

Data Path : Z:\HPCHEM1\BNA G\DATA\BG061616\
 Data File : BG022394.D
 Acq On : 17 Jun 2016 9:41
 Operator : UM/SJ
 Sample : H3474-02
 Misc :
 ALS Vial : 28 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Jun 17 13:36:54 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

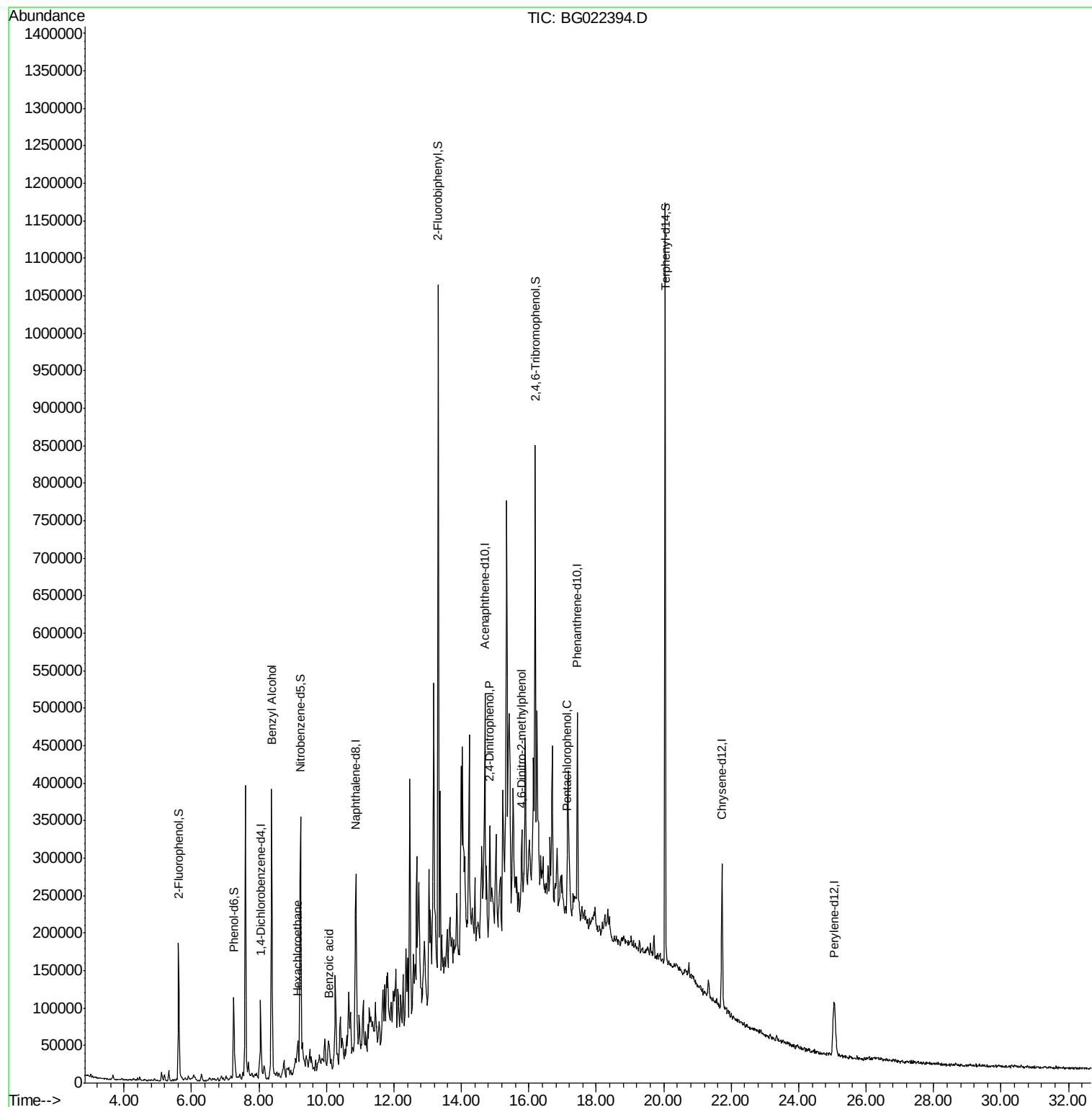
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	33781	20.00	ng	-0.04
21) Naphthalene-d8	10.87	136	163551	20.00	ng	-0.03
38) Acenaphthene-d10	14.70	164	87907	20.00	ng	-0.03
63) Phenanthrene-d10	17.44	188	162807	20.00	ng	-0.03
75) Chrysene-d12	21.73	240	136638	20.00	ng	-0.01
86) Perylene-d12	25.04	264	123857	20.00	ng	0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	123900	70.91	ng	-0.02
7) Phenol-d6	7.25	99	110284	40.15	ng	0.00
23) Nitrobenzene-d5	9.23	82	223043	95.08	ng	-0.03
41) 2,4,6-Tribromophenol	16.19	330	111185	111.93	ng	-0.02
44) 2-Fluorobiphenyl	13.31	172	527558	91.46	ng	-0.03
78) Terphenyl-d14	20.04	244	467332	81.20	ng	-0.02
Target Compounds						
15) Benzyl Alcohol	8.37	79	4403	2.48	ng	# 55
18) Hexachloroethane	9.15	117	2270	2.41	ng	# 1
32) Benzoic acid	10.08	122	1052	8.79	ng	# 68
53) 2,4-Dinitrophenol	14.84	184	60	11.00	ng	# 1
64) 4,6-Dinitro-2-methylphenol	15.81	198	113	5.60	ng	# 1
69) Pentachlorophenol	17.13	266	57	6.84	ng	# 16

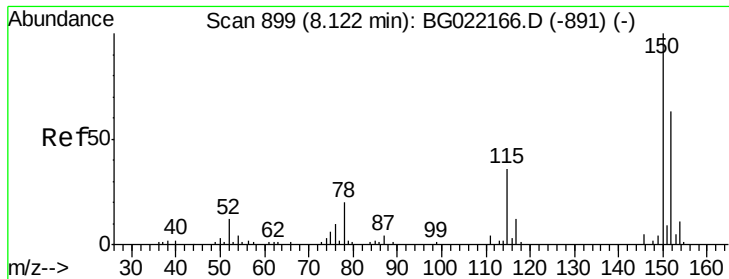
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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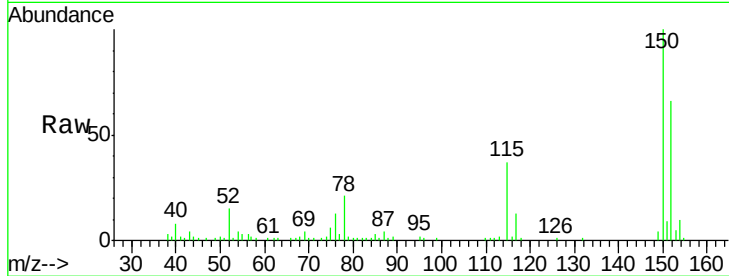


