

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG042215\
 Data File : BG016642.D
 Acq On : 23 Apr 2015 6:41
 Operator : TP/IZ
 Sample : G1976-05
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 S8-0440

Quant Time: Apr 23 07:42:43 2015
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Apr 22 02:10:07 2015
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.63	152	49897	20.00	ng	0.00
21) Naphthalene-d8	10.42	136	229483	20.00	ng	0.00
38) Acenaphthene-d10	14.28	164	150450	20.00	ng	0.00
63) Phenanthrene-d10	17.02	188	344990	20.00	ng	0.00
75) Chrysene-d12	21.21	240	308128	20.00	ng	0.00
86) Perylene-d12	23.43	264	288345	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.23	112	183308	58.88	ng	0.00
7) Phenol-d6	6.84	99	163795	37.66	ng	0.00
23) Nitrobenzene-d5	8.79	82	315219	84.58	ng	0.00
41) 2,4,6-Tribromophenol	15.78	330	156374	153.03	ng	0.00
44) 2-Fluorobiphenyl	12.90	172	758473	83.49	ng	0.00
78) Terphenyl-d14	19.66	244	835135	65.30	ng	0.00

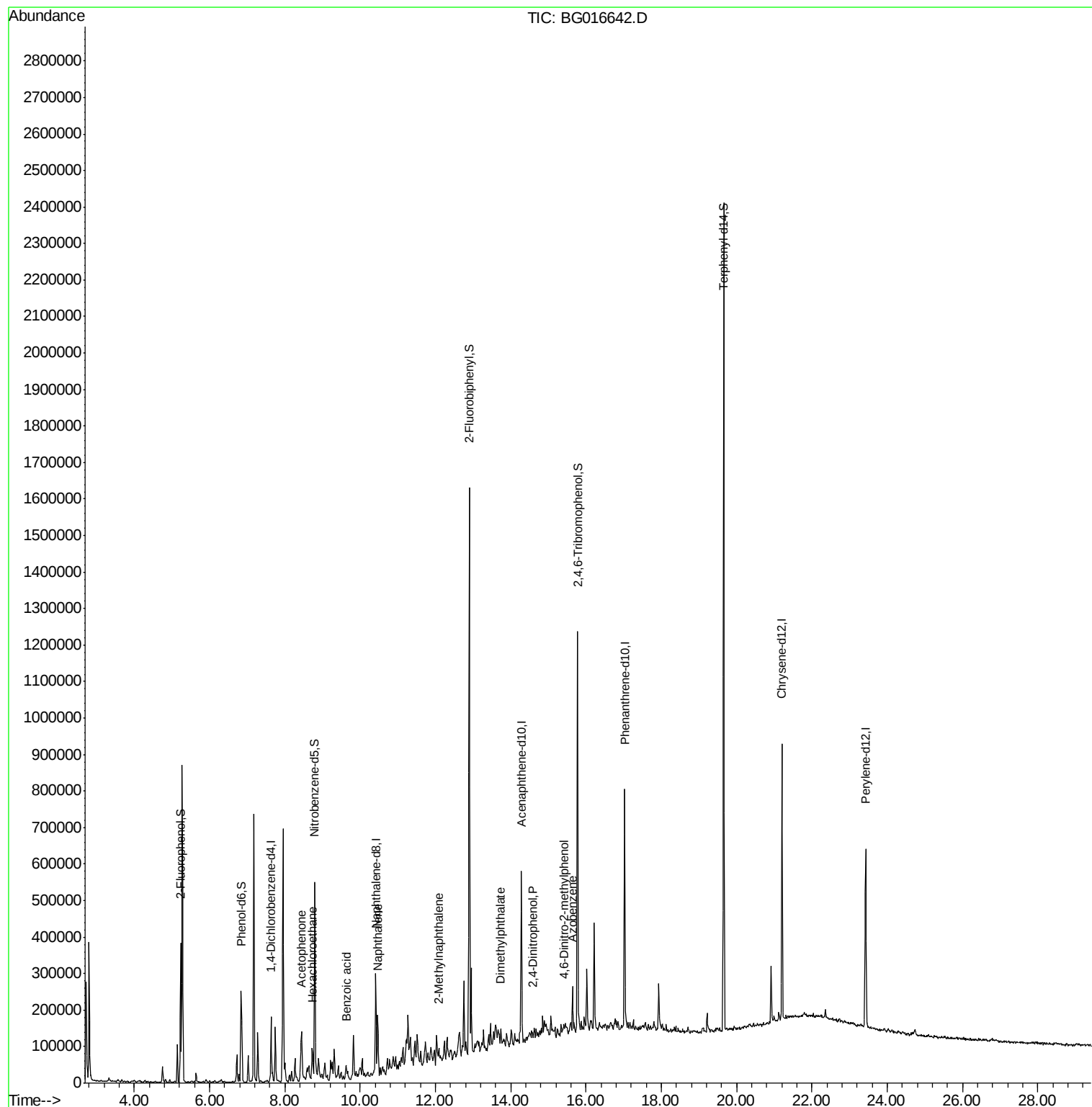
Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
18) Hexachloroethane	8.73	117	5977	4.21	ng	# 1
22) Acetophenone	8.43	105	15712	3.07	ng	# 54
31) Naphthalene	10.47	128	122085	10.19	ng	99
32) Benzoic acid	9.62	122	5695	11.90	ng	# 57
37) 2-Methylnaphthalene	12.09	142	19595	2.28	ng	93
49) Dimethylphthalate	13.74	163	26501	2.38	ng	# 95
53) 2,4-Dinitrophenol	14.58	184	522	8.75	ng	# 70
62) Azobenzene	15.64	77	31912	2.90	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.41	198	54	4.15	ng	# 1

