

Data Path : \\74.0.250.170\SV0ASRV\HPCHEM1\BNA G\DATA\BG040218\
 Data File : BG033486.D
 Acq On : 2 Apr 2018 14:23
 Operator : SJ/JU
 Sample : J2101-02
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Apr 03 03:58:23 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

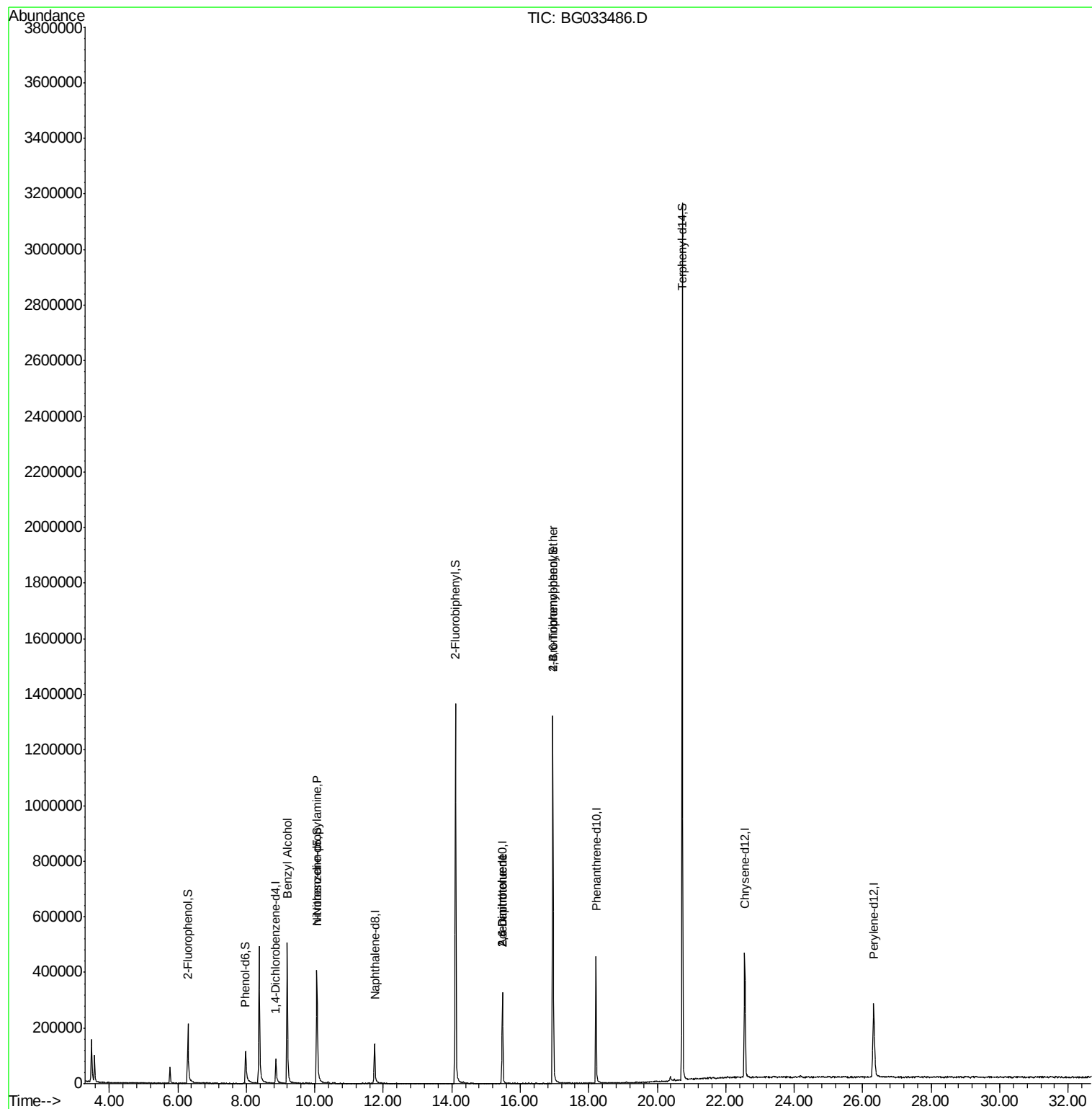
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	31400	20.00	ng	-0.01
21) Naphthalene-d8	11.74	136	148711	20.00	ng	-0.01
38) Acenaphthene-d10	15.48	164	125663	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	341299	20.00	ng	0.00
75) Chrysene-d12	22.55	240	345747	20.00	ng	0.00
86) Perylene-d12	26.32	264	353560	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	117876	70.39	ng	0.00
7) Phenol-d6	7.98	99	104741	36.40	ng	0.00
23) Nitrobenzene-d5	10.06	82	315940	97.61	ng	-0.01
41) 2,4,6-Tribromophenol	16.95	330	257869	137.21	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	820627	94.27	ng	0.00
78) Terphenyl-d14	20.73	244	1541984	95.38	ng	0.00
Target Compounds						
15) Benzyl Alcohol	9.19	79	5087	2.246	ng	# 51
19) n-Nitroso-di-n-propylamine	10.06	70	41793	19.823	ng	# 80
50) 2,6-Dinitrotoluene	15.48	165	15365	6.871	ng	# 20
56) 2,4-Dinitrotoluene	15.48	165	15365	4.667	ng	# 18
66) 4-Bromophenyl-phenylether	16.95	248	20061	5.005	ng	# 1

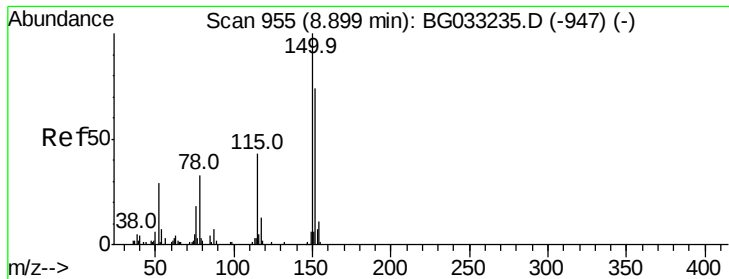
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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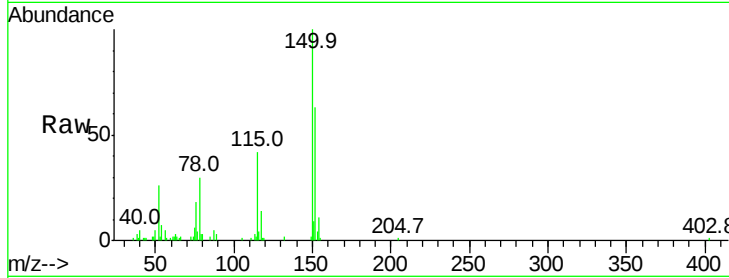


