

Data Path : Z:\HPCHEM1\BNA G\DATA\BG120117\
 Data File : BG031332.D
 Acq On : 2 Dec 2017 00:01
 Operator : SJ/JU
 Sample : I6653-05
 Misc :
 ALS Vial : 18 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 MW-7

Quant Time: Dec 02 02:00:43 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG111017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Nov 10 15:38:25 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.13	152	69094	20.00	ng	-0.02
21) Naphthalene-d8	10.94	136	298939	20.00	ng	-0.02
38) Acenaphthene-d10	14.75	164	199992	20.00	ng	-0.02
63) Phenanthrene-d10	17.49	188	531056	20.00	ng	-0.02
75) Chrysene-d12	21.76	240	584449	20.00	ng	-0.02
86) Perylene-d12	25.06	264	568541	20.00	ng	-0.04
System Monitoring Compounds						
5) 2-Fluorophenol	5.69	112	267343	66.35	ng	-0.02
7) Phenol-d6	7.30	99	217582	40.08	ng	-0.01
23) Nitrobenzene-d5	9.30	82	449476	89.10	ng	-0.02
41) 2,4,6-Tribromophenol	16.24	330	395170	122.15	ng	-0.02
44) 2-Fluorobiphenyl	13.37	172	1309028	94.05	ng	-0.03
78) Terphenyl-d14	20.08	244	2340309	88.42	ng	-0.02

