

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG120515\
 Data File : BG019955.D
 Acq On : 5 Dec 2015 23:27
 Operator : UM/NP
 Sample : G4630-14
 Misc :
 ALS Vial : 44 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-27

Quant Time: Dec 07 01:21:46 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG120215.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 02 18:50:01 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	30519	20.00	ng	-0.02
21) Naphthalene-d8	10.93	136	136300	20.00	ng	-0.02
38) Acenaphthene-d10	14.74	164	94961	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	241041	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	291986	20.00	ng	-0.04
86) Perylene-d12	25.03	264	274128	20.00	ng	-0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.66	112	112377	66.55	ng	-0.01
7) Phenol-d6	7.26	99	103872	40.74	ng	-0.02
23) Nitrobenzene-d5	9.28	82	233854	87.56	ng	-0.02
41) 2,4,6-Tribromophenol	16.23	330	177349	122.06	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	573834	82.51	ng	-0.02
78) Terphenyl-d14	20.09	244	959137	80.12	ng	-0.02

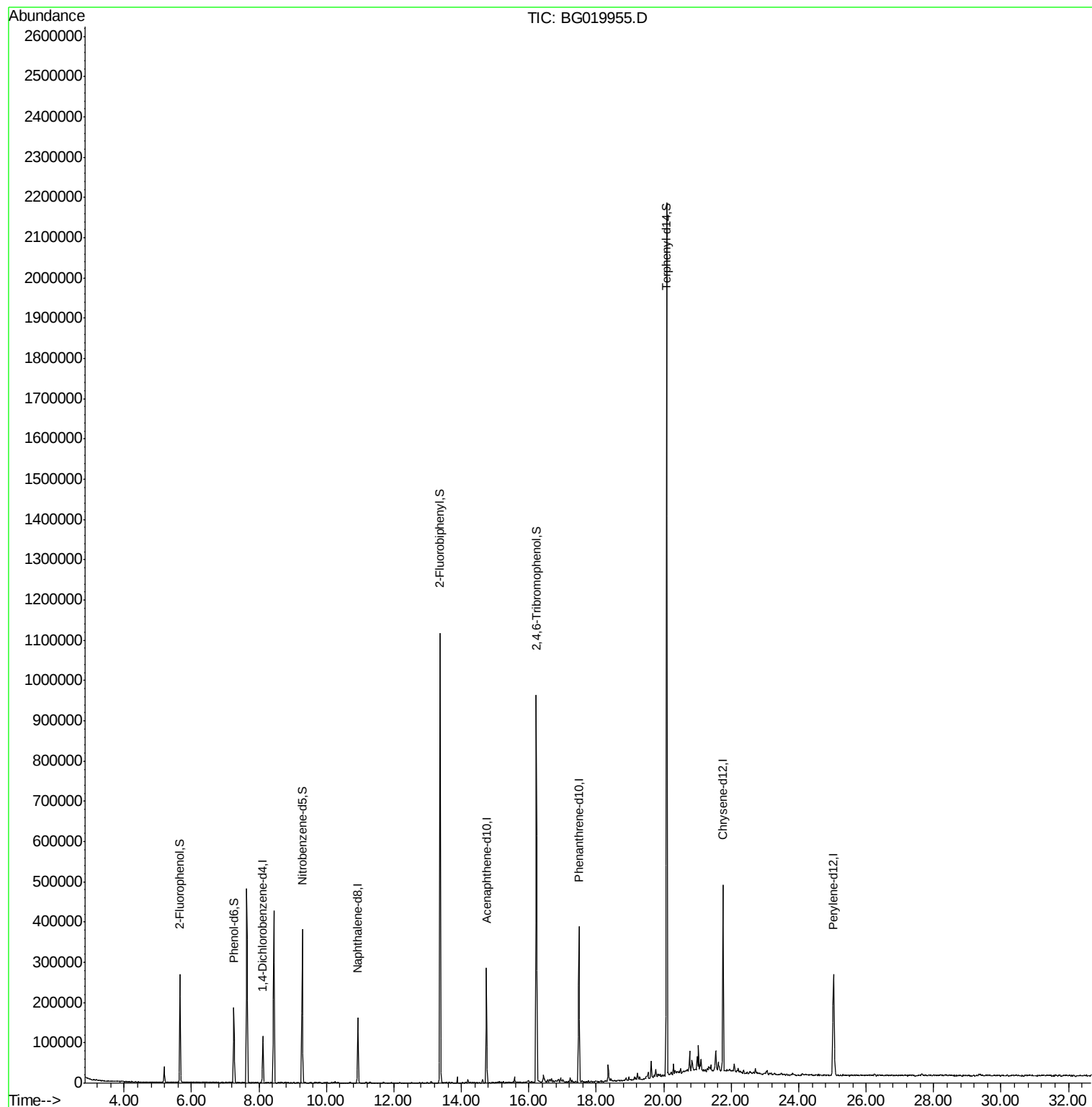
Target Compounds	Qvalue
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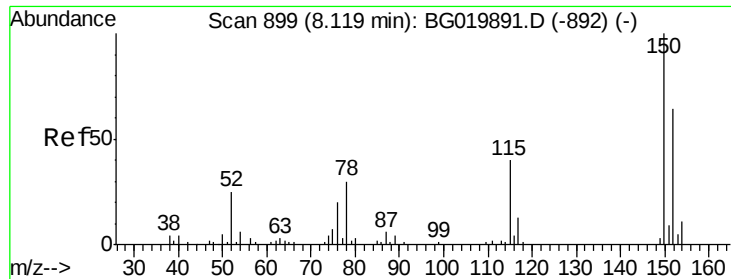
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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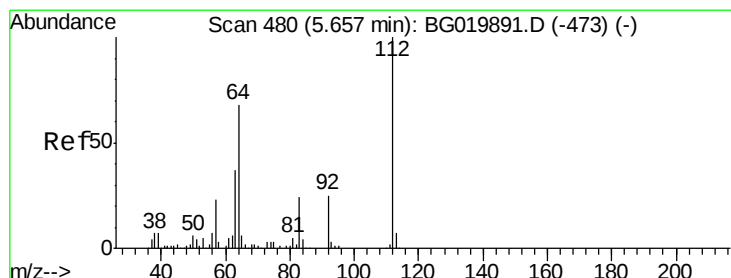
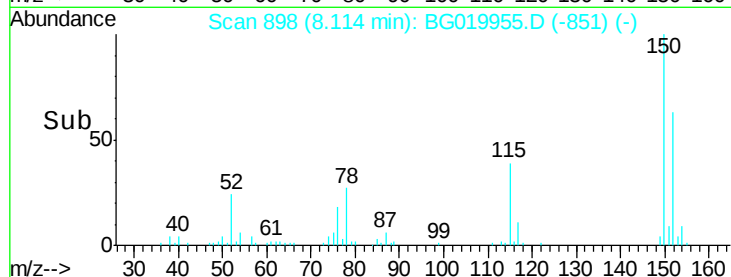
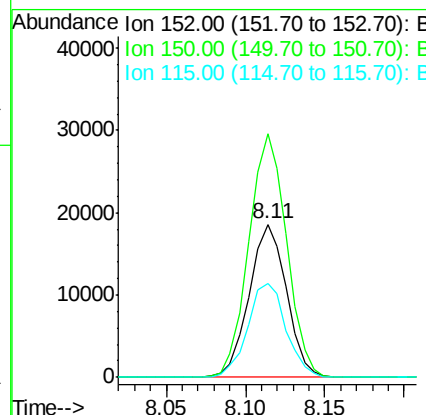
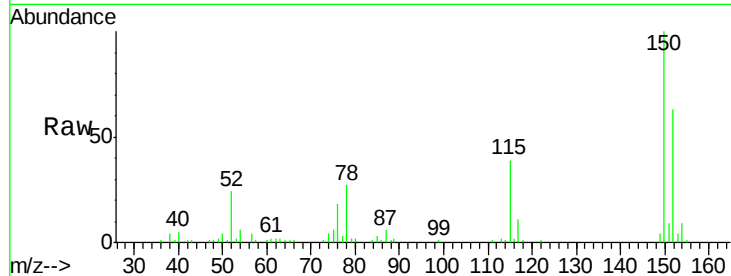




