

Data Path : Z:\HPCHEM1\BNA G\DATA\BG032818\
 Data File : BG033397.D
 Acq On : 28 Mar 2018 22:06
 Operator : SJ/JU
 Sample : J2097-03
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LIP-16

Quant Time: Mar 29 07:28:57 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

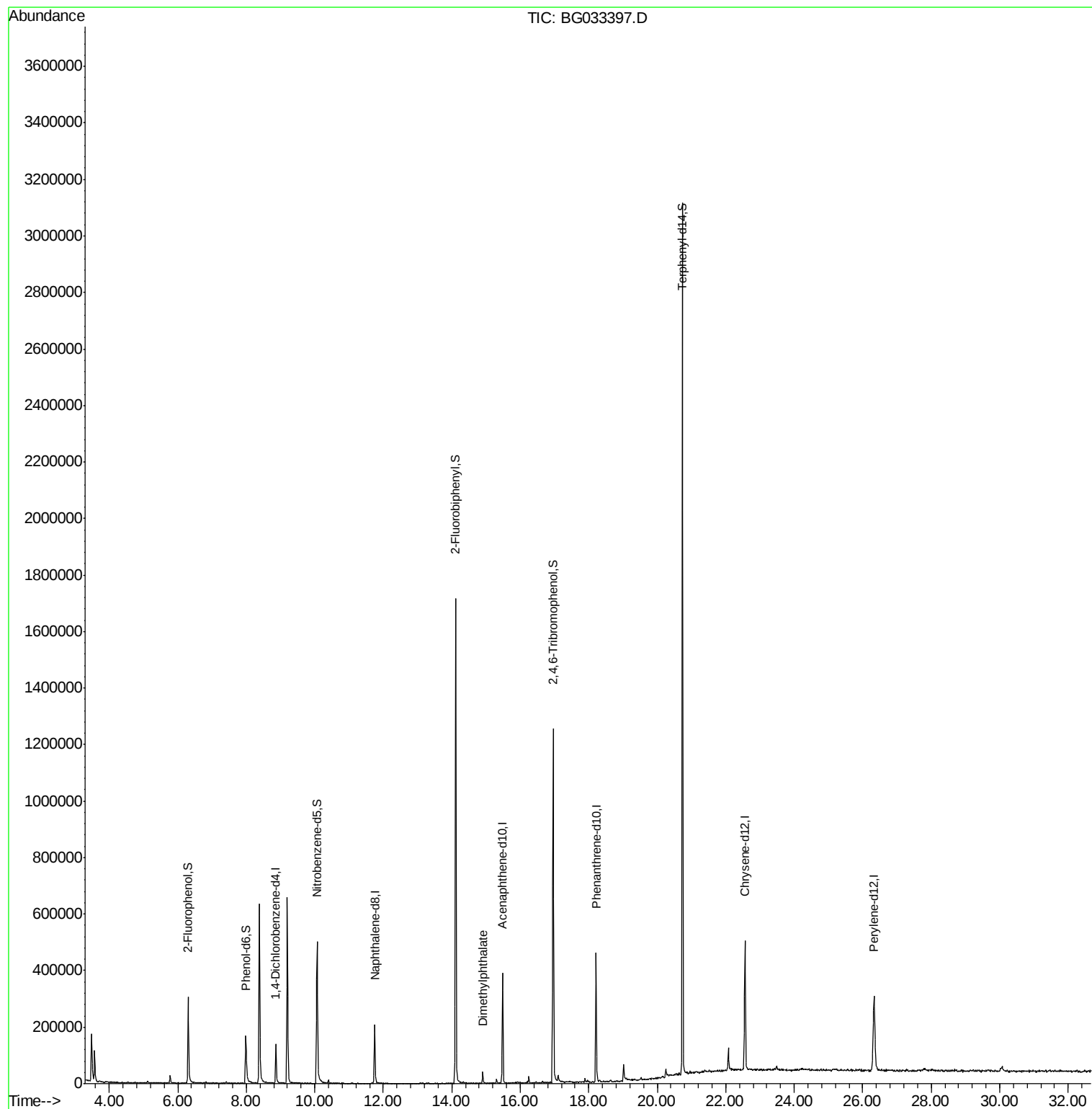
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.86	152	43527	20.00	ng	-0.02
21) Naphthalene-d8	11.75	136	185626	20.00	ng	0.00
38) Acenaphthene-d10	15.48	164	139879	20.00	ng	0.00
63) Phenanthrene-d10	18.21	188	327450	20.00	ng	0.00
75) Chrysene-d12	22.56	240	339405	20.00	ng	0.00
86) Perylene-d12	26.33	264	370962	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	6.30	112	144323	62.17	ng	0.00
7) Phenol-d6	7.99	99	128626	32.25	ng	0.00
23) Nitrobenzene-d5	10.07	82	386296	95.61	ng	0.00
41) 2,4,6-Tribromophenol	16.96	330	256851	122.77	ng	0.00
44) 2-Fluorobiphenyl	14.11	172	948277	97.87	ng	0.00
78) Terphenyl-d14	20.74	244	1519974	95.77	ng	0.00
Target Compounds						
49) Dimethylphthalate	14.90	163	26394	2.168	ng	Qvalue # 93