#1

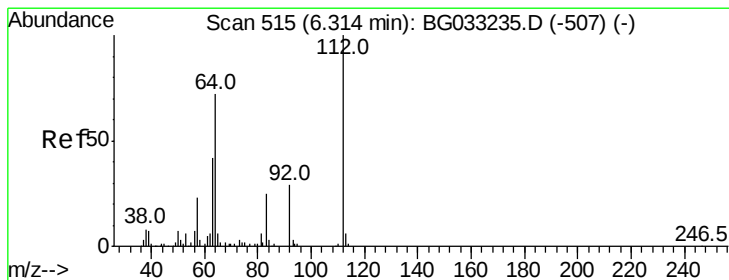
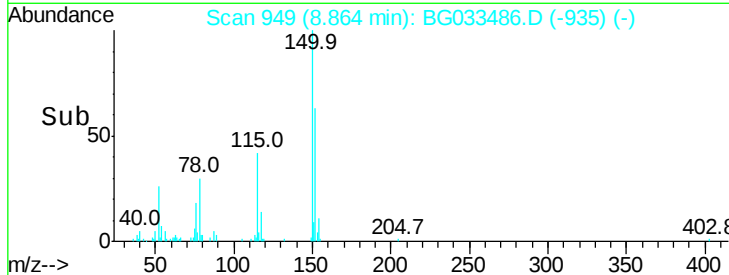
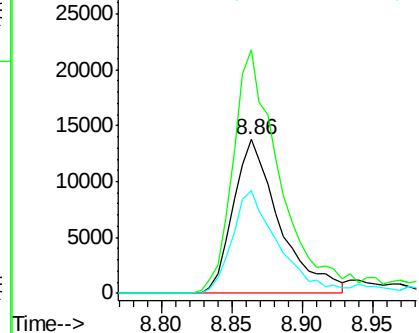
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 949
Delta R.T. -0.01 min
Lab File: BG033486.D
Acq: 2 Apr 2018 14:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 31400
Ion Ratio Lower Upper
152 100
150 158.5 126.6 189.8
115 67.1 53.0 79.4



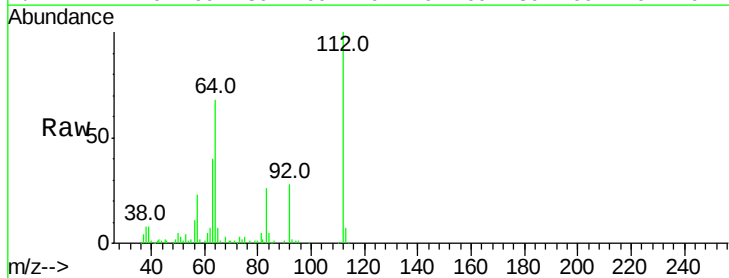
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



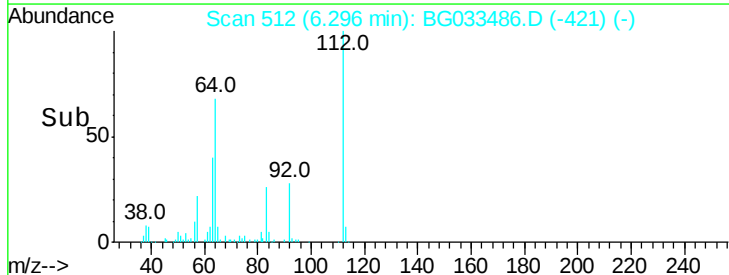
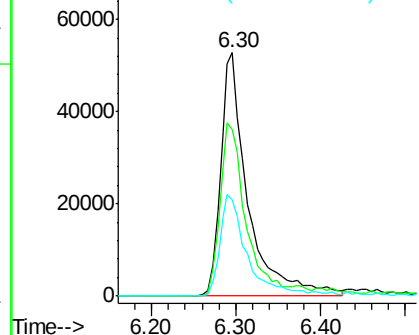
#5

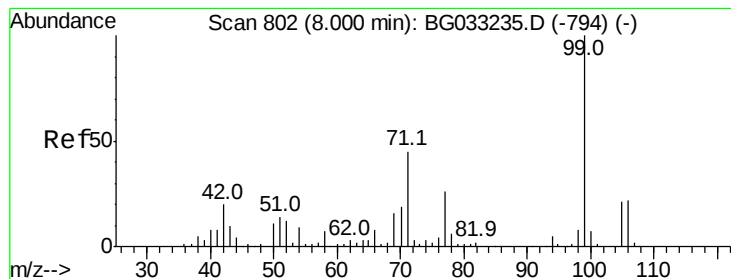
2-Fluorophenol
Concen: 70.392 ng
RT: 6.30 min Scan# 512
Delta R.T. 0.00 min
Lab File: BG033486.D
Acq: 2 Apr 2018 14:23

Tgt Ion:112 Resp: 117876
Ion Ratio Lower Upper
112 100
64 68.4 56.3 84.5
63 39.8 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: 36.403 ng

RT: 7.98 min Scan# 798

Delta R.T. -0.00 min

Lab File: BG033486.D

Acq: 2 Apr 2018 14:23

Instrument :

BNA_G

ClientSampleId :