#1
 1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.11 min Scan# 898
 Delta R.T. -0.02 min
 Lab File: BG019955.D
 Acq: 5 Dec 2015 23:27

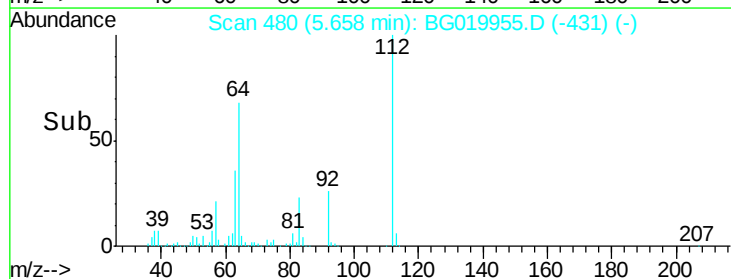
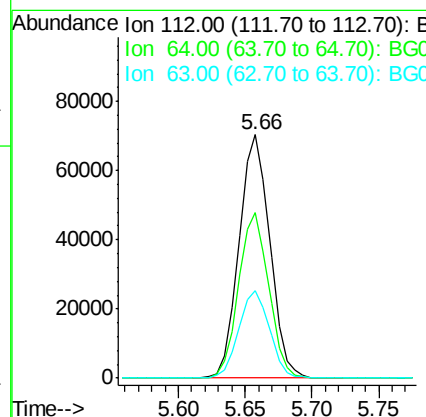
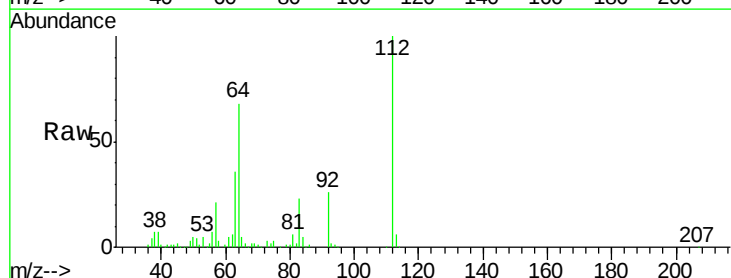
Instrument :
 BNA_G
 ClientSampleId :
 MW-27