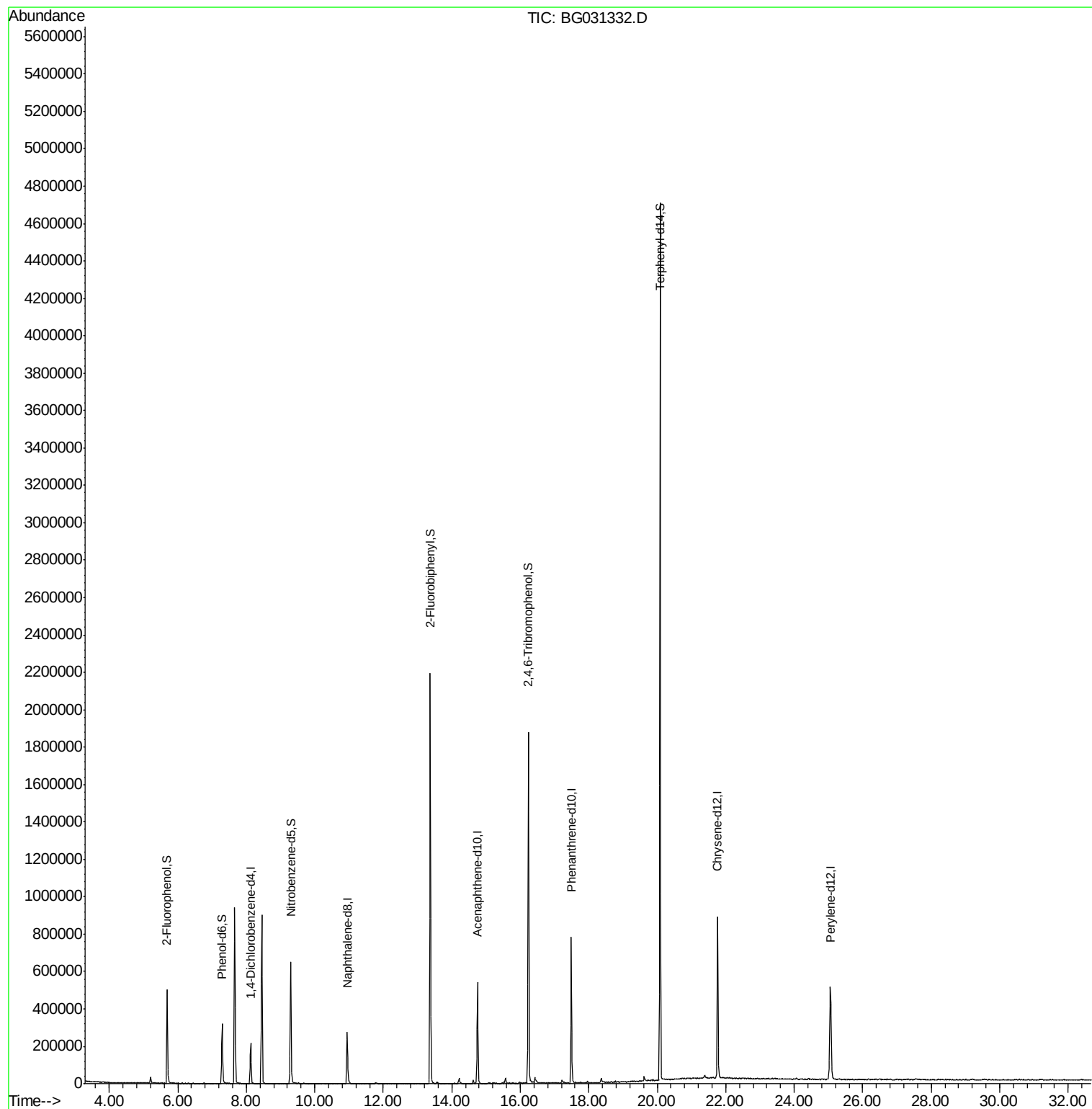
Target Compounds Qvalue

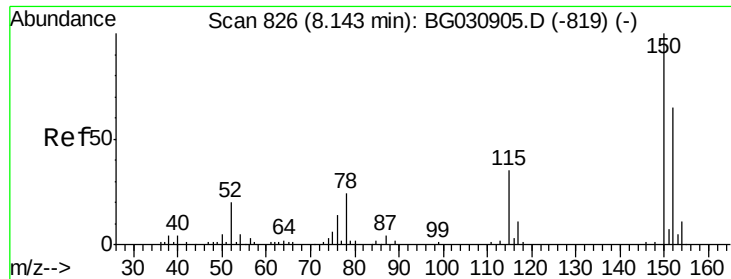
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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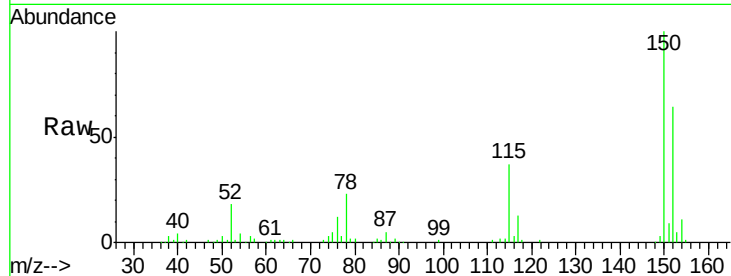


#1

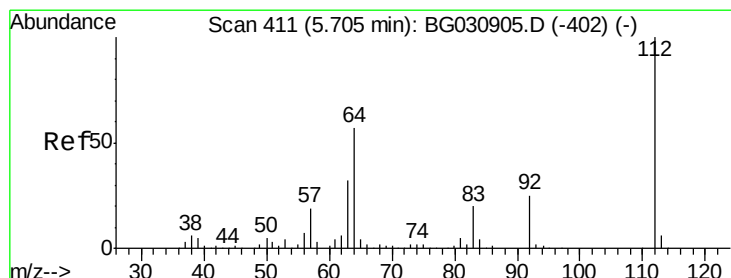
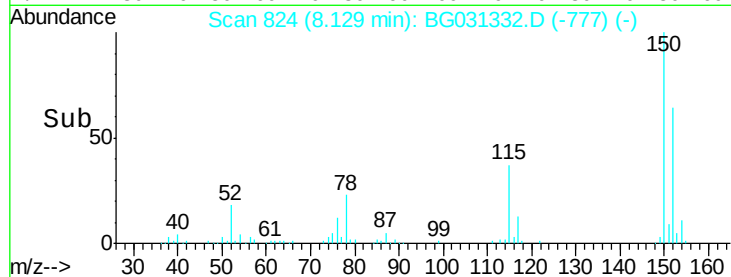
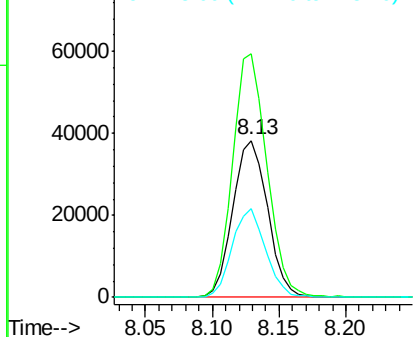
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.13 min Scan# 824
Delta R.T. -0.02 min
Lab File: BG031332.D
Acq: 2 Dec 2017 00:01

Instrument :
BNA_G
ClientSampleId :
MW-7

Tot Ion:152 Resp: 69094
Ion Ratio Lower Upper
152 100
150 155.2 126.6 189.8
115 56.8 53.0 79.4



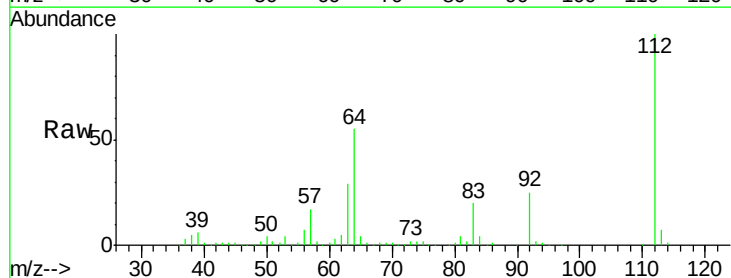
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



