

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
 Data File : BG022395.D
 Acq On : 17 Jun 2016 10:20
 Operator : UM/SJ
 Sample : H3574-03
 Misc :
 ALS Vial : 29 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 17 13:37:14 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

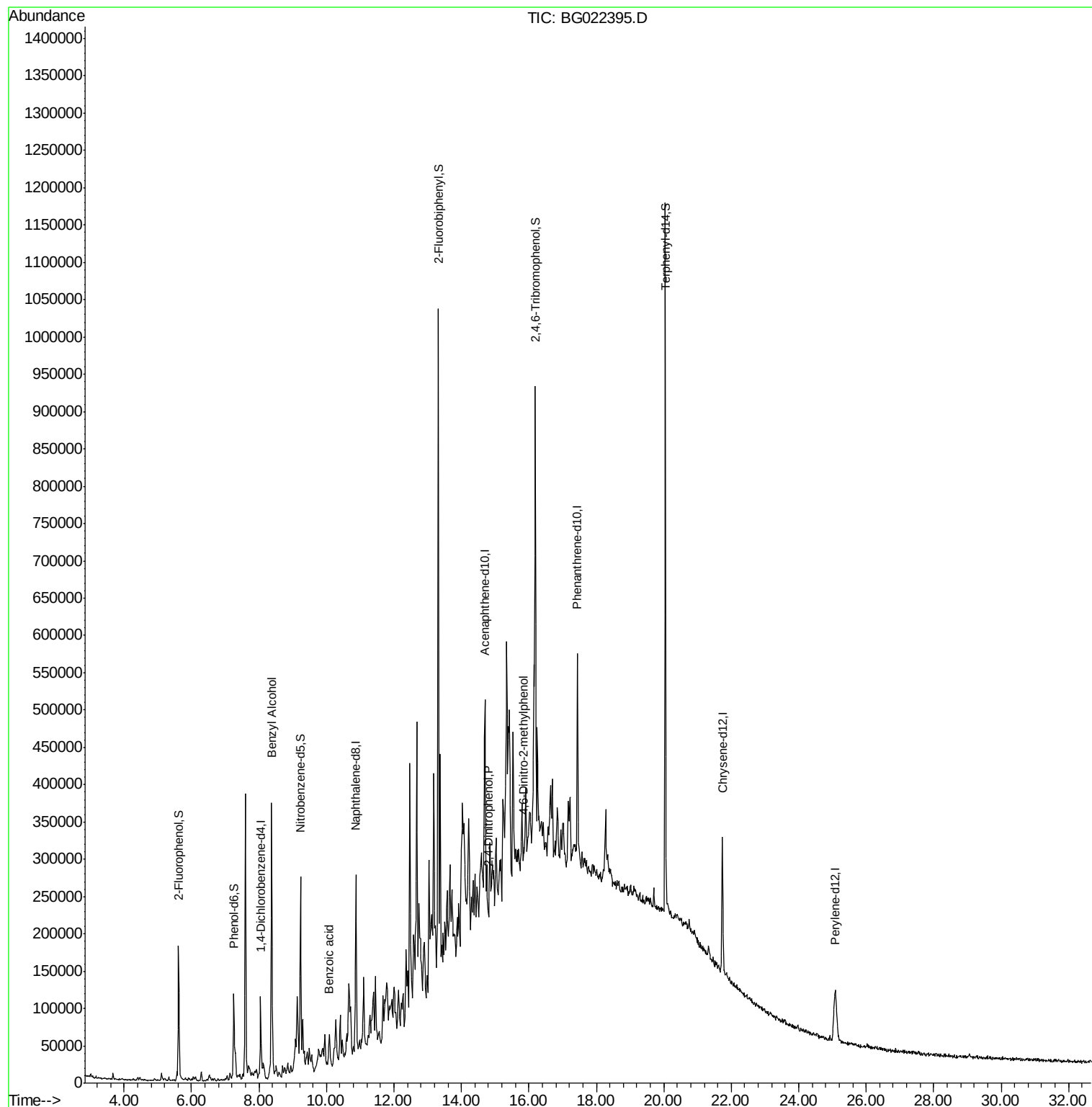
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	33425	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	161256	20.00	ng	-0.03
38) Acenaphthene-d10	14.70	164	88177	20.00	ng	-0.03
63) Phenanthrene-d10	17.44	188	168698	20.00	ng	-0.03
75) Chrysene-d12	21.73	240	141769	20.00	ng	0.00
86) Perylene-d12	25.08	264	127941	20.00	ng	0.07
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	122148	70.66	ng	-0.02
7) Phenol-d6	7.25	99	113208	41.65	ng	0.00
23) Nitrobenzene-d5	9.23	82	216463	93.59	ng	-0.03
41) 2,4,6-Tribromophenol	16.19	330	109376	109.78	ng	-0.02
44) 2-Fluorobiphenyl	13.32	172	499635	86.35	ng	-0.03
78) Terphenyl-d14	20.04	244	441937	74.01	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.38	79	4546	2.59	ng	# 41
32) Benzoic acid	10.07	122	487	7.98	ng	# 62
53) 2,4-Dinitrophenol	14.80	184	64	11.01	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.83	198	65	5.54	ng	# 1

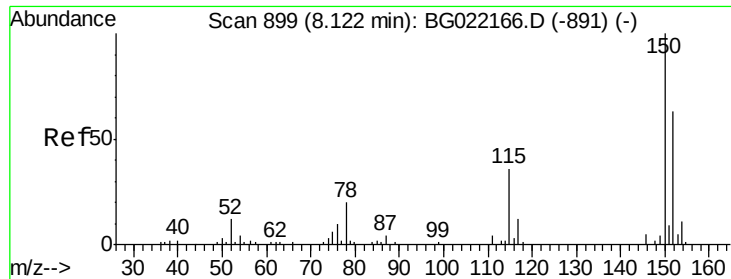
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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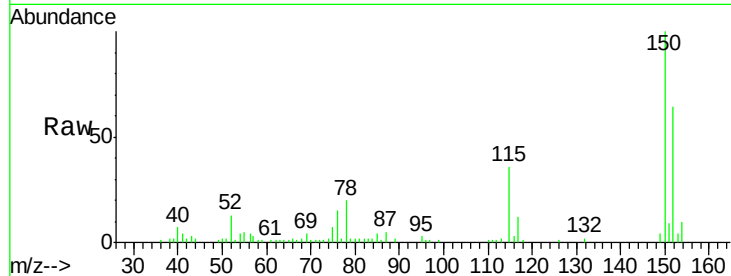