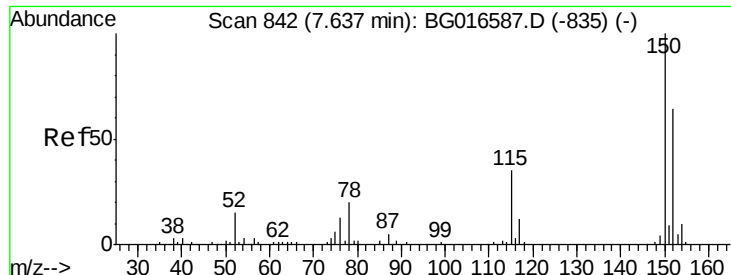
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Quant Time: Apr 23 07:42:43 2015
Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG042115.M
Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
QLast Update : Wed Apr 22 02:10:07 2015
Response via : Initial Calibration



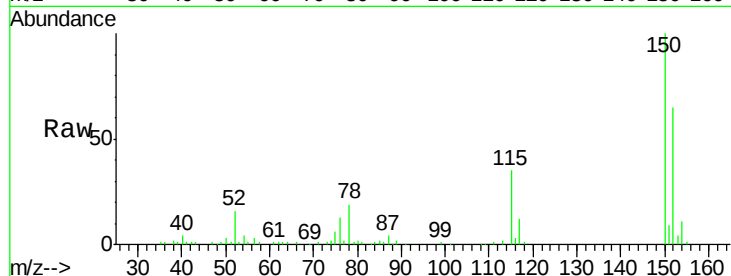


#1

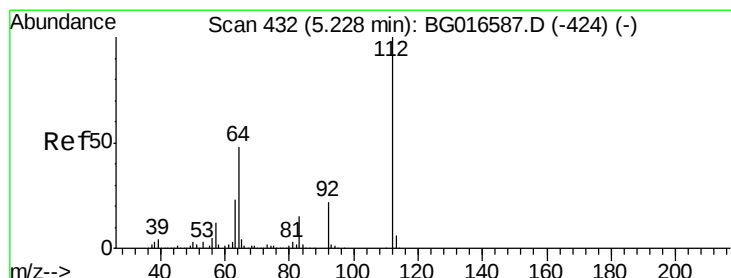
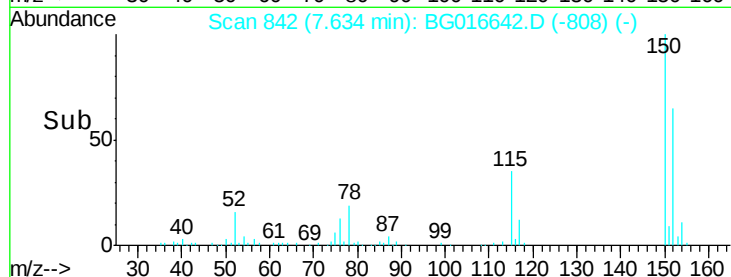
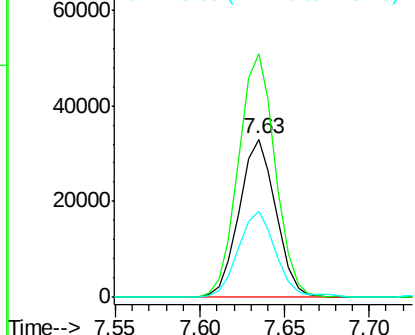
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 7.63 min Scan# 842
Delta R.T. -0.00 min
Lab File: BG016642.D
Acq: 23 Apr 2015 6:41

Instrument :
BNA_G
ClientSampleId :
S8-0440

Tgt Ion:152 Resp: 49897
Ion Ratio Lower Upper
152 100
150 153.9 125.5 188.3
115 54.2 44.5 66.7



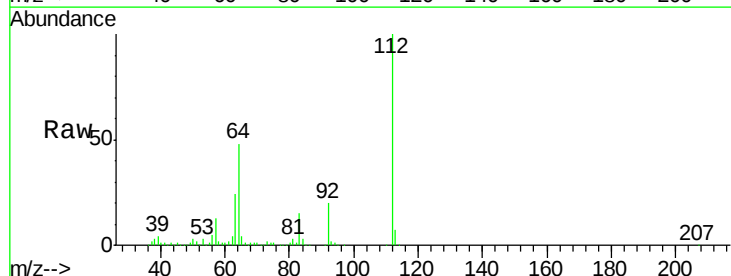
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