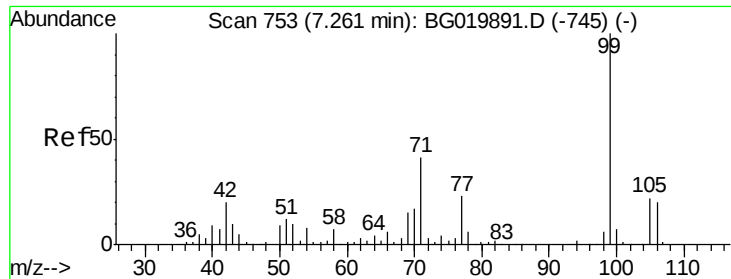
Tgt Ion:152 Resp: 30519
 Ion Ratio Lower Upper
 152 100
 150 158.9 115.0 172.4
 115 61.6 43.9 65.9



#5
 2-Fluorophenol
 Concen: 66.55 ng
 RT: 5.66 min Scan# 480
 Delta R.T. -0.01 min
 Lab File: BG019955.D
 Acq: 5 Dec 2015 23:27

Tgt Ion:112 Resp: 112377
 Ion Ratio Lower Upper
 112 100
 64 67.9 43.7 65.5#
 63 36.0 24.0 36.0#





#7

Phenol-d6

Concen: 40.74 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.02 min

Lab File: BG019955.D

Acq: 5 Dec 2015 23:27

Instrument :

BNA_G

ClientSampleId :

MW-27

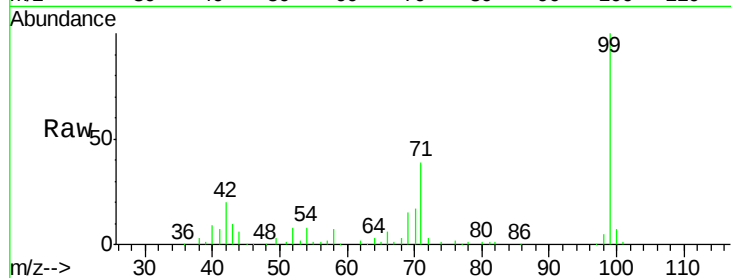
Tgt Ion: 99 Resp: 103872

Ion Ratio Lower Upper

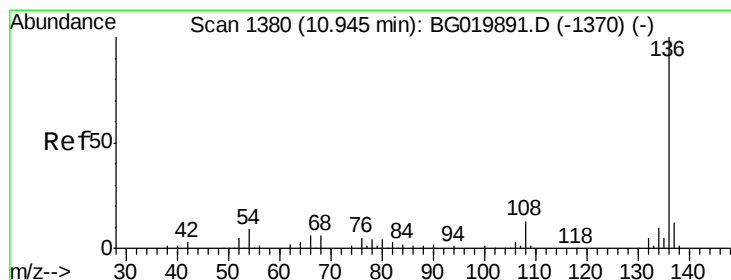
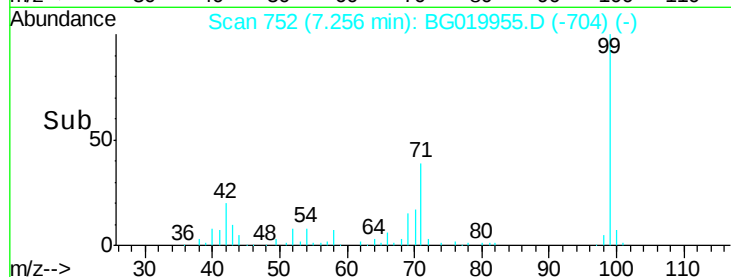
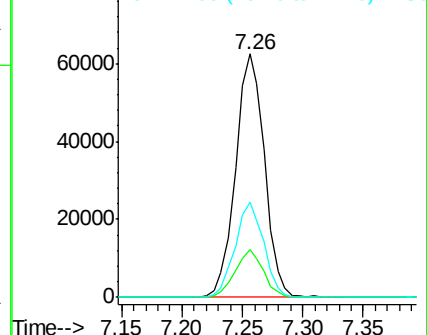
99 100