#1

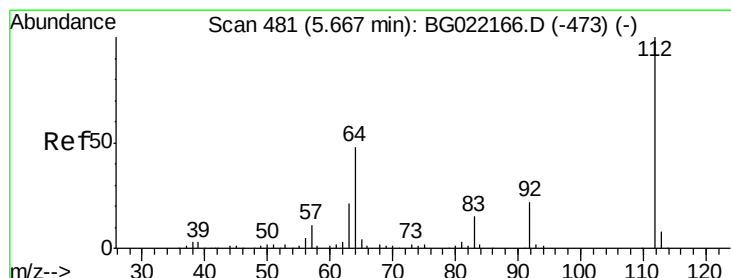
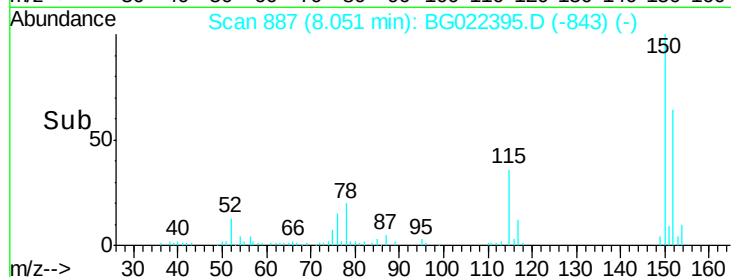
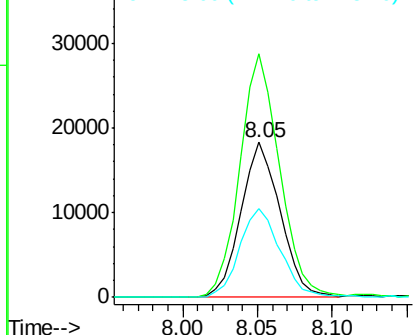
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.04 min
Lab File: BG022395.D
Acq: 17 Jun 2016 10:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33425
Ion Ratio Lower Upper
152 100
150 157.2 130.1 195.1
115 57.2 62.2 93.2#



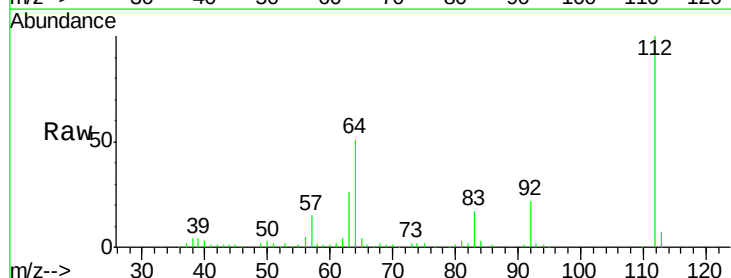
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



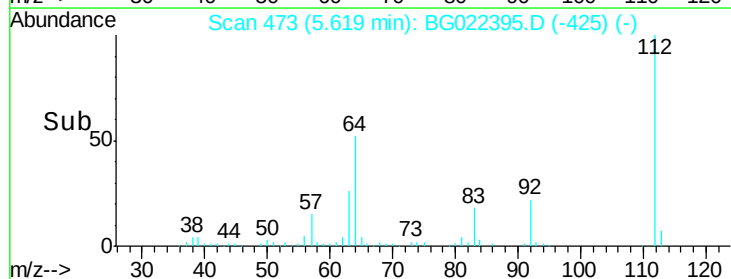
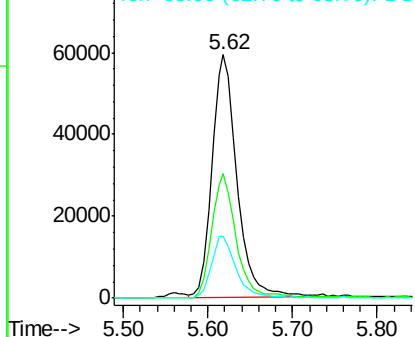
#5

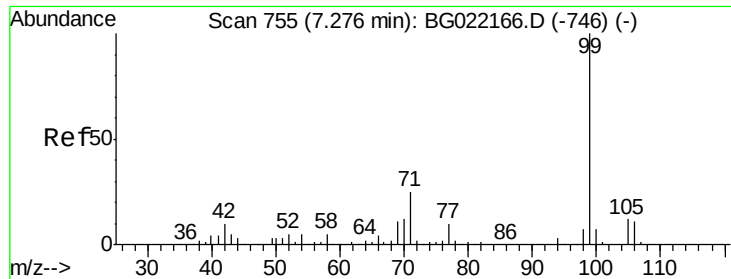
2-Fluorophenol
Concen: 70.66 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.02 min
Lab File: BG022395.D
Acq: 17 Jun 2016 10:20

Tgt Ion:112 Resp: 122148
Ion Ratio Lower Upper
112 100
64 51.3 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: 41.65 ng

RT: 7.25 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG022395.D

Acq: 17 Jun 2016 10:20

Instrument :

BNA_G

ClientSampleId :