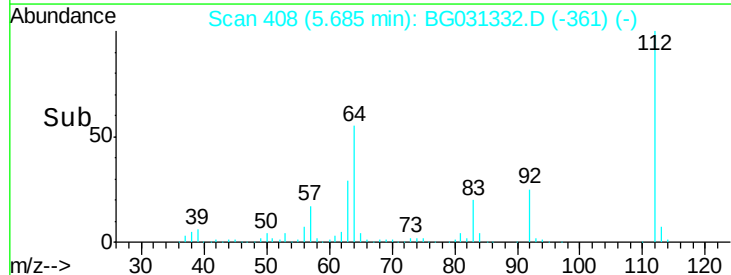
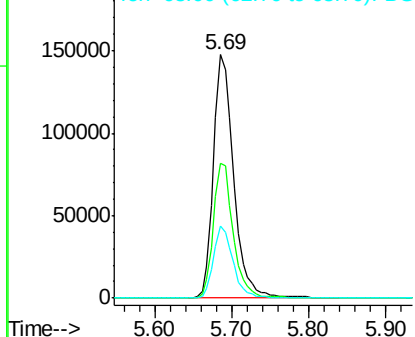
#5

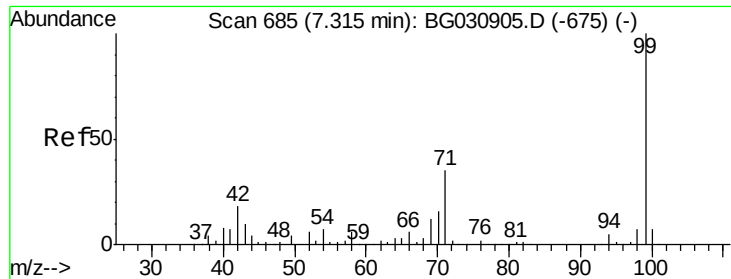
2-Fluorophenol
Concen: 66.35 ng
RT: 5.69 min Scan# 408
Delta R.T. -0.02 min
Lab File: BG031332.D
Acq: 2 Dec 2017 00:01

Tgt Ion:112 Resp: 267343
Ion Ratio Lower Upper
112 100
64 55.2 56.3 84.5#
63 29.5 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: 40.08 ng

RT: 7.30 min Scan# 682

Delta R.T. -0.01 min

Lab File: BG031332.D

Acq: 2 Dec 2017 00:01

Instrument :

BNA_G

ClientSampleId :

MW-7

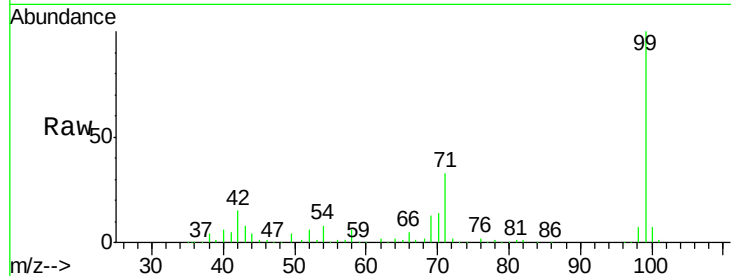
Tot Ion: 99 Resp: 217582

Ion Ratio Lower Upper

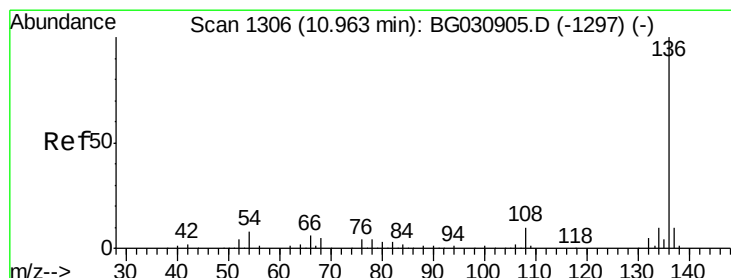
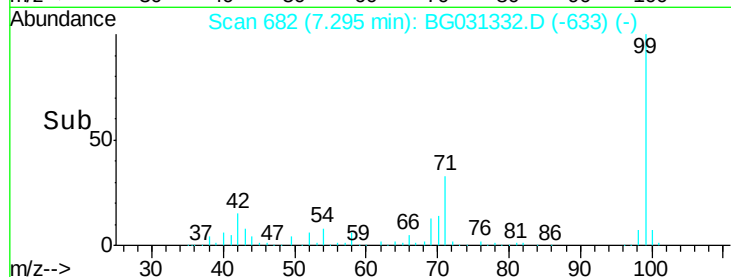
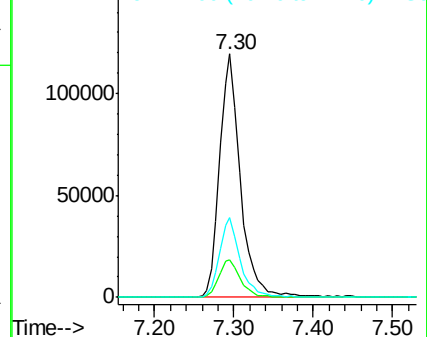
99 100

