

Data Path : Z:\HPCHEM1\BNA G\DATA\BG041018\
 Data File : BG033722.D
 Acq On : 10 Apr 2018 20:32
 Operator : SJ/JU
 Sample : J2278-01
 Misc :
 ALS Vial : 14 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-2-3-6-8-9-11-13

Quant Time: Apr 11 03:34:41 2018
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG031918.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Apr 10 16:51:36 2018
 Response via : Initial Calibration

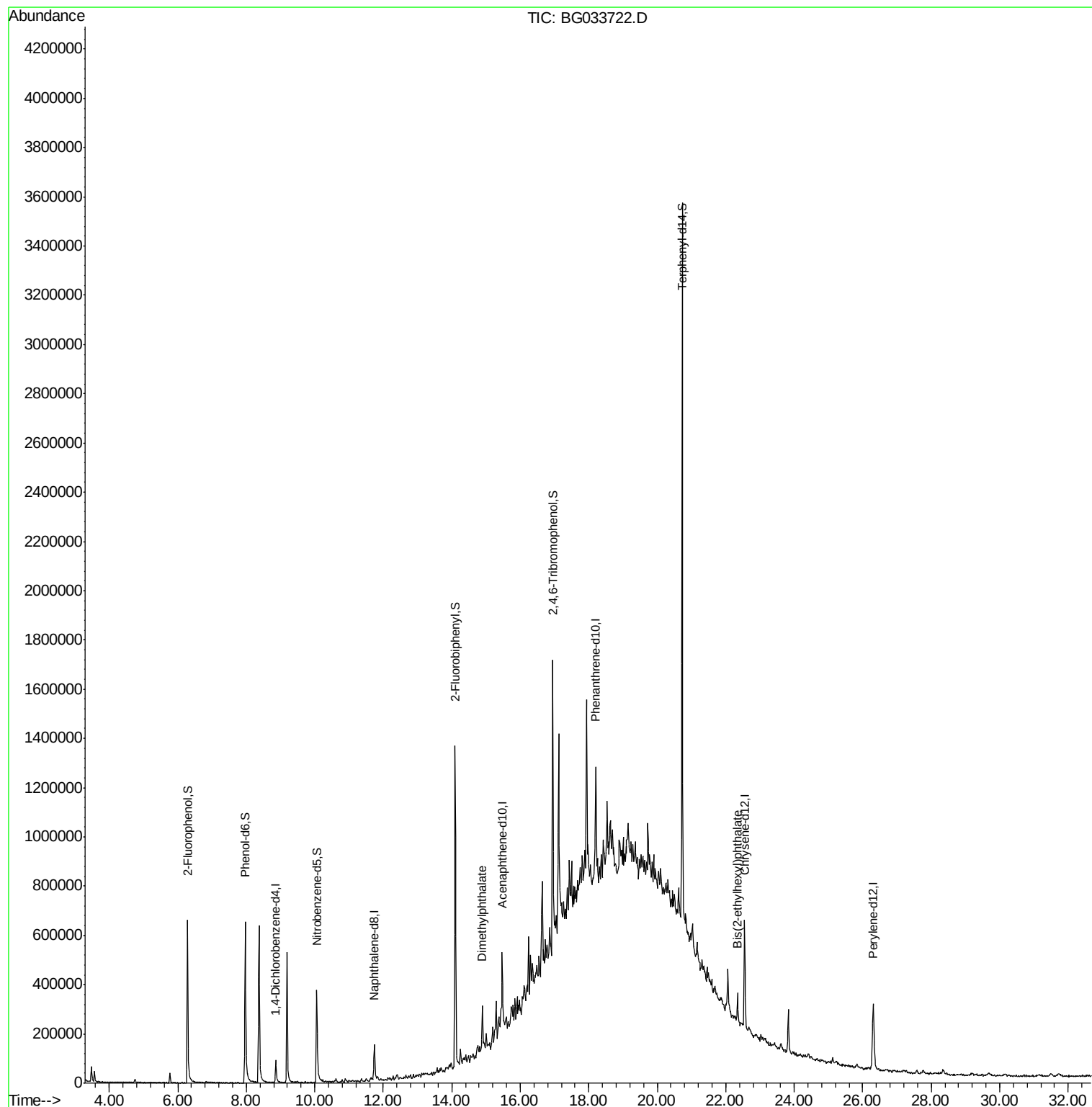
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	32369	20.00	ng	0.00
21) Naphthalene-d8	11.74	136	148267	20.00	ng	0.00
38) Acenaphthene-d10	15.47	164	114190	20.00	ng	0.00
63) Phenanthrene-d10	18.20	188	290006	20.00	ng	0.00
75) Chrysene-d12	22.55	240	325547	20.00	ng	0.00
86) Perylene-d12	26.31	264	369243	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.28	112	306404	177.50	ng	0.00
7) Phenol-d6	7.97	99	454183	153.13	ng	0.00
23) Nitrobenzene-d5	10.06	82	303774	94.13	ng	0.00
41) 2,4,6-Tribromophenol	16.95	330	235819	138.08	ng	0.00
44) 2-Fluorobiphenyl	14.10	172	762334	96.38	ng	0.00
78) Terphenyl-d14	20.73	244	1480702	97.27	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.89	163	50803	5.112	ng	Qvalue # 96
83) Bis(2-ethylhexyl)phthalate	22.35	149	44833	4.059	ng	91

