

Data Path : Z:\HPCHEM1\BNA G\DATA\BG121417\
 Data File : BG031588.D
 Acq On : 15 Dec 2017 10:14
 Operator : SJ/JU
 Sample : I6830-02
 Misc :
 ALS Vial : 27 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Dec 15 11:21:38 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG121117.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Dec 11 17:25:55 2017
 Response via : Initial Calibration

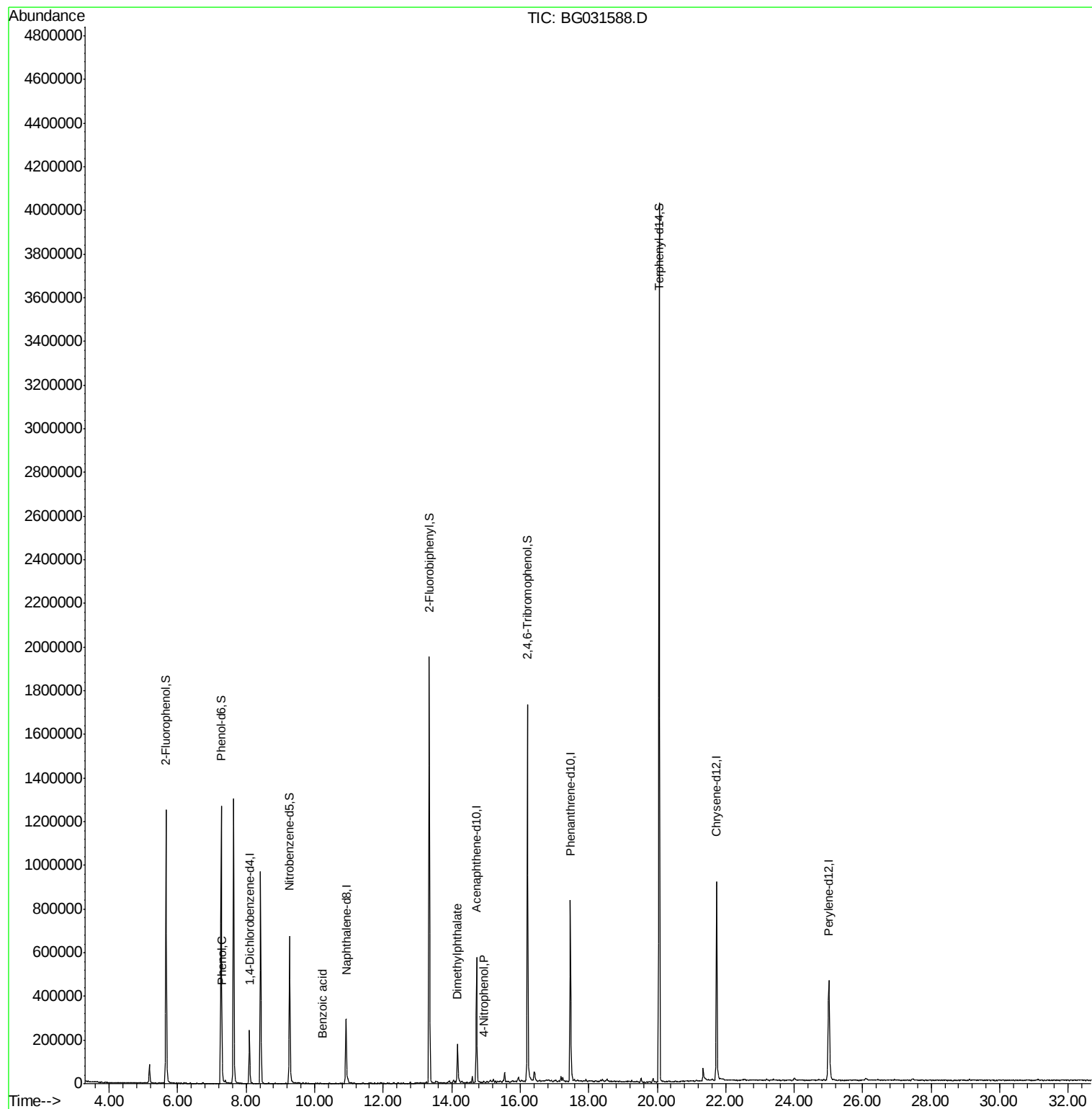
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.10	152	76532	20.00	ng	-0.01
21) Naphthalene-d8	10.92	136	322918	20.00	ng	0.00
38) Acenaphthene-d10	14.72	164	211762	20.00	ng	-0.01
63) Phenanthrene-d10	17.47	188	537724	20.00	ng	-0.01
75) Chrysene-d12	21.73	240	627005	20.00	ng	-0.02
86) Perylene-d12	25.01	264	549320	20.00	ng	-0.02
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	644615	149.30	ng	0.00
7) Phenol-d6	7.27	99	807259	134.68	ng	0.00
23) Nitrobenzene-d5	9.27	82	457722	87.37	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	356417	143.67	ng	-0.01
44) 2-Fluorobiphenyl	13.35	172	1145254	79.39	ng	0.00
78) Terphenyl-d14	20.06	244	2015049	73.12	ng	-0.01
Target Compounds						
10) Phenol	7.30	94	33465	5.435	ng	96
32) Benzoic acid	10.25	122	65	6.982	ng	# 1
49) Dimethylphthalate	14.17	163	150069	8.560	ng	97
55) 4-Nitrophenol	14.95	139	220	3.624	ng	# 61

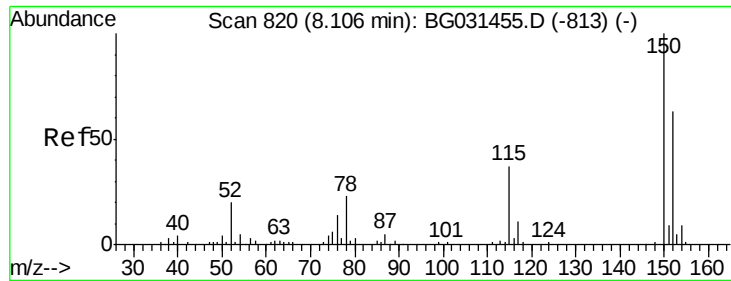
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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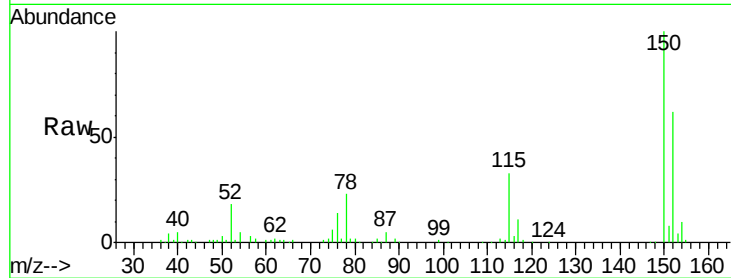


