

Data Path : Z:\HPCHEM1\BNA G\DATA\BG062116\
 Data File : BG022496.D
 Acq On : 22 Jun 2016 11:34
 Operator : UM/SJ
 Sample : H3601-13
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 22 14:01:55 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG060616.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Jun 22 01:27:56 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.99	152	18947	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	85946	20.00	ng	0.00
38) Acenaphthene-d10	14.63	164	54224	20.00	ng	0.00
63) Phenanthrene-d10	17.38	188	137474	20.00	ng	0.00
75) Chrysene-d12	21.64	240	113175	20.00	ng	0.00
86) Perylene-d12	24.85	264	47018	20.00	ng	0.01
System Monitoring Compounds						
5) 2-Fluorophenol	5.54	112	165522	168.91	ng	0.00
7) Phenol-d6	7.17	99	233435	151.51	ng	-0.01
23) Nitrobenzene-d5	9.16	82	124745	101.19	ng	0.00
41) 2,4,6-Tribromophenol	16.12	330	76345	124.60	ng	0.00
44) 2-Fluorobiphenyl	13.25	172	347062	97.54	ng	0.00
78) Terphenyl-d14	19.98	244	527607	110.68	ng	0.00

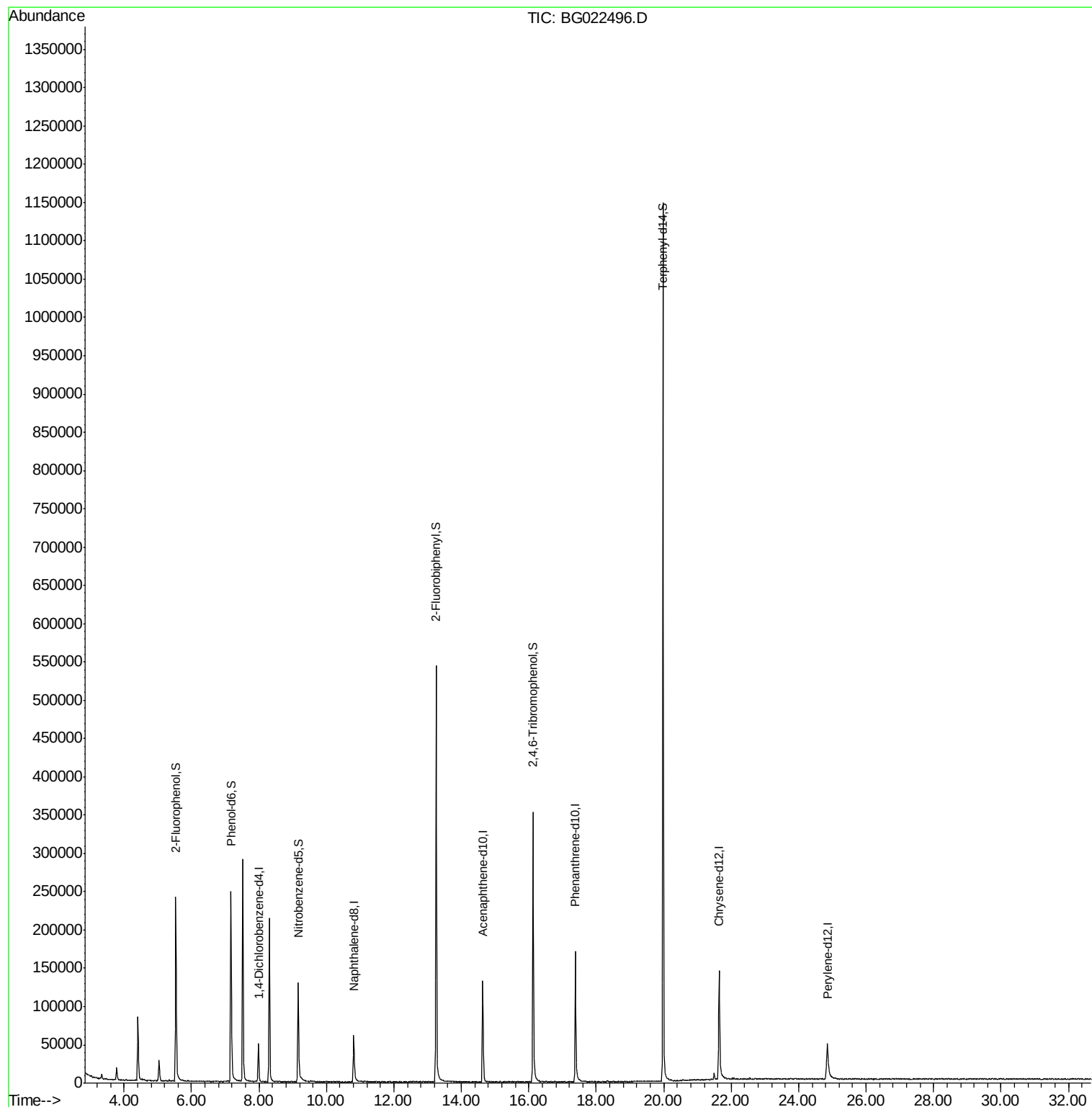
Target Compounds Qvalue

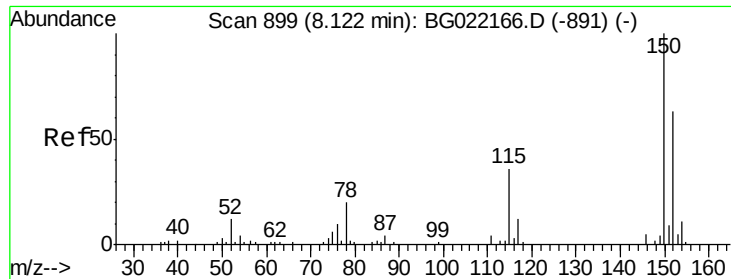
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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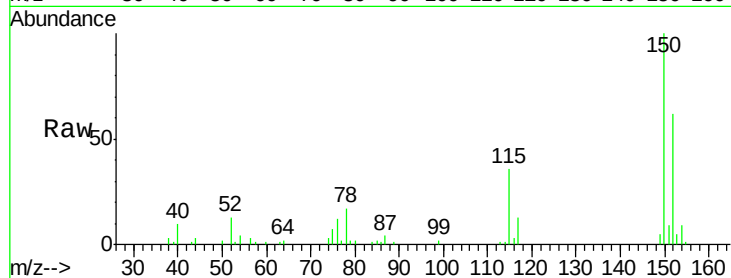


#1

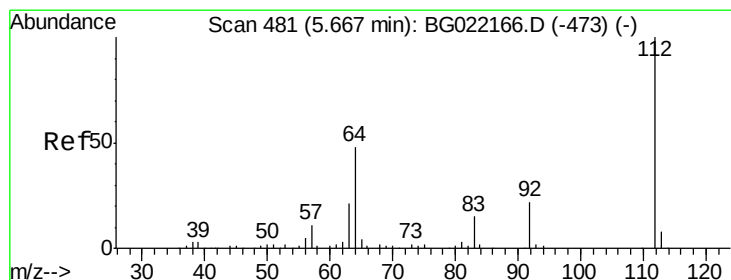
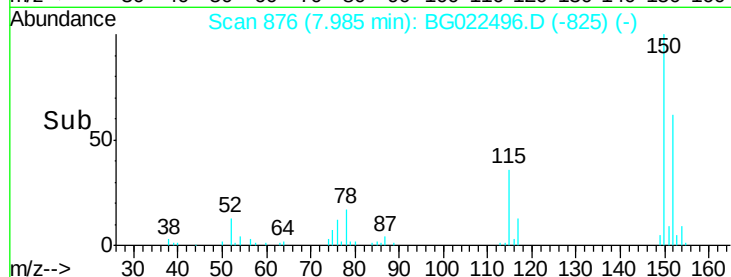
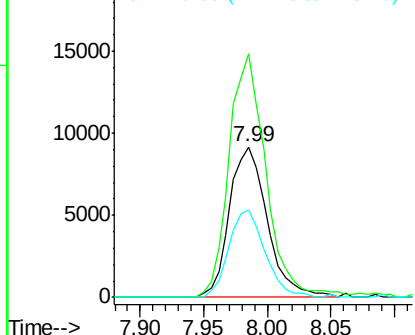
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.99 min Scan# 876
Delta R.T. -0.00 min
Lab File: BG022496.D
Acq: 22 Jun 2016 11:34

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 18947
Ion Ratio Lower Upper
152 100
150 161.8 130.1 195.1
115 58.1 62.2 93.2#



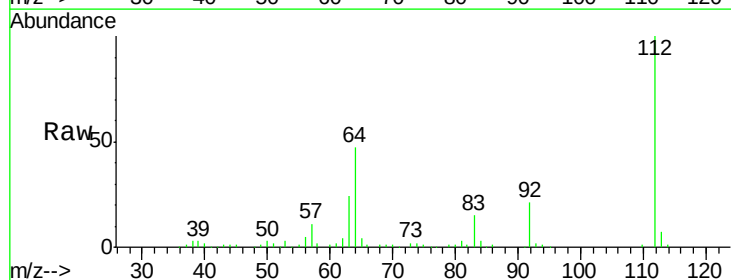
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



