

Data Path : Z:\HPCHEM1\BNA G\DATA\BG020317\
 Data File : BG025788.D
 Acq On : 3 Feb 2017 10:39
 Operator : SJ/MA
 Sample : I1661-04
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 WC-B28-B36-001

Quant Time: Feb 03 12:50:45 2017
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG013017.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Jan 30 18:29:38 2017
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.17	152	72551	20.00	ng	0.00
21) Naphthalene-d8	10.99	136	303009	20.00	ng	0.00
38) Acenaphthene-d10	14.79	164	235829	20.00	ng	0.00
63) Phenanthrene-d10	17.54	188	545252	20.00	ng	0.00
75) Chrysene-d12	21.83	240	692588	20.00	ng	-0.01
86) Perylene-d12	25.21	264	676700	20.00	ng	-0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.71	112	620793	153.35	ng	0.00
7) Phenol-d6	7.33	99	842209	142.45	ng	0.00
23) Nitrobenzene-d5	9.35	82	697496	97.26	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	497171	147.83	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1468298	101.12	ng	0.00
78) Terphenyl-d14	20.12	244	2568996	89.53	ng	0.00

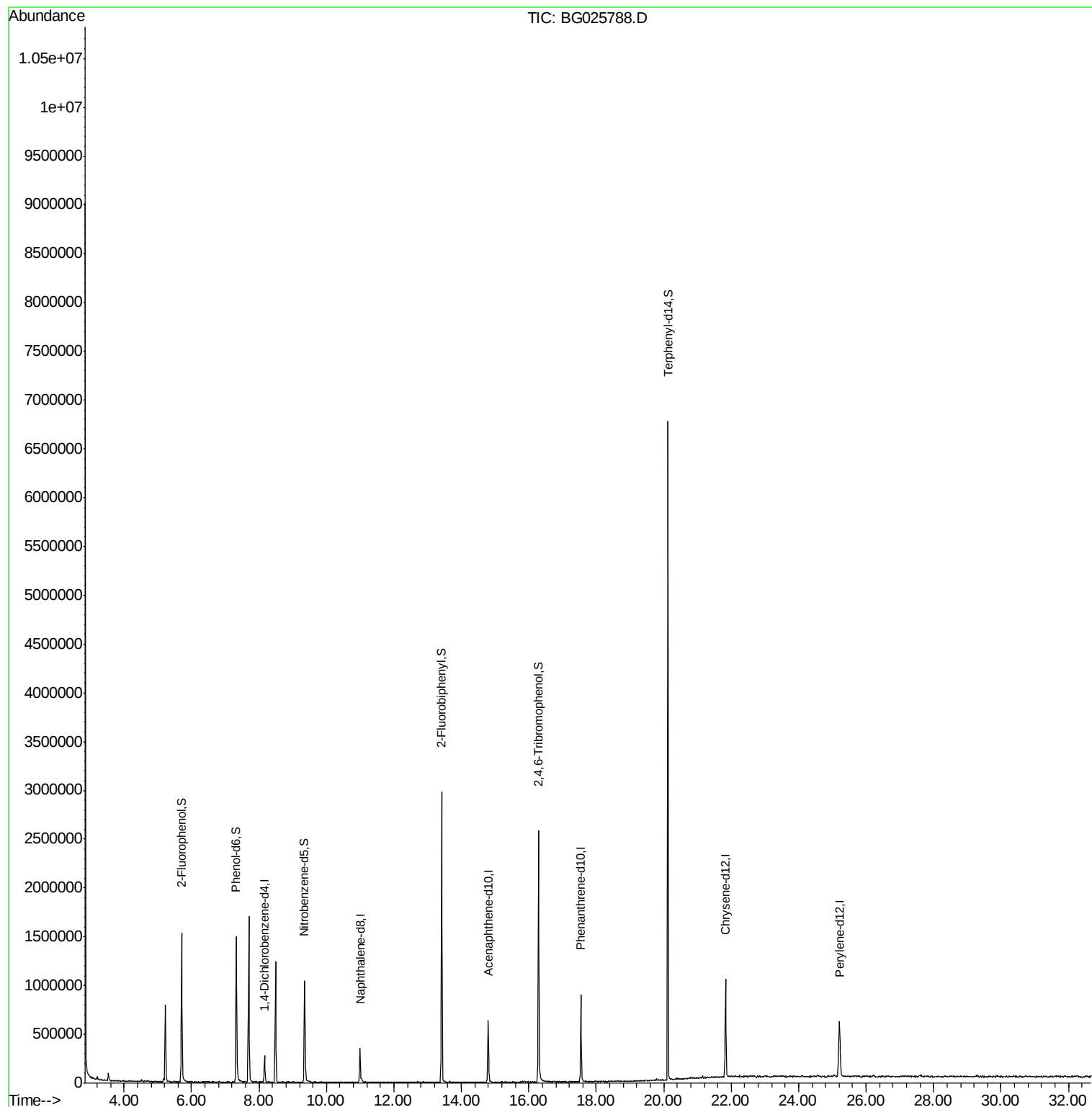
Target Compounds Qvalue

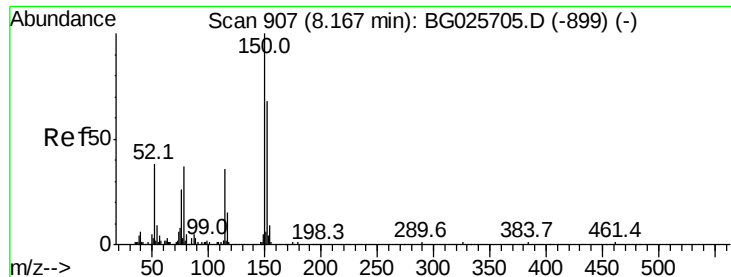
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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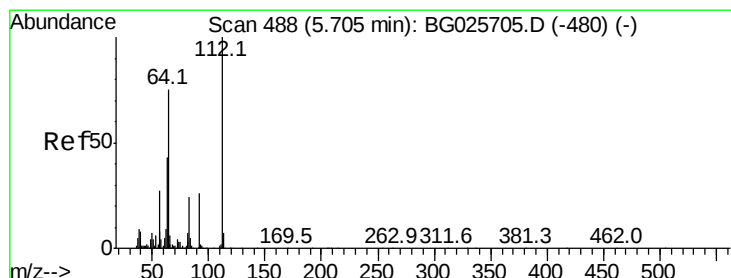
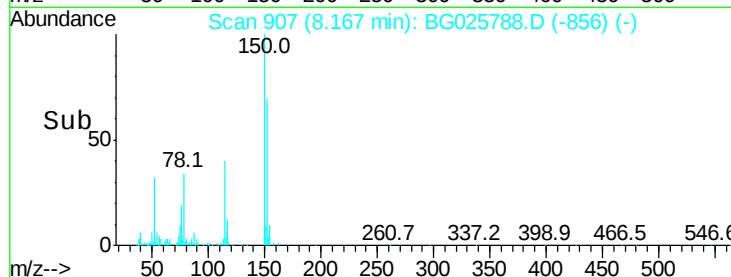
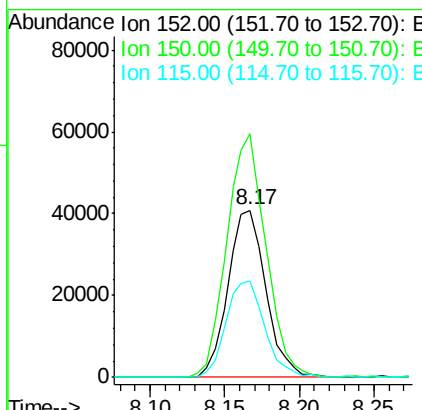
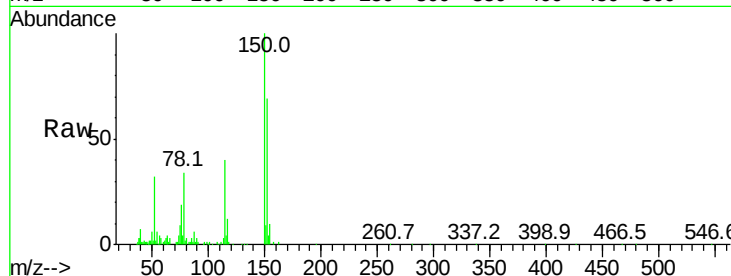


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.17 min Scan# 907
Delta R.T. -0.00 min
Lab File: BG025788.D
Acq: 3 Feb 2017 10:39

Instrument :
BNA_G
ClientSampleId :
WC-B28-B36-001

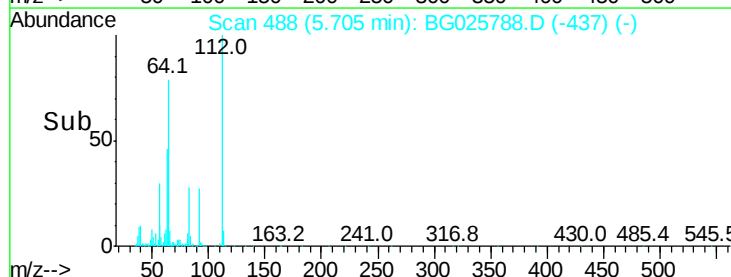
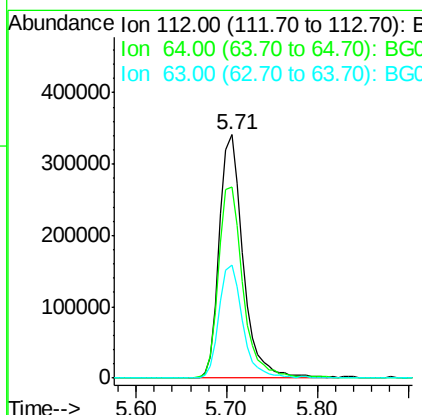
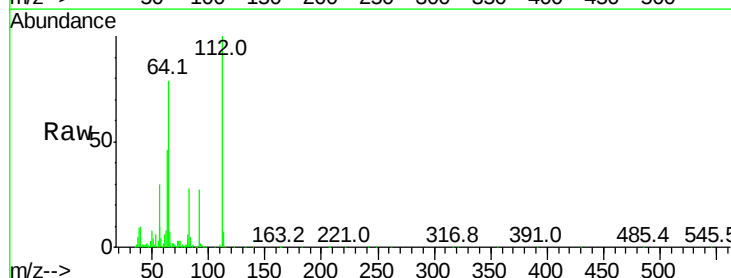
Tot Ion	Ratio	Lower	Upper
152	100		
150	145.9	114.0	171.0
115	57.9	48.1	72.1

