

Data Path : Z:\HPCHEM1\BNA G\DATA\BG101015\
 Data File : BG019137.D
 Acq On : 11 Oct 2015 3:33
 Operator : UM/NP
 Sample : G3929-11
 Misc :
 ALS Vial : 22 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 12 07:25:19 2015
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG101015.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 12 07:23:23 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	17203	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	73684	20.00	ng	0.00
38) Acenaphthene-d10	14.66	164	53792	20.00	ng	0.00
63) Phenanthrene-d10	17.40	188	136728	20.00	ng	0.00
75) Chrysene-d12	21.68	240	160540	20.00	ng	0.00
86) Perylene-d12	24.90	264	159184	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	52899	62.61	ng	0.00
7) Phenol-d6	7.19	99	49088	37.82	ng	0.00
23) Nitrobenzene-d5	9.19	82	147570	110.66	ng	0.00
41) 2,4,6-Tribromophenol	16.15	330	119416	162.91	ng	0.00
44) 2-Fluorobiphenyl	13.28	172	381947	109.18	ng	0.00
78) Terphenyl-d14	20.02	244	652442	107.35	ng	0.00

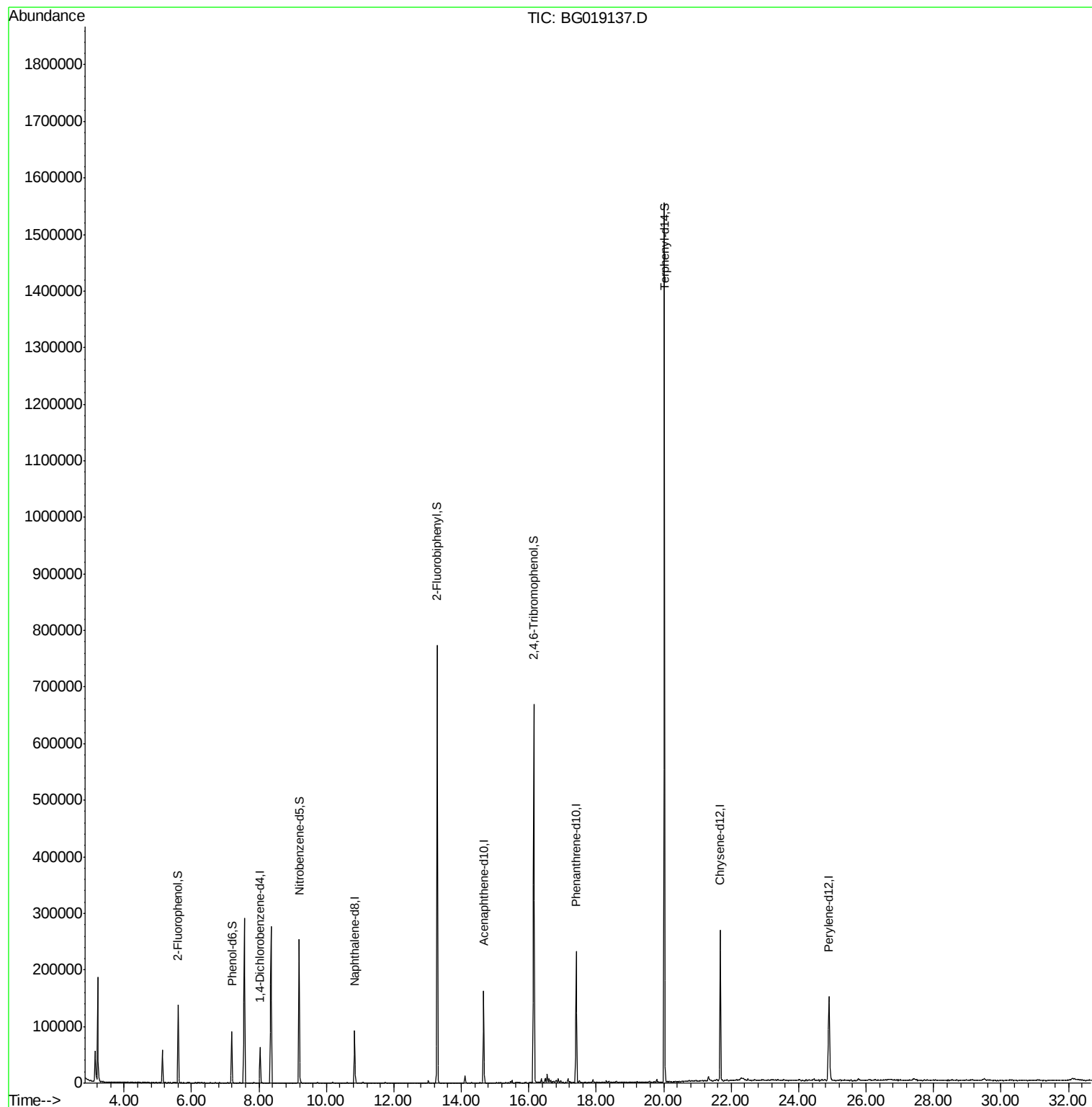
Target Compounds Qvalue

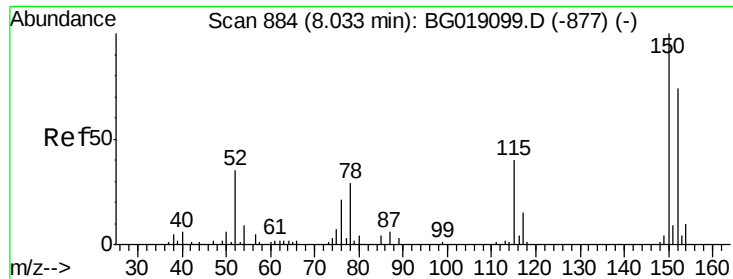
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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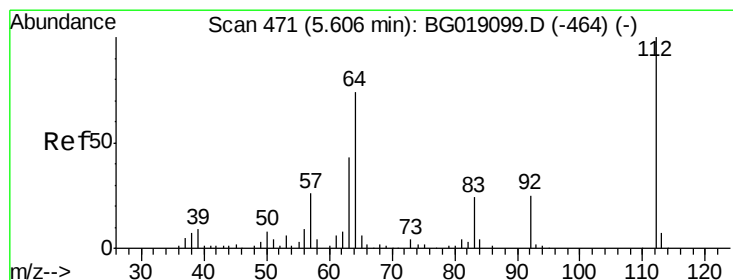
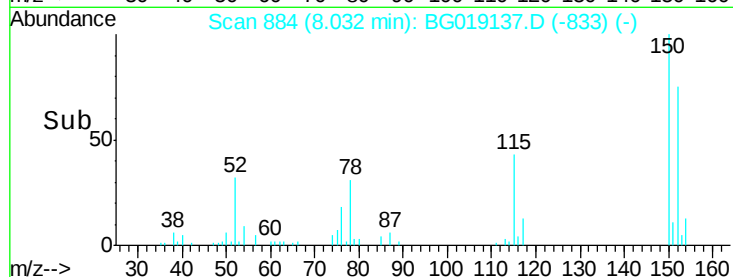
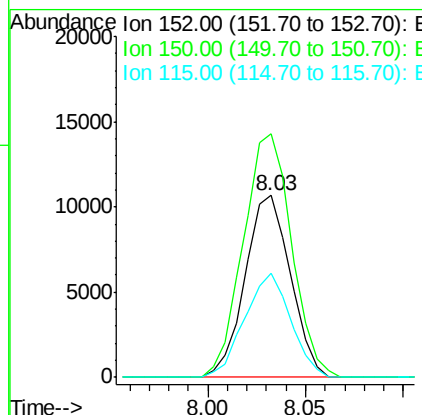
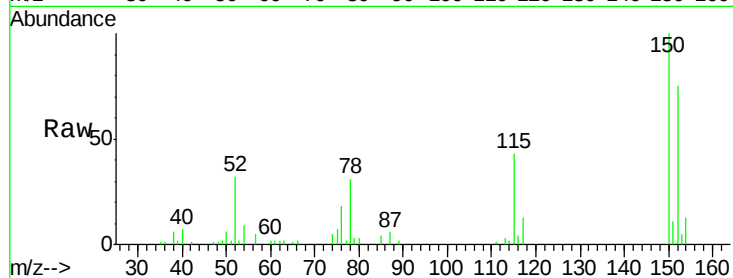




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.03 min Scan# 884
 Delta R.T. 0.00 min
 Lab File: BG019137.D
 Acq: 11 Oct 2015 3:33

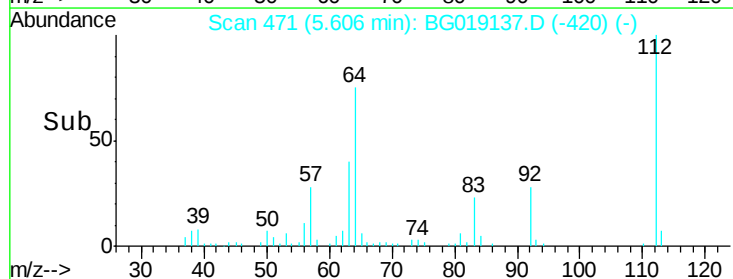
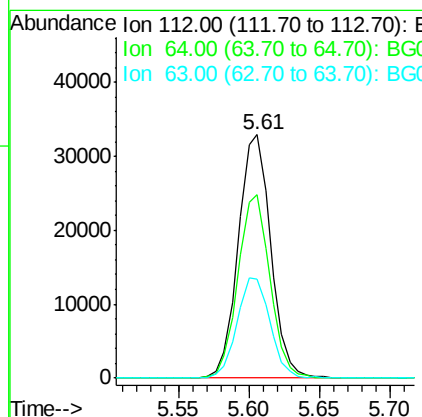
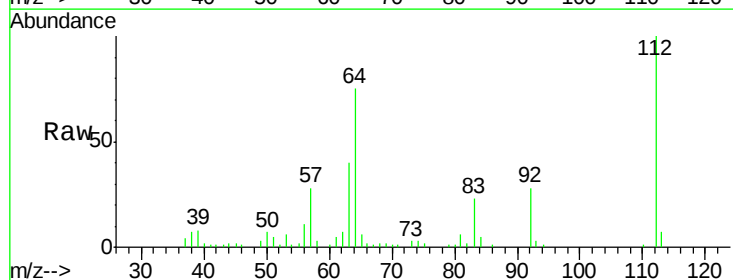
Instrument :
 BNA_G
 ClientSampleId :

