

Data Path : Z:\HPCHEM1\BNA_G\DATA\BG083116\
 Data File : BG023932.D
 Acq On : 31 Aug 2016 19:57
 Operator : UM/SJ
 Sample : SSTDICV040
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG083116

Quant Time: Sep 01 03:30:30 2016
 Quant Method : Z:\HPCHEM1\BNA_G\METHODS\8270-BG083116.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Aug 31 20:05:47 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.09	152	32919	20.00	ng	0.00
21) Naphthalene-d8	10.92	136	162056	20.00	ng	0.00
38) Acenaphthene-d10	14.76	164	122767	20.00	ng	0.00
63) Phenanthrene-d10	17.52	188	330245	20.00	ng	0.00
75) Chrysene-d12	21.84	240	356258	20.00	ng	0.00
86) Perylene-d12	25.21	264	338339	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	153528	81.88	ng	0.00
7) Phenol-d6	7.26	99	233985	81.07	ng	0.00
23) Nitrobenzene-d5	9.27	82	290284	79.97	ng	0.00
41) 2,4,6-Tribromophenol	16.26	330	178531	80.72	ng	0.00
44) 2-Fluorobiphenyl	13.37	172	688313	80.38	ng	0.00
78) Terphenyl-d14	20.13	244	1254530	80.20	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	28427	36.76	ng	95
3) Pyridine	3.92	79	93888	40.40	ng	93
4) n-Nitrosodimethylamine	3.82	42	51112	41.72	ng	# 68
6) Aniline	7.41	93	158701	41.42	ng	96
8) 2-Chlorophenol	7.65	128	91366	42.06	ng	97
9) Benzaldehyde	7.22	77	83222	40.58	ng	94
10) Phenol	7.29	94	117820	38.80	ng	94
11) bis(2-Chloroethyl)ether	7.50	93	91495	38.30	ng	87
12) 1,3-Dichlorobenzene	7.97	146	101743	40.02	ng	98
13) 1,4-Dichlorobenzene	8.12	146	108729	40.37	ng	91
14) 1,2-Dichlorobenzene	8.44	146	99112	39.21	ng	95
15) Benzyl Alcohol	8.34	79	111800	43.93	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.61	45	121854	38.05	ng	95
17) 2-Methylphenol	8.55	107	81090	39.64	ng	97
18) Hexachloroethane	9.17	117	41693	40.20	ng	99
19) n-Nitroso-di-n-propylamine	8.90	70	101608	39.85	ng	# 92
20) 3+4-Methylphenols	8.89	107	115128	40.38	ng	99
22) Acetophenone	8.93	105	164087	39.11	ng	# 96
24) Nitrobenzene	9.31	77	157252	40.29	ng	94
25) Isophorone	9.84	82	274197	38.95	ng	98
26) 2-Nitrophenol	10.03	139	59500	40.10	ng	92
27) 2,4-Dimethylphenol	10.10	122	102396	40.60	ng	86
28) bis(2-Chloroethoxy)methane	10.32	93	133436	37.54	ng	96
29) 2,4-Dichlorophenol	10.58	162	109583	41.01	ng	97
30) 1,2,4-Trichlorobenzene	10.78	180	112449	38.37	ng	99
31) Naphthalene	10.97	128	328464	39.34	ng	96
32) Benzoic acid	10.27	122	77267	37.73	ng	92
33) 4-Chloroaniline	11.09	127	138489	39.72	ng	98
34) Hexachlorobutadiene	11.24	225	91642	41.63	ng	97
35) Caprolactam	11.91	113	35788	38.00	ng	97
36) 4-Chloro-3-methylphenol	12.23	107	146590	41.06	ng	97
37) 2-Methylnaphthalene	12.58	142	251631	39.61	ng	98
39) 1,2,4,5-Tetrachlorobenzene	12.95	216	167552	41.12	ng	100
40) Hexachlorocyclopentadiene	12.91	237	83673	38.14	ng	96

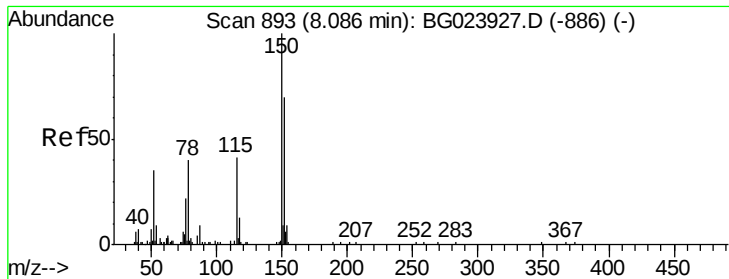
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.20	196	108000	39.72	ng	90
43) 2,4,5-Trichlorophenol	13.29	196	111907	40.71	ng	94
45) 1,1'-Biphenyl	13.58	154	388342	39.33	ng	97
46) 2-Chloronaphthalene	13.63	162	290016	40.01	ng	97
47) 2-Nitroaniline	13.85	65	122920	43.05	ng	99
48) Acenaphthylene	14.48	152	483274	39.99	ng	98
49) Dimethylphthalate	14.21	163	418534	39.76	ng	98
50) 2,6-Dinitrotoluene	14.34	165	89492	40.27	ng	98
51) Acenaphthene	14.82	154	296746	39.72	ng	95
52) 3-Nitroaniline	14.68	138	88059	42.36	ng	# 89
53) 2,4-Dinitrophenol	14.90	184	58921	39.83	ng	94
54) Dibenzofuran	15.16	168	463130	39.72	ng	# 97
55) 4-Nitrophenol	15.02	139	65817	39.80	ng	88
56) 2,4-Dinitrotoluene	15.14	165	134566	41.20	ng	# 87
57) Fluorene	15.81	166	409446	40.49	ng	93
58) 2,3,4,6-Tetrachlorophenol	15.39	232	119183	42.71	ng	99
59) Diethylphthalate	15.57	149	446791	39.76	ng	97
60) 4-Chlorophenyl-phenylether	15.79	204	216453	39.77	ng	95
61) 4-Nitroaniline	15.86	138	85478	40.68	ng	94
62) Azobenzene	16.09	77	430675	39.57	ng	96
64) 4,6-Dinitro-2-methylphenol	15.90	198	92451	40.32	ng	89
65) n-Nitrosodiphenylamine	16.02	169	377402	40.23	ng	98
66) 4-Bromophenyl-phenylether	16.70	248	165833	41.27	ng	96
67) Hexachlorobenzene	16.82	284	189442	40.20	ng	97
68) Atrazine	16.97	200	164868	40.85	ng	100
69) Pentachlorophenol	17.18	266	101086	40.39	ng	99
70) Phenanthrene	17.56	178	681285	39.66	ng	100
71) Anthracene	17.66	178	684117	39.04	ng	97
72) Carbazole	17.94	167	636590	40.03	ng	96
73) Di-n-butylphthalate	18.47	149	756939	39.90	ng	96
74) Fluoranthene	19.58	202	837998	40.51	ng	94
76) Benzidine	19.76	184	461723	41.85	ng	98
77) Pyrene	19.94	202	846409	38.63	ng	94
79) Butylbenzylphthalate	20.82	149	326111	38.61	ng	93
80) Benzo(a)anthracene	21.81	228	776603	38.94	ng	93
81) 3,3'-Dichlorobenzidine	21.73	252	321545	40.34	ng	# 98
82) Chrysene	21.89	228	748063	39.41	ng	96
83) Bis(2-ethylhexyl)phthalate	21.69	149	429997	37.18	ng	97
84) Di-n-octyl phthalate	22.95	149	736251	38.82	ng	98
85) Indeno(1,2,3-cd)pyrene	29.09	276	822676	39.14	ng	# 100
87) Benzo(b)fluoranthene	24.14	252	775314	40.34	ng	99
88) Benzo(k)fluoranthene	24.20	252	758393	39.79	ng	98
89) Benzo(a)pyrene	25.05	252	726089	39.78	ng	96
90) Dibenzo(a,h)anthracene	29.14	278	712070	39.67	ng	97
91) Benzo(g,h,i)perylene	30.30	276	686515	39.77	ng	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.00 ng

RT: 8.09 min Scan# 893

Delta R.T. 0.00 min

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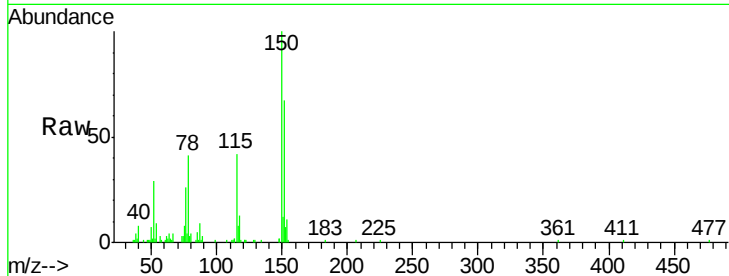
Tgt Ion:152 Resp: 32919

Ion Ratio Lower Upper

152 100

150 150.1 144.7 217.1

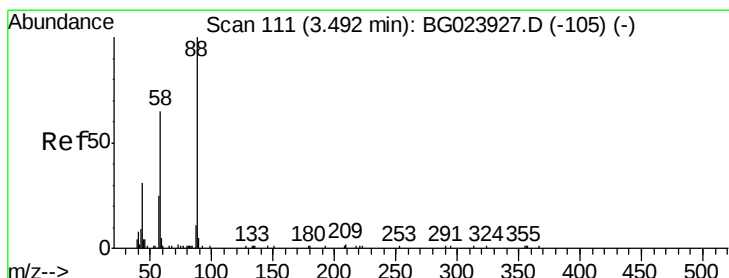
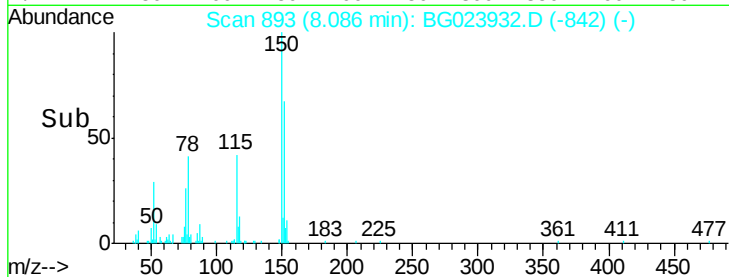
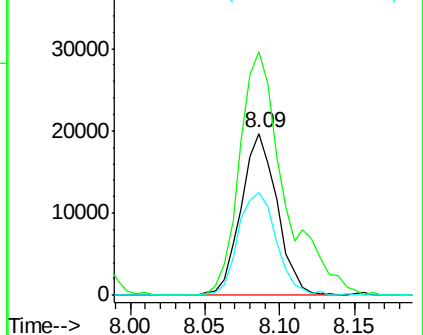
115 63.1 64.0 96.0#



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



#2

1,4-Dioxane

Concen: 36.76 ng

RT: 3.49 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

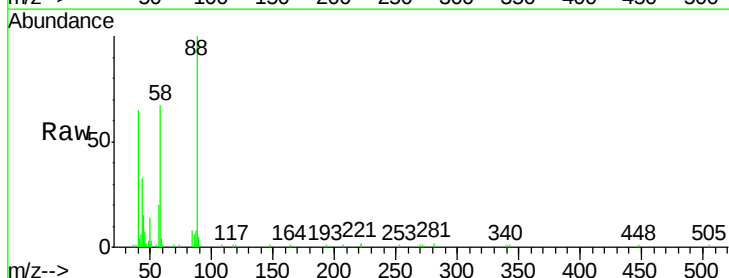
Tgt Ion: 88 Resp: 28427

Ion Ratio Lower Upper

88 100

58 79.3 60.4 90.6

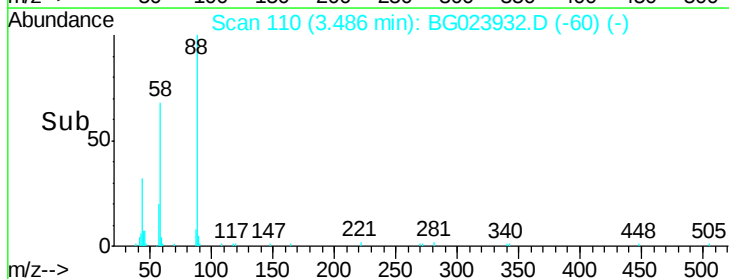
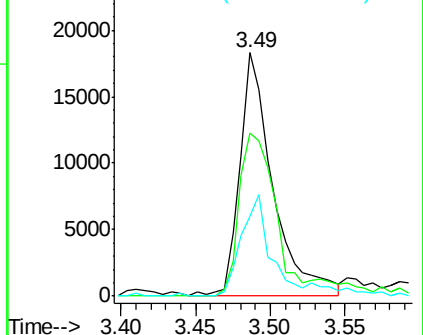
43 35.7 31.1 46.7

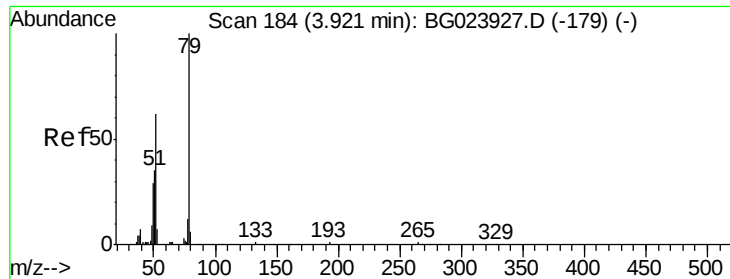


Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pyridine

Concen: 40.40 ng

RT: 3.92 min Scan# 183

Delta R.T. -0.00 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

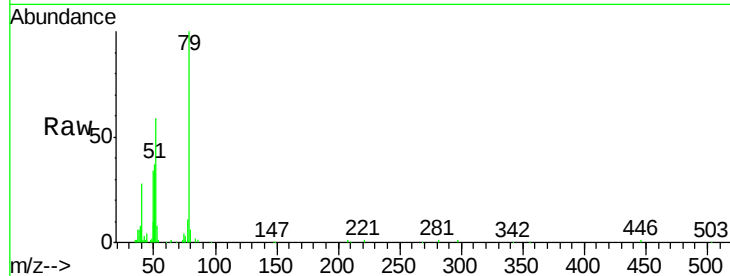
Tgt Ion: 79 Resp: 93888

Ion Ratio Lower Upper

79 100

52 58.6 51.8 77.8

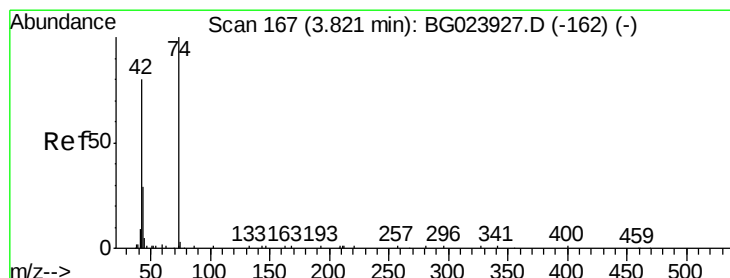
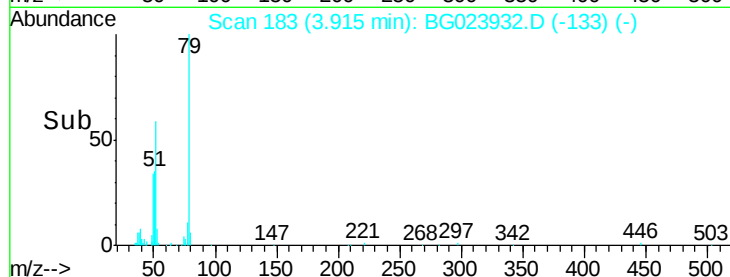
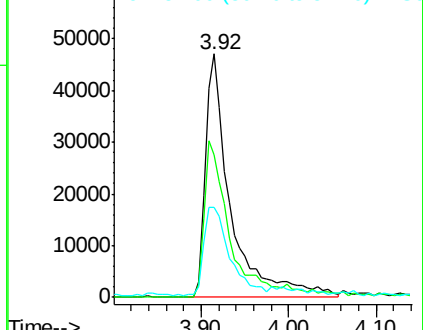
51 36.7 32.7 49.1



Abundance Ion 79.00 (78.70 to 79.70): BGC

Ion 52.00 (51.70 to 52.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 41.72 ng

RT: 3.82 min Scan# 166

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

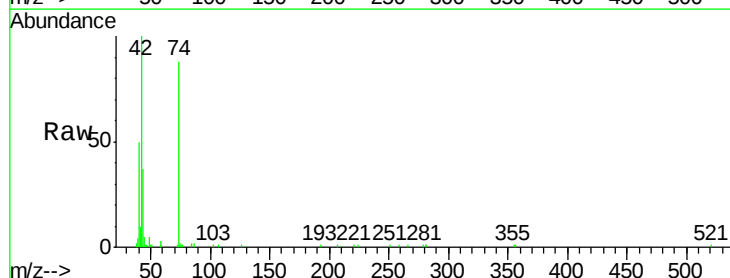
Tgt Ion: 42 Resp: 51112

Ion Ratio Lower Upper

42 100

74 88.2 100.6 150.8#

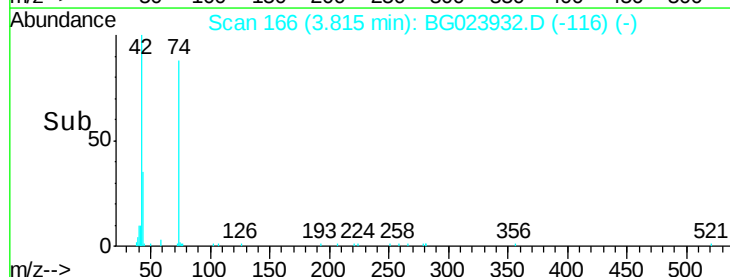
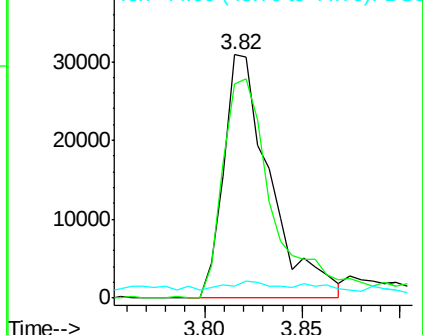
44 5.0 4.5 6.7

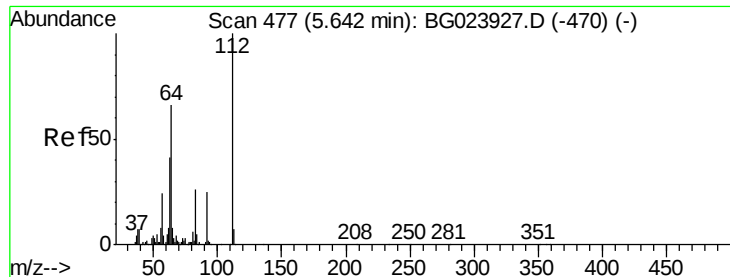


Abundance Ion 42.00 (41.70 to 42.70): BGC

Ion 74.00 (73.70 to 74.70): BGC

Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 81.88 ng

RT: 5.64 min Scan# 476

Delta R.T. -0.00 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

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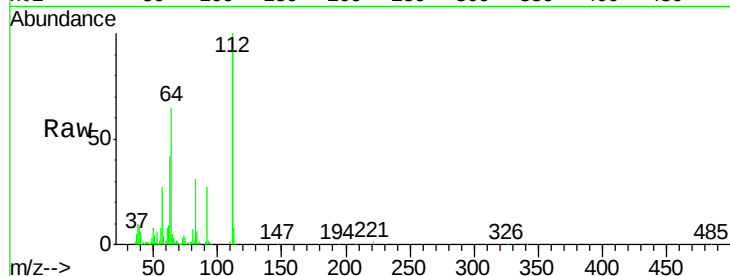
Tgt Ion: 112 Resp: 153528

Ion Ratio Lower Upper

112 100

64 65.2 59.0 88.4

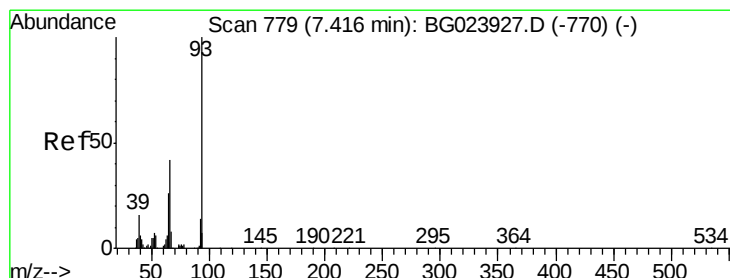
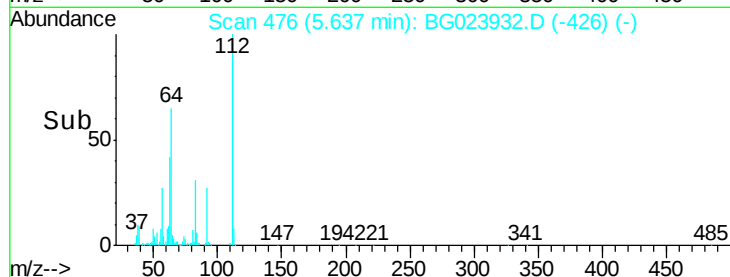
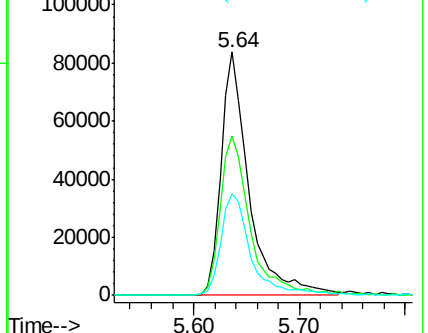
63 41.7 37.8 56.8



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 41.42 ng

RT: 7.41 min Scan# 778

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

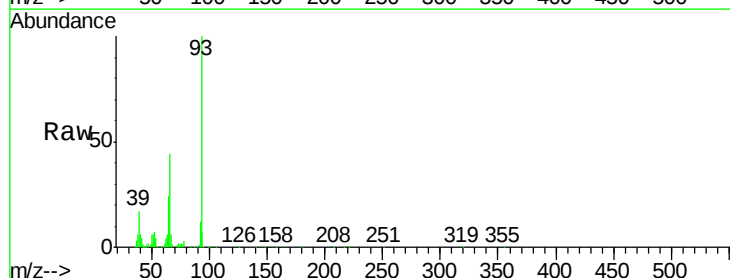
Tgt Ion: 93 Resp: 158701

Ion Ratio Lower Upper

93 100

66 44.0 37.5 56.3

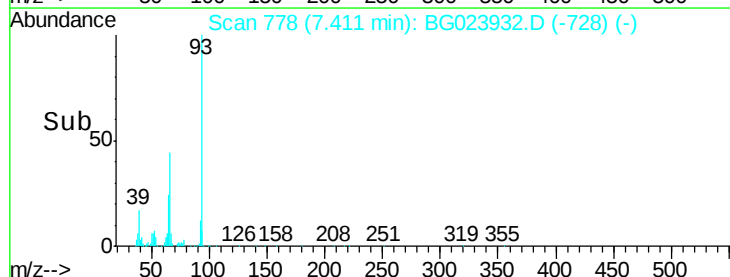
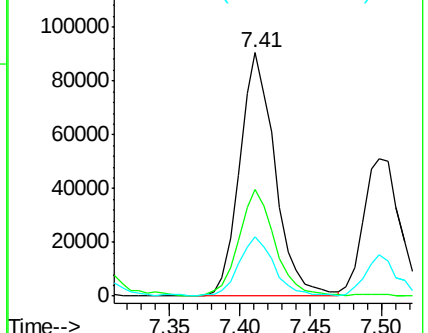
65 24.1 17.9 26.9