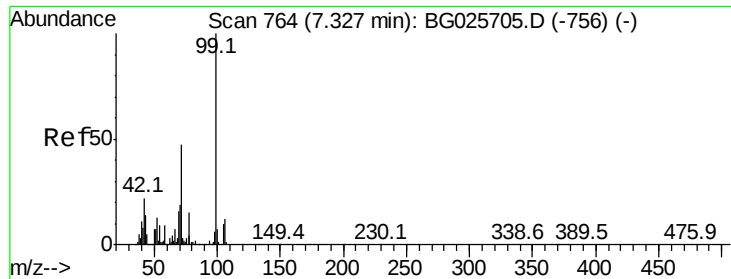


#5

2-Fluorophenol
Concen: 153.35 ng
RT: 5.71 min Scan# 488
Delta R.T. -0.00 min
Lab File: BG025788.D
Acq: 3 Feb 2017 10:39

Tgt Ion	Ratio	Lower	Upper
112	100		
64	78.8	61.8	92.6
63	46.5	37.2	55.8





#7

Phenol-d6

Concen: 142.45 ng

RT: 7.33 min Scan# 764

Delta R.T. -0.00 min

Lab File: BG025788.D

Acq: 3 Feb 2017 10:39

Instrument :

BNA_G

ClientSampleId :

WC-B28-B36-001

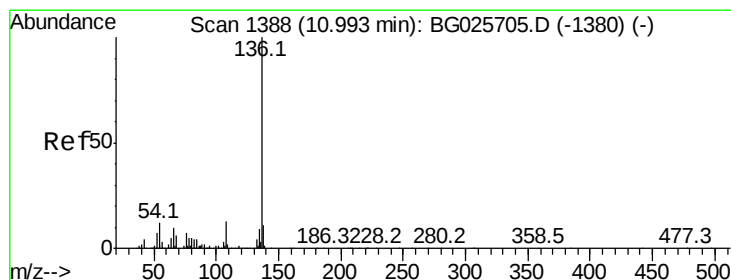
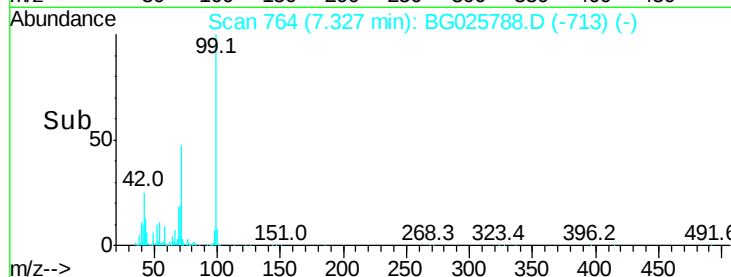
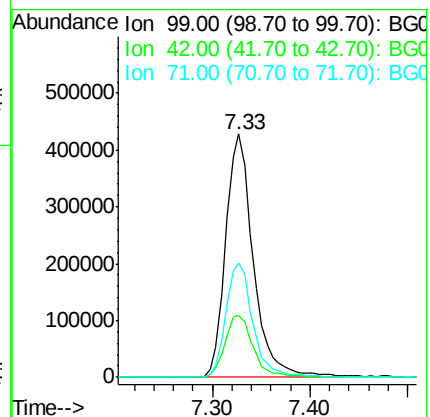
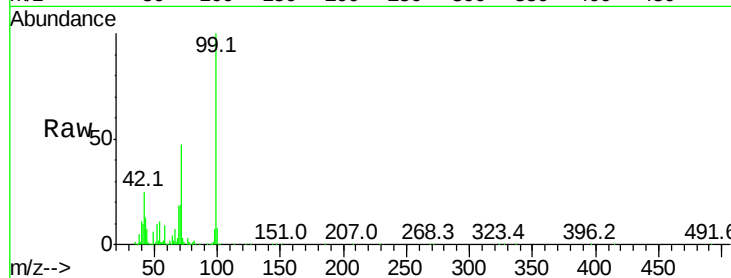
Tot Ion: 99 Resp: 842209