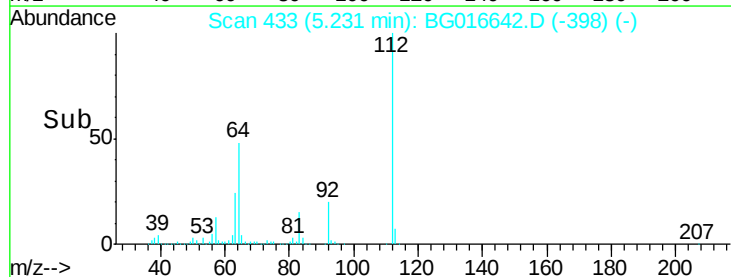
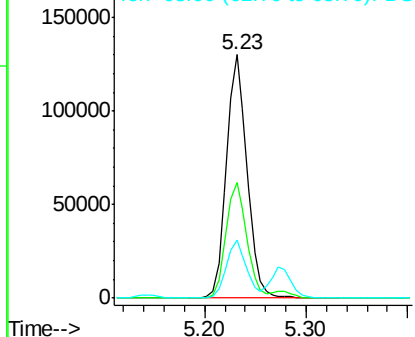
#5

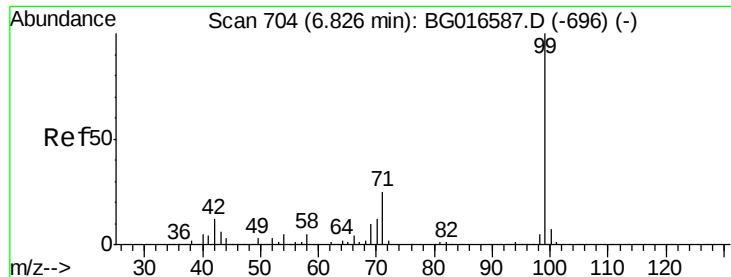
2-Fluorophenol
Concen: 58.88 ng
RT: 5.23 min Scan# 433
Delta R.T. 0.00 min
Lab File: BG016642.D
Acq: 23 Apr 2015 6:41

Tgt Ion:112 Resp: 183308
Ion Ratio Lower Upper
112 100
64 47.7 38.5 57.7
63 23.8 18.2 27.4



Abundance Ion 112.00 (111.70 to 112.70): E
Ion 64.00 (63.70 to 64.70): BG
Ion 63.00 (62.70 to 63.70): BG





#7

Phenol-d6

Concen: 37.66 ng

RT: 6.84 min Scan# 706

Delta R.T. 0.01 min

Lab File: BG016642.D

Acq: 23 Apr 2015 6:41

Instrument :

BNA_G

ClientSampleId :

S8-0440

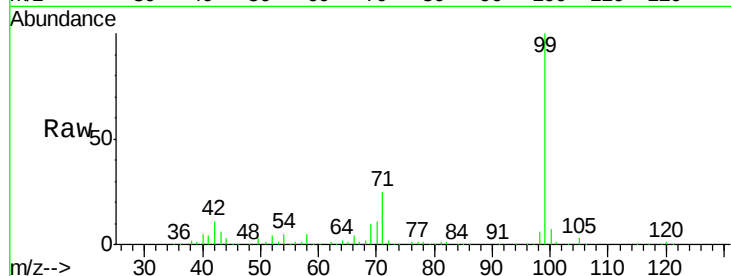
Tgt Ion: 99 Resp: 163795

Ion Ratio Lower Upper

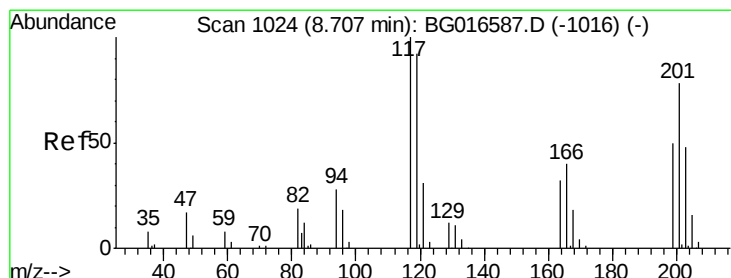
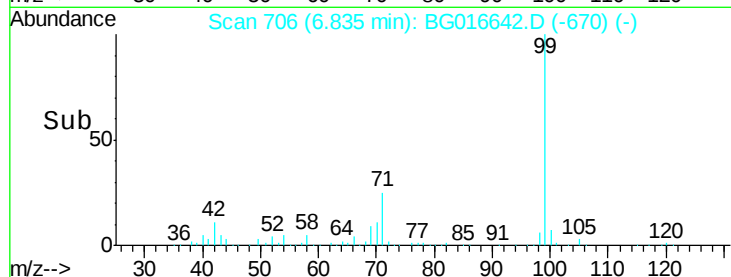
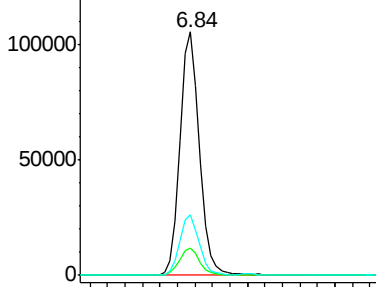
99 100