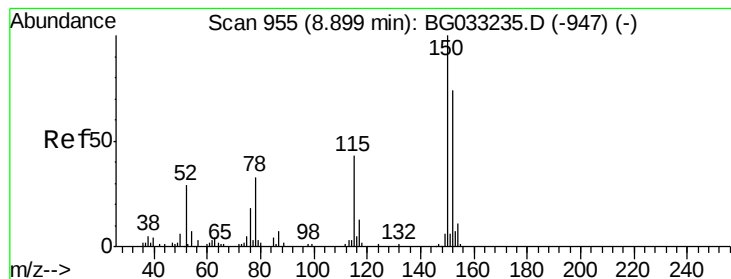
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.86 min Scan# 949

Delta R.T. -0.02 min

Lab File: BG033397.D

Acq: 28 Mar 2018 22:06

Instrument :

BNA_G

ClientSampled :

LIP-16

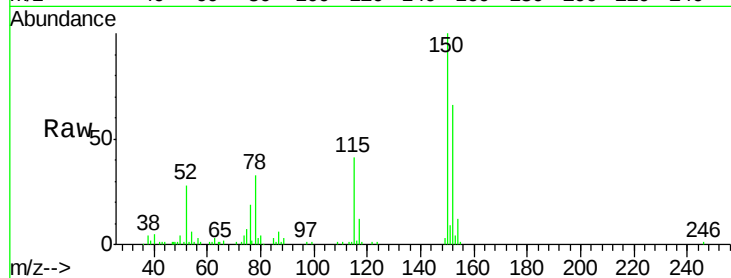
Tot Ion:152 Resp: 43527

Ion Ratio Lower Upper

152 100

150 151.6 126.6 189.8

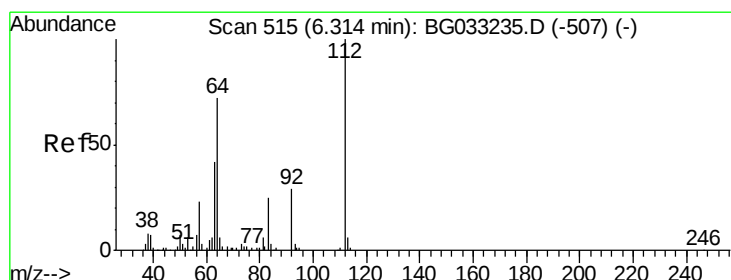
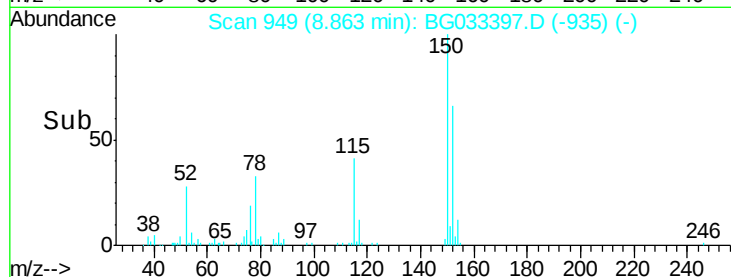
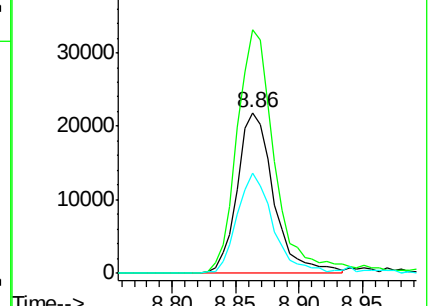
115 62.4 53.0 79.4