42 19.6 11.5 17.3#

71 39.3 22.6 34.0#



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: 10.93 min Scan# 1377

Delta R.T. -0.02 min

Lab File: BG019955.D

Acq: 5 Dec 2015 23:27

Tgt Ion: 136 Resp: 136300

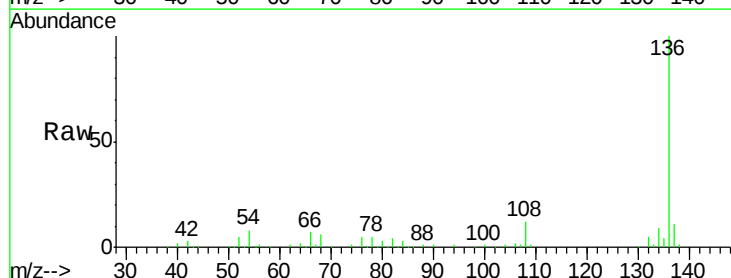
Ion Ratio Lower Upper

136 100

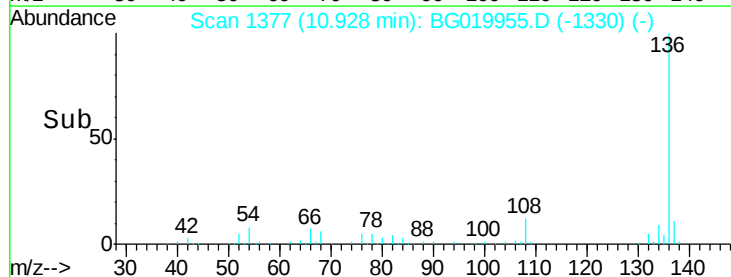
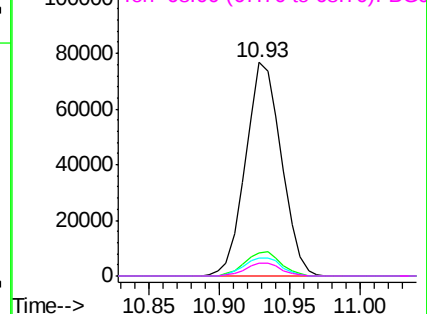
137 10.8 8.6 12.8

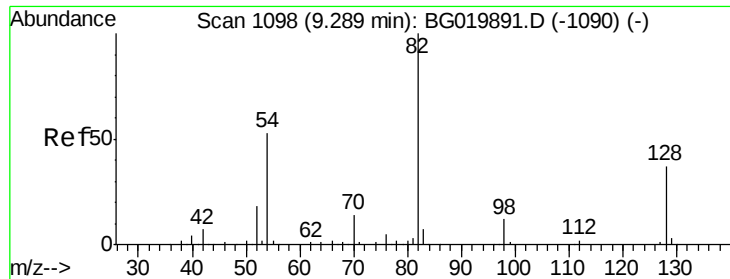
54 8.3 5.4 8.2#

68 5.9 5.3 7.9



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

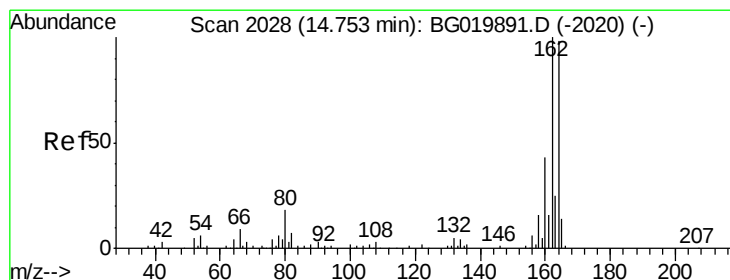
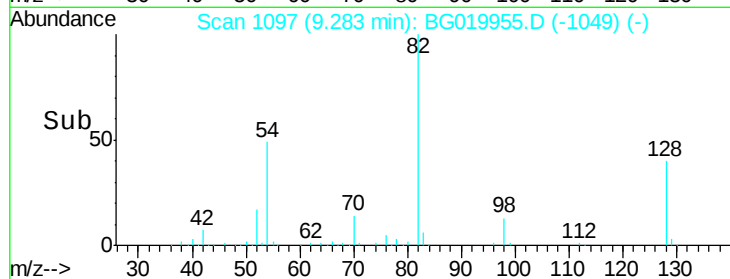
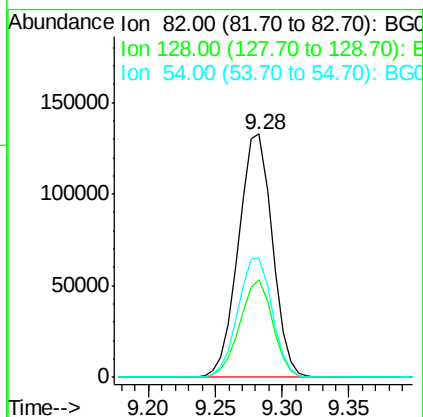
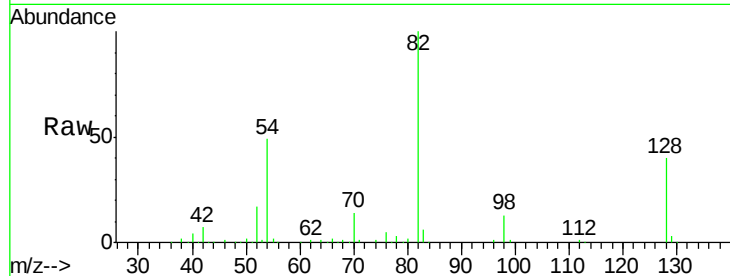




