

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061416\
 Data File : BG022362.D
 Acq On : 15 Jun 2016 10:02
 Operator : UM/SJ
 Sample : H3574-09
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 W-02

Quant Time: Jun 15 14:18:25 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jun 13 17:40:23 2016
 Response via : Initial Calibration

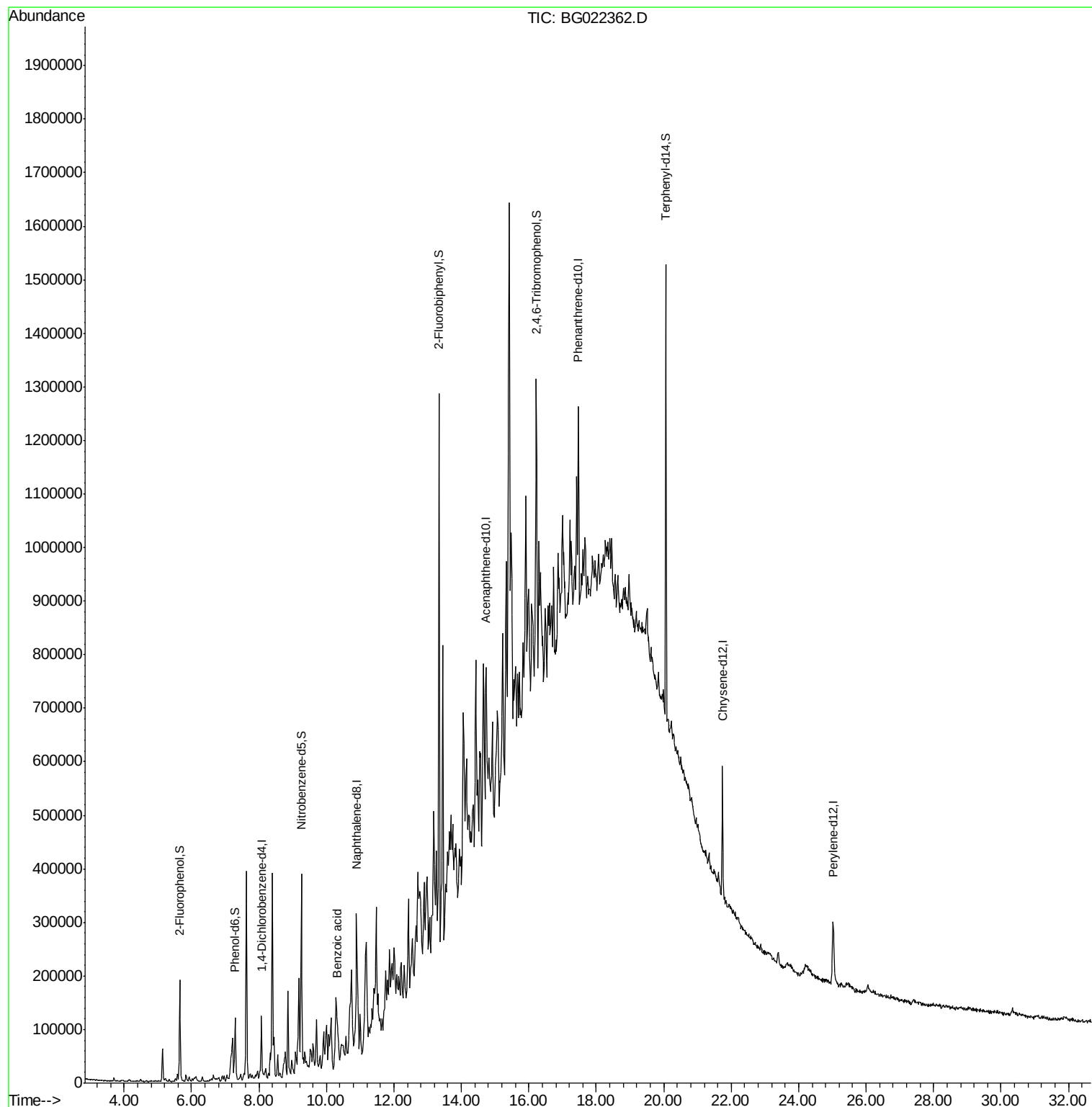
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	38338	20.00	ng	-0.02
21) Naphthalene-d8	10.89	136	196971	20.00	ng	-0.01
38) Acenaphthene-d10	14.72	164	108157	20.00	ng	0.00
63) Phenanthrene-d10	17.47	188	186803	20.00	ng	0.00
75) Chrysene-d12	21.74	240	151622	20.00	ng	0.00
86) Perylene-d12	25.02	264	143893	20.00	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.65	112	118940	59.98	ng	0.02
7) Phenol-d6	7.29	99	106789	34.25	ng	0.04
23) Nitrobenzene-d5	9.25	82	225869	79.95	ng	0.00
41) 2,4,6-Tribromophenol	16.23	330	105408	86.25	ng	0.01
44) 2-Fluorobiphenyl	13.34	172	526562	74.19	ng	0.00
78) Terphenyl-d14	20.07	244	385141	60.31	ng	0.00
Target Compounds						
32) Benzoic acid	10.33	122	13932	22.23	ng	Qvalue 96