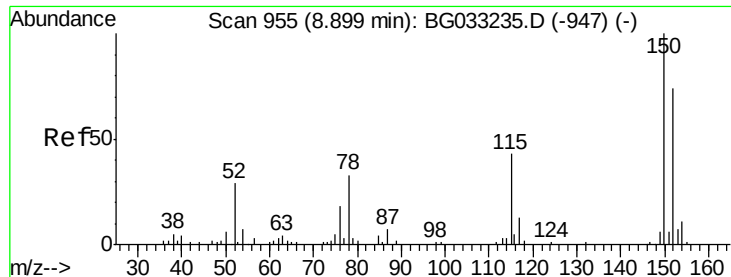
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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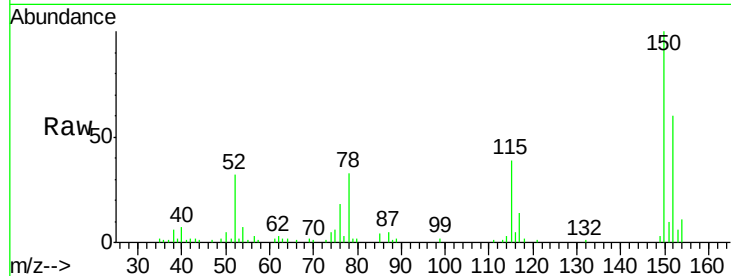


#1

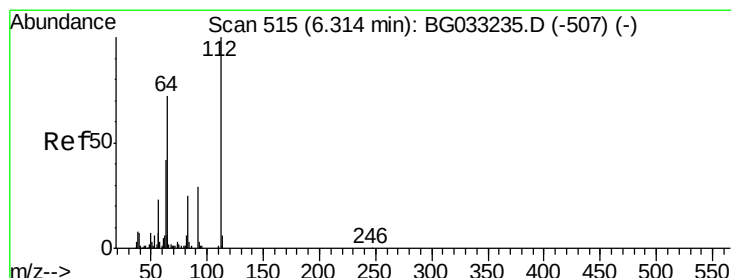
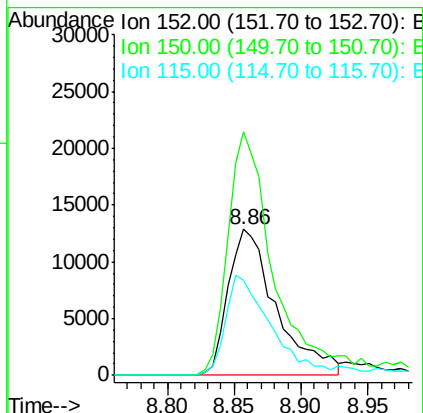
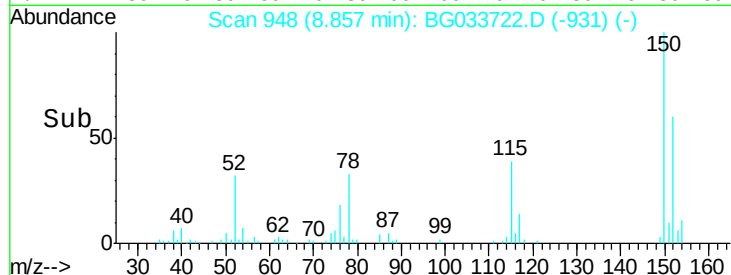
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.86 min Scan# 948
Delta R.T. -0.00 min
Lab File: BG033722.D
Acq: 10 Apr 2018 20:32

Instrument :
BNA_G
ClientSampleId :
DRUM-2-3-6-8-9-11-13

Tot Ion:152 Resp: 32369
Ion Ratio Lower Upper
152 100
150 166.5 126.6 189.8
115 64.8 53.0 79.4



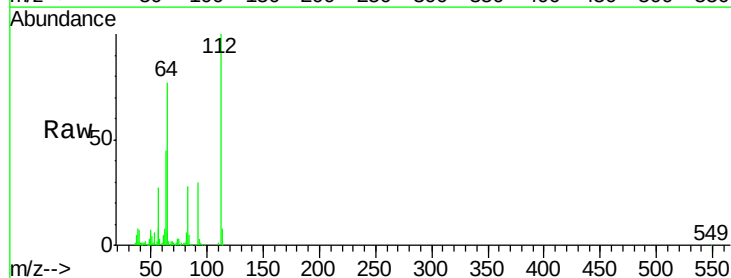
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



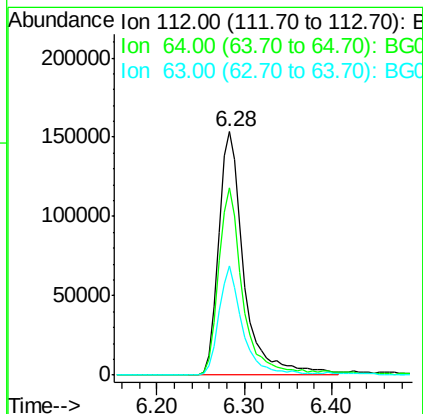
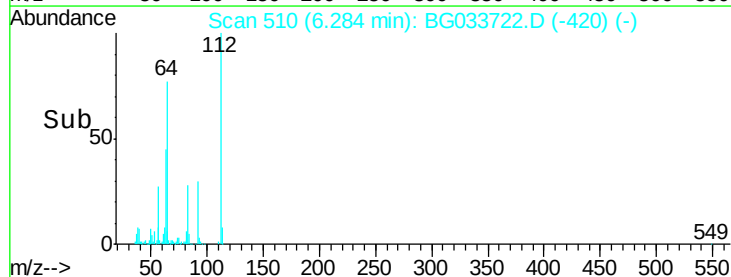
#5