#23
 Nitrobenzene-d5
 Concen: 87.56 ng
 RT: 9.28 min Scan# 1097
 Delta R.T. -0.02 min
 Lab File: BG019955.D
 Acq: 5 Dec 2015 23:27

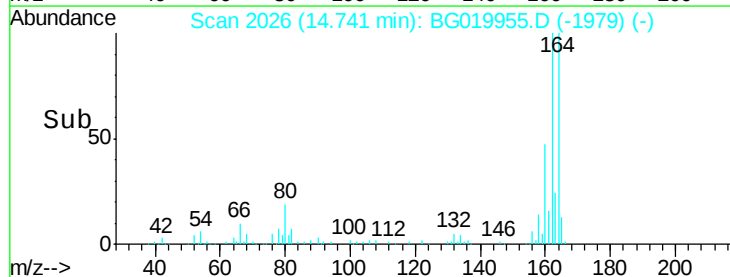
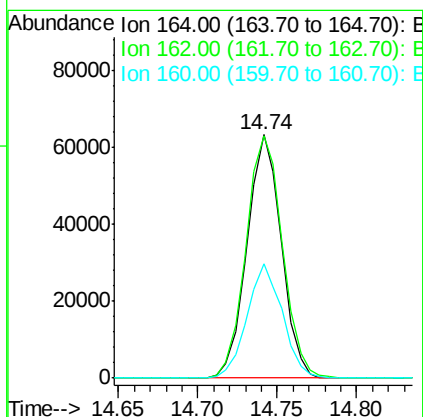
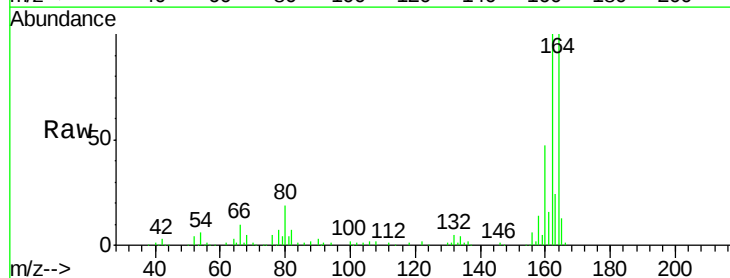
Instrument :
 BNA_G
 ClientSampleId :
 MW-27

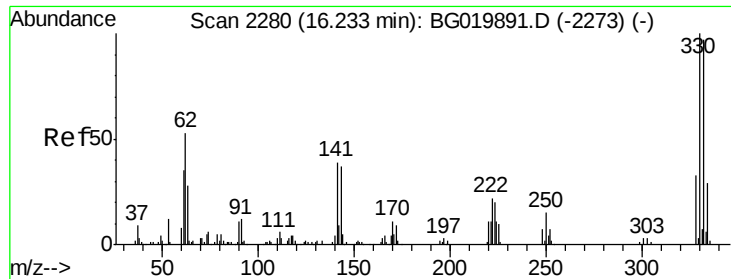
Tgt Ion	Ratio	Lower	Upper
82	100		
128	40.2	36.7	55.1
54	49.0	33.8	50.8



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.74 min Scan# 2026
 Delta R.T. -0.02 min
 Lab File: BG019955.D
 Acq: 5 Dec 2015 23:27