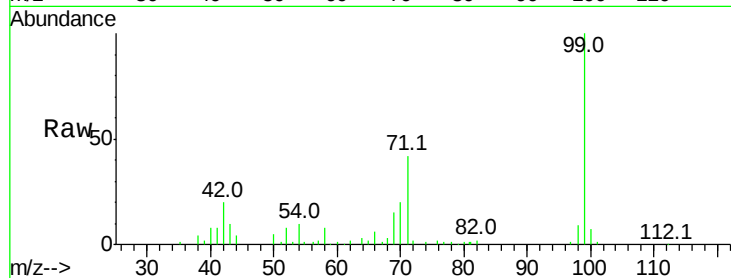
Tot Ion: 99 Resp: 104741

Ion Ratio Lower Upper

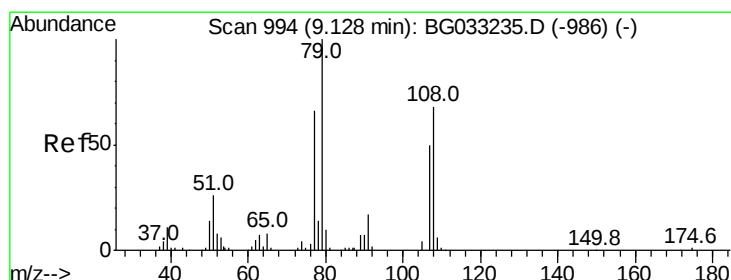
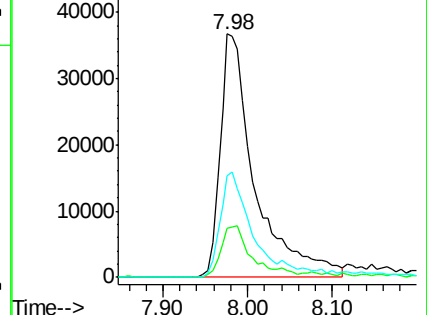
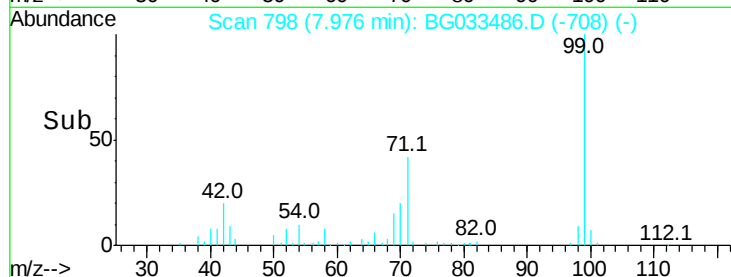
99 100

42 20.2 14.1 21.1

71 41.5 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



#15

Benzyl Alcohol

Concen: 2.246 ng

RT: 9.19 min Scan# 1005

Delta R.T. 0.09 min

Lab File: BG033486.D

Acq: 2 Apr 2018 14:23

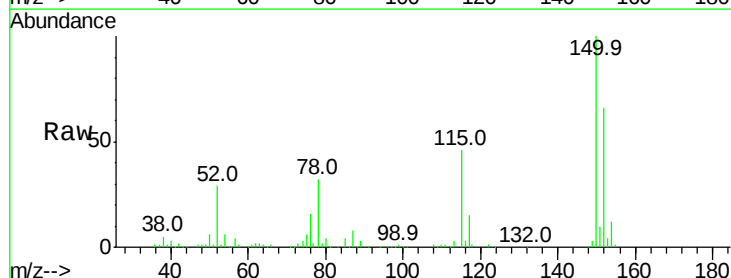
Tgt Ion: 79 Resp: 5087

Ion Ratio Lower Upper

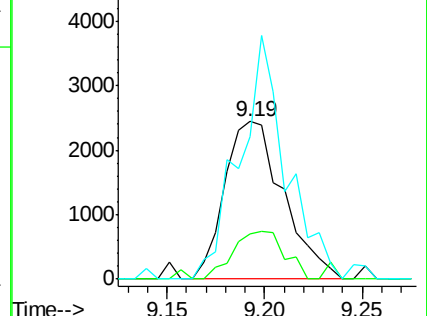
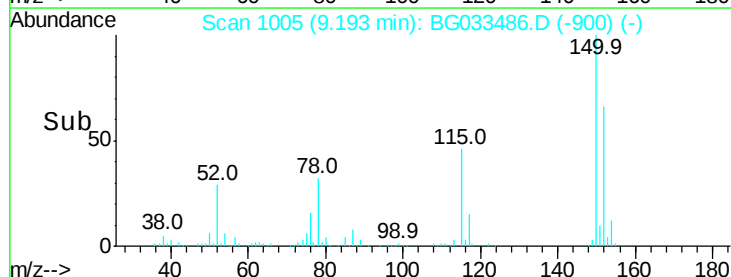
79 100

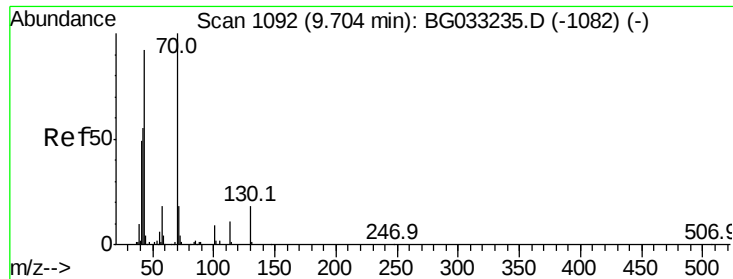
108 28.5 57.2 85.8#

77 90.6 46.1 69.1#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

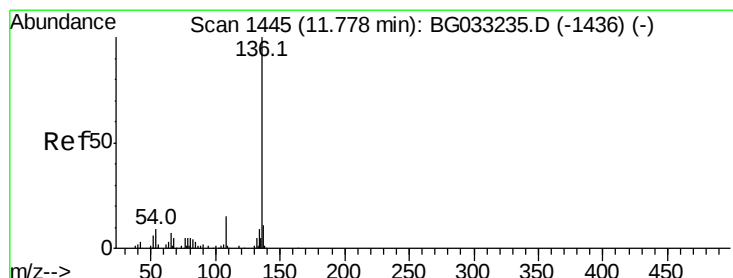
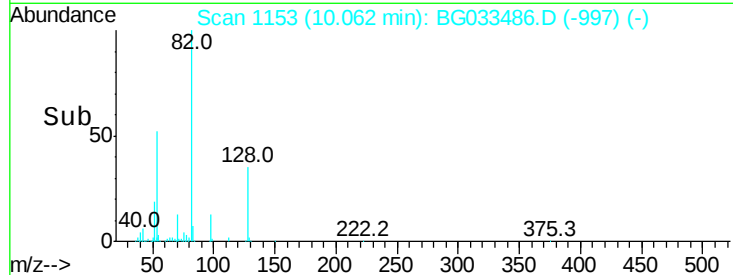
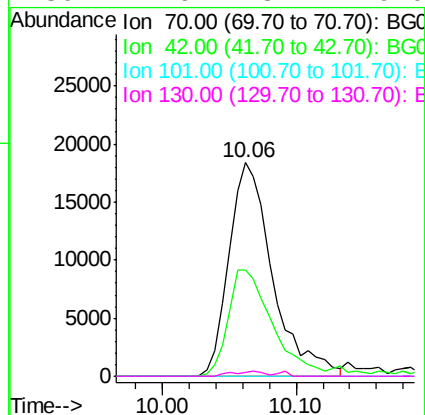
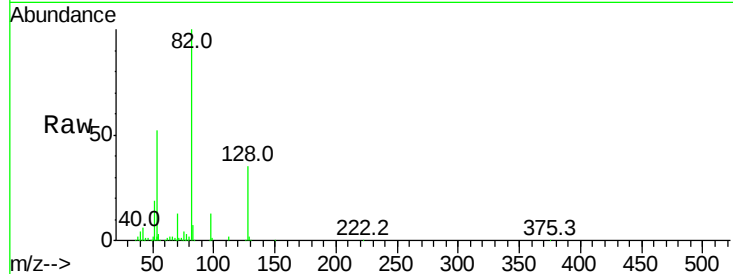




