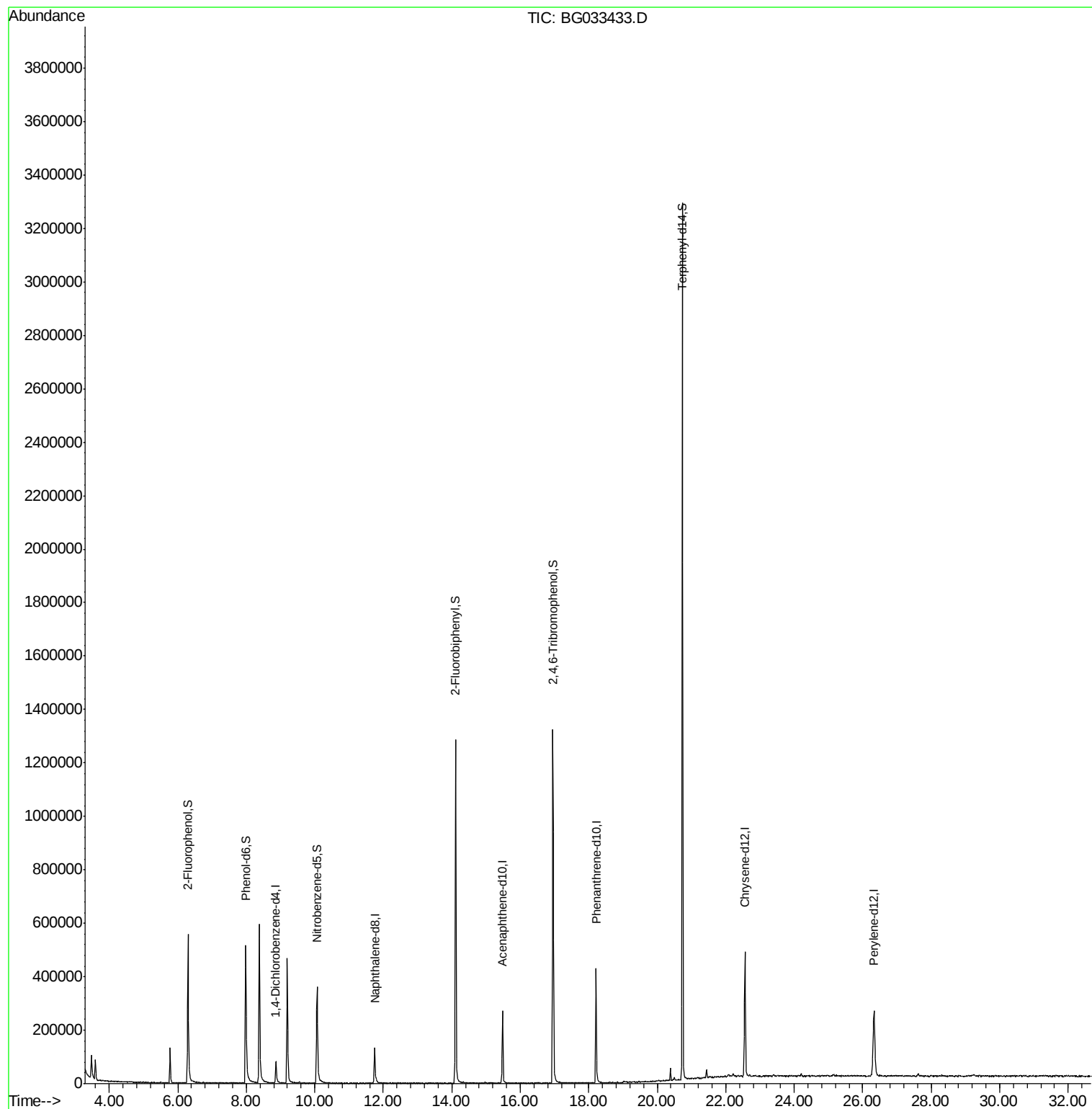
Target Compounds Qvalue

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

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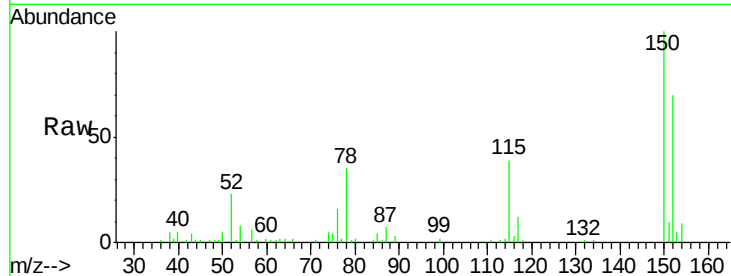