42 11.1 9.5 14.3

71 24.9 20.2 30.2



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



#18

Hexachloroethane

Concen: 4.21 ng

RT: 8.73 min Scan# 1029

Delta R.T. 0.03 min

Lab File: BG016642.D

Acq: 23 Apr 2015 6:41

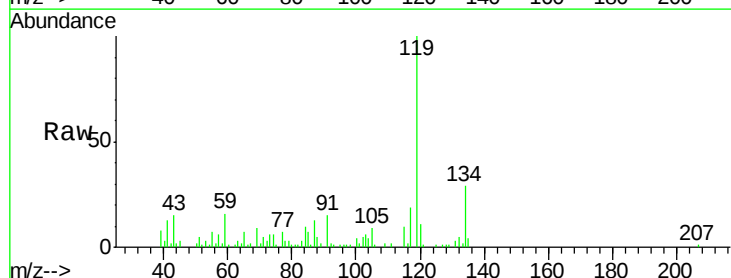
Tgt Ion: 117 Resp: 5977

Ion Ratio Lower Upper

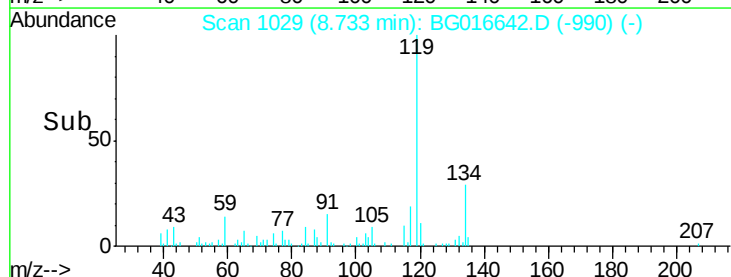
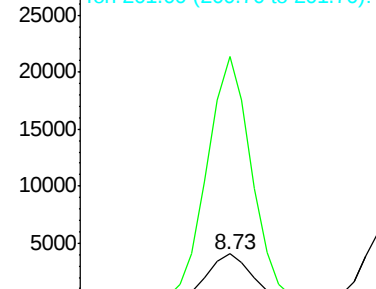
117 100

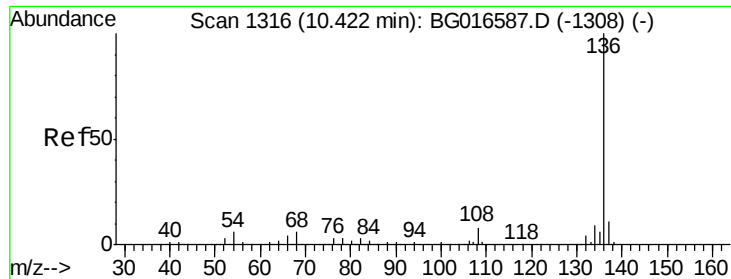
119 528.6 73.8 110.8#

201 0.0 62.2 93.2#



Abundance Ion 117.00 (116.70 to 117.70): BGC
Ion 119.00 (118.70 to 119.70): BGC
Ion 201.00 (200.70 to 201.70): BGC

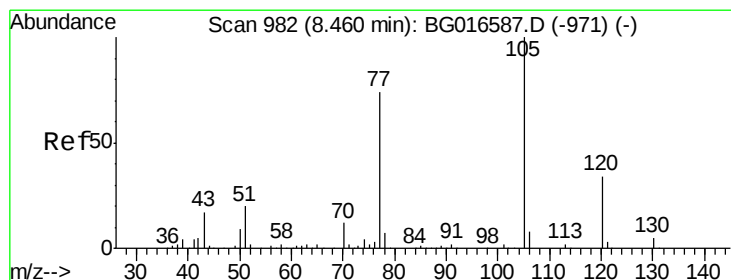
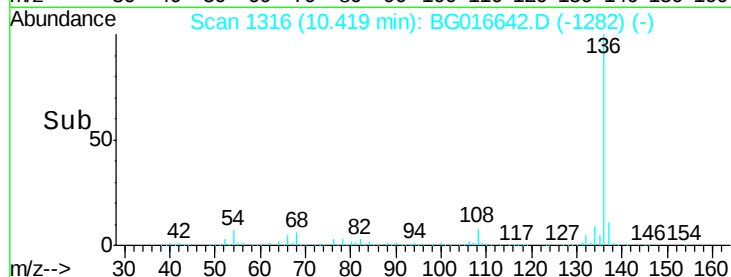
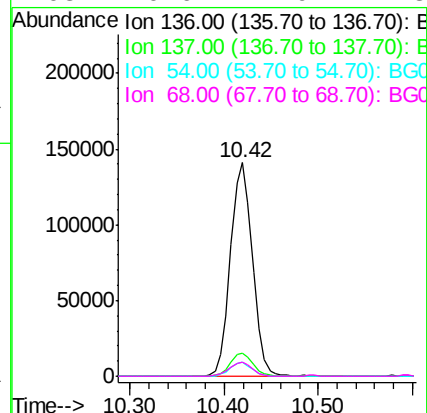
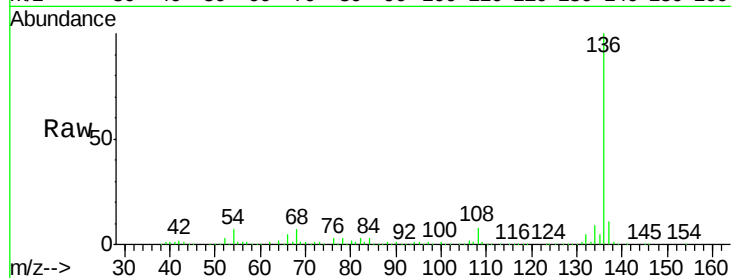




