

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG093016\
 Data File : BG024162.D
 Acq On : 30 Sep 2016 16:49
 Operator : UM/SJ
 Sample : H4998-12
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6

Quant Time: Sep 30 18:46:32 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG092316.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Sep 23 15:35:28 2016
 Response via : Initial Calibration

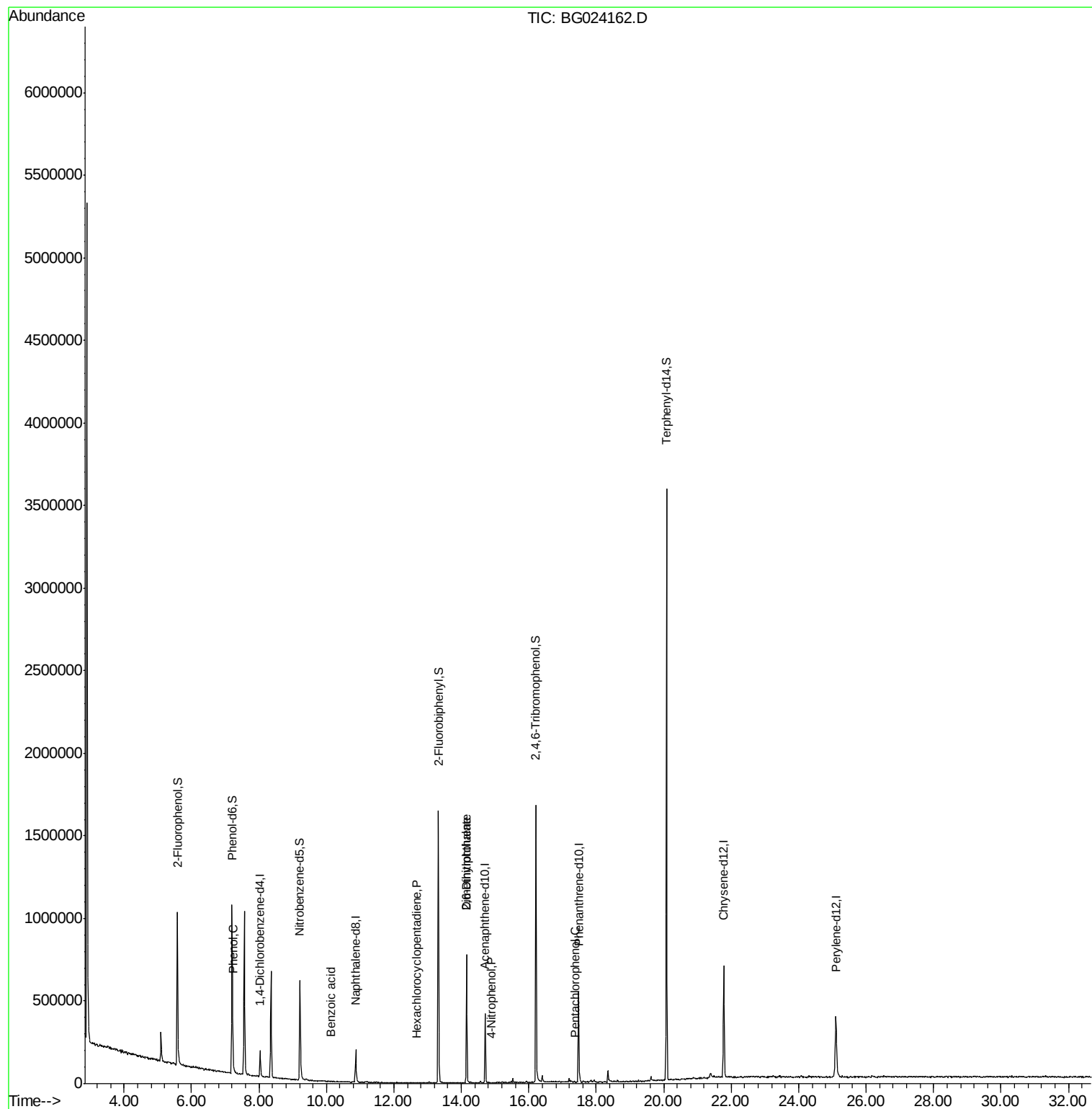
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	38171	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	175497	20.00	ng	0.00
38) Acenaphthene-d10	14.70	164	145437	20.00	ng	-0.01
63) Phenanthrene-d10	17.48	188	358892	20.00	ng	0.00
75) Chrysene-d12	21.78	240	428846	20.00	ng	-0.02
86) Perylene-d12	25.11	264	413739	20.00	ng	-0.03
System Monitoring Compounds						
5) 2-Fluorophenol	5.58	112	379492	172.24	ng	0.00
7) Phenol-d6	7.20	99	578439	156.03	ng	0.00
23) Nitrobenzene-d5	9.21	82	411894	92.50	ng	-0.01
41) 2,4,6-Tribromophenol	16.21	330	282370	135.07	ng	-0.02
44) 2-Fluorobiphenyl	13.32	172	783690	90.58	ng	-0.01
78) Terphenyl-d14	20.08	244	1412409	67.44	ng	-0.02
Target Compounds						
10) Phenol	7.23	94	9939	2.55	ng	# 52
32) Benzoic acid	10.13	122	73	2.19	ng	# 1
40) Hexachlorocyclopentadiene	12.67	237	60	3.62	ng	# 26
49) Dimethylphthalate	14.15	163	475688	42.63	ng	99
50) 2,6-Dinitrotoluene	14.15	165	5612	2.39	ng	# 5
55) 4-Nitrophenol	14.89	139	141	5.42	ng	# 1
69) Pentachlorophenol	17.37	266	61	3.59	ng	# 18

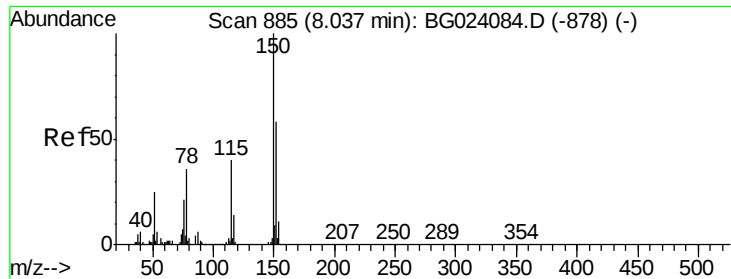
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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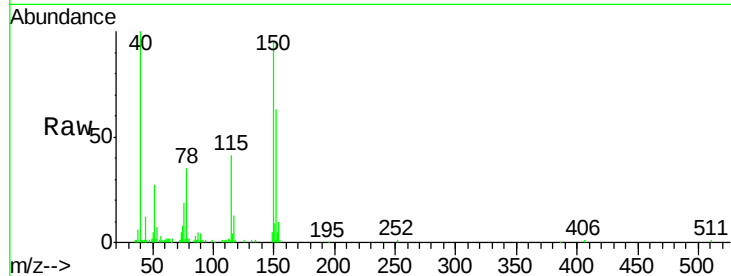