#19
 n-Nitroso-di-n-propylamine
 Concen: 19.823 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. 0.38 min
 Lab File: BG033486.D
 Acq: 2 Apr 2018 14:23

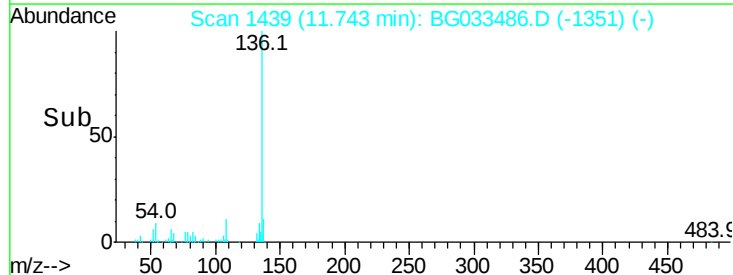
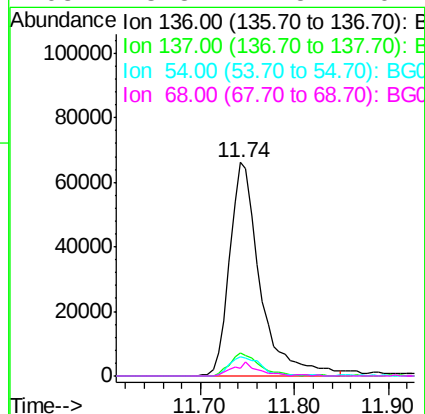
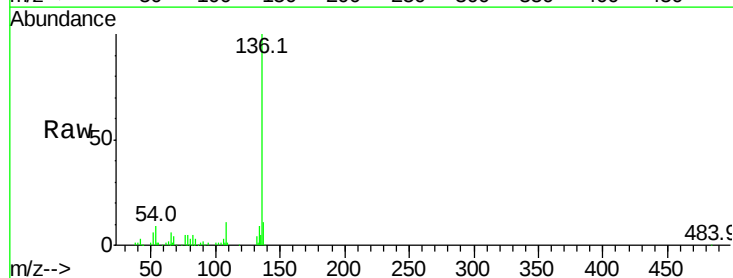
Instrument :
 BNA_G
 ClientSampleId :

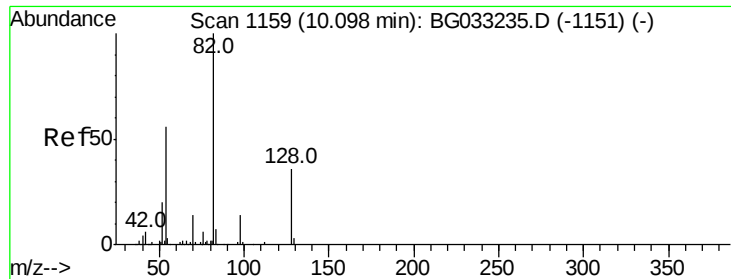
Tot Ion: 70 Resp: 41793
 Ion Ratio Lower Upper
 70 100
 42 49.8 49.1 73.7
 101 0.0 8.5 12.7#
 130 1.6 13.4 20.0#



#21
 Naphthalene-d8
 Concen: 20.000 ng
 RT: 11.74 min Scan# 1439
 Delta R.T. -0.01 min
 Lab File: BG033486.D
 Acq: 2 Apr 2018 14:23

Tgt Ion: 136 Resp: 148711
 Ion Ratio Lower Upper
 136 100
 137 10.6 9.2 13.8
 54 8.9 10.3 15.5#
 68 3.8 4.5 6.7#

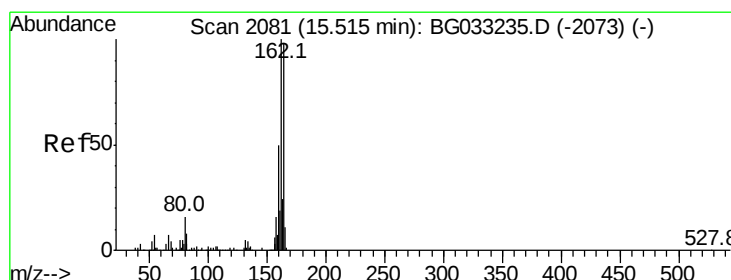
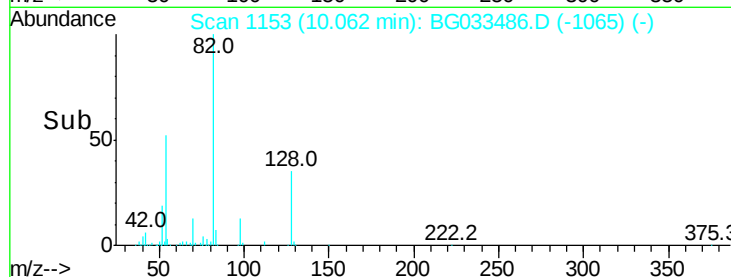
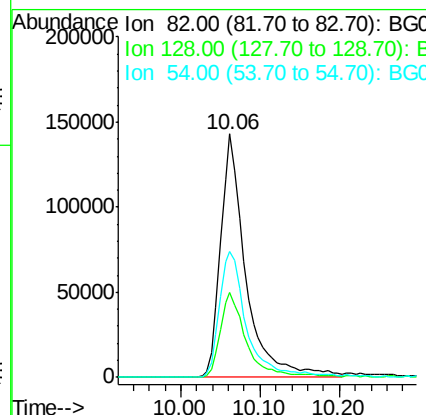
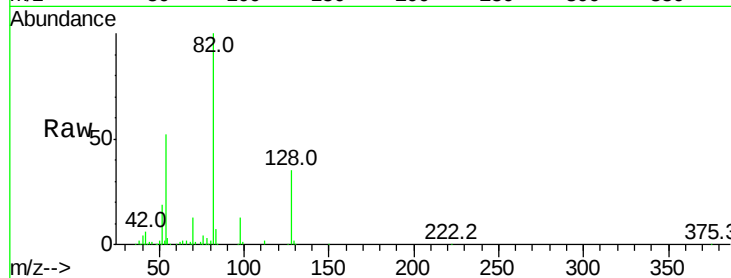




#23
 Nitrobenzene-d5
 Concen: 97.609 ng
 RT: 10.06 min Scan# 1153
 Delta R.T. -0.01 min
 Lab File: BG033486.D
 Acq: 2 Apr 2018 14:23