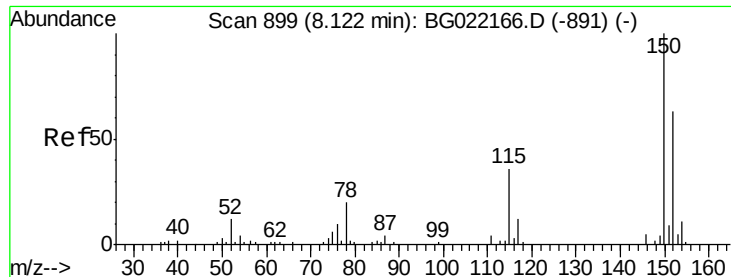
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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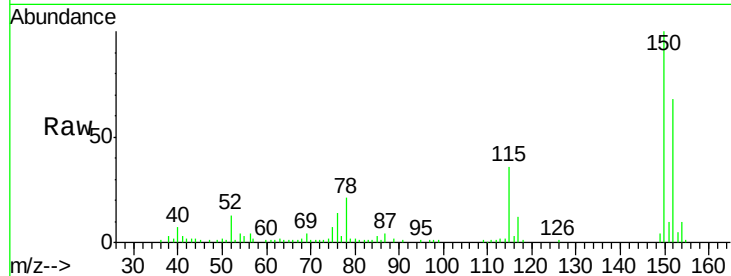


#1

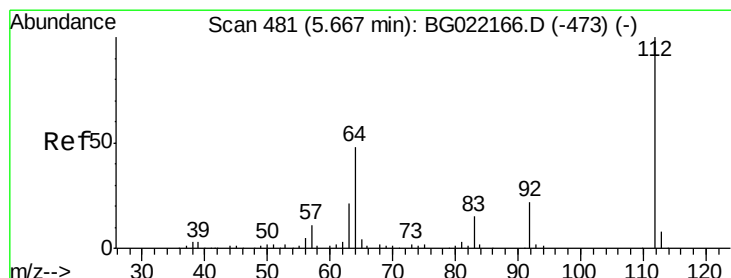
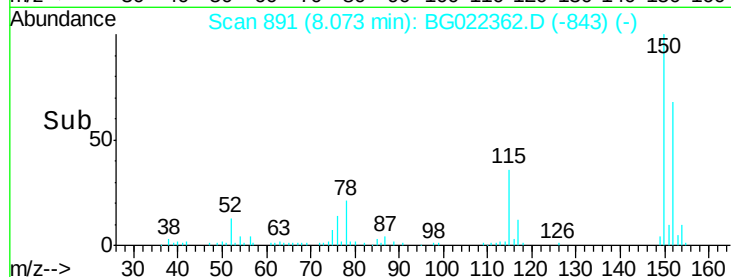
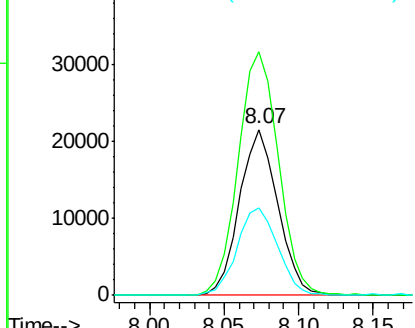
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.07 min Scan# 891
Delta R.T. -0.02 min
Lab File: BG022362.D
Acq: 15 Jun 2016 10:02

Instrument :
BNA_G
ClientSampled :
W-02

Tot Ion:152 Resp: 38338
Ion Ratio Lower Upper
152 100
150 146.9 130.1 195.1
115 52.8 62.2 93.2#



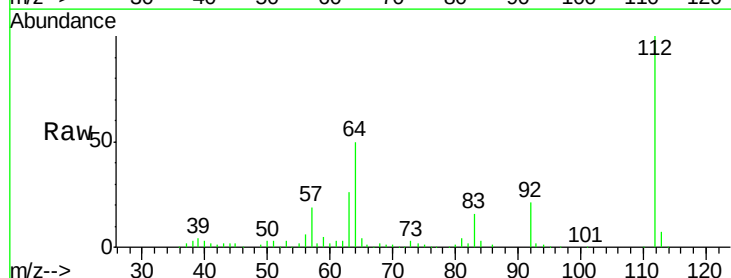
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



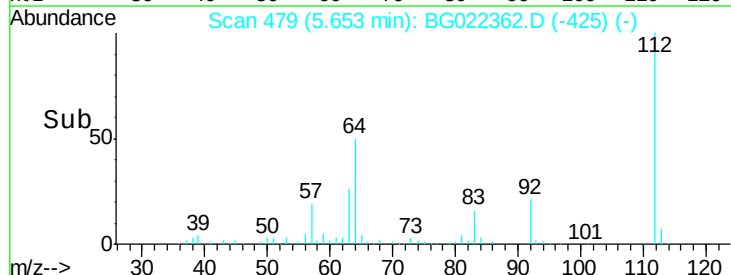
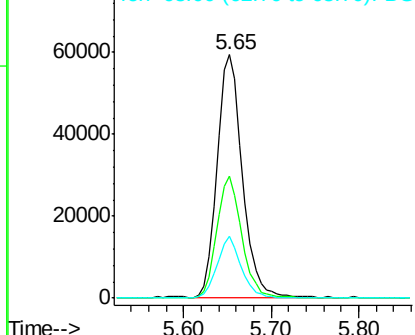
#5