#1

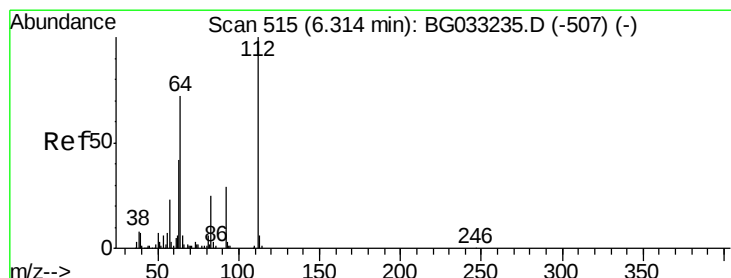
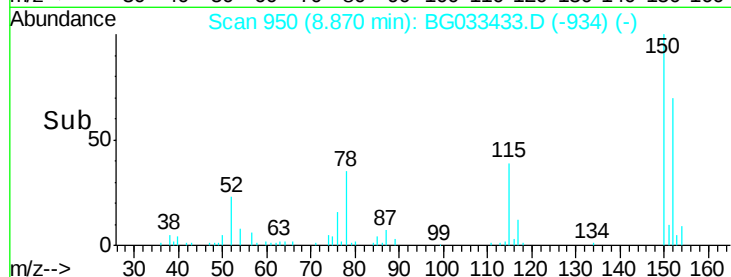
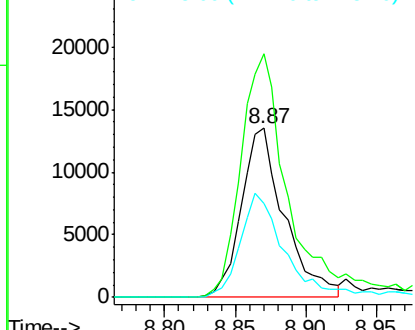
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG033433.D
Acq: 29 Mar 2018 23:21

Instrument :
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Tot Ion:152 Resp: 28803
Ion Ratio Lower Upper
152 100
150 143.8 126.6 189.8
115 55.6 53.0 79.4



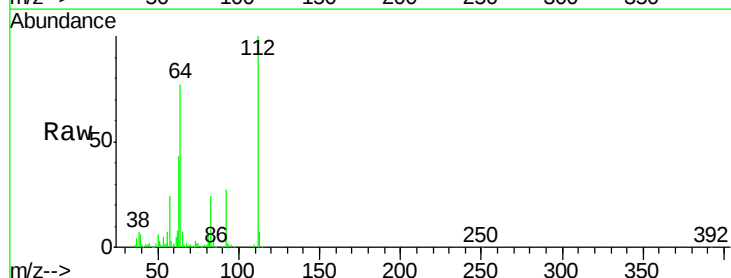
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



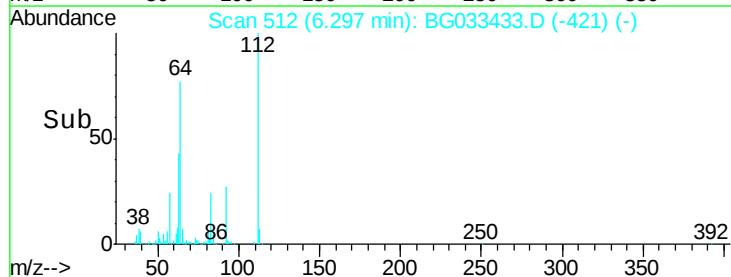
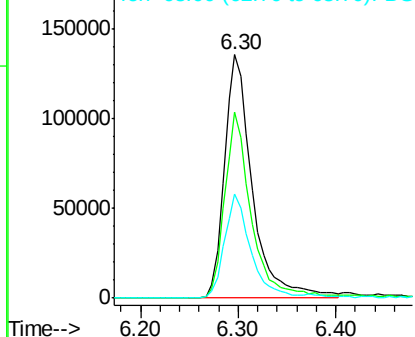
#5