#1

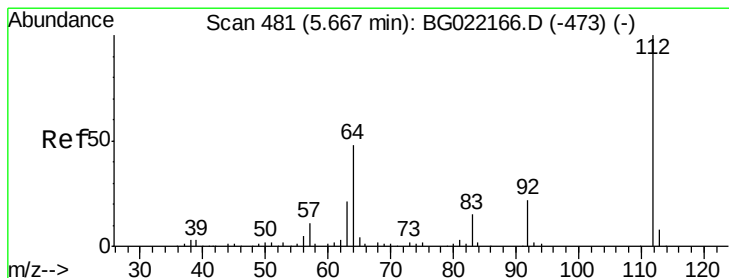
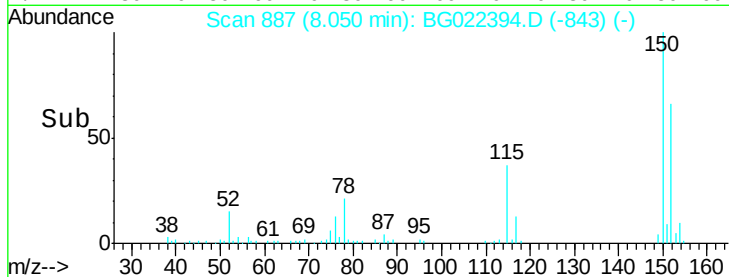
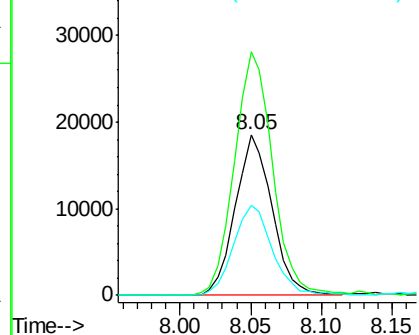
1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.05 min Scan# 887
Delta R.T. -0.04 min
Lab File: BG022394.D
Acq: 17 Jun 2016 9:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 33781
Ion Ratio Lower Upper
152 100
150 151.5 130.1 195.1
115 55.8 62.2 93.2#



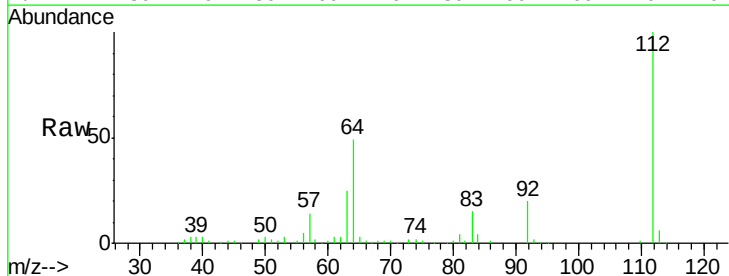
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



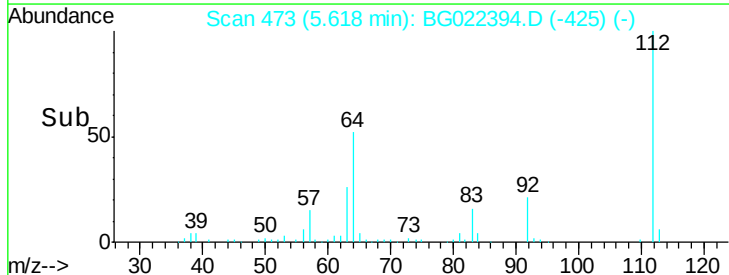
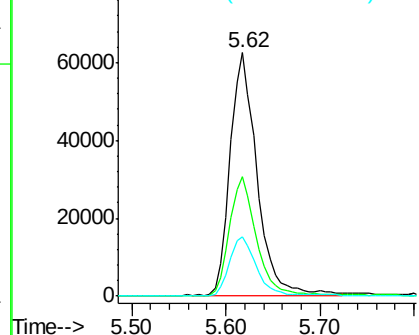
#5

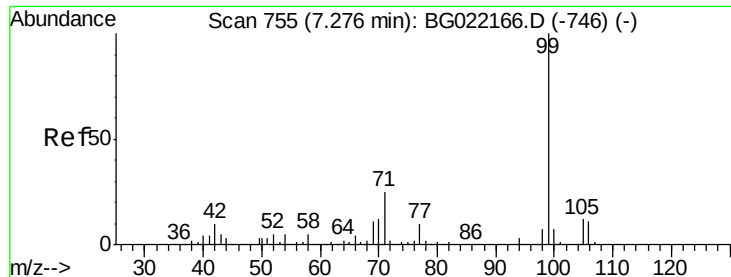
2-Fluorophenol
Concen: 70.91 ng
RT: 5.62 min Scan# 473
Delta R.T. -0.02 min
Lab File: BG022394.D
Acq: 17 Jun 2016 9:41

Tgt Ion:112 Resp: 123900
Ion Ratio Lower Upper
112 100
64 49.2 51.1 76.7#
63 24.6 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: 40.15 ng

RT: 7.25 min Scan# 751

Delta R.T. 0.00 min

Lab File: BG022394.D

Acq: 17 Jun 2016 9:41

Instrument :

BNA_G

ClientSampleId :

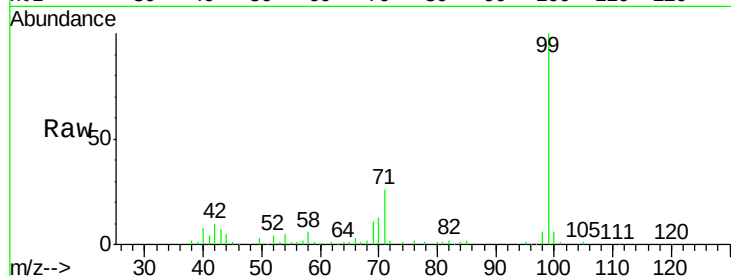
Tot Ion: 99 Resp: 110284

Ion Ratio Lower Upper

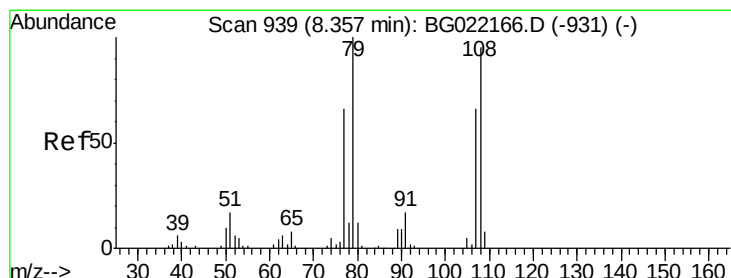
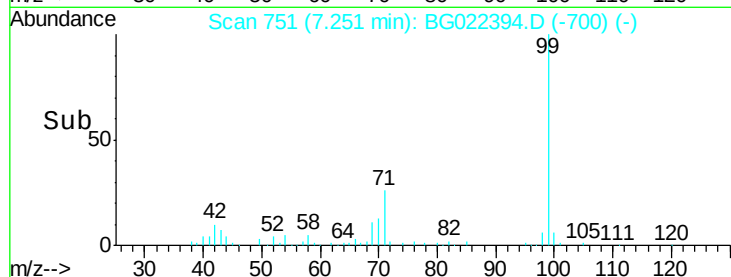
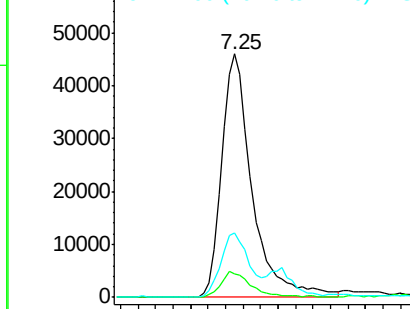
99 100