42 15.3 14.1 21.1

71 33.0 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: 20.00 ng

RT: 10.94 min Scan# 1303

Delta R.T. -0.02 min

Lab File: BG031332.D

Acq: 2 Dec 2017 00:01

Tgt Ion: 136 Resp: 298939

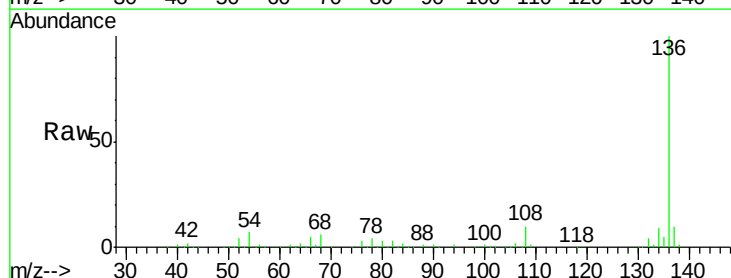
Ion Ratio Lower Upper

136 100

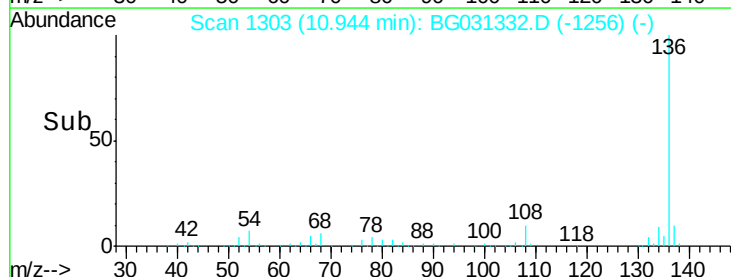
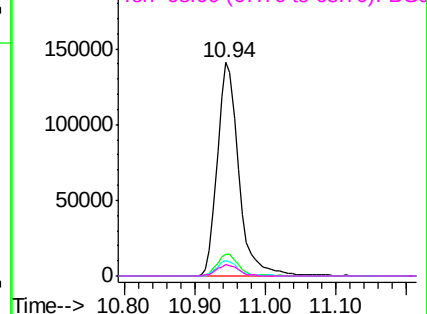
137 10.4 9.2 13.8

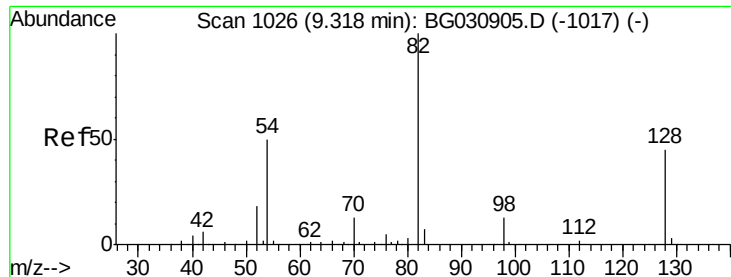
54 7.2 10.3 15.5#

68 5.5 4.5 6.7



Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

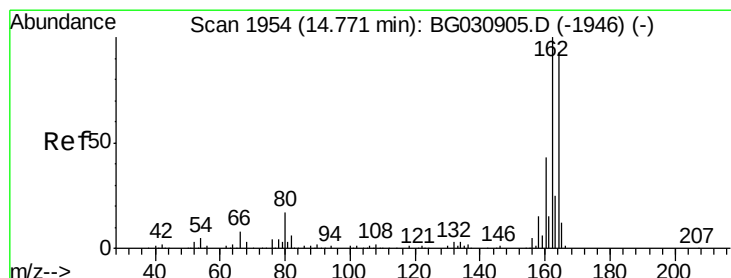
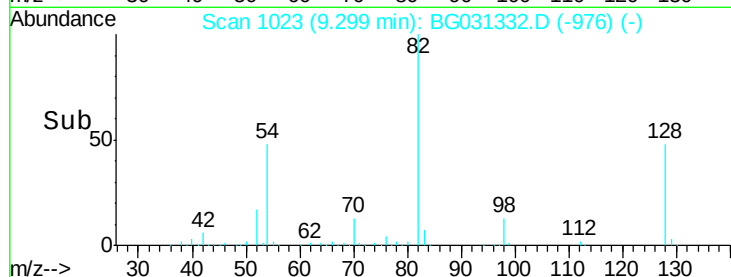
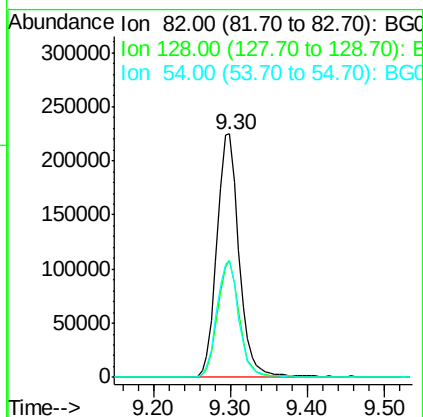
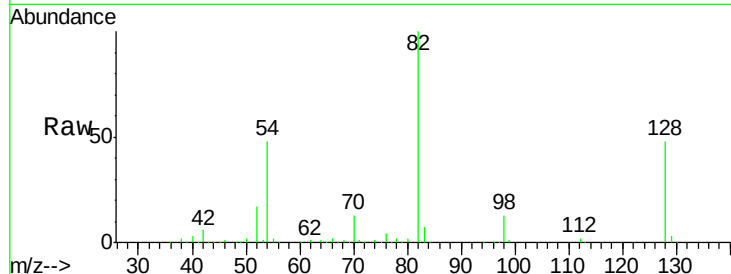