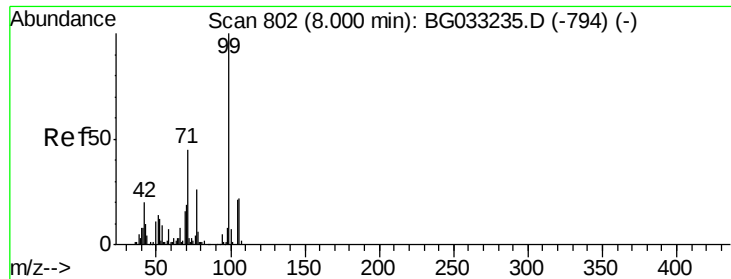
2-Fluorophenol
Concen: 175.149 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033433.D
Acq: 29 Mar 2018 23:21

Tgt Ion:112 Resp: 269040
Ion Ratio Lower Upper
112 100
64 76.6 56.3 84.5
63 42.7 30.1 45.1



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: 142.667 ng

RT: 7.98 min Scan# 799

Delta R.T. 0.00 min

Lab File: BG033433.D

Acq: 29 Mar 2018 23:21

Instrument :

BNA_G

ClientSampleId :

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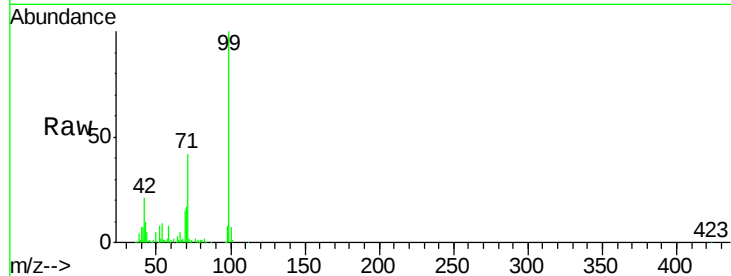
Tot Ion: 99 Resp: 376536

Ion Ratio Lower Upper

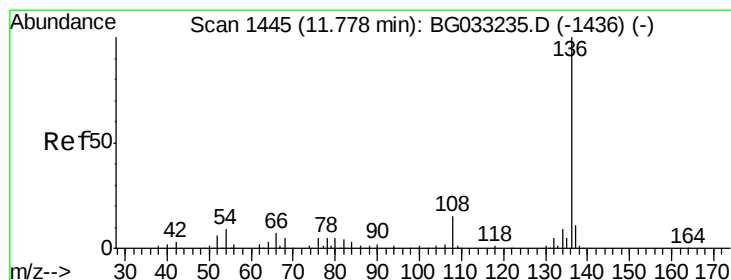
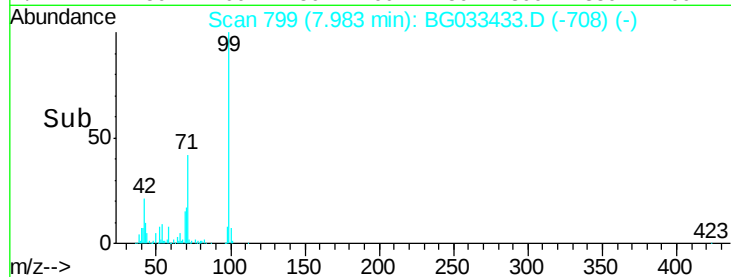
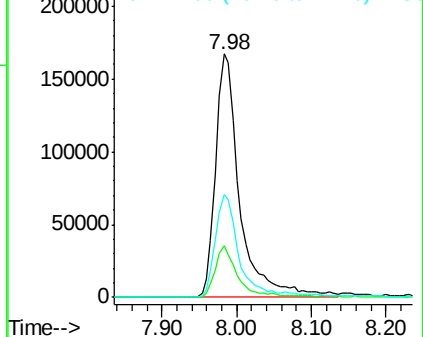
99 100

42 21.0 14.1 21.1

71 42.4 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: 11.75 min Scan# 1440