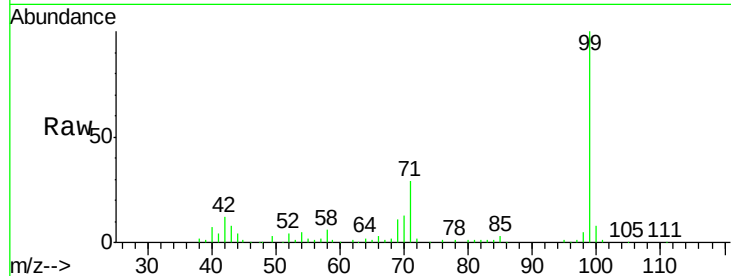
Tot Ion: 99 Resp: 113208

Ion Ratio Lower Upper

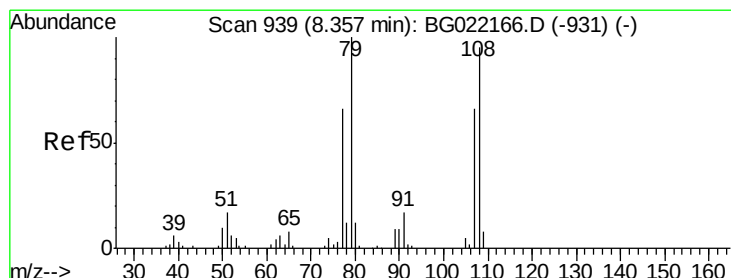
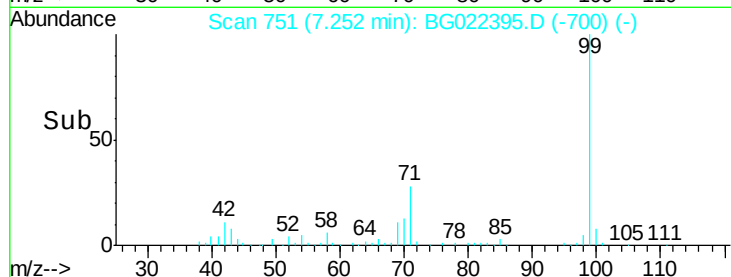
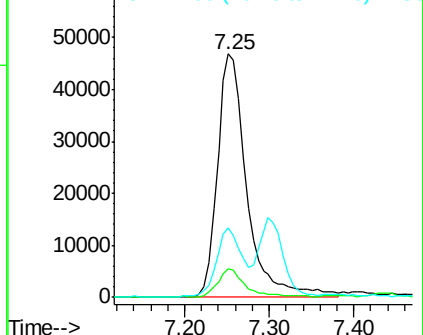
99 100

42 11.6 16.4 24.6#

71 28.8 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



#15

Benzyl Alcohol

Concen: 2.59 ng

RT: 8.38 min Scan# 943

Delta R.T. 0.05 min

Lab File: BG022395.D

Acq: 17 Jun 2016 10:20

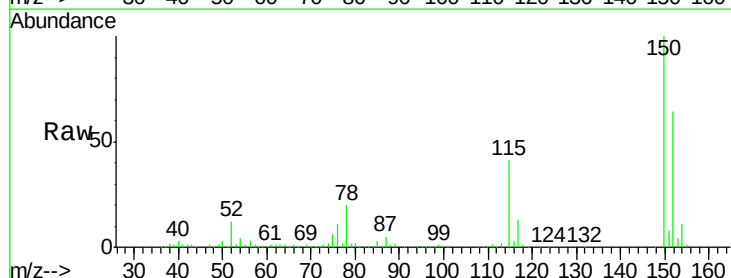
Tgt Ion: 79 Resp: 4546

Ion Ratio Lower Upper

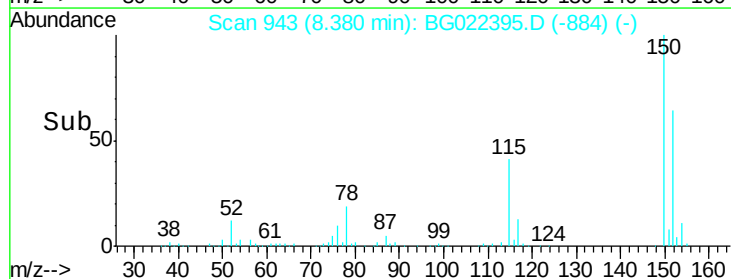
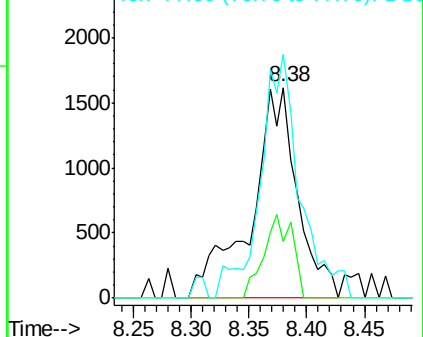
79 100

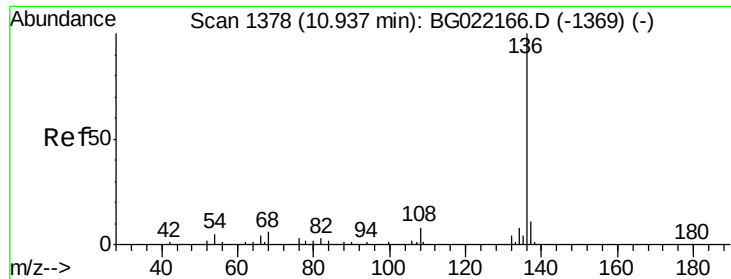
108 27.1 59.4 89.0#

77 115.4 52.2 78.2#



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

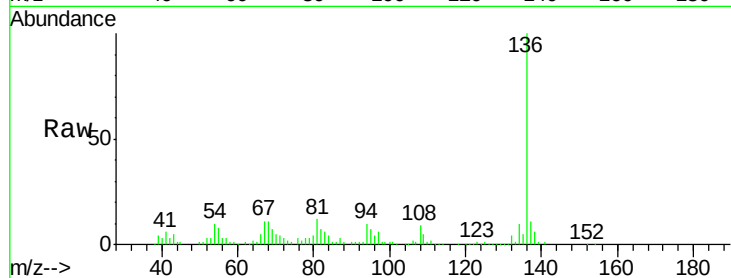




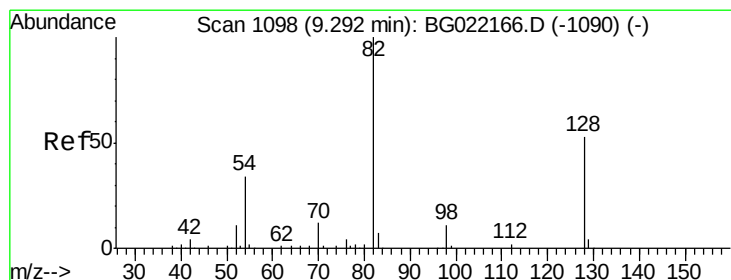
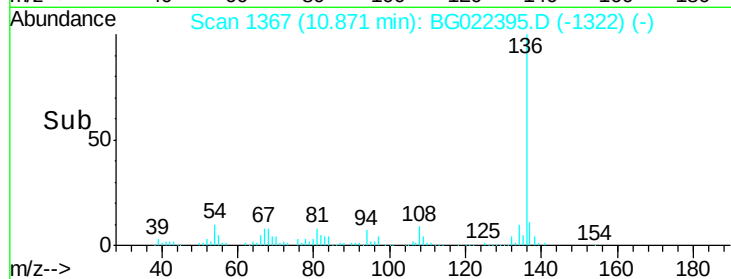
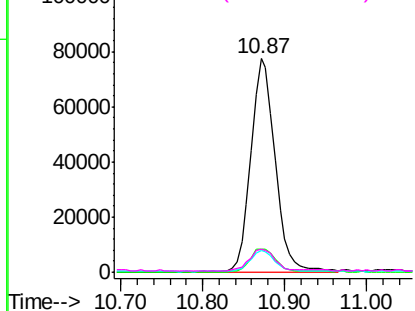
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1367
Delta R.T. -0.03 min
Lab File: BG022395.D
Acq: 17 Jun 2016 10:20