#23
 Nitrobenzene-d5
 Concen: 89.10 ng
 RT: 9.30 min Scan# 1023
 Delta R.T. -0.02 min
 Lab File: BG031332.D
 Acq: 2 Dec 2017 00:01

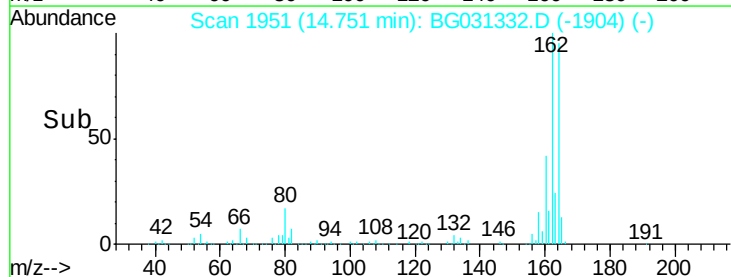
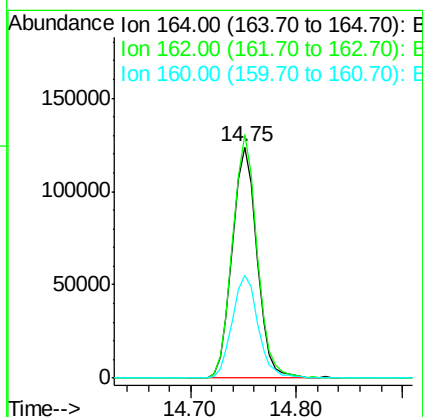
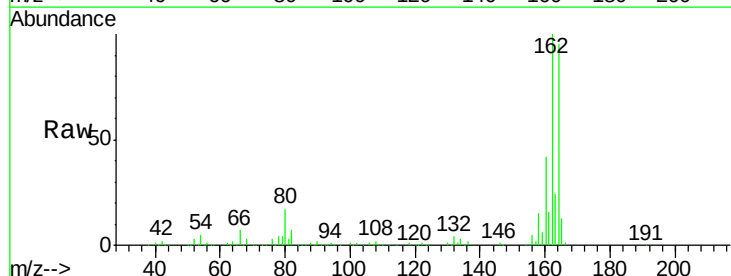
Instrument :
 BNA_G
 ClientSampleId :
 MW-7

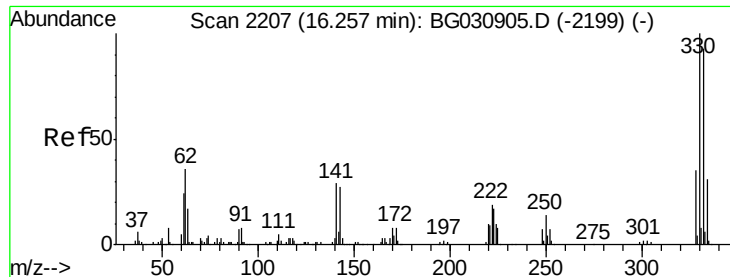
Tot Ion: 82 Resp: 449476
 Ion Ratio Lower Upper
 82 100
 128 47.8 29.7 44.5#
 54 48.3 43.1 64.7



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.75 min Scan# 1951
 Delta R.T. -0.02 min
 Lab File: BG031332.D
 Acq: 2 Dec 2017 00:01

Tgt Ion: 164 Resp: 199992
 Ion Ratio Lower Upper
 164 100
 162 105.3 78.8 118.2
 160 44.7 35.4 53.0





#41

2,4,6-Tribromophenol

Concen: 122.15 ng

RT: 16.24 min Scan# 2204

Delta R.T. -0.02 min

Lab File: BG031332.D

Acq: 2 Dec 2017 00:01

Instrument :

BNA_G

ClientSampleId :