Delta R.T. -0.01 min

Lab File: BG033433.D

Acq: 29 Mar 2018 23:21

Tgt Ion: 136 Resp: 127296

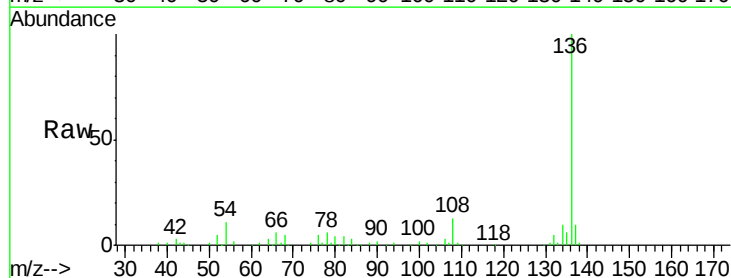
Ion Ratio Lower Upper

136 100

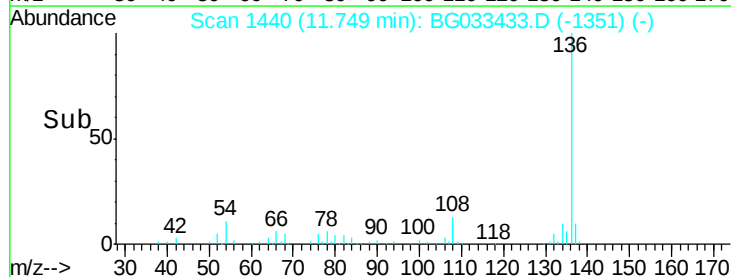
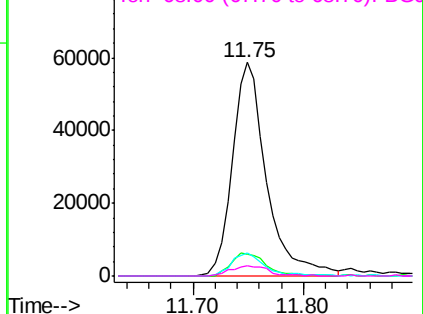
137 10.0 9.2 13.8

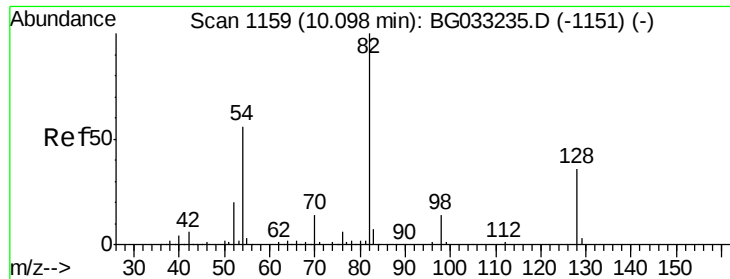
54 10.8 10.3 15.5

68 5.5 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

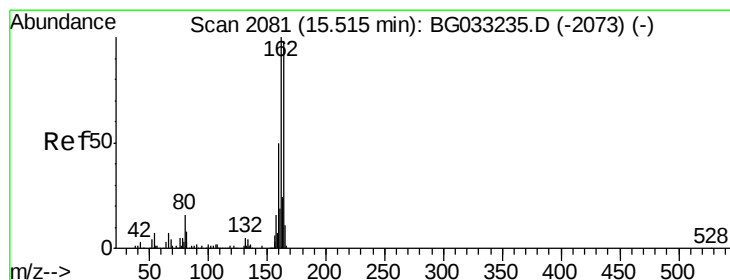
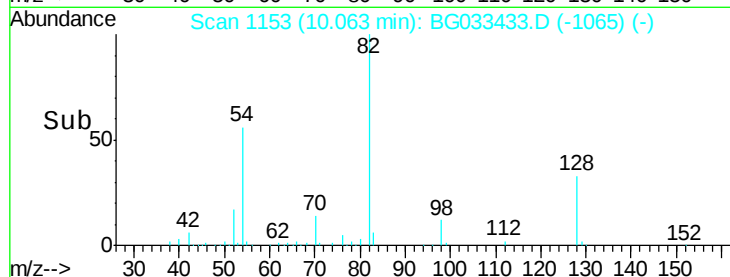
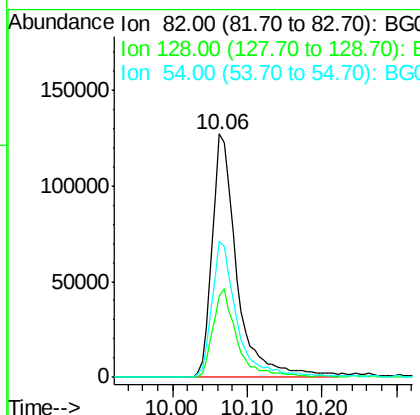
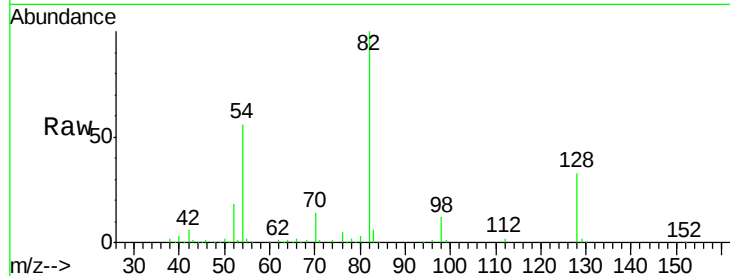