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	161256
Ion	Ratio	Lower Upper
136	100	
137	10.9	9.0 13.4
54	10.1	9.6 14.4
68	10.6	6.4 9.6#

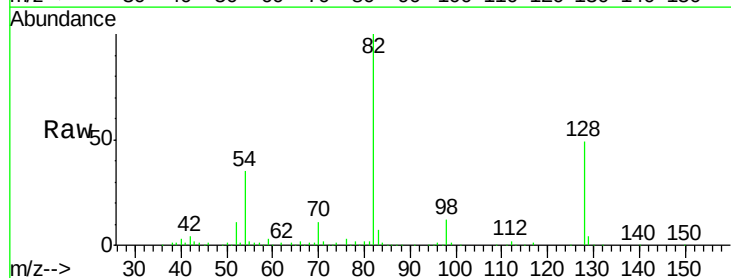


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

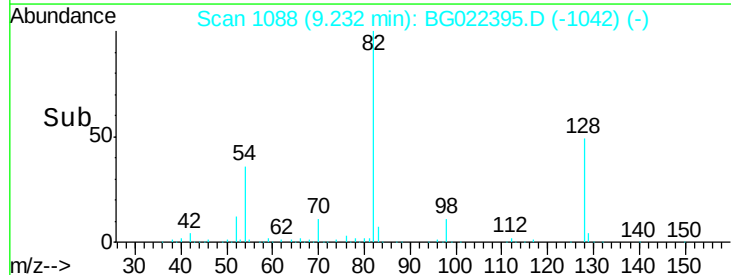
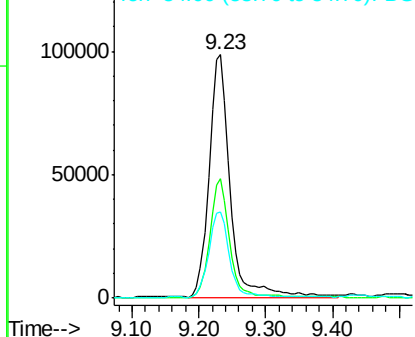


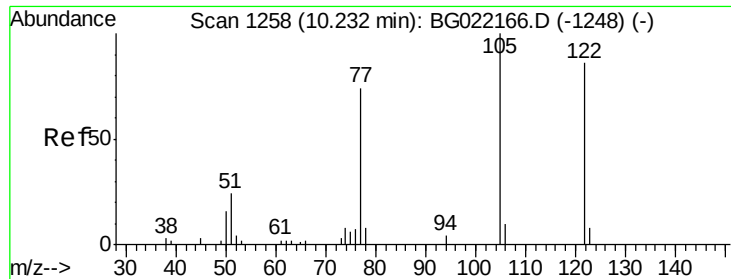
#23
Nitrobenzene-d5
Concen: 93.59 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.03 min
Lab File: BG022395.D
Acq: 17 Jun 2016 10:20

Tgt Ion: 82	Resp:	216463
Ion	Ratio	Lower Upper
82	100	
128	49.1	33.4 50.0
54	35.4	46.1 69.1#



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): E
Ion 54.00 (53.70 to 54.70): BGC

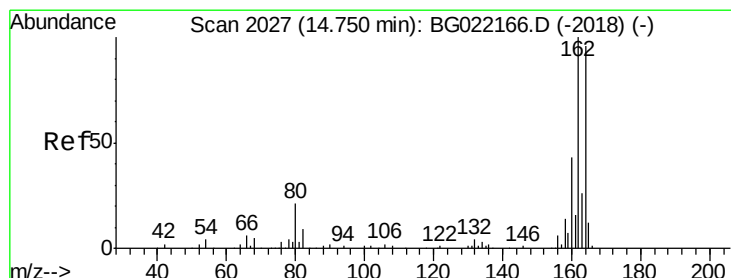
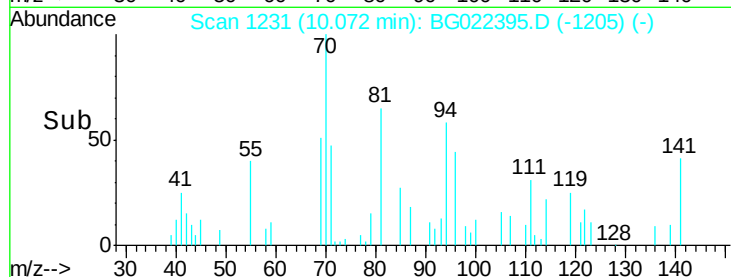
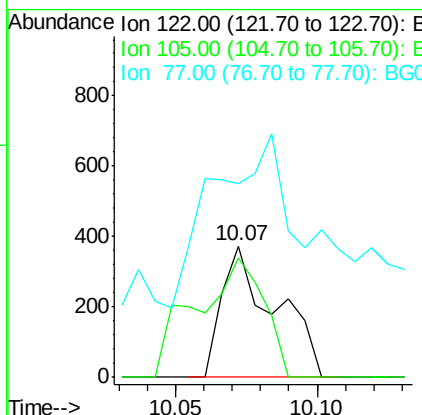
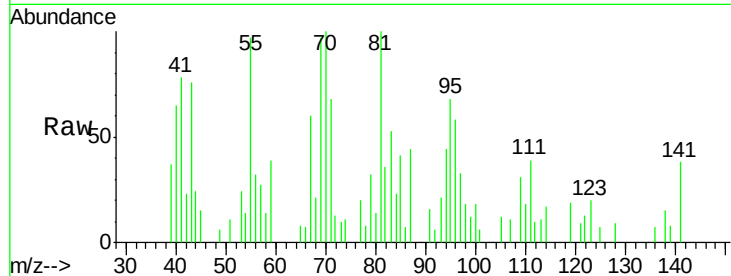