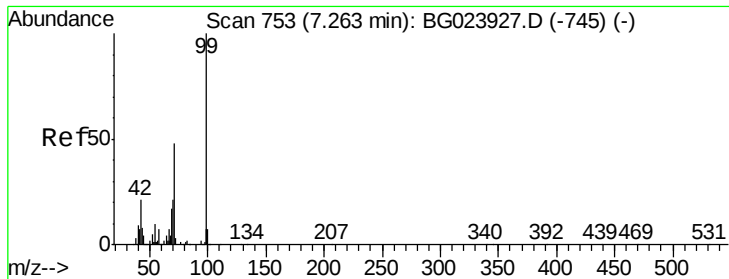


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 81.07 ng

RT: 7.26 min Scan# 752

Delta R.T. -0.01 min

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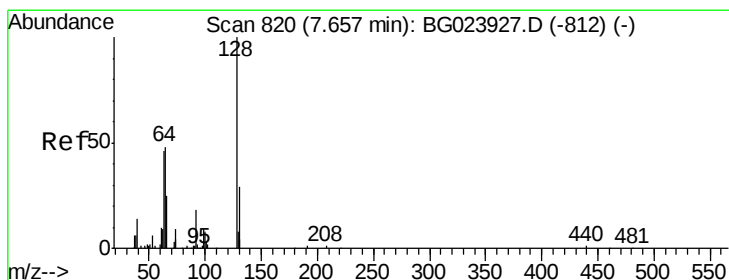
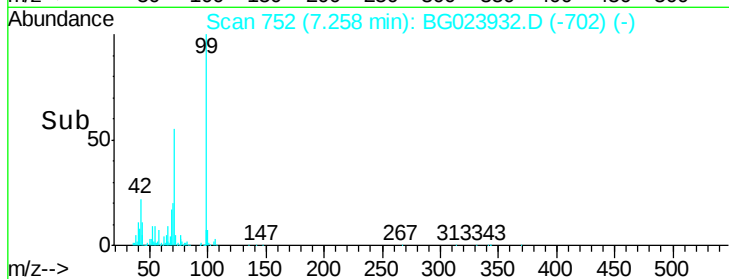
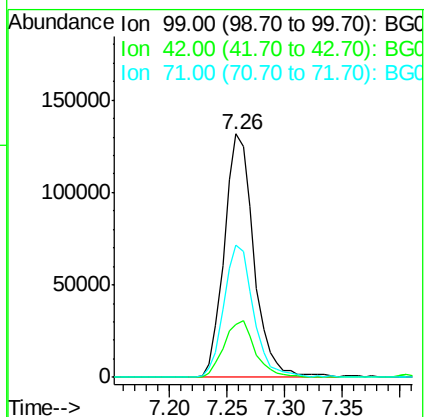
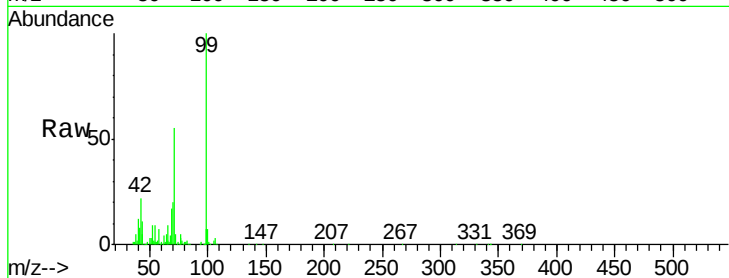
Tgt Ion: 99 Resp: 233985

Ion Ratio Lower Upper

99 100

42 21.7 17.8 26.6

71 54.6 41.5 62.3



#8

2-Chlorophenol

Concen: 42.06 ng

RT: 7.65 min Scan# 819

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

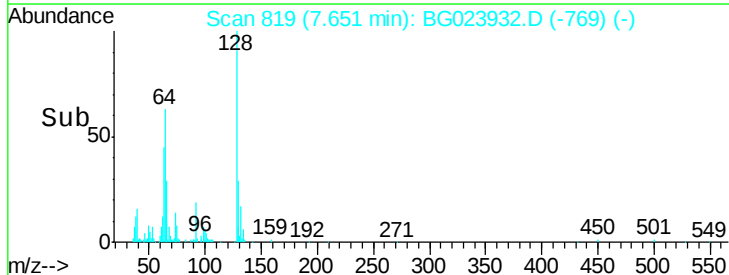
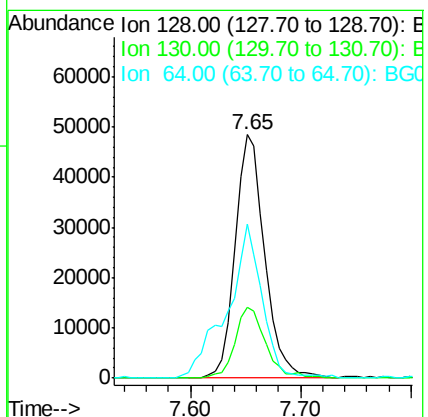
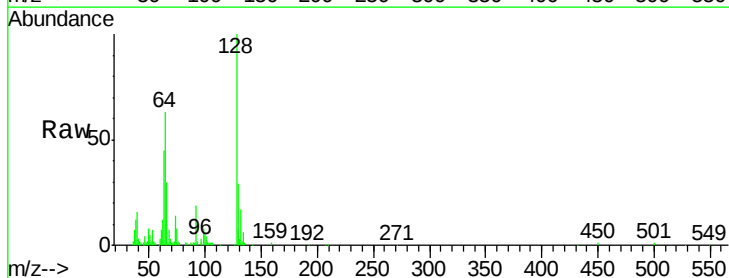
Tgt Ion: 128 Resp: 91366

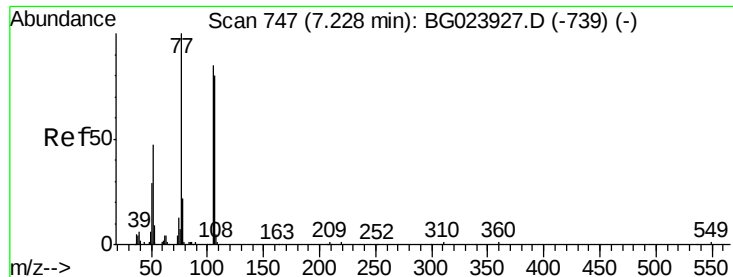
Ion Ratio Lower Upper

128 100

130 29.2 12.9 52.9

64 63.2 42.0 82.0





#9

Benzaldehyde

Concen: 40.58 ng

RT: 7.22 min Scan# 746

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

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ClientSampleId :

ICVBG083116

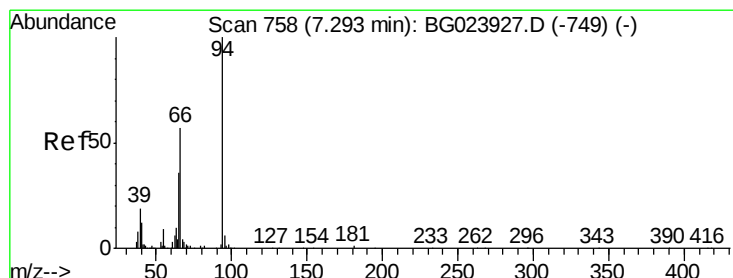
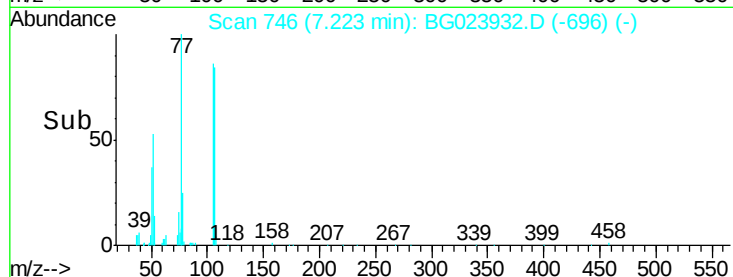
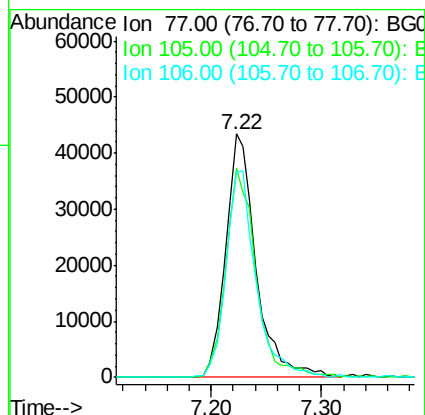
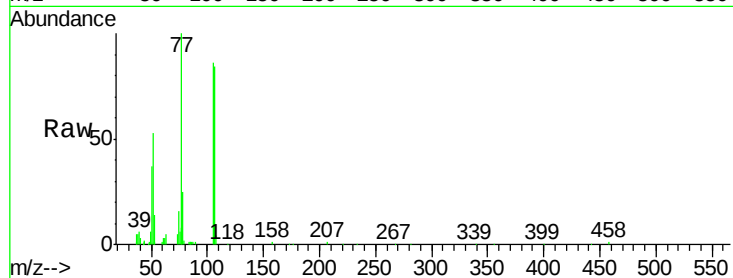
Tgt Ion: 77 Resp: 83222

Ion Ratio Lower Upper

77 100

105 85.6 58.7 98.7

106 84.4 67.5 107.5



#10

Phenol

Concen: 38.80 ng

RT: 7.29 min Scan# 757

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

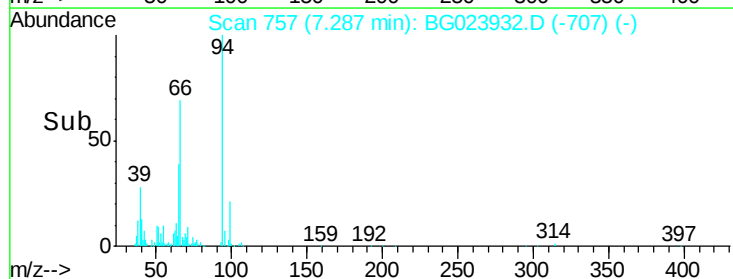
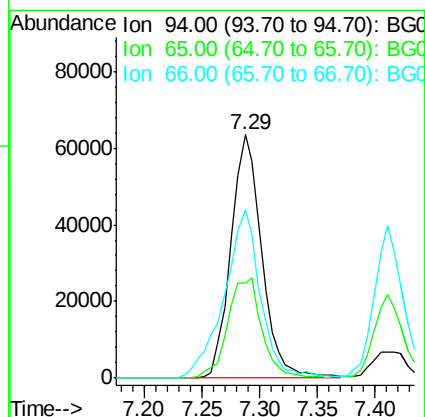
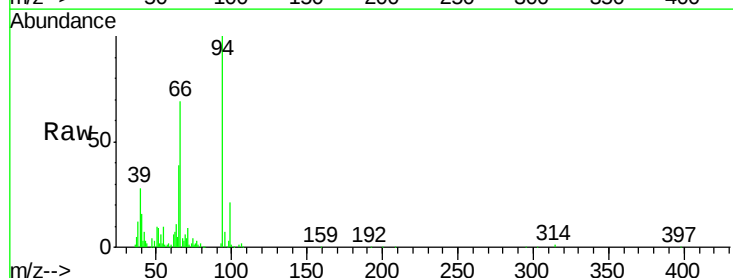
Tgt Ion: 94 Resp: 117820

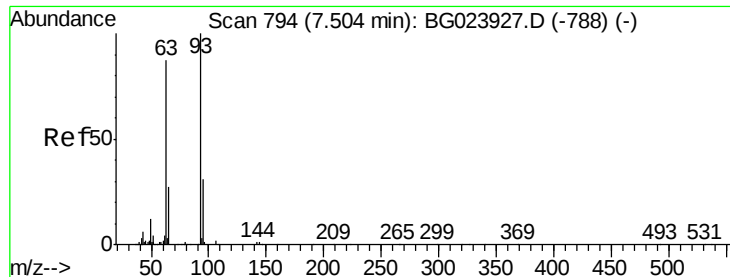
Ion Ratio Lower Upper

94 100

65 39.1 18.1 58.1

66 69.1 42.1 82.1

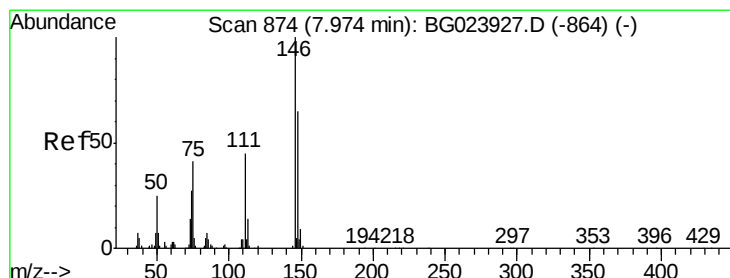
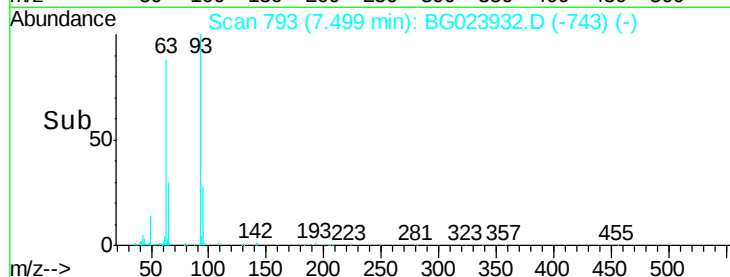
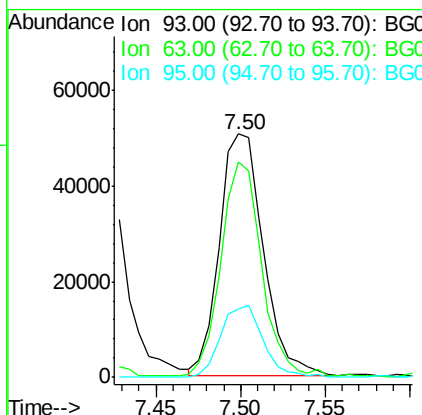
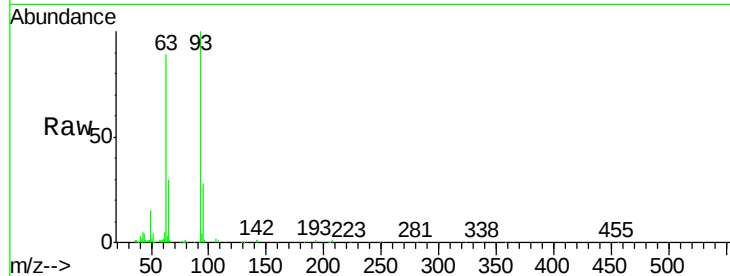




#11
 bis(2-Chloroethyl)ether
 Concen: 38.30 ng
 RT: 7.50 min Scan# 793
 Delta R.T. -0.01 min
 Lab File: BG023932.D
 Acq: 31 Aug 2016 19:57

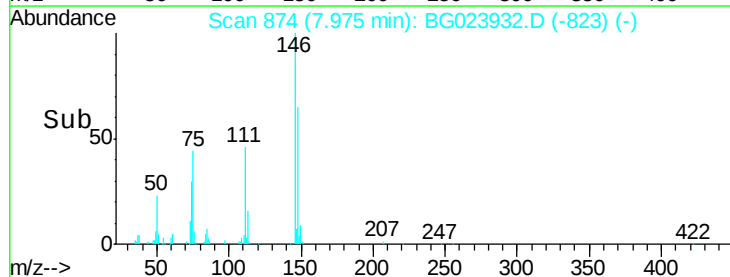
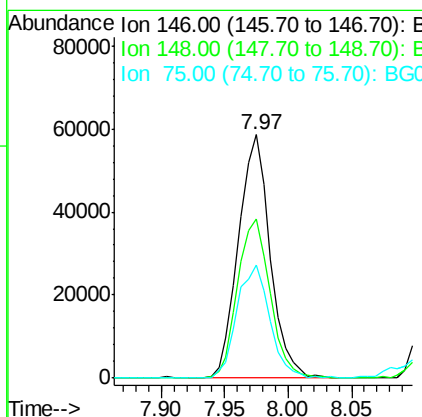
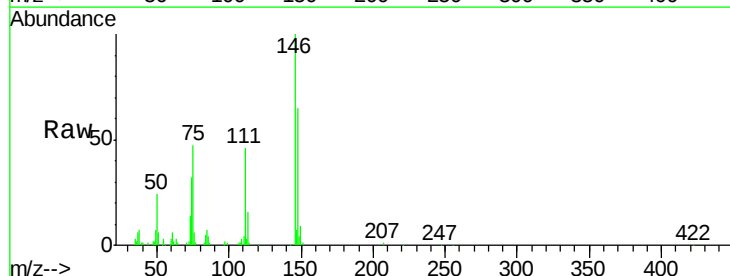
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG083116

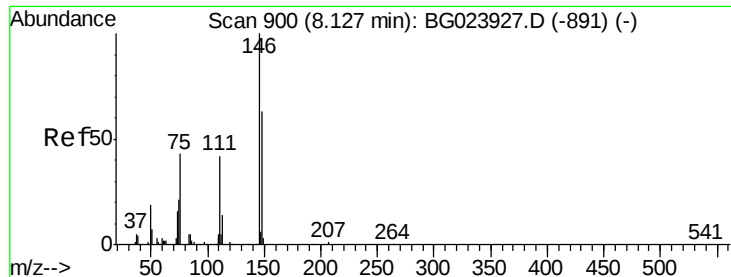
Tgt Ion	Ratio	Lower	Upper
93	100		
63	88.7	55.0	95.0
95	27.8	11.0	51.0



#12
 1,3-Dichlorobenzene
 Concen: 40.02 ng
 RT: 7.97 min Scan# 874
 Delta R.T. 0.00 min
 Lab File: BG023932.D
 Acq: 31 Aug 2016 19:57

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.3	50.3	75.5
75	46.7	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 40.37 ng

RT: 8.12 min Scan# 899

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

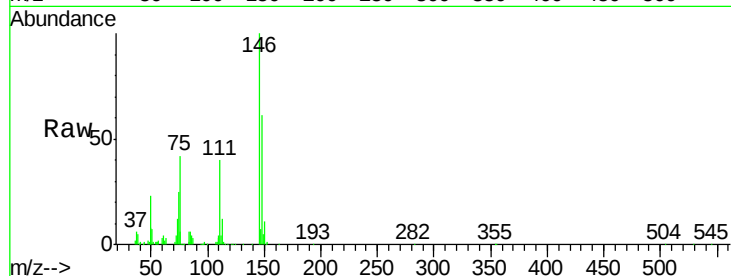
Tgt Ion:146 Resp: 108729

Ion Ratio Lower Upper

146 100

148 61.1 54.5 81.7

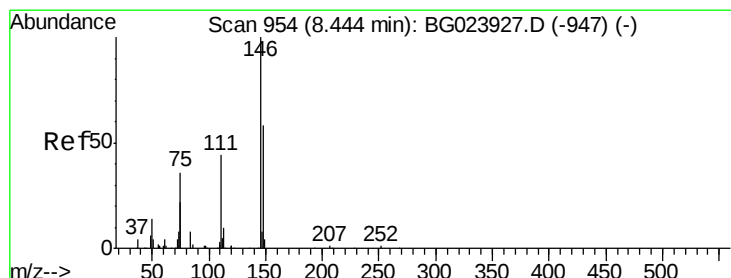
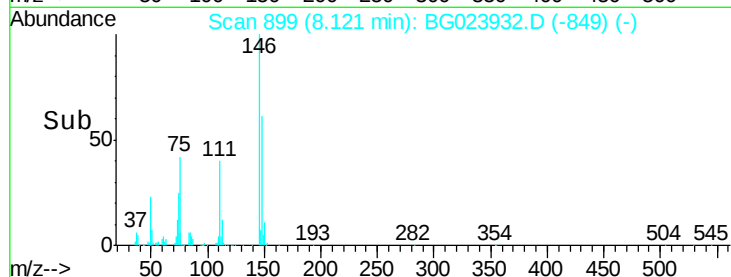
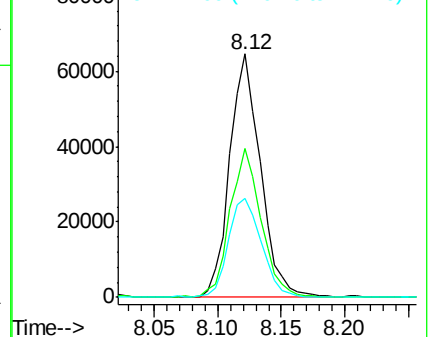
111 40.4 37.8 56.8



Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 39.21 ng

RT: 8.44 min Scan# 954

Delta R.T. 0.00 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

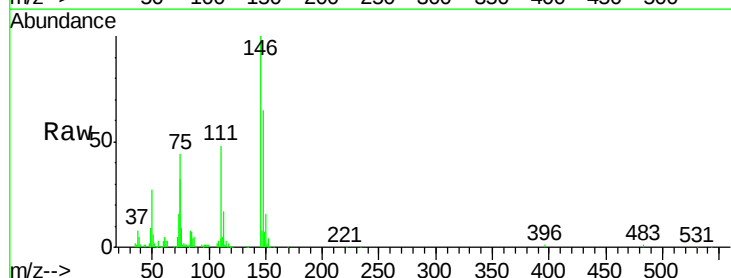
Tgt Ion:146 Resp: 99112

Ion Ratio Lower Upper

146 100

148 64.6 52.9 79.3

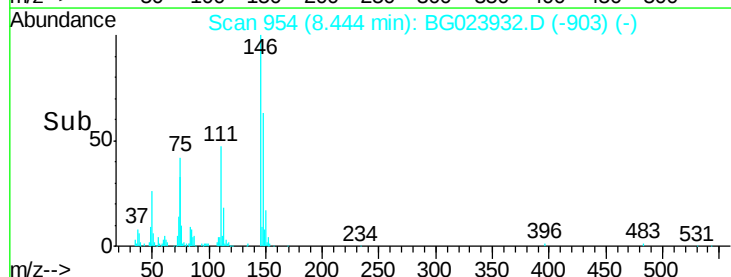
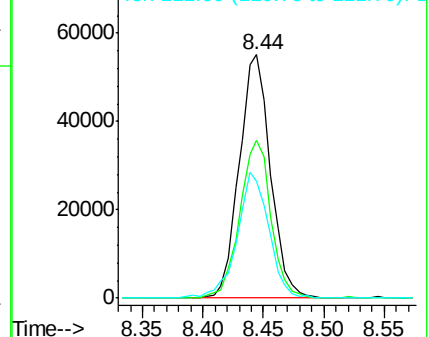
111 47.9 43.5 65.3

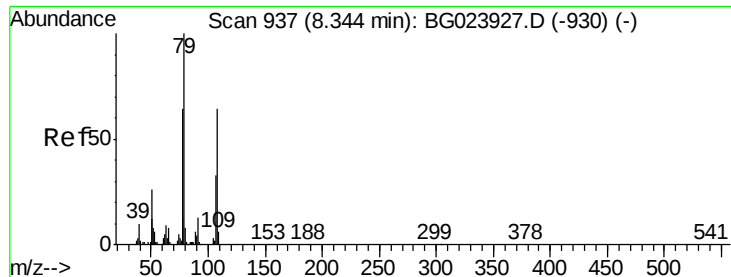


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 43.93 ng

RT: 8.34 min Scan# 936

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

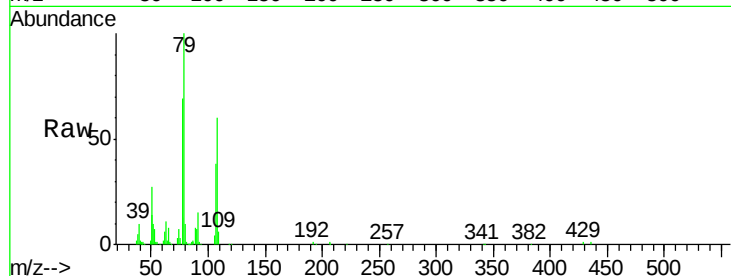
Tgt Ion: 79 Resp: 111800

Ion Ratio Lower Upper

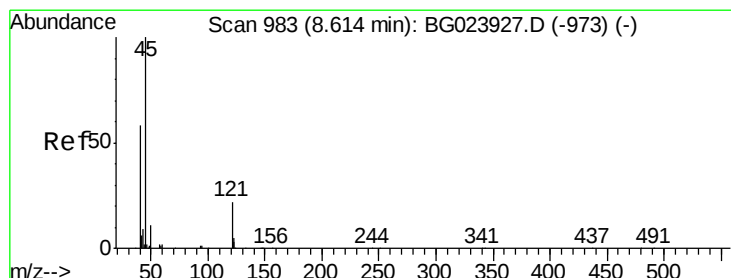
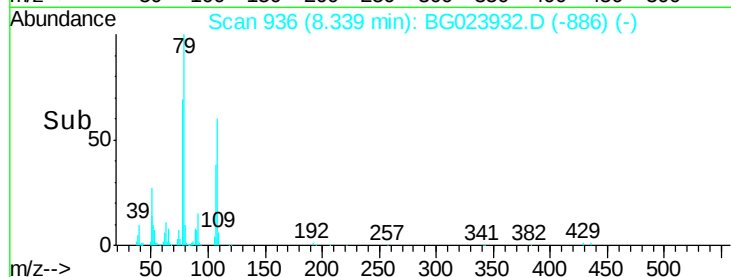
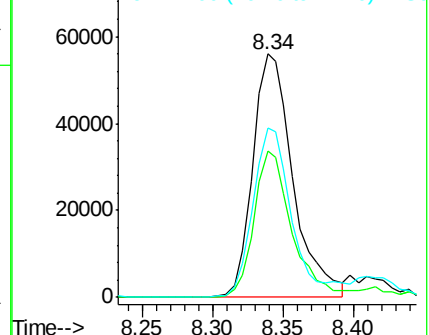
79 100