#23
Nitrobenzene-d5
Concen: 106.384 ng
RT: 10.06 min Scan# 1153
Delta R.T. -0.01 min
Lab File: BG033433.D
Acq: 29 Mar 2018 23:21

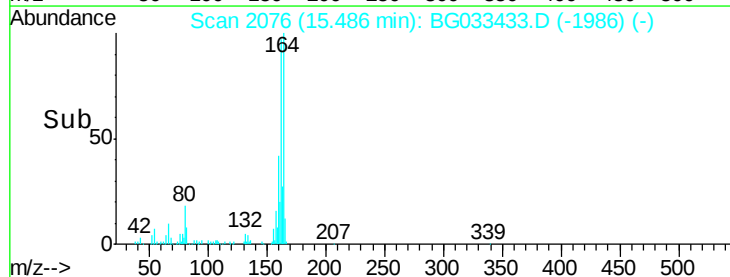
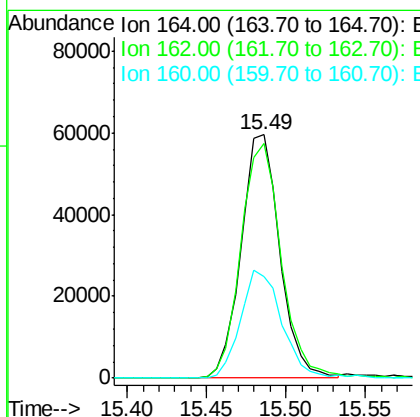
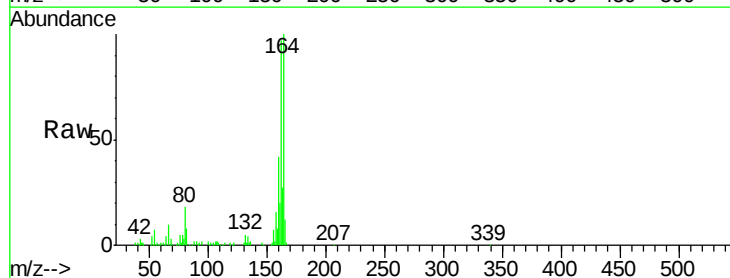
Instrument :
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JRS-RB201719RT-CV-2530

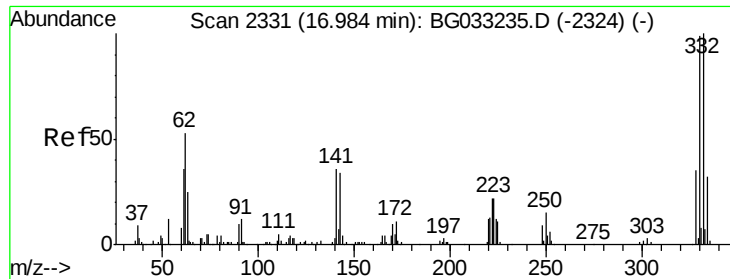
Tot Ion	82	Resp	294755
Ion Ratio	Lower	Upper	
82	100		
128	33.4	29.7	44.5
54	55.7	43.1	64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG033433.D
Acq: 29 Mar 2018 23:21

Tgt Ion	164	Resp	101023
Ion Ratio	Lower	Upper	
164	100		
162	96.6	78.8	118.2
160	41.9	35.4	53.0