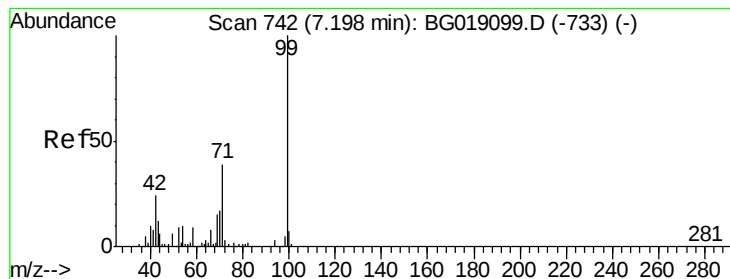
Tot Ion:152 Resp: 17203
 Ion Ratio Lower Upper
 152 100
 150 134.1 108.2 162.2
 115 57.2 43.2 64.8



#5
 2-Fluorophenol
 Concen: 62.61 ng
 RT: 5.61 min Scan# 471
 Delta R.T. 0.00 min
 Lab File: BG019137.D
 Acq: 11 Oct 2015 3:33

Tgt Ion:112 Resp: 52899
 Ion Ratio Lower Upper
 112 100
 64 75.2 59.0 88.4
 63 40.4 34.7 52.1





#7

Phenol-d6

Concen: 37.82 ng

RT: 7.19 min Scan# 741

Delta R.T. -0.00 min

Lab File: BG019137.D

Acq: 11 Oct 2015 3:33

Instrument :

BNA_G

ClientSampleId :

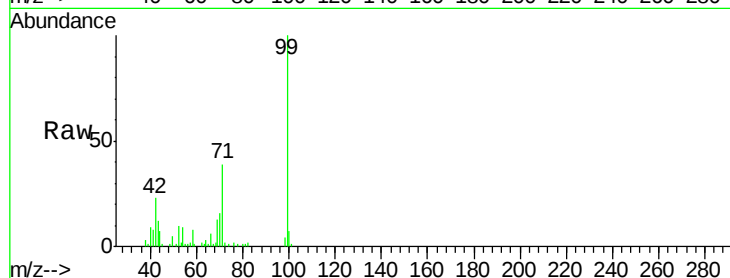
Tot Ion: 99 Resp: 49088

Ion Ratio Lower Upper

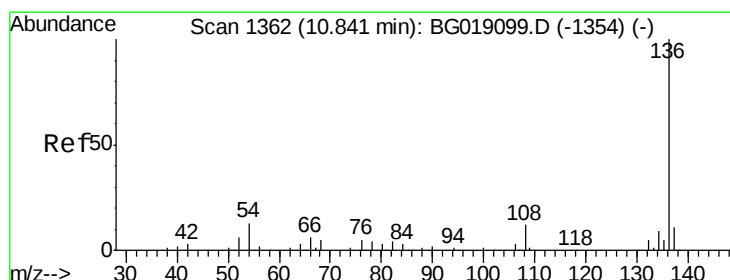
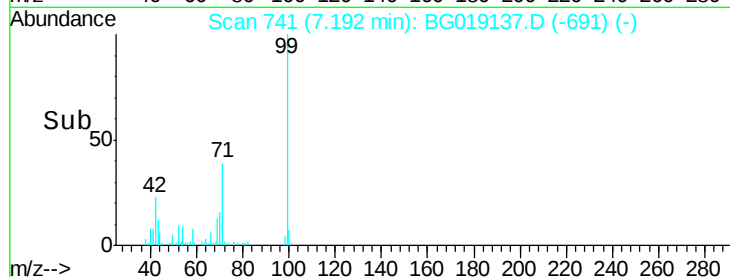
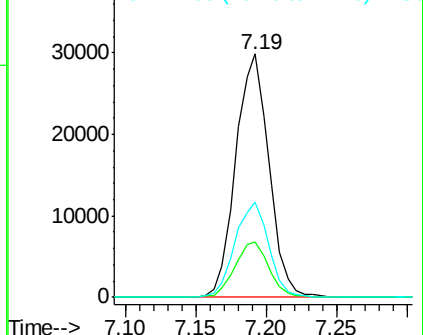
99 100