#1

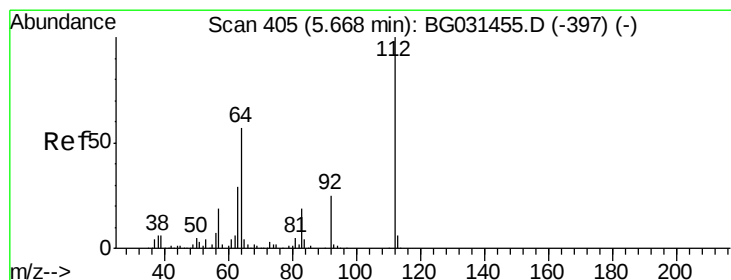
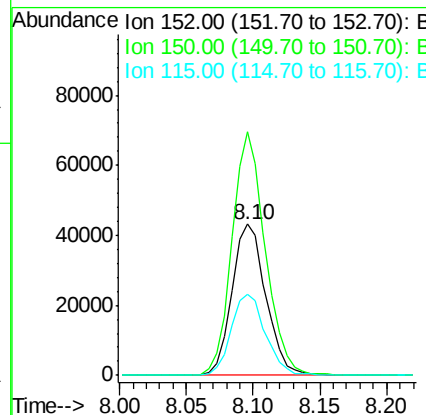
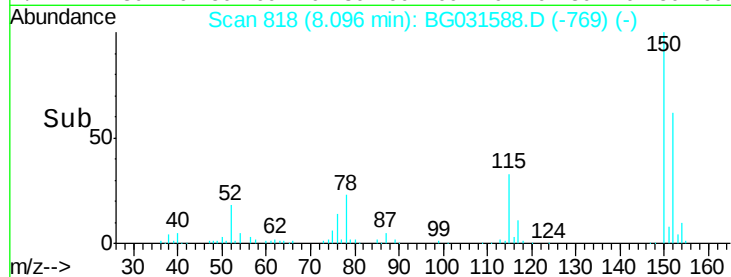
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 818
Delta R.T. -0.01 min
Lab File: BG031588.D
Acq: 15 Dec 2017 10:14

Instrument :
BNA_G
ClientSampled :

Tot Ion:152 Resp: 76532
Ion Ratio Lower Upper
152 100
150 161.0 126.6 189.8
115 53.5 53.0 79.4



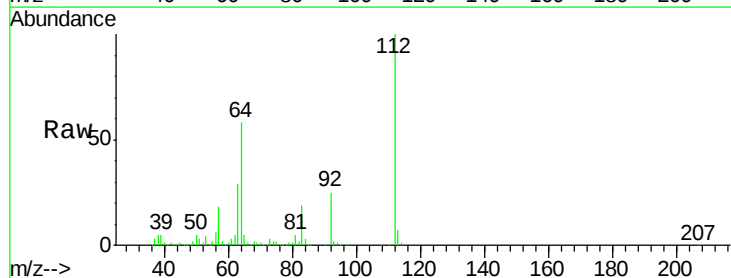
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



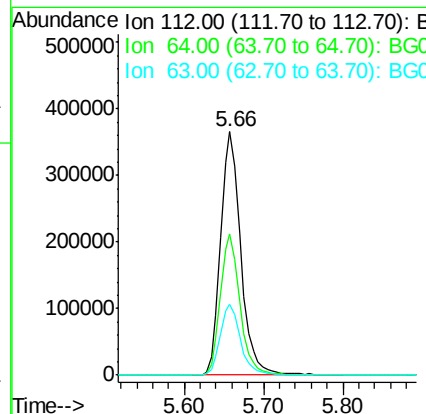
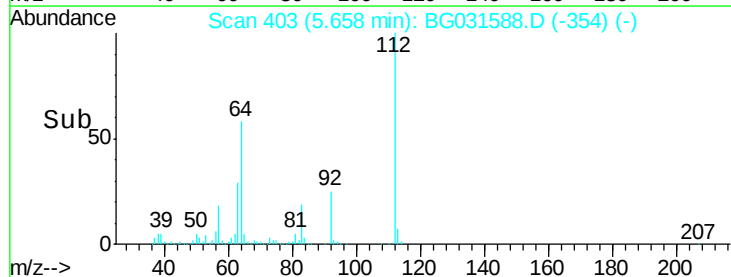
#5

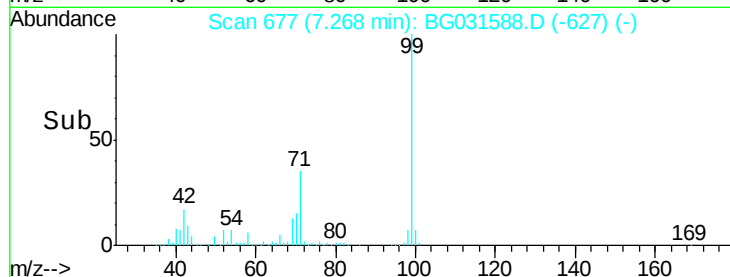
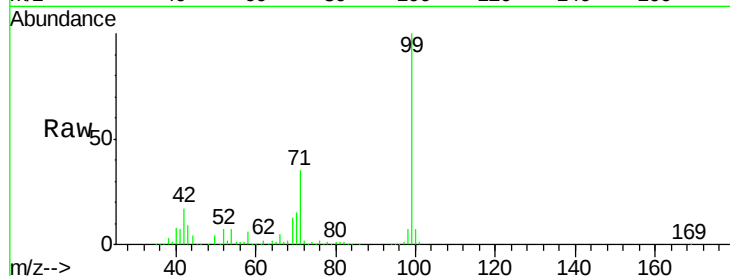
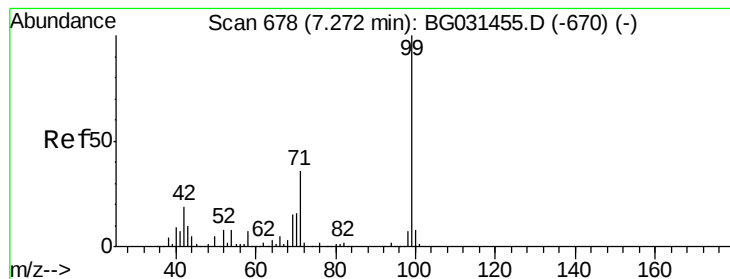
2-Fluorophenol
Concen: 149.296 ng
RT: 5.66 min Scan# 403
Delta R.T. -0.01 min
Lab File: BG031588.D
Acq: 15 Dec 2017 10:14