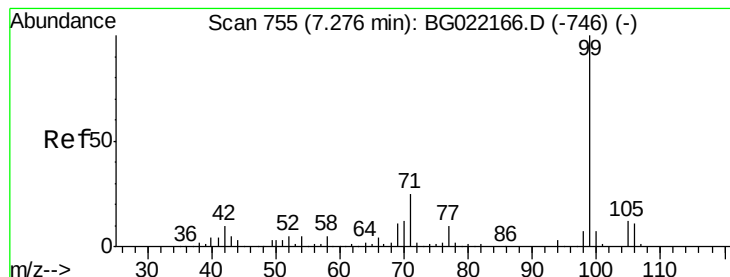
2-Fluorophenol
Concen: 59.98 ng
RT: 5.65 min Scan# 479
Delta R.T. 0.02 min
Lab File: BG022362.D
Acq: 15 Jun 2016 10:02

Tgt Ion:112 Resp: 118940
Ion Ratio Lower Upper
112 100
64 49.9 51.1 76.7#
63 25.6 24.6 37.0



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: 34.25 ng

RT: 7.29 min Scan# 758

Delta R.T. 0.04 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

Instrument :

BNA_G

ClientSampleId :

W-02

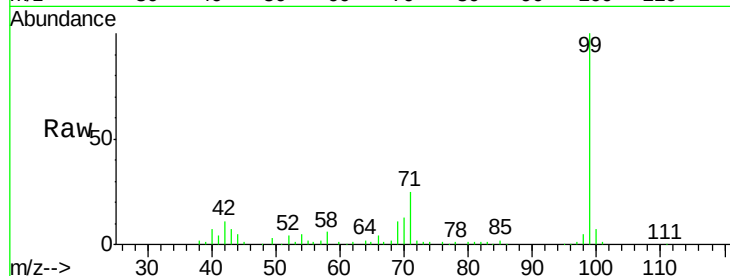
Tot Ion: 99 Resp: 106789

Ion Ratio Lower Upper

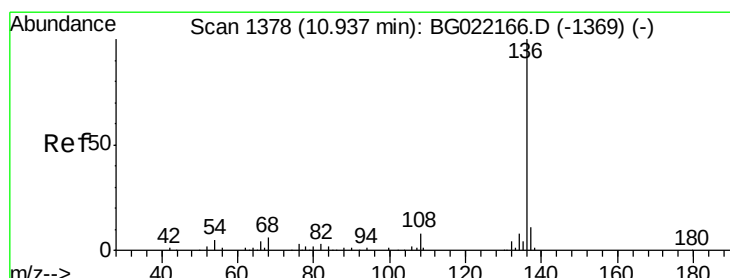
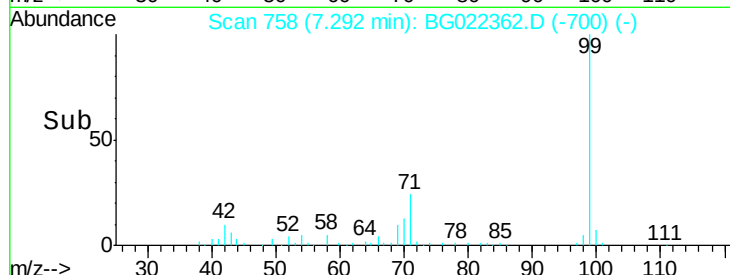
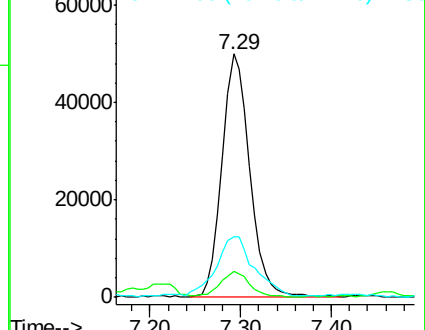
99 100