MW-7

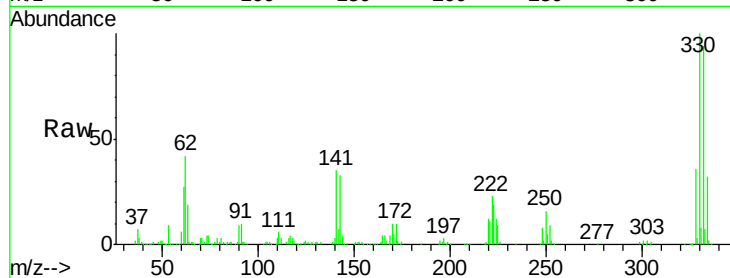
Tot Ion:330 Resp: 395170

Ion Ratio Lower Upper

330 100

332 94.9 77.0 115.6

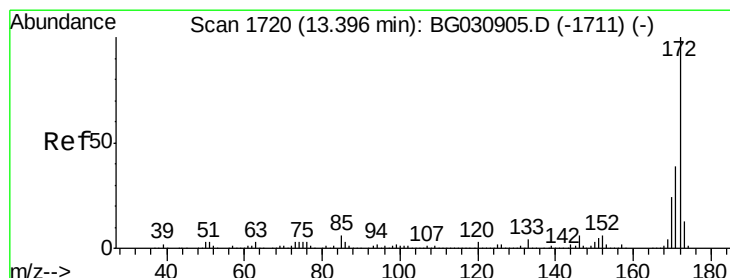
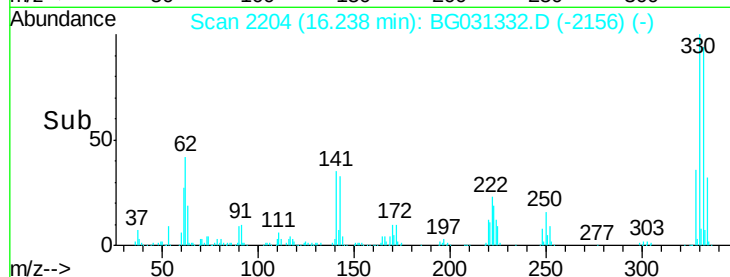
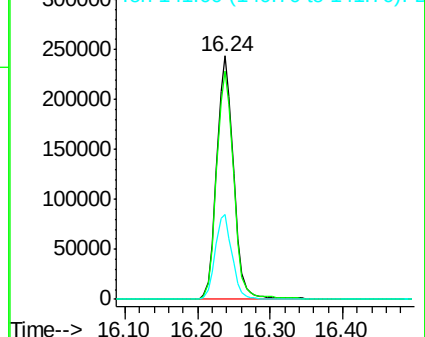
141 35.1 25.2 37.8



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: 94.05 ng

RT: 13.37 min Scan# 1716

Delta R.T. -0.03 min

Lab File: BG031332.D

Acq: 2 Dec 2017 00:01

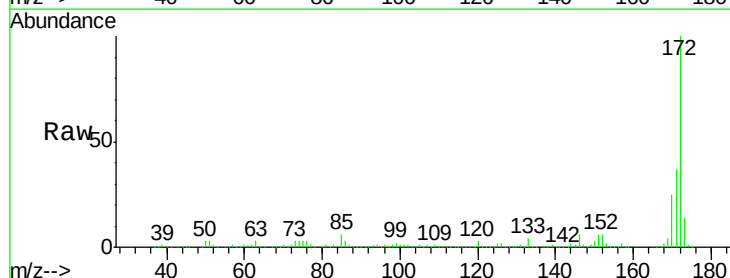
Tgt Ion:172 Resp: 1309028

Ion Ratio Lower Upper

172 100

171 37.4 30.0 45.0

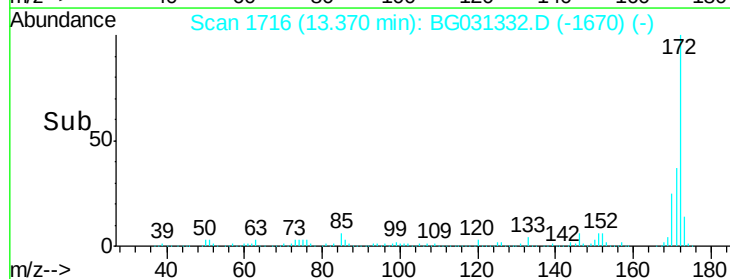
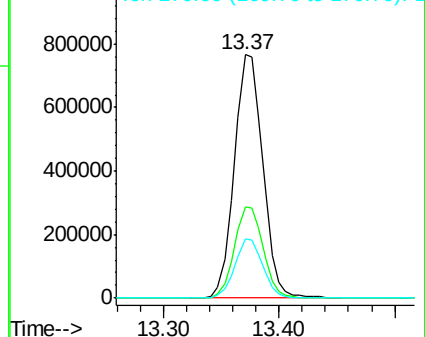
170 24.6 19.5 29.3