42 22.7 19.5 29.3

71 39.3 31.4 47.0



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: 20.00 ng

RT: 10.83 min Scan# 1361

Delta R.T. -0.00 min

Lab File: BG019137.D

Acq: 11 Oct 2015 3:33

Tgt Ion: 136 Resp: 73684

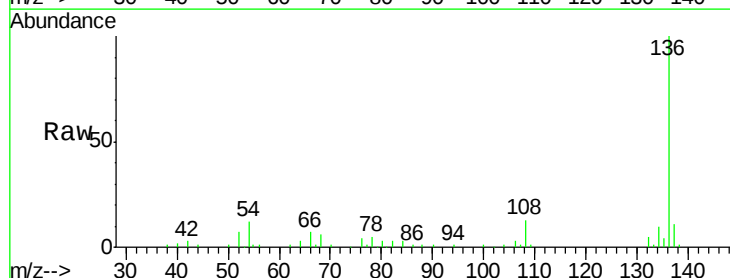
Ion Ratio Lower Upper

136 100

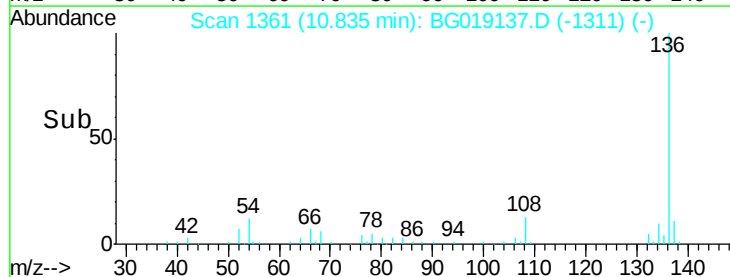
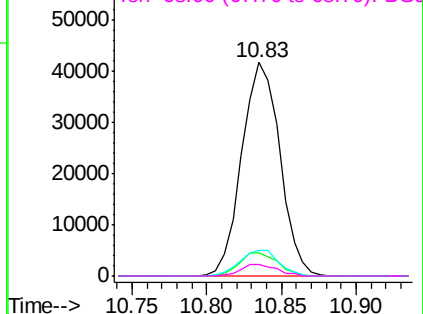
137 10.8 9.0 13.4

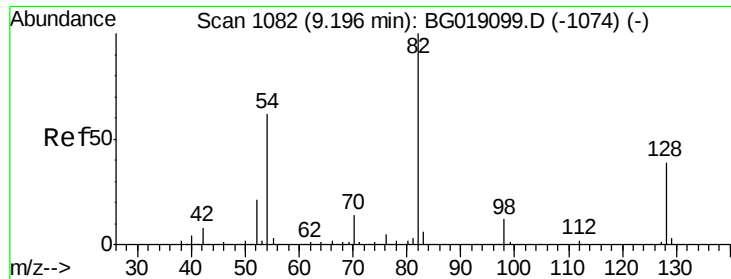
54 11.9 10.1 15.1

68 5.6 4.4 6.6



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

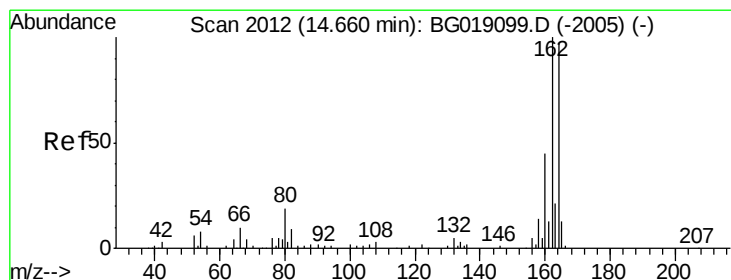
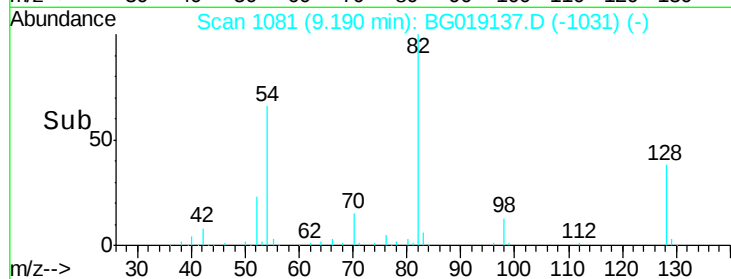
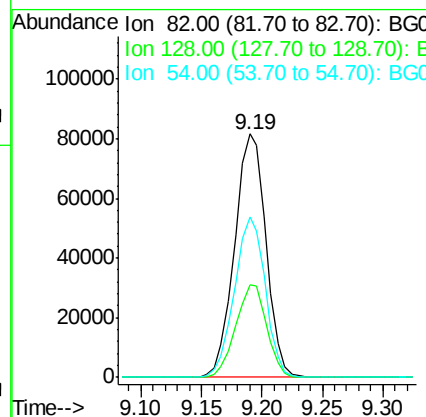
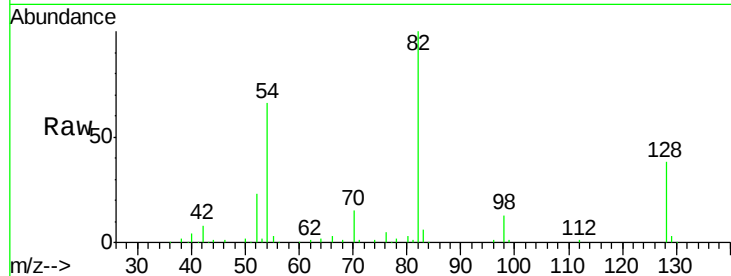