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.42 min Scan# 1316
Delta R.T. -0.00 min
Lab File: BG016642.D
Acq: 23 Apr 2015 6:41

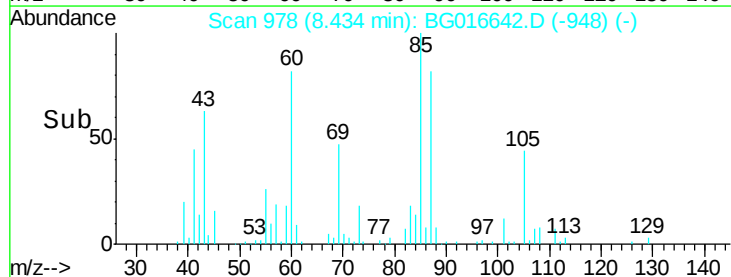
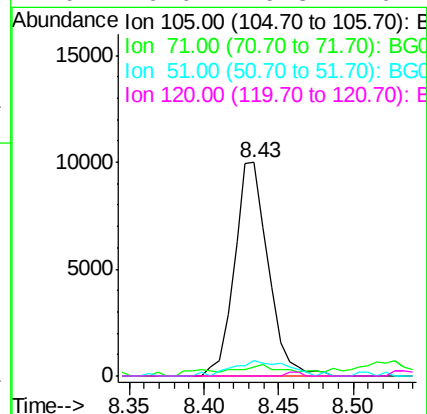
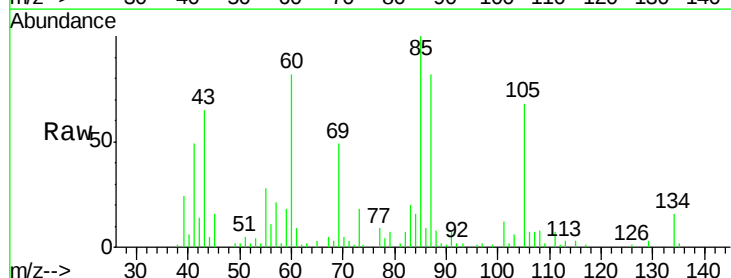
Instrument :
BNA_G
ClientSampleId :
S8-0440

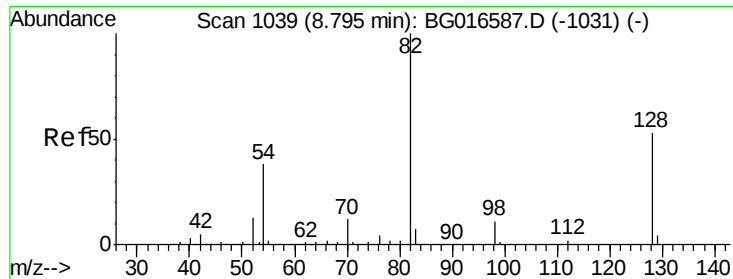
Tgt Ion:	136	Resp:	229483
Ion	Ratio	Lower	Upper
136	100		
137	11.0	8.8	13.2
54	6.7	4.9	7.3
68	6.6	4.9	7.3



#22
Acetophenone
Concen: 3.07 ng
RT: 8.43 min Scan# 978
Delta R.T. -0.03 min
Lab File: BG016642.D
Acq: 23 Apr 2015 6:41

Tgt Ion:	105	Resp:	15712
Ion	Ratio	Lower	Upper
105	100		
71	4.2	1.8	2.6#
51	7.2	16.5	24.7#
120	0.0	26.8	40.2#