#32
Benzoic acid
Concen: 7.98 ng
RT: 10.07 min Scan# 1231
Delta R.T. -0.15 min
Lab File: BG022395.D
Acq: 17 Jun 2016 10:20

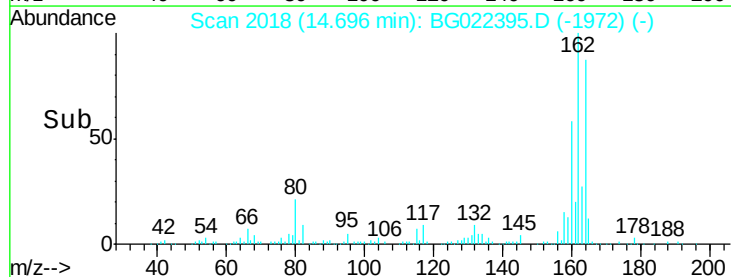
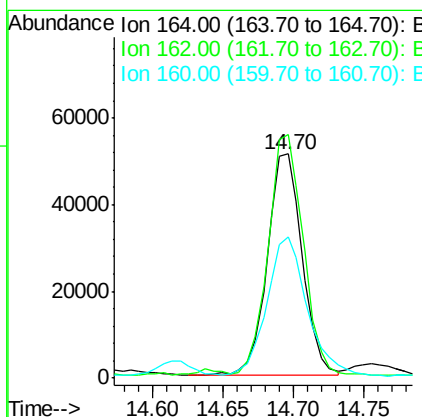
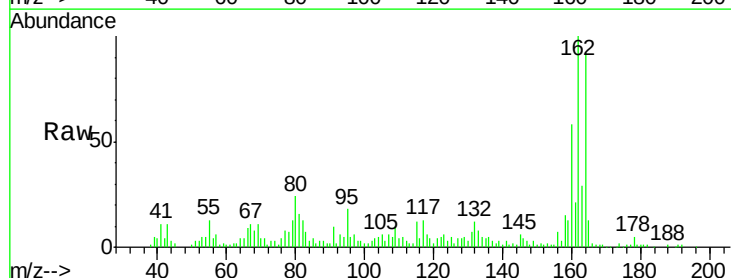
Instrument :
BNA_G
ClientSampleId :

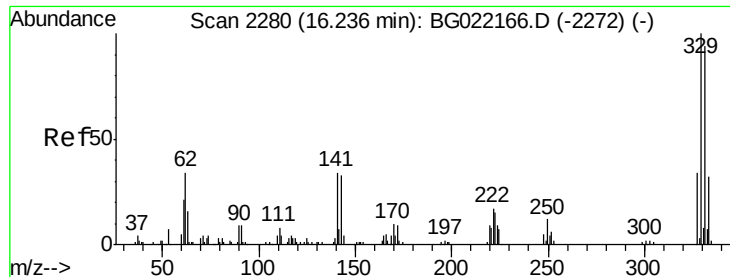
Tot Ion:122 Resp: 487
Ion Ratio Lower Upper
122 100
105 90.6 104.5 144.5#
77 147.1 79.9 119.9#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.70 min Scan# 2018
Delta R.T. -0.03 min
Lab File: BG022395.D
Acq: 17 Jun 2016 10:20

Tgt Ion:164 Resp: 88177
Ion Ratio Lower Upper
164 100
162 108.7 78.0 117.0
160 63.3 32.9 49.3#

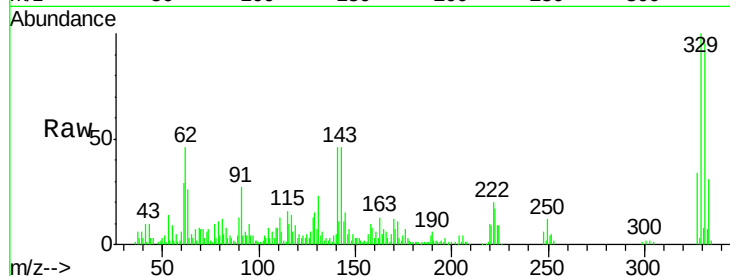




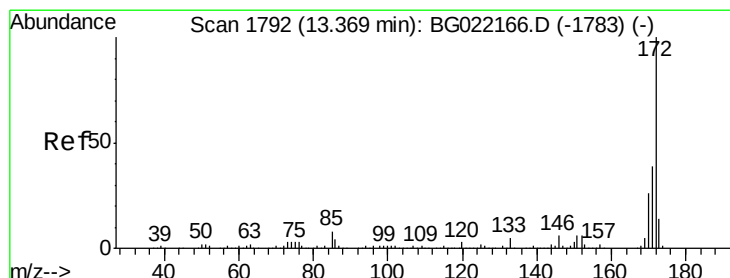
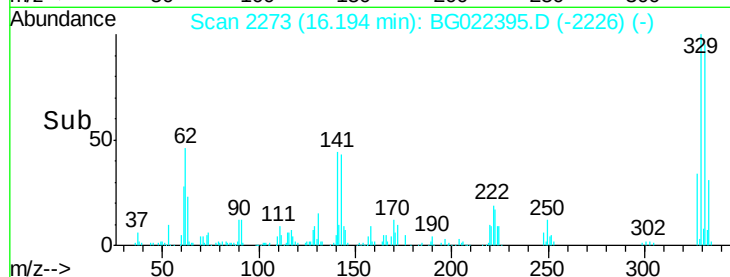
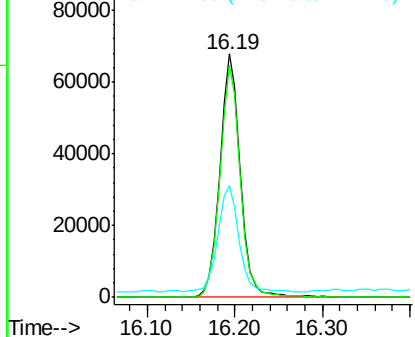
#41
 2,4,6-Tribromophenol
 Concen: 109.78 ng
 RT: 16.19 min Scan# 2273
 Delta R.T. -0.02 min
 Lab File: BG022395.D
 Acq: 17 Jun 2016 10:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:330 Resp: 109376
 Ion Ratio Lower Upper
 330 100
 332 94.4 78.0 117.0
 141 45.6 33.8 50.8