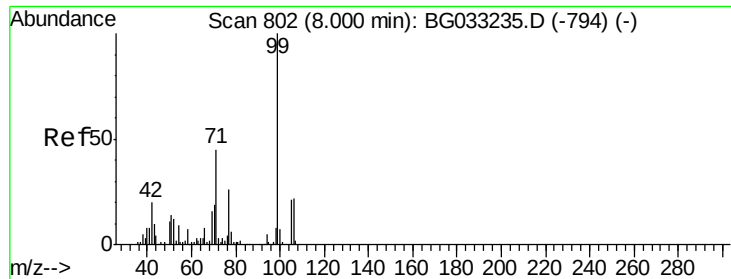
2-Fluorophenol
Concen: 177.498 ng
RT: 6.28 min Scan# 510
Delta R.T. -0.00 min
Lab File: BG033722.D
Acq: 10 Apr 2018 20:32

Tgt Ion:112 Resp: 306404
Ion Ratio Lower Upper
112 100
64 77.2 56.3 84.5
63 44.9 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: 153.128 ng

RT: 7.97 min Scan# 797

Delta R.T. -0.00 min

Lab File: BG033722.D

Acq: 10 Apr 2018 20:32

Instrument :

BNA_G

ClientSampleId :

DRUM-2-3-6-8-9-11-13

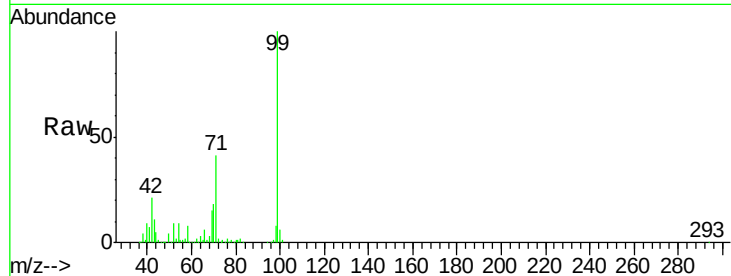
Tot Ion: 99 Resp: 454183

Ion Ratio Lower Upper

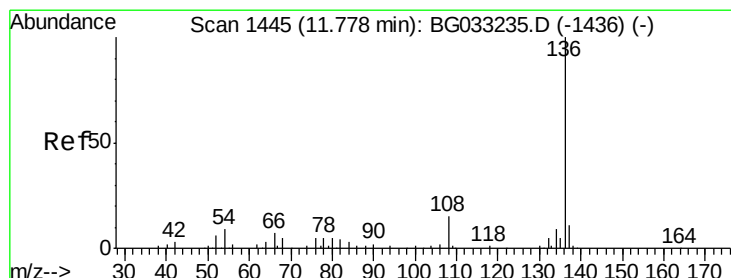
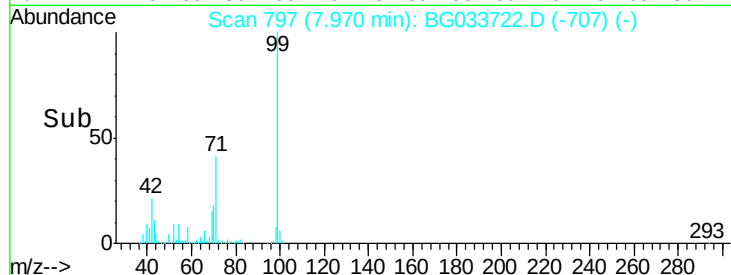
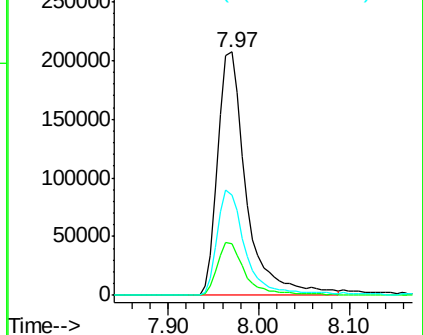
99 100

42 21.1 14.1 21.1

71 41.0 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# 1438

Delta R.T. -0.00 min

Lab File: BG033722.D

Acq: 10 Apr 2018 20:32

Tgt Ion: 136 Resp: 148267

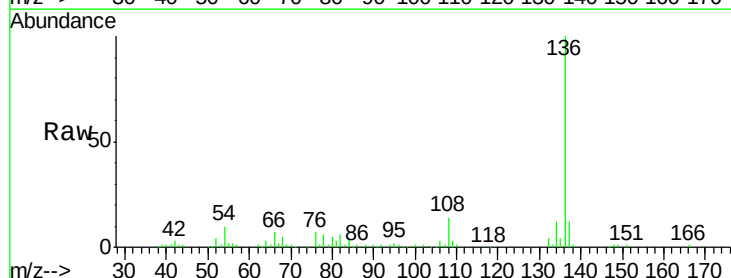
Ion Ratio Lower Upper

136 100

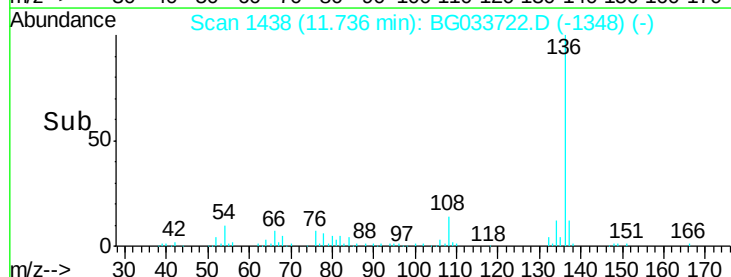
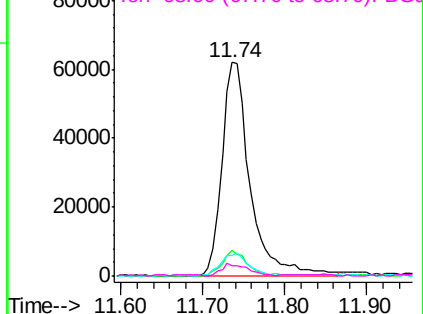
137 11.8 9.2 13.8