Ion Ratio Lower Upper

99 100

42 25.4 20.5 30.7

71 47.0 37.6 56.4



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.99 min Scan# 1388

Delta R.T. -0.00 min

Lab File: BG025788.D

Acq: 3 Feb 2017 10:39

Tgt Ion: 136 Resp: 303009

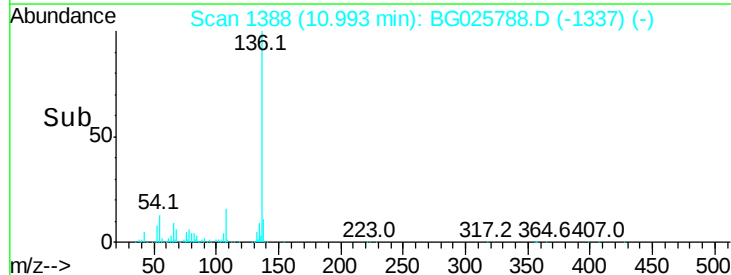
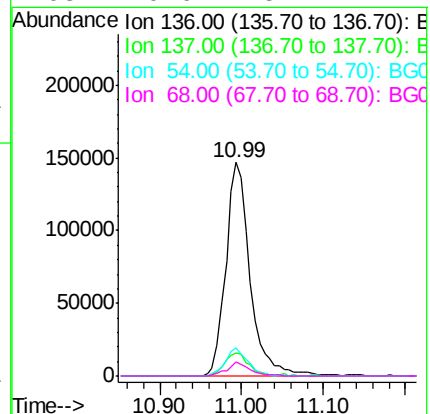
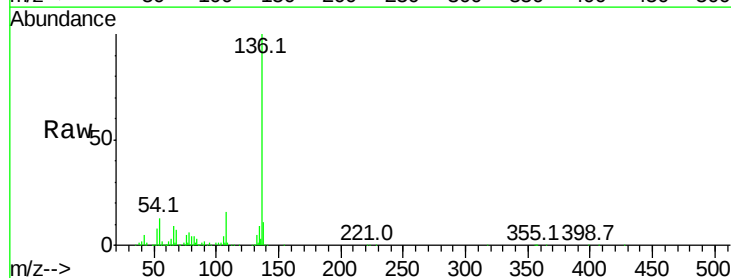
Ion Ratio Lower Upper

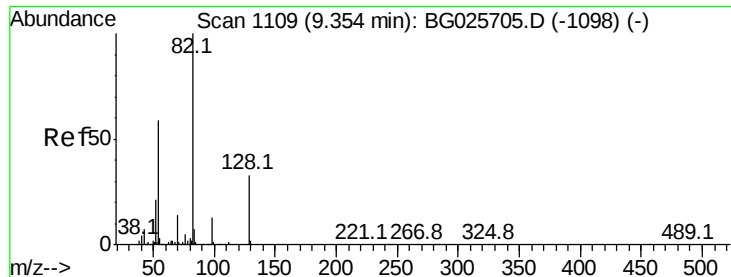
136 100

137 10.9 8.9 13.3

54 13.4 9.3 13.9

68 6.6 5.1 7.7

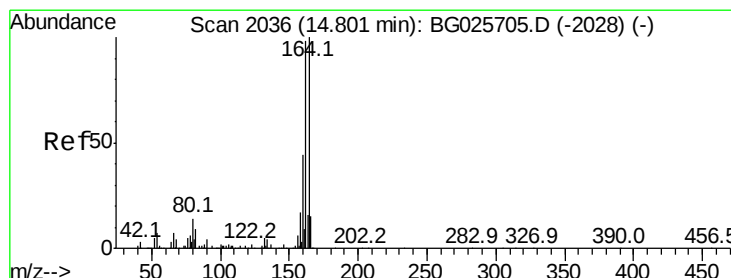
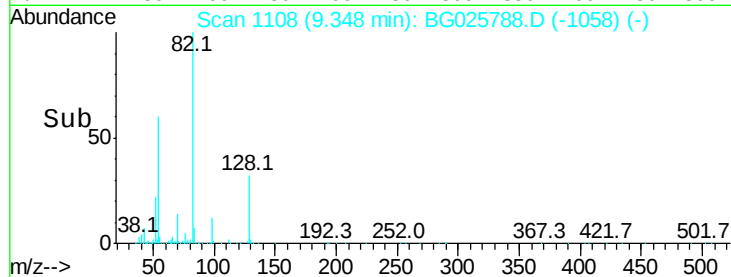
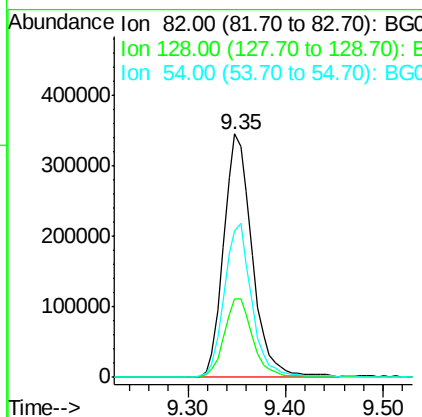
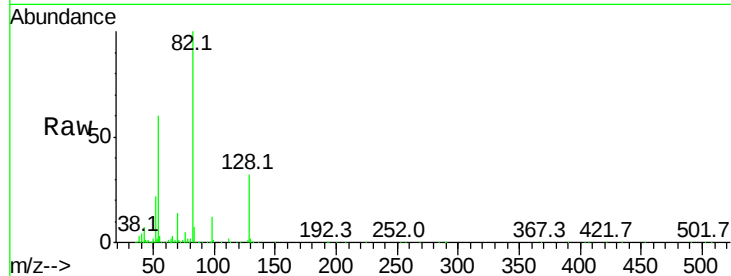