Tgt Ion	Ratio	Lower	Upper
164	100		
162	99.7	78.8	118.2
160	47.2	36.4	54.6

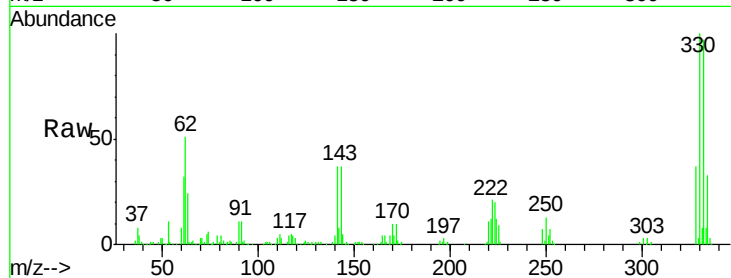




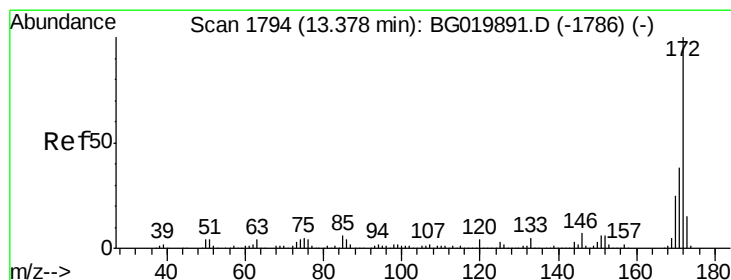
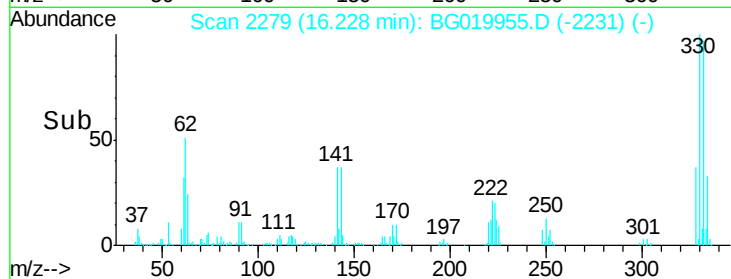
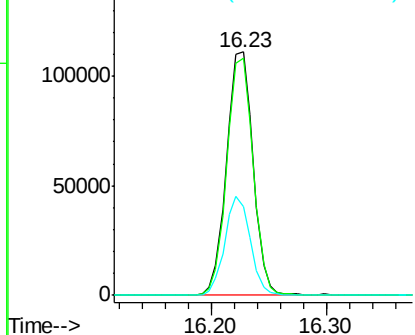
#41
 2,4,6-Tribromophenol
 Concen: 122.06 ng
 RT: 16.23 min Scan# 2279
 Delta R.T. -0.02 min
 Lab File: BG019955.D
 Acq: 5 Dec 2015 23:27

Instrument :
 BNA_G
 ClientSampleId :
 MW-27

Tgt Ion:330 Resp: 177349
 Ion Ratio Lower Upper
 330 100
 332 96.1 78.1 117.1
 141 39.2 28.2 42.2

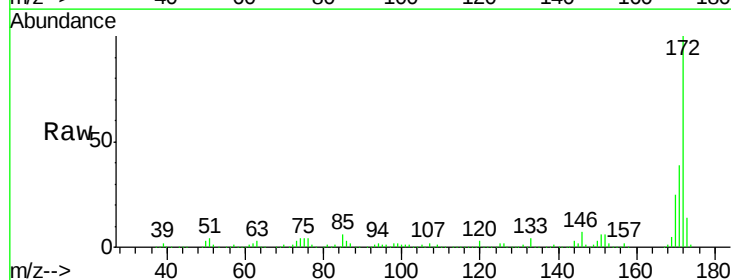


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

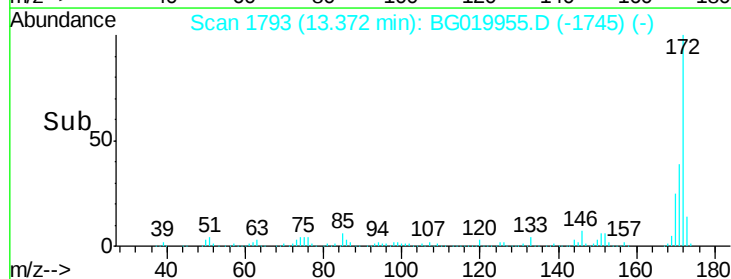
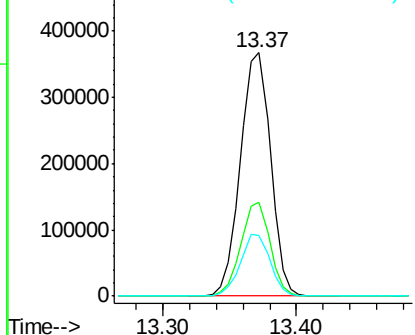


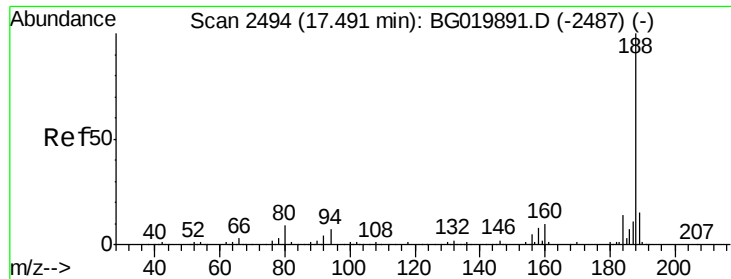
#44
 2-Fluorobiphenyl
 Concen: 82.51 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. -0.02 min
 Lab File: BG019955.D
 Acq: 5 Dec 2015 23:27