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: 62.174 ng

RT: 6.30 min Scan# 513

Delta R.T. 0.01 min

Lab File: BG033397.D

Acq: 28 Mar 2018 22:06

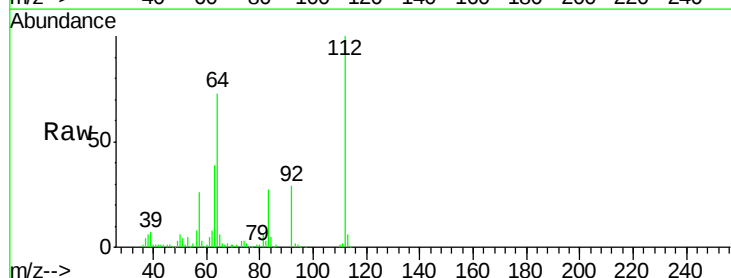
Tgt Ion:112 Resp: 144323

Ion Ratio Lower Upper

112 100

64 72.7 56.3 84.5

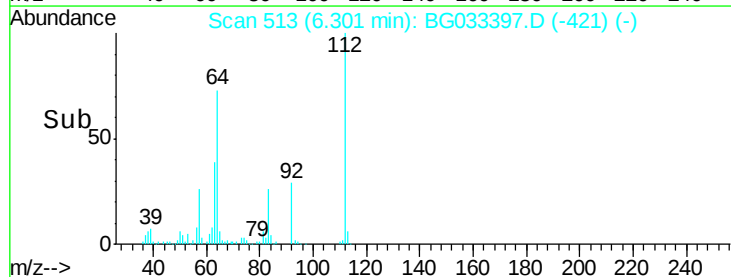
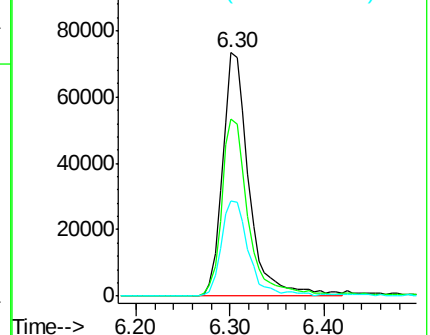
63 39.0 30.1 45.1

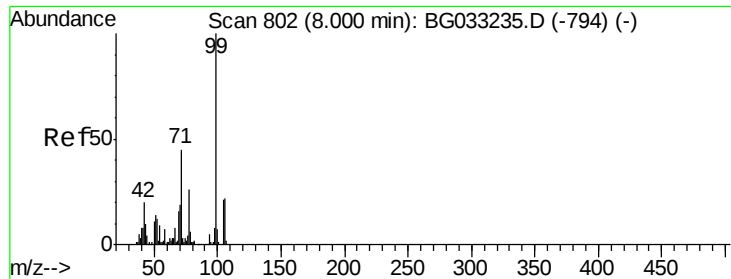


Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BG0

Ion 63.00 (62.70 to 63.70): BG0





#7

Phenol-d6

Concen: 32.250 ng

RT: 7.99 min Scan# 800

Delta R.T. 0.01 min

Lab File: BG033397.D

Acq: 28 Mar 2018 22:06

Instrument :

BNA_G

ClientSampleId :

LIP-16

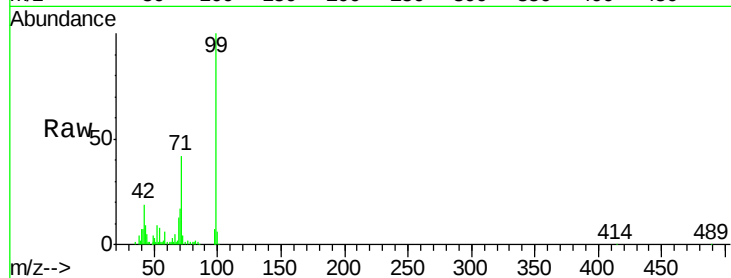
Tot Ion: 99 Resp: 128626

Ion Ratio Lower Upper

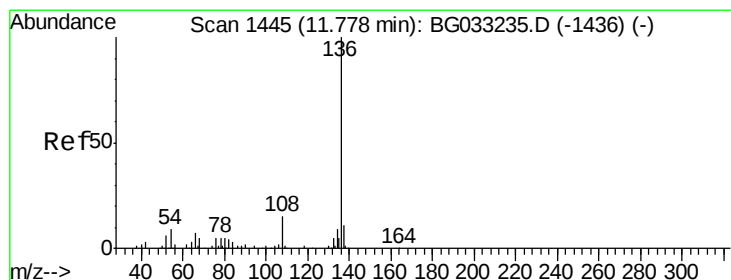
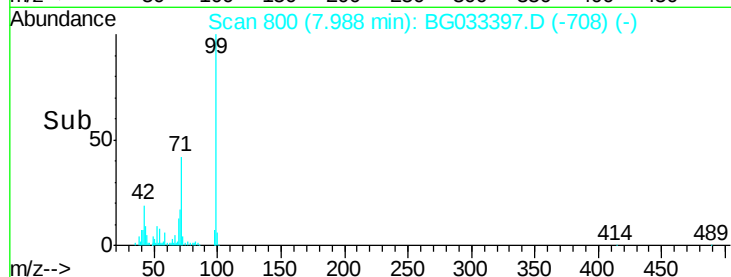
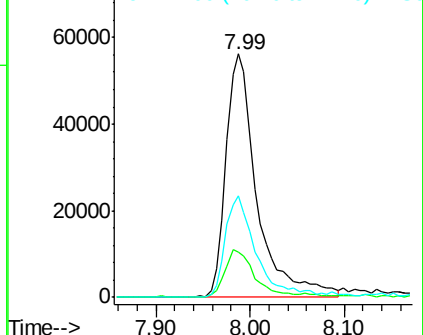
99 100