Tgt Ion:112 Resp: 644615
Ion Ratio Lower Upper
112 100
64 58.1 56.3 84.5
63 29.2 30.1 45.1#



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 134.678 ng

RT: 7.27 min Scan# 677

Delta R.T. -0.00 min

Lab File: BG031588.D

Acq: 15 Dec 2017 10:14

Instrument :

BNA_G

ClientSampleId :

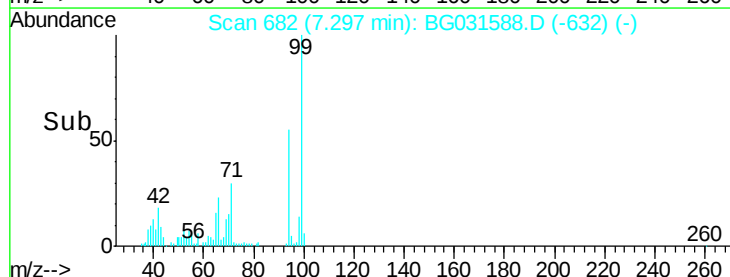
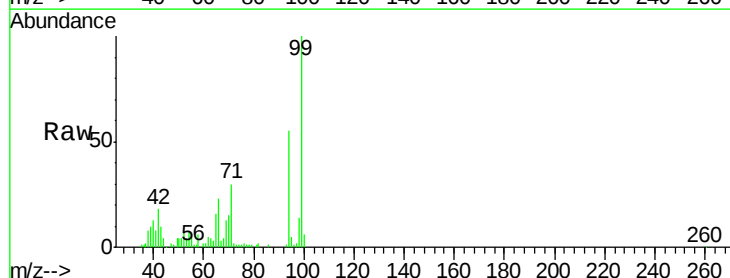
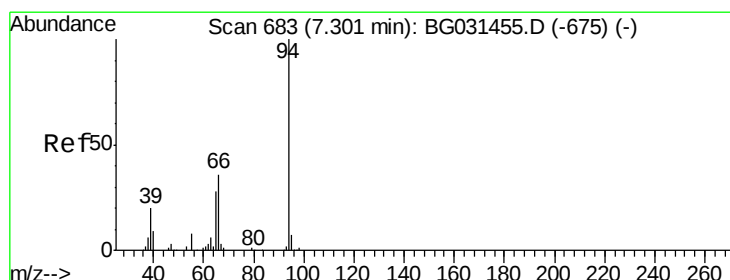
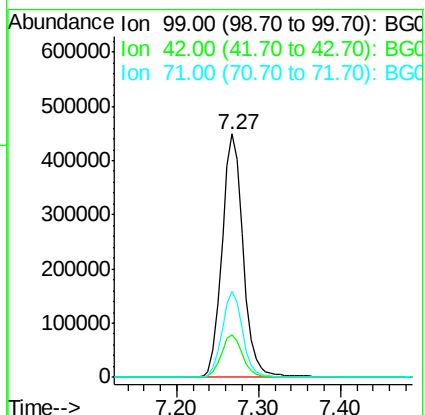
Tot Ion: 99 Resp: 807259

Ion Ratio Lower Upper

99 100

42 17.5 14.1 21.1

71 35.2 26.1 39.1



#10

Phenol

Concen: 5.435 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.00 min

Lab File: BG031588.D

Acq: 15 Dec 2017 10:14

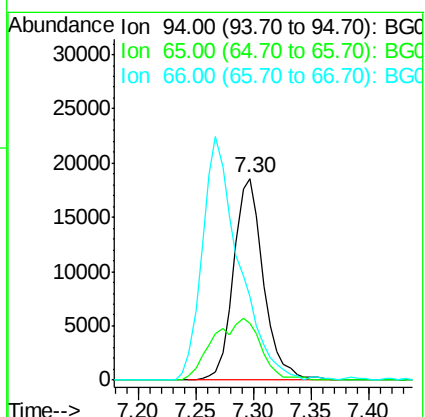
Tgt Ion: 94 Resp: 33465

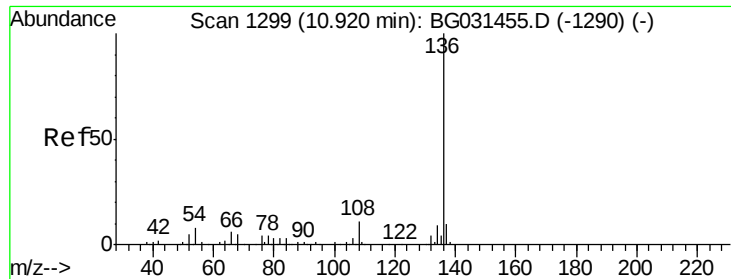
Ion Ratio Lower Upper

94 100

65 28.3 11.9 51.9

66 41.2 22.2 62.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.92 min Scan# 1298