#1

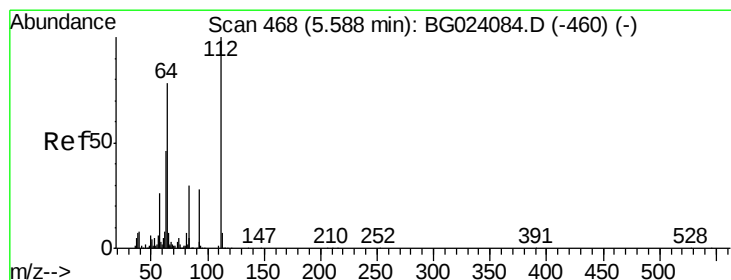
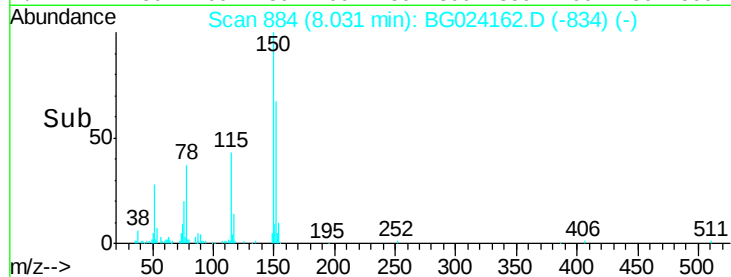
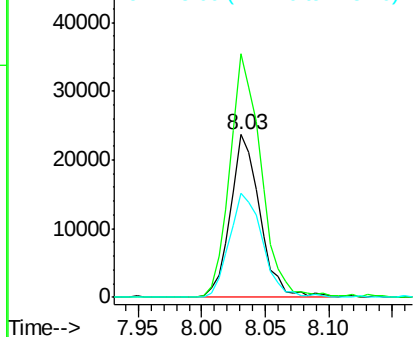
1,4-Dichlorobenzene-d4
 Concen: 20.00 ng
 RT: 8.03 min Scan# 884
 Delta R.T. -0.01 min
 Lab File: BG024162.D
 Acq: 30 Sep 2016 16:49

Instrument :
 BNA_G
 ClientSampleId :
 SUP-B046-3-6

Tgt Ion	Ratio	Lower	Upper
152	100		
150	149.6	144.7	217.1
115	64.2	64.0	96.0



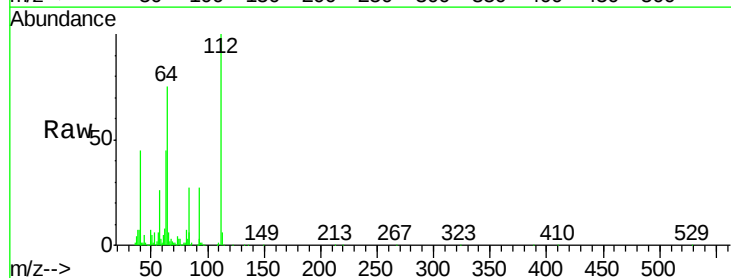
Abundance Ion 152.00 (151.70 to 152.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 115.00 (114.70 to 115.70): E



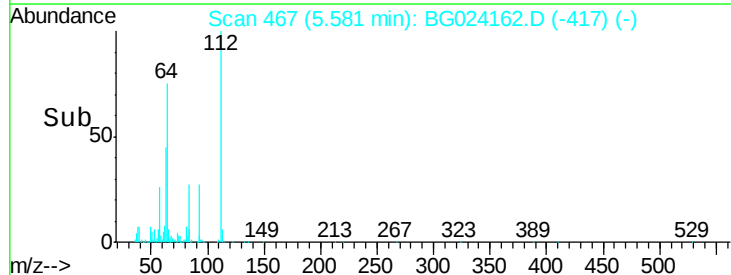
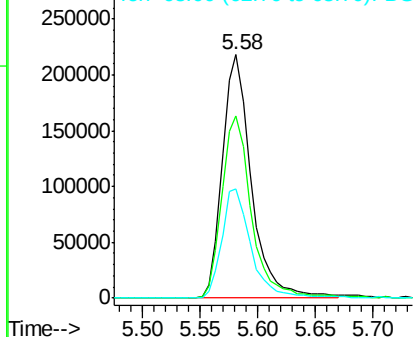
#5

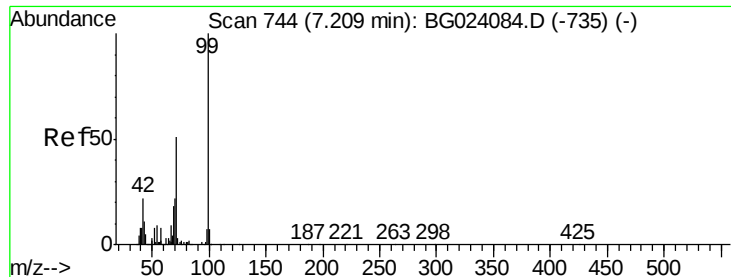
2-Fluorophenol
 Concen: 172.24 ng
 RT: 5.58 min Scan# 467
 Delta R.T. -0.01 min
 Lab File: BG024162.D
 Acq: 30 Sep 2016 16:49

Tgt Ion	Ratio	Lower	Upper
112	100		
64	74.8	59.0	88.4
63	44.9	37.8	56.8



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: 156.03 ng

RT: 7.20 min Scan# 743

Delta R.T. -0.01 min

Lab File: BG024162.D

Acq: 30 Sep 2016 16:49

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6

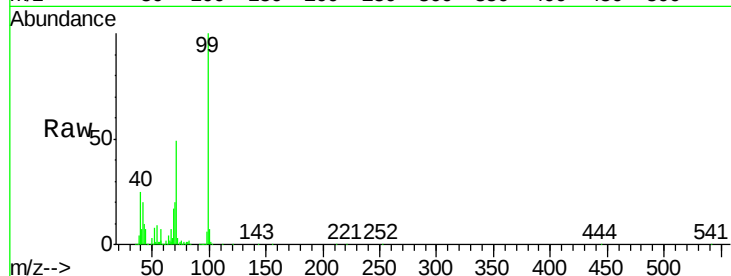
Tgt Ion: 99 Resp: 578439

Ion Ratio Lower Upper

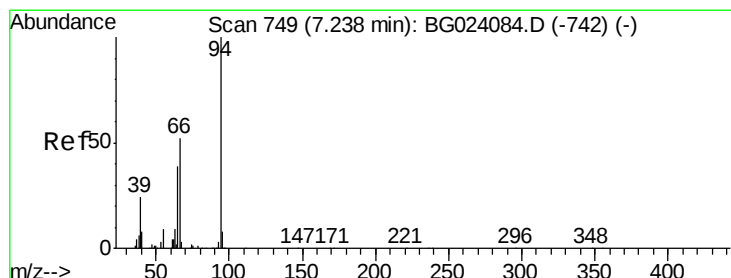
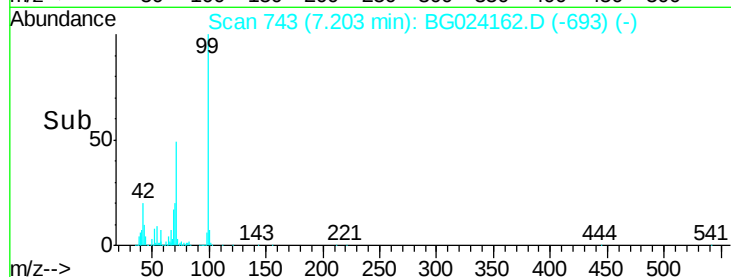
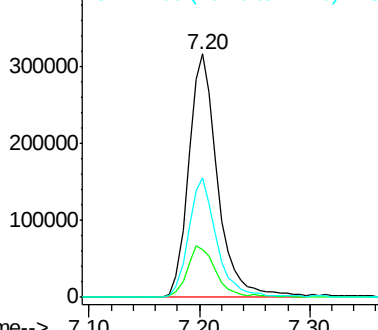
99 100