42 9.8 16.4 24.6#

71 26.4 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: 2.48 ng

RT: 8.37 min Scan# 942

Delta R.T. 0.04 min

Lab File: BG022394.D

Acq: 17 Jun 2016 9:41

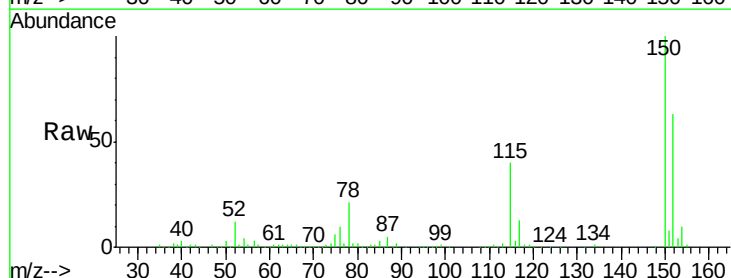
Tgt Ion: 79 Resp: 4403

Ion Ratio Lower Upper

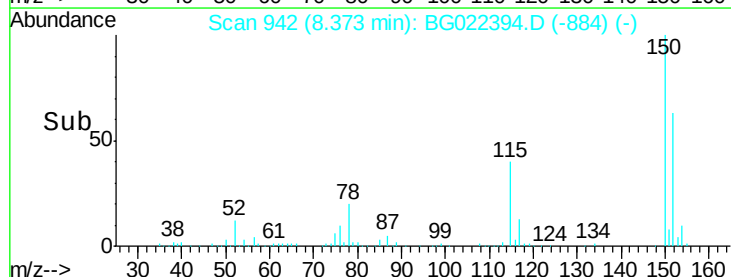
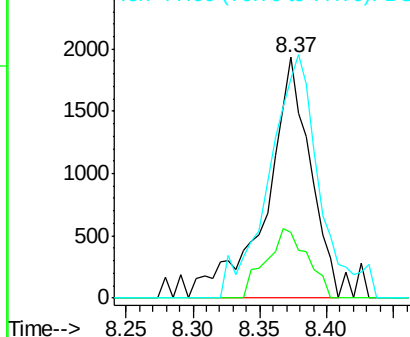
79 100

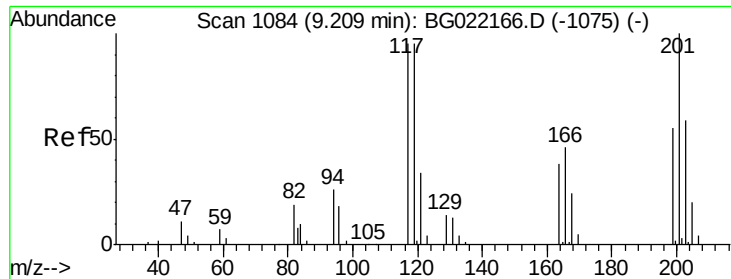
108 27.5 59.4 89.0#

77 91.2 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

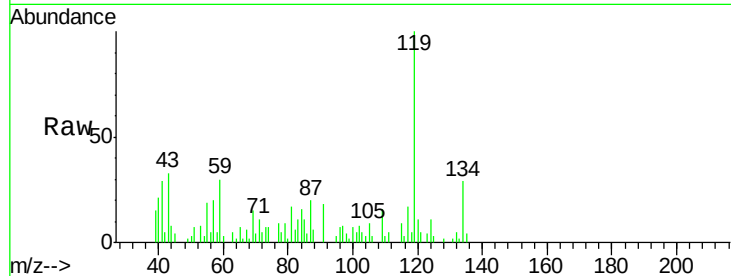




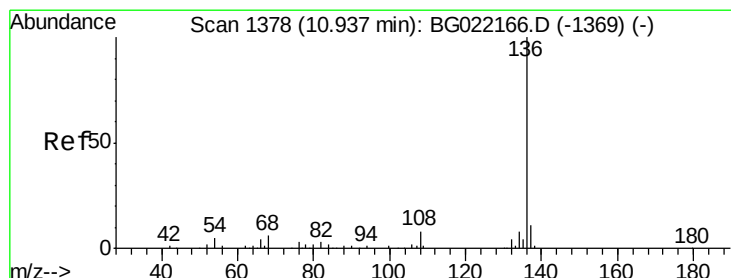
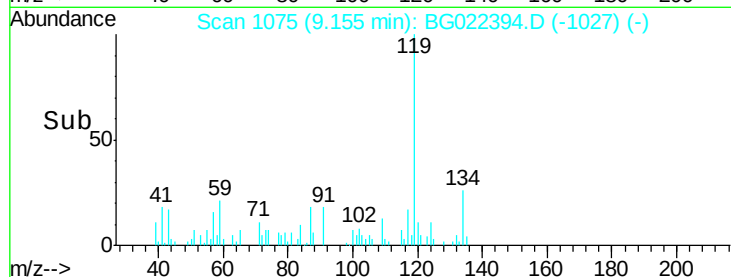
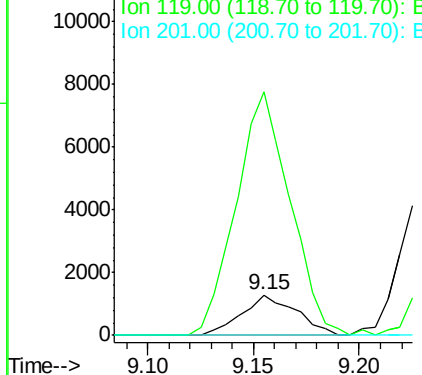
#18
Hexachloroethane
Concen: 2.41 ng
RT: 9.15 min Scan# 1075
Delta R.T. -0.02 min
Lab File: BG022394.D
Acq: 17 Jun 2016 9:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion:117 Resp: 2270
Ion Ratio Lower Upper
117 100
119 603.7 63.9 95.9#
201 0.0 61.2 91.8#