42 10.8 16.4 24.6#

71 24.7 25.0 37.4#



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: 10.89 min Scan# 1371

Delta R.T. -0.01 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

Tgt Ion: 136 Resp: 196971

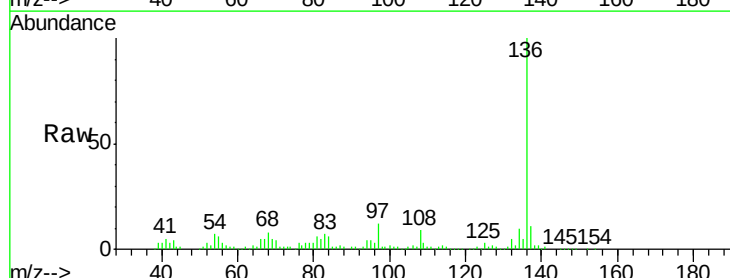
Ion Ratio Lower Upper

136 100

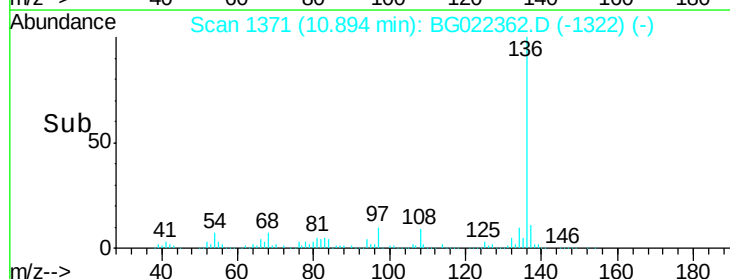
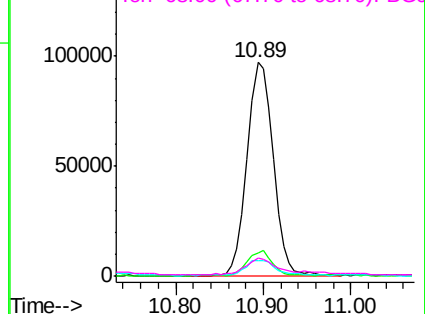
137 10.9 9.0 13.4

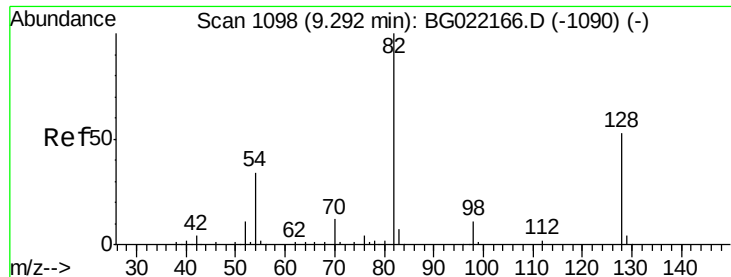
54 7.3 9.6 14.4#

68 8.2 6.4 9.6



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

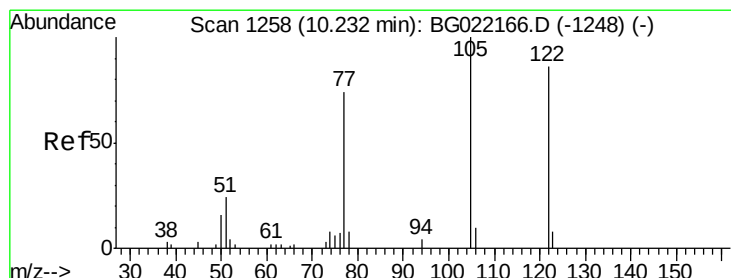
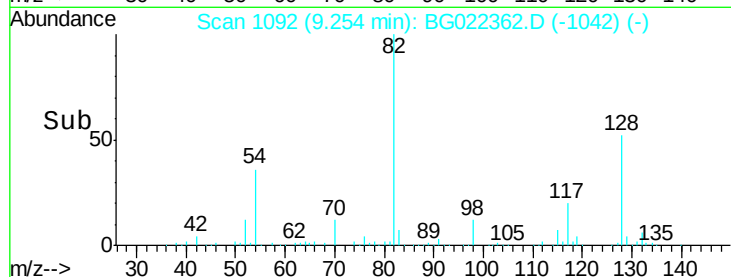
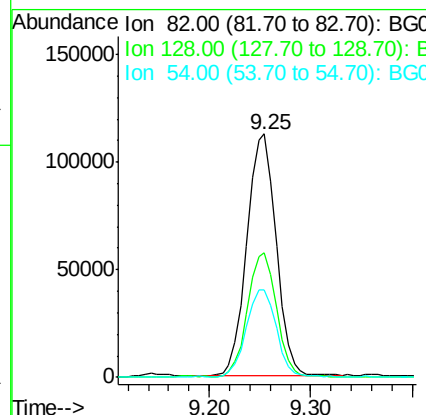
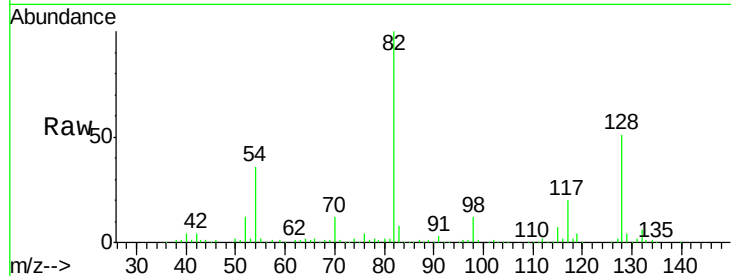




#23
Nitrobenzene-d5
Concen: 79.95 ng
RT: 9.25 min Scan# 1092
Delta R.T. -0.01 min
Lab File: BG022362.D
Acq: 15 Jun 2016 10:02