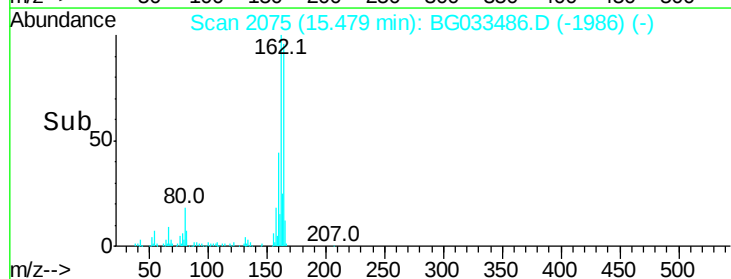
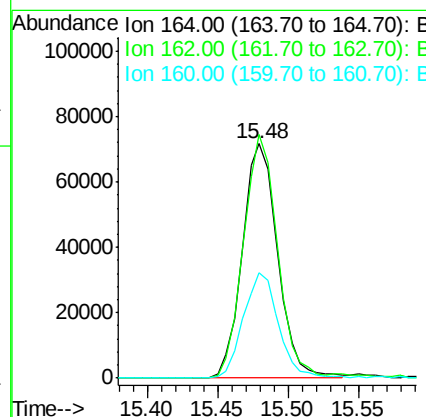
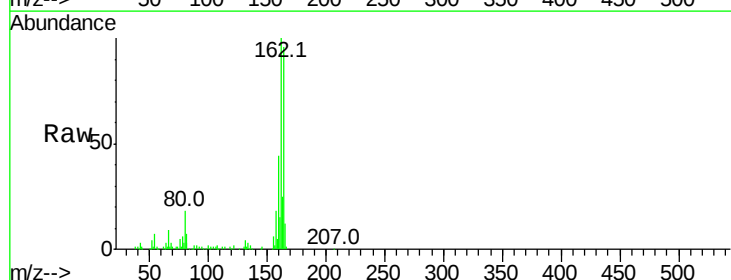
Instrument :
 BNA_G
 ClientSampleId :

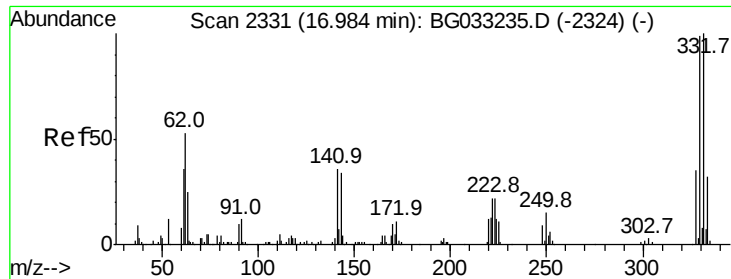
Tot Ion	82	Resp	315940
Ion Ratio	Lower	Upper	
82	100		
128	34.7	29.7	44.5
54	51.9	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.01 min
 Lab File: BG033486.D
 Acq: 2 Apr 2018 14:23

Tgt Ion	164	Resp	125663
Ion Ratio	Lower	Upper	
164	100		
162	103.9	78.8	118.2
160	45.2	35.4	53.0

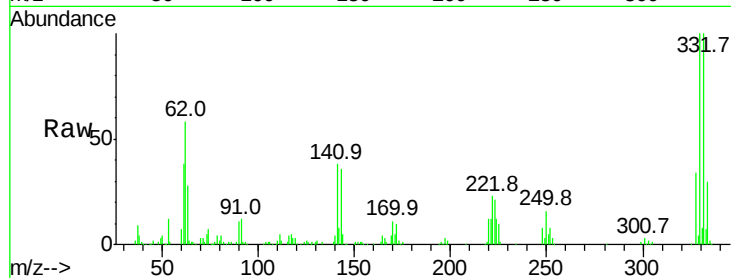




#41
 2,4,6-Tribromophenol
 Concen: 137.205 ng
 RT: 16.95 min Scan# 2326
 Delta R.T. -0.00 min
 Lab File: BG033486.D
 Acq: 2 Apr 2018 14:23

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	97.0	77.0	115.6
141	37.2	25.2	37.8

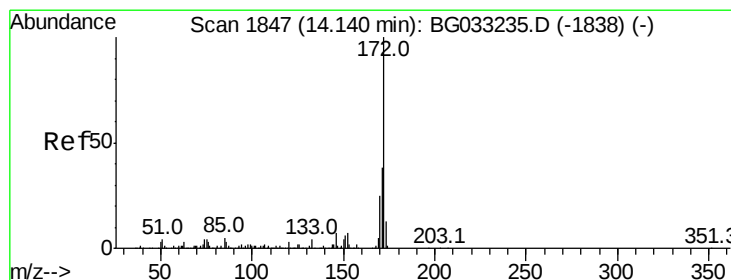
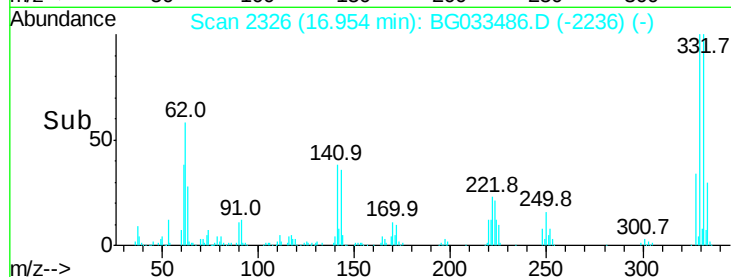
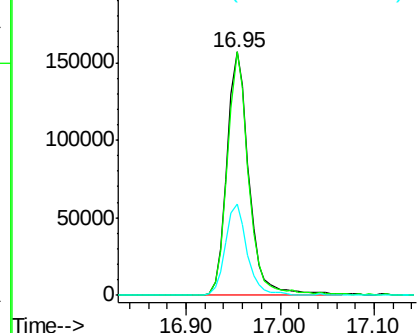


Abundance

Ion 329.80 (329.50 to 330.50): E

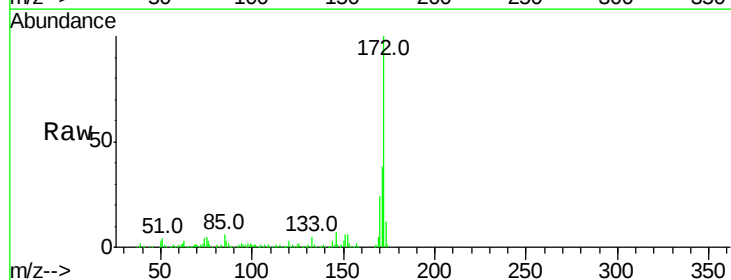
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#44
 2-Fluorobiphenyl
 Concen: 94.275 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033486.D
 Acq: 2 Apr 2018 14:23