Tgt Ion:172 Resp: 573834
 Ion Ratio Lower Upper
 172 100
 171 38.5 29.0 43.6
 170 25.0 19.9 29.9



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

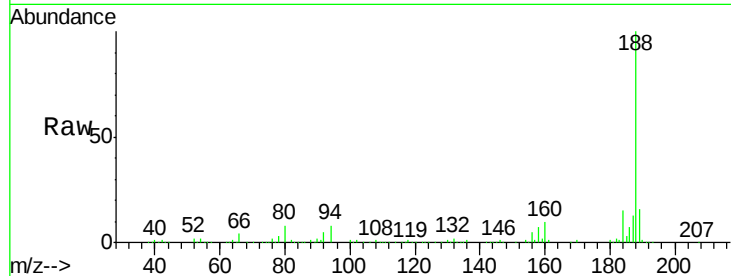




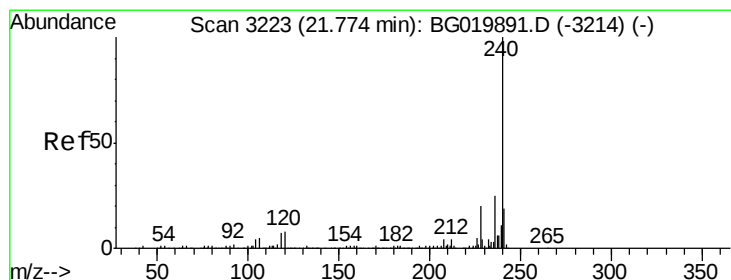
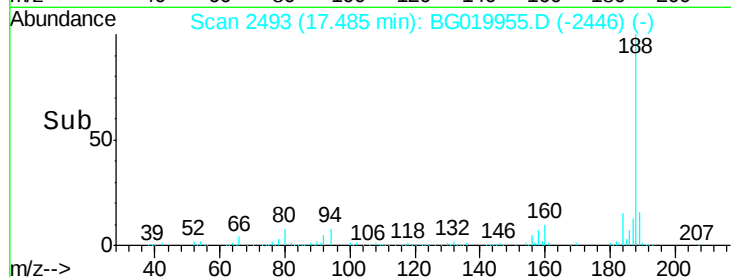
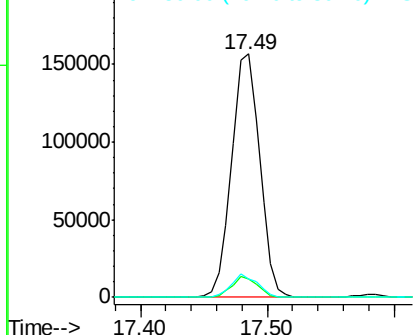
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2493
Delta R.T. -0.02 min
Lab File: BG019955.D
Acq: 5 Dec 2015 23:27

Instrument :
BNA_G
ClientSampleId :
MW-27

Tgt Ion:188 Resp: 241041
Ion Ratio Lower Upper
188 100
94 7.7 7.7 11.5#
80 7.7 7.8 11.8#

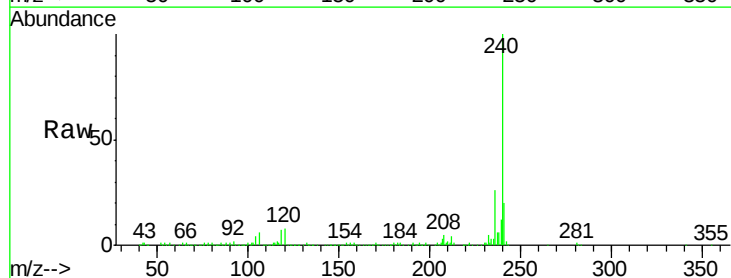


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

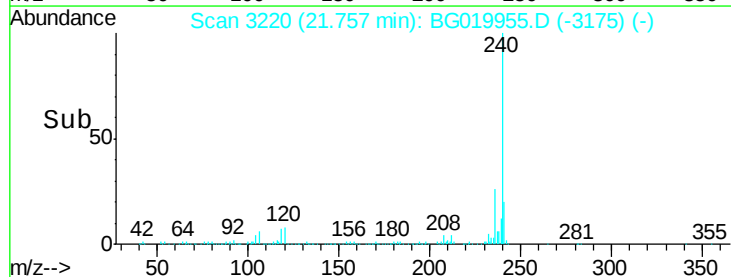
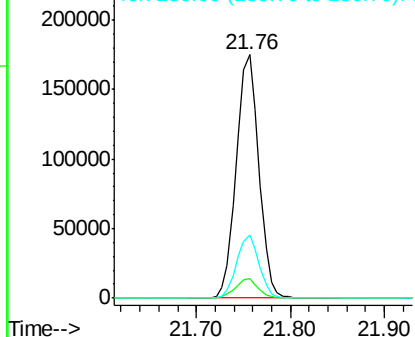