#23
 Nitrobenzene-d5
 Concen: 97.26 ng
 RT: 9.35 min Scan# 1108
 Delta R.T. -0.01 min
 Lab File: BG025788.D
 Acq: 3 Feb 2017 10:39

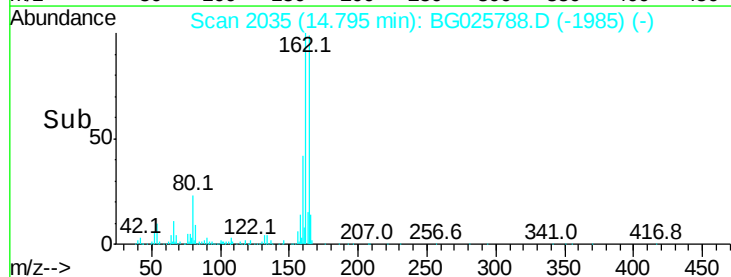
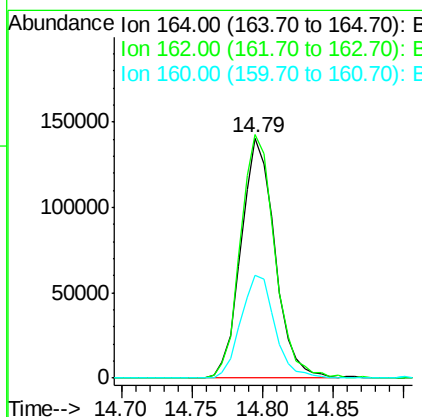
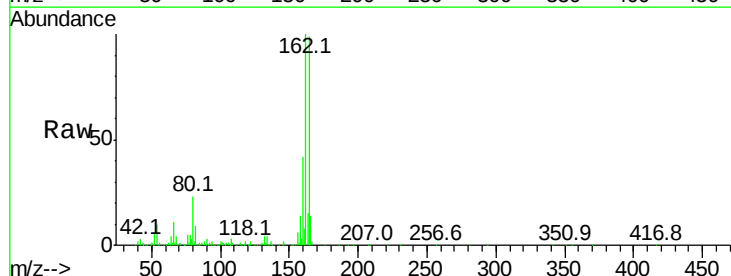
Instrument :
 BNA_G
 ClientSampleId :
 WC-B28-B36-001

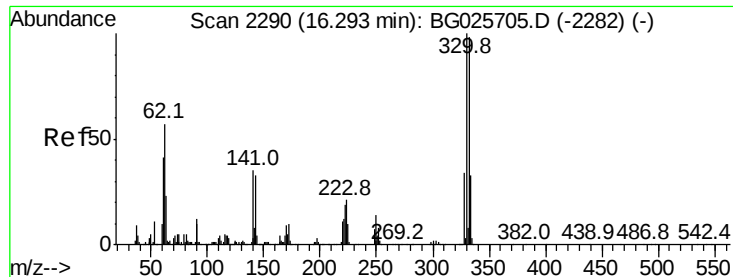
Tot Ion	82	Resp	697496
Ion Ratio	Lower	Upper	
82	100		
128	32.3	26.4	39.6
54	60.2	49.4	74.2



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.79 min Scan# 2035
 Delta R.T. -0.01 min
 Lab File: BG025788.D
 Acq: 3 Feb 2017 10:39

Tgt Ion	164	Resp	235829
Ion Ratio	Lower	Upper	
164	100		
162	101.4	85.1	127.7
160	42.8	34.7	52.1