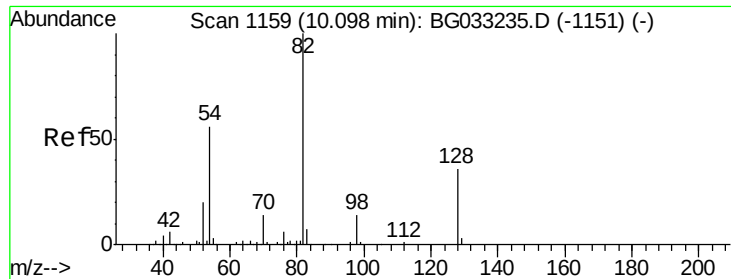
54 9.9 10.3 15.5#

68 4.9 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

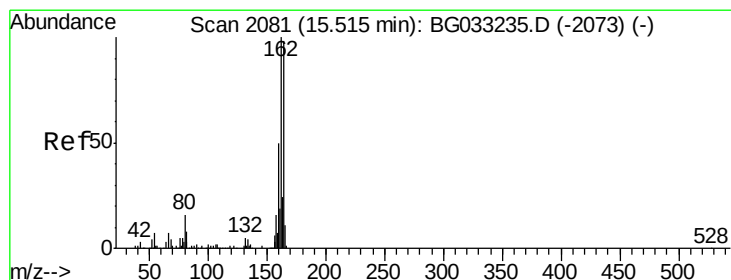
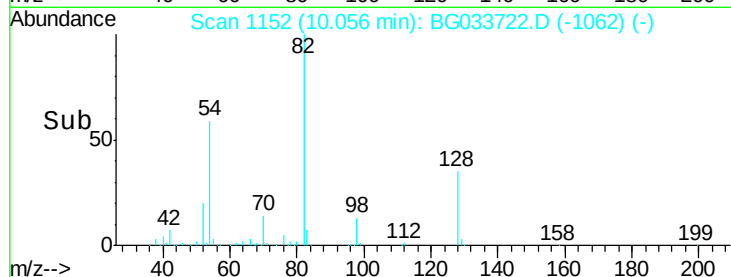
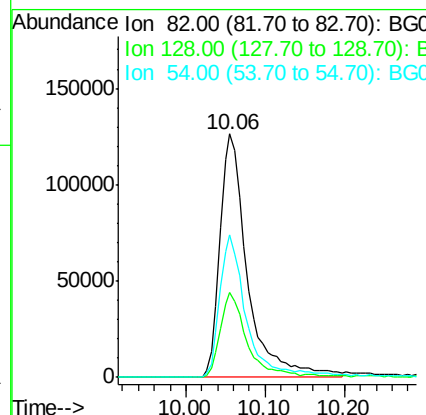
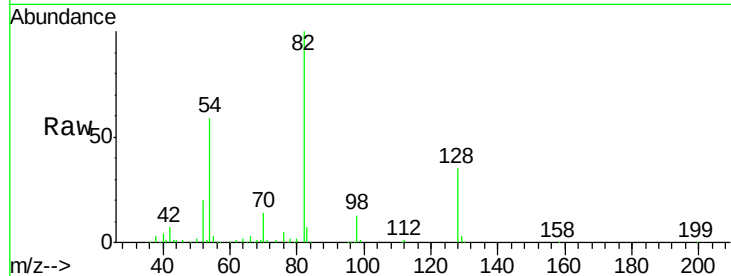




#23
 Nitrobenzene-d5
 Concen: 94.132 ng
 RT: 10.06 min Scan# 1152
 Delta R.T. -0.00 min
 Lab File: BG033722.D
 Acq: 10 Apr 2018 20:32

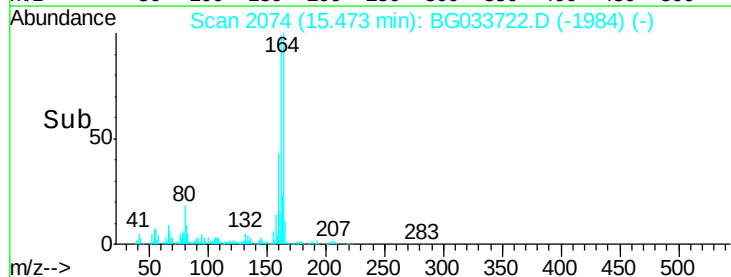
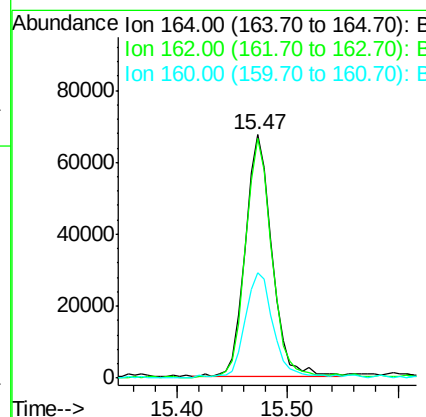
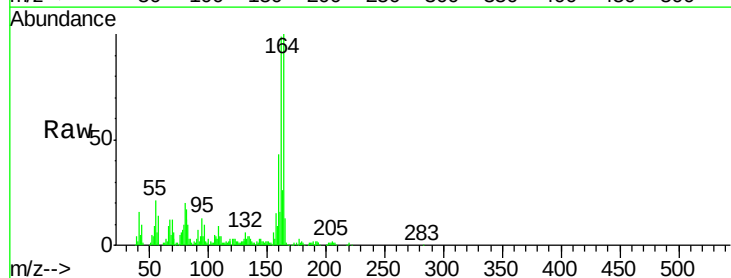
Instrument :
 BNA_G
 ClientSampleId :
 DRUM-2-3-6-8-9-11-13