Delta R.T. -0.00 min

Lab File: BG031588.D

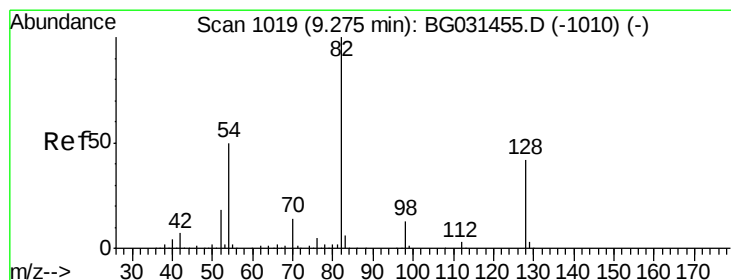
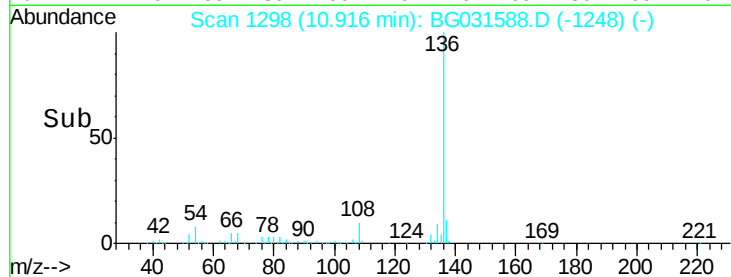
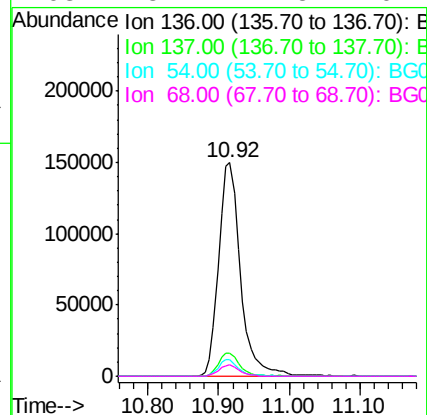
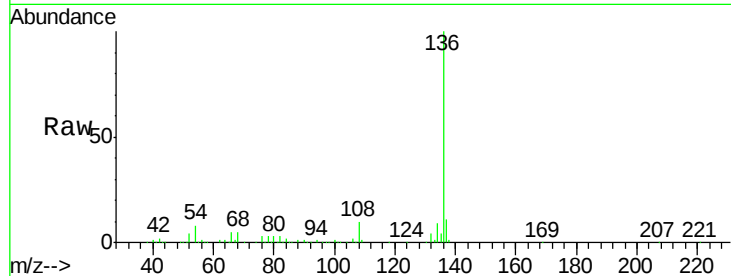
Acq: 15 Dec 2017 10:14

Instrument :

BNA_G

ClientSampleId :

Tot Ion:136	Resp:	322918
Ion	Ratio	Lower Upper
136	100	
137	10.8	9.2 13.8
54	7.7	10.3 15.5#
68	5.2	4.5 6.7



#23

Nitrobenzene-d5

Concen: 87.367 ng

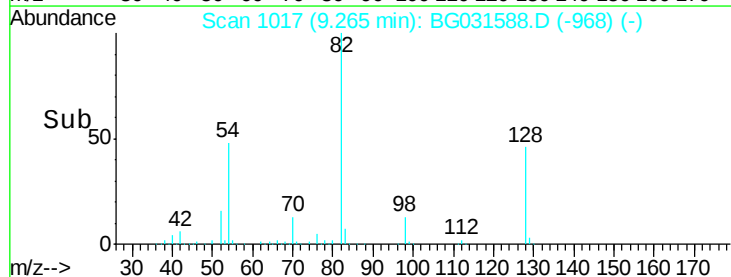
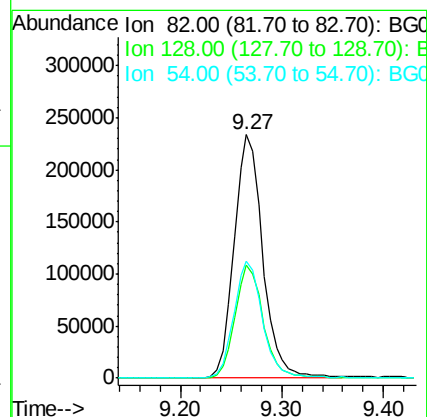
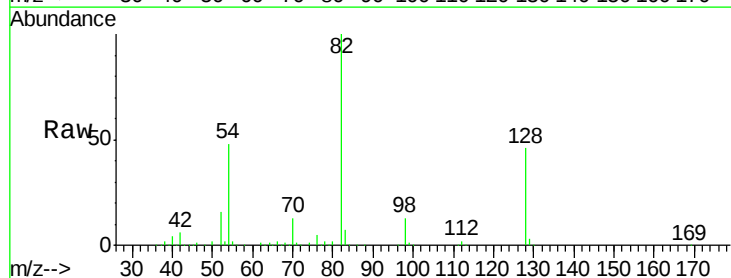
RT: 9.27 min Scan# 1017

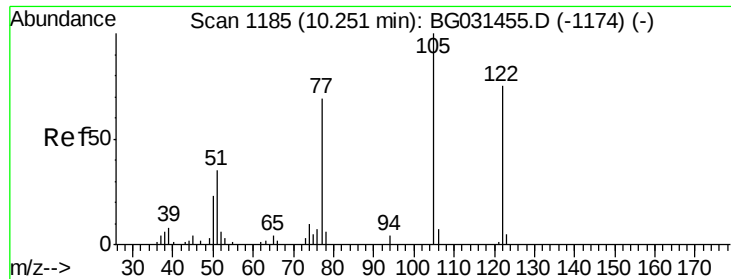
Delta R.T. -0.01 min

Lab File: BG031588.D

Acq: 15 Dec 2017 10:14

Tgt Ion: 82	Resp:	457722
Ion	Ratio	Lower Upper
82	100	
128	46.2	29.7 44.5#
54	48.1	43.1 64.7