108 60.2 46.5 69.7

77 69.4 52.3 78.5



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



#16

2,2'-oxybis(1-Chloropropane)

Concen: 38.05 ng

RT: 8.61 min Scan# 983

Delta R.T. 0.00 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

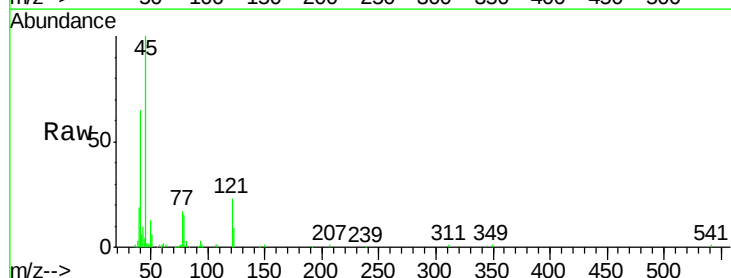
Tgt Ion: 45 Resp: 121854

Ion Ratio Lower Upper

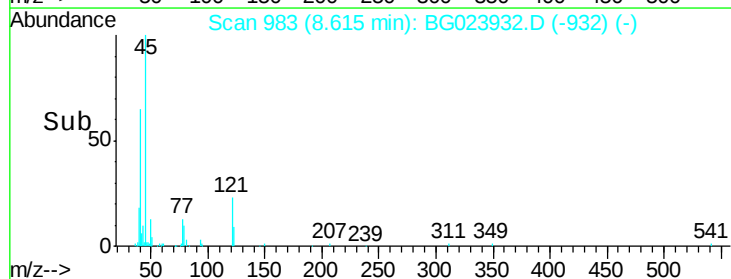
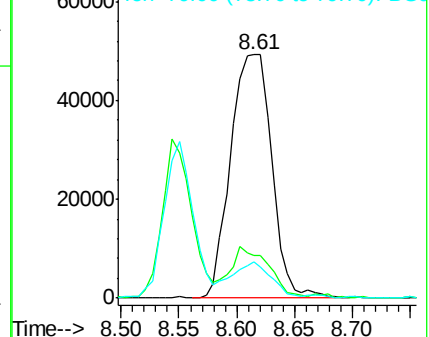
45 100

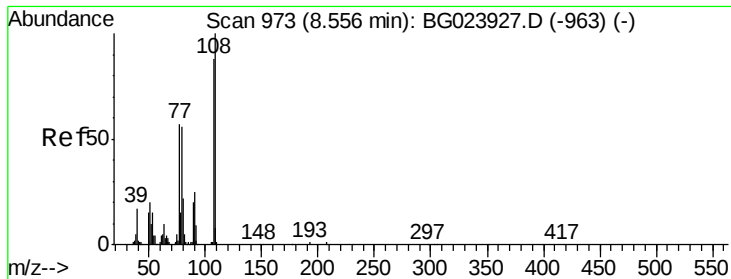
77 17.3 0.6 40.6

79 15.1 0.0 36.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 39.64 ng

RT: 8.55 min Scan# 972

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

Tgt Ion:107 Resp: 81090

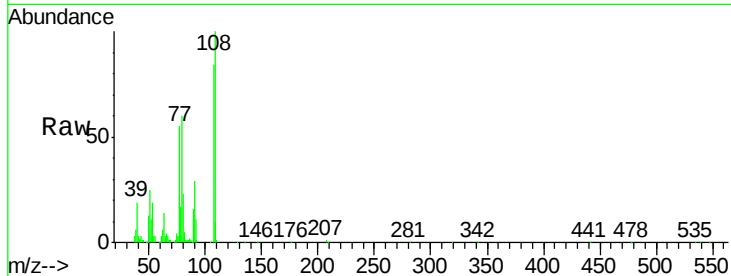
Ion Ratio Lower Upper

107 100

108 118.4 92.0 138.0

77 65.6 55.8 83.6

79 70.7 55.0 82.6

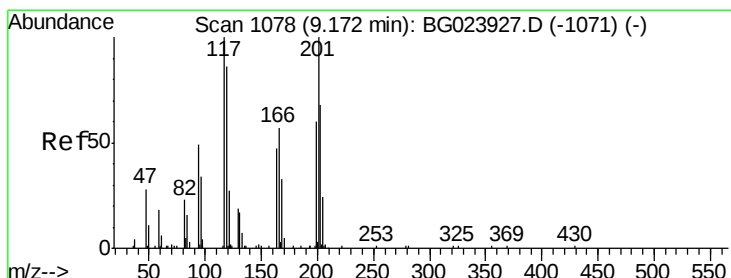
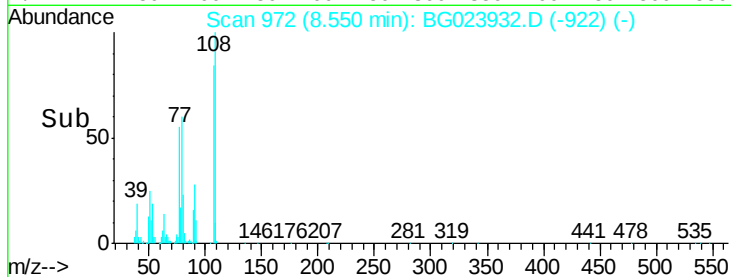
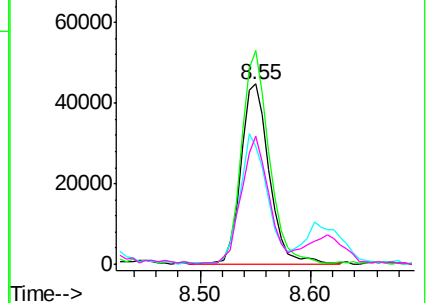


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 40.20 ng

RT: 9.17 min Scan# 1078

Delta R.T. 0.00 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

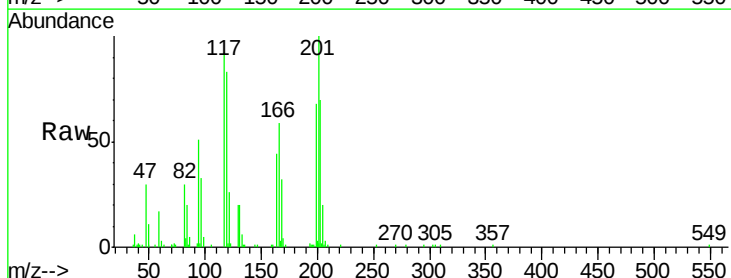
Tgt Ion:117 Resp: 41693

Ion Ratio Lower Upper

117 100

119 90.3 73.7 110.5

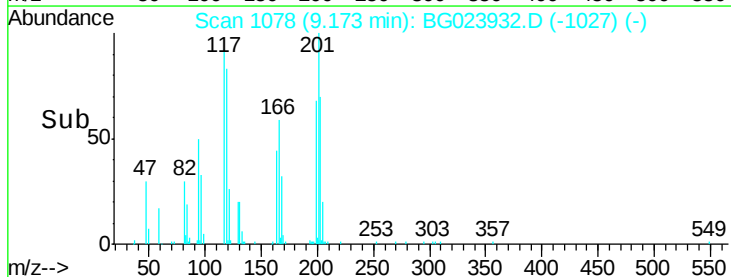
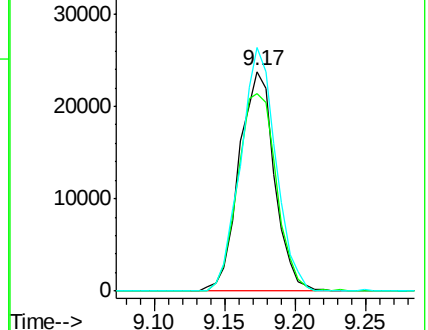
201 111.0 88.7 133.1

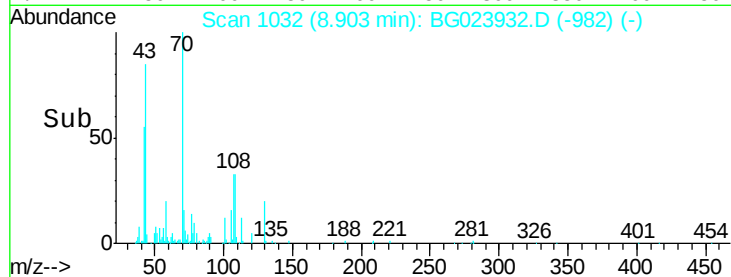
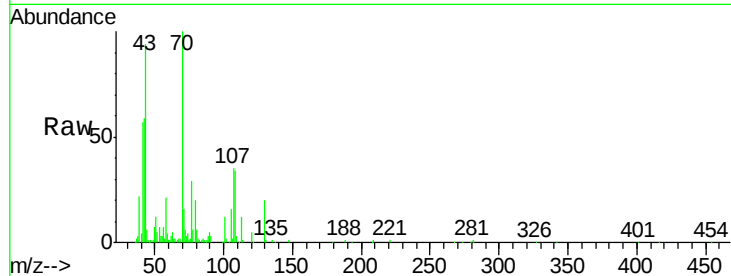
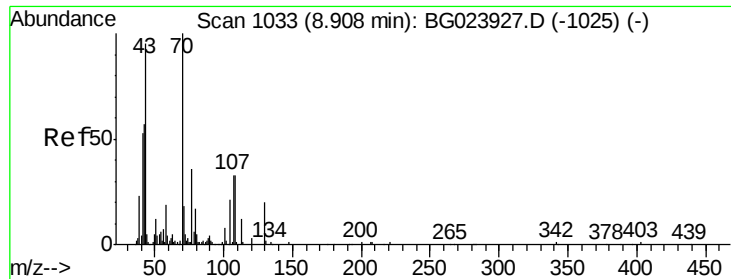


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

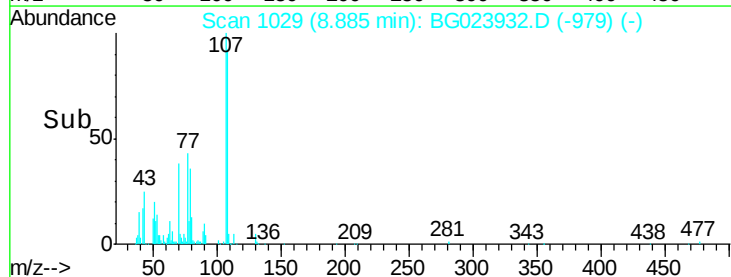
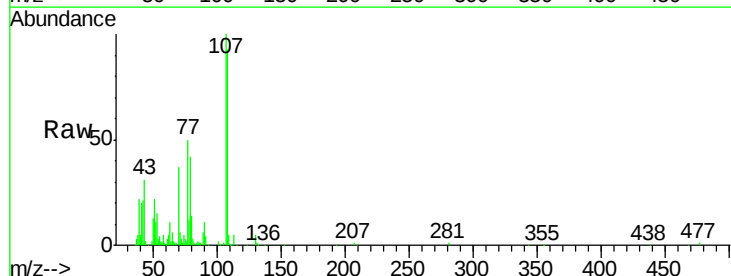
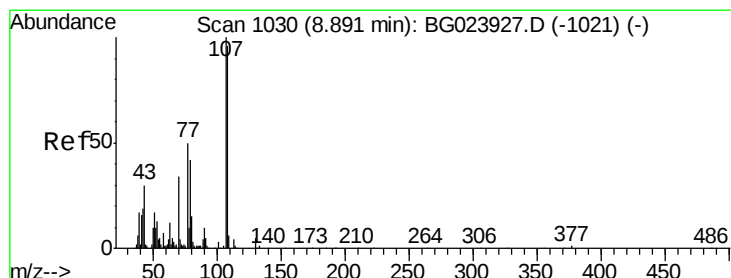
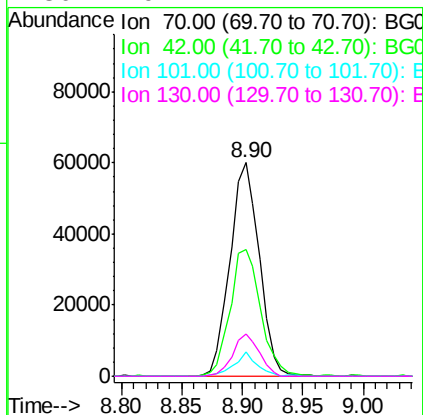




#19
n-Nitroso-di-n-propylamine
Concen: 39.85 ng
RT: 8.90 min Scan# 1032
Delta R.T. -0.01 min
Lab File: BG023932.D
Acq: 31 Aug 2016 19:57

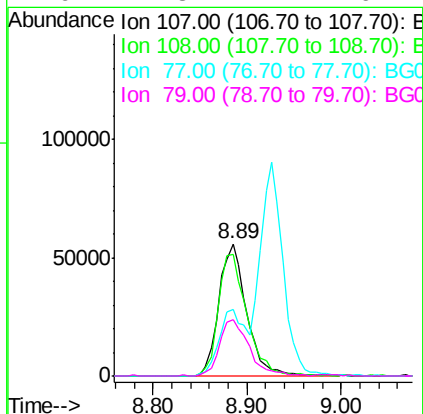
Instrument :
BNA_G
ClientSampleId :
ICVBG083116

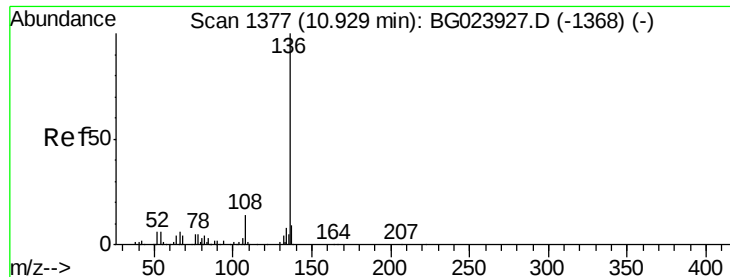
Tgt Ion:	70	Resp:	101608
Ion	Ratio	Lower	Upper
70	100		
42	59.4	42.1	63.1
101	11.5	7.2	10.8#
130	19.7	14.2	21.2



#20
3+4-Methylphenols
Concen: 40.38 ng
RT: 8.89 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG023932.D
Acq: 31 Aug 2016 19:57

Tgt Ion:	107	Resp:	115128
Ion	Ratio	Lower	Upper
107	100		
108	92.6	72.5	112.5
77	50.2	30.1	70.1
79	42.3	24.2	64.2

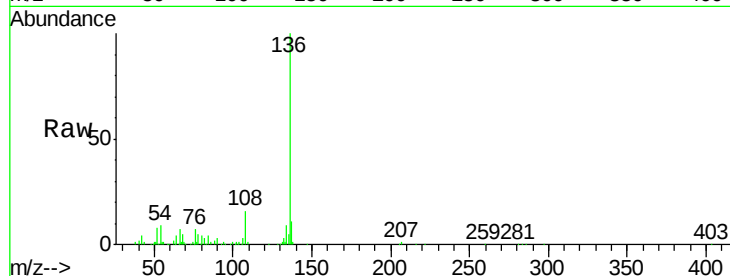




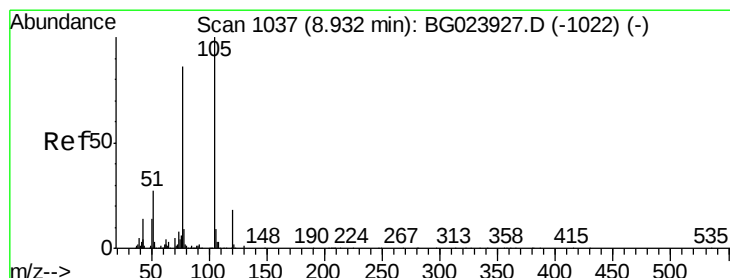
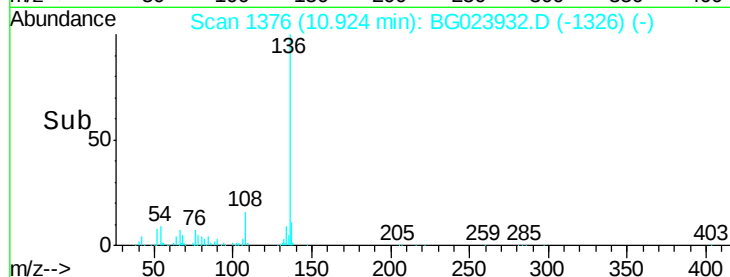
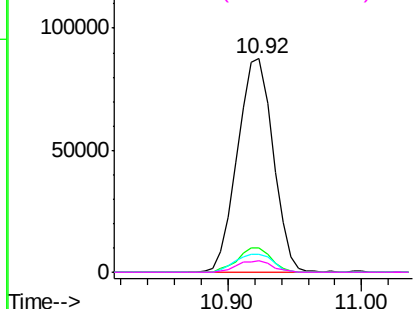
#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.92 min Scan# 1376
Delta R.T. -0.01 min
Lab File: BG023932.D
Acq: 31 Aug 2016 19:57

Instrument :
BNA_G
ClientSampleId :
ICVBG083116

Tgt Ion:	136	Resp:	162056
Ion	Ratio	Lower	Upper
136	100		
137	11.2	9.6	14.4
54	8.6	7.3	10.9
68	5.4	5.3	7.9

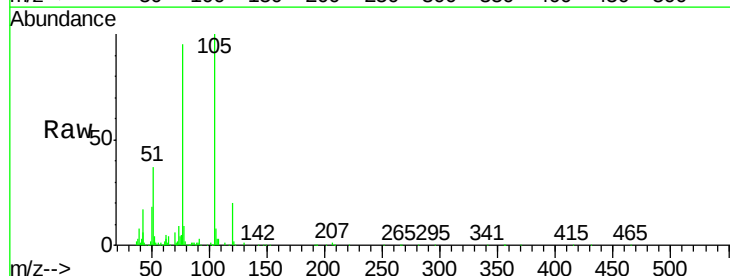


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

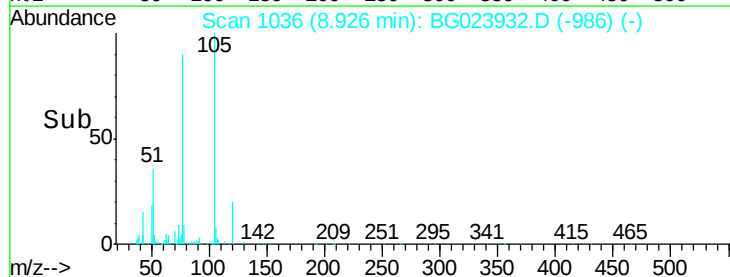
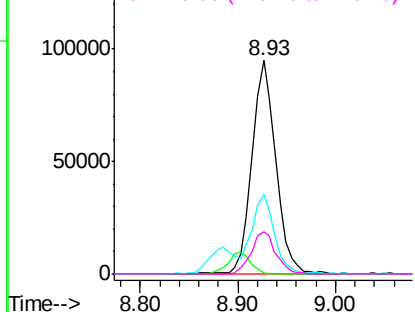


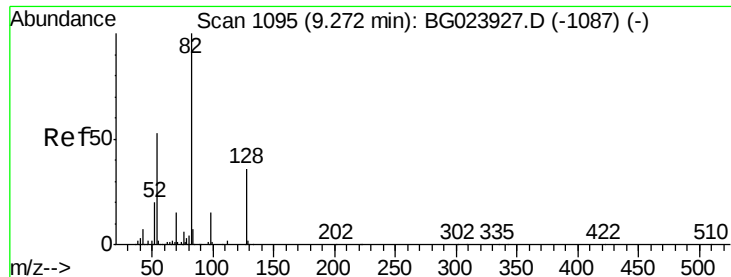
#22
Acetophenone
Concen: 39.11 ng
RT: 8.93 min Scan# 1036
Delta R.T. -0.01 min
Lab File: BG023932.D
Acq: 31 Aug 2016 19:57

Tgt Ion:	105	Resp:	164087
Ion	Ratio	Lower	Upper
105	100		
71	0.7	2.6	3.8#
51	36.9	27.1	40.7
120	19.7	15.1	22.7



Abundance Ion 105.00 (104.70 to 105.70): E
Ion 71.00 (70.70 to 71.70): BGC
Ion 51.00 (50.70 to 51.70): BGC
Ion 120.00 (119.70 to 120.70): E

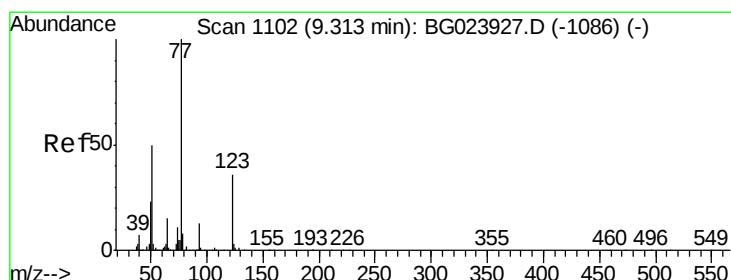
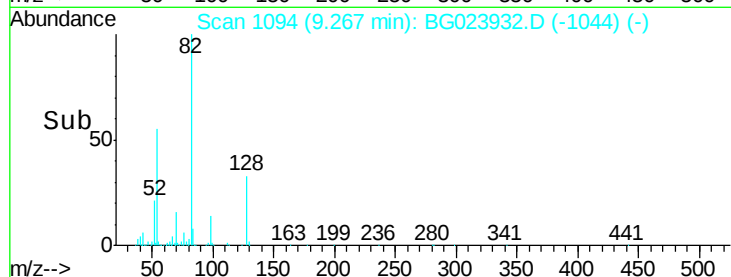
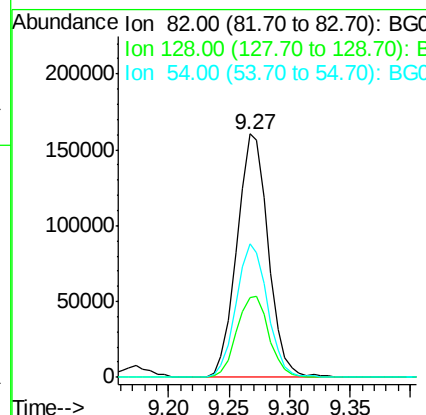
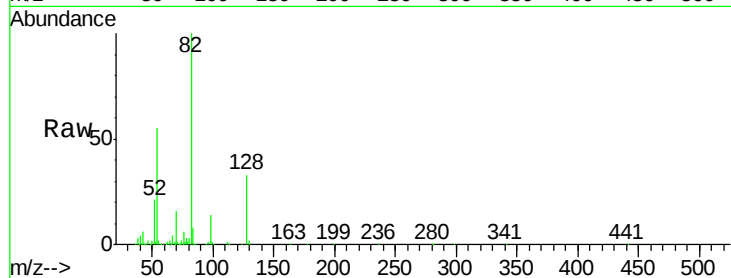