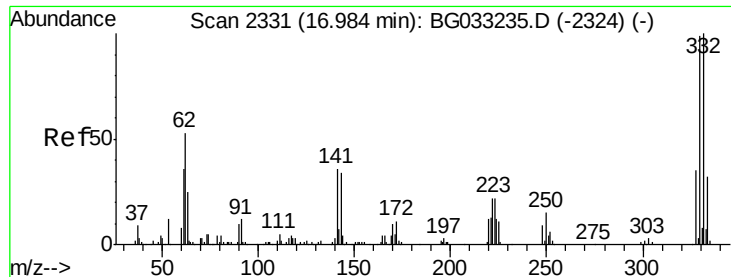
Tot Ion	82	Resp	303774
Ion Ratio	Lower	Upper	
82	100		
128	34.8	29.7	44.5
54	58.6	43.1	64.7



#38
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 15.47 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG033722.D
 Acq: 10 Apr 2018 20:32

Tgt Ion	164	Resp	114190
Ion Ratio	Lower	Upper	
164	100		
162	98.6	78.8	118.2
160	43.0	35.4	53.0





#41

2,4,6-Tribromophenol

Concen: 138.080 ng

RT: 16.95 min Scan# 2326

Delta R.T. 0.01 min

Lab File: BG033722.D

Acq: 10 Apr 2018 20:32

Instrument :

BNA_G

ClientSampleId :

DRUM-2-3-6-8-9-11-13

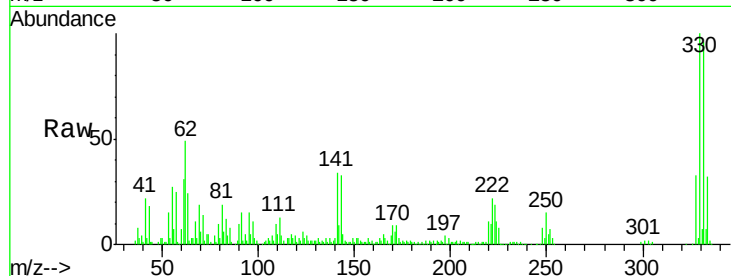
Tot Ion:330 Resp: 235819

Ion Ratio Lower Upper

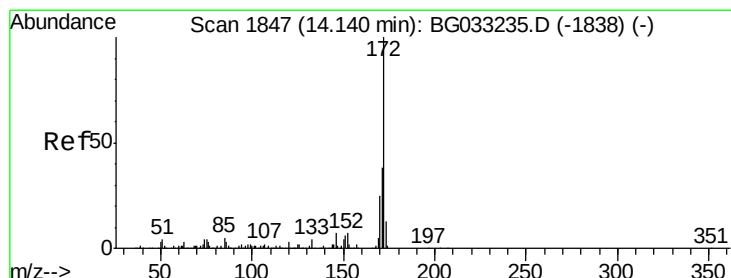
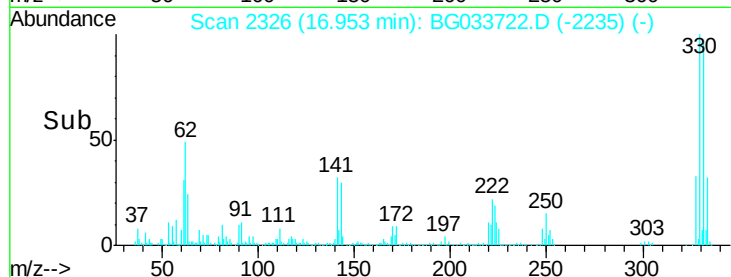
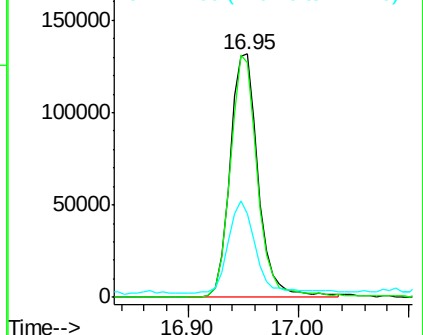
330 100