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.0	30.0	45.0
170	24.4	19.5	29.3

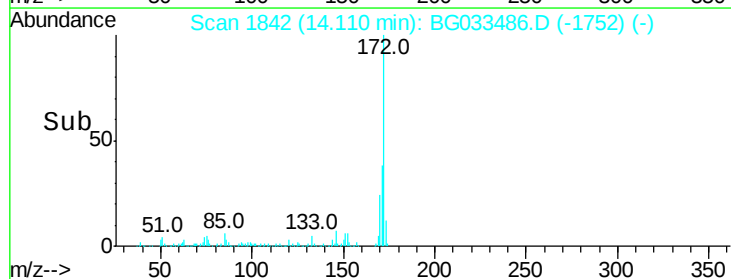
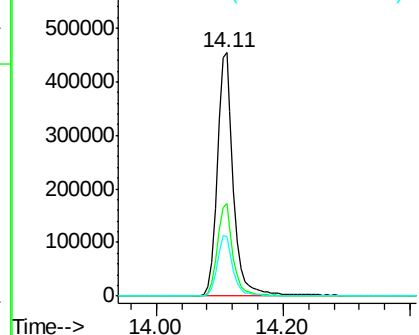


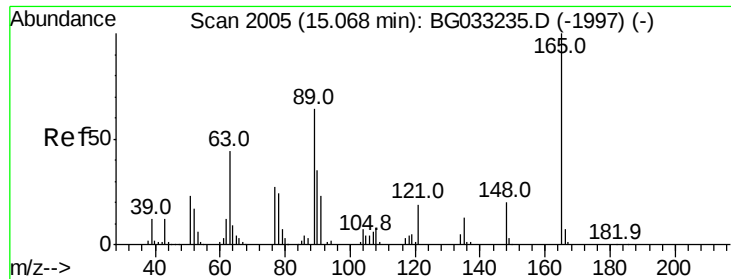
Abundance

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

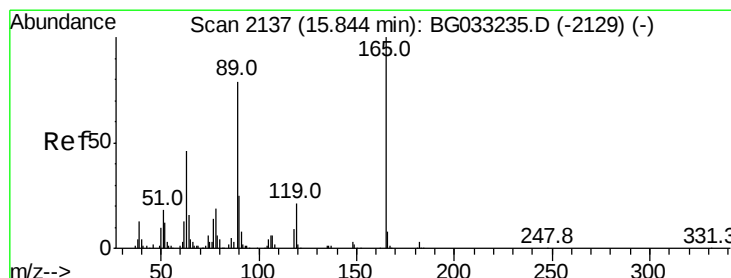
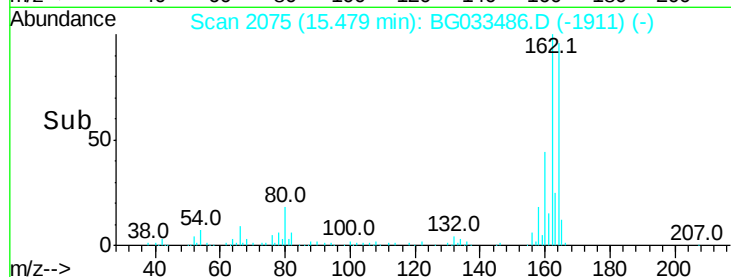
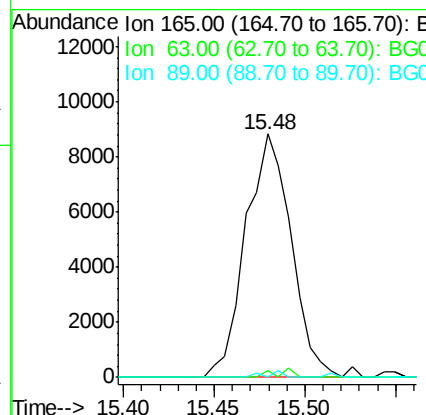
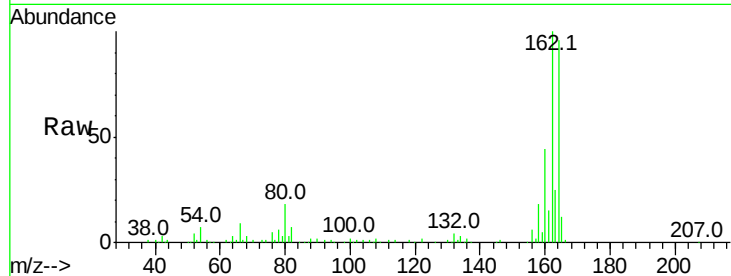




#50
 2,6-Dinitrotoluene
 Concen: 6.871 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. 0.43 min
 Lab File: BG033486.D
 Acq: 2 Apr 2018 14:23

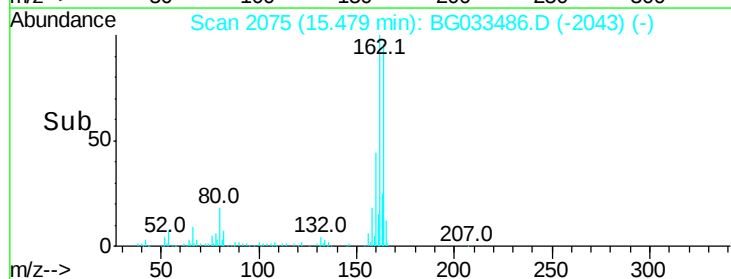
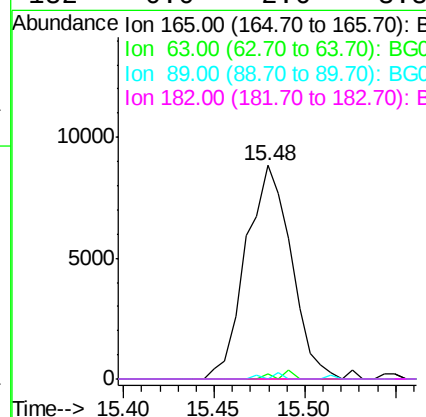
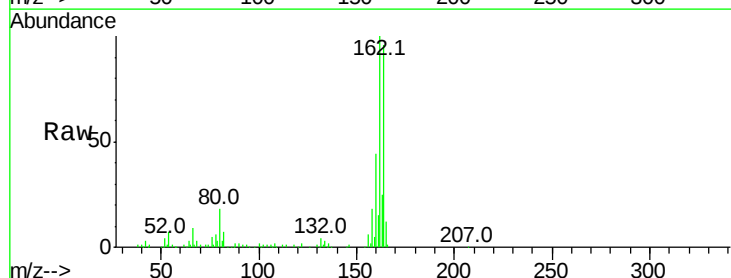
Instrument :
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 ClientSampleId :