42 18.8 14.1 21.1

71 41.7 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: BG033397.D

Acq: 28 Mar 2018 22:06

Tgt Ion: 136 Resp: 185626

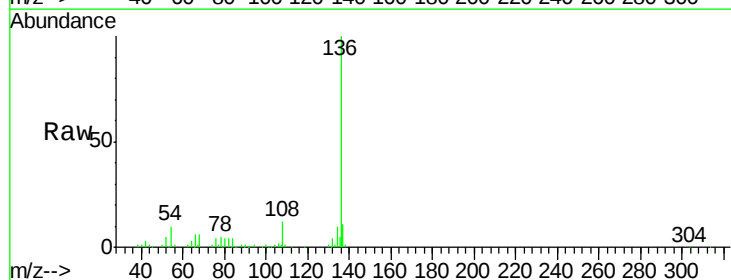
Ion Ratio Lower Upper

136 100

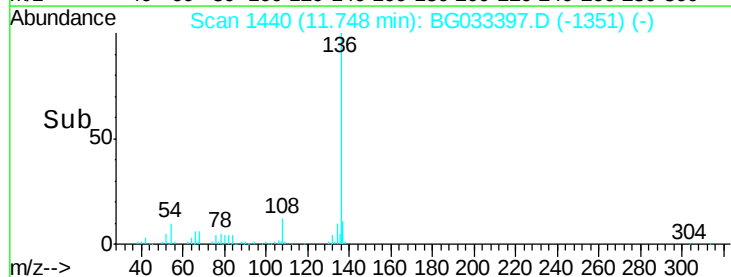
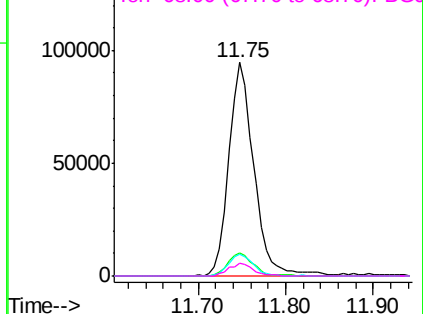
137 10.9 9.2 13.8

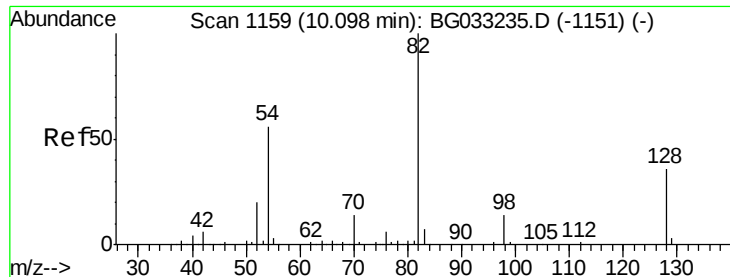
54 10.0 10.3 15.5#

68 6.2 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

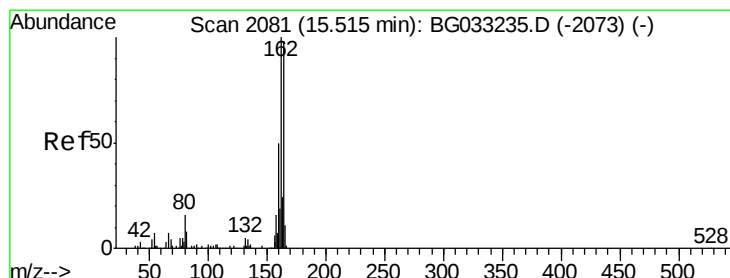
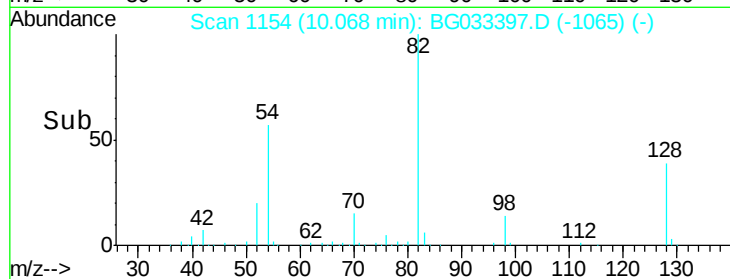
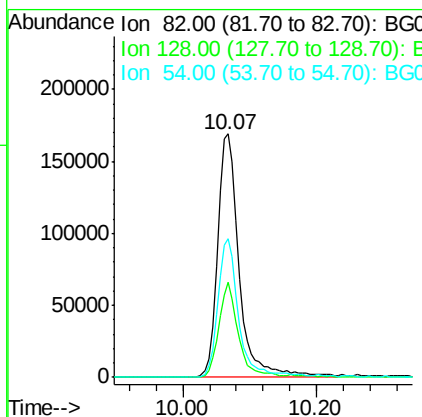
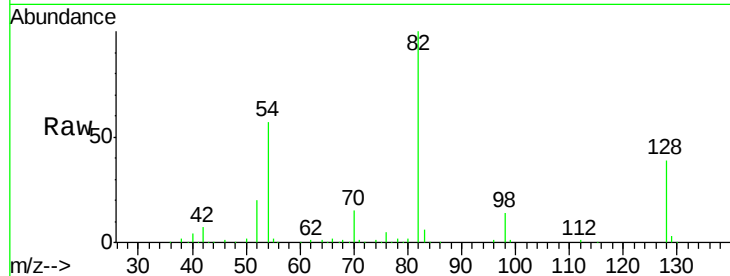