332 97.1 77.0 115.6

141 36.8 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: 96.377 ng

RT: 14.10 min Scan# 1840

Delta R.T. -0.01 min

Lab File: BG033722.D

Acq: 10 Apr 2018 20:32

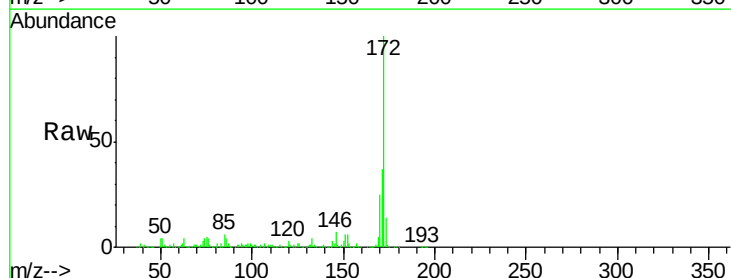
Tgt Ion:172 Resp: 762334

Ion Ratio Lower Upper

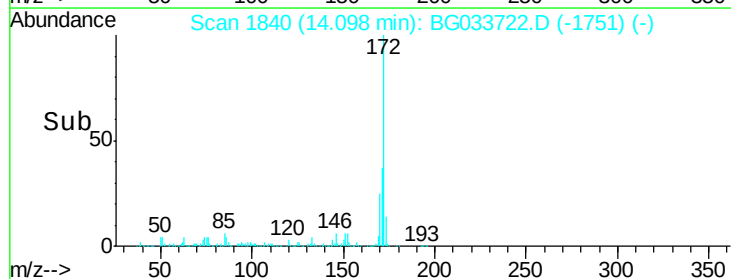
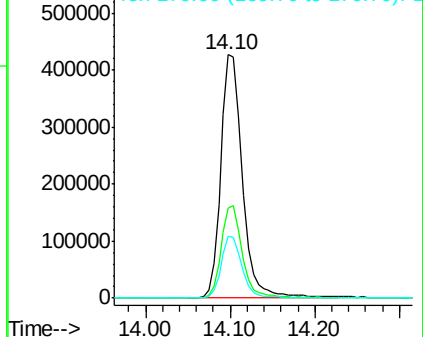
172 100

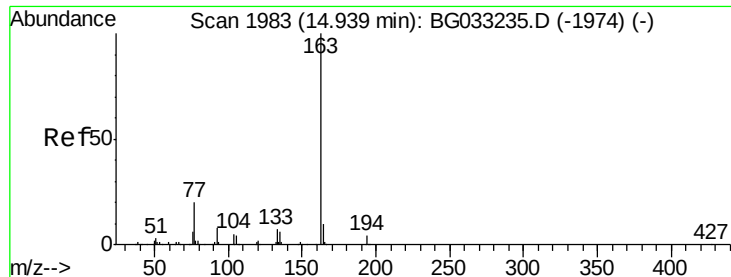
171 37.1 30.0 45.0

170 25.3 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





#49

Dimethylphthalate

Concen: 5.112 ng

RT: 14.89 min Scan# 1975

Delta R.T. -0.01 min

Lab File: BG033722.D

Acq: 10 Apr 2018 20:32

Instrument :

BNA_G

ClientSampleId :

DRUM-2-3-6-8-9-11-13

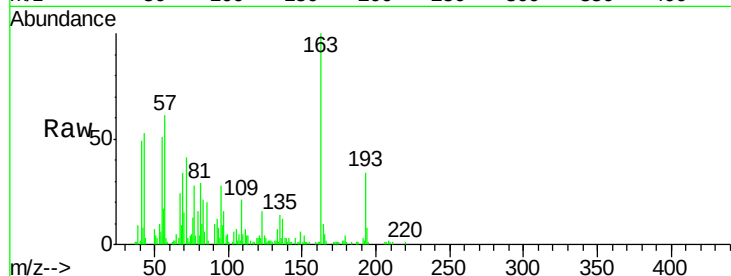
Tot Ion:163 Resp: 50803

Ion Ratio Lower Upper

163 100

194 7.8 3.4 5.2#

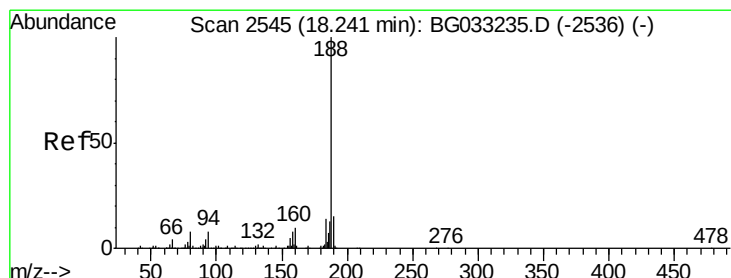
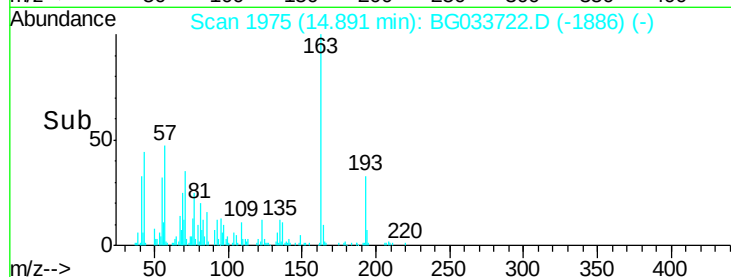
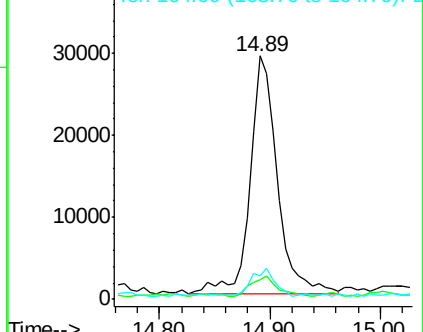
164 9.8 8.2 12.4