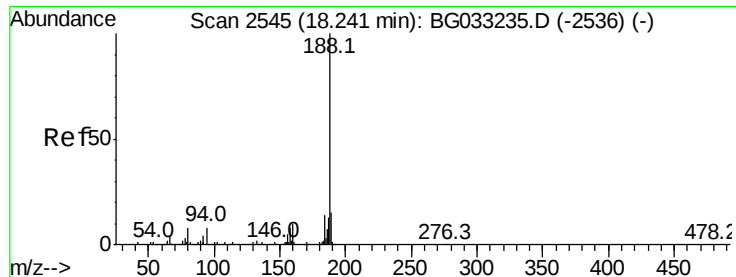
Tot Ion	Ratio	Lower	Upper
165	100		
63	2.6	52.7	79.1#
89	0.0	49.2	73.8#



#56
 2,4-Dinitrotoluene
 Concen: 4.667 ng
 RT: 15.48 min Scan# 2075
 Delta R.T. -0.34 min
 Lab File: BG033486.D
 Acq: 2 Apr 2018 14:23

Tgt Ion	Ratio	Lower	Upper
165	100		
63	2.6	42.0	63.0#
89	0.0	66.9	100.3#
182	0.0	2.6	3.8#

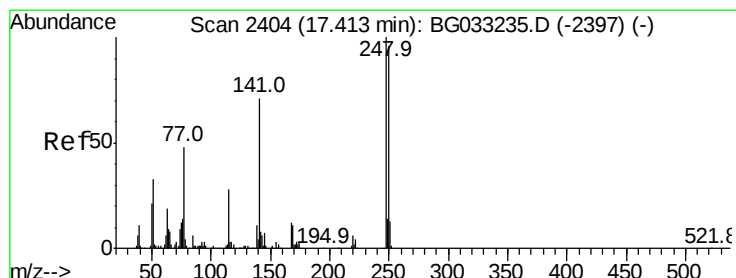
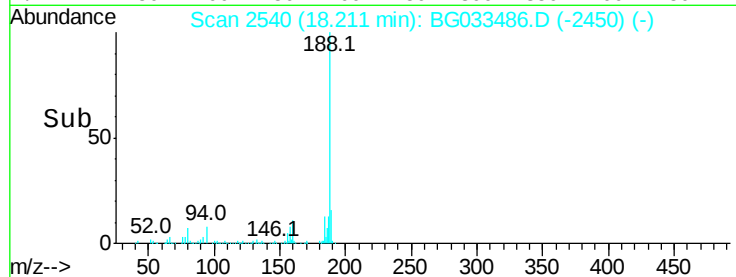
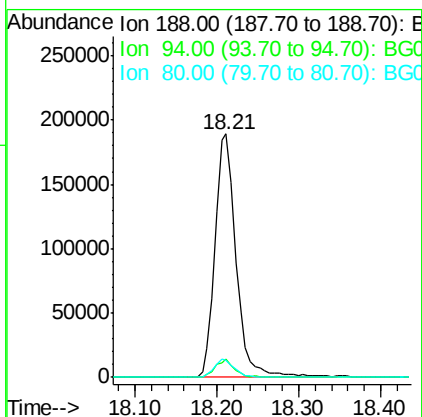
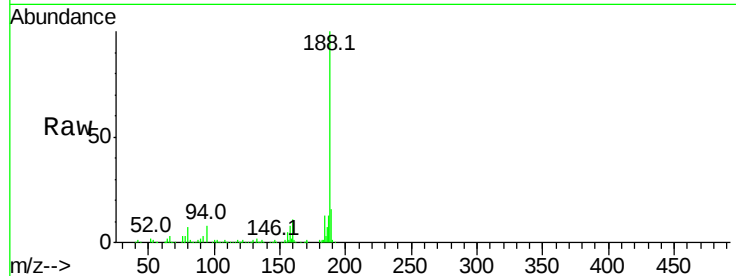




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 18.21 min Scan# 2540
Delta R.T. -0.00 min
Lab File: BG033486.D
Acq: 2 Apr 2018 14:23

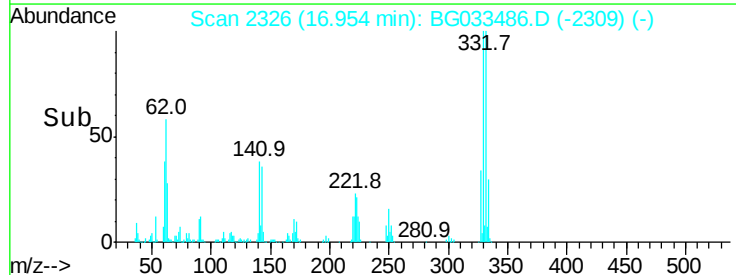
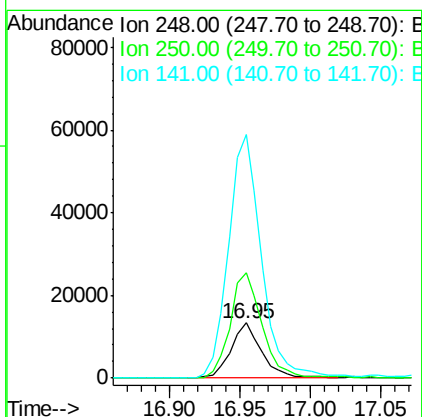
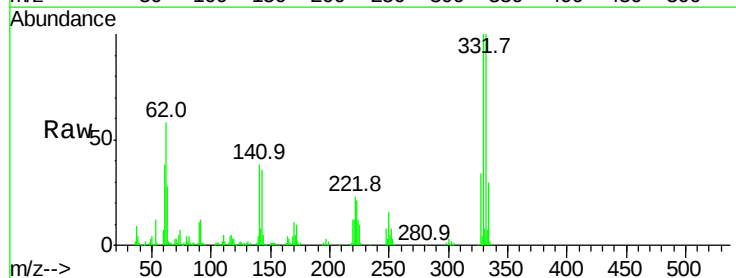
Instrument :
BNA_G
ClientSampleId :

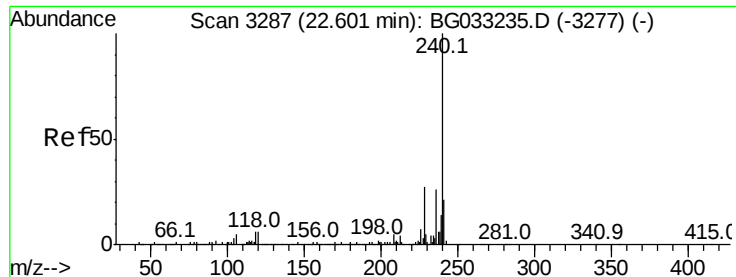
Tot Ion:188 Resp: 341299
Ion Ratio Lower Upper
188 100
94 7.5 6.9 10.3
80 7.1 7.7 11.5#