42 19.7 17.8 26.6

71 49.0 41.5 62.3



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



#10

Phenol

Concen: 2.55 ng

RT: 7.23 min Scan# 747

Delta R.T. -0.01 min

Lab File: BG024162.D

Acq: 30 Sep 2016 16:49

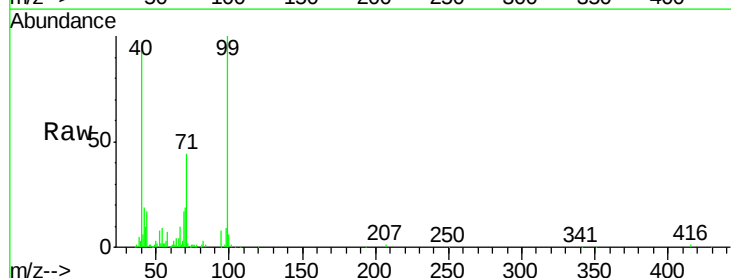
Tgt Ion: 94 Resp: 9939

Ion Ratio Lower Upper

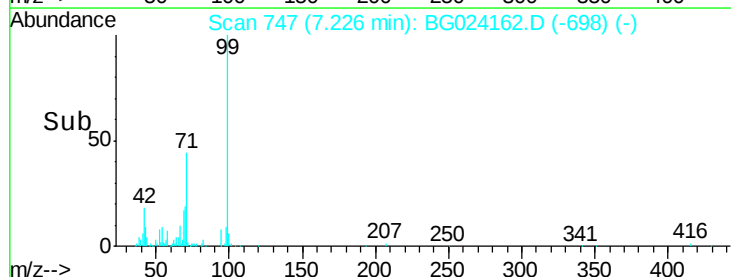
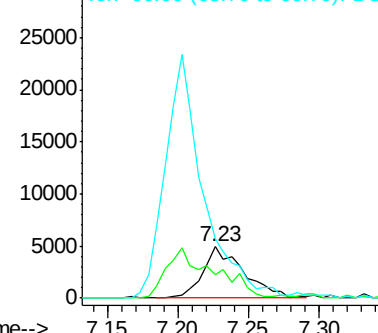
94 100

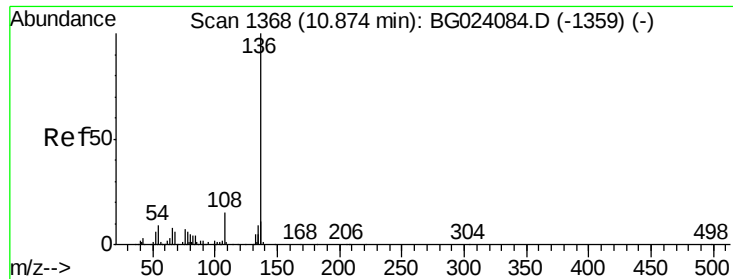
65 46.3 18.1 58.1

66 115.6 42.1 82.1#



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC

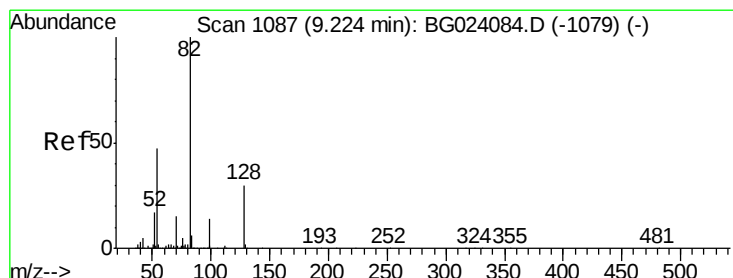
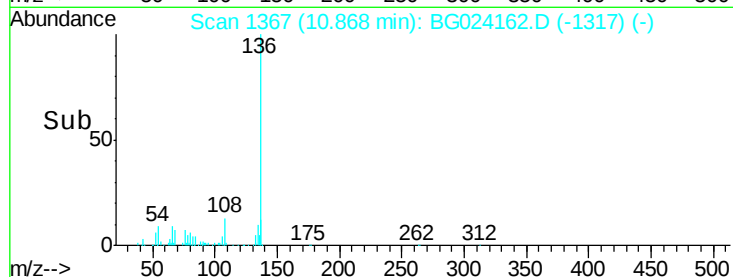
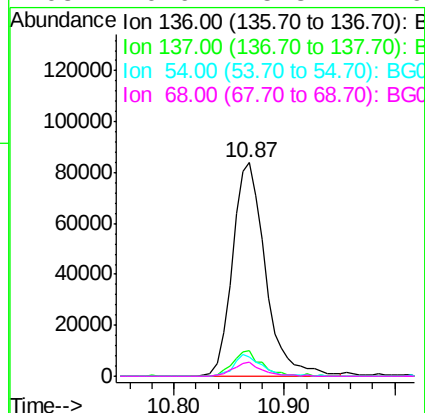
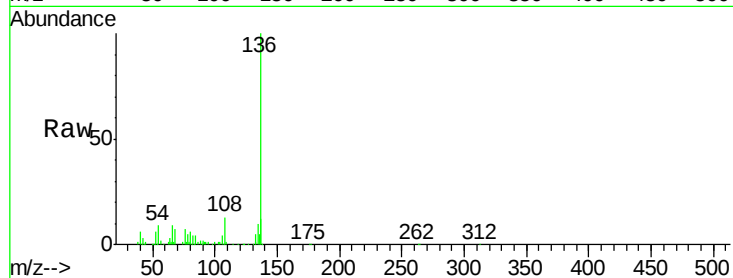




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.87 min Scan# 1367
Delta R.T. -0.01 min
Lab File: BG024162.D
Acq: 30 Sep 2016 16:49

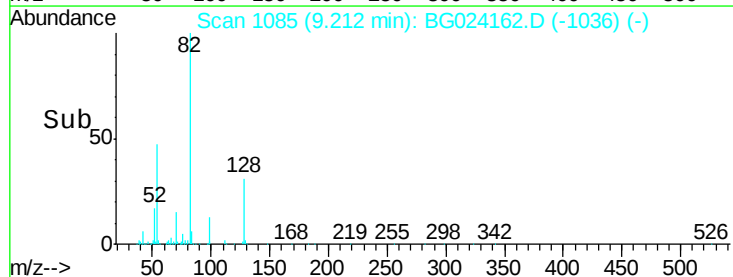
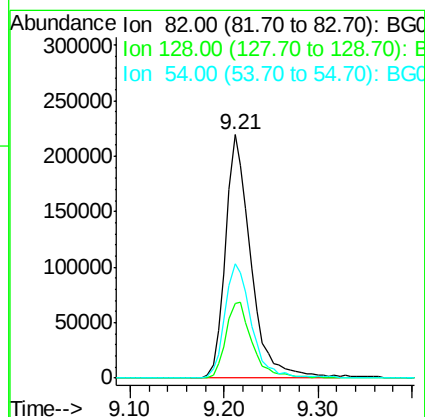
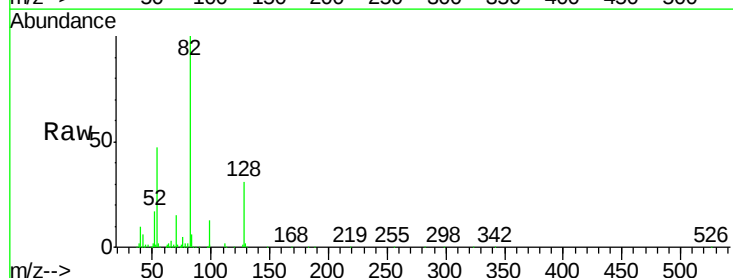
Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6