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: 18.20 min Scan# 2539

Delta R.T. -0.00 min

Lab File: BG033722.D

Acq: 10 Apr 2018 20:32

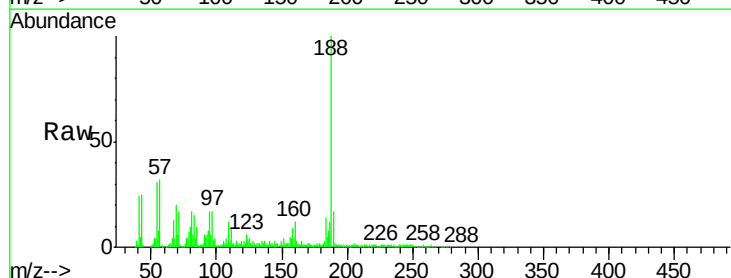
Tgt Ion:188 Resp: 290006

Ion Ratio Lower Upper

188 100

94 8.3 6.9 10.3

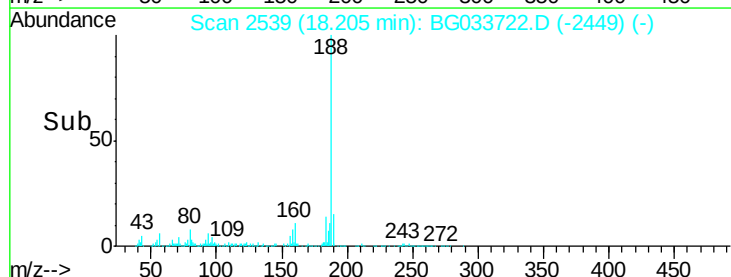
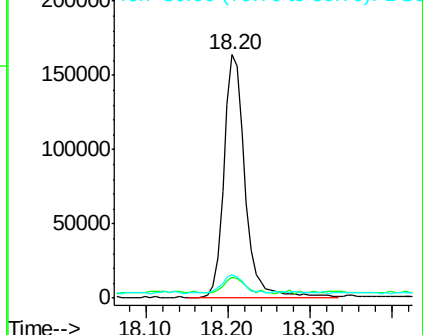
80 9.6 7.7 11.5

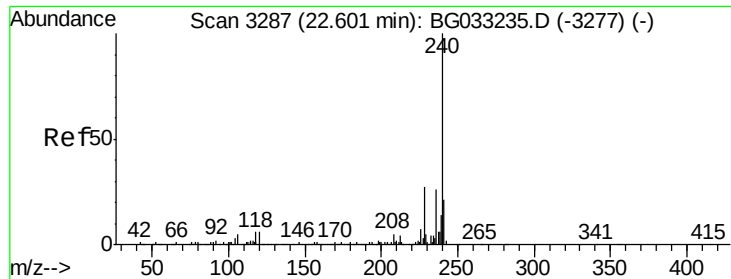


Abundance Ion 188.00 (187.70 to 188.70): E

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# 3279

Delta R.T. -0.00 min

Lab File: BG033722.D

Acq: 10 Apr 2018 20:32

Instrument :

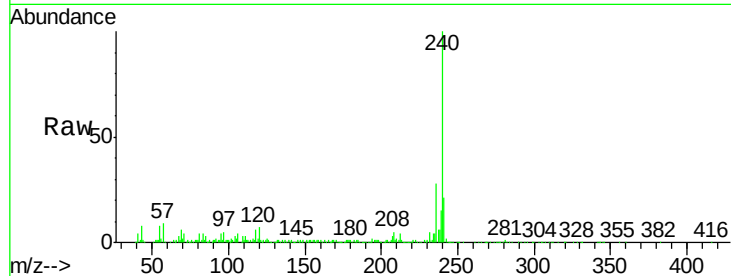
BNA_G

ClientSampleId :

DRUM-2-3-6-8-9-11-13

Tot Ion:240 Resp: 325547

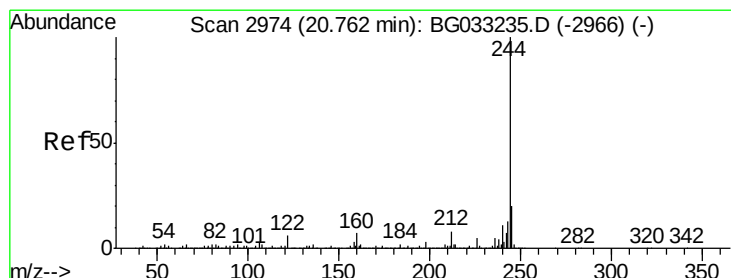
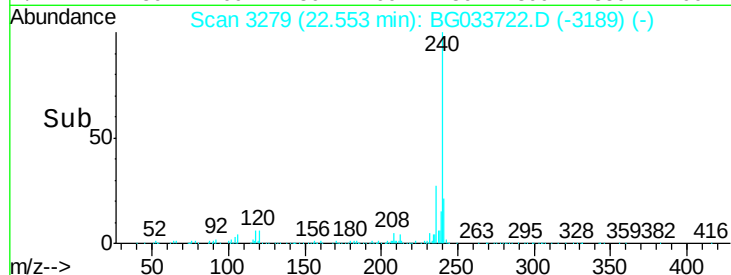
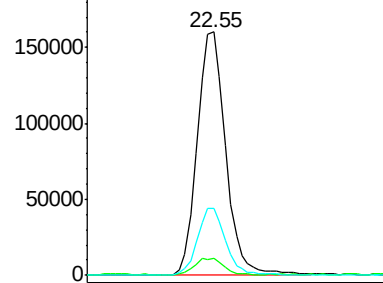
Ion	Ratio	Lower	Upper
240	100		
120	6.9	6.8	10.2
236	27.6	20.9	31.3