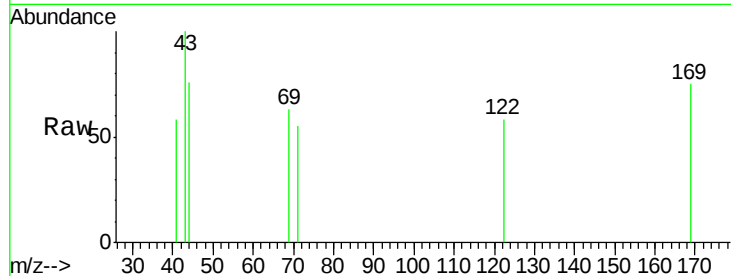




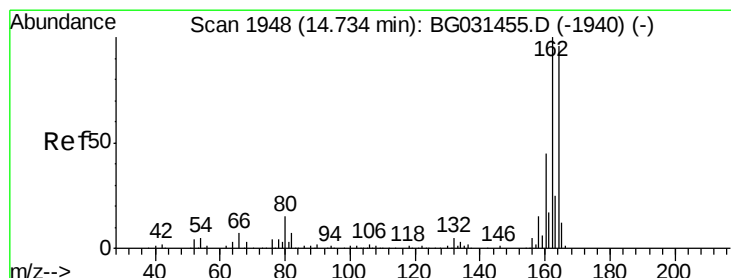
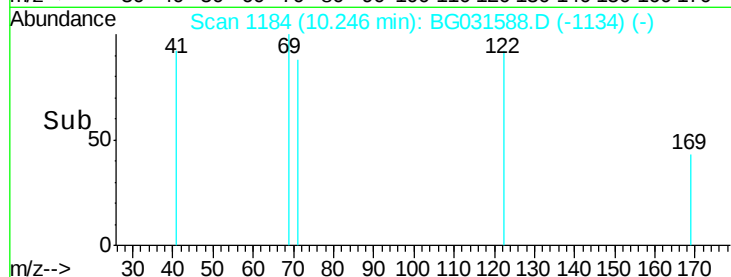
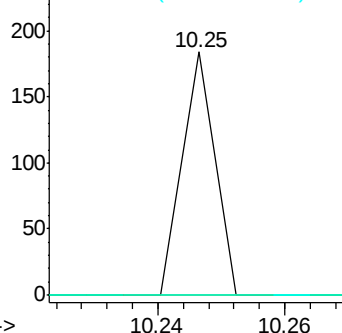
#32
Benzoic acid
Concen: 6.982 ng
RT: 10.25 min Scan# 1184
Delta R.T. -0.00 min
Lab File: BG031588.D
Acq: 15 Dec 2017 10:14

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 65
Ion Ratio Lower Upper
122 100
105 0.0 123.5 163.5#
77 0.0 85.7 125.7#

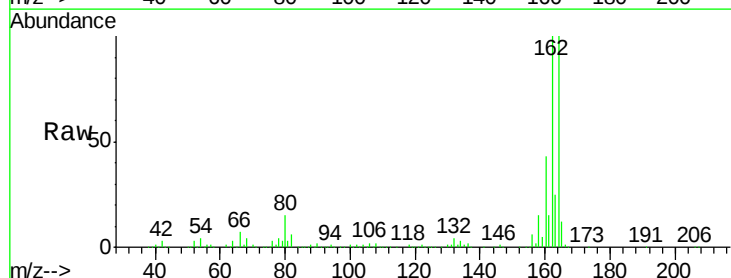


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): B

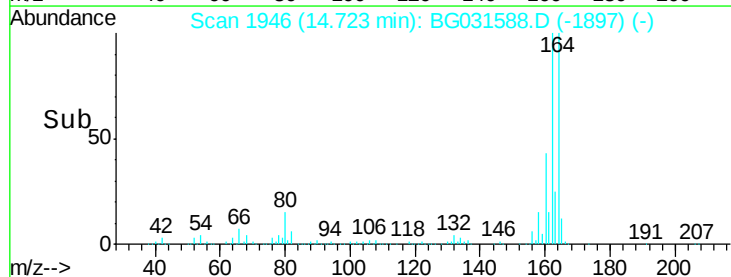
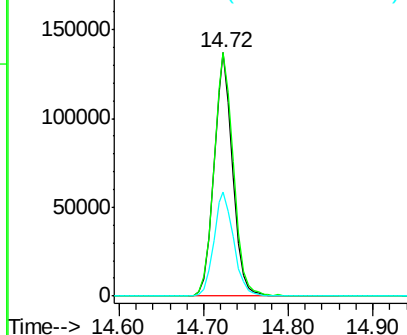


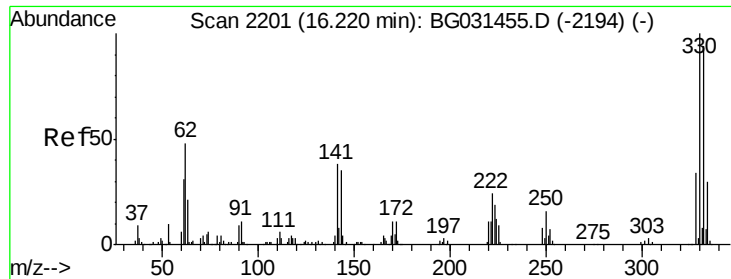
#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.72 min Scan# 1946
Delta R.T. -0.01 min
Lab File: BG031588.D
Acq: 15 Dec 2017 10:14

Tgt Ion:164 Resp: 211762
Ion Ratio Lower Upper
164 100
162 100.1 78.8 118.2
160 42.6 35.4 53.0



Abundance Ion 164.00 (163.70 to 164.70): E
Ion 162.00 (161.70 to 162.70): E
Ion 160.00 (159.70 to 160.70): E

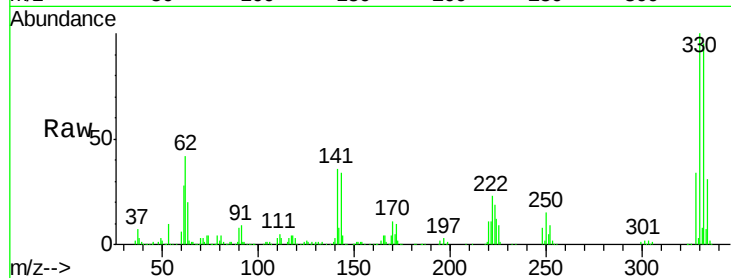




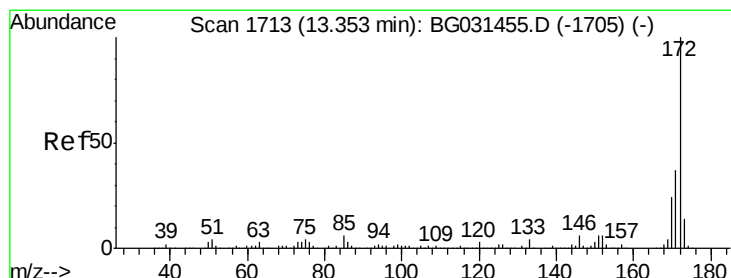
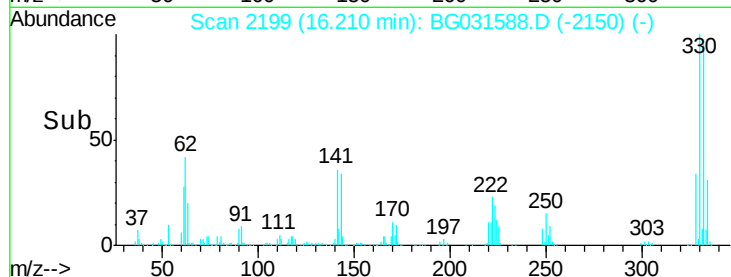
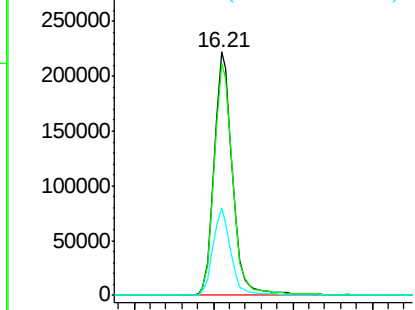
#41
 2,4,6-Tribromophenol
 Concen: 143.666 ng
 RT: 16.21 min Scan# 2199
 Delta R.T. -0.01 min
 Lab File: BG031588.D
 Acq: 15 Dec 2017 10:14