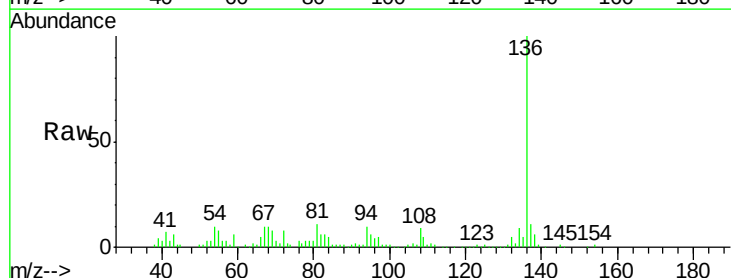


Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

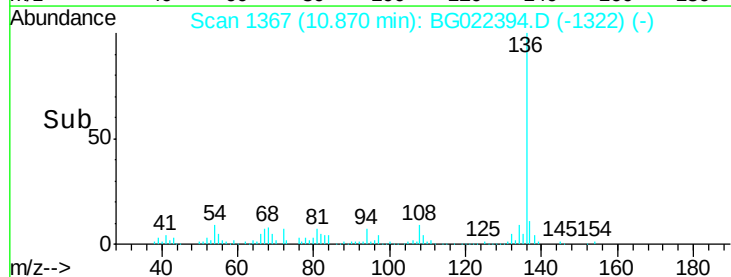
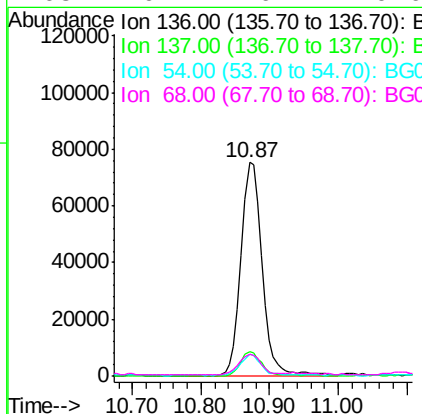


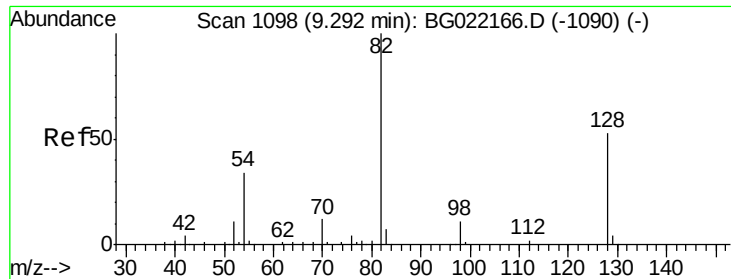
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1367
Delta R.T. -0.03 min
Lab File: BG022394.D
Acq: 17 Jun 2016 9:41

Tgt Ion:136 Resp: 163551
Ion Ratio Lower Upper
136 100
137 11.1 9.0 13.4
54 10.1 9.6 14.4
68 10.4 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

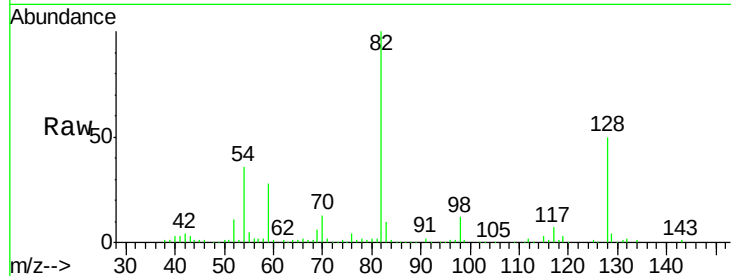




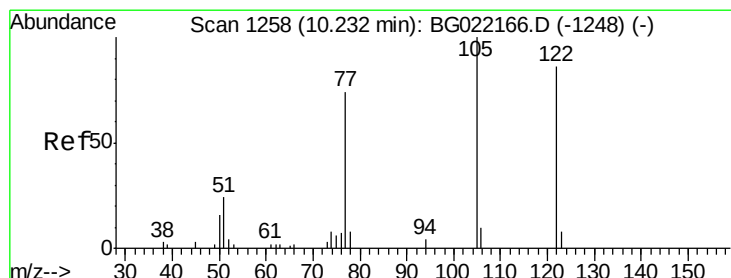
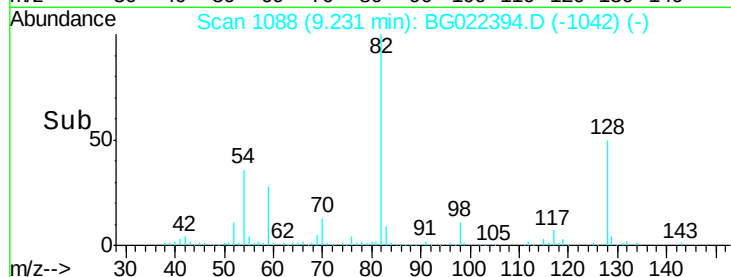
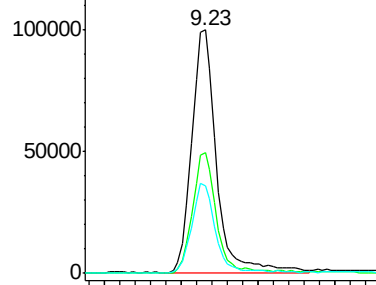
#23
Nitrobenzene-d5
Concen: 95.08 ng
RT: 9.23 min Scan# 1088
Delta R.T. -0.03 min
Lab File: BG022394.D
Acq: 17 Jun 2016 9:41

Instrument :
BNA_G
ClientSampleId :

Tot Ion	82	Resp	223043
Ion Ratio	Lower	Upper	
82	100		
128	49.6	33.4	50.0
54	36.1	46.1	69.1#

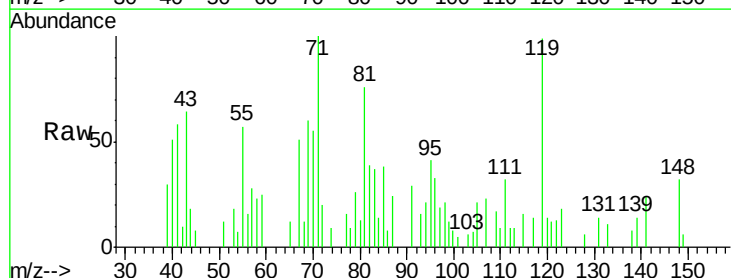


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 128.00 (127.70 to 128.70): BGC
Ion 54.00 (53.70 to 54.70): BGC

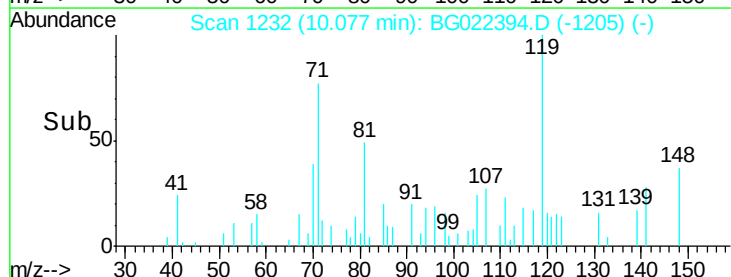
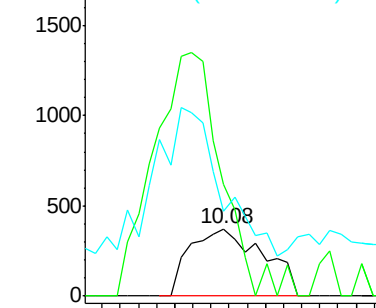