#23
 Nitrobenzene-d5
 Concen: 110.66 ng
 RT: 9.19 min Scan# 1081
 Delta R.T. -0.00 min
 Lab File: BG019137.D
 Acq: 11 Oct 2015 3:33

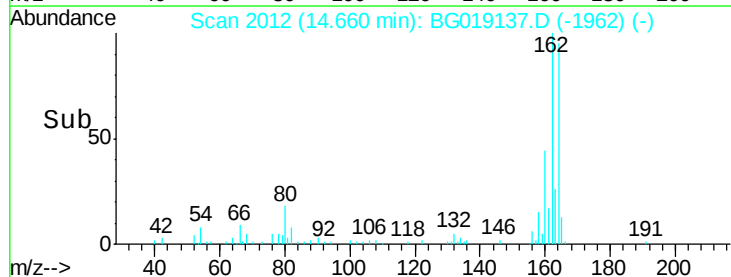
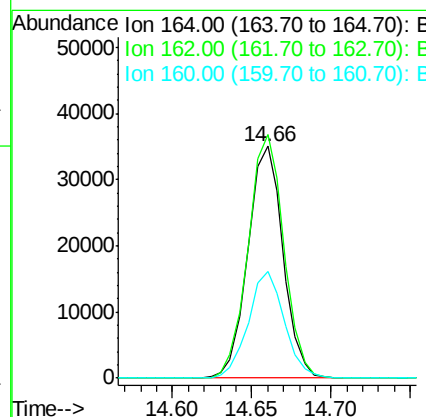
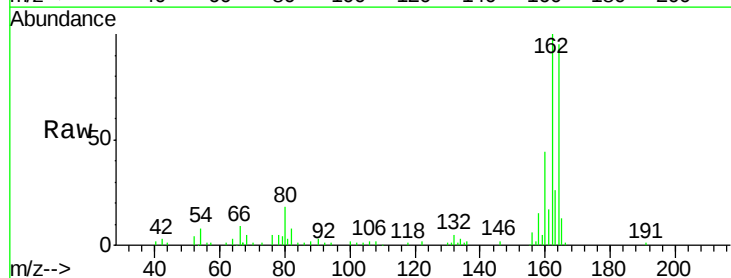
Instrument :
 BNA_G
 ClientSampled :

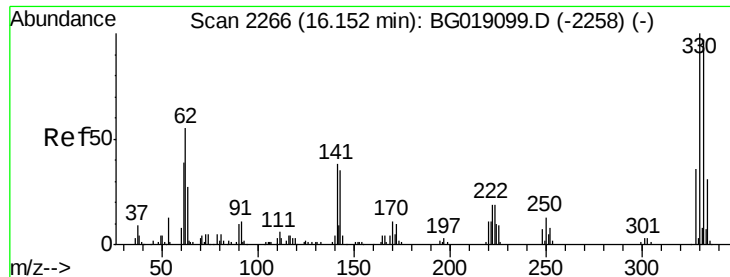
Tot Ion	82	Resp	147570
Ion Ratio	100	Lower	Upper
128	38.2	31.4	47.2
54	65.8	50.0	75.0



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.66 min Scan# 2012
 Delta R.T. -0.00 min
 Lab File: BG019137.D
 Acq: 11 Oct 2015 3:33

Tgt Ion	164	Resp	53792
Ion Ratio	100	Lower	Upper
162	105.0	82.6	124.0
160	45.8	36.9	55.3