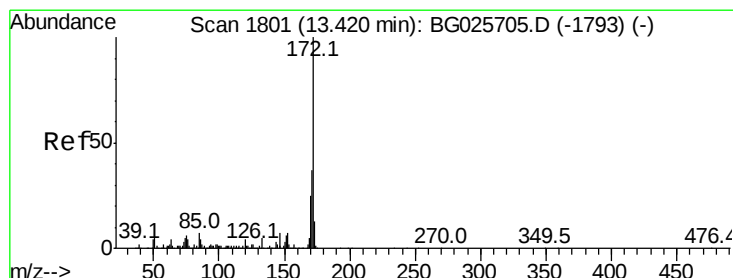
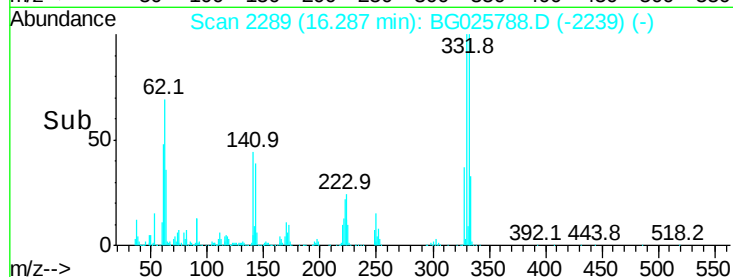
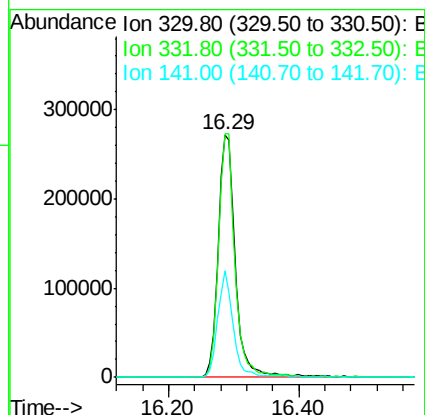
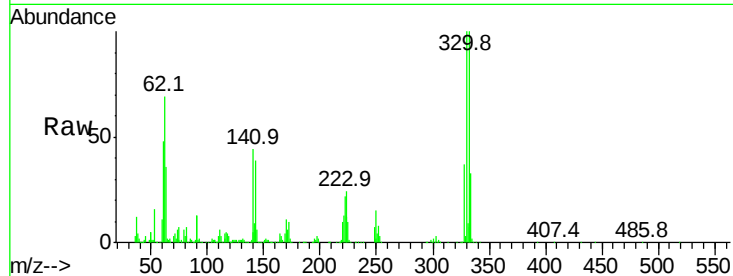




#41
 2,4,6-Tribromophenol
 Concen: 147.83 ng
 RT: 16.29 min Scan# 2289
 Delta R.T. -0.01 min
 Lab File: BG025788.D
 Acq: 3 Feb 2017 10:39

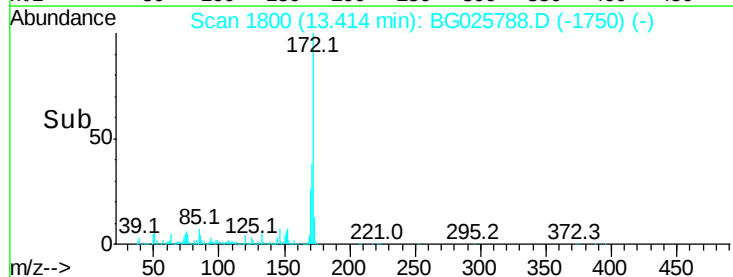
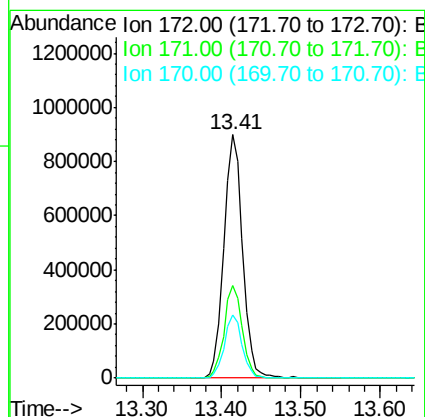
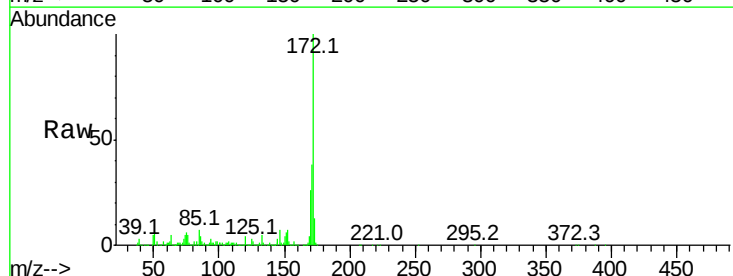
Instrument :
 BNA_G
 ClientSampleId :
 WC-B28-B36-001

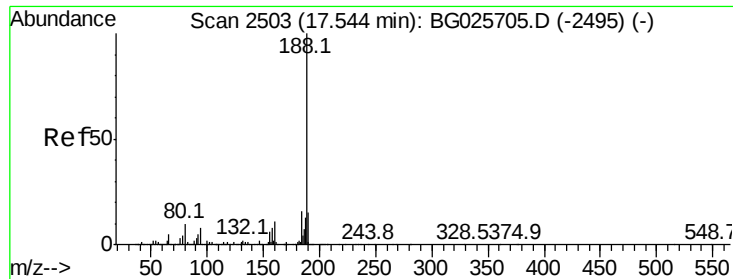
Tot Ion:330 Resp: 497171
 Ion Ratio Lower Upper
 330 100
 332 95.8 77.3 115.9
 141 39.7 32.1 48.1



#44
 2-Fluorobiphenyl
 Concen: 101.12 ng
 RT: 13.41 min Scan# 1800
 Delta R.T. -0.01 min
 Lab File: BG025788.D
 Acq: 3 Feb 2017 10:39