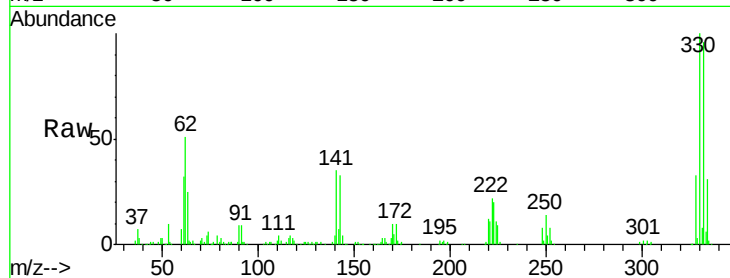




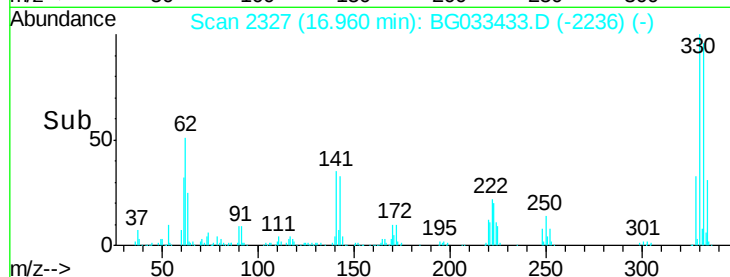
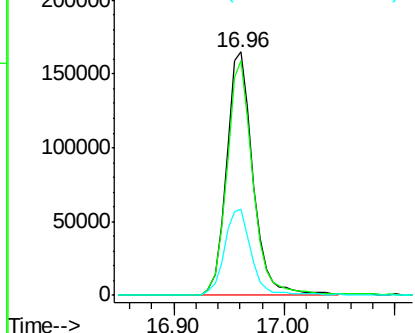
#41
 2,4,6-Tribromophenol
 Concen: 183.365 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033433.D
 Acq: 29 Mar 2018 23:21

Instrument :
 BNA_G
 ClientSampleId :
 JRS-RB201719RT-CV-2530

Tot Ion:330 Resp: 277049
 Ion Ratio Lower Upper
 330 100
 332 94.9 77.0 115.6
 141 35.7 25.2 37.8

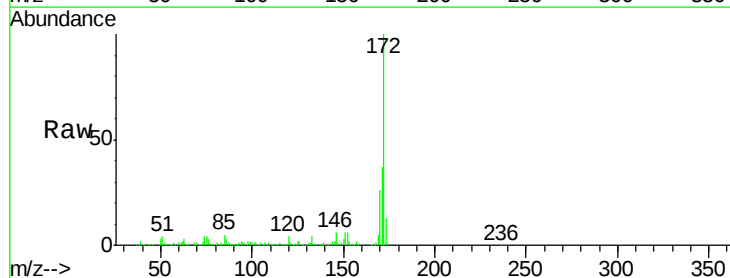


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

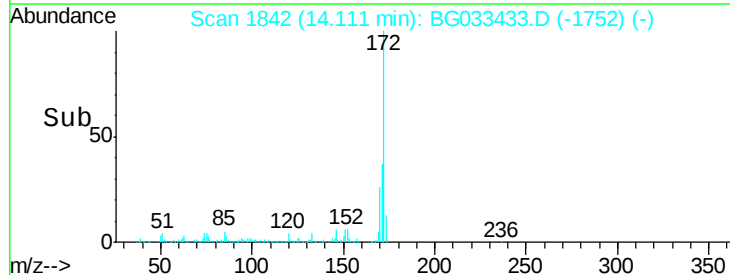
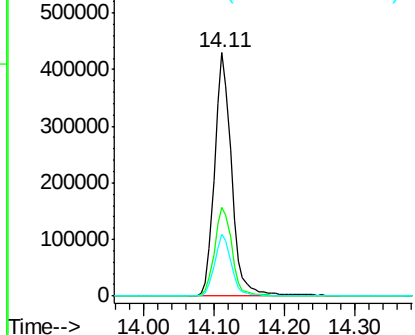


#44
 2-Fluorobiphenyl
 Concen: 103.674 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033433.D
 Acq: 29 Mar 2018 23:21

Tgt Ion:172 Resp: 725493
 Ion Ratio Lower Upper
 172 100
 171 36.7 30.0 45.0
 170 25.6 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: 18.21 min Scan# 2540

Delta R.T. -0.00 min

Lab File: BG033433.D

Acq: 29 Mar 2018 23:21

Instrument :

BNA_G

ClientSampleId :