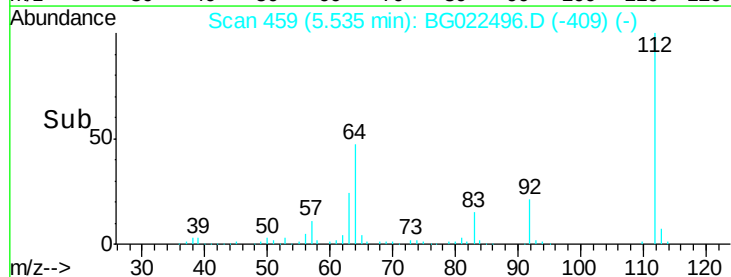
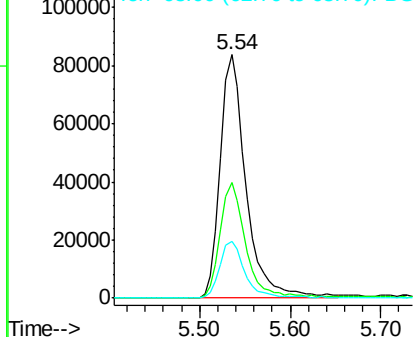
#5

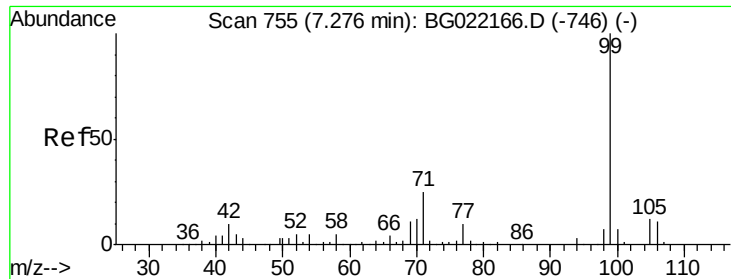
2-Fluorophenol
Concen: 168.91 ng
RT: 5.54 min Scan# 459
Delta R.T. -0.01 min
Lab File: BG022496.D
Acq: 22 Jun 2016 11:34

Tgt Ion:112 Resp: 165522
Ion Ratio Lower Upper
112 100
64 47.4 51.1 76.7#
63 23.6 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: 151.51 ng

RT: 7.17 min Scan# 737

Delta R.T. -0.01 min

Lab File: BG022496.D

Acq: 22 Jun 2016 11:34

Instrument :

BNA_G

ClientSampleId :

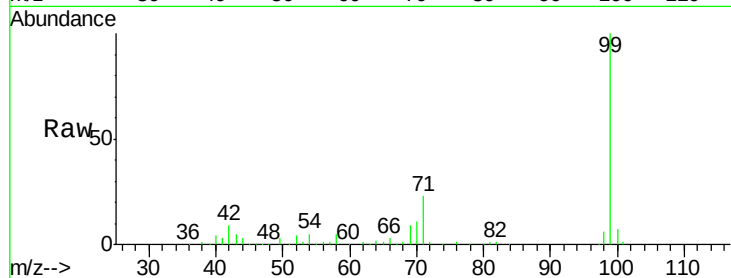
Tot Ion: 99 Resp: 233435

Ion Ratio Lower Upper

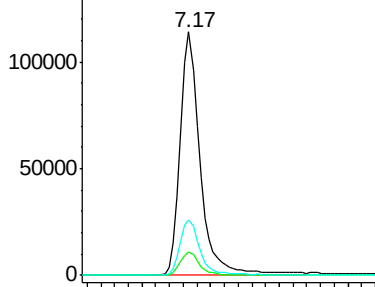
99 100

42 9.5 16.4 24.6#

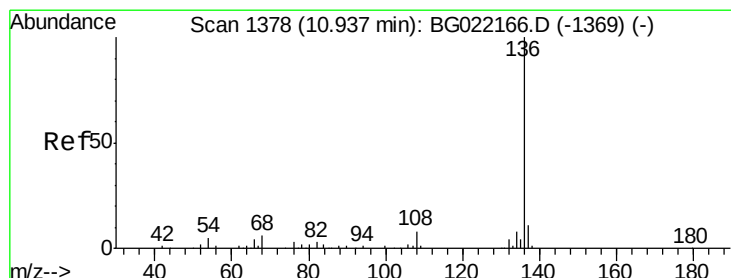
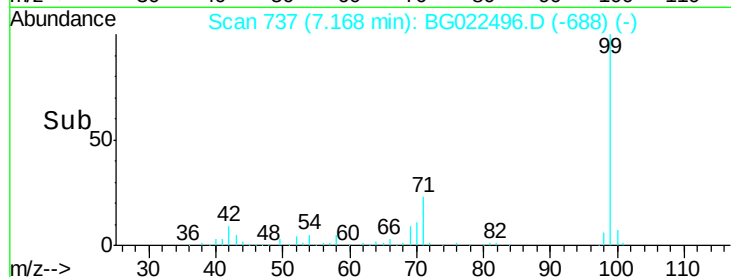
71 22.7 25.0 37.4#