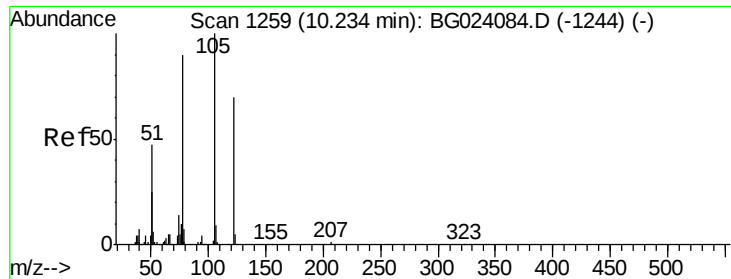
Tgt Ion:	136	Resp:	175497
Ion	Ratio	Lower	Upper
136	100		
137	12.0	9.6	14.4
54	9.3	7.3	10.9
68	6.6	5.3	7.9



#23
Nitrobenzene-d5
Concen: 92.50 ng
RT: 9.21 min Scan# 1085
Delta R.T. -0.01 min
Lab File: BG024162.D
Acq: 30 Sep 2016 16:49

Tgt Ion:	82	Resp:	411894
Ion	Ratio	Lower	Upper
82	100		
128	30.6	24.4	36.6
54	46.9	41.4	62.0

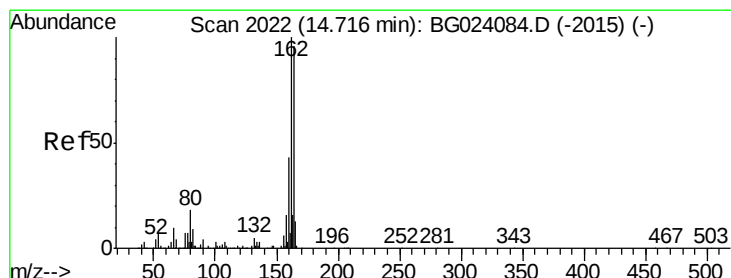
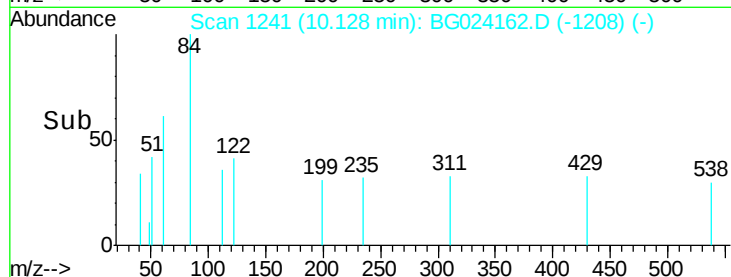
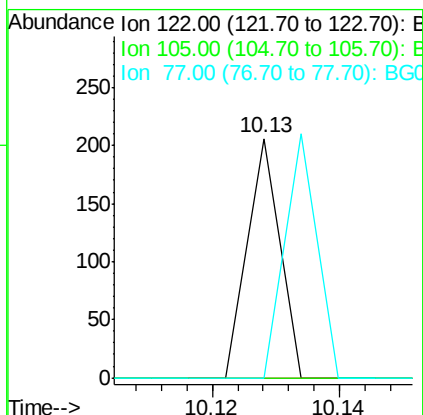
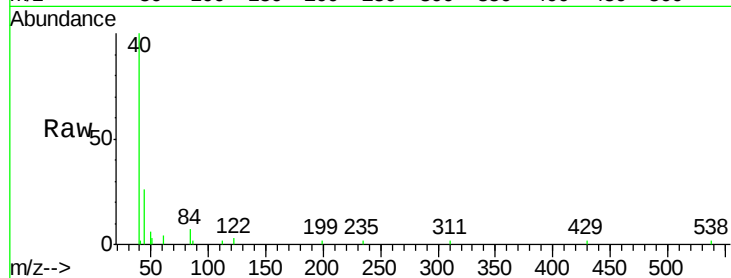




#32
Benzoic acid
Concen: 2.19 ng
RT: 10.13 min Scan# 1241
Delta R.T. -0.11 min
Lab File: BG024162.D
Acq: 30 Sep 2016 16:49

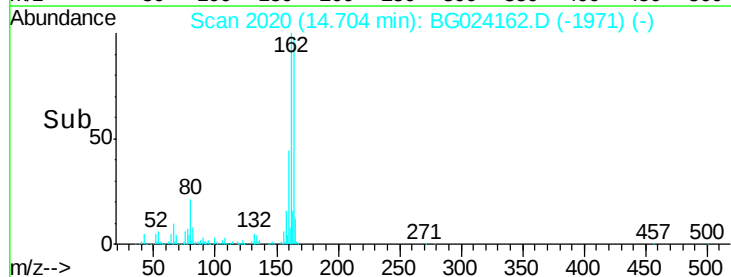
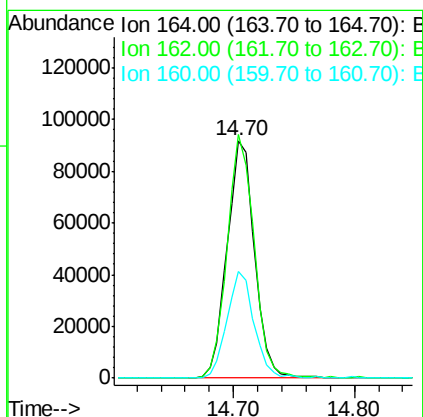
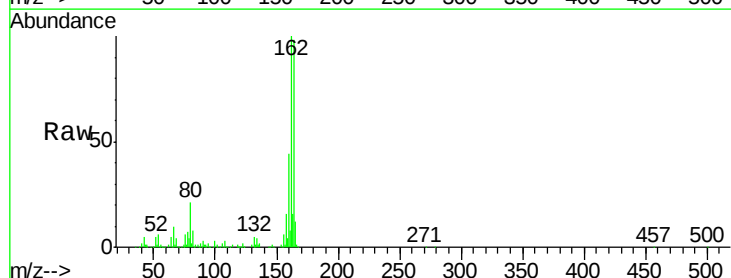
Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6

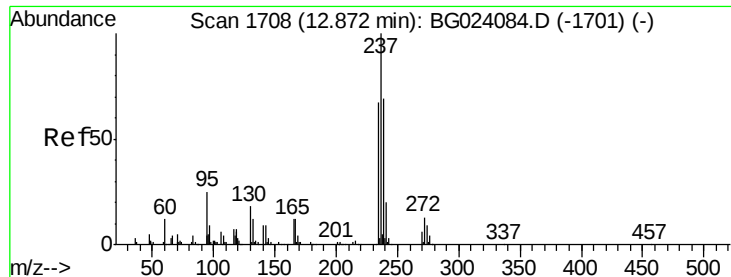
Tgt Ion	Ratio	Lower	Upper
122	100		
105	0.0	117.2	157.2#
77	0.0	109.2	149.2#



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.70 min Scan# 2020
Delta R.T. -0.01 min
Lab File: BG024162.D
Acq: 30 Sep 2016 16:49