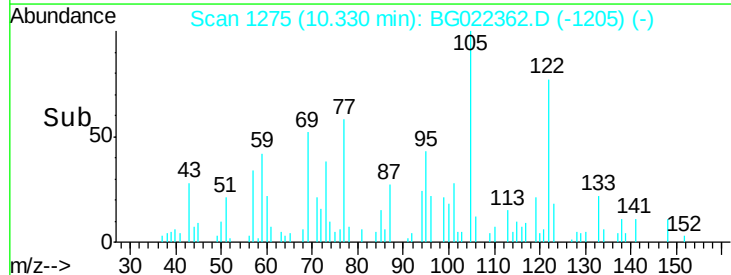
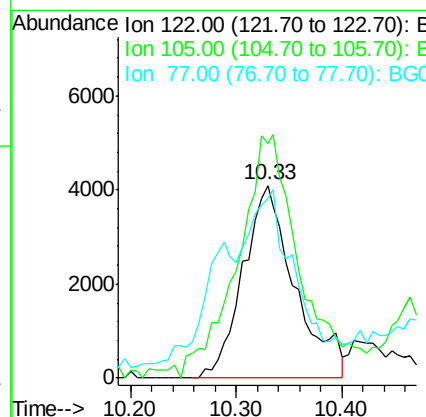
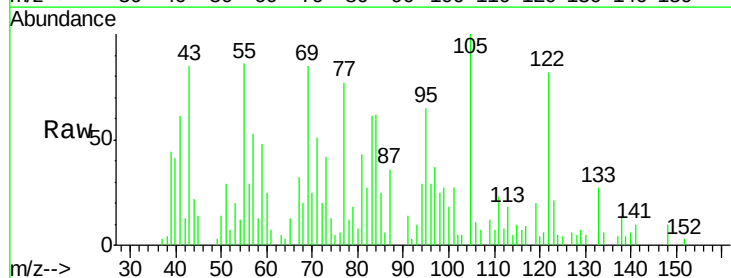
Instrument :
BNA_G
ClientSampled :
W-02

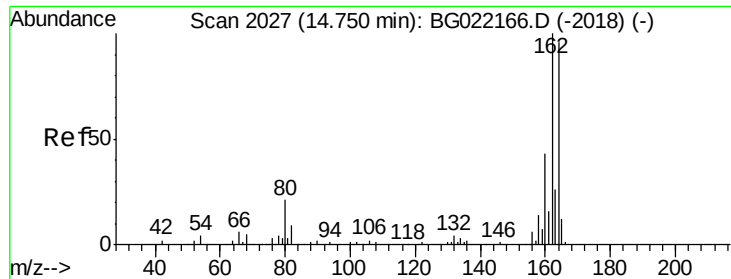
Tot Ion: 82 Resp: 225869
Ion Ratio Lower Upper
82 100
128 51.3 33.4 50.0#
54 36.2 46.1 69.1#



#32
Benzoic acid
Concen: 22.23 ng
RT: 10.33 min Scan# 1275
Delta R.T. 0.11 min
Lab File: BG022362.D
Acq: 15 Jun 2016 10:02

Tgt Ion:122 Resp: 13932
Ion Ratio Lower Upper
122 100
105 121.4 104.5 144.5
77 93.2 79.9 119.9





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.72 min Scan# 2022

Delta R.T. -0.01 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

Instrument :

BNA_G

ClientSampleId :

W-02

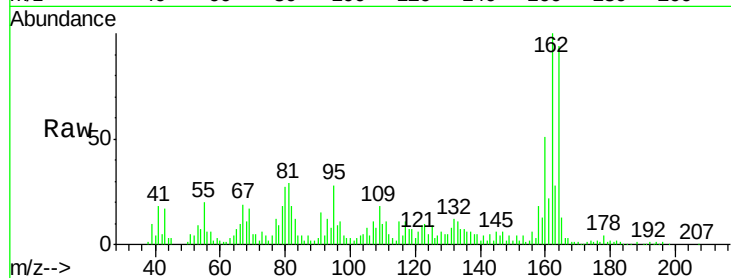
Tot Ion:164 Resp: 108157

Ion Ratio Lower Upper

164 100

162 106.9 78.0 117.0

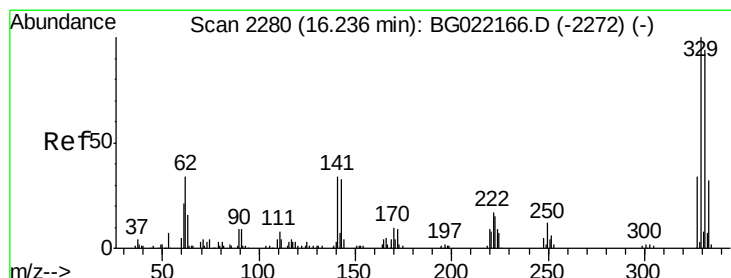
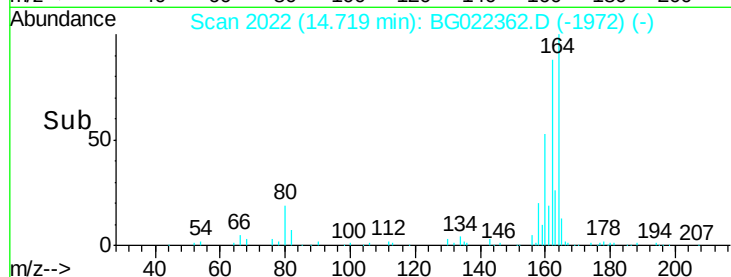
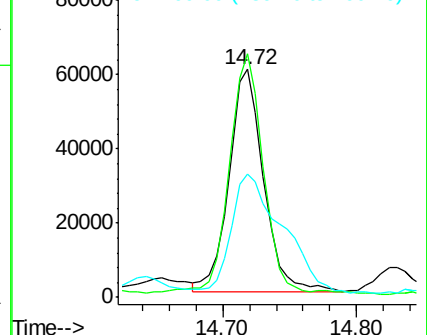
160 54.3 32.9 49.3#