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



Time-->



#21

Naphthalene-d8

Concen: 20.00 ng

RT: 10.81 min Scan# 1356

Delta R.T. -0.00 min

Lab File: BG022496.D

Acq: 22 Jun 2016 11:34

Tgt Ion: 136 Resp: 85946

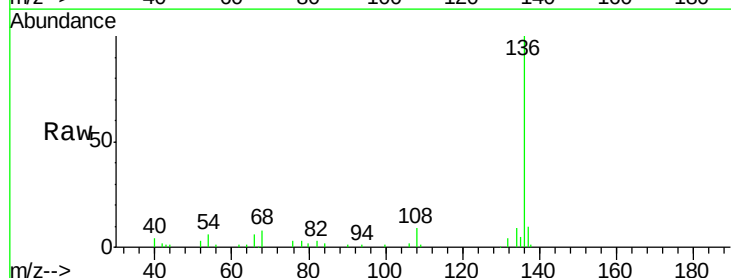
Ion Ratio Lower Upper

136 100

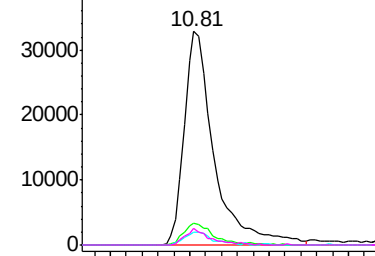
137 10.2 9.0 13.4

54 6.2 9.6 14.4#

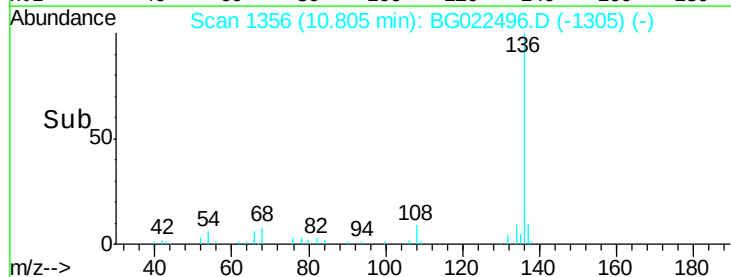
68 7.8 6.4 9.6

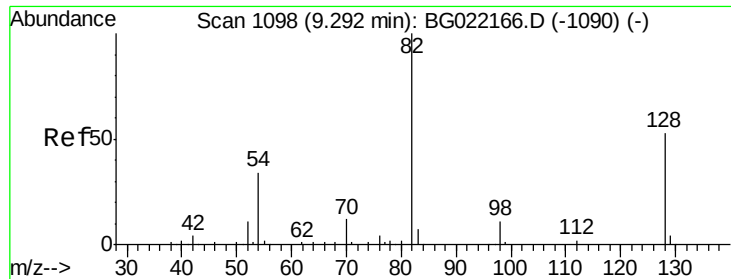


Abundance Ion 136.00 (135.70 to 136.70): BGC
Ion 137.00 (136.70 to 137.70): BGC
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC



Time-->

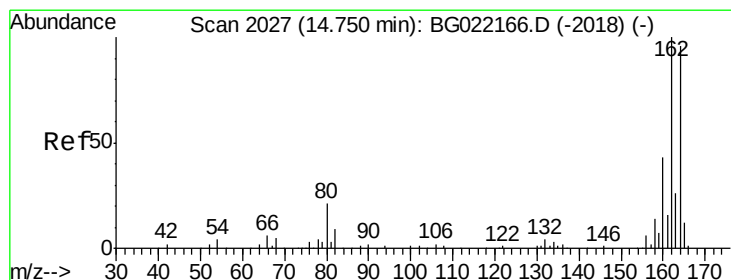
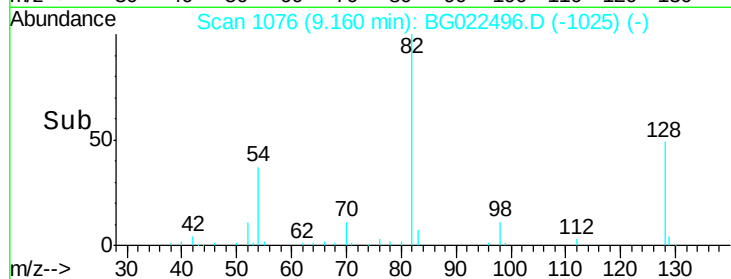
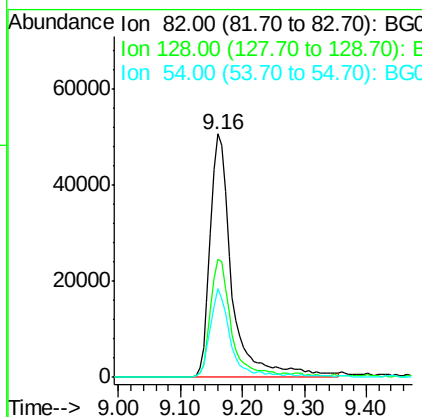
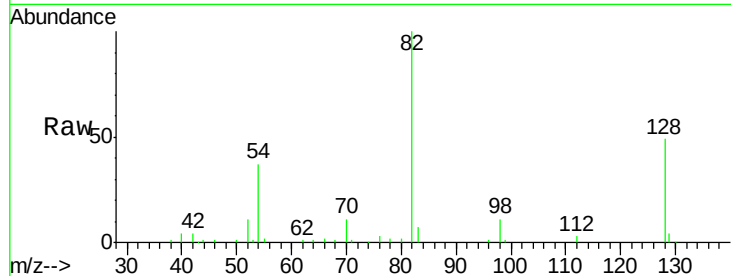