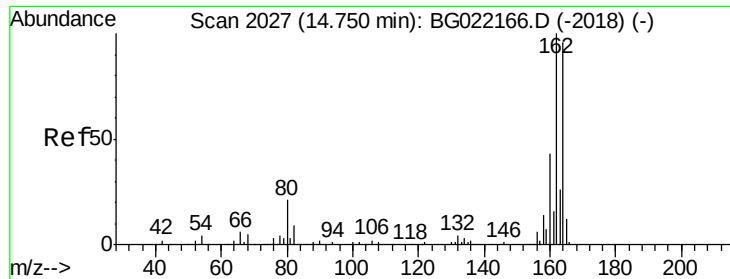
#32
Benzoic acid
Concen: 8.79 ng
RT: 10.08 min Scan# 1232
Delta R.T. -0.14 min
Lab File: BG022394.D
Acq: 17 Jun 2016 9:41

Tgt Ion	122	Resp	1052
Ion Ratio	Lower	Upper	
122	100		
105	166.0	104.5	144.5#
77	125.7	79.9	119.9#



Abundance Ion 122.00 (121.70 to 122.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 77.00 (76.70 to 77.70): BGC





#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.70 min Scan# 2018

Delta R.T. -0.03 min

Lab File: BG022394.D

Acq: 17 Jun 2016 9:41

Instrument :

BNA_G

ClientSampleId :

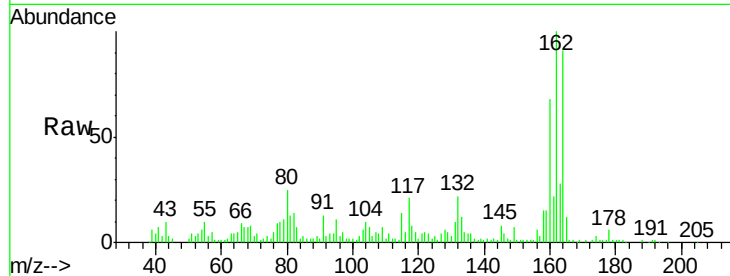
Tot Ion:164 Resp: 87907

Ion Ratio Lower Upper

164 100

162 109.6 78.0 117.0

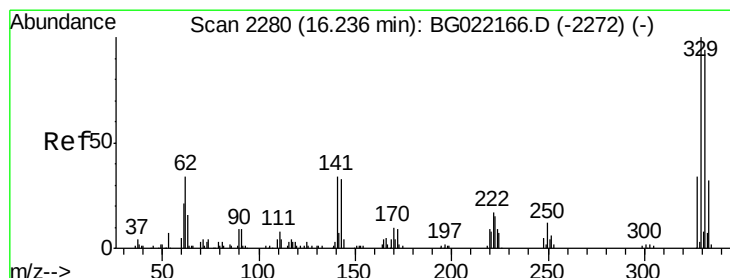
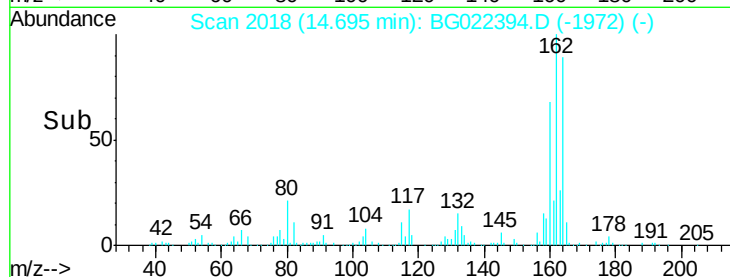
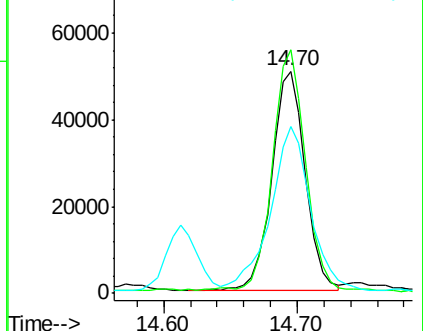
160 75.1 32.9 49.3#



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: 111.93 ng

RT: 16.19 min Scan# 2273

Delta R.T. -0.02 min

Lab File: BG022394.D

Acq: 17 Jun 2016 9:41

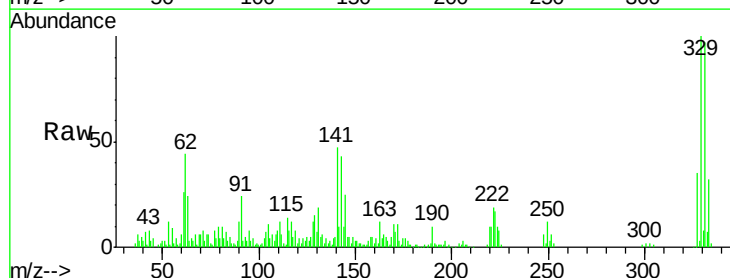
Tgt Ion:330 Resp: 111185

Ion Ratio Lower Upper

330 100

332 95.3 78.0 117.0

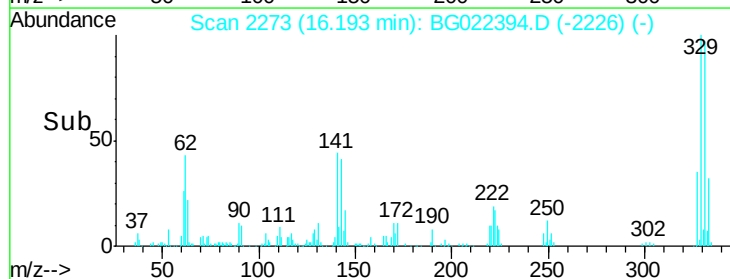
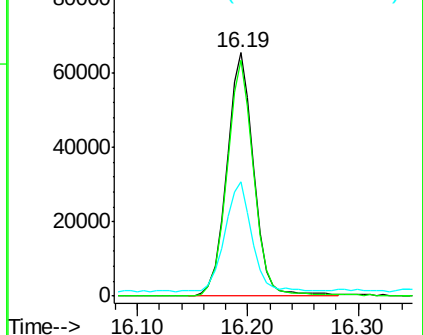
141 44.6 33.8 50.8