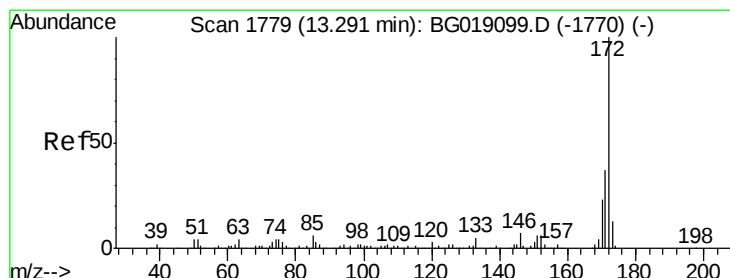
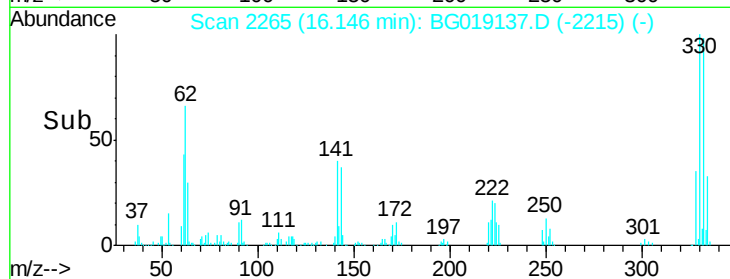
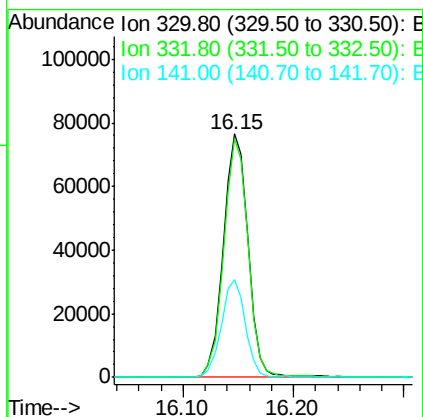
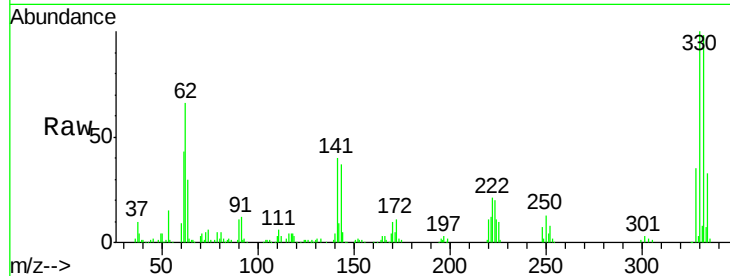




#41
 2,4,6-Tribromophenol
 Concen: 162.91 ng
 RT: 16.15 min Scan# 2265
 Delta R.T. -0.00 min
 Lab File: BG019137.D
 Acq: 11 Oct 2015 3:33

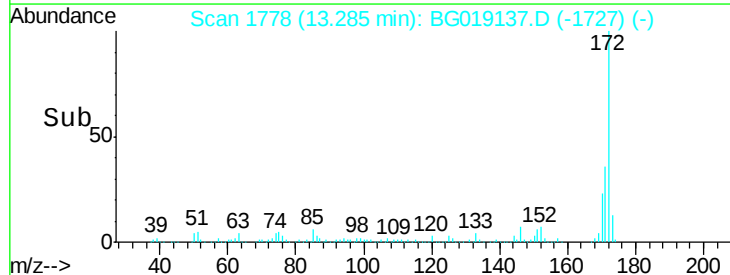
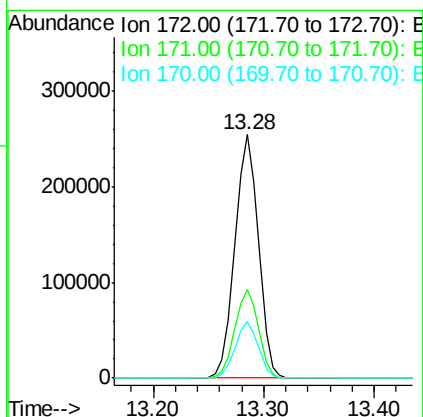
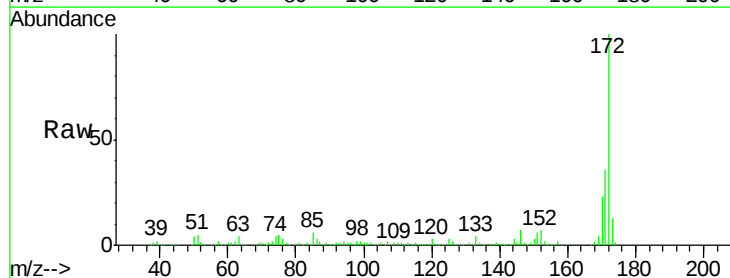
Instrument :
 BNA_G
 ClientSampleId :

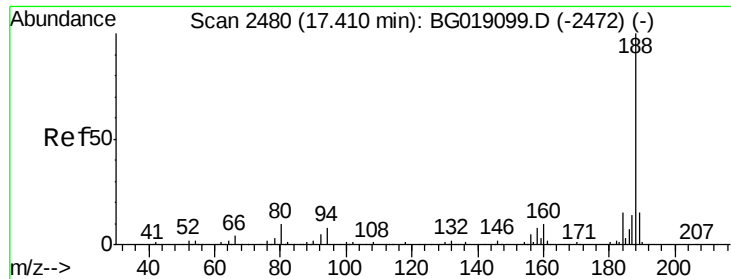
Tot Ion:330 Resp: 119416
 Ion Ratio Lower Upper
 330 100
 332 96.6 77.3 115.9
 141 38.8 30.7 46.1