Tgt Ion	Ratio	Lower	Upper
164	100		
162	102.4	87.7	131.5
160	44.9	37.2	55.8





#40

Hexachlorocyclopentadiene

Concen: 3.62 ng

RT: 12.67 min Scan# 1673

Delta R.T. -0.21 min

Lab File: BG024162.D

Acq: 30 Sep 2016 16:49

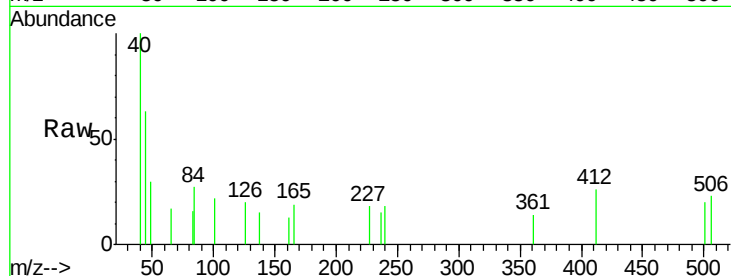
Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6

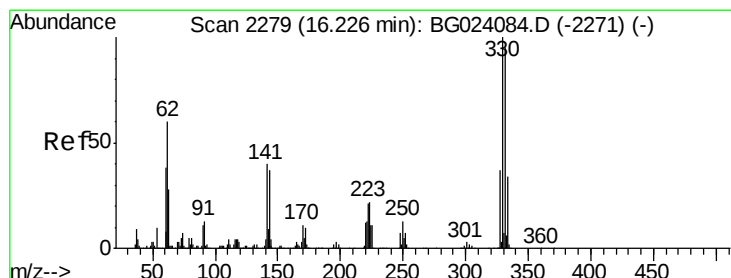
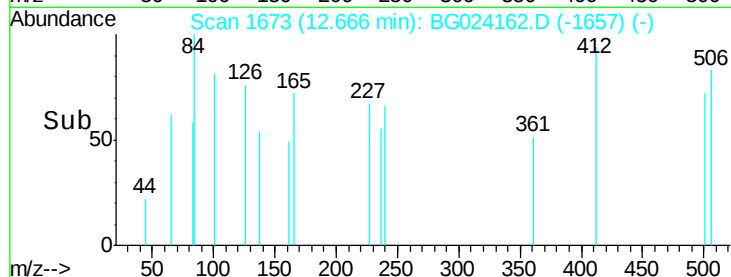
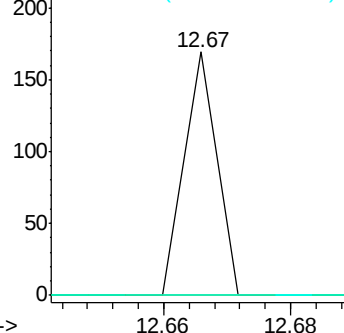
Tgt Ion:	237	Resp:	60
Ion	Ratio	Lower	Upper
237	100		
235	0.0	43.1	83.1#
272	0.0	0.0	30.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#41

2,4,6-Tribromophenol

Concen: 135.07 ng

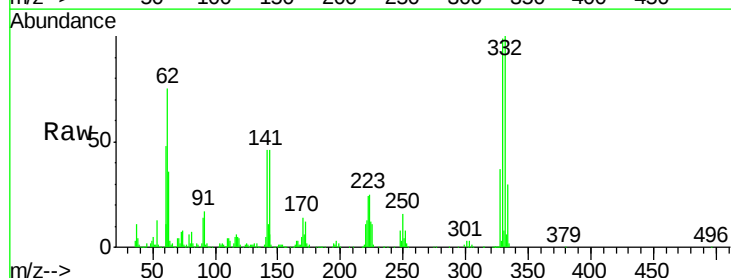
RT: 16.21 min Scan# 2276

Delta R.T. -0.02 min

Lab File: BG024162.D

Acq: 30 Sep 2016 16:49

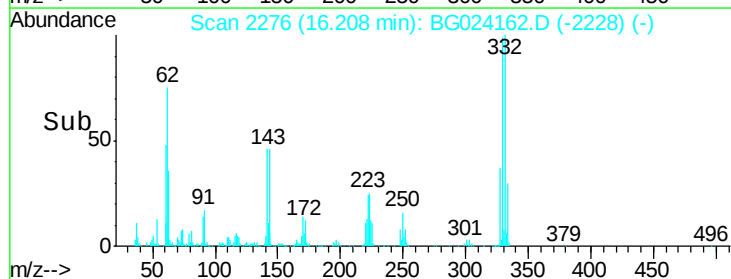
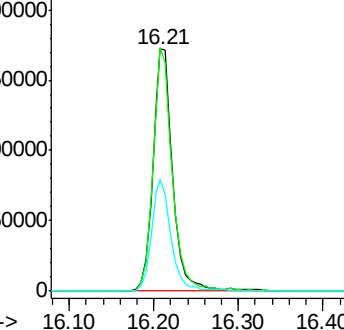
Tgt Ion:	330	Resp:	282370
Ion	Ratio	Lower	Upper
330	100		
332	97.1	77.4	116.2
141	46.1	31.7	47.5

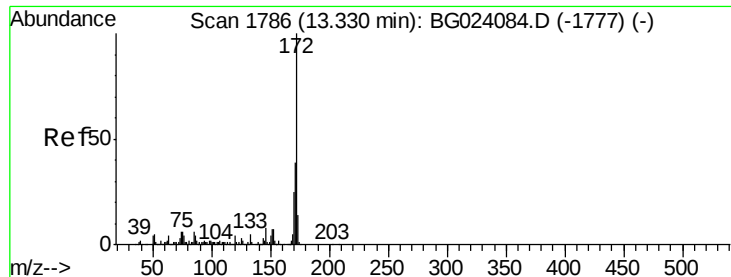


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

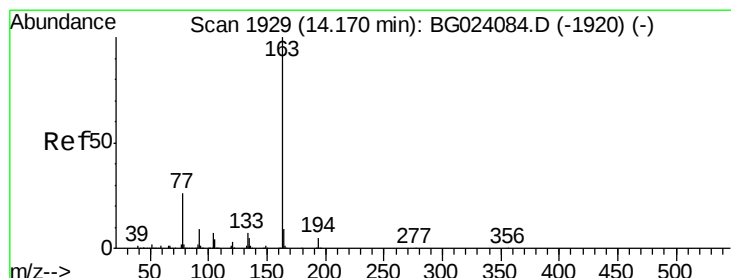
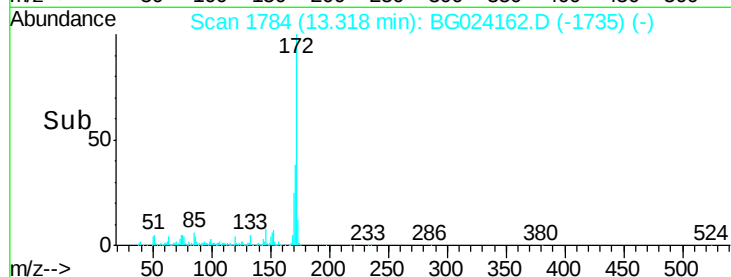
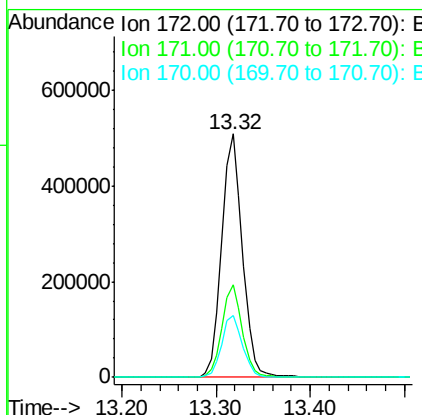
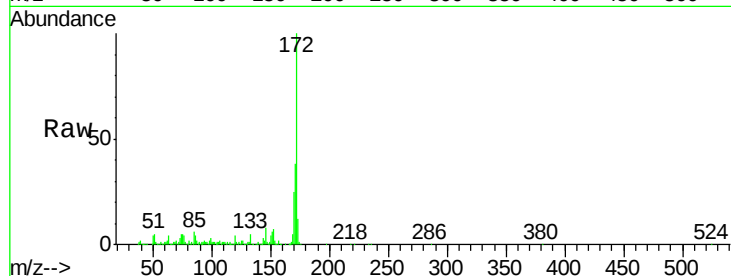