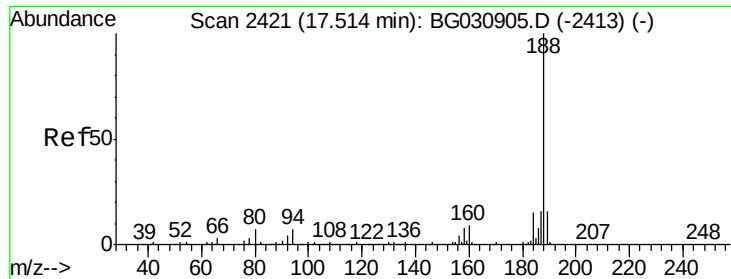


Abundance Ion 172.00 (171.70 to 172.70): E

Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E

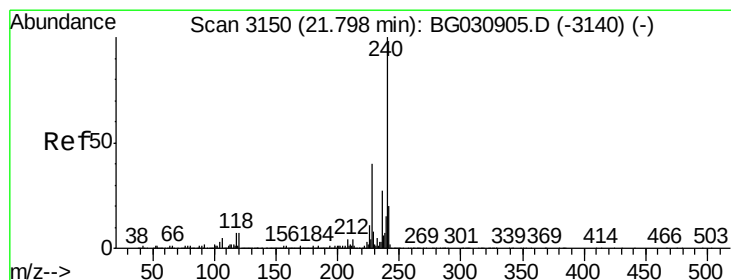
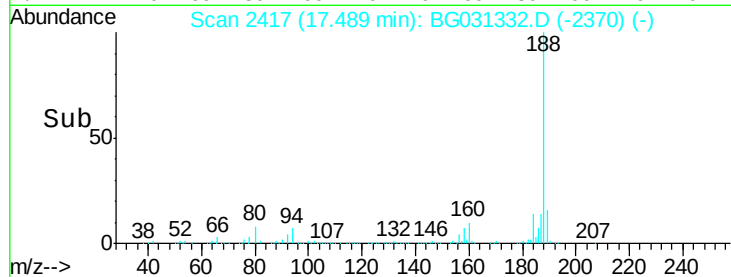
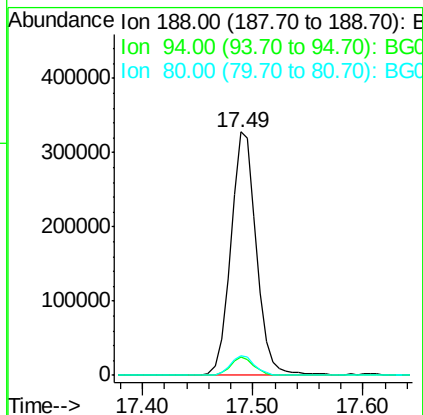
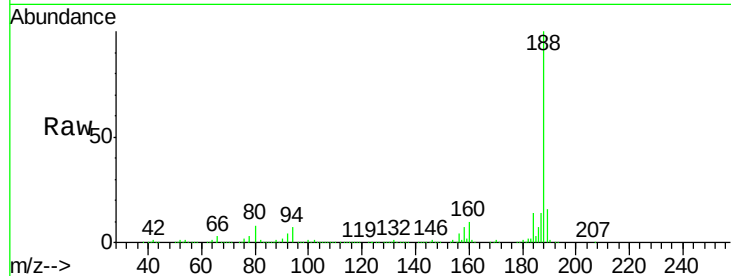




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.49 min Scan# 2417
Delta R.T. -0.02 min
Lab File: BG031332.D
Acq: 2 Dec 2017 00:01

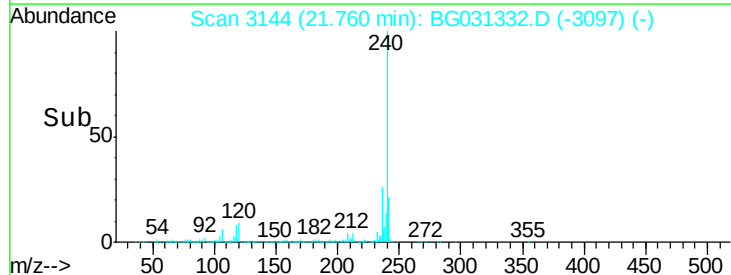
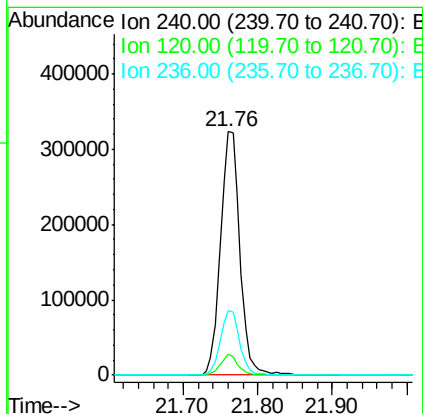
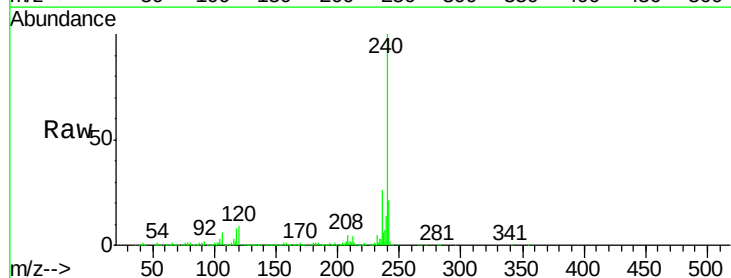
Instrument :
BNA_G
ClientSampleId :
MW-7