Tgt Ion:172 Resp: 1468298
 Ion Ratio Lower Upper
 172 100
 171 37.9 32.2 48.2
 170 25.7 21.8 32.6





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.54 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG025788.D

Acq: 3 Feb 2017 10:39

Instrument :

BNA_G

ClientSampleId :

WC-B28-B36-001

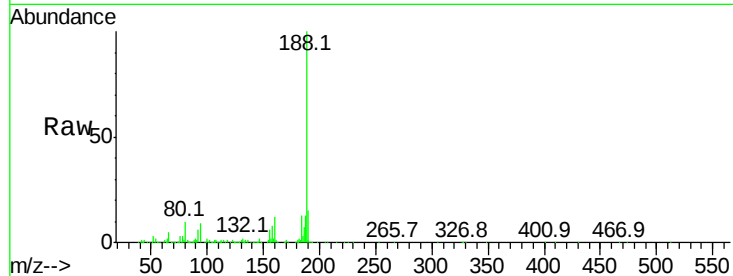
Tot Ion:188 Resp: 545252

Ion Ratio Lower Upper

188 100

94 9.3 5.8 8.8#

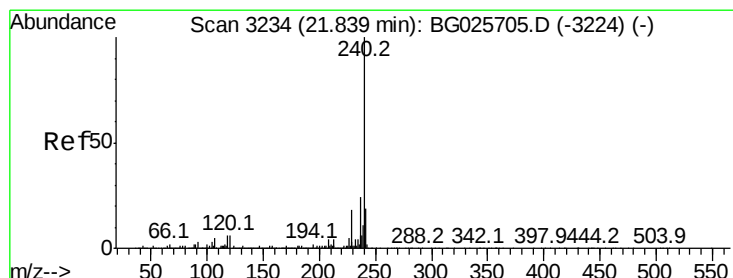
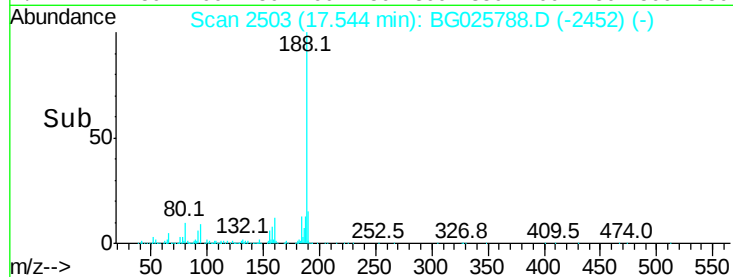
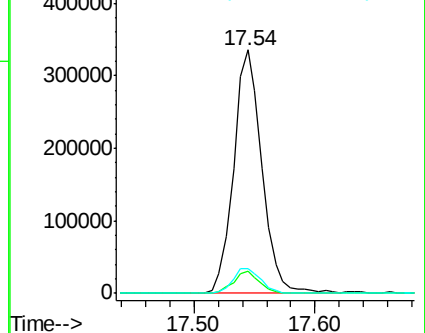
80 10.4 7.5 11.3



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: 21.83 min Scan# 3232

Delta R.T. -0.01 min

Lab File: BG025788.D

Acq: 3 Feb 2017 10:39

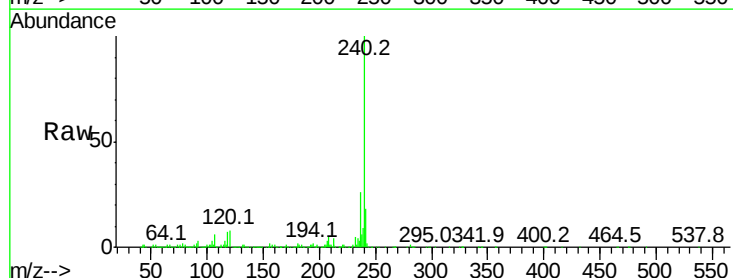
Tgt Ion:240 Resp: 692588

Ion Ratio Lower Upper

240 100

120 8.2 5.7 8.5

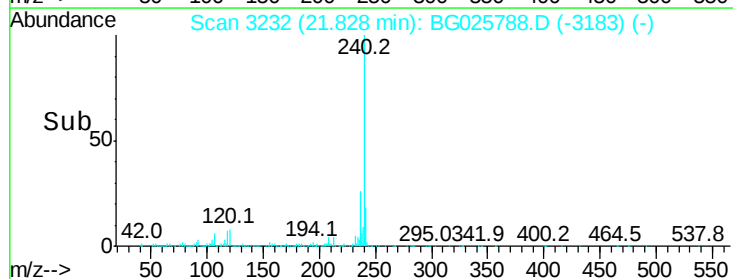
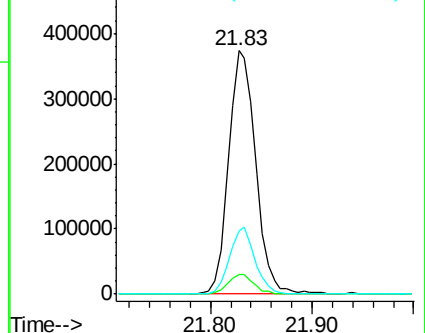
236 26.2 22.2 33.4