#44
2-Fluorobiphenyl
Concen: 90.58 ng
RT: 13.32 min Scan# 1784
Delta R.T. -0.01 min
Lab File: BG024162.D
Acq: 30 Sep 2016 16:49

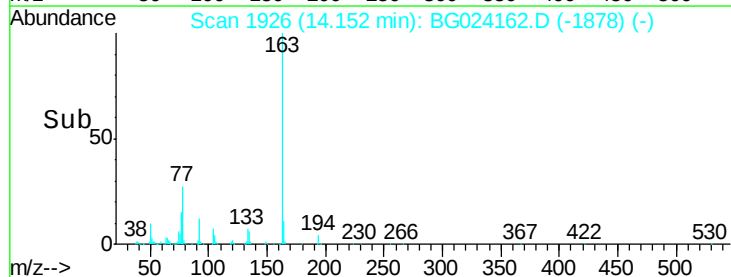
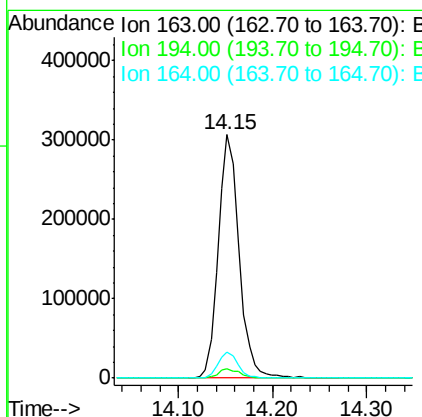
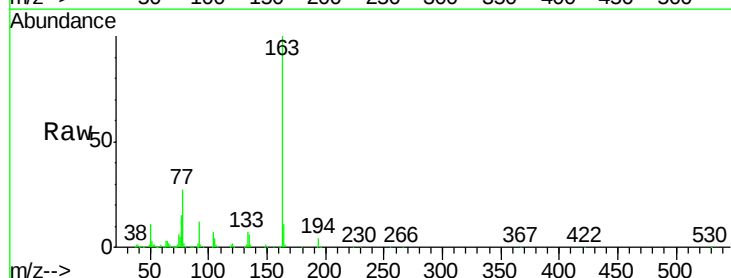
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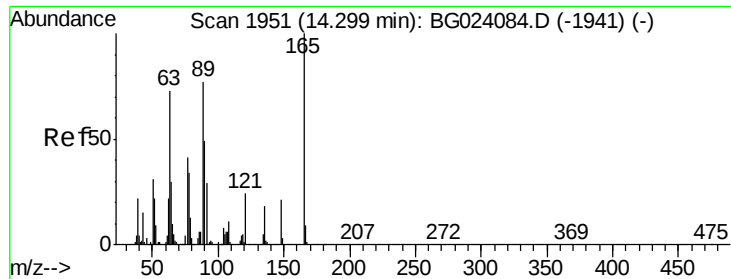
Tgt Ion:172 Resp: 783690
Ion Ratio Lower Upper
172 100
171 37.8 31.6 47.4
170 25.2 21.3 31.9



#49
Dimethylphthalate
Concen: 42.63 ng
RT: 14.15 min Scan# 1926
Delta R.T. -0.02 min
Lab File: BG024162.D
Acq: 30 Sep 2016 16:49

Tgt Ion:163 Resp: 475688
Ion Ratio Lower Upper
163 100
194 4.1 3.6 5.4
164 10.5 8.1 12.1

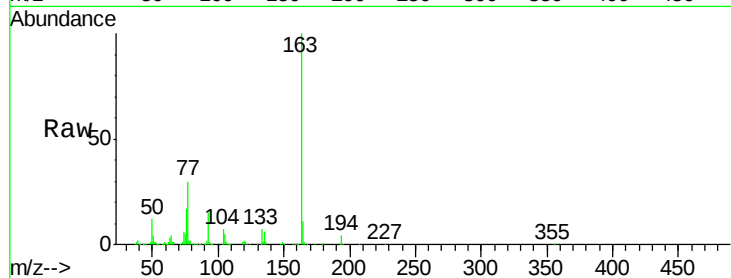




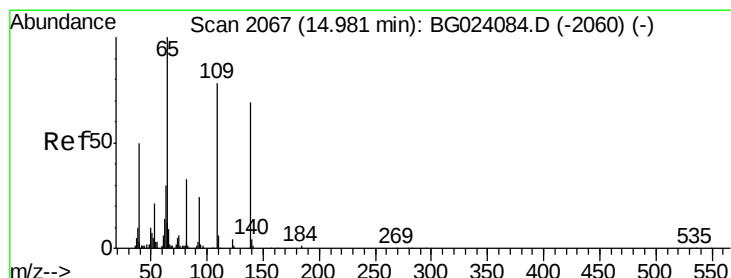
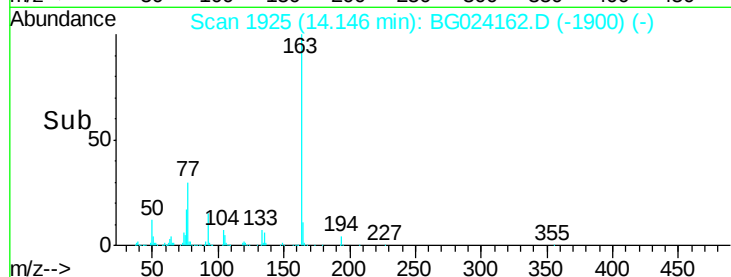
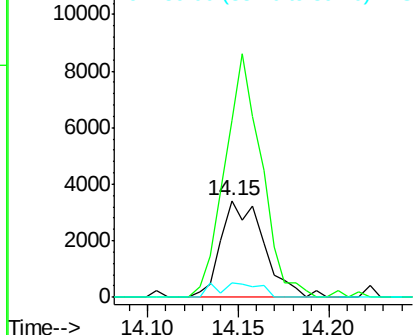
#50
2,6-Dinitrotoluene
Concen: 2.39 ng
RT: 14.15 min Scan# 1925
Delta R.T. -0.15 min
Lab File: BG024162.D
Acq: 30 Sep 2016 16:49

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6

Tgt Ion:165 Resp: 5612
Ion Ratio Lower Upper
165 100
63 183.5 64.3 96.5#
89 15.4 64.3 96.5#

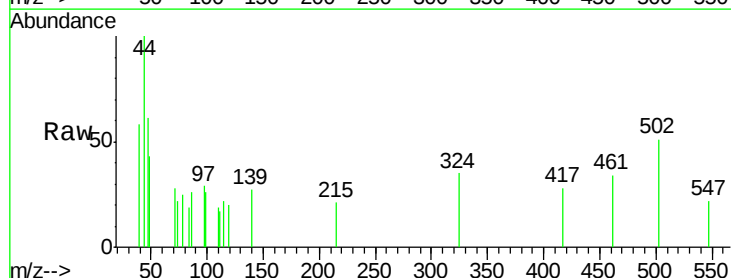


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC

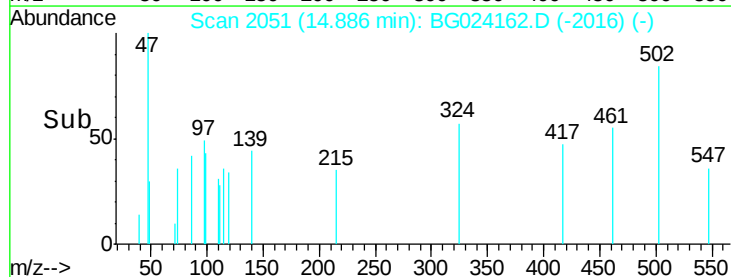
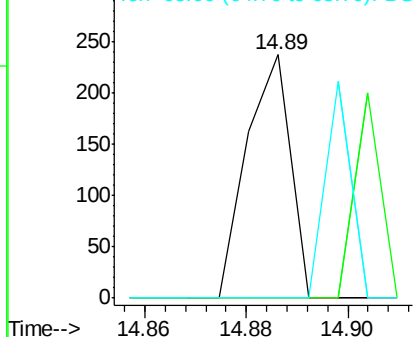