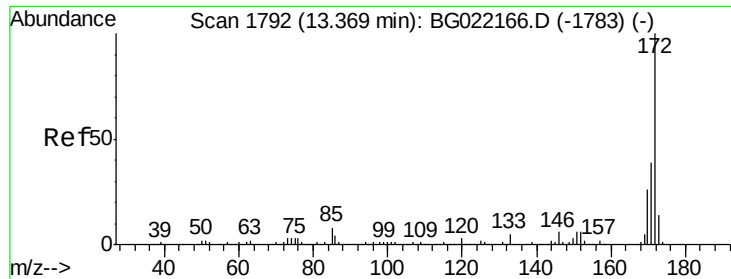


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

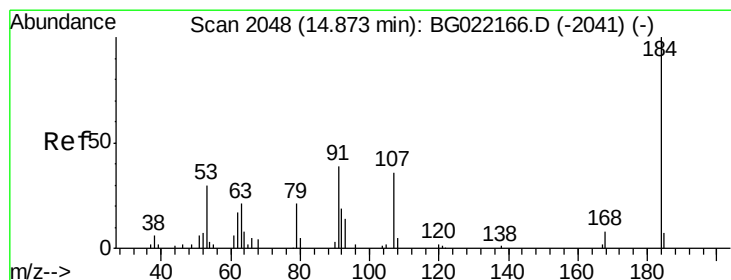
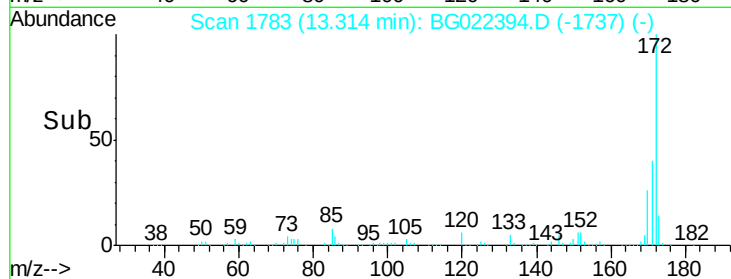
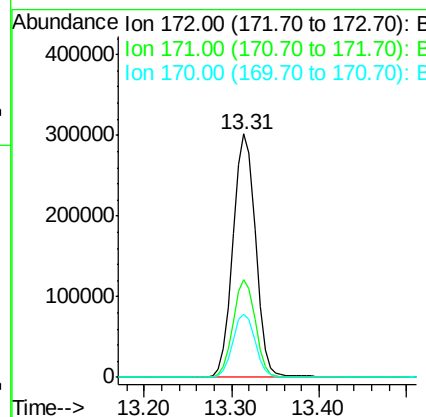
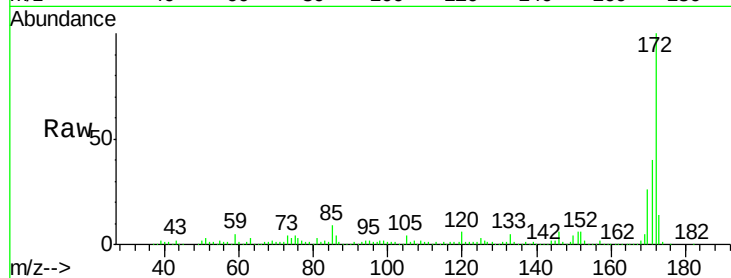




#44
2-Fluorobiphenyl
Concen: 91.46 ng
RT: 13.31 min Scan# 1783
Delta R.T. -0.03 min
Lab File: BG022394.D
Acq: 17 Jun 2016 9:41

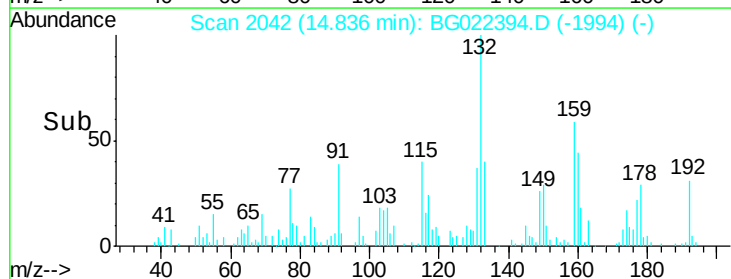
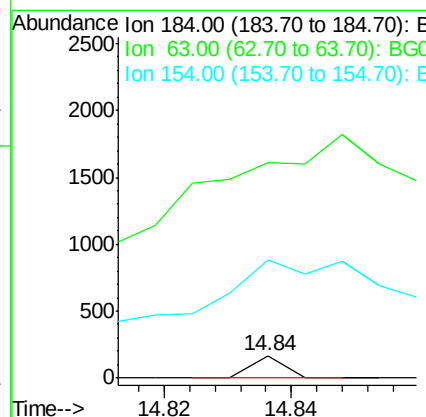
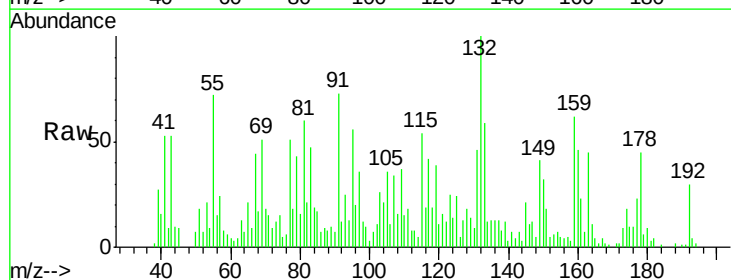
Instrument :
BNA_G
ClientSampleId :

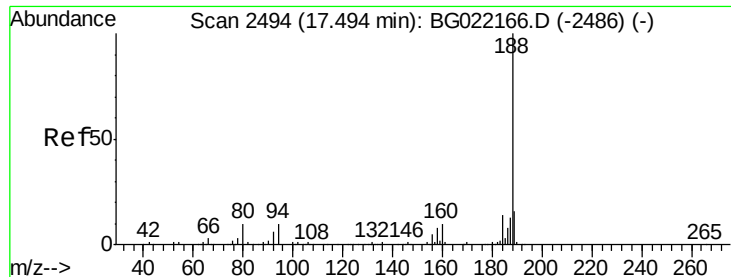
Tot Ion	Ratio	Lower	Upper
172	100		
171	40.3	27.8	41.6
170	26.1	19.6	29.4



#53
2,4-Dinitrophenol
Concen: 11.00 ng
RT: 14.84 min Scan# 2042
Delta R.T. -0.02 min
Lab File: BG022394.D
Acq: 17 Jun 2016 9:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	948.2	57.3	85.9#
154	520.6	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: BG022394.D

Acq: 17 Jun 2016 9:41

Instrument :

BNA_G

ClientSampleId :