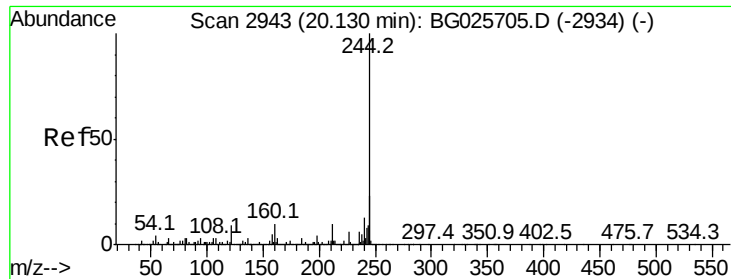


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#78

Terphenyl-d14

Concen: 89.53 ng

RT: 20.12 min Scan# 2942

Delta R.T. -0.01 min

Lab File: BG025788.D

Acq: 3 Feb 2017 10:39

Instrument :

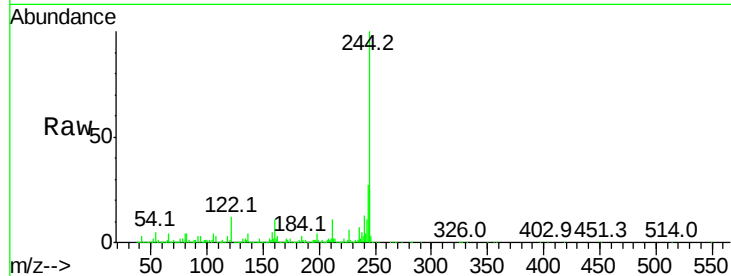
BNA_G

ClientSampleId :

WC-B28-B36-001

Tot Ion:244 Resp: 2568996

Ion	Ratio	Lower	Upper
244	100		
212	11.4	10.0	15.0
122	11.6	8.6	12.8

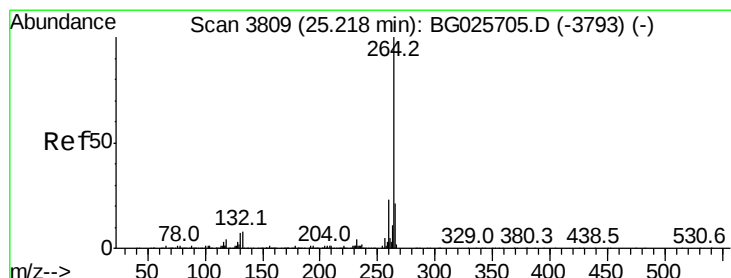
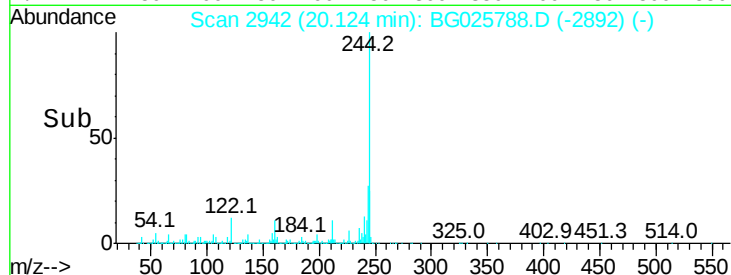
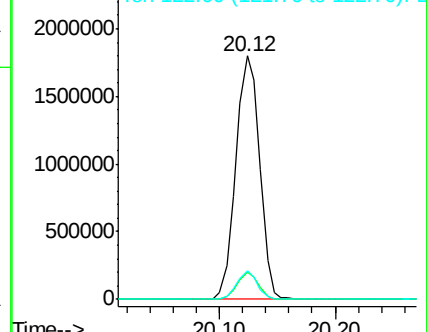


Abundance

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

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3807

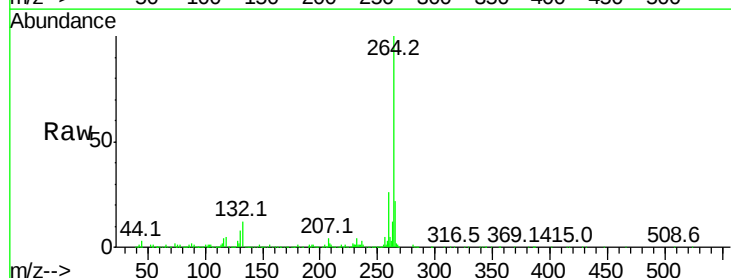
Delta R.T. -0.01 min

Lab File: BG025788.D

Acq: 3 Feb 2017 10:39

Tgt Ion:264 Resp: 676700

Ion	Ratio	Lower	Upper
264	100		
260	25.9	21.8	32.8
265	21.7	18.2	27.4



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