#23
 Nitrobenzene-d5
 Concen: 101.19 ng
 RT: 9.16 min Scan# 1076
 Delta R.T. -0.00 min
 Lab File: BG022496.D
 Acq: 22 Jun 2016 11:34

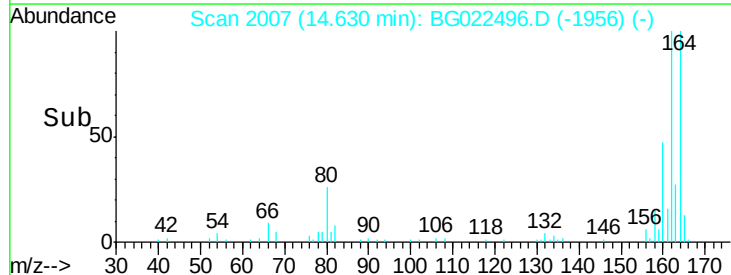
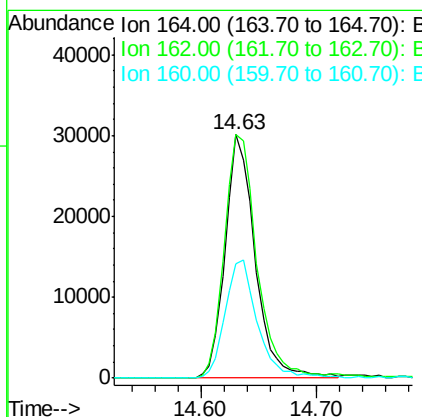
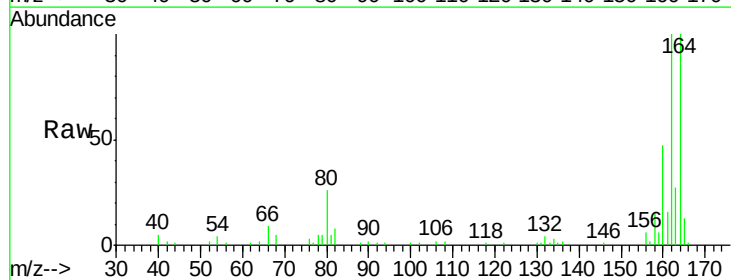
Instrument :
 BNA_G
 ClientSampleId :

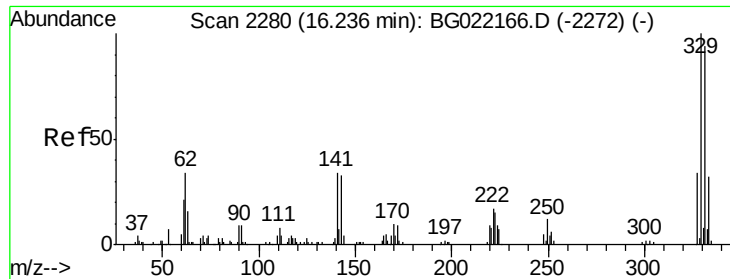
Tot Ion	82	Resp	124745
Ion Ratio	100		
Lower	33.4		
Upper	50.0		
54	36.5	46.1	69.1#



#38
 Acenaphthene-d10
 Concen: 20.00 ng
 RT: 14.63 min Scan# 2007
 Delta R.T. -0.00 min
 Lab File: BG022496.D
 Acq: 22 Jun 2016 11:34

Tgt Ion	164	Resp	54224
Ion Ratio	100		
Lower	78.0		
Upper	117.0		
162	99.9	32.9	49.3