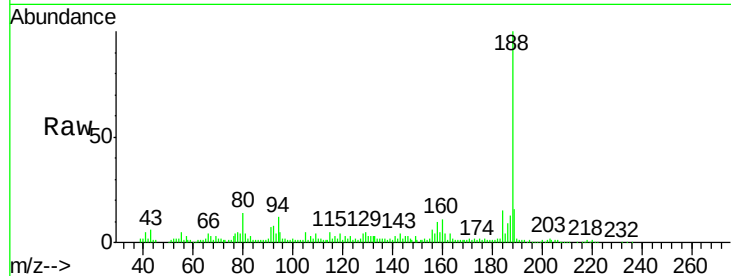
Tot Ion:188 Resp: 162807

Ion Ratio Lower Upper

188 100

94 12.0 7.5 11.3#

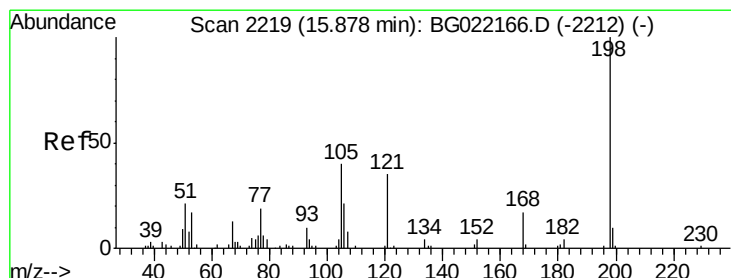
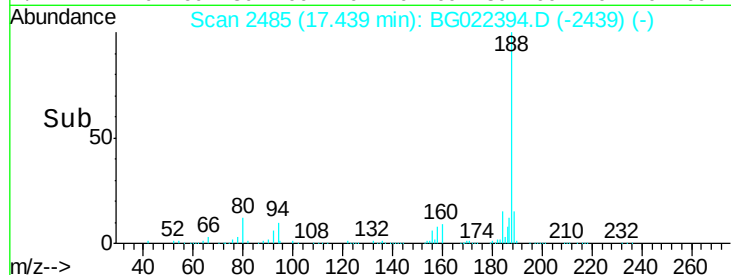
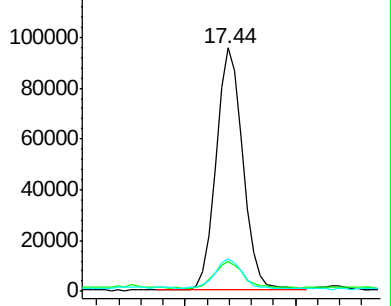
80 13.6 8.6 13.0#



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



#64

4,6-Dinitro-2-methylphenol

Concen: 5.60 ng

RT: 15.81 min Scan# 2207

Delta R.T. -0.05 min

Lab File: BG022394.D

Acq: 17 Jun 2016 9:41

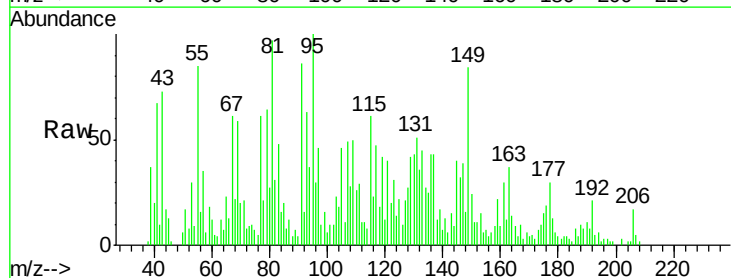
Tgt Ion:198 Resp: 113

Ion Ratio Lower Upper

198 100

51 810.6 29.2 69.2#

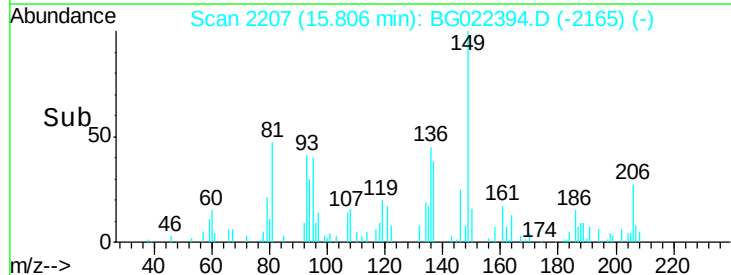
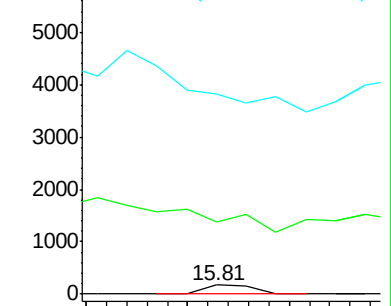
105 2248.2 24.0 64.0#

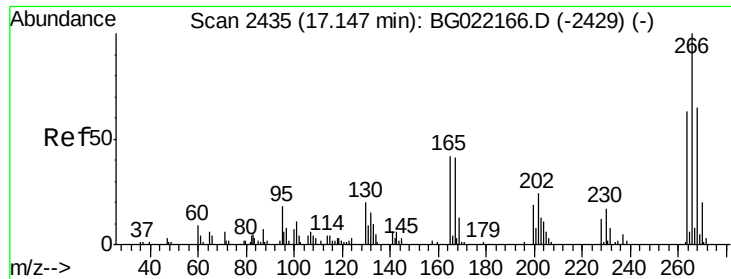


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E

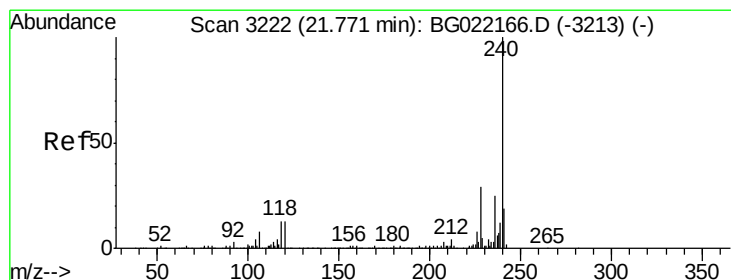
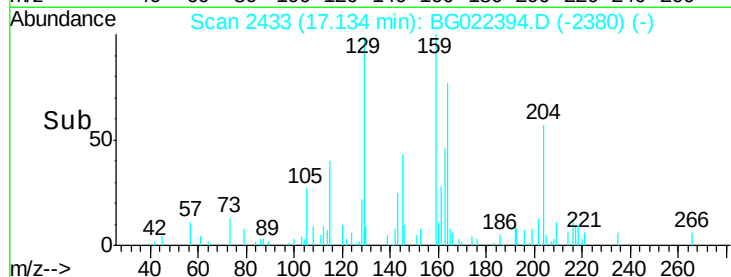
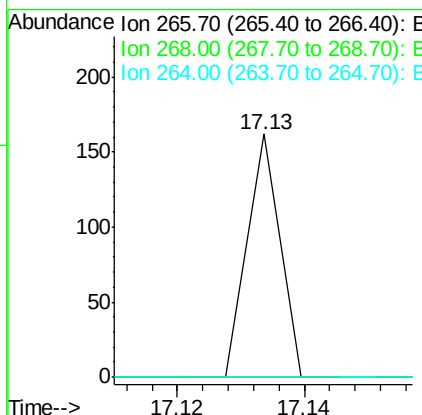
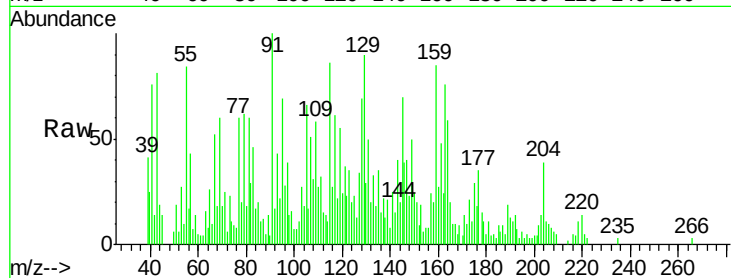




#69
 Pentachlorophenol
 Concen: 6.84 ng
 RT: 17.13 min Scan# 2433
 Delta R.T. 0.01 min
 Lab File: BG022394.D
 Acq: 17 Jun 2016 9:41