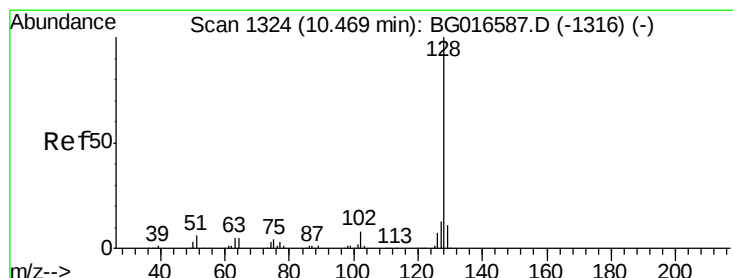
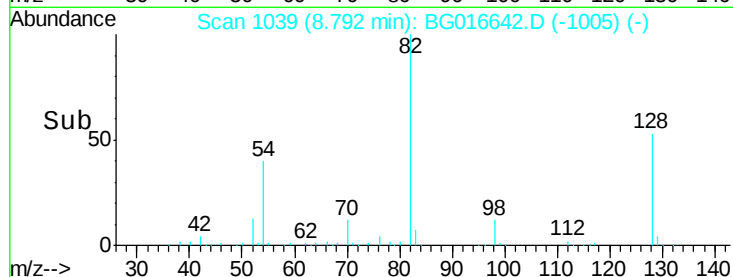
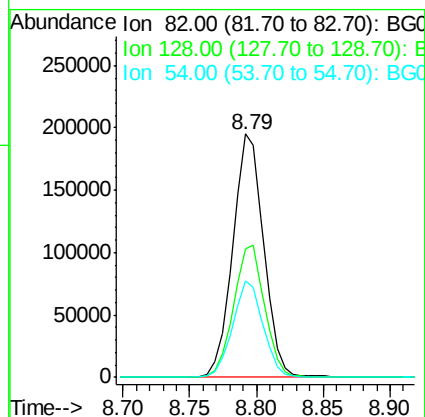
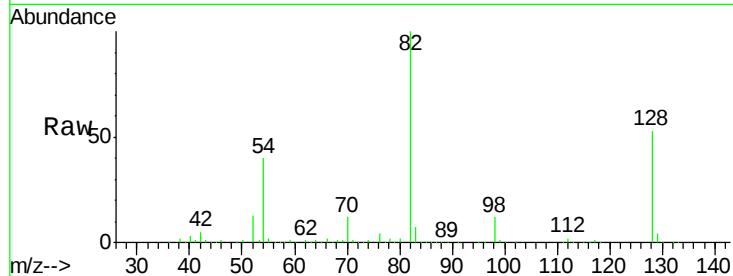




#23
 Nitrobenzene-d5
 Concen: 84.58 ng
 RT: 8.79 min Scan# 1039
 Delta R.T. -0.00 min
 Lab File: BG016642.D
 Acq: 23 Apr 2015 6:41

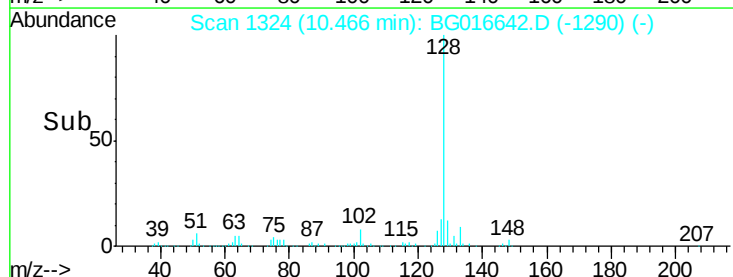
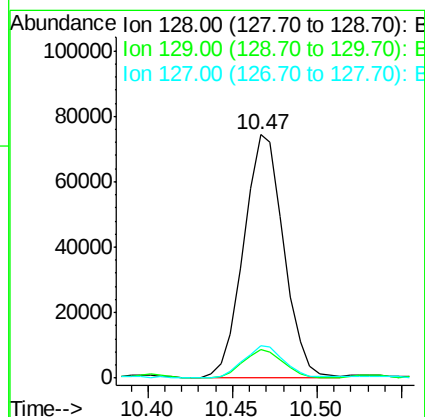
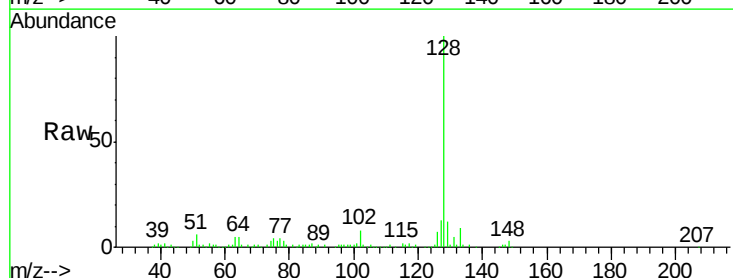
Instrument :
 BNA_G
 ClientSampleId :
 S8-0440

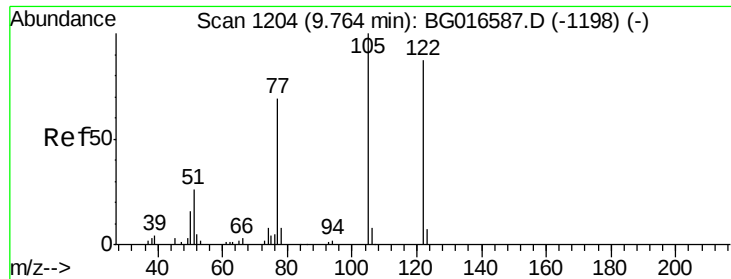
Tgt Ion: 82 Resp: 315219
 Ion Ratio Lower Upper
 82 100
 128 52.7 42.7 64.1
 54 39.8 30.6 45.8