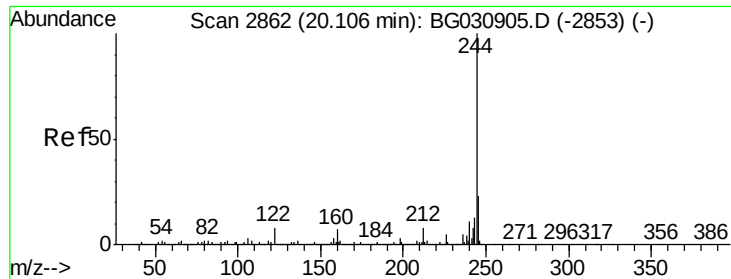
Tot Ion:188 Resp: 531056
Ion Ratio Lower Upper
188 100
94 7.4 6.9 10.3
80 8.0 7.7 11.5



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.76 min Scan# 3144
Delta R.T. -0.02 min
Lab File: BG031332.D
Acq: 2 Dec 2017 00:01

Tgt Ion:240 Resp: 584449
Ion Ratio Lower Upper
240 100
120 8.7 6.8 10.2
236 26.2 20.9 31.3





#78

Terphenyl-d14

Concen: 88.42 ng

RT: 20.08 min Scan# 2858

Delta R.T. -0.02 min

Lab File: BG031332.D

Acq: 2 Dec 2017 00:01

Instrument :

BNA_G

ClientSampleId :

MW-7

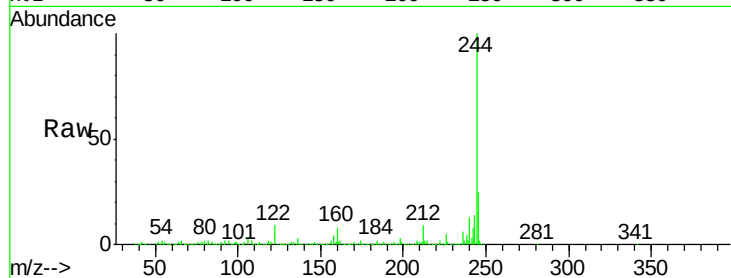
Tot Ion:244 Resp: 2340309

Ion Ratio Lower Upper

244 100

212 9.2 5.8 8.8#

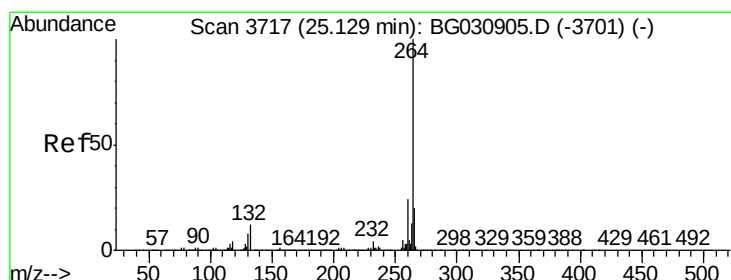
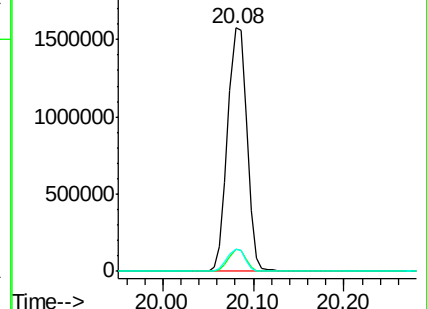
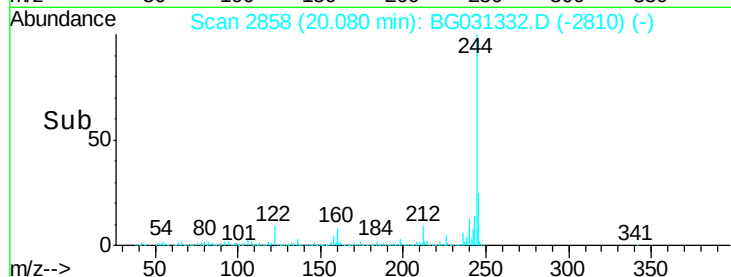
122 9.3 7.0 10.4



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: 20.00 ng

RT: 25.06 min Scan# 3705

Delta R.T. -0.04 min

Lab File: BG031332.D

Acq: 2 Dec 2017 00:01

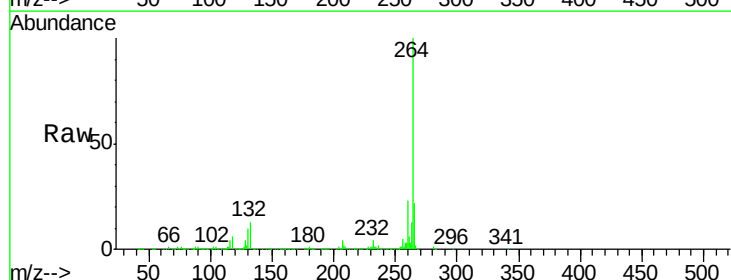
Tgt Ion:264 Resp: 568541

Ion Ratio Lower Upper

264 100

260 22.8 17.4 26.0

265 22.2 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