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: 86.25 ng

RT: 16.23 min Scan# 2279

Delta R.T. 0.01 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

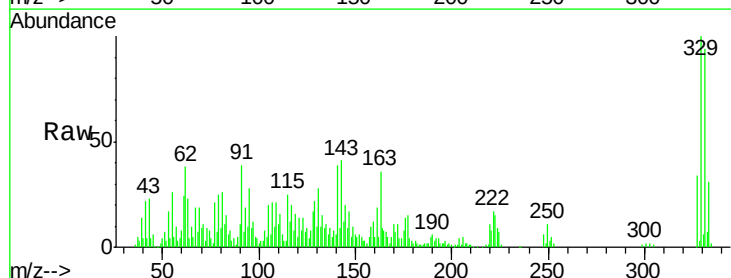
Tgt Ion:330 Resp: 105408

Ion Ratio Lower Upper

330 100

332 96.4 78.0 117.0

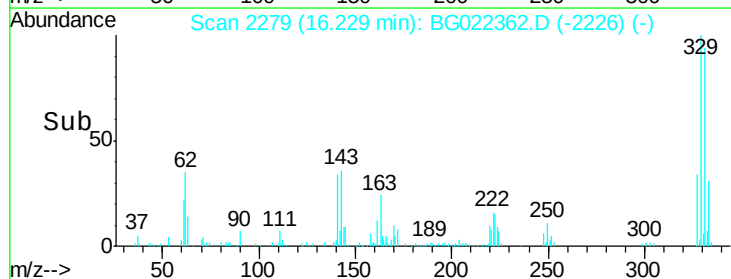
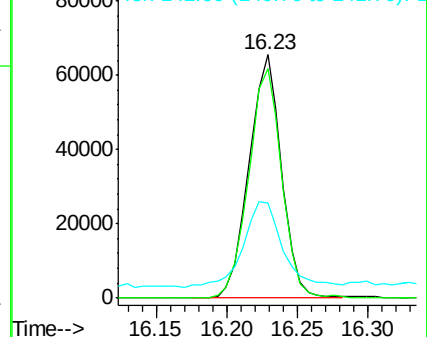
141 42.6 33.8 50.8

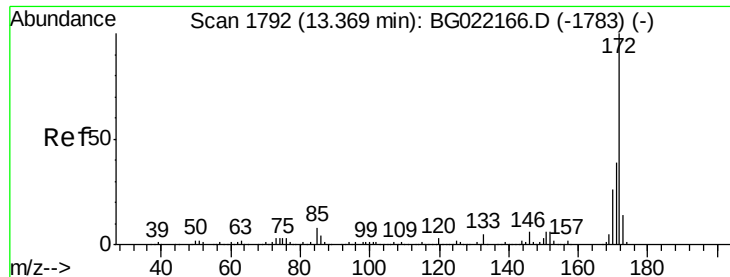


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

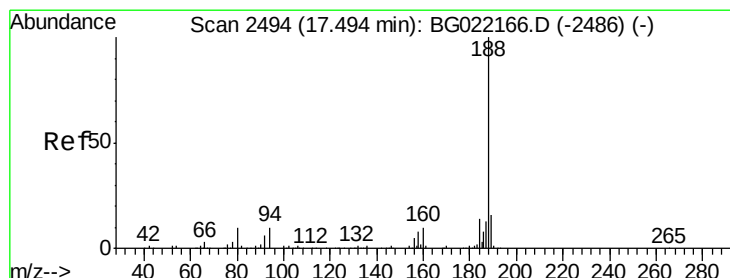
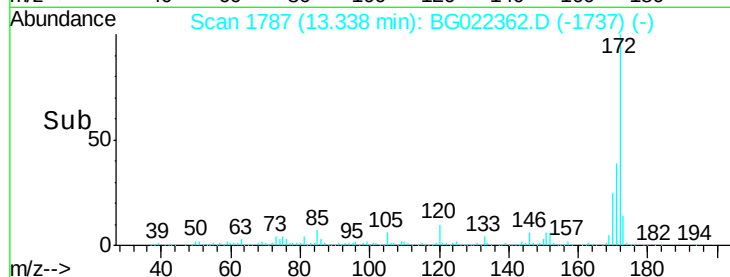
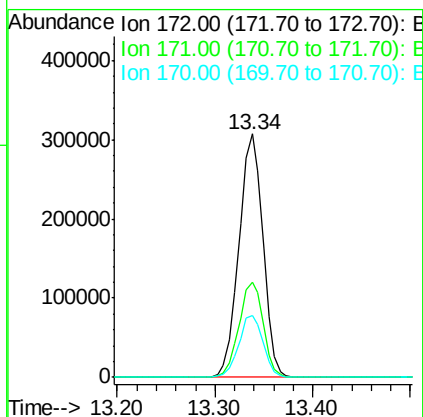
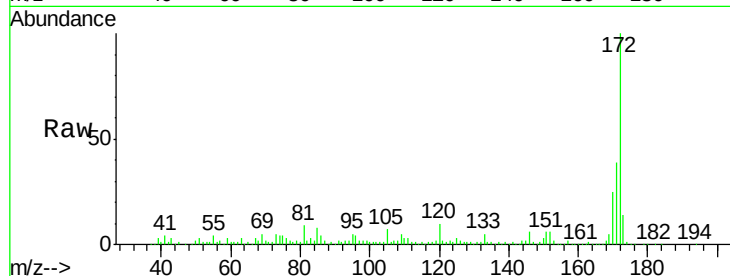