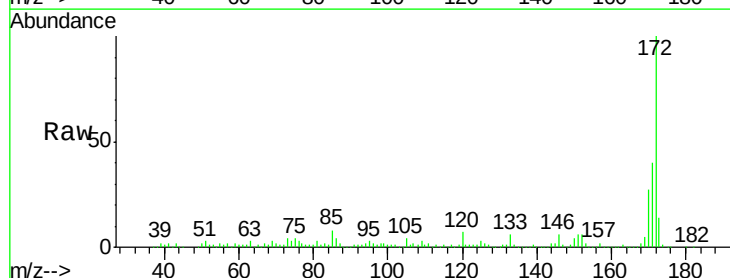


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

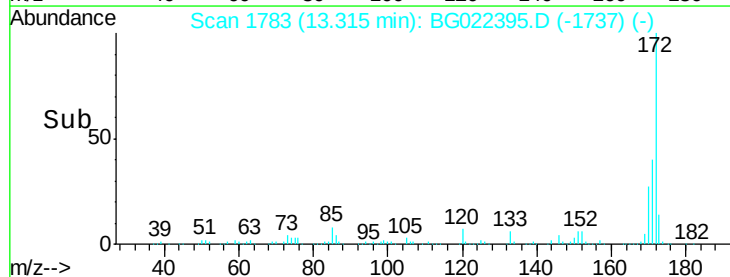
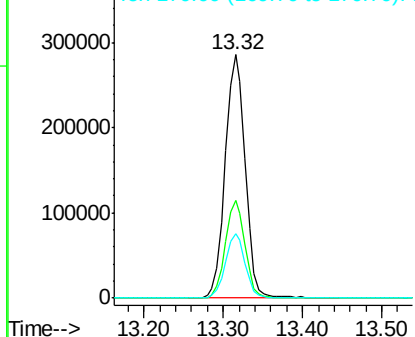


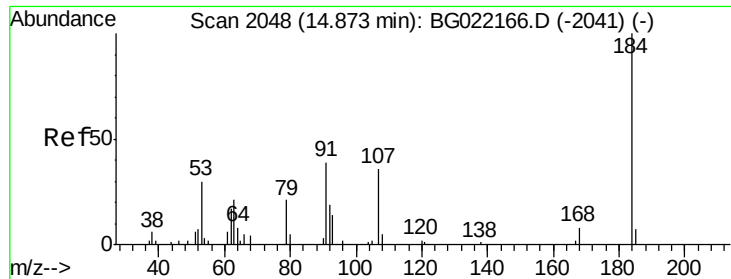
#44
 2-Fluorobiphenyl
 Concen: 86.35 ng
 RT: 13.32 min Scan# 1783
 Delta R.T. -0.03 min
 Lab File: BG022395.D
 Acq: 17 Jun 2016 10:20

Tgt Ion:172 Resp: 499635
 Ion Ratio Lower Upper
 172 100
 171 40.3 27.8 41.6
 170 26.6 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

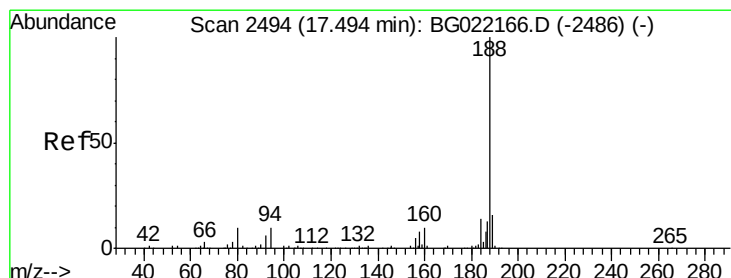
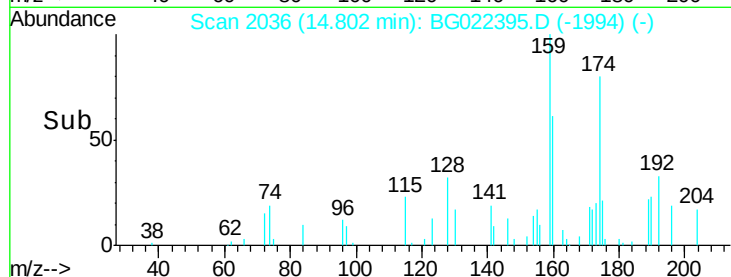
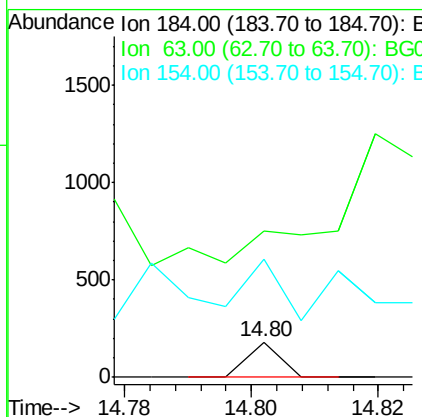
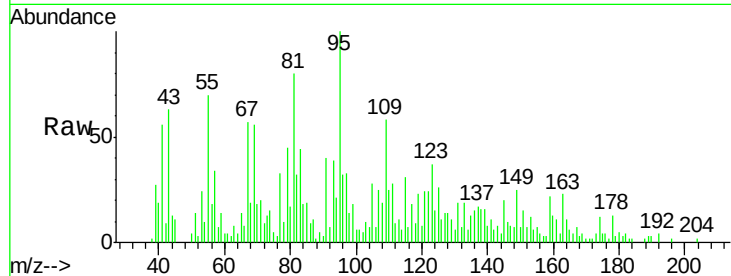




#53
2,4-Dinitrophenol
Concen: 11.01 ng
RT: 14.80 min Scan# 2036
Delta R.T. -0.05 min
Lab File: BG022395.D
Acq: 17 Jun 2016 10:20