#23
Nitrobenzene-d5
Concen: 95.612 ng
RT: 10.07 min Scan# 1154
Delta R.T. -0.01 min
Lab File: BG033397.D
Acq: 28 Mar 2018 22:06

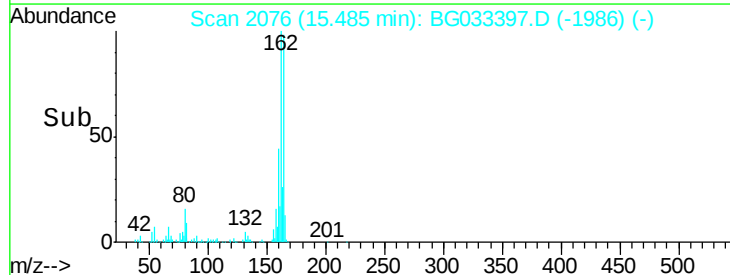
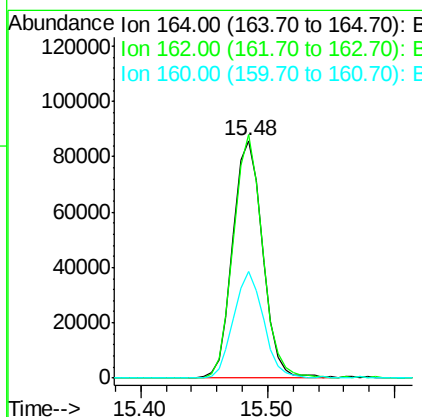
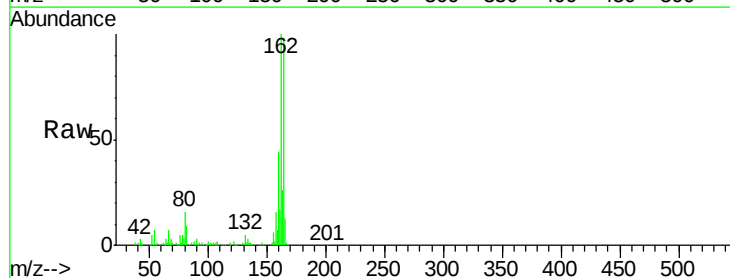
Instrument :
BNA_G
ClientSampleId :
LIP-16

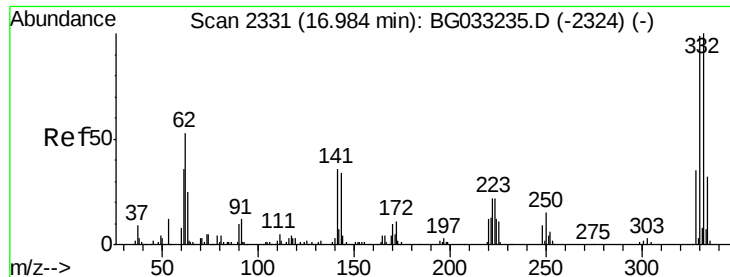
Tot Ion: 82 Resp: 386296
Ion Ratio Lower Upper
82 100
128 38.9 29.7 44.5
54 57.0 43.1 64.7



#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 15.48 min Scan# 2076
Delta R.T. -0.00 min
Lab File: BG033397.D
Acq: 28 Mar 2018 22:06

Tgt Ion: 164 Resp: 139879
Ion Ratio Lower Upper
164 100
162 102.5 78.8 118.2
160 44.8 35.4 53.0

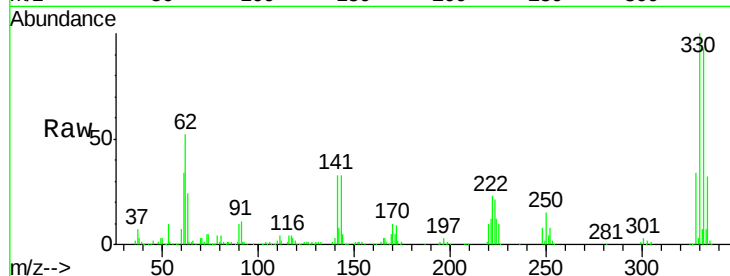




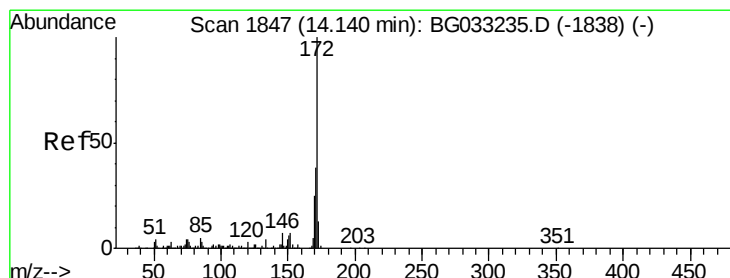
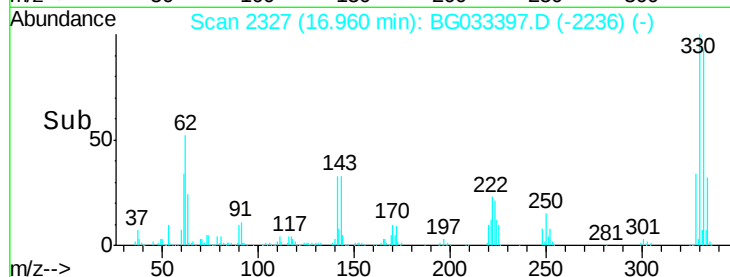
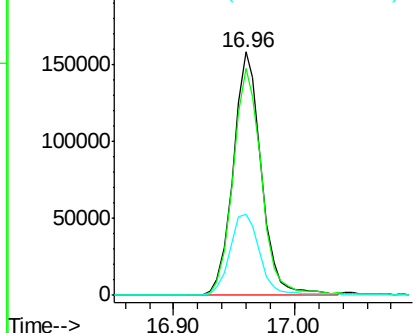
#41
 2,4,6-Tribromophenol
 Concen: 122.775 ng
 RT: 16.96 min Scan# 2327
 Delta R.T. 0.00 min
 Lab File: BG033397.D
 Acq: 28 Mar 2018 22:06