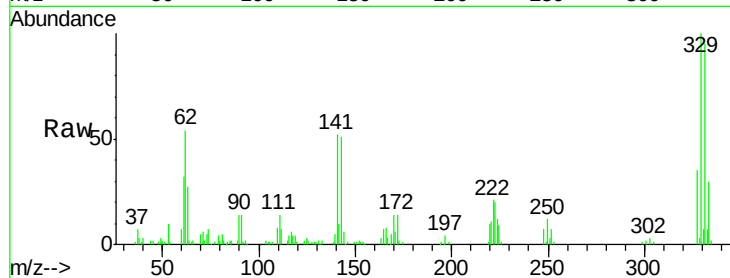




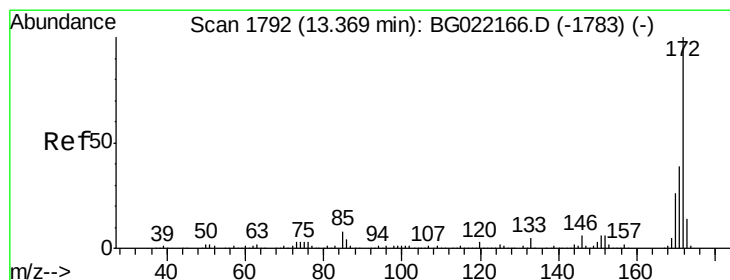
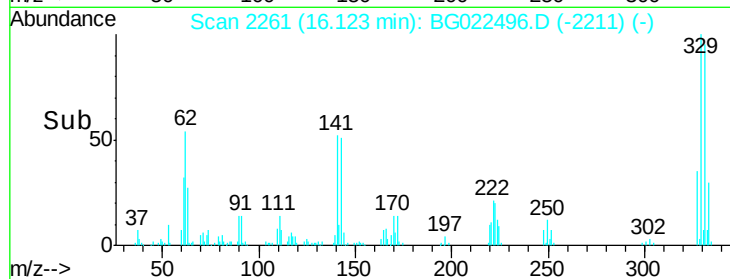
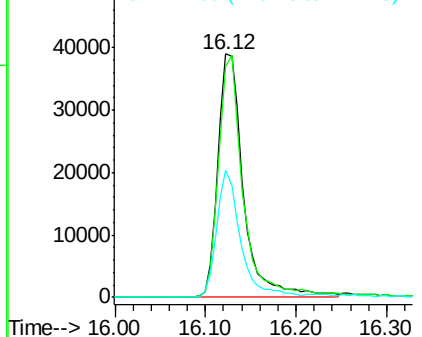
#41
 2,4,6-Tribromophenol
 Concen: 124.60 ng
 RT: 16.12 min Scan# 2261
 Delta R.T. -0.01 min
 Lab File: BG022496.D
 Acq: 22 Jun 2016 11:34

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
330	100		
332	94.6	78.0	117.0
141	48.6	33.8	50.8

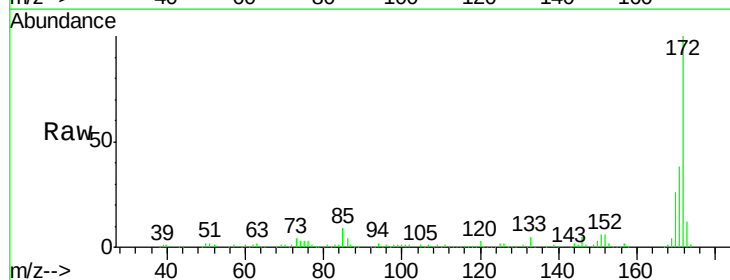


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

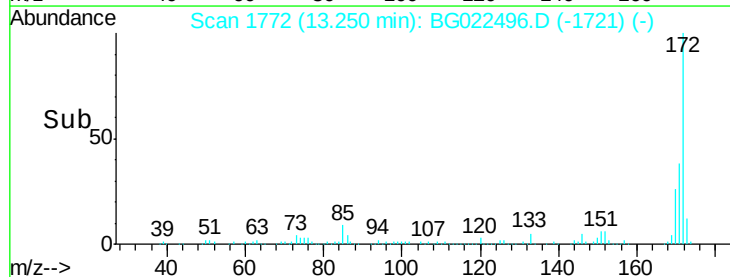
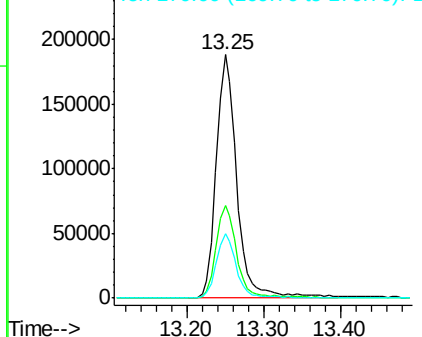


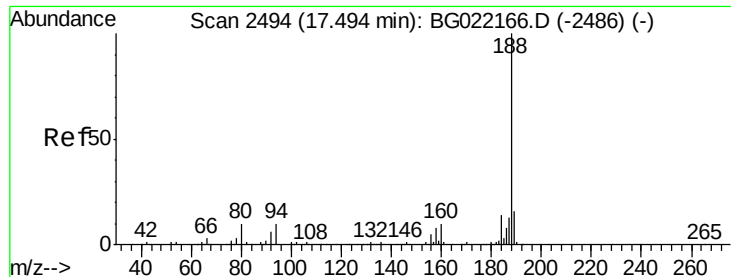
#44
 2-Fluorobiphenyl
 Concen: 97.54 ng
 RT: 13.25 min Scan# 1772
 Delta R.T. -0.00 min
 Lab File: BG022496.D
 Acq: 22 Jun 2016 11:34