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 356417
 Ion Ratio Lower Upper
 330 100
 332 96.0 77.0 115.6
 141 35.4 25.2 37.8

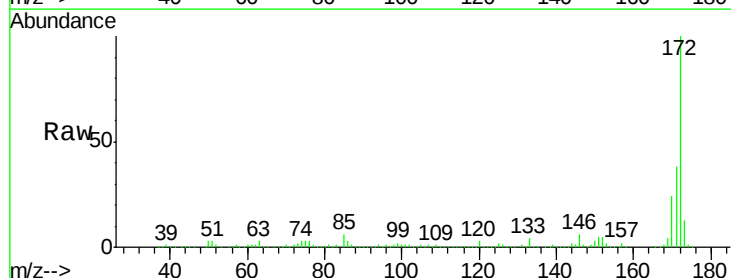


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

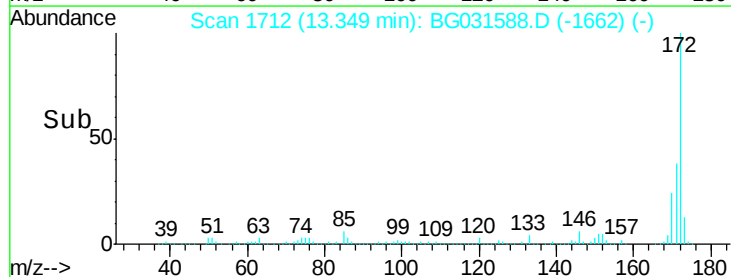
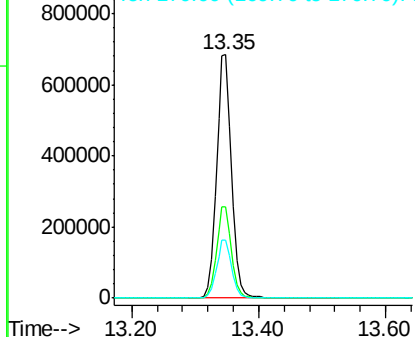


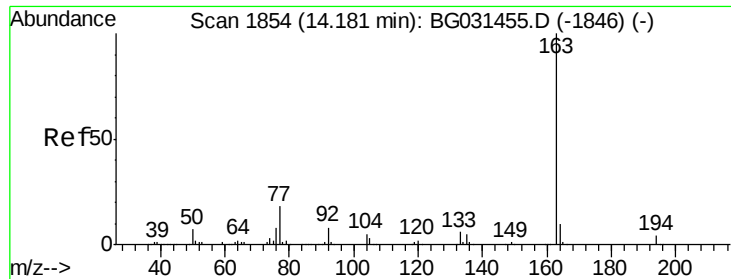
#44
 2-Fluorobiphenyl
 Concen: 79.386 ng
 RT: 13.35 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG031588.D
 Acq: 15 Dec 2017 10:14

Tgt Ion:172 Resp: 1145254
 Ion Ratio Lower Upper
 172 100
 171 37.5 30.0 45.0
 170 23.7 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: 8.560 ng

RT: 14.17 min Scan# 1852

Delta R.T. -0.01 min

Lab File: BG031588.D

Acq: 15 Dec 2017 10:14

Instrument :

BNA_G

ClientSampled :

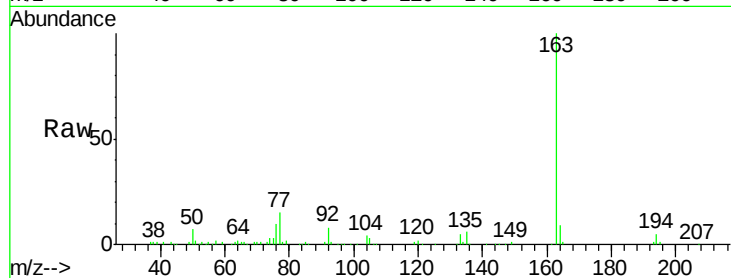
Tot Ion:163 Resp: 150069

Ion Ratio Lower Upper

163 100

194 5.0 3.4 5.2

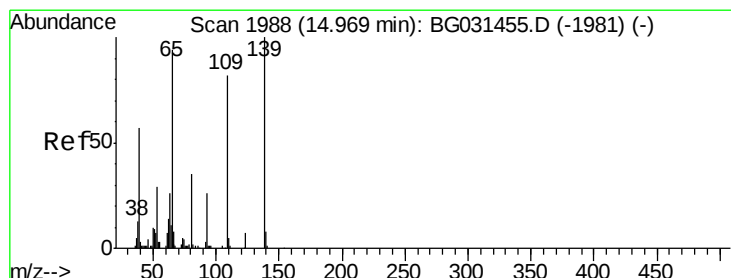
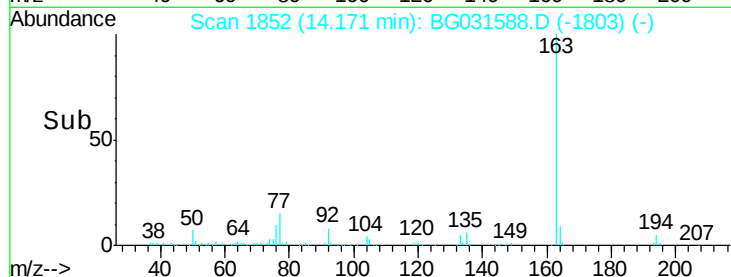
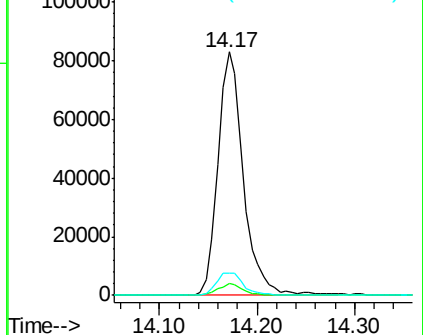
164 9.2 8.2 12.4