Instrument :
 BNA_G
 ClientSampled :
 LIP-16

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.9	77.0	115.6
141	35.6	25.2	37.8

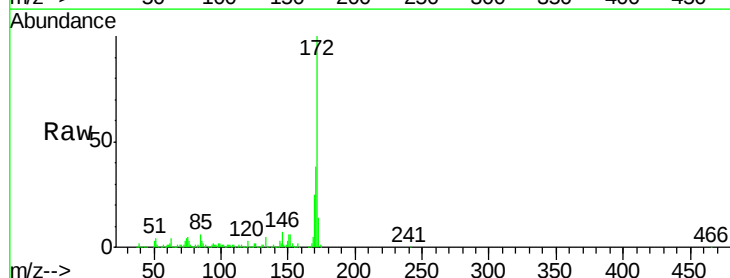


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

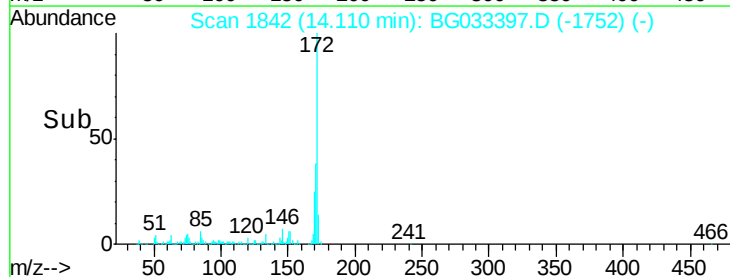
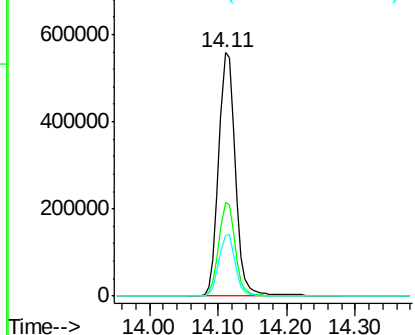


#44
 2-Fluorobiphenyl
 Concen: 97.868 ng
 RT: 14.11 min Scan# 1842
 Delta R.T. -0.00 min
 Lab File: BG033397.D
 Acq: 28 Mar 2018 22:06

Tgt Ion	Ratio	Lower	Upper
172	100		
171	38.3	30.0	45.0
170	25.1	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: 2.168 ng

RT: 14.90 min Scan# 1977

Delta R.T. -0.01 min

Lab File: BG033397.D

Acq: 28 Mar 2018 22:06

Instrument :

BNA_G

ClientSampleId :