#23
 Nitrobenzene-d5
 Concen: 79.97 ng
 RT: 9.27 min Scan# 1094
 Delta R.T. -0.01 min
 Lab File: BG023932.D
 Acq: 31 Aug 2016 19:57

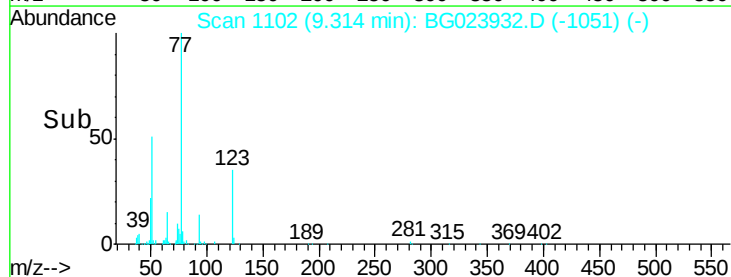
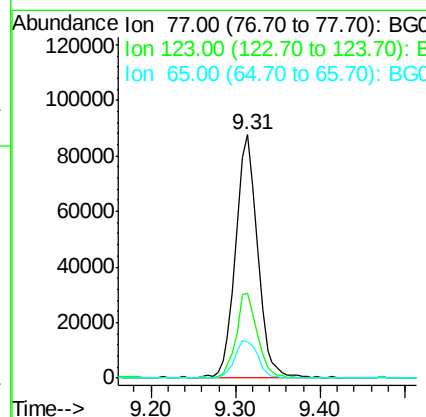
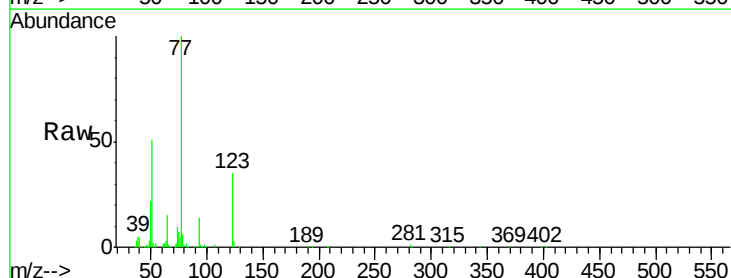
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG083116

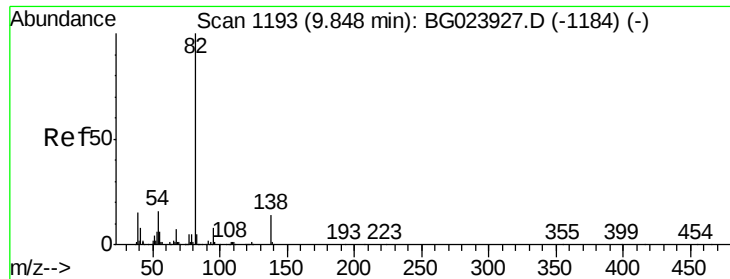
Tgt Ion	Ratio	Lower	Upper
82	100		
128	32.9	24.4	36.6
54	55.0	41.4	62.0



#24
 Nitrobenzene
 Concen: 40.29 ng
 RT: 9.31 min Scan# 1102
 Delta R.T. 0.00 min
 Lab File: BG023932.D
 Acq: 31 Aug 2016 19:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	34.9	25.0	37.6
65	15.1	13.4	20.0





#25

Isophorone

Concen: 38.95 ng

RT: 9.84 min Scan# 1192

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

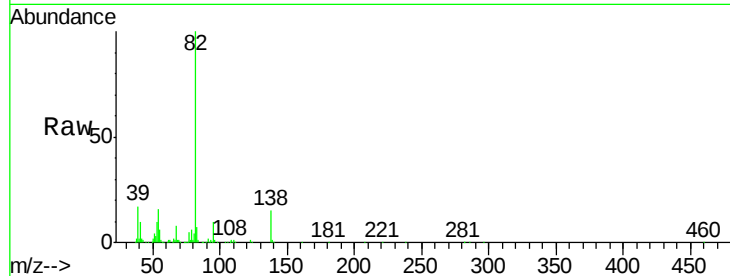
Tgt Ion: 82 Resp: 274197

Ion Ratio Lower Upper

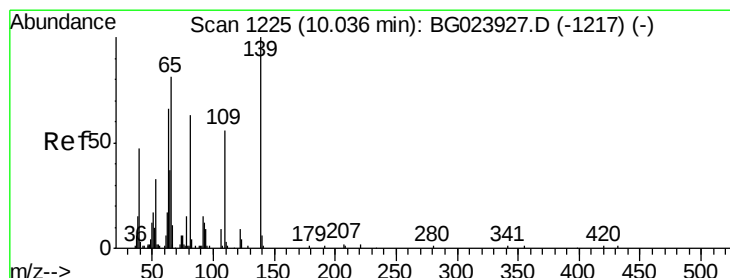
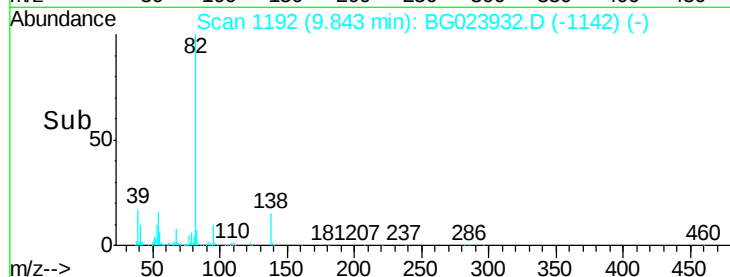
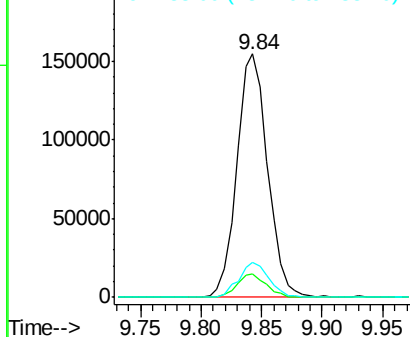
82 100

95 9.6 8.2 12.2

138 14.6 10.7 16.1



Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC



#26

2-Nitrophenol

Concen: 40.10 ng

RT: 10.03 min Scan# 1224

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

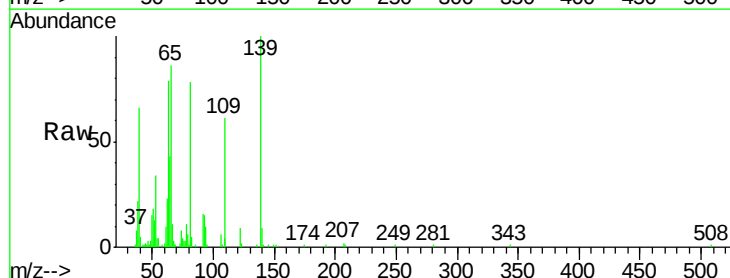
Tgt Ion: 139 Resp: 59500

Ion Ratio Lower Upper

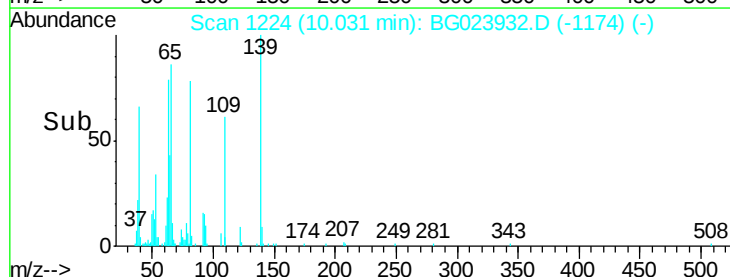
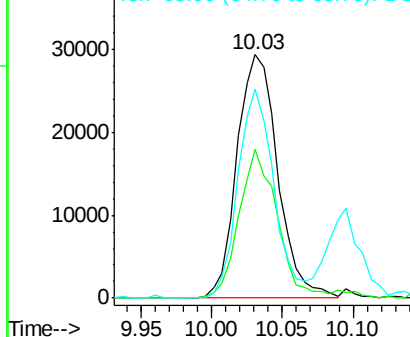
139 100

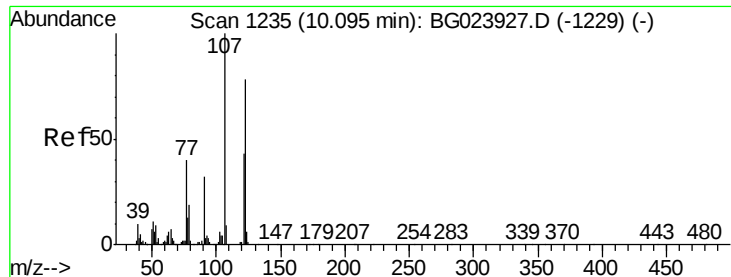
109 61.3 43.5 65.3

65 86.0 64.3 96.5



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

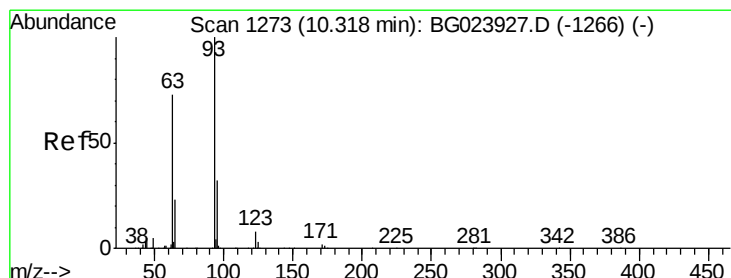
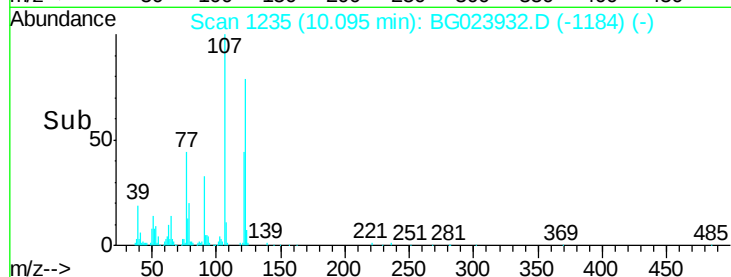
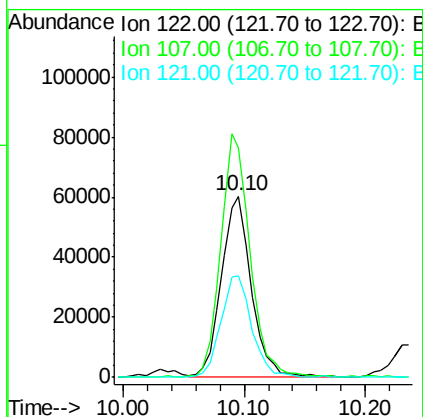
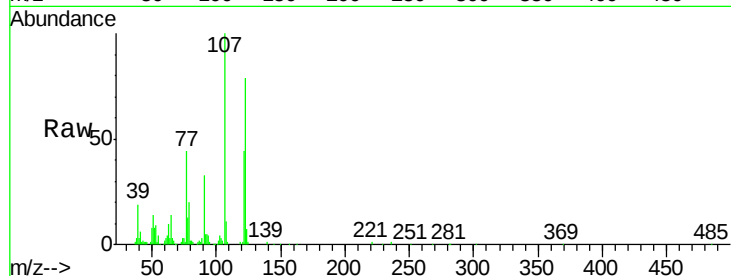




#27
2,4-Dimethylphenol
Concen: 40.60 ng
RT: 10.10 min Scan# 1235
Delta R.T. 0.00 min
Lab File: BG023932.D
Acq: 31 Aug 2016 19:57

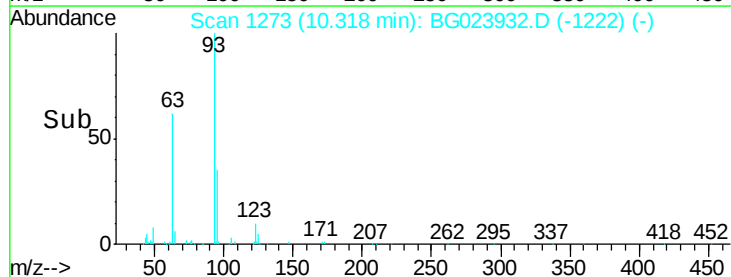
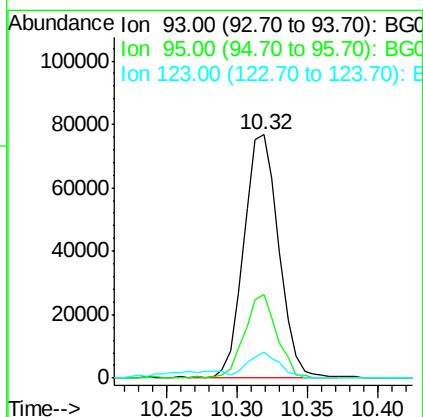
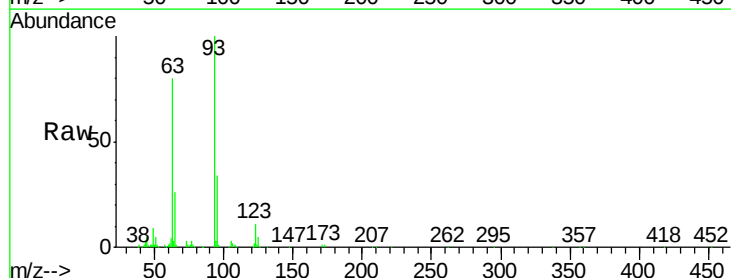
Instrument :
BNA_G
ClientSampleId :
ICVBG083116

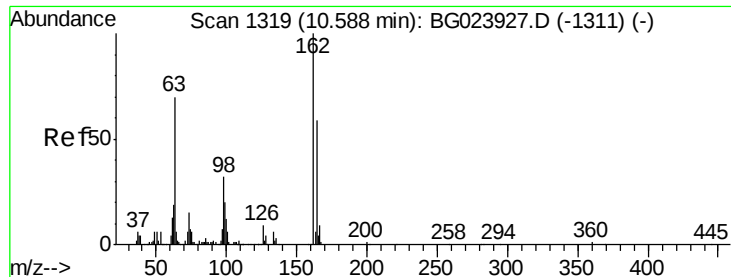
Tgt Ion	Ratio	Lower	Upper
122	100		
107	126.5	117.0	175.4
121	55.7	50.1	75.1



#28
bis(2-Chloroethoxy)methane
Concen: 37.54 ng
RT: 10.32 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG023932.D
Acq: 31 Aug 2016 19:57

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.1	25.4	38.2
123	10.7	8.2	12.2

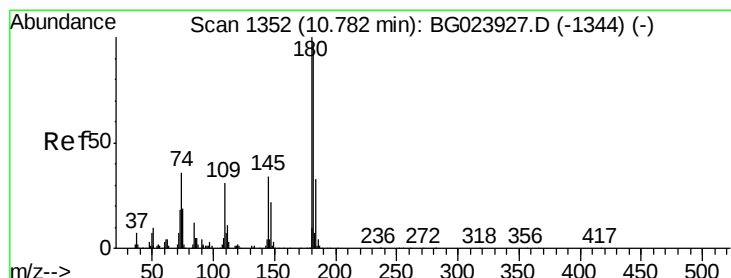
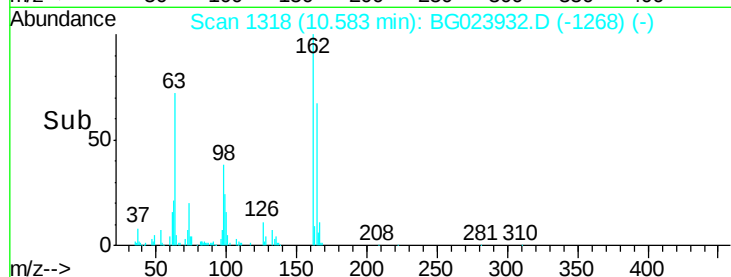
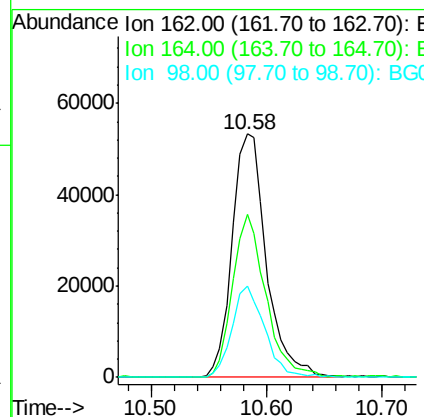
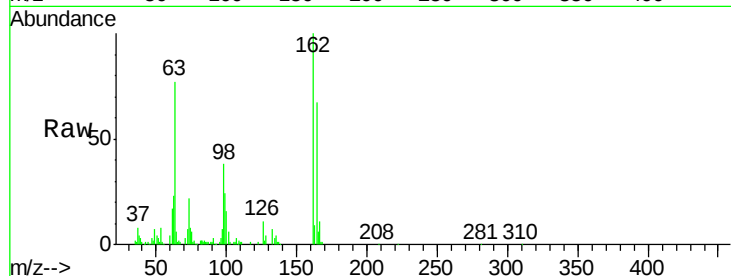




#29
2,4-Dichlorophenol
Concen: 41.01 ng
RT: 10.58 min Scan# 1318
Delta R.T. -0.01 min
Lab File: BG023932.D
Acq: 31 Aug 2016 19:57

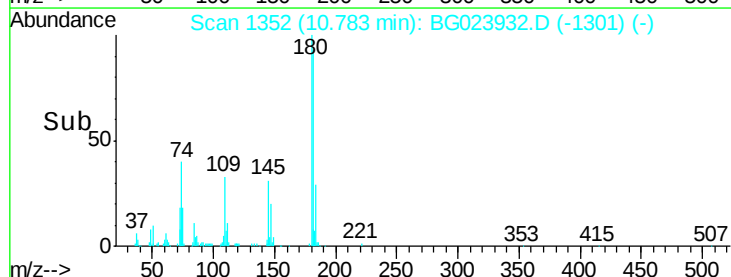
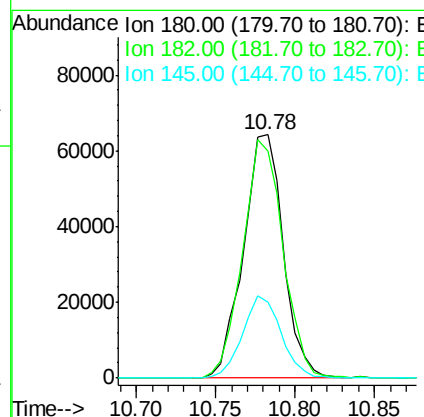
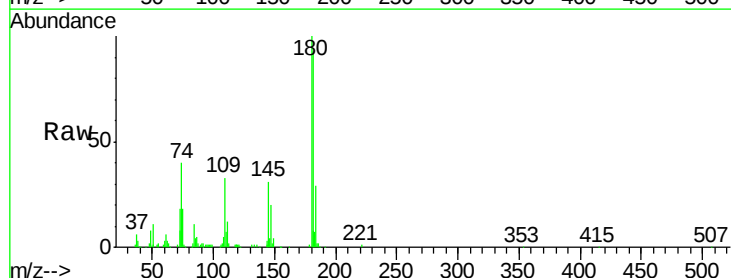
Instrument :
BNA_G
ClientSampleId :
ICVBG083116

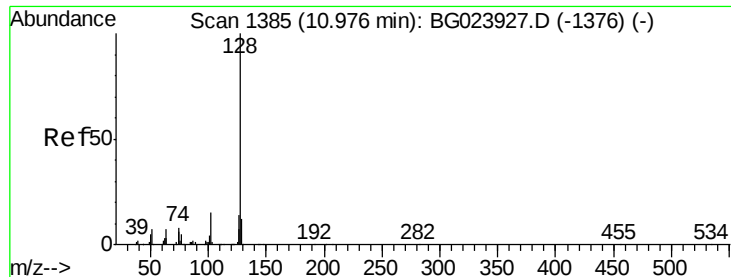
Tgt Ion	Ratio	Lower	Upper
162	100		
164	67.1	44.3	84.3
98	37.5	19.5	59.5



#30
1,2,4-Trichlorobenzene
Concen: 38.37 ng
RT: 10.78 min Scan# 1352
Delta R.T. 0.00 min
Lab File: BG023932.D
Acq: 31 Aug 2016 19:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.2	73.8	110.8
145	31.2	24.4	36.6

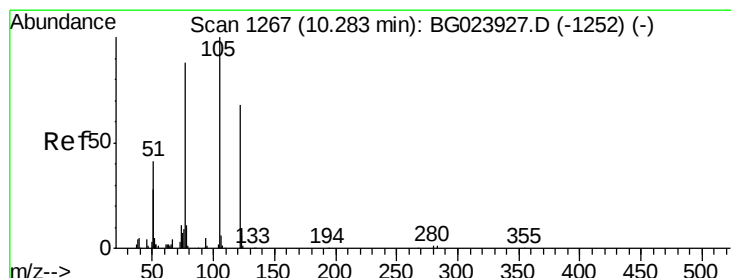
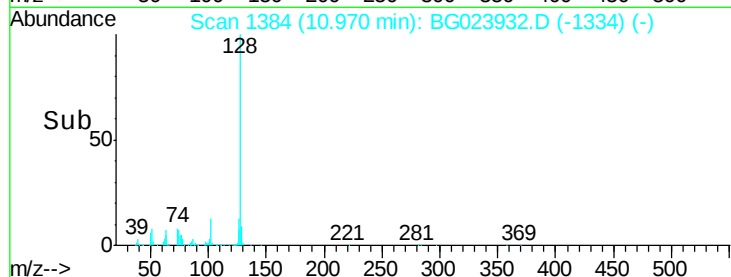
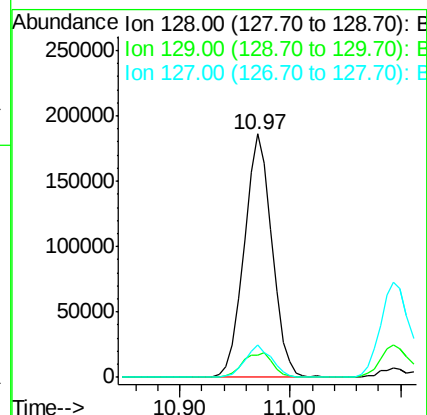
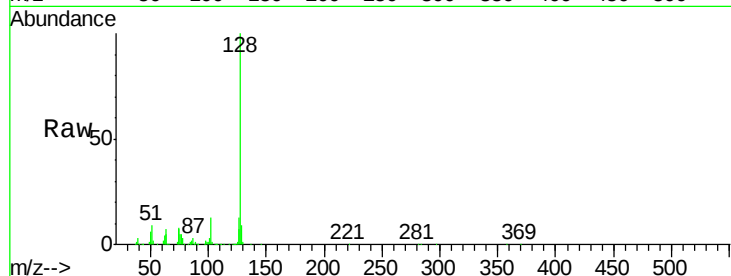




#31
Naphthalene
Concen: 39.34 ng
RT: 10.97 min Scan# 1384
Delta R.T. -0.01 min
Lab File: BG023932.D
Acq: 31 Aug 2016 19:57

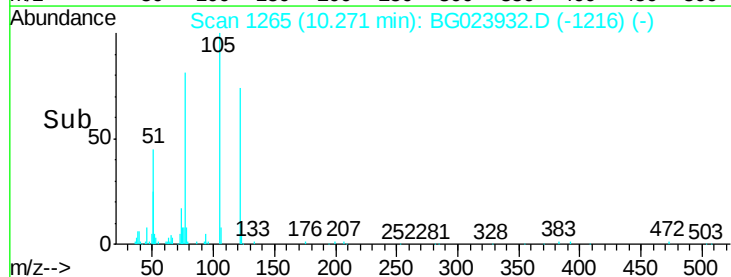
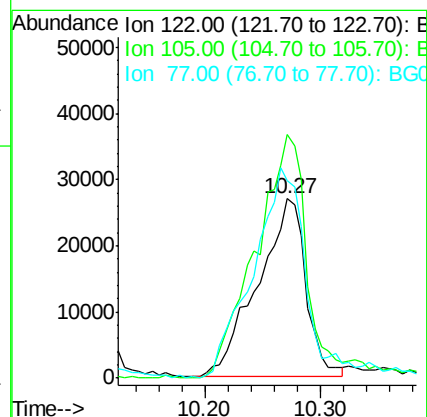
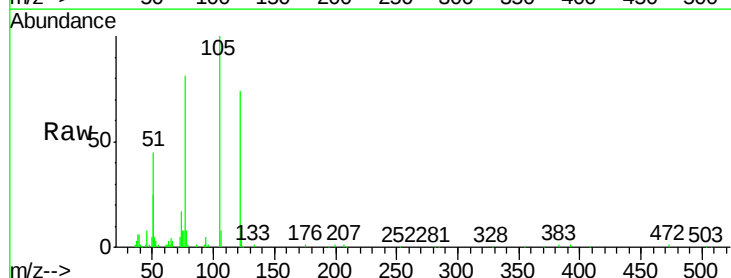
Instrument :
BNA_G
ClientSampleId :
ICVBG083116