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



#55

4-Nitrophenol

Concen: 3.624 ng

RT: 14.95 min Scan# 1984

Delta R.T. -0.02 min

Lab File: BG031588.D

Acq: 15 Dec 2017 10:14

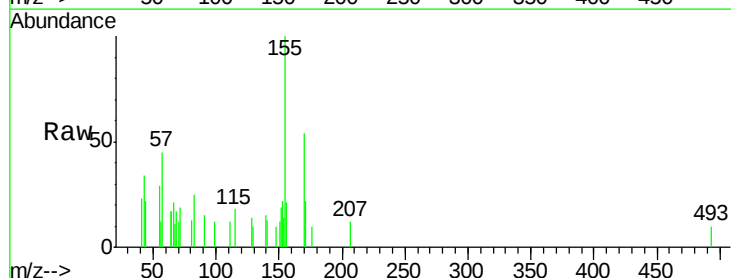
Tgt Ion:139 Resp: 220

Ion Ratio Lower Upper

139 100

109 0.0 62.2 102.2#

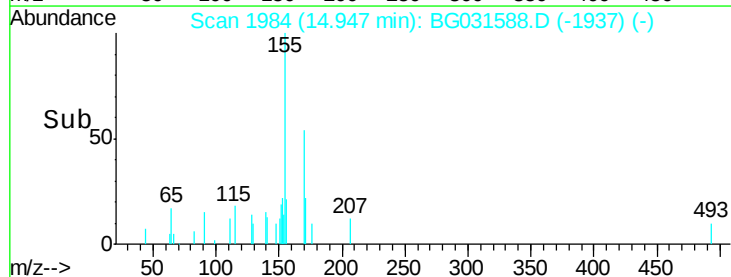
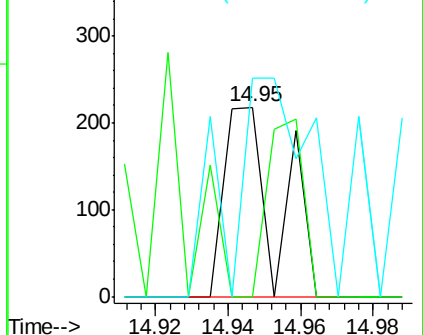
65 115.1 97.2 137.2

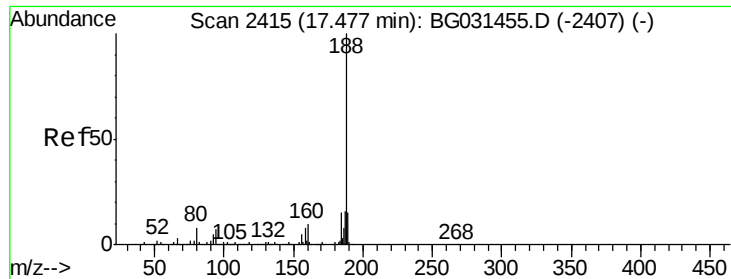


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

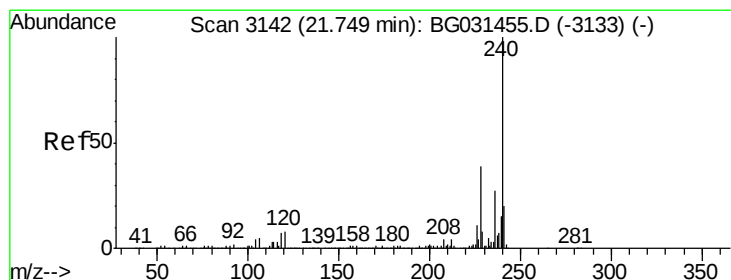
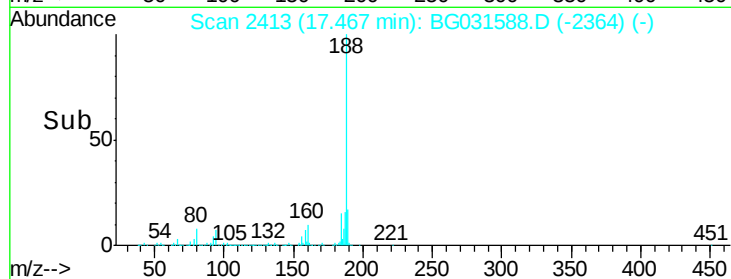
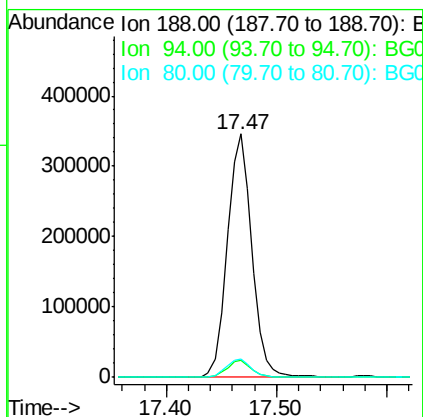
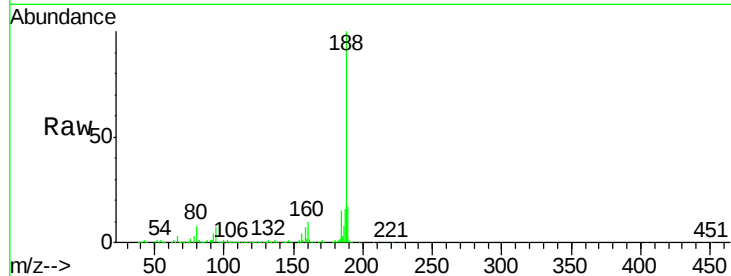




#63
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.47 min Scan# 2413
Delta R.T. -0.01 min
Lab File: BG031588.D
Acq: 15 Dec 2017 10:14