#31
 Naphthalene
 Concen: 10.19 ng
 RT: 10.47 min Scan# 1324
 Delta R.T. -0.00 min
 Lab File: BG016642.D
 Acq: 23 Apr 2015 6:41

Tgt Ion: 128 Resp: 122085
 Ion Ratio Lower Upper
 128 100
 129 12.0 9.2 13.8
 127 13.1 10.6 16.0





#32

Benzoic acid

Concen: 11.90 ng

RT: 9.62 min Scan# 1180

Delta R.T. -0.14 min

Lab File: BG016642.D

Acq: 23 Apr 2015 6:41

Instrument :

BNA_G

ClientSampleId :

S8-0440

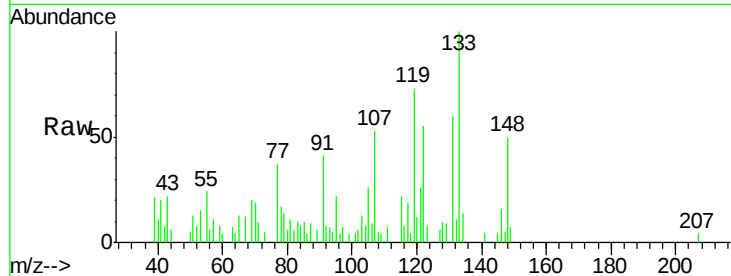
Tgt Ion:122 Resp: 5695

Ion Ratio Lower Upper

122 100

105 47.1 95.5 135.5#

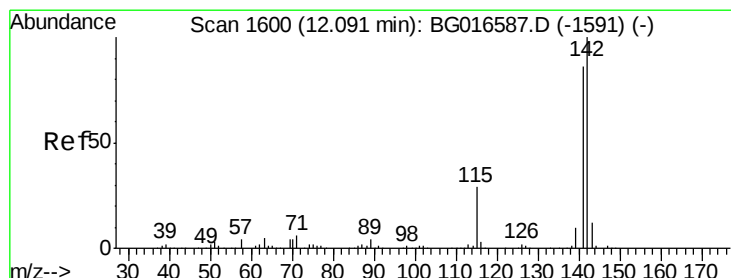
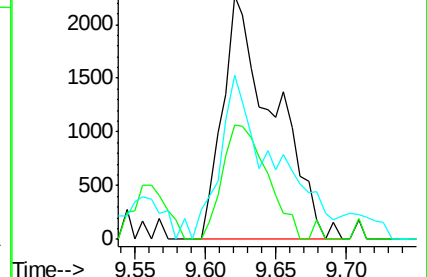
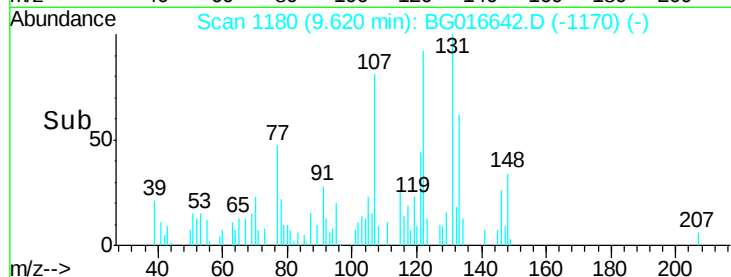
77 67.7 60.2 100.2



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): B



#37

2-Methylnaphthalene

Concen: 2.28 ng

RT: 12.09 min Scan# 1600

Delta R.T. -0.00 min

Lab File: BG016642.D

Acq: 23 Apr 2015 6:41

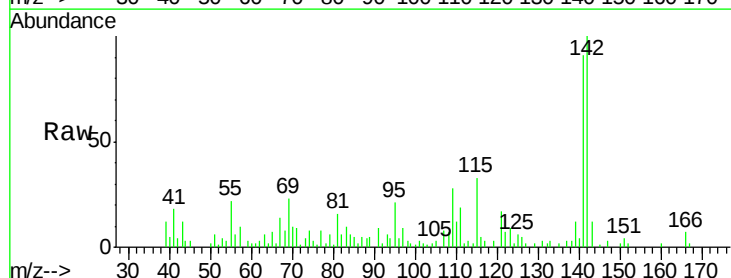
Tgt Ion:142 Resp: 19595

Ion Ratio Lower Upper

142 100

141 91.5 68.6 102.8

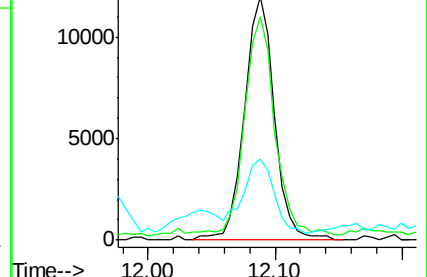
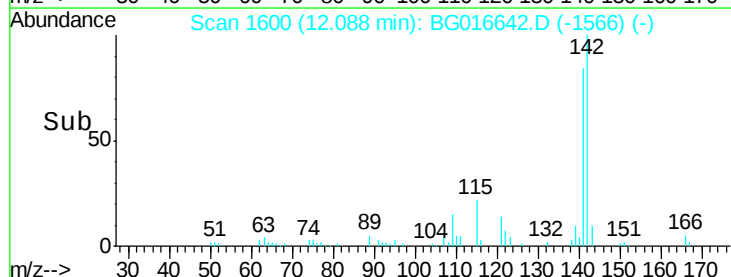
115 33.2 23.3 34.9