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: 97.271 ng

RT: 20.73 min Scan# 2968

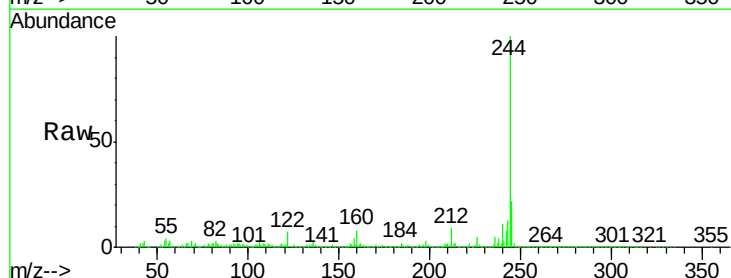
Delta R.T. -0.00 min

Lab File: BG033722.D

Acq: 10 Apr 2018 20:32

Tgt Ion:244 Resp: 1480702

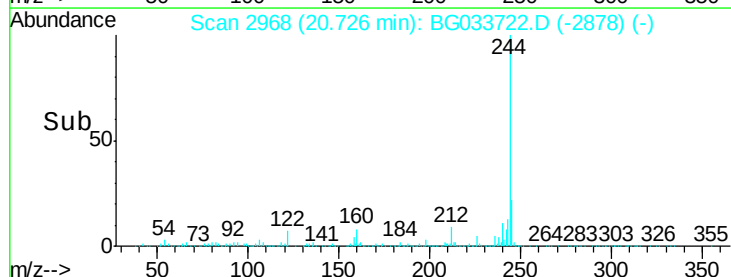
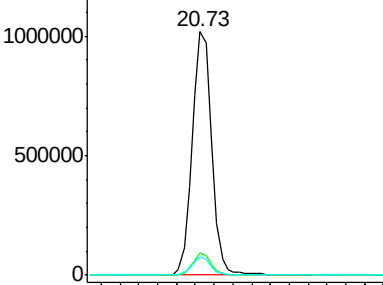
Ion	Ratio	Lower	Upper
244	100		
212	9.0	5.8	8.8#
122	7.4	7.0	10.4

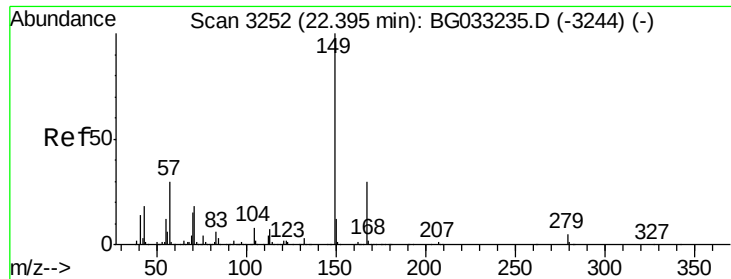


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

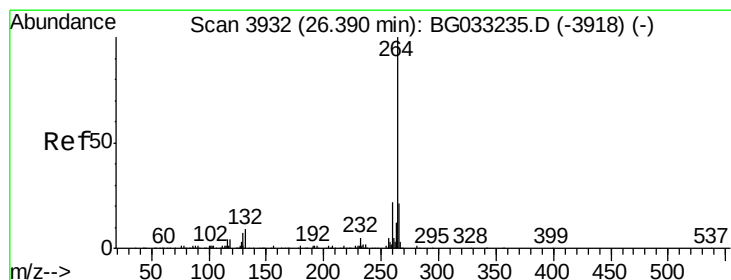
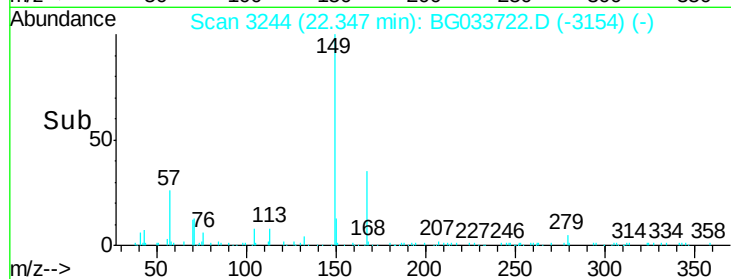
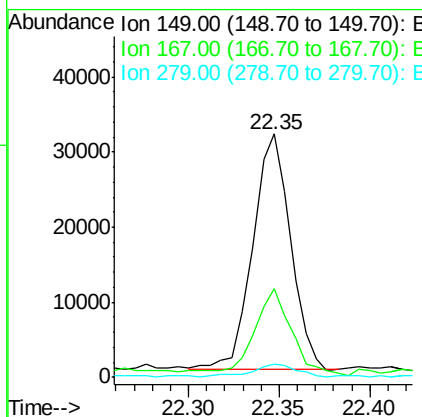
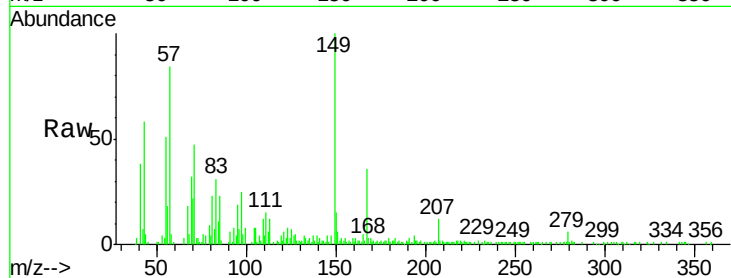




#83
 Bis(2-ethylhexyl)phthalate
 Concen: 4.059 ng
 RT: 22.35 min Scan# 3244
 Delta R.T. -0.00 min
 Lab File: BG033722.D
 Acq: 10 Apr 2018 20:32

Instrument :
 BNA_G
 ClientSampleId :
 DRUM-2-3-6-8-9-11-13

Tot Ion	149	Resp	44833
Ion Ratio	100	Lower	Upper
149	100		
167	36.2	24.3	36.5
279	5.6	4.0	6.0



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 26.31 min Scan# 3918
 Delta R.T. -0.00 min
 Lab File: BG033722.D
 Acq: 10 Apr 2018 20:32

Tgt Ion	264	Resp	369243
Ion Ratio	100	Lower	Upper
264	100		
260	23.7	17.4	26.0
265	21.6	17.7	26.5