LIP-16

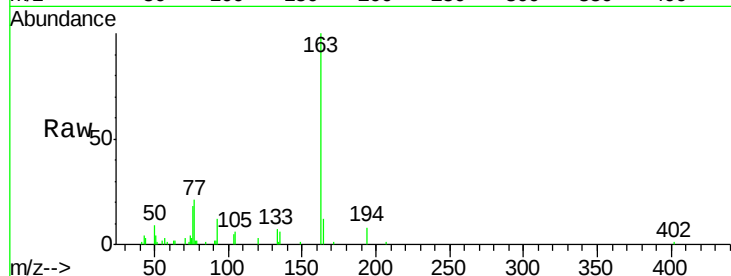
Tot Ion:163 Resp: 26394

Ion Ratio Lower Upper

163 100

194 8.3 3.4 5.2#

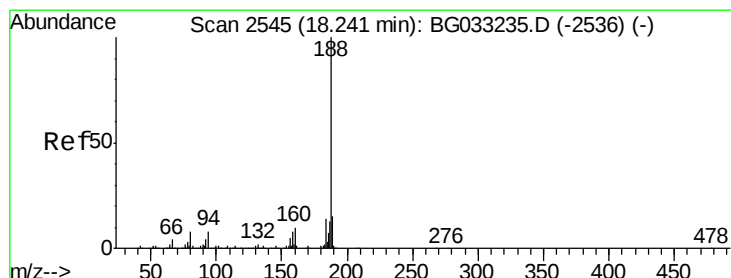
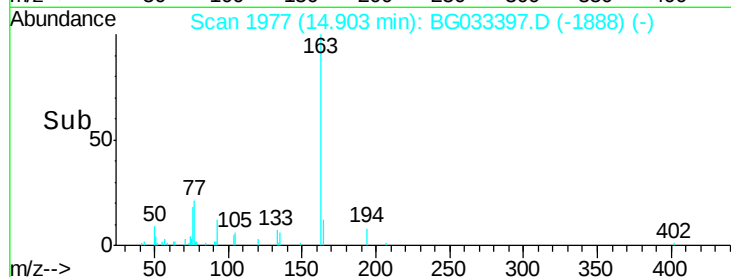
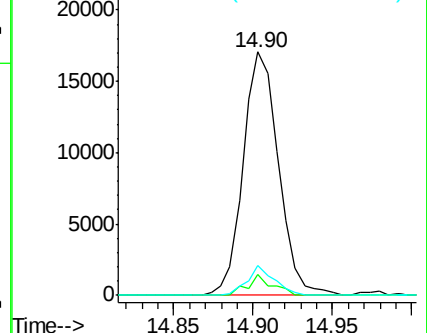
164 12.1 8.2 12.4



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# 2540

Delta R.T. -0.00 min

Lab File: BG033397.D

Acq: 28 Mar 2018 22:06

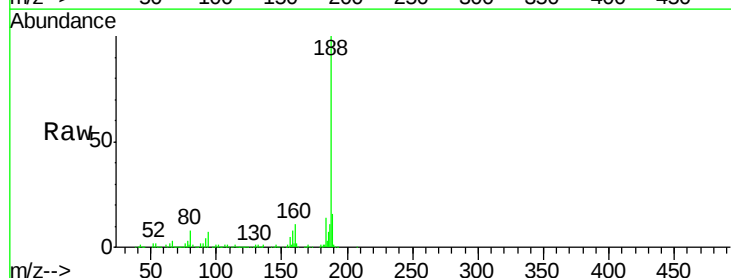
Tgt Ion:188 Resp: 327450

Ion Ratio Lower Upper

188 100

94 7.0 6.9 10.3

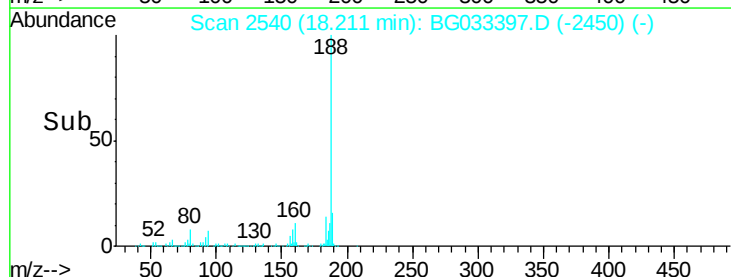
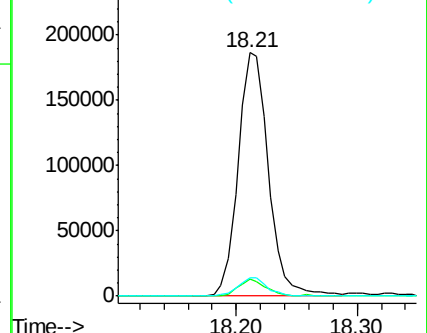
80 7.8 7.7 11.5

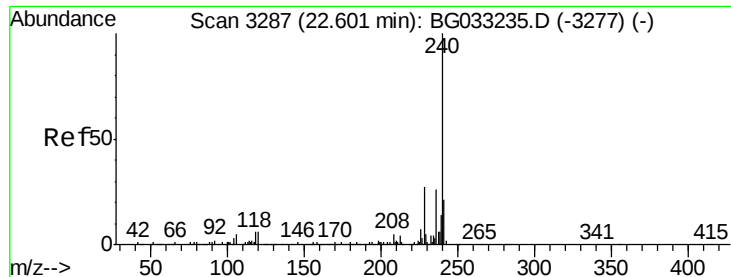


Abundance Ion 188.00 (187.70 to 188.70): E

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: BG033397.D

Acq: 28 Mar 2018 22:06

Instrument :

BNA_G

ClientSampleId :