#66
4-Bromophenyl-phenylether
Concen: 5.005 ng
RT: 16.95 min Scan# 2326
Delta R.T. -0.43 min
Lab File: BG033486.D
Acq: 2 Apr 2018 14:23

Tgt Ion:248 Resp: 20061
Ion Ratio Lower Upper
248 100
250 192.5 77.1 115.7#
141 443.7 50.8 76.2#





#75

Chrysene-d12

Concen: 20.000 ng

RT: 22.55 min Scan# 3279

Delta R.T. -0.01 min

Lab File: BG033486.D

Acq: 2 Apr 2018 14:23

Instrument :

BNA_G

ClientSampleId :

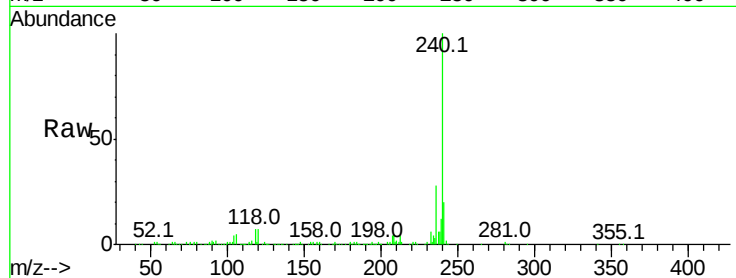
Tot Ion:240 Resp: 345747

Ion Ratio Lower Upper

240 100

120 6.7 6.8 10.2#

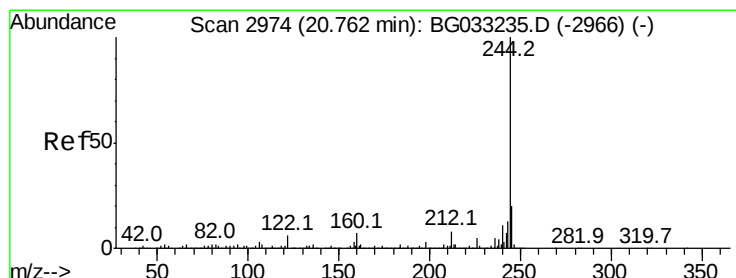
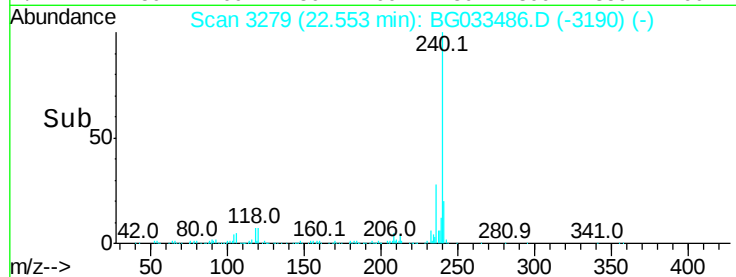
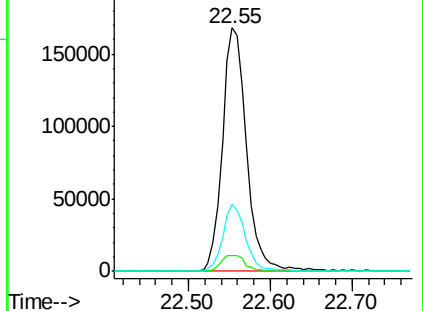
236 27.6 20.9 31.3



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: 95.379 ng

RT: 20.73 min Scan# 2969

Delta R.T. -0.00 min

Lab File: BG033486.D

Acq: 2 Apr 2018 14:23

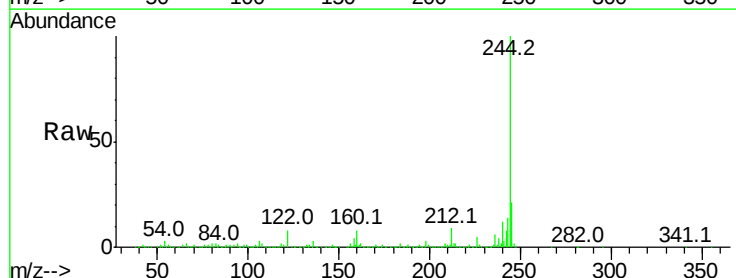
Tgt Ion:244 Resp: 1541984

Ion Ratio Lower Upper

244 100

212 8.8 5.8 8.8#

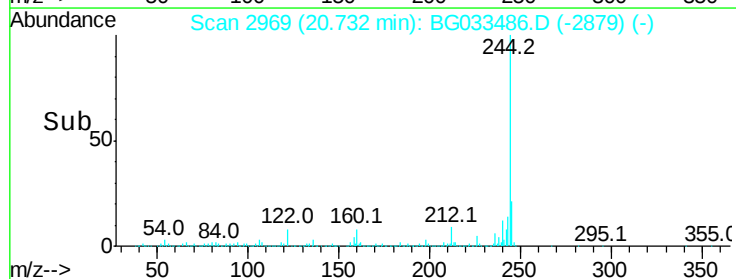
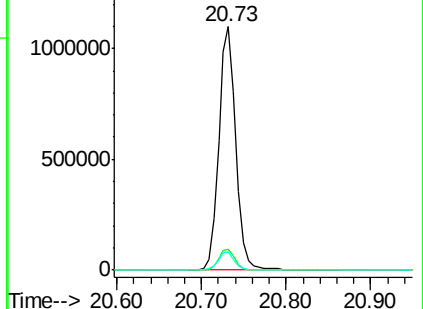
122 7.6 7.0 10.4

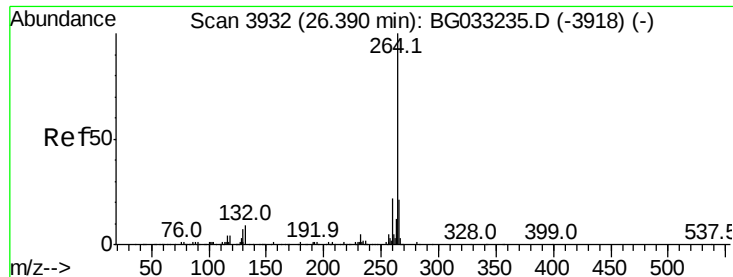


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.32 min Scan# 3920
Delta R.T. -0.01 min
Lab File: BG033486.D
Acq: 2 Apr 2018 14:23

Instrument :
BNA_G
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.9	17.4	26.0
265	22.0	17.7	26.5