#44
2-Fluorobiphenyl
Concen: 74.19 ng
RT: 13.34 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG022362.D
Acq: 15 Jun 2016 10:02

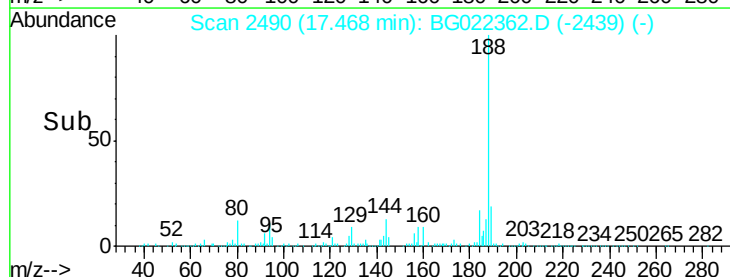
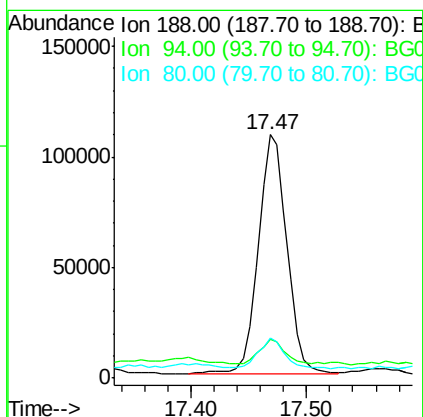
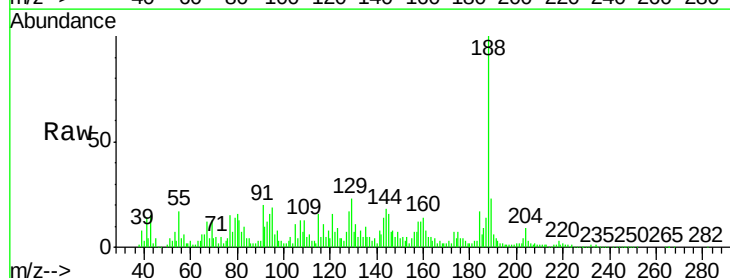
Instrument :
BNA_G
ClientSampleId :
W-02

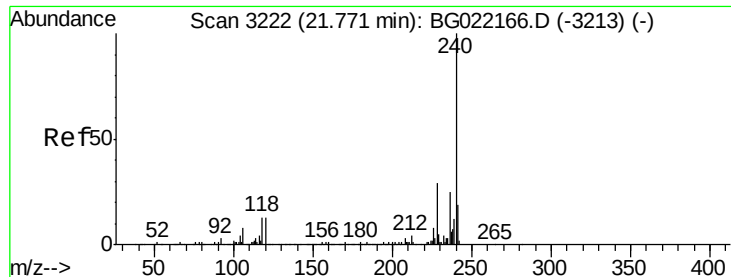
Tot Ion	Ratio	Lower	Upper
172	100		
171	39.3	27.8	41.6
170	25.5	19.6	29.4



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.47 min Scan# 2490
Delta R.T. 0.00 min
Lab File: BG022362.D
Acq: 15 Jun 2016 10:02

Tgt Ion	Ratio	Lower	Upper
188	100		
94	16.1	7.5	11.3#
80	16.2	8.6	13.0#





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.74 min Scan# 3217

Delta R.T. 0.00 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

Instrument :

BNA_G

ClientSampled :