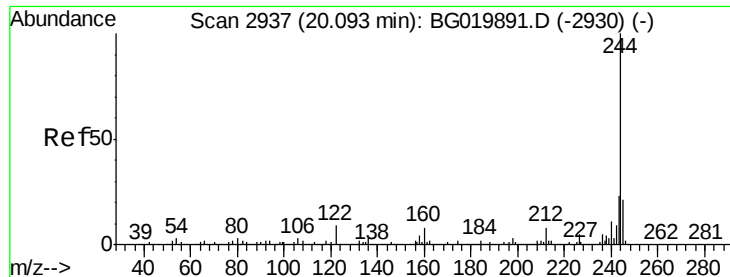
#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3220
Delta R.T. -0.04 min
Lab File: BG019955.D
Acq: 5 Dec 2015 23:27

Tgt Ion:240 Resp: 291986
Ion Ratio Lower Upper
240 100
120 7.9 7.4 11.0
236 26.1 20.7 31.1



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: 80.12 ng

RT: 20.09 min Scan# 2936

Delta R.T. -0.02 min

Lab File: BG019955.D

Acq: 5 Dec 2015 23:27

Instrument :

BNA_G

ClientSampleId :

MW-27

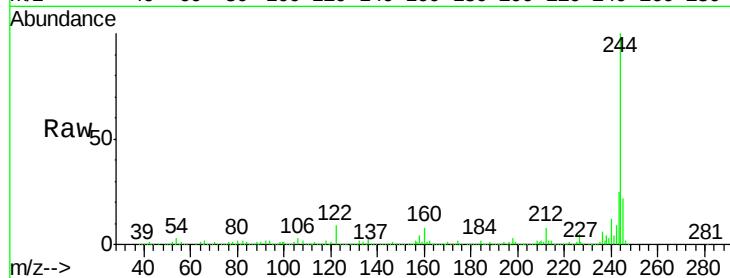
Tgt Ion:244 Resp: 959137

Ion Ratio Lower Upper

244 100

212 8.4 6.9 10.3

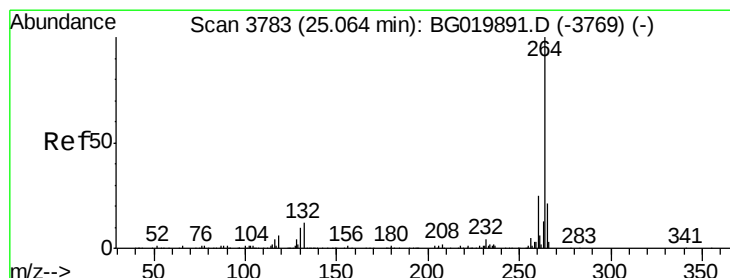
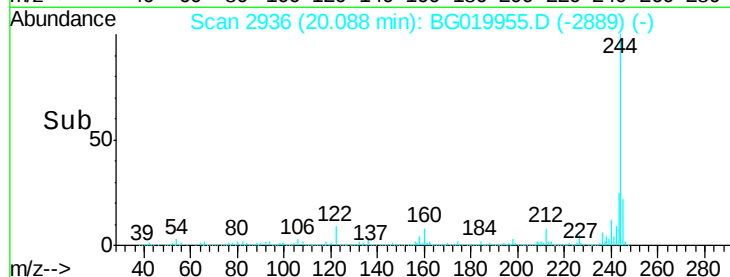
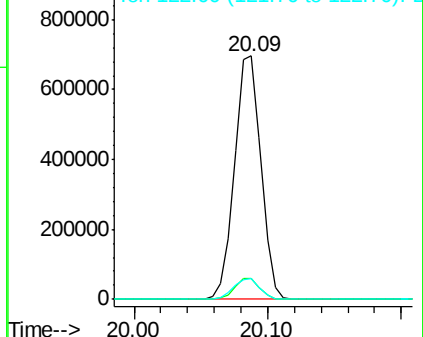
122 8.7 10.2 15.2#



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: 25.03 min Scan# 3777

Delta R.T. -0.07 min

Lab File: BG019955.D

Acq: 5 Dec 2015 23:27

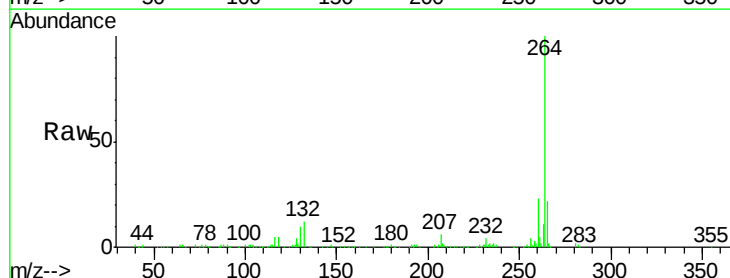
Tgt Ion:264 Resp: 274128

Ion Ratio Lower Upper

264 100

260 23.3 18.5 27.7

265 21.6 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