LIP-16

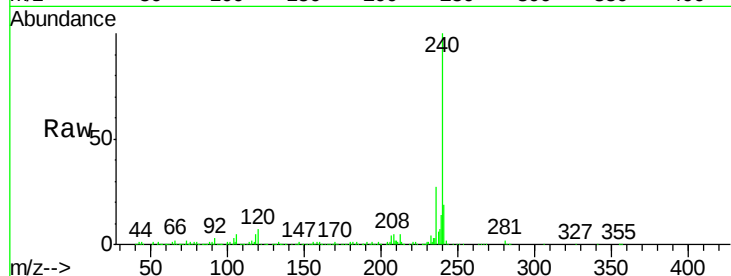
Tot Ion:240 Resp: 339405

Ion Ratio Lower Upper

240 100

120 7.0 6.8 10.2

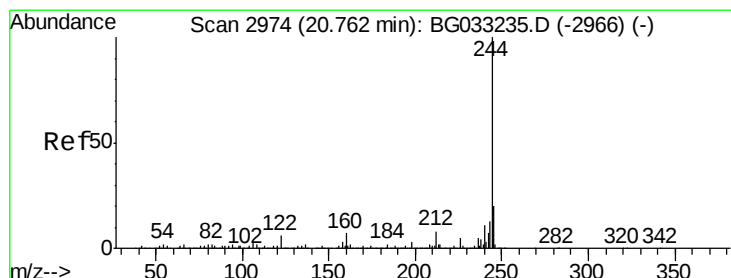
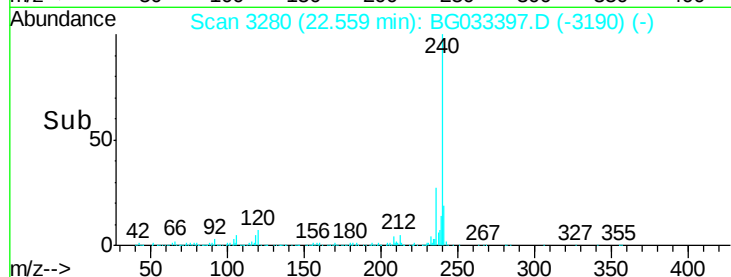
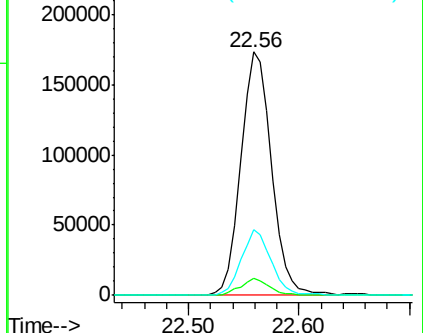
236 27.2 20.9 31.3



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: 95.774 ng

RT: 20.74 min Scan# 2970

Delta R.T. 0.00 min

Lab File: BG033397.D

Acq: 28 Mar 2018 22:06

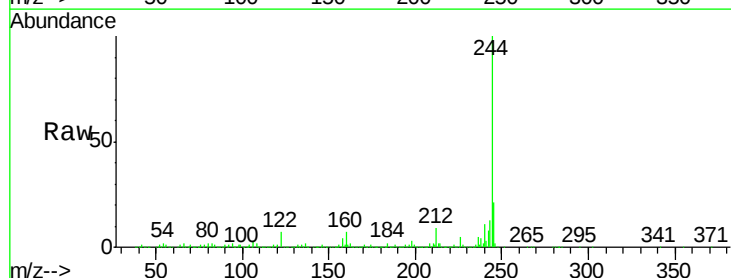
Tgt Ion:244 Resp: 1519974

Ion Ratio Lower Upper

244 100

212 8.6 5.8 8.8

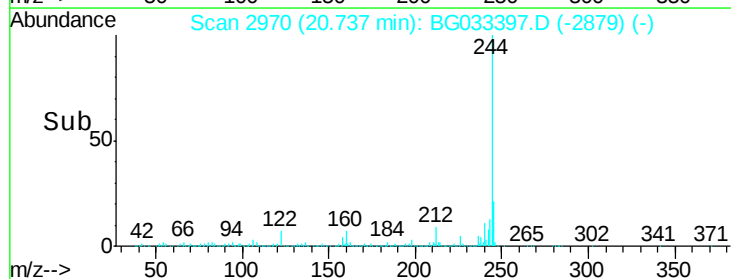
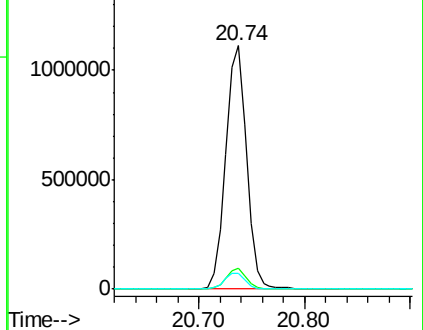
122 6.6 7.0 10.4#



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

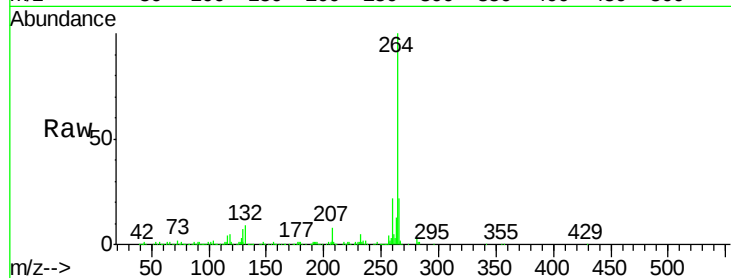




#86
Pervlene-d12
Concen: 20.000 ng
RT: 26.33 min Scan# 3922
Delta R.T. -0.00 min
Lab File: BG033397.D
Acq: 28 Mar 2018 22:06

Instrument :
BNA_G
ClientSampleId :
LIP-16

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