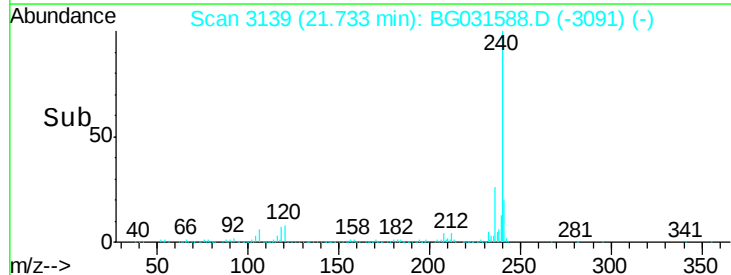
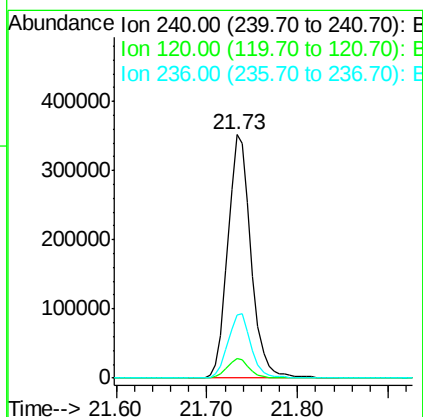
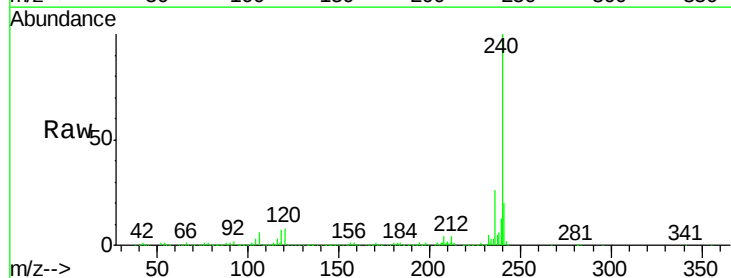
Instrument :
BNA_G
ClientSampleId :

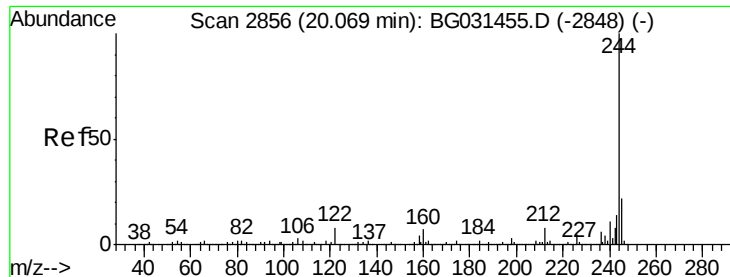
Tot Ion:188 Resp: 537724
Ion Ratio Lower Upper
188 100
94 7.1 6.9 10.3
80 7.6 7.7 11.5#



#75
Chrysene-d12
Concen: 20.000 ng
RT: 21.73 min Scan# 3139
Delta R.T. -0.02 min
Lab File: BG031588.D
Acq: 15 Dec 2017 10:14

Tgt Ion:240 Resp: 627005
Ion Ratio Lower Upper
240 100
120 8.3 6.8 10.2
236 25.8 20.9 31.3





#78

Terphenyl-d14

Concen: 73.118 ng

RT: 20.06 min Scan# 2854

Delta R.T. -0.01 min

Lab File: BG031588.D

Acq: 15 Dec 2017 10:14

Instrument :

BNA_G

ClientSampleId :

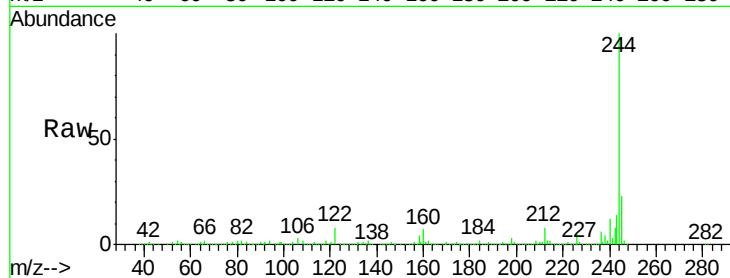
Tot Ion:244 Resp: 2015049

Ion Ratio Lower Upper

244 100

212 8.5 5.8 8.8

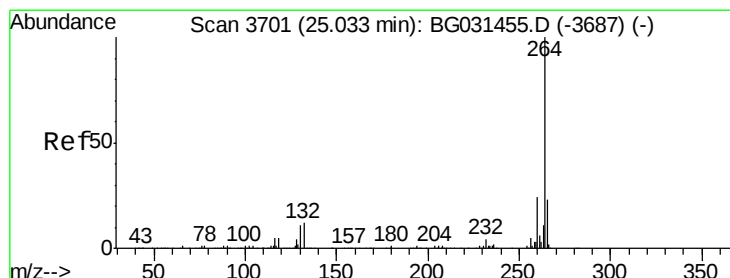
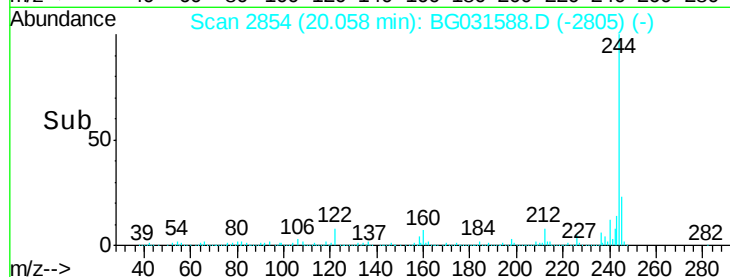
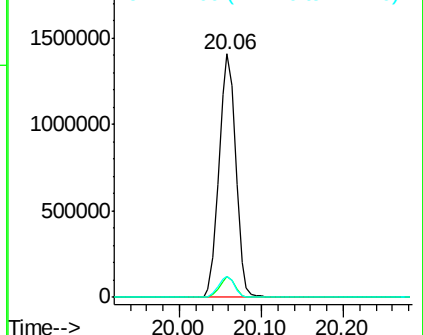
122 8.5 7.0 10.4



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: 25.01 min Scan# 3697

Delta R.T. -0.02 min

Lab File: BG031588.D

Acq: 15 Dec 2017 10:14

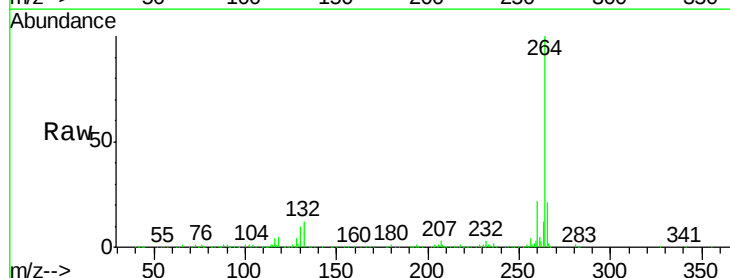
Tgt Ion:264 Resp: 549320

Ion Ratio Lower Upper

264 100

260 22.5 17.4 26.0

265 21.5 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