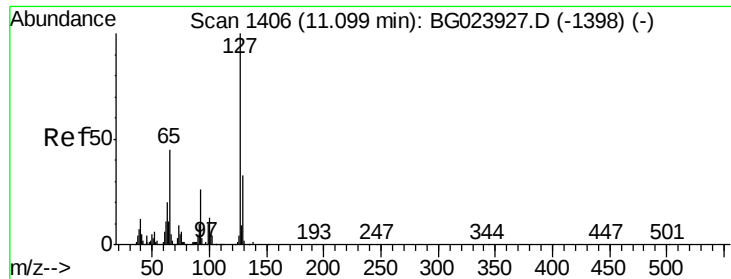
Tgt Ion	Ratio	Lower	Upper
128	100		
129	9.4	9.4	14.0
127	13.5	11.3	16.9



#32
Benzoic acid
Concen: 37.73 ng
RT: 10.27 min Scan# 1265
Delta R.T. -0.01 min
Lab File: BG023932.D
Acq: 31 Aug 2016 19:57

Tgt Ion	Ratio	Lower	Upper
122	100		
105	136.0	117.2	157.2
77	110.4	109.2	149.2

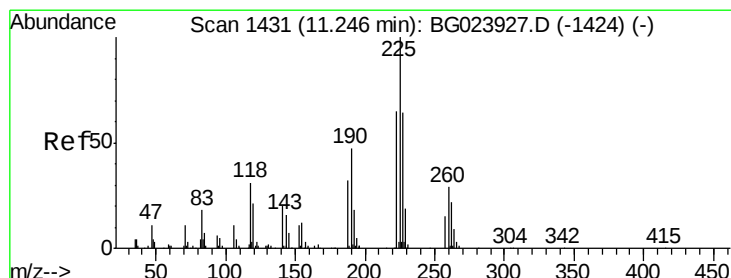
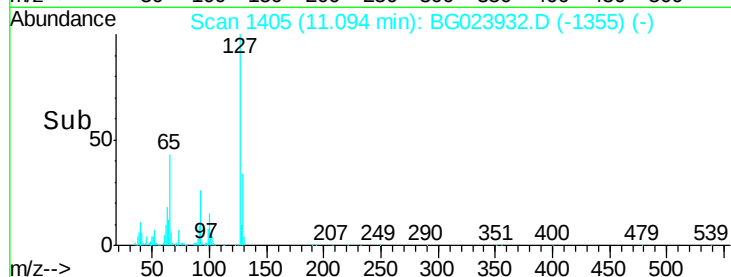
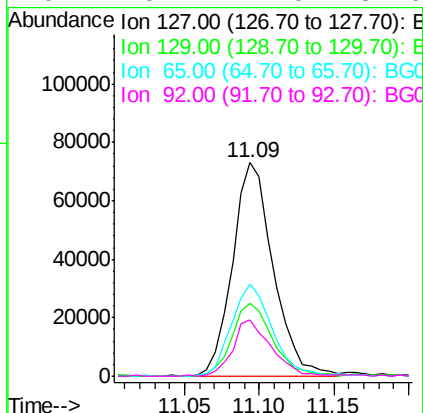
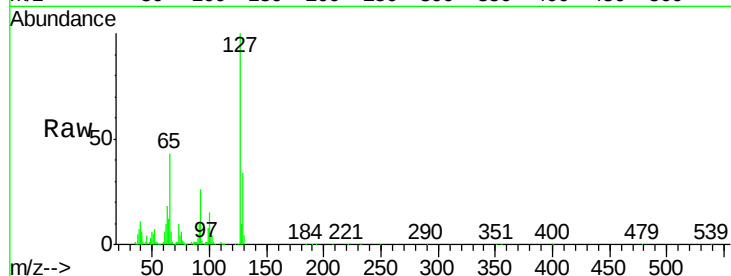




#33
4-Chloroaniline
Concen: 39.72 ng
RT: 11.09 min Scan# 1405
Delta R.T. -0.01 min
Lab File: BG023932.D
Acq: 31 Aug 2016 19:57

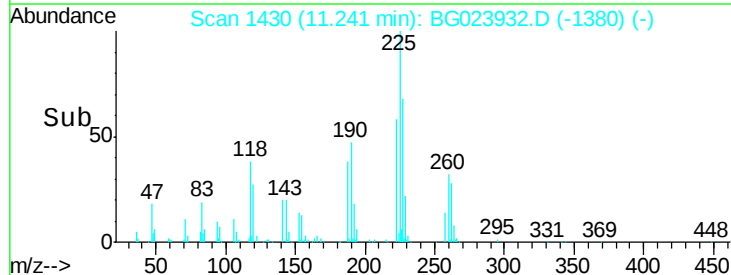
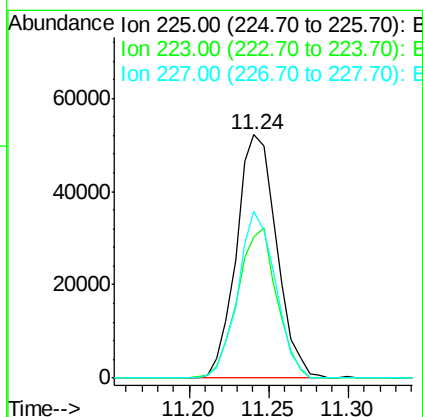
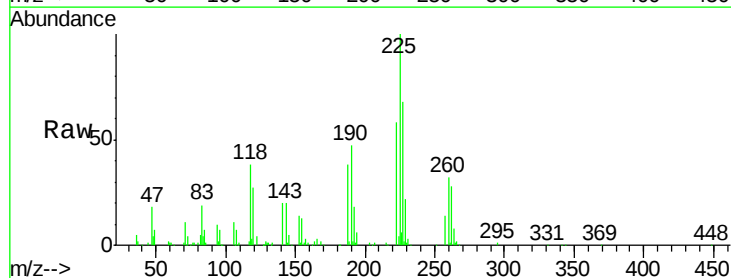
Instrument :
BNA_G
ClientSampleId :
ICVBG083116

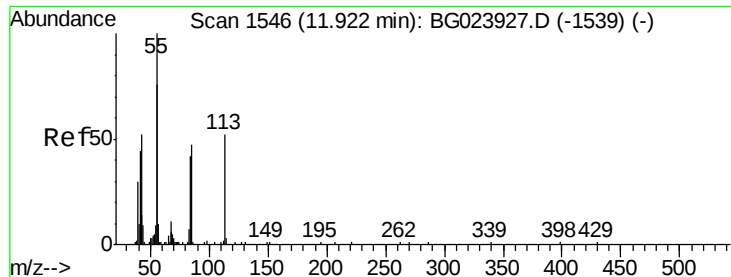
Tgt Ion:	127	Resp:	138489
Ion	Ratio	Lower	Upper
127	100		
129	34.1	27.9	41.9
65	43.5	36.8	55.2
92	26.2	21.0	31.6



#34
Hexachlorobutadiene
Concen: 41.63 ng
RT: 11.24 min Scan# 1430
Delta R.T. -0.01 min
Lab File: BG023932.D
Acq: 31 Aug 2016 19:57

Tgt Ion:	225	Resp:	91642
Ion	Ratio	Lower	Upper
225	100		
223	58.0	49.6	74.4
227	68.4	54.5	81.7

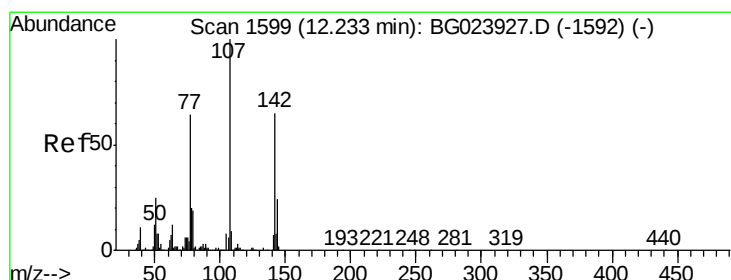
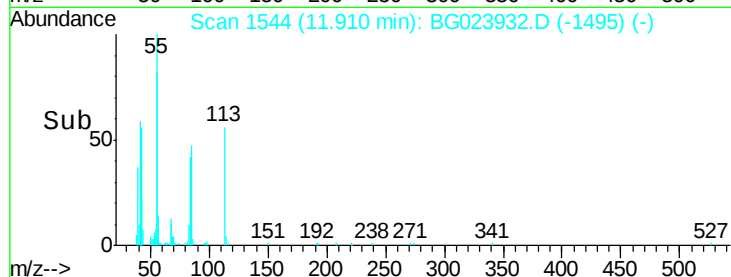
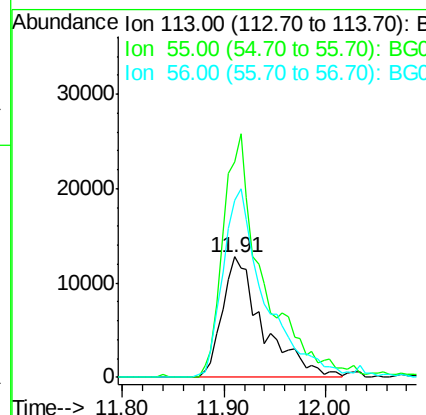
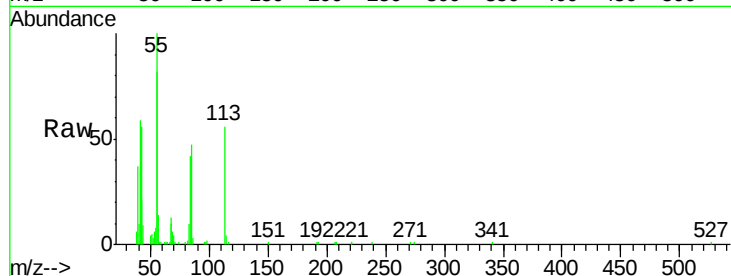




#35
 Caprolactam
 Concen: 38.00 ng
 RT: 11.91 min Scan# 1544
 Delta R.T. -0.01 min
 Lab File: BG023932.D
 Acq: 31 Aug 2016 19:57

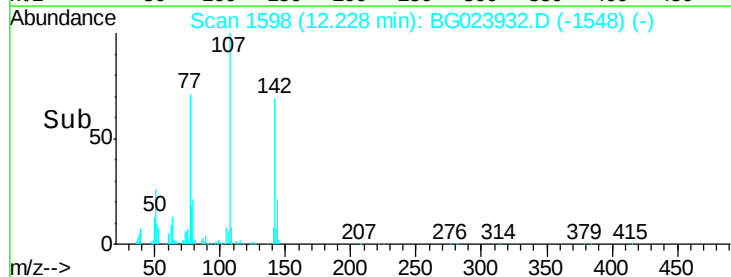
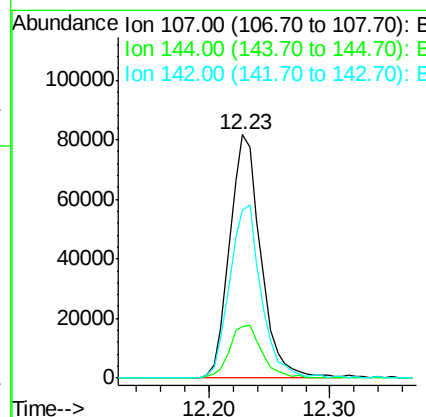
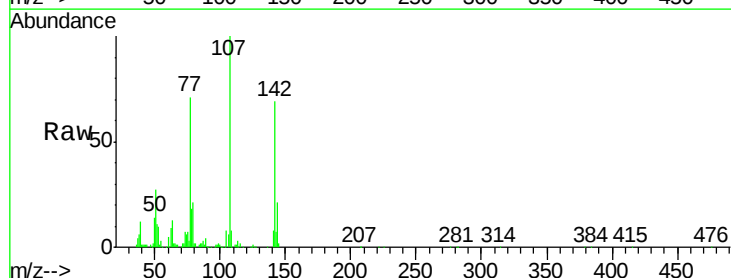
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG083116

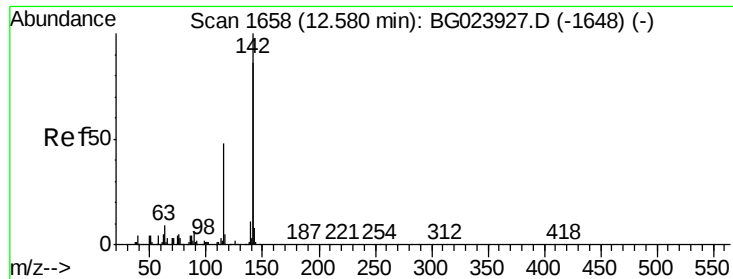
Tgt Ion:113 Resp: 35788
 Ion Ratio Lower Upper
 113 100
 55 179.4 154.5 194.5
 56 147.7 125.1 165.1



#36
 4-Chloro-3-methylphenol
 Concen: 41.06 ng
 RT: 12.23 min Scan# 1598
 Delta R.T. -0.01 min
 Lab File: BG023932.D
 Acq: 31 Aug 2016 19:57

Tgt Ion:107 Resp: 146590
 Ion Ratio Lower Upper
 107 100
 144 21.1 17.0 25.6
 142 69.3 53.0 79.6

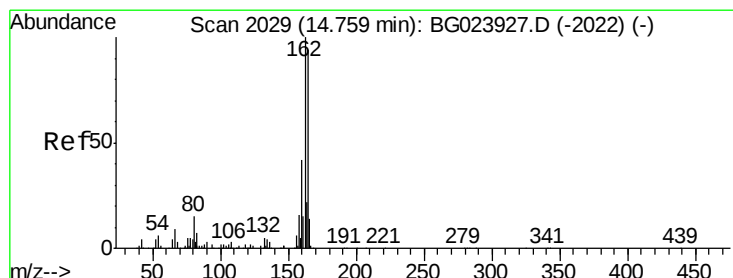
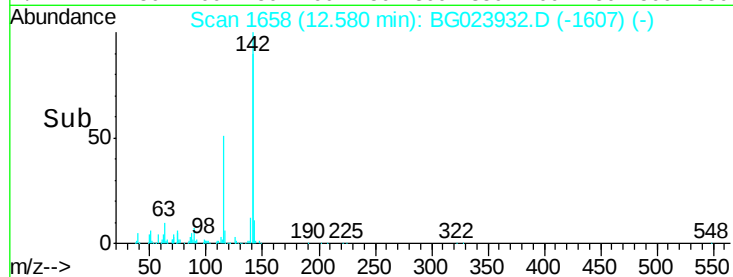
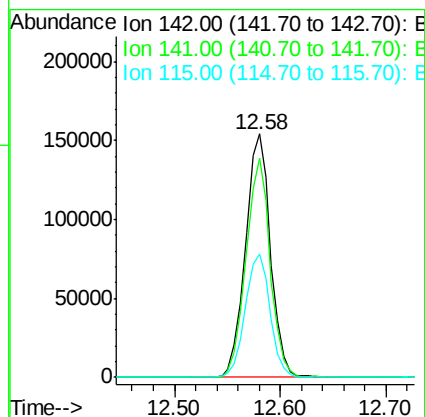
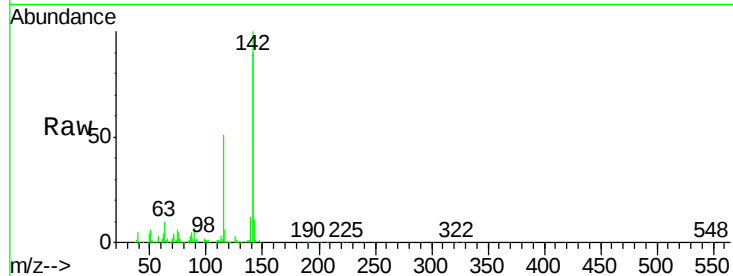




#37
2-Methylnaphthalene
Concen: 39.61 ng
RT: 12.58 min Scan# 1658
Delta R.T. 0.00 min
Lab File: BG023932.D
Acq: 31 Aug 2016 19:57

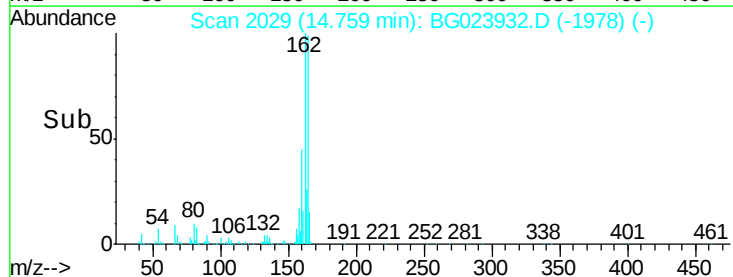
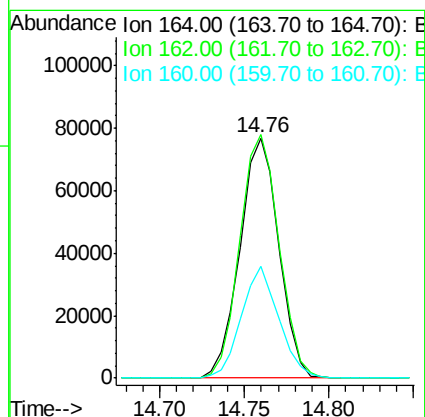
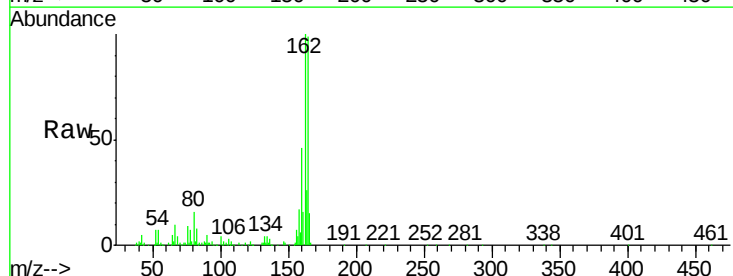
Instrument :
BNA_G
ClientSampleId :
ICVBG083116

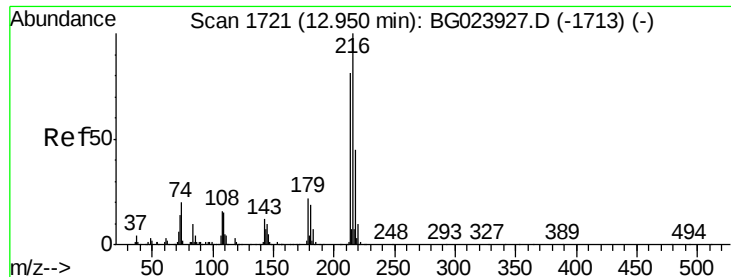
Tgt Ion:142 Resp: 251631
Ion Ratio Lower Upper
142 100
141 89.9 70.2 105.2
115 50.5 41.7 62.5



#38
Acenaphthene-d10
Concen: 20.00 ng
RT: 14.76 min Scan# 2029
Delta R.T. 0.00 min
Lab File: BG023932.D
Acq: 31 Aug 2016 19:57

Tgt Ion:164 Resp: 122767
Ion Ratio Lower Upper
164 100
162 101.5 87.7 131.5
160 46.4 37.2 55.8





#39

1,2,4,5-Tetrachlorobenzene

Concen: 41.12 ng

RT: 12.95 min Scan# 1721

Delta R.T. 0.00 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

Tgt Ion:216 Resp: 167552

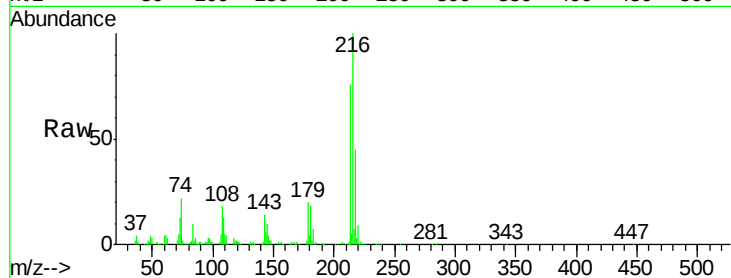
Ion Ratio Lower Upper

216 100

214 78.7 62.9 94.3

179 21.1 17.2 25.8

108 20.2 16.3 24.5

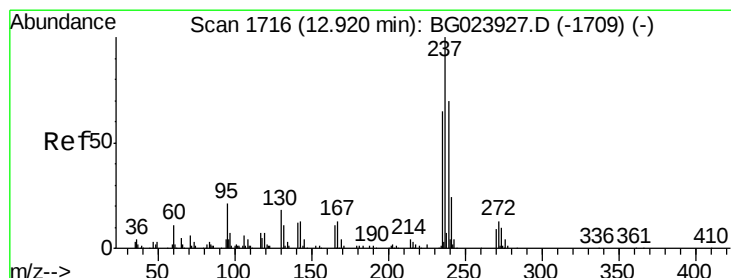
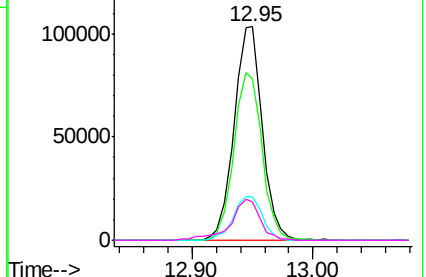
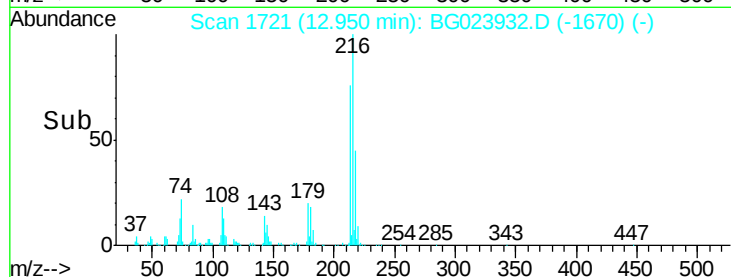


Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E



#40

Hexachlorocyclopentadiene

Concen: 38.14 ng

RT: 12.91 min Scan# 1715

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

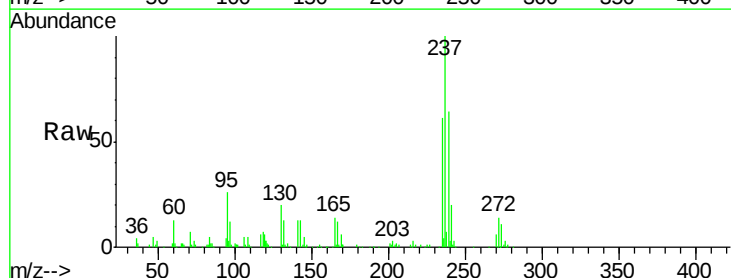
Tgt Ion:237 Resp: 83673

Ion Ratio Lower Upper

237 100

235 60.6 43.1 83.1

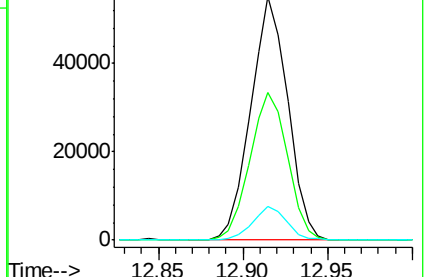
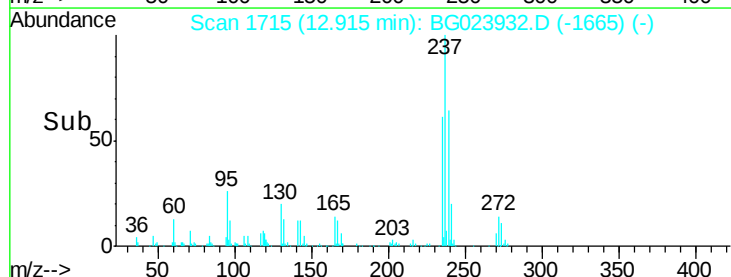
272 13.6 0.0 30.9