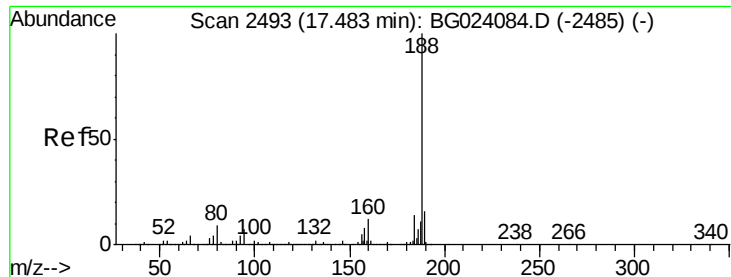
#55
4-Nitrophenol
Concen: 5.42 ng
RT: 14.89 min Scan# 2051
Delta R.T. -0.09 min
Lab File: BG024162.D
Acq: 30 Sep 2016 16:49

Tgt Ion:139 Resp: 141
Ion Ratio Lower Upper
139 100
109 0.0 103.0 143.0#
65 0.0 112.7 152.7#



Abundance Ion 139.00 (138.70 to 139.70): E
Ion 109.00 (108.70 to 109.70): E
Ion 65.00 (64.70 to 65.70): BGC

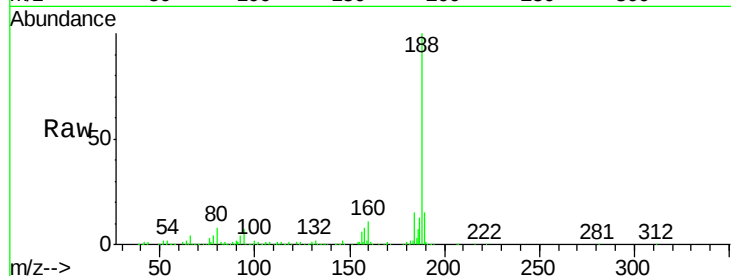




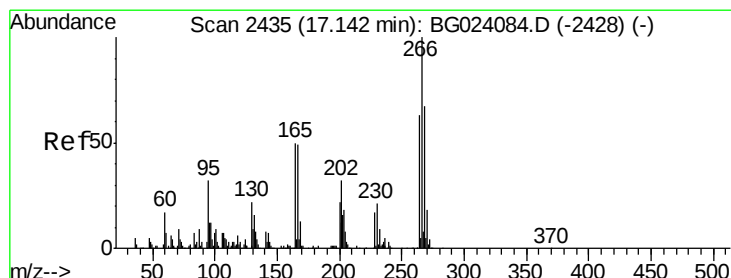
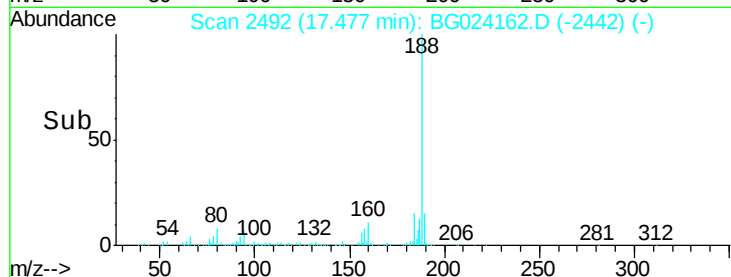
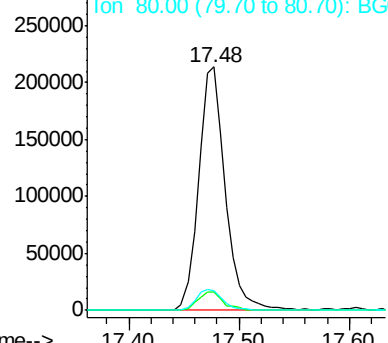
#63
Phenanthrene-d10
Concen: 20.00 ng
RT: 17.48 min Scan# 2492
Delta R.T. -0.01 min
Lab File: BG024162.D
Acq: 30 Sep 2016 16:49

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6

Tgt Ion:188 Resp: 358892
Ion Ratio Lower Upper
188 100
94 7.4 5.2 7.8
80 8.2 7.2 10.8

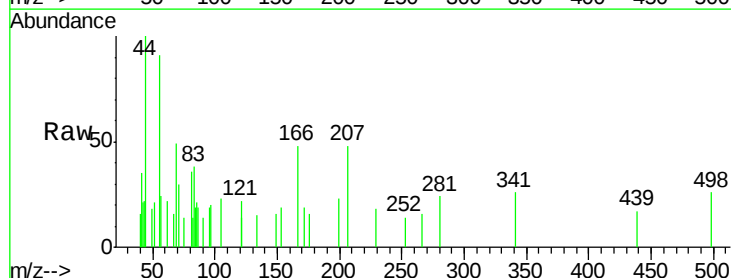


Abundance Ion 188.00 (187.70 to 188.70): E
Ion 94.00 (93.70 to 94.70): BGC
Ion 80.00 (79.70 to 80.70): BGC

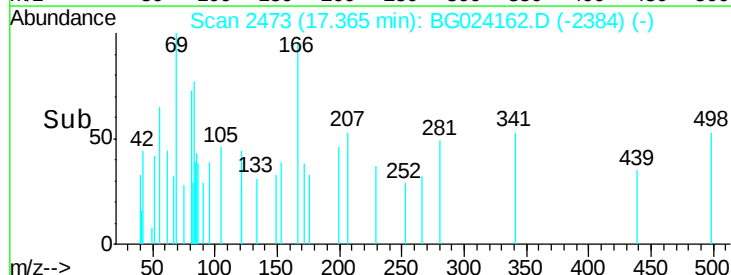
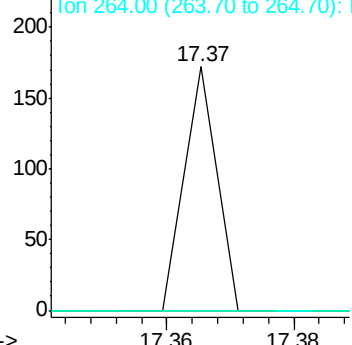


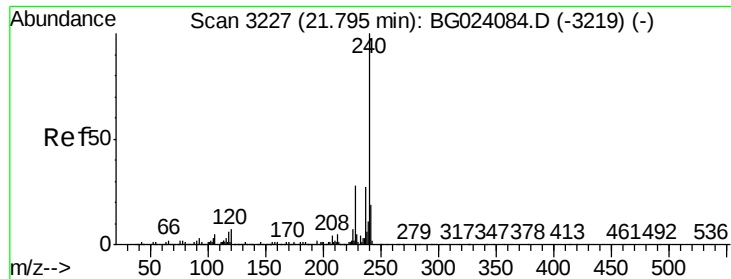
#69
Pentachlorophenol
Concen: 3.59 ng
RT: 17.37 min Scan# 2473
Delta R.T. 0.22 min
Lab File: BG024162.D
Acq: 30 Sep 2016 16:49