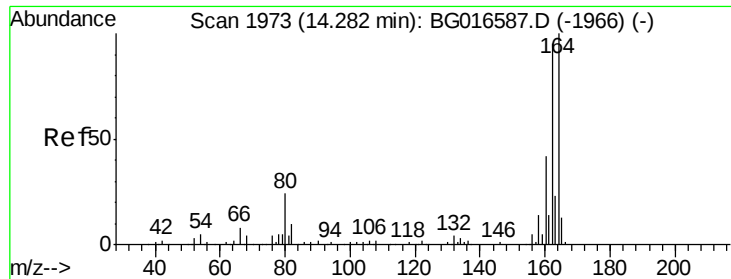


Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.28 min Scan# 1973

Delta R.T. -0.00 min

Lab File: BG016642.D

Acq: 23 Apr 2015 6:41

Instrument :

BNA_G

ClientSampleId :

S8-0440

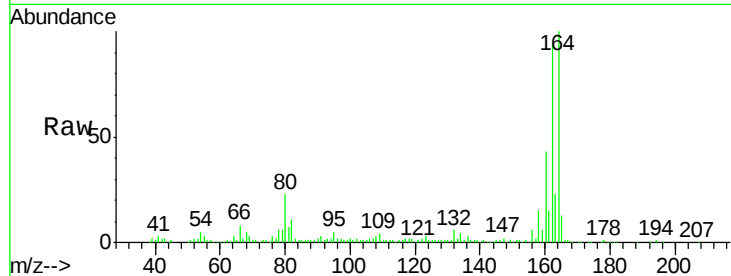
Tgt Ion:164 Resp: 150450

Ion Ratio Lower Upper

164 100

162 93.6 75.8 113.6

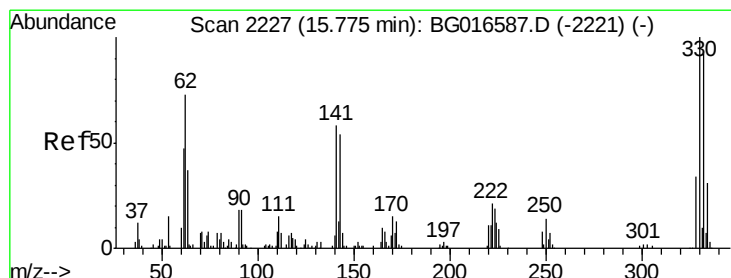
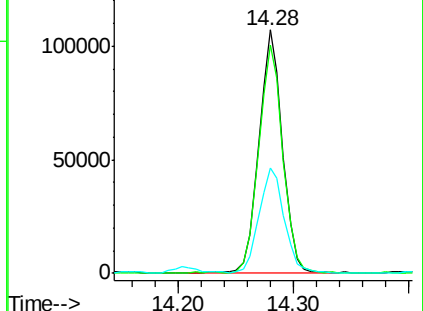
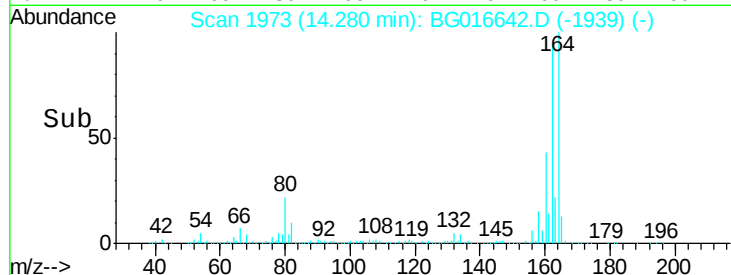
160 43.3 33.8 50.6



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: 153.03 ng

RT: 15.78 min Scan# 2228

Delta R.T. 0.00 min

Lab File: BG016642.D

Acq: 23 Apr 2015 6:41

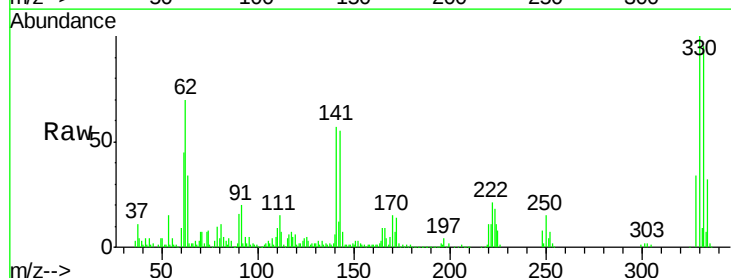
Tgt Ion:330 Resp: 156374

Ion Ratio Lower Upper

330 100

332 94.4 76.6 114.8

141 56.0 45.9 68.9



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