JRS-RB201719RT-CV-2530

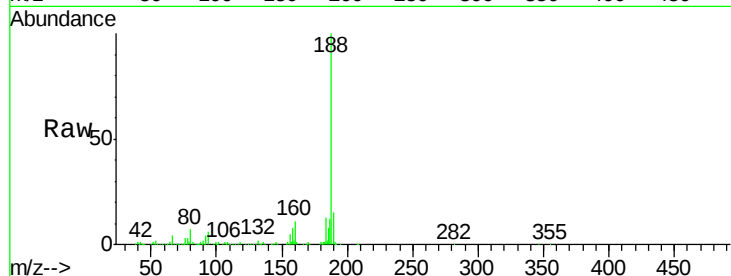
Tot Ion:188 Resp: 307784

Ion Ratio Lower Upper

188 100

94 5.7 6.9 10.3#

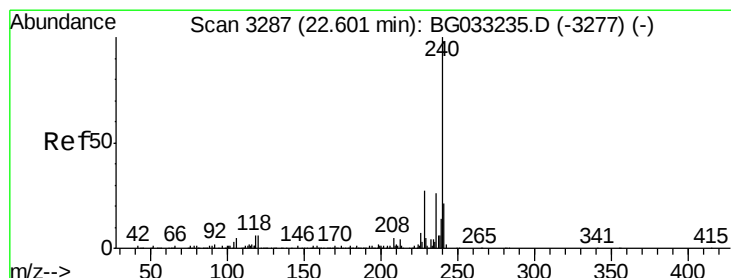
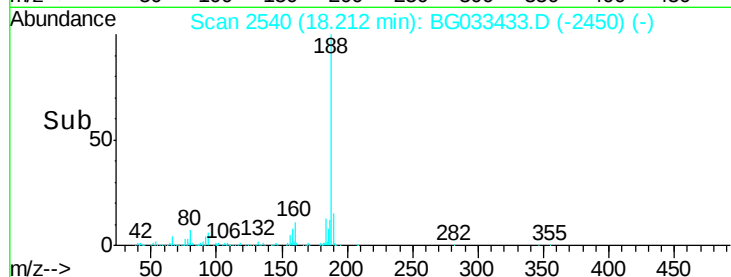
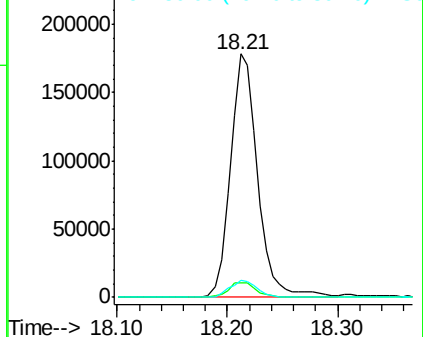
80 7.2 7.7 11.5#



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: 22.56 min Scan# 3280

Delta R.T. -0.00 min

Lab File: BG033433.D

Acq: 29 Mar 2018 23:21

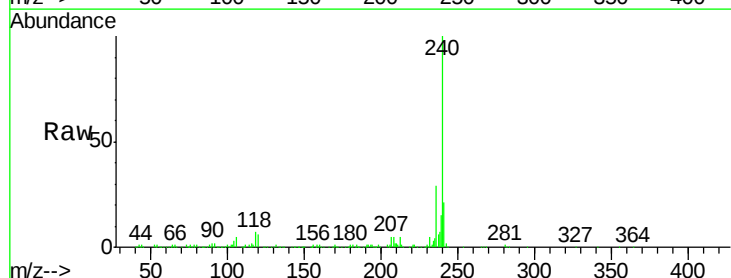
Tgt Ion:240 Resp: 331864

Ion Ratio Lower Upper

240 100

120 6.3 6.8 10.2#

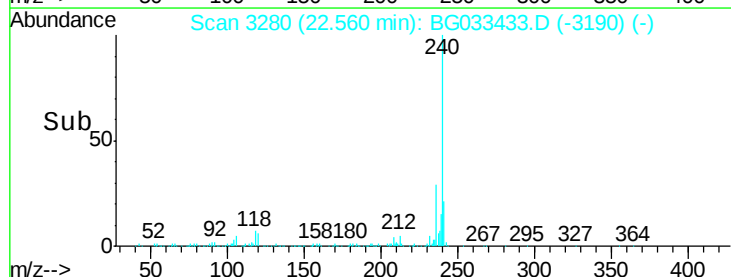
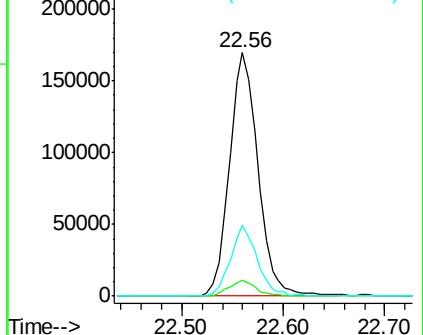
236 28.9 20.9 31.3