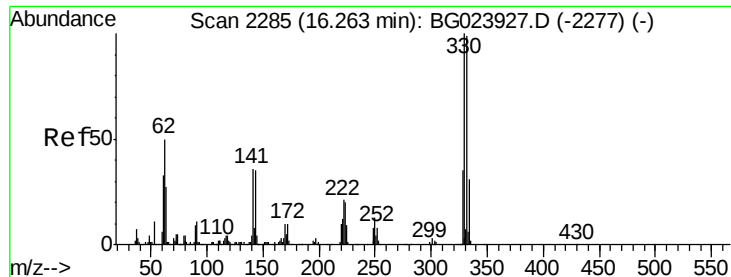


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

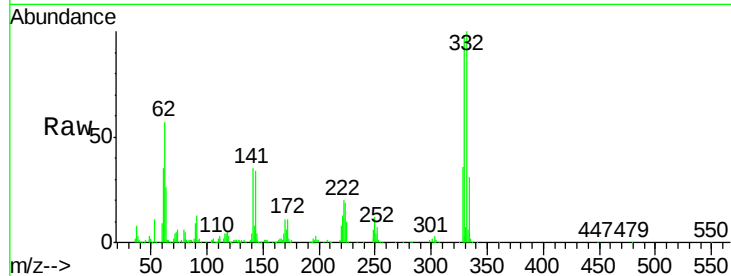




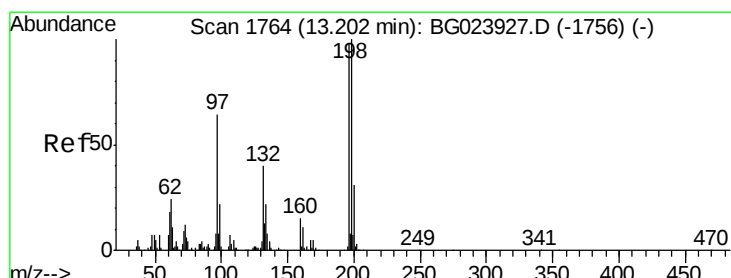
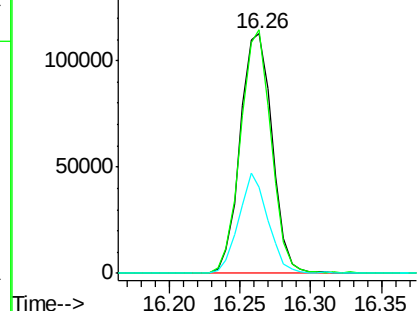
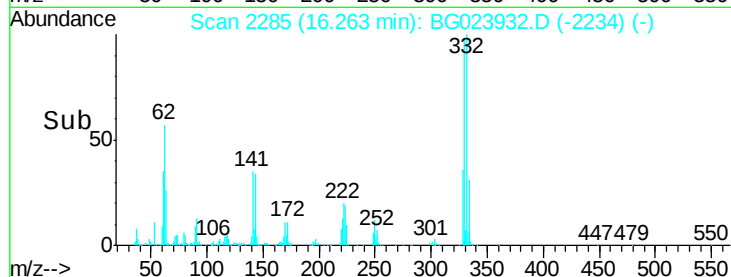
#41
 2,4,6-Tribromophenol
 Concen: 80.72 ng
 RT: 16.26 min Scan# 2285
 Delta R.T. 0.00 min
 Lab File: BG023932.D
 Acq: 31 Aug 2016 19:57

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG083116

Tgt Ion:330 Resp: 178531
 Ion Ratio Lower Upper
 330 100
 332 96.8 77.4 116.2
 141 38.1 31.7 47.5

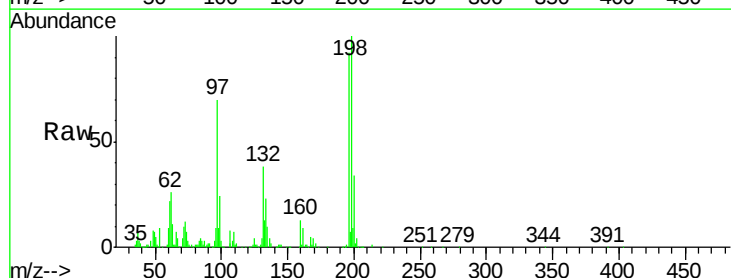


Abundance Ion 329.80 (329.50 to 330.50): E
 Ion 331.80 (331.50 to 332.50): E
 Ion 141.00 (140.70 to 141.70): E

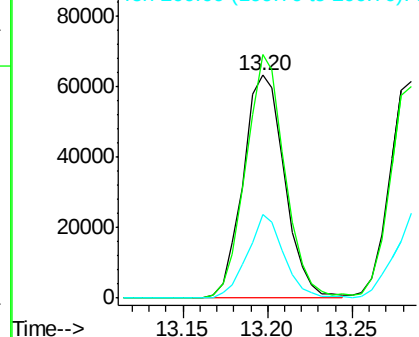
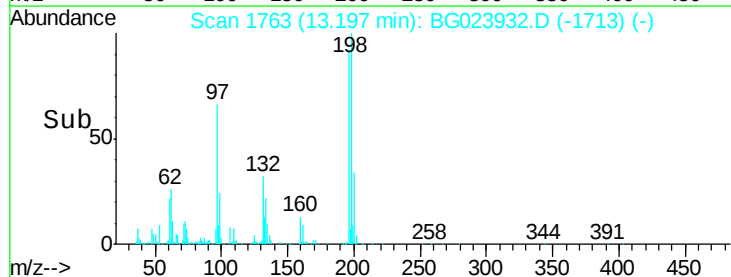


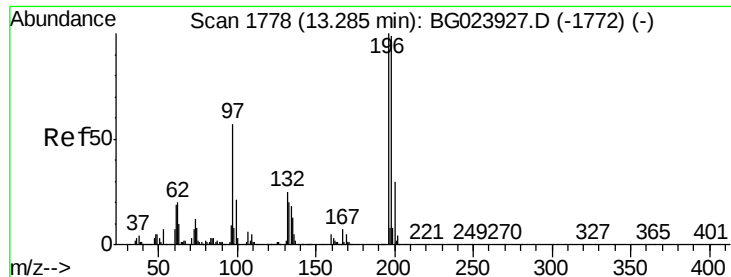
#42
 2,4,6-Trichlorophenol
 Concen: 39.72 ng
 RT: 13.20 min Scan# 1763
 Delta R.T. -0.01 min
 Lab File: BG023932.D
 Acq: 31 Aug 2016 19:57

Tgt Ion:196 Resp: 108000
 Ion Ratio Lower Upper
 196 100
 198 109.3 78.2 117.2
 200 37.4 27.0 40.4



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

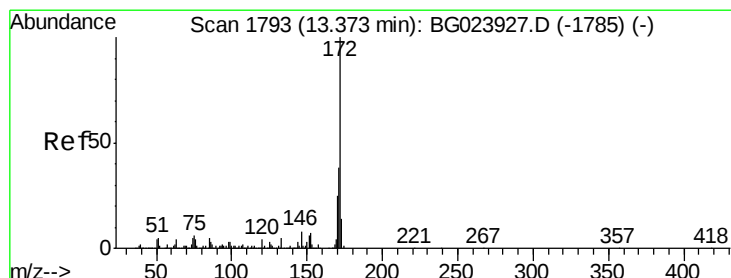
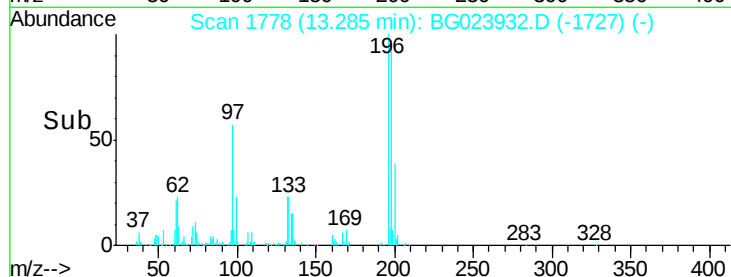
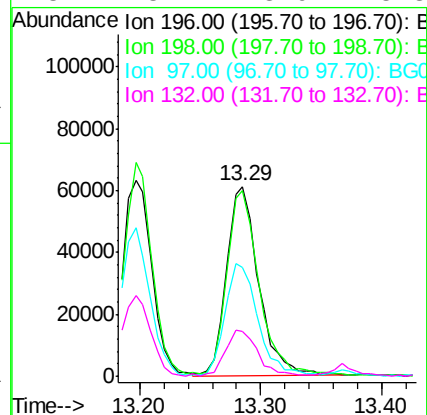
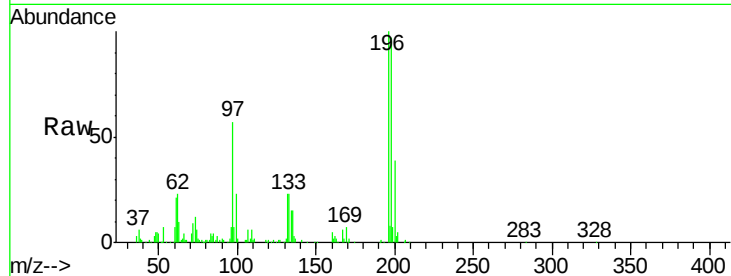




#43
 2,4,5-Trichlorophenol
 Concen: 40.71 ng
 RT: 13.29 min Scan# 1778
 Delta R.T. 0.00 min
 Lab File: BG023932.D
 Acq: 31 Aug 2016 19:57

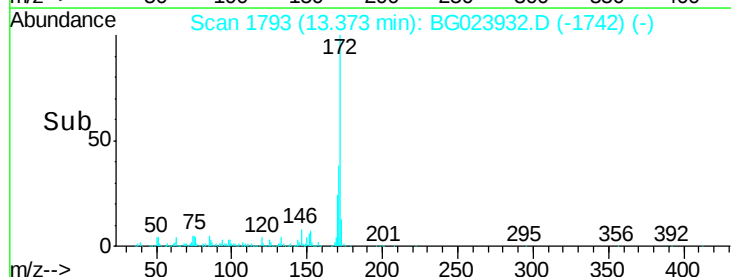
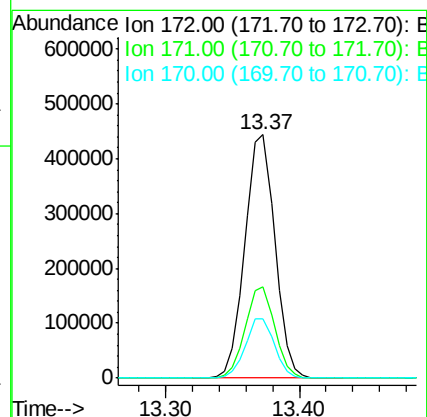
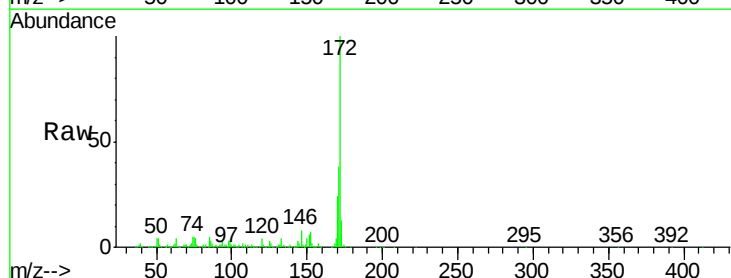
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG083116

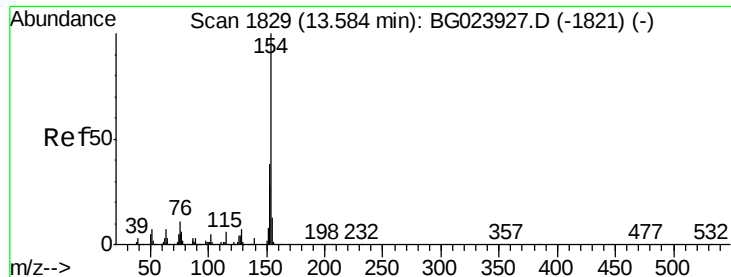
Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.5	85.7	128.5
97	57.5	45.5	68.3
132	23.4	18.9	28.3



#44
 2-Fluorobiphenyl
 Concen: 80.38 ng
 RT: 13.37 min Scan# 1793
 Delta R.T. 0.00 min
 Lab File: BG023932.D
 Acq: 31 Aug 2016 19:57

Tgt Ion	Ratio	Lower	Upper
172	100		
171	37.7	31.6	47.4
170	24.4	21.3	31.9

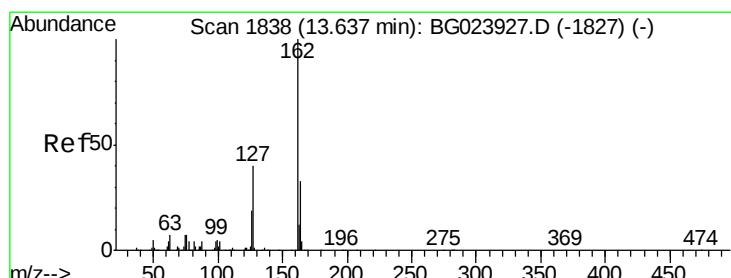
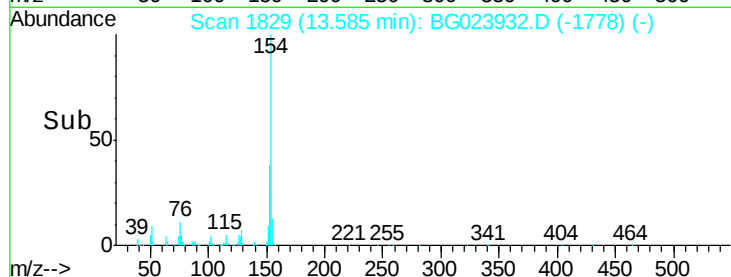
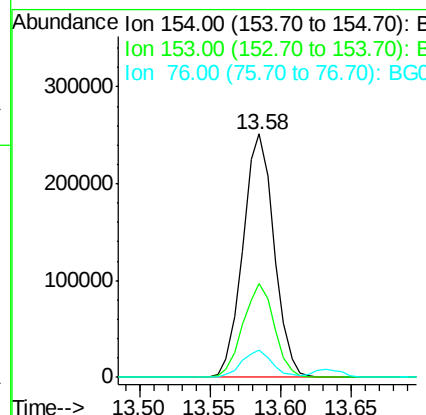
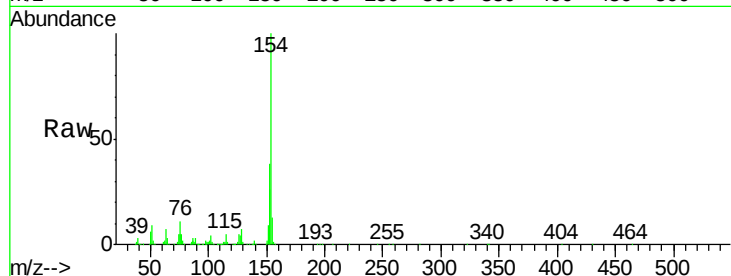




#45
 1,1'-Biphenyl
 Concen: 39.33 ng
 RT: 13.58 min Scan# 1829
 Delta R.T. 0.00 min
 Lab File: BG023932.D
 Acq: 31 Aug 2016 19:57

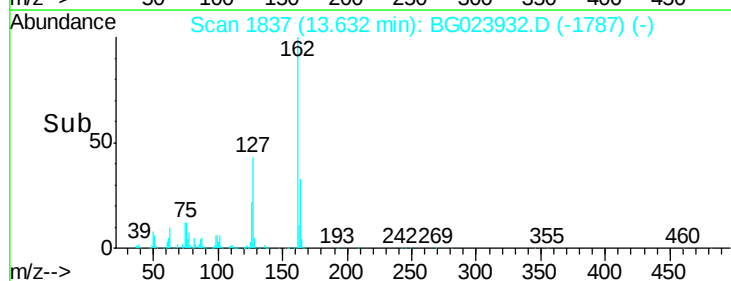
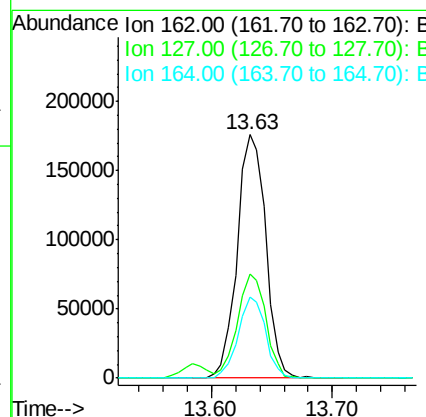
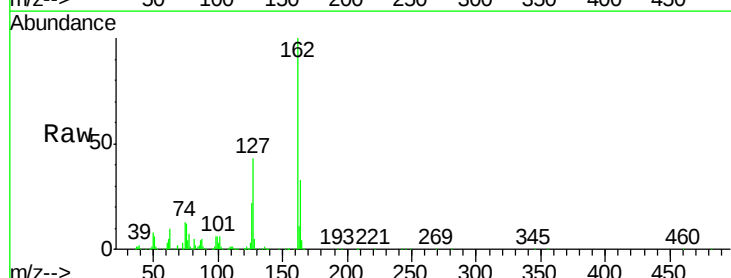
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG083116

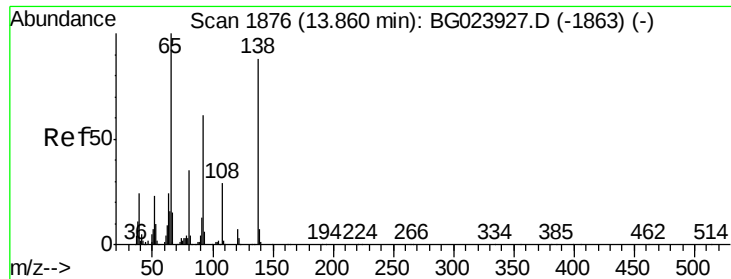
Tgt Ion	Ratio	Lower	Upper
154	100		
153	38.5	20.2	60.2
76	11.3	0.0	32.9



#46
 2-Chloronaphthalene
 Concen: 40.01 ng
 RT: 13.63 min Scan# 1837
 Delta R.T. -0.01 min
 Lab File: BG023932.D
 Acq: 31 Aug 2016 19:57

Tgt Ion	Ratio	Lower	Upper
162	100		
127	42.7	32.4	48.6
164	33.3	25.2	37.8





#47

2-Nitroaniline

Concen: 43.05 ng

RT: 13.85 min Scan# 1875

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

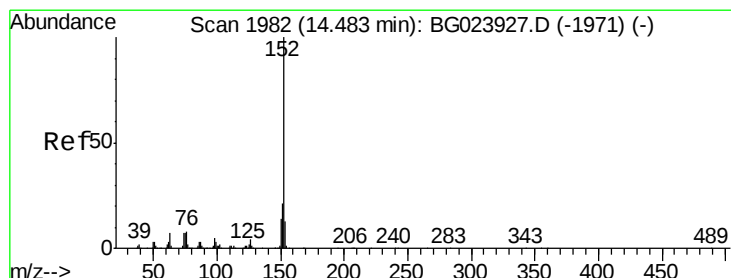
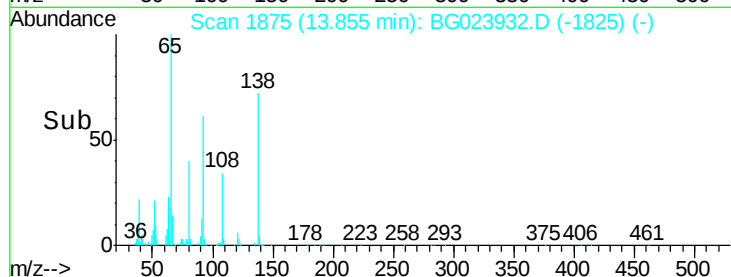
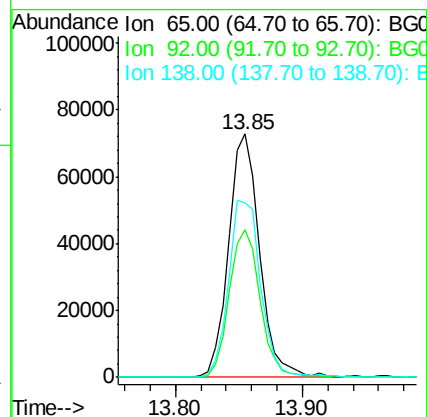
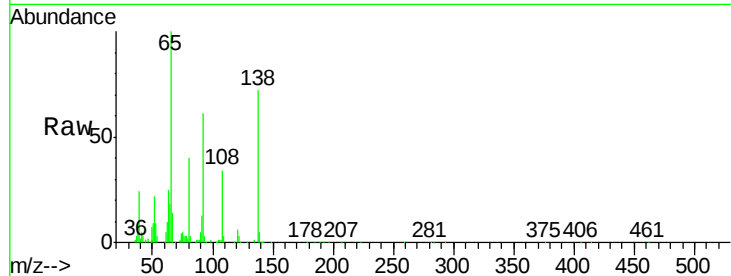
BNA_G

ClientSampleId :

ICVBG083116

Tgt Ion: 65 Resp: 122920

Ion	Ratio	Lower	Upper
65	100		
92	60.6	49.4	74.0
138	71.9	58.0	87.0



#48

Acenaphthylene

Concen: 39.99 ng

RT: 14.48 min Scan# 1982

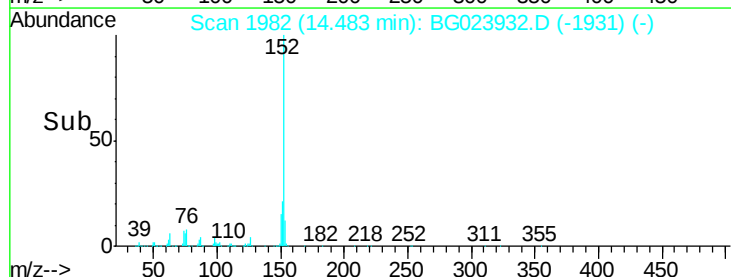
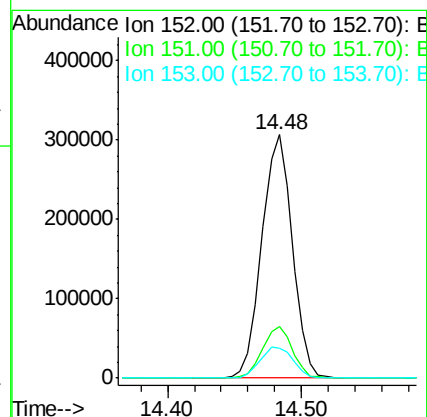
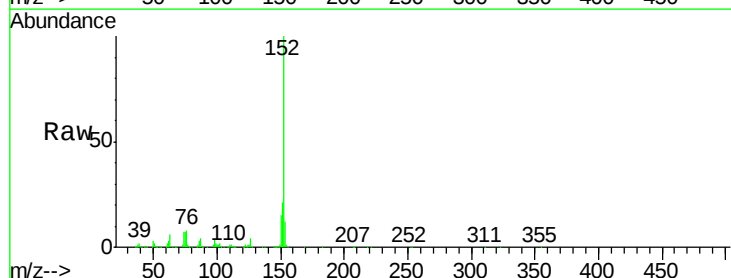
Delta R.T. 0.00 min