#44
 2-Fluorobiphenyl
 Concen: 109.18 ng
 RT: 13.28 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG019137.D
 Acq: 11 Oct 2015 3:33

Tgt Ion:172 Resp: 381947
 Ion Ratio Lower Upper
 172 100
 171 36.4 29.9 44.9
 170 23.3 18.6 27.8

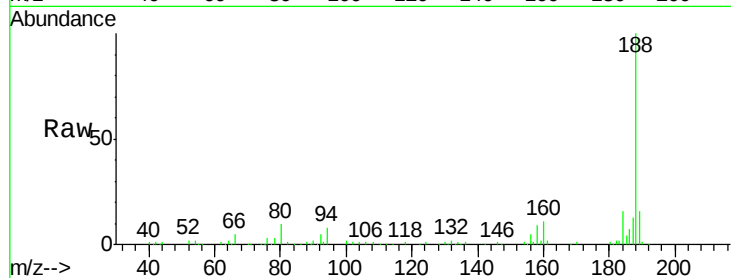




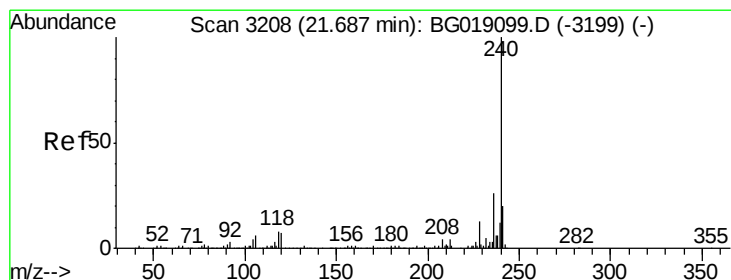
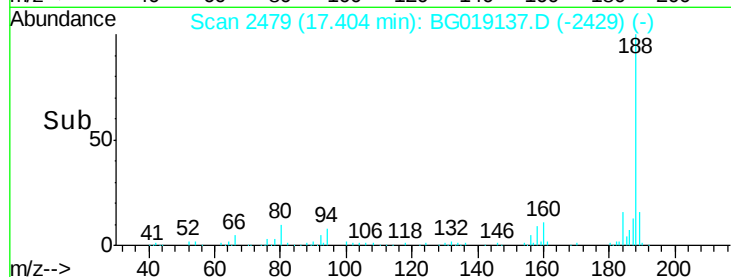
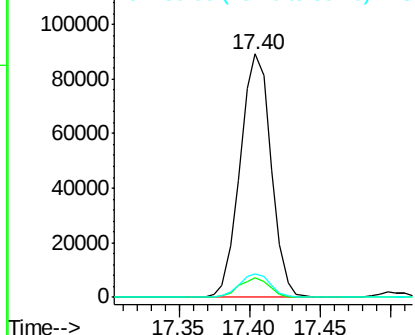
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.40 min Scan# 2479
Delta R.T. -0.00 min
Lab File: BG019137.D
Acq: 11 Oct 2015 3:33

Instrument :
BNA_G
ClientSampleId :

Tot Ion:188 Resp: 136728
Ion Ratio Lower Upper
188 100
94 8.0 6.4 9.6
80 9.7 7.6 11.4

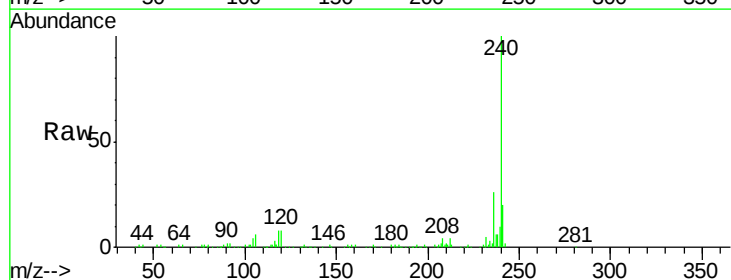


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

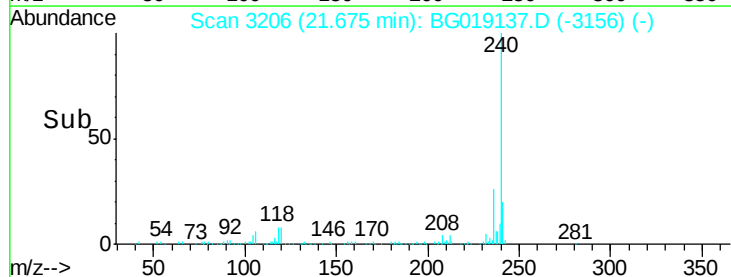
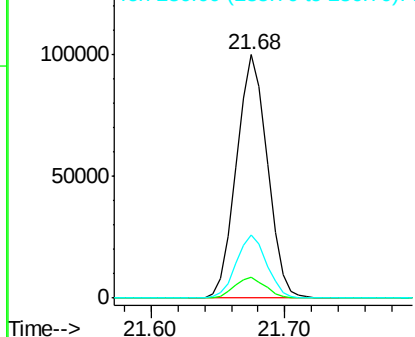