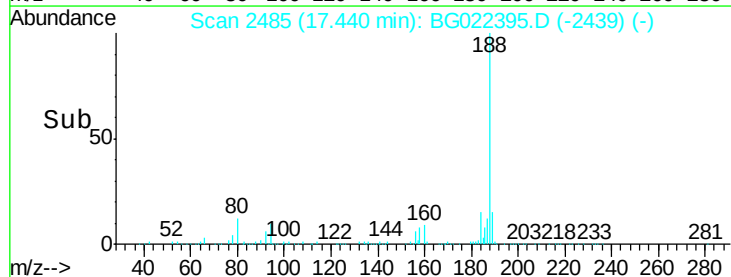
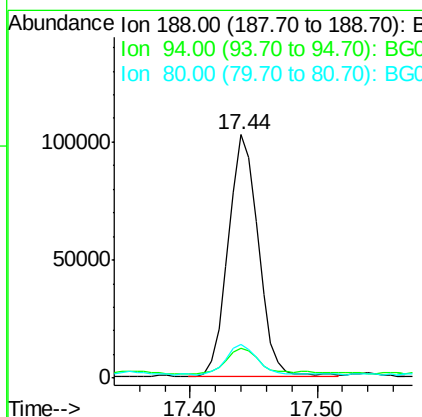
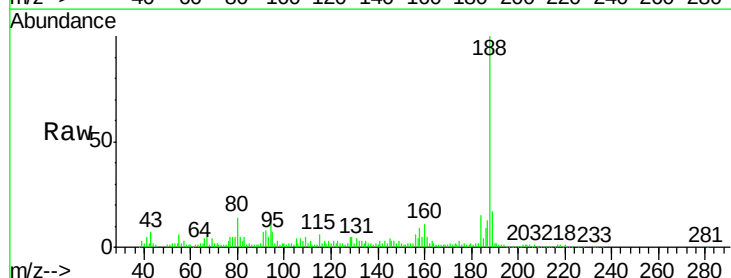
Instrument :
BNA_G
ClientSampled :

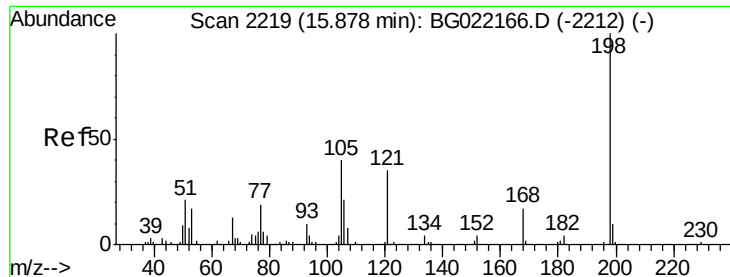
Tot Ion:184 Resp: 64
Ion Ratio Lower Upper
184 100
63 413.7 57.3 85.9#
154 331.9 55.2 82.8#



#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.44 min Scan# 2485
Delta R.T. -0.03 min
Lab File: BG022395.D
Acq: 17 Jun 2016 10:20

Tgt Ion:188 Resp: 168698
Ion Ratio Lower Upper
188 100
94 12.5 7.5 11.3#
80 13.9 8.6 13.0#

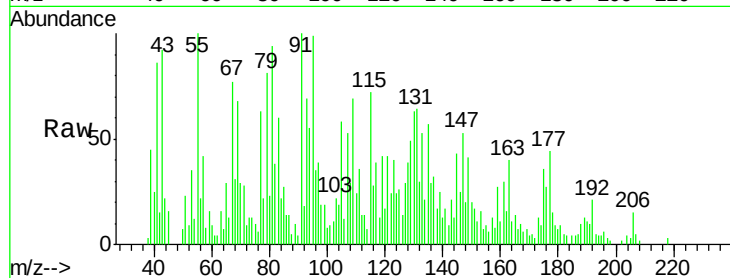




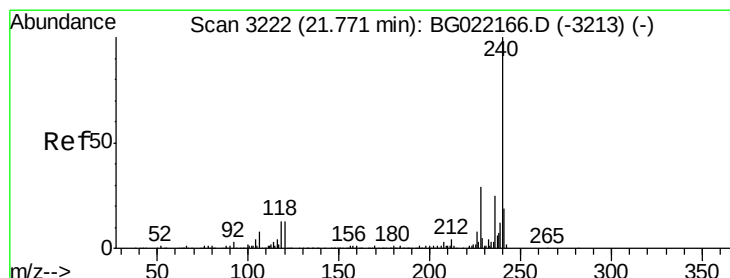
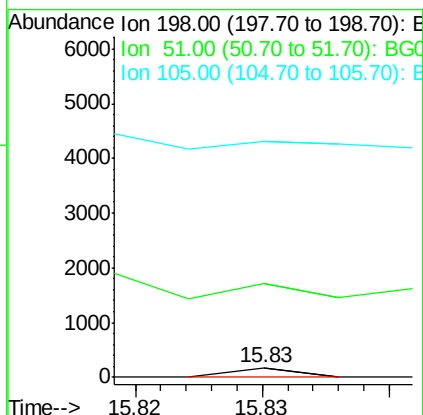
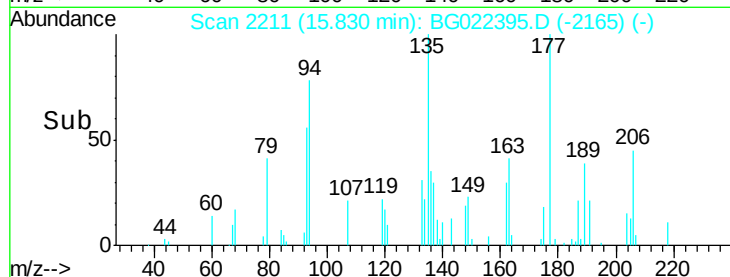
#64
 4,6-Dinitro-2-methylphenol
 Concen: 5.54 ng
 RT: 15.83 min Scan# 2211
 Delta R.T. -0.03 min
 Lab File: BG022395.D
 Acq: 17 Jun 2016 10:20

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:198 Resp: 65
 Ion Ratio Lower Upper
 198 100
 51 933.3 29.2 69.2#
 105 2351.9 24.0 64.0#