Tgt Ion:266 Resp: 61
Ion Ratio Lower Upper
266 100
268 0.0 51.9 77.9#
264 0.0 50.6 75.8#



Abundance Ion 265.70 (265.40 to 266.40): E
Ion 268.00 (267.70 to 268.70): E
Ion 264.00 (263.70 to 264.70): E





#75

Chrysene-d12

Concen: 20.00 ng

RT: 21.78 min Scan# 3224

Delta R.T. -0.02 min

Lab File: BG024162.D

Acq: 30 Sep 2016 16:49

Instrument :

BNA_G

ClientSampleId :

SUP-B046-3-6

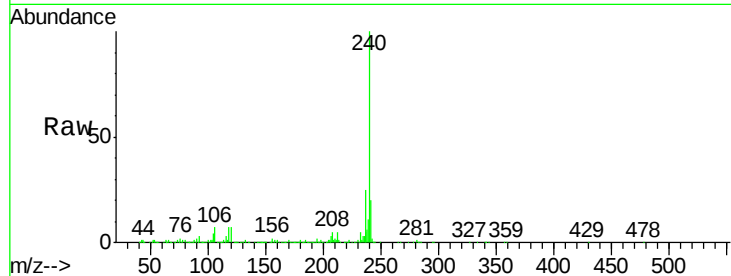
Tgt Ion:240 Resp: 428846

Ion Ratio Lower Upper

240 100

120 6.6 4.1 6.1#

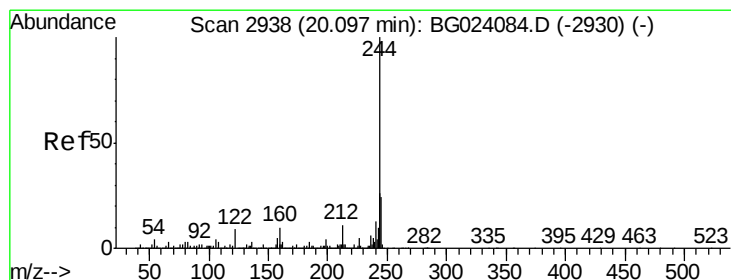
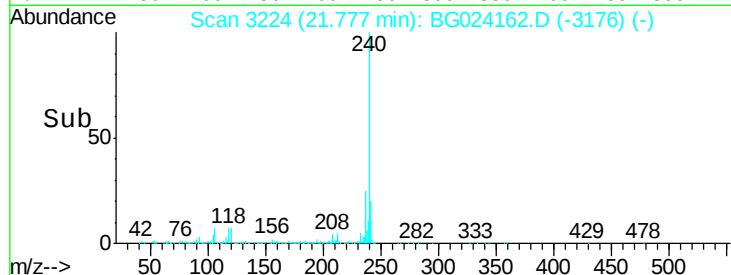
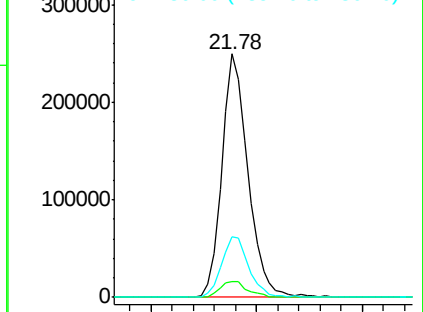
236 24.9 21.1 31.7



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: 67.44 ng

RT: 20.08 min Scan# 2935

Delta R.T. -0.02 min

Lab File: BG024162.D

Acq: 30 Sep 2016 16:49

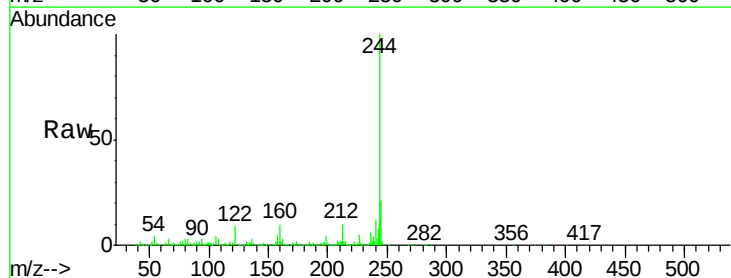
Tgt Ion:244 Resp: 1412409

Ion Ratio Lower Upper

244 100

212 10.3 10.8 16.2#

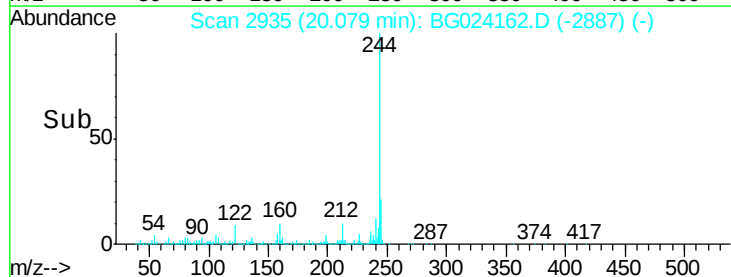
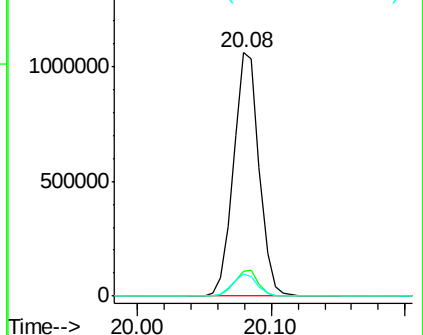
122 8.9 8.0 12.0

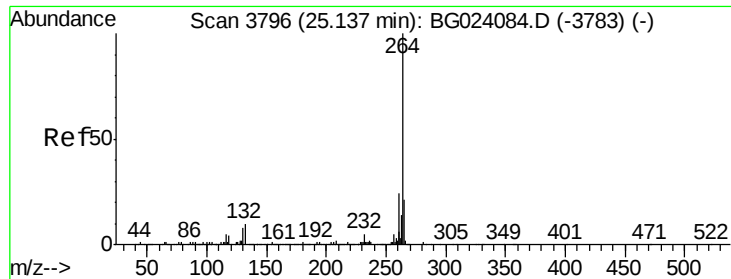


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E

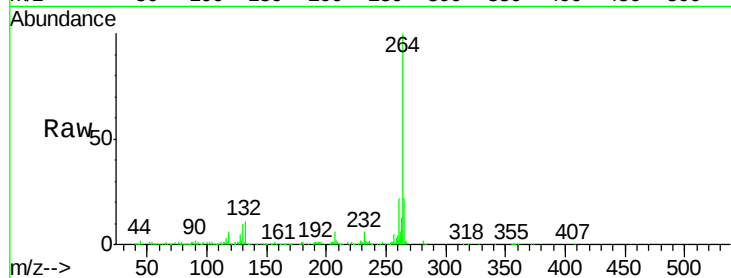




#86
Perylene-d12
Concen: 20.00 ng
RT: 25.11 min Scan# 3791
Delta R.T. -0.03 min
Lab File: BG024162.D
Acq: 30 Sep 2016 16:49

Instrument :
BNA_G
ClientSampleId :
SUP-B046-3-6

Tgt Ion	Ratio	Lower	Upper
264	100		
260	22.0	18.4	27.6
265	21.6	18.9	28.3



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