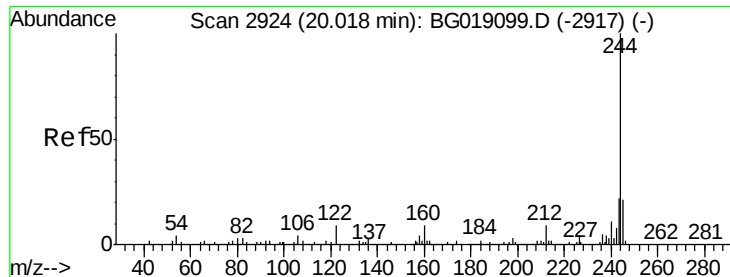
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.68 min Scan# 3206
Delta R.T. -0.00 min
Lab File: BG019137.D
Acq: 11 Oct 2015 3:33

Tgt Ion:240 Resp: 160540
Ion Ratio Lower Upper
240 100
120 8.5 5.8 8.6
236 26.0 21.2 31.8



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: 107.35 ng

RT: 20.02 min Scan# 2924

Delta R.T. 0.00 min

Lab File: BG019137.D

Acq: 11 Oct 2015 3:33

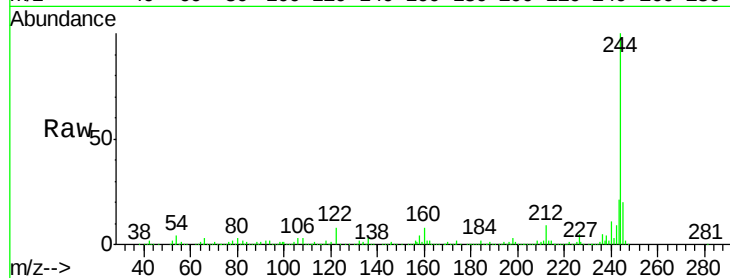
Instrument :

BNA_G

ClientSampleId :

Tot Ion:244 Resp: 652442

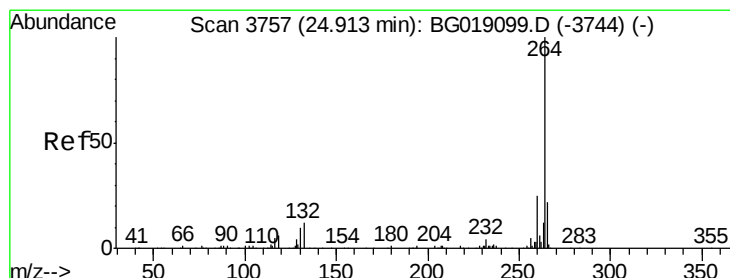
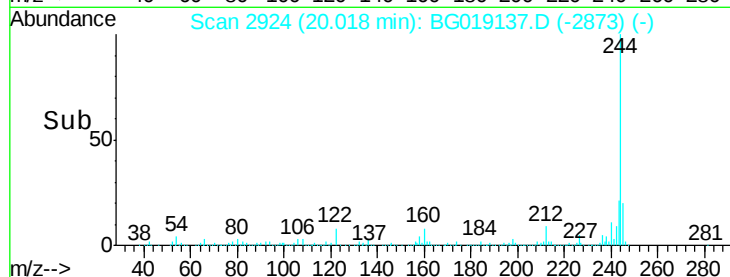
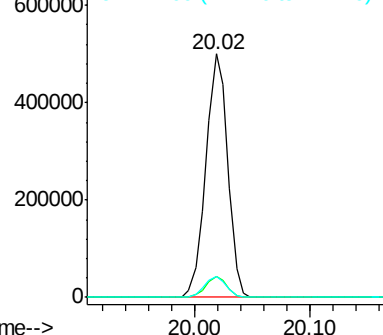
Ion	Ratio	Lower	Upper
244	100		
212	8.8	6.8	10.2
122	8.5	7.4	11.2



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: 20.00 ng

RT: 24.90 min Scan# 3755

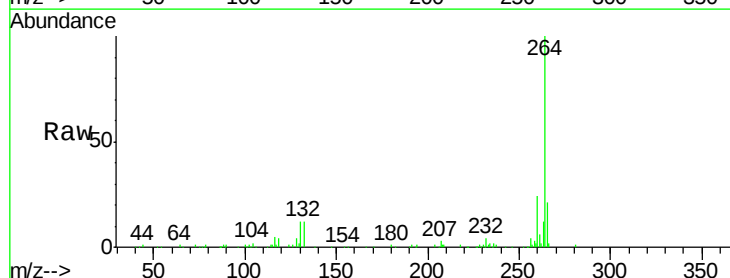
Delta R.T. -0.00 min

Lab File: BG019137.D

Acq: 11 Oct 2015 3:33

Tgt Ion:264 Resp: 159184

Ion	Ratio	Lower	Upper
264	100		
260	23.6	20.1	30.1
265	20.5	17.2	25.8



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