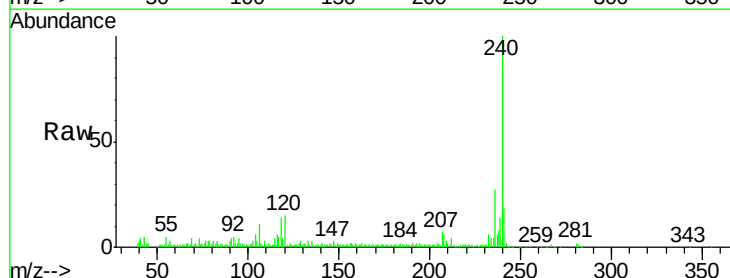


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

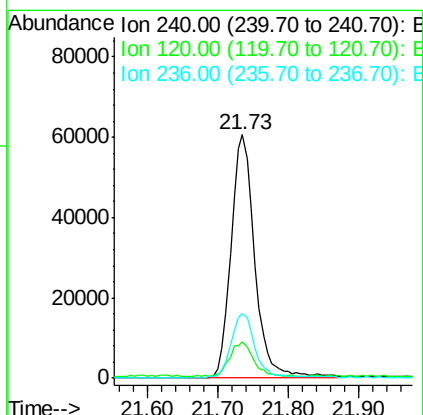
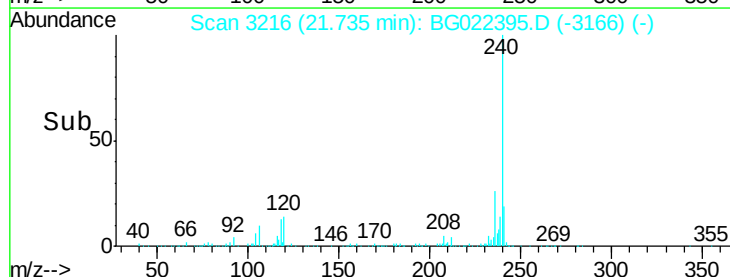


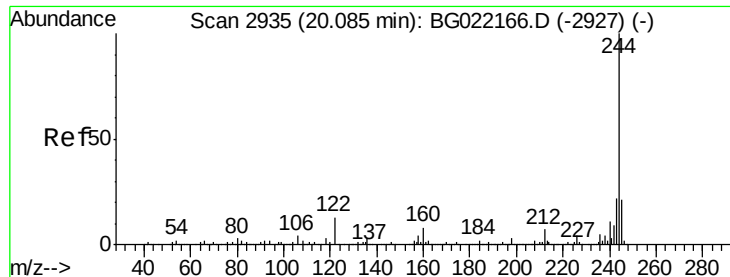
#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. -0.00 min
 Lab File: BG022395.D
 Acq: 17 Jun 2016 10:20

Tgt Ion:240 Resp: 141769
 Ion Ratio Lower Upper
 240 100
 120 14.9 8.4 12.6#
 236 26.6 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: 74.01 ng

RT: 20.04 min Scan# 2928

Delta R.T. -0.02 min

Lab File: BG022395.D

Acq: 17 Jun 2016 10:20

Instrument :

BNA_G

ClientSampleId :

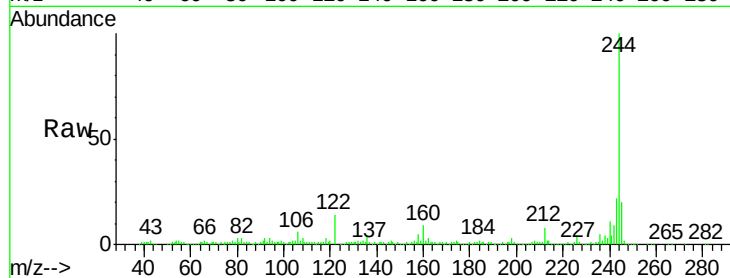
Tot Ion:244 Resp: 441937

Ion Ratio Lower Upper

244 100

212 7.9 6.5 9.7

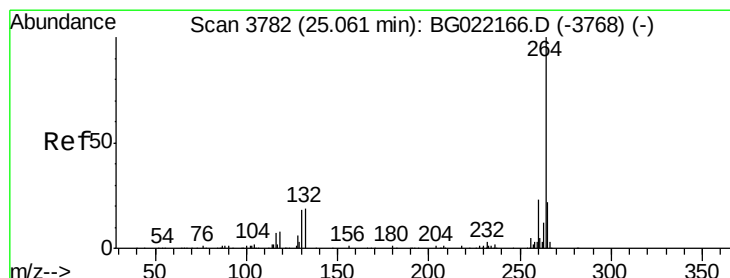
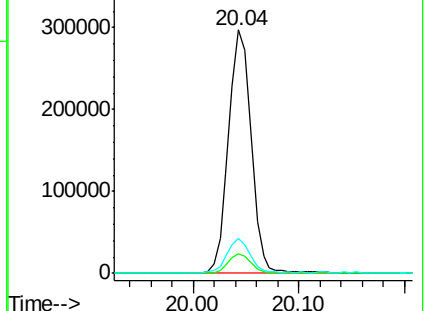
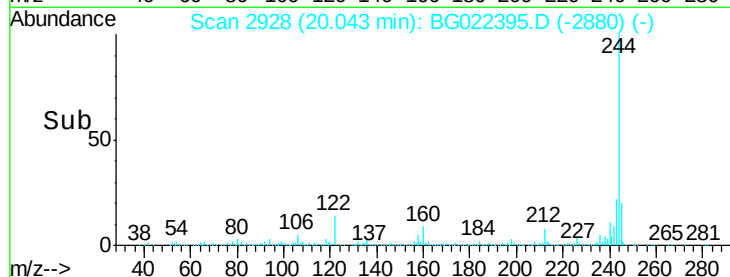
122 14.4 8.6 12.8#



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: 25.08 min Scan# 3785

Delta R.T. 0.07 min

Lab File: BG022395.D

Acq: 17 Jun 2016 10:20

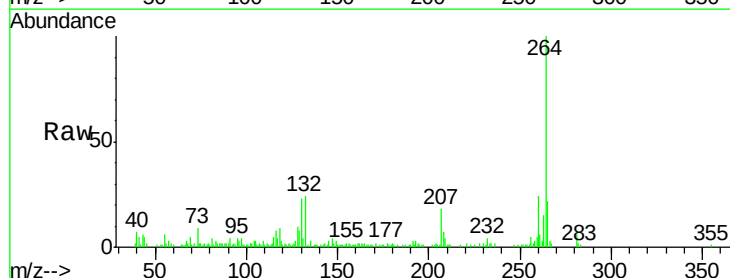
Tgt Ion:264 Resp: 127941

Ion Ratio Lower Upper

264 100

260 23.5 20.2 30.4

265 22.4 17.8 26.8



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