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.9	27.8	41.6
170	26.4	19.6	29.4



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

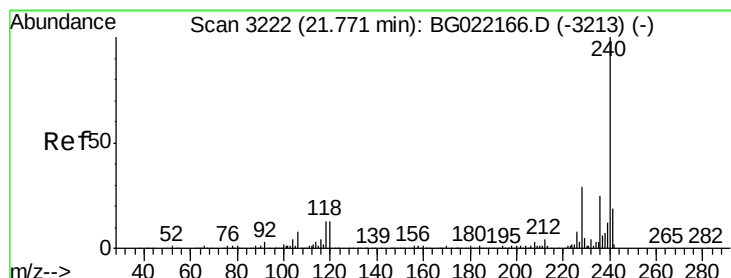
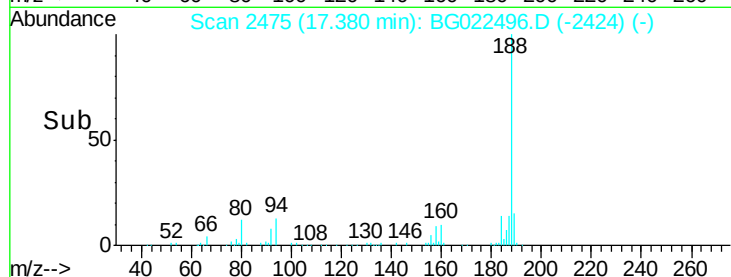
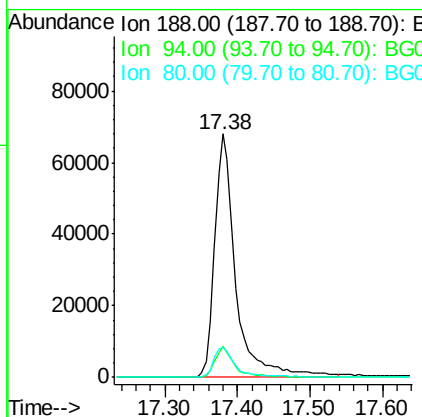
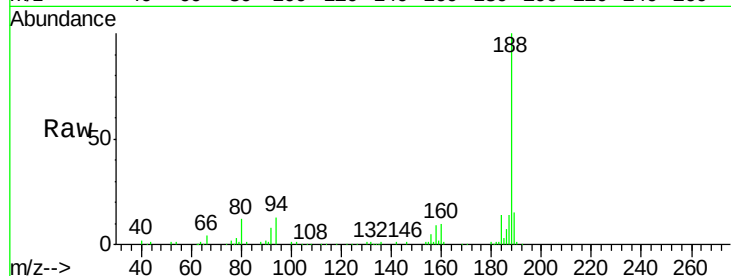




#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.38 min Scan# 2475
Delta R.T. -0.00 min
Lab File: BG022496.D
Acq: 22 Jun 2016 11:34

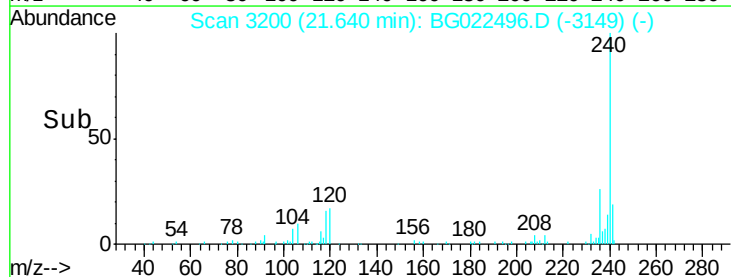
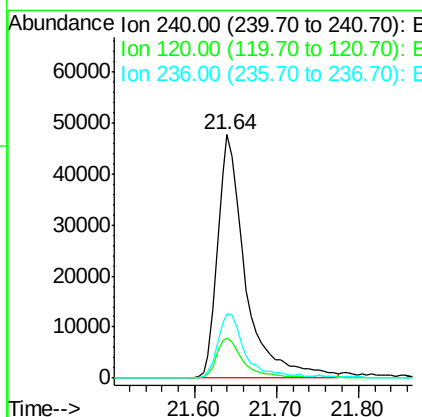
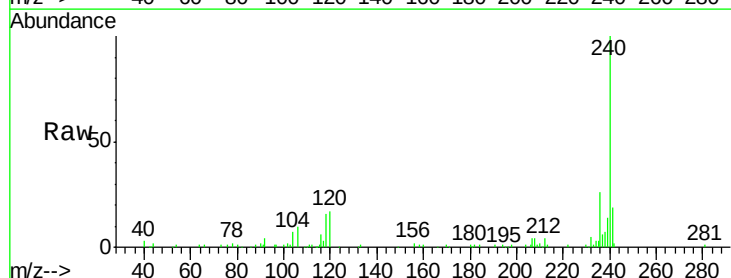
Instrument :
BNA_G
ClientSampleId :