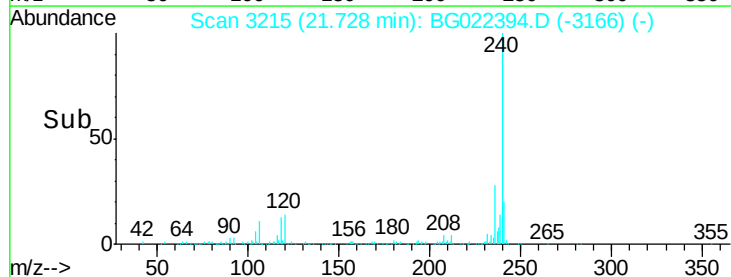
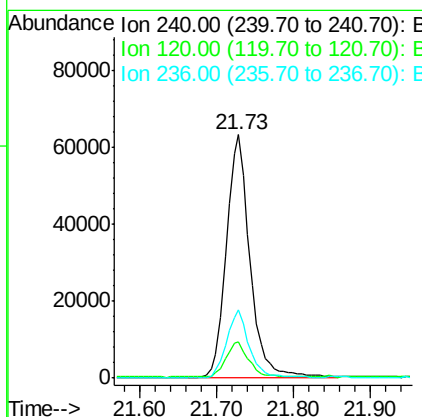
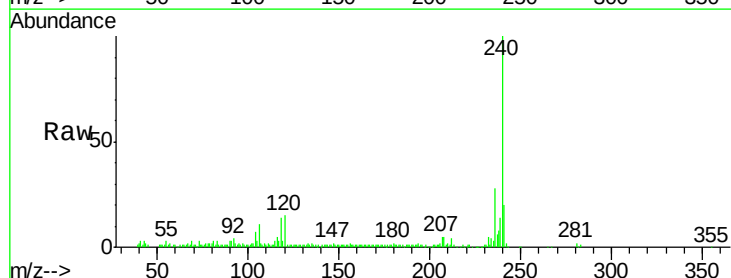
Instrument :
 BNA_G
 ClientSampleId :

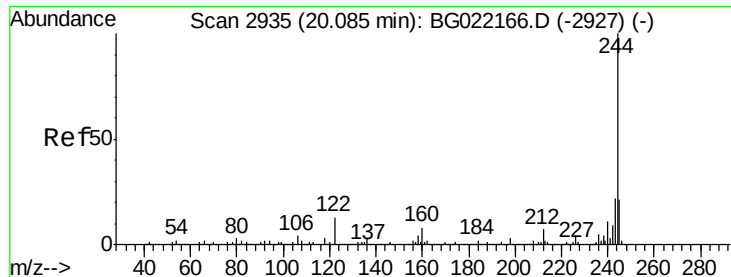
Tot Ion:266 Resp: 57
 Ion Ratio Lower Upper
 266 100
 268 0.0 54.5 81.7#
 264 0.0 53.8 80.6#



#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.73 min Scan# 3215
 Delta R.T. -0.01 min
 Lab File: BG022394.D
 Acq: 17 Jun 2016 9:41

Tgt Ion:240 Resp: 136638
 Ion Ratio Lower Upper
 240 100
 120 15.0 8.4 12.6#
 236 28.0 19.6 29.4





#78

Terphenyl-d14

Concen: 81.20 ng

RT: 20.04 min Scan# 2928

Delta R.T. -0.02 min

Lab File: BG022394.D

Acq: 17 Jun 2016 9:41

Instrument :

BNA_G

ClientSampleId :

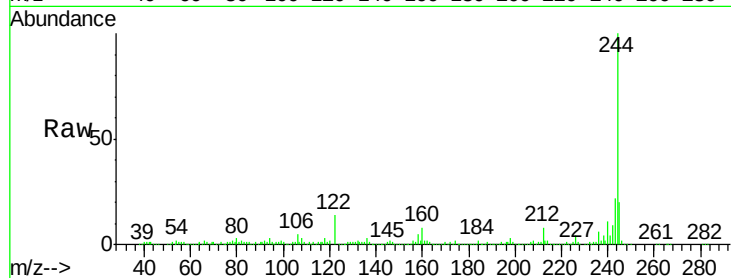
Tot Ion:244 Resp: 467332

Ion Ratio Lower Upper

244 100

212 7.6 6.5 9.7

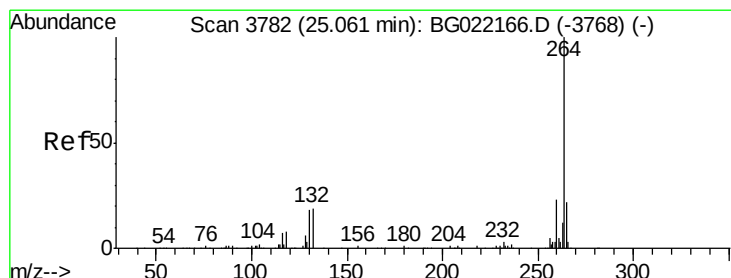
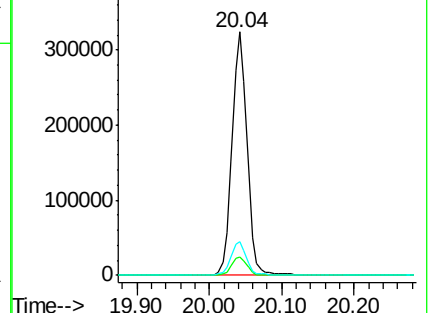
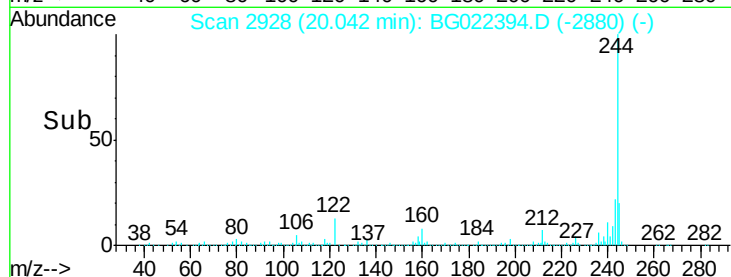
122 13.7 8.6 12.8#



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: 25.04 min Scan# 3779

Delta R.T. 0.03 min

Lab File: BG022394.D

Acq: 17 Jun 2016 9:41

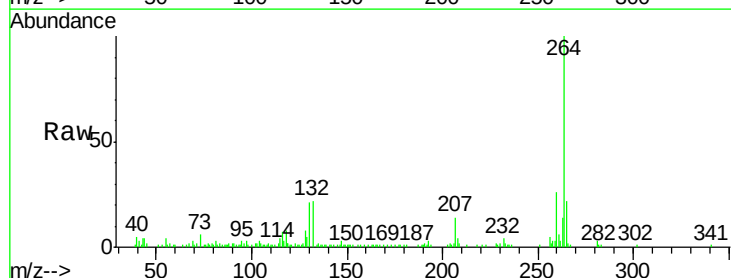
Tgt Ion:264 Resp: 123857

Ion Ratio Lower Upper

264 100

260 25.7 20.2 30.4

265 21.8 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