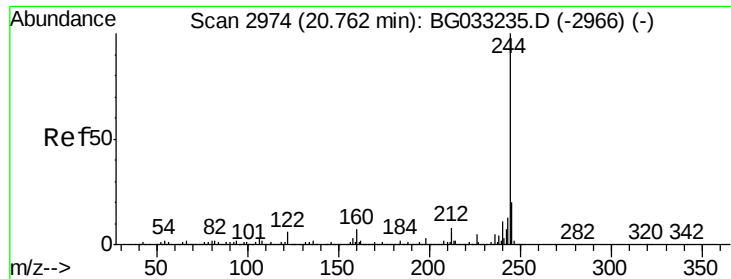


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 107.201 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG033433.D

Acq: 29 Mar 2018 23:21

Instrument :

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ClientSampleId :

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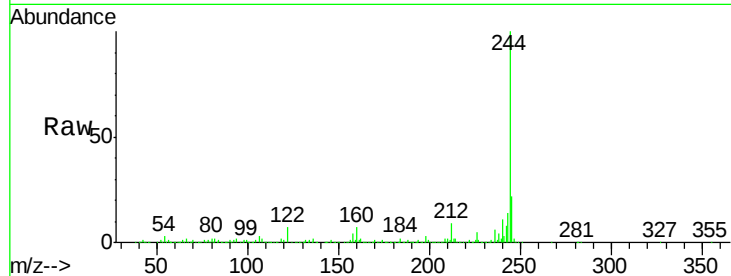
Tot Ion:244 Resp: 1663515

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

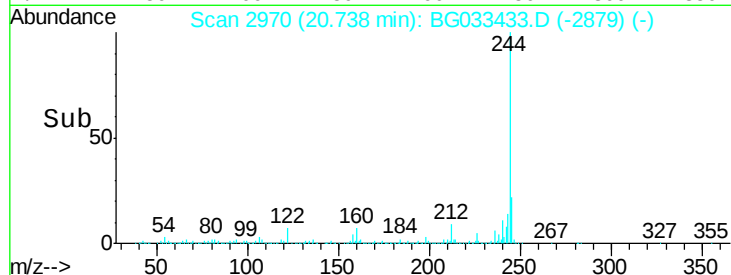
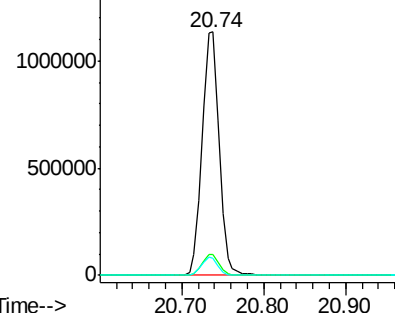
122 6.8 7.0 10.4#



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: 26.33 min Scan# 3921

Delta R.T. -0.01 min

Lab File: BG033433.D

Acq: 29 Mar 2018 23:21

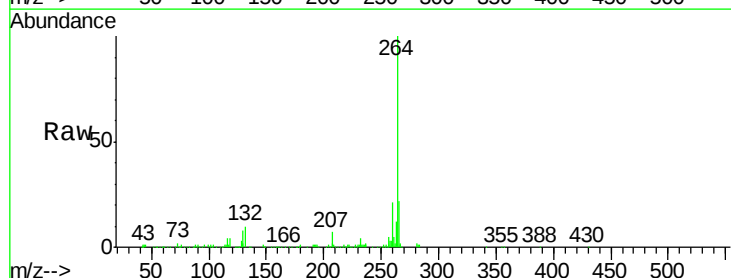
Tgt Ion:264 Resp: 359399

Ion Ratio Lower Upper

264 100

260 21.3 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