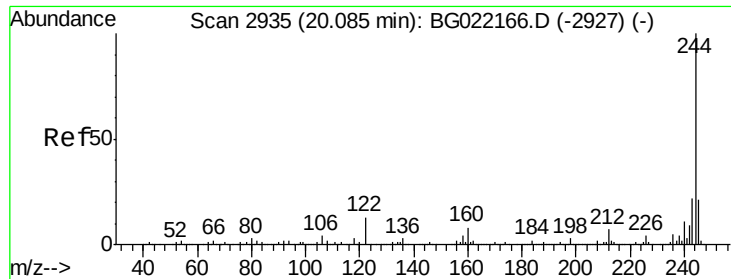
Tot Ion:188 Resp: 137474
Ion Ratio Lower Upper
188 100
94 12.7 7.5 11.3#
80 12.5 8.6 13.0



#75
Chrysene-d12
Concen: 20.00 ng
RT: 21.64 min Scan# 3200
Delta R.T. -0.00 min
Lab File: BG022496.D
Acq: 22 Jun 2016 11:34

Tgt Ion:240 Resp: 113175
Ion Ratio Lower Upper
240 100
120 16.7 8.4 12.6#
236 26.4 19.6 29.4

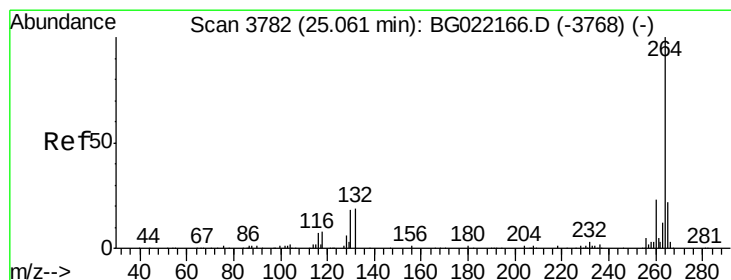
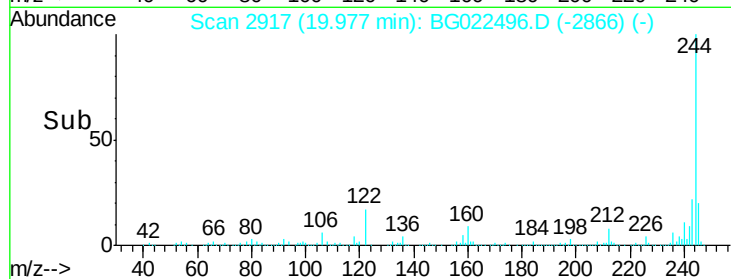
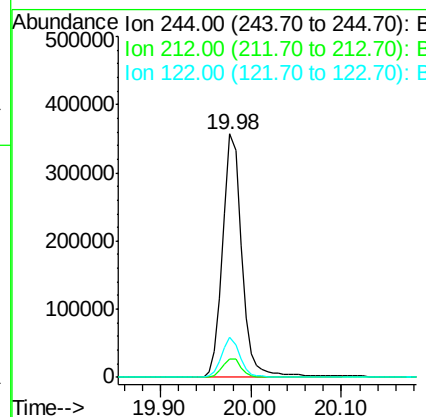
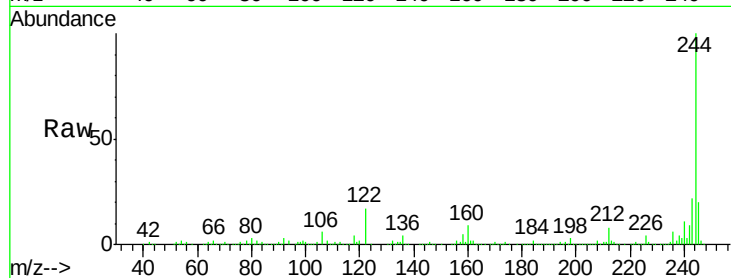




#78
 Terphenyl-d14
 Concen: 110.68 ng
 RT: 19.98 min Scan# 2917
 Delta R.T. -0.00 min
 Lab File: BG022496.D
 Acq: 22 Jun 2016 11:34

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:244 Resp: 527607
 Ion Ratio Lower Upper
 244 100
 212 7.7 6.5 9.7
 122 16.7 8.6 12.8#



#86
 Perylene-d12
 Concen: 20.00 ng
 RT: 24.85 min Scan# 3746
 Delta R.T. 0.01 min
 Lab File: BG022496.D
 Acq: 22 Jun 2016 11:34

Tgt Ion:264 Resp: 47018
 Ion Ratio Lower Upper
 264 100
 260 27.9 20.2 30.4
 265 21.5 17.8 26.8