W-02

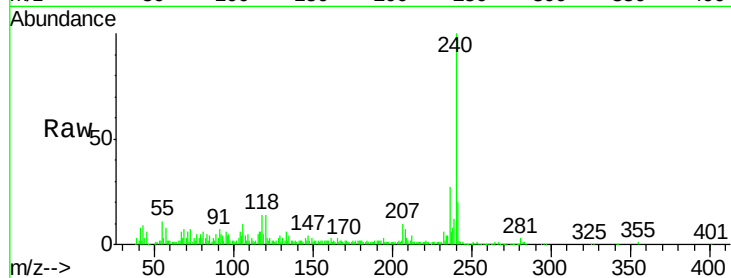
Tot Ion:240 Resp: 151622

Ion Ratio Lower Upper

240 100

120 13.6 8.4 12.6#

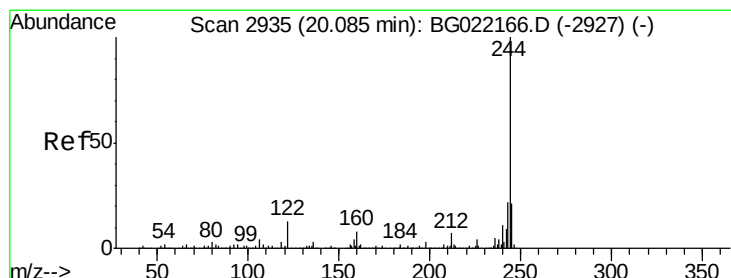
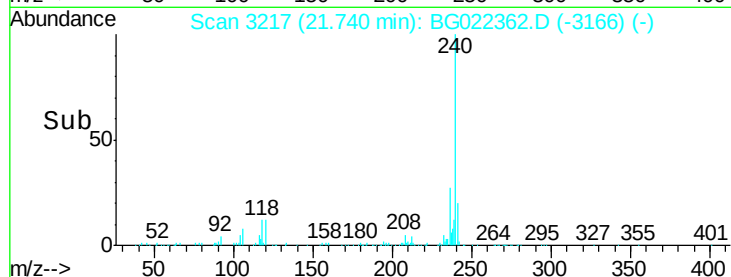
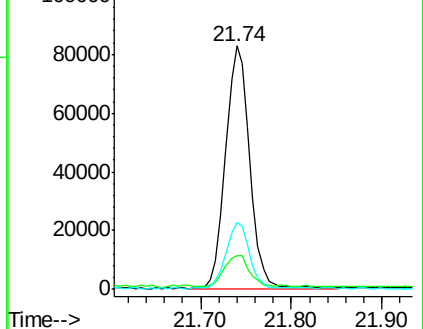
236 27.3 19.6 29.4



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: 60.31 ng

RT: 20.07 min Scan# 2932

Delta R.T. 0.01 min

Lab File: BG022362.D

Acq: 15 Jun 2016 10:02

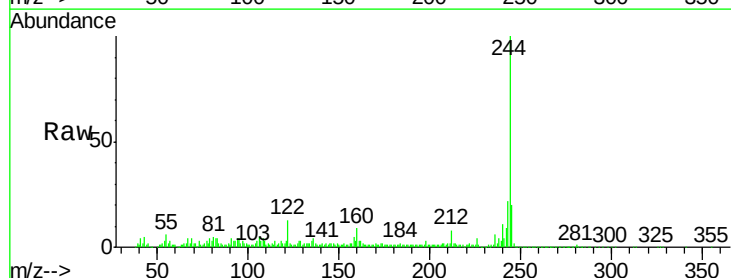
Tgt Ion:244 Resp: 385141

Ion Ratio Lower Upper

244 100

212 7.7 6.5 9.7

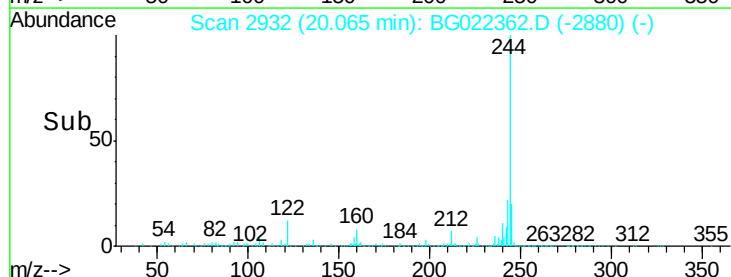
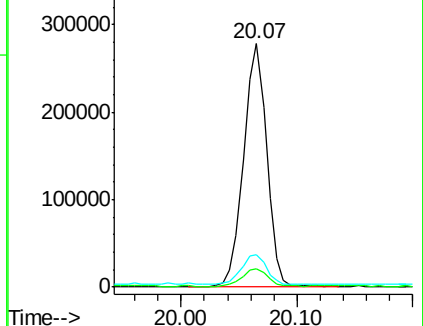
122 13.1 8.6 12.8#

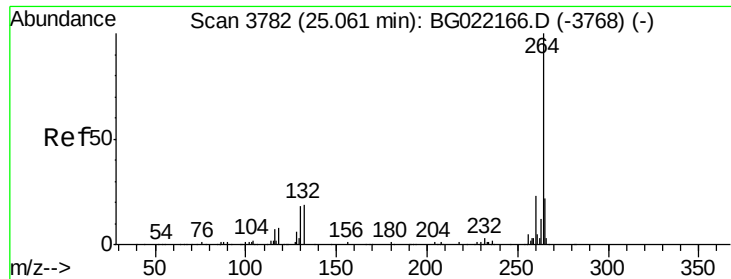


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#86
Pervlene-d12
Concen: 20.00 ng
RT: 25.02 min Scan# 3775
Delta R.T. 0.01 min
Lab File: BG022362.D
Acq: 15 Jun 2016 10:02

Instrument :
BNA_G
ClientSampleId :
W-02

Tot Ion	Ratio	Lower	Upper
264	100		
260	25.5	20.2	30.4
265	20.5	17.8	26.8