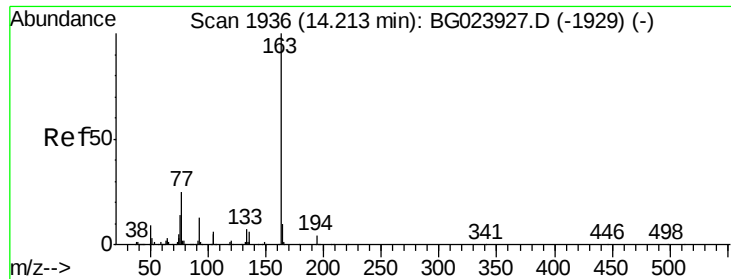
Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Tgt Ion: 152 Resp: 483274

Ion	Ratio	Lower	Upper
152	100		
151	21.4	17.6	26.4
153	12.5	11.4	17.2





#49

Dimethylphthalate

Concen: 39.76 ng

RT: 14.21 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

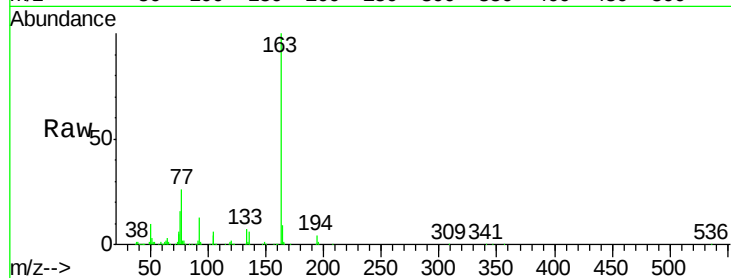
Tgt Ion:163 Resp: 418534

Ion Ratio Lower Upper

163 100

194 4.2 3.6 5.4

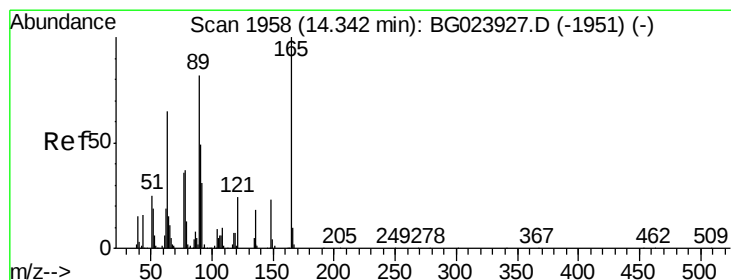
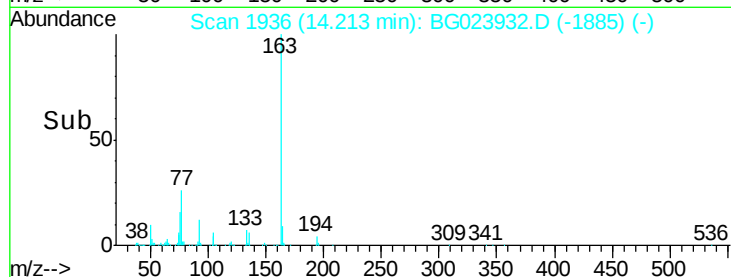
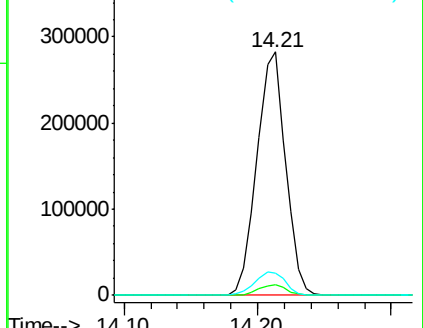
164 8.9 8.1 12.1



Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E



#50

2,6-Dinitrotoluene

Concen: 40.27 ng

RT: 14.34 min Scan# 1958

Delta R.T. 0.00 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

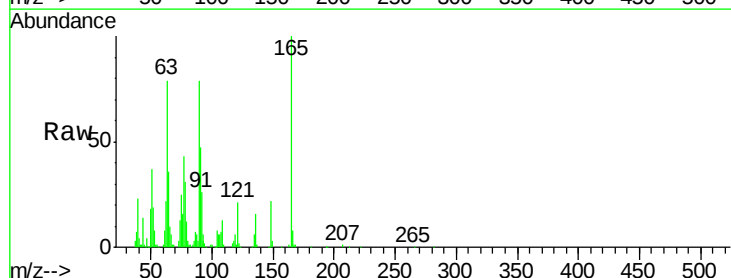
Tgt Ion:165 Resp: 89492

Ion Ratio Lower Upper

165 100

63 78.6 64.3 96.5

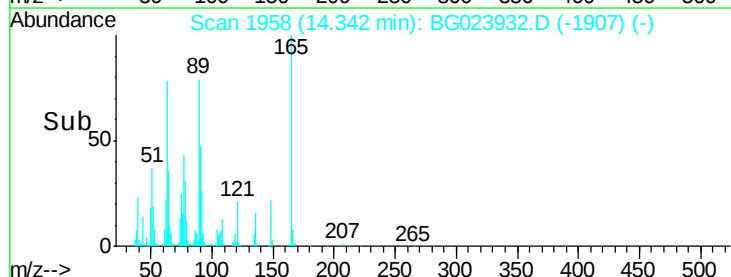
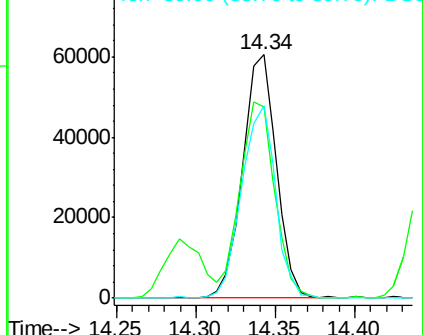
89 79.2 64.3 96.5

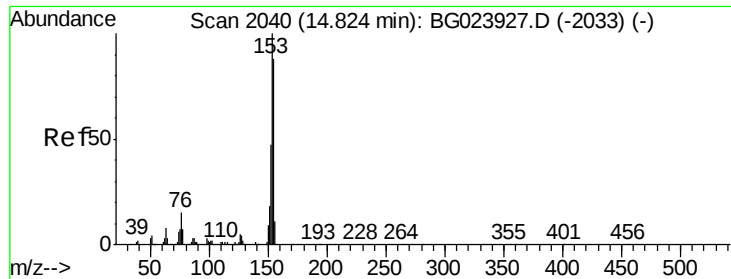


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 39.72 ng

RT: 14.82 min Scan# 2040

Delta R.T. 0.00 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

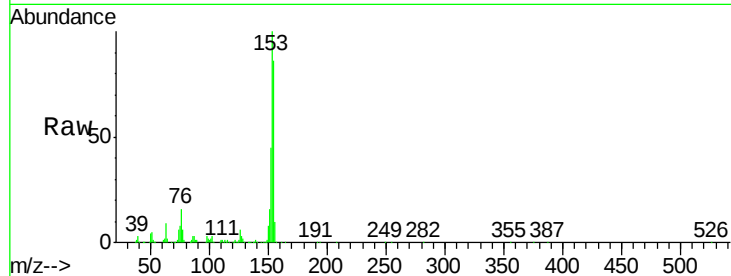
Tgt Ion:154 Resp: 296746

Ion Ratio Lower Upper

154 100

153 115.7 87.5 131.3

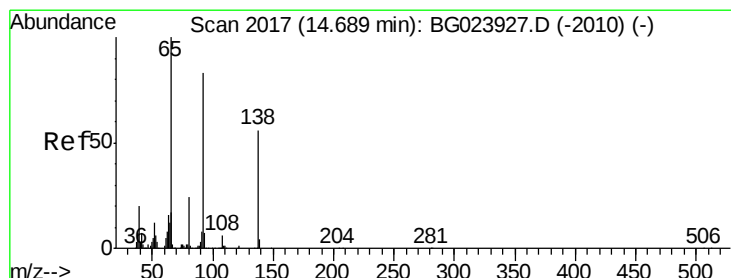
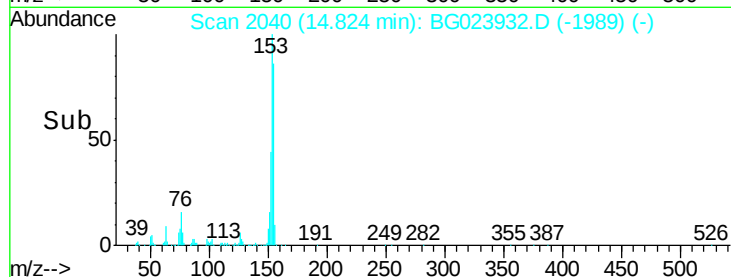
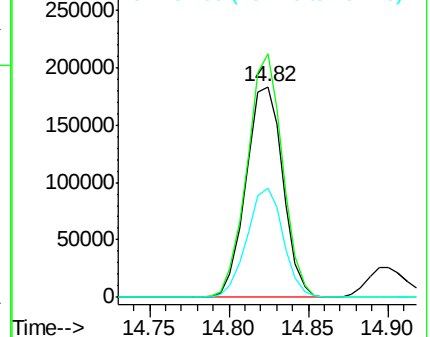
152 51.7 42.7 64.1



Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E



#52

3-Nitroaniline

Concen: 42.36 ng

RT: 14.68 min Scan# 2016

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

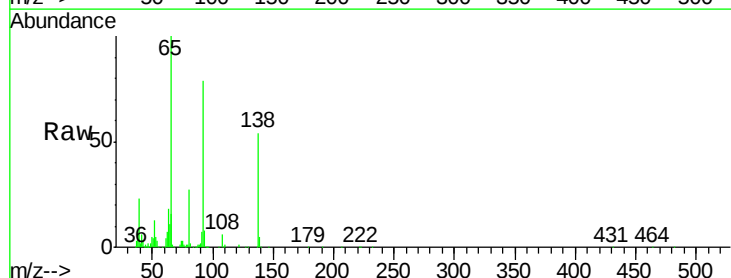
Tgt Ion:138 Resp: 88059

Ion Ratio Lower Upper

138 100

108 10.3 11.7 17.5#

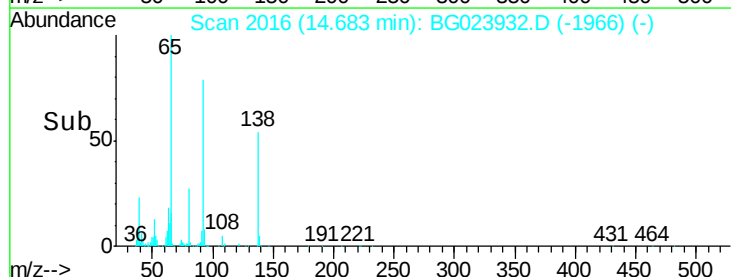
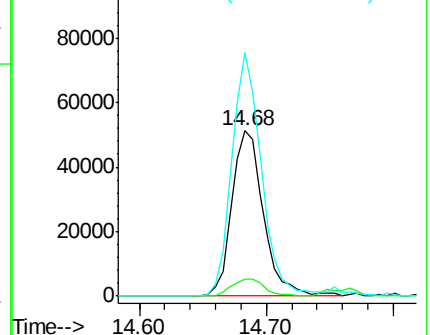
92 147.3 129.7 194.5

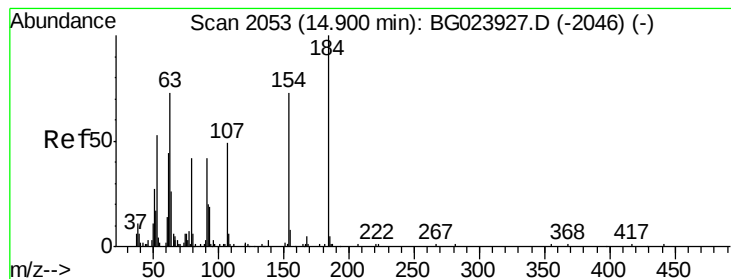


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC





#53

2,4-Dinitrophenol

Concen: 39.83 ng

RT: 14.90 min Scan# 2053

Delta R.T. 0.00 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

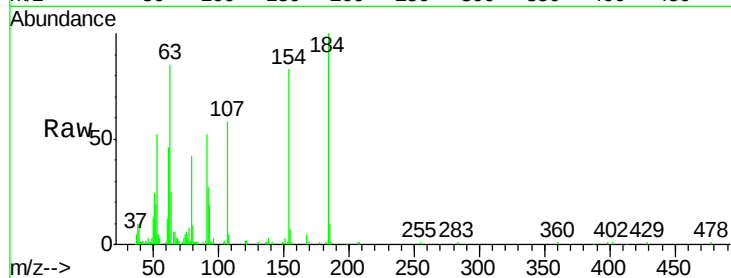
Tgt Ion:184 Resp: 58921

Ion Ratio Lower Upper

184 100

63 85.0 59.6 89.4

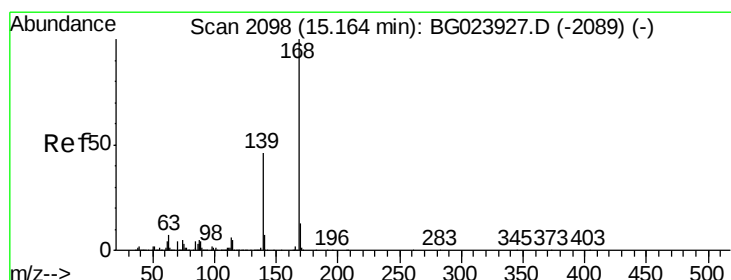
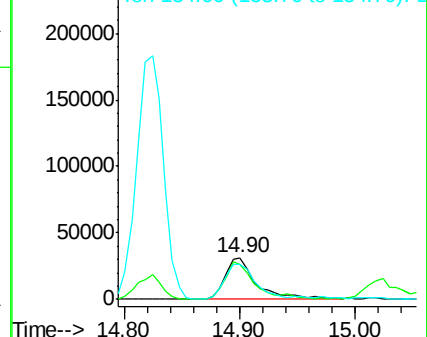
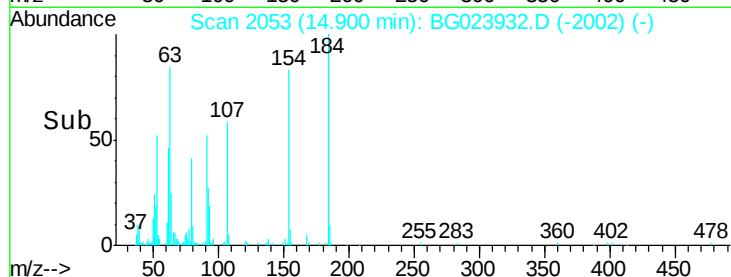
154 83.4 67.4 101.0



Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E



#54

Dibenzofuran

Concen: 39.72 ng

RT: 15.16 min Scan# 2097

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

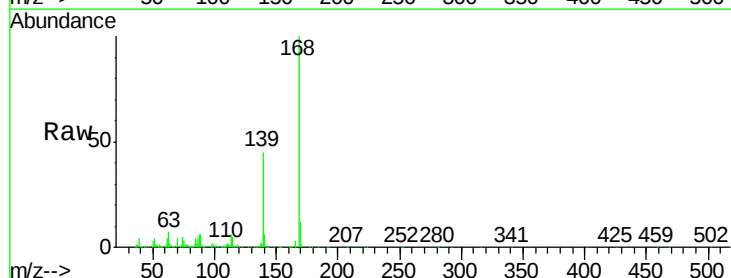
Tgt Ion:168 Resp: 463130

Ion Ratio Lower Upper

168 100

139 44.9 36.4 54.6

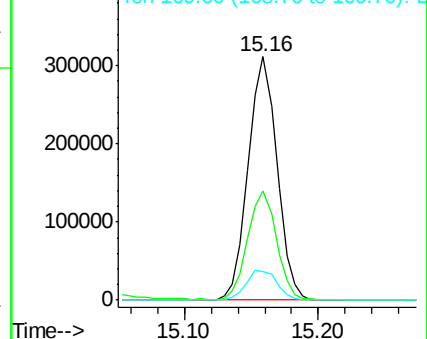
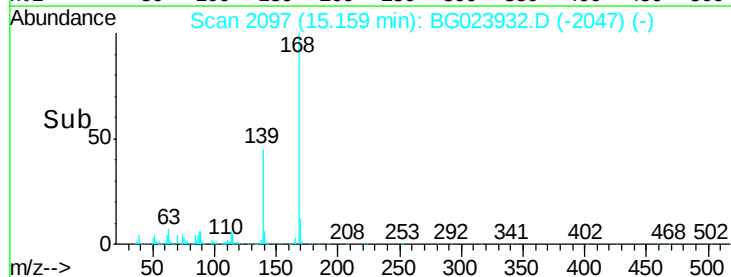
169 11.8 11.9 17.9#

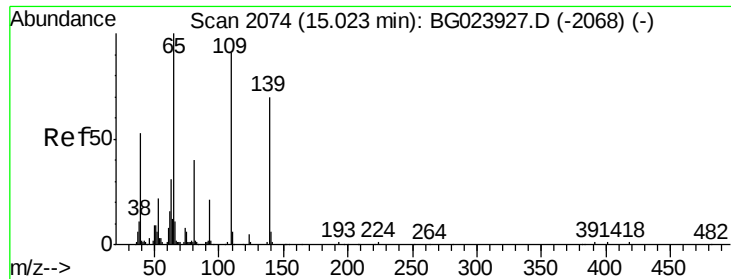


Abundance Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E





#55

4-Nitrophenol

Concen: 39.80 ng

RT: 15.02 min Scan# 2073

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

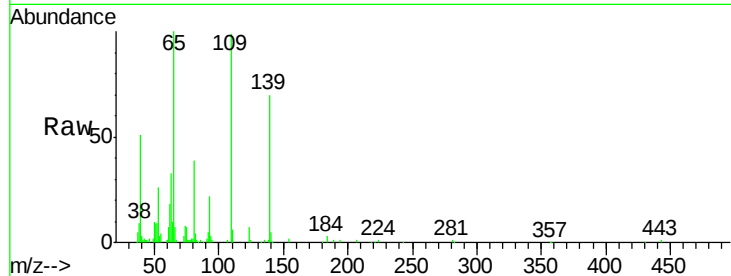
Tgt Ion:139 Resp: 65817

Ion Ratio Lower Upper

139 100

109 140.8 103.0 143.0

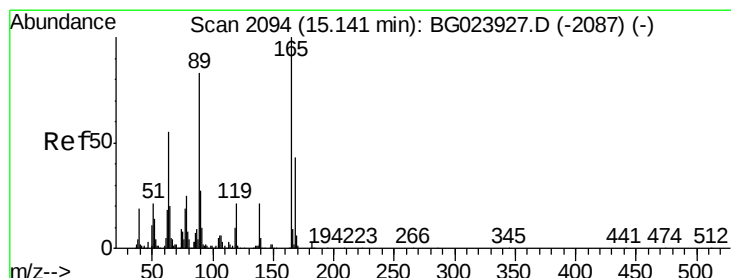
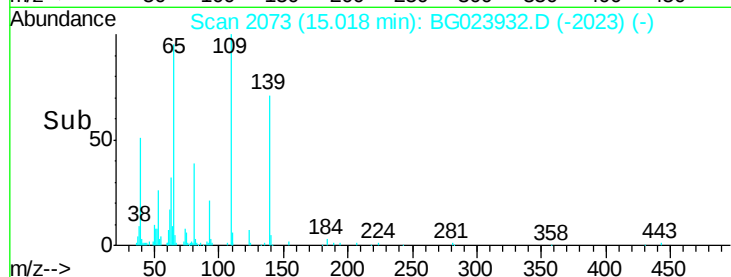
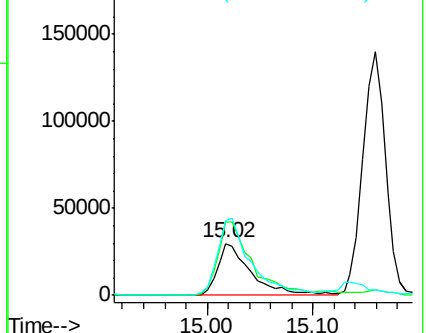
65 142.5 112.7 152.7



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



#56

2,4-Dinitrotoluene

Concen: 41.20 ng

RT: 15.14 min Scan# 2093

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Tgt Ion:165 Resp: 134566

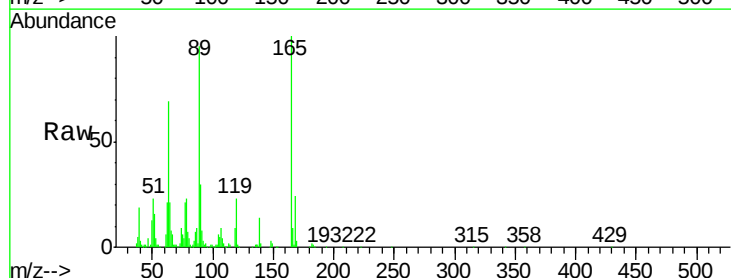
Ion Ratio Lower Upper

165 100

63 69.4 45.8 68.6#

89 95.2 68.6 102.8

182 2.2 2.0 3.0

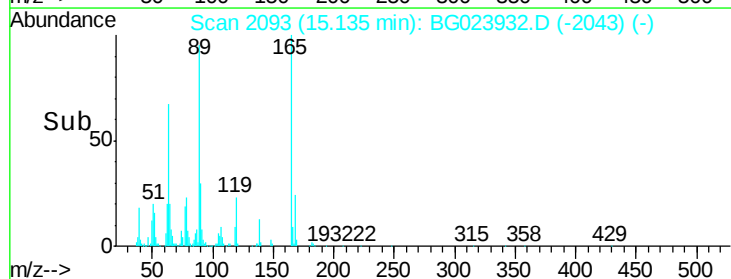
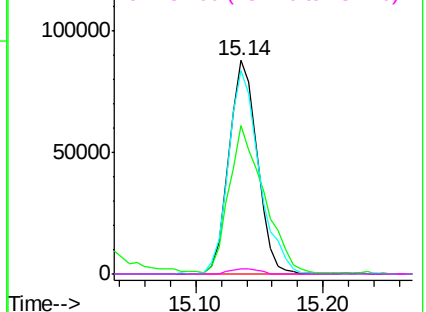


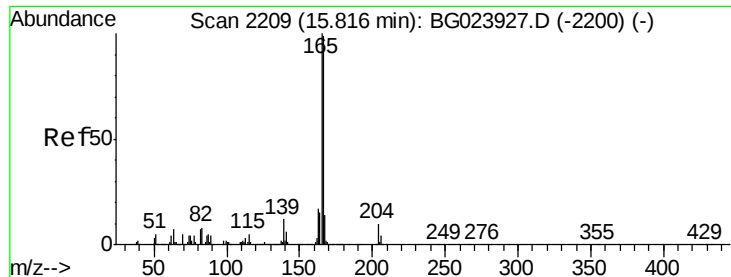
Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E





#57

Fluorene

Concen: 40.49 ng

RT: 15.81 min Scan# 2208

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

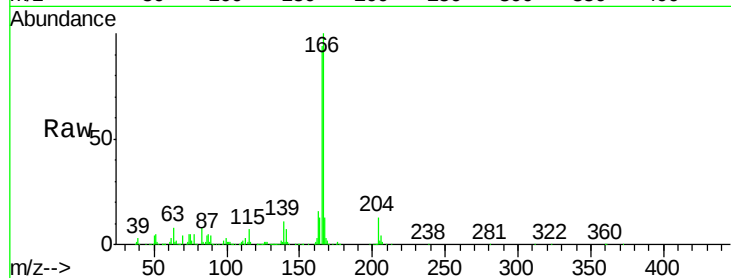
Tgt Ion:166 Resp: 409446

Ion Ratio Lower Upper

166 100

165 93.8 81.0 121.6

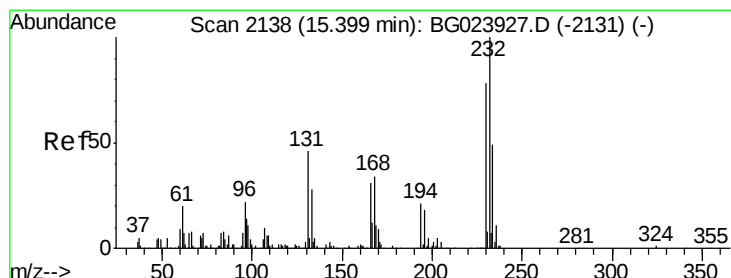
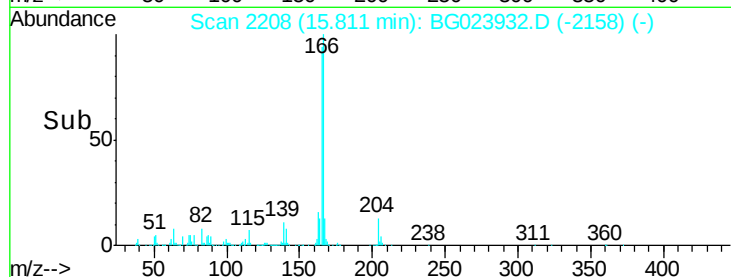
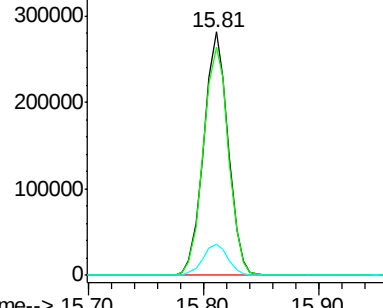
167 12.8 12.0 18.0



Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E



#58

2,3,4,6-Tetrachlorophenol

Concen: 42.71 ng

RT: 15.39 min Scan# 2137

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Tgt Ion:232 Resp: 119183

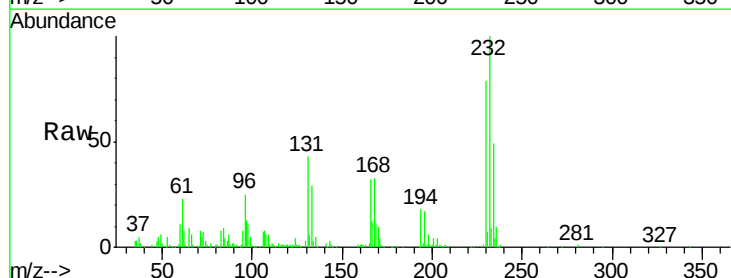
Ion Ratio Lower Upper

232 100

131 41.8 32.7 49.1

130 3.0 2.6 3.8

166 28.8 23.0 34.6

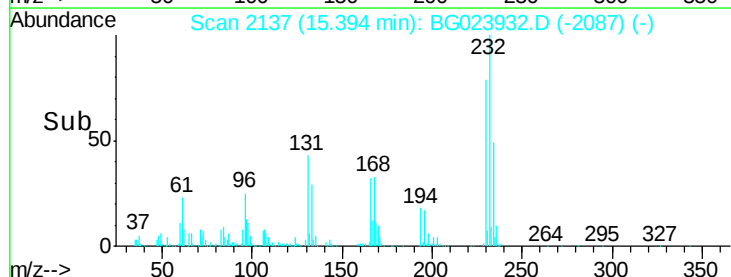
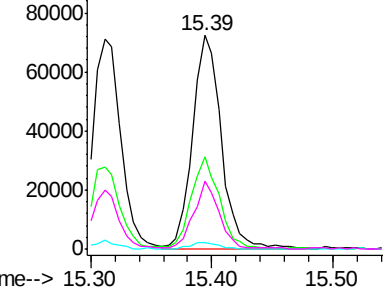


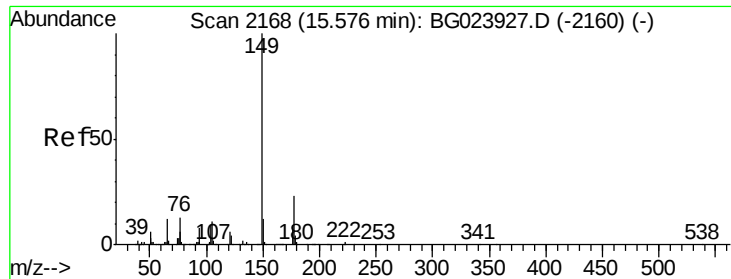
Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E





#59

Diethylphthalate

Concen: 39.76 ng

RT: 15.57 min Scan# 2167

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

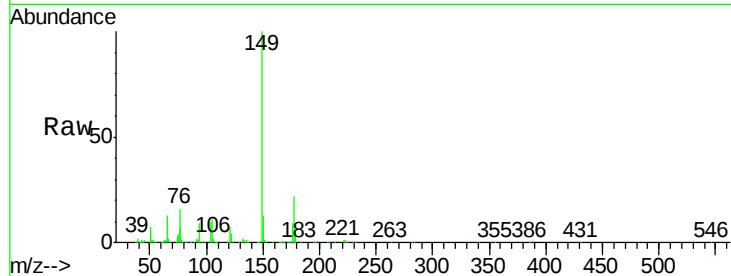
Tgt Ion:149 Resp: 446791

Ion Ratio Lower Upper

149 100

177 22.3 19.2 28.8

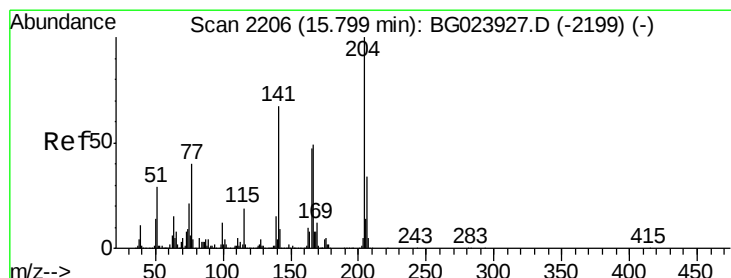
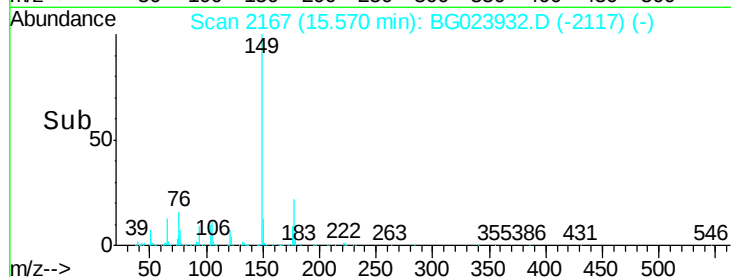
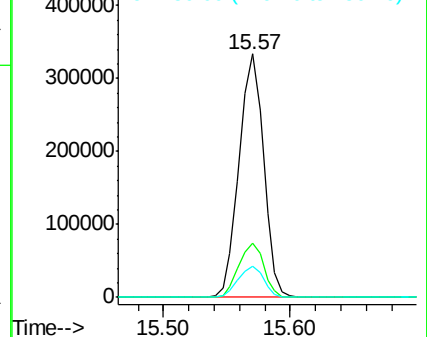
150 12.8 10.6 16.0



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E



#60

4-Chlorophenyl-phenylether

Concen: 39.77 ng

RT: 15.79 min Scan# 2205

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

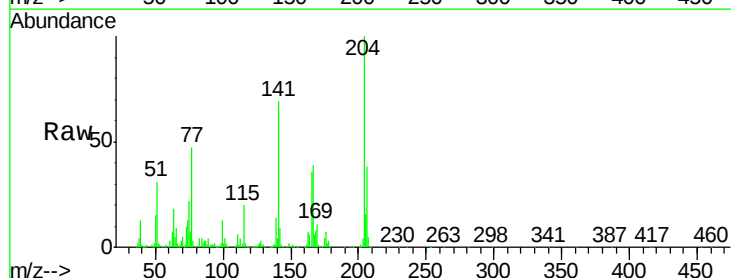
Tgt Ion:204 Resp: 216453

Ion Ratio Lower Upper

204 100

206 37.6 28.5 42.7

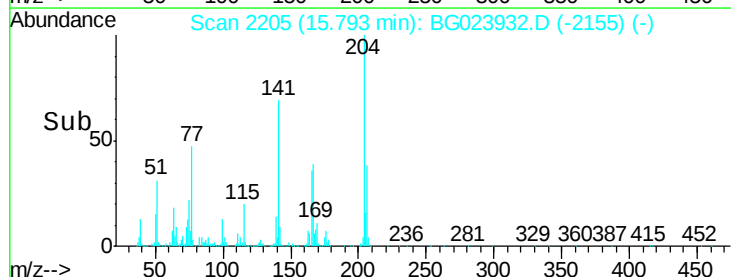
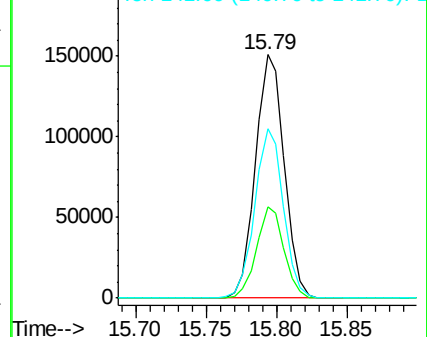
141 69.4 51.4 77.0

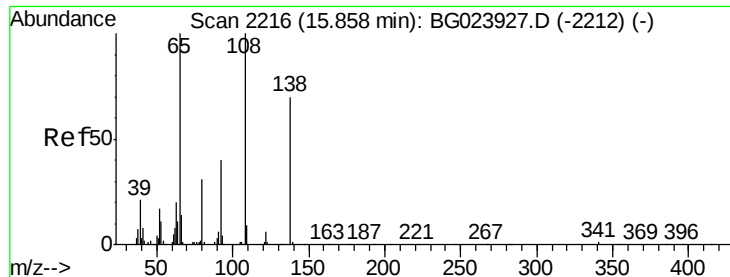


Abundance Ion 204.00 (203.70 to 204.70): E

Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E

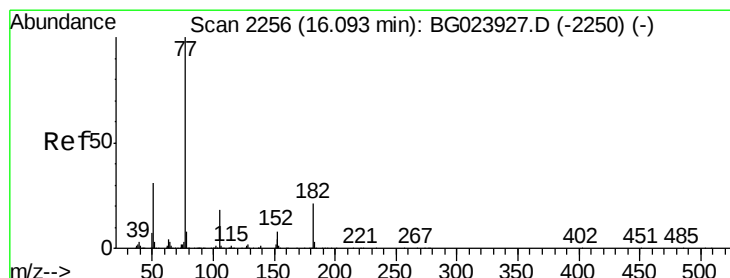
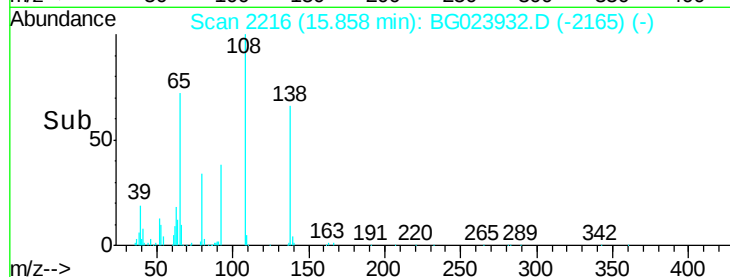
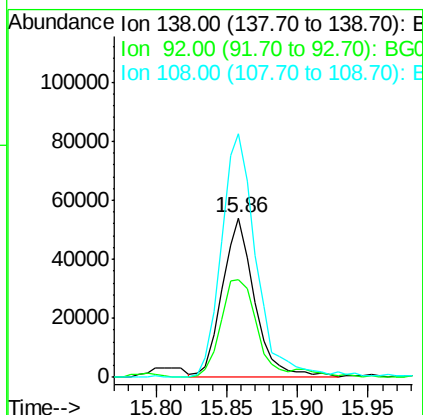
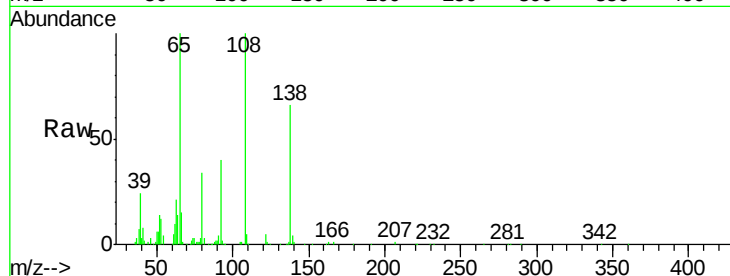




#61
4-Nitroaniline
Concen: 40.68 ng
RT: 15.86 min Scan# 2216
Delta R.T. 0.00 min
Lab File: BG023932.D
Acq: 31 Aug 2016 19:57

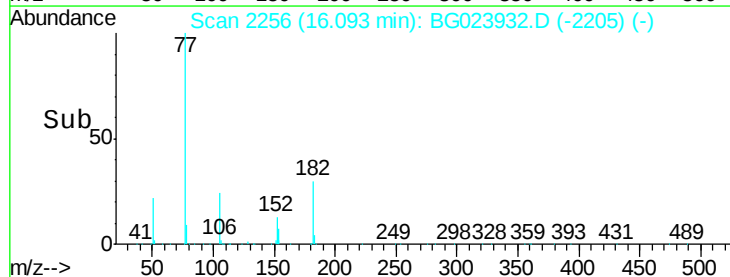
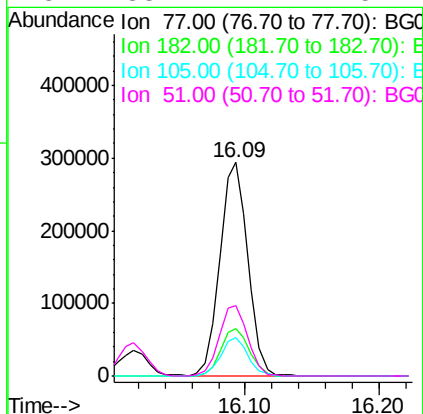
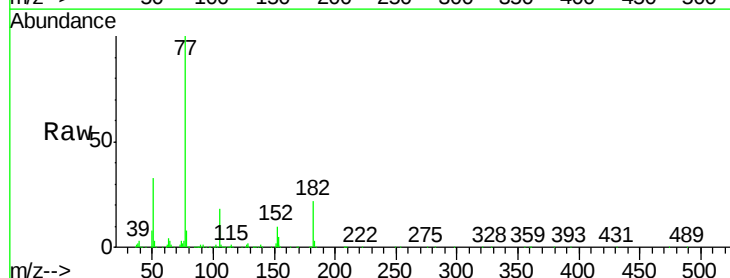
Instrument :
BNA_G
ClientSampleId :
ICVBG083116

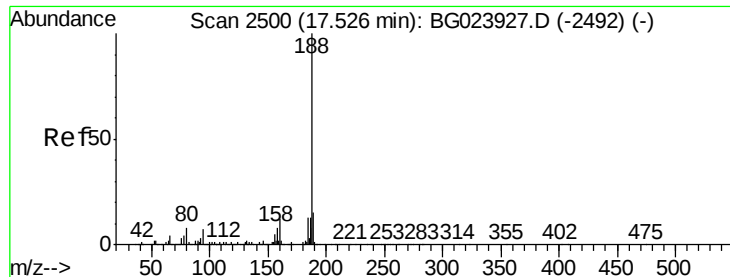
Tgt Ion: 138 Resp: 85478
Ion Ratio Lower Upper
138 100
92 61.3 54.1 94.1
108 152.5 133.9 173.9



#62
Azobenzene
Concen: 39.57 ng
RT: 16.09 min Scan# 2256
Delta R.T. 0.00 min
Lab File: BG023932.D
Acq: 31 Aug 2016 19:57

Tgt Ion: 77 Resp: 430675
Ion Ratio Lower Upper
77 100
182 22.4 3.5 43.5
105 18.0 0.0 38.5
51 33.1 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.52 min Scan# 2499

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

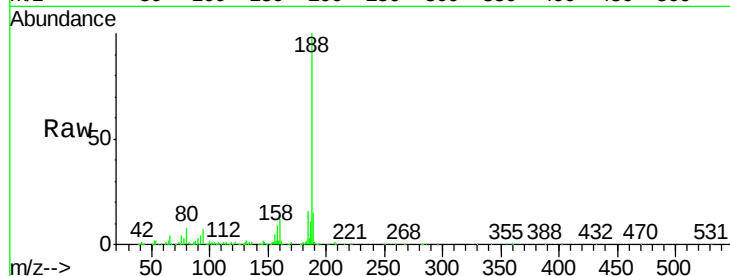
Tgt Ion:188 Resp: 330245

Ion Ratio Lower Upper

188 100

94 6.5 5.2 7.8

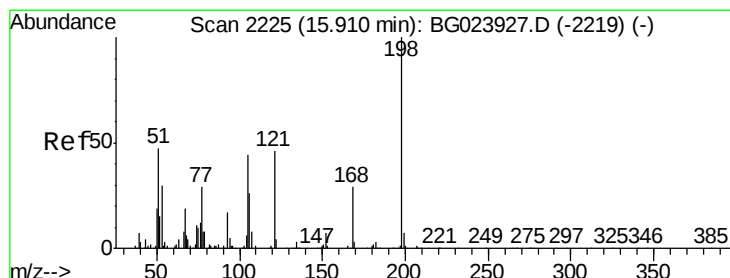
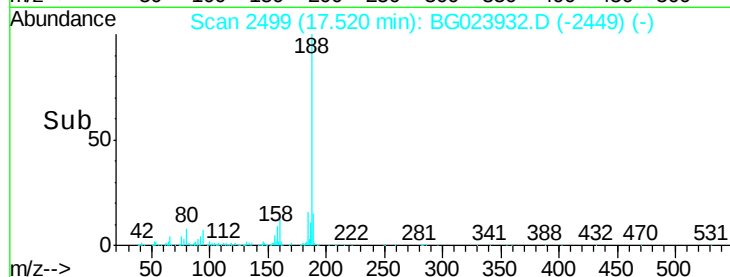
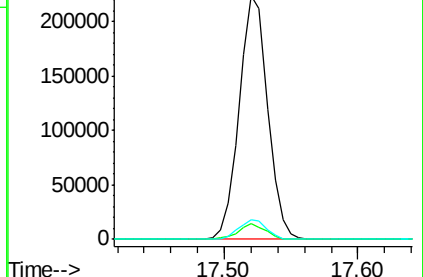
80 8.3 7.2 10.8



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



#64

4,6-Dinitro-2-methylphenol

Concen: 40.32 ng

RT: 15.90 min Scan# 2224

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

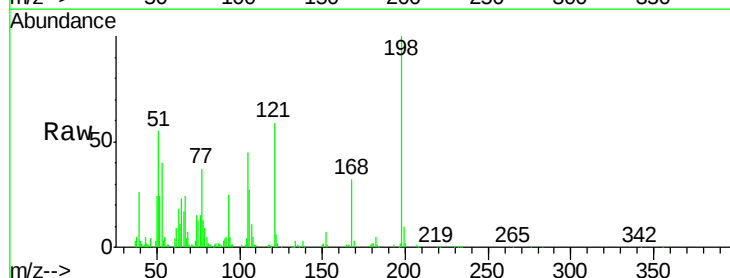
Tgt Ion:198 Resp: 92451

Ion Ratio Lower Upper

198 100

51 54.8 26.0 66.0

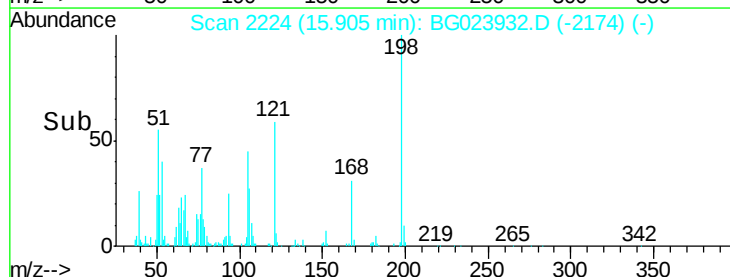
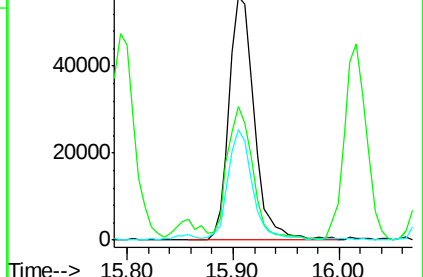
105 45.2 20.1 60.1

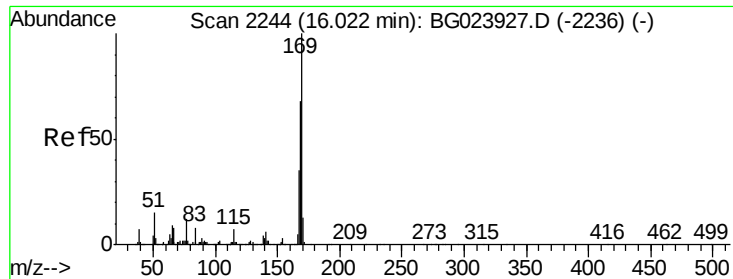


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BGC

Ion 105.00 (104.70 to 105.70): E





#65

n-Nitrosodiphenylamine

Concen: 40.23 ng

RT: 16.02 min Scan# 2243

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

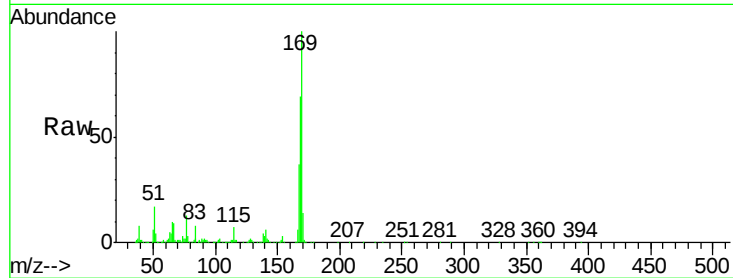
Tgt Ion:169 Resp: 377402

Ion Ratio Lower Upper

169 100

168 69.2 55.0 82.4

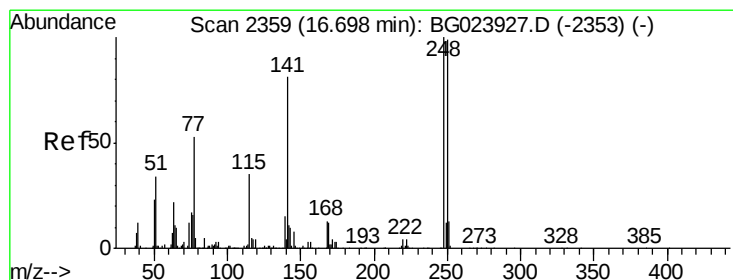
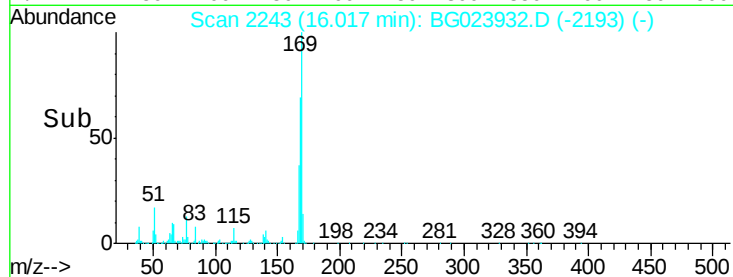
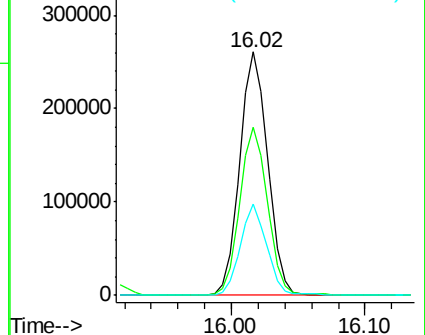
167 37.4 27.4 41.0



Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E



#66

4-Bromophenyl-phenylether

Concen: 41.27 ng

RT: 16.70 min Scan# 2359

Delta R.T. 0.00 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

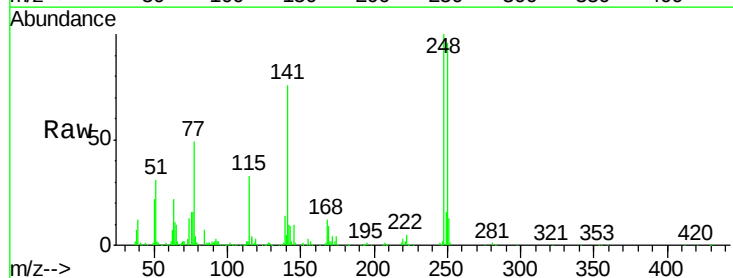
Tgt Ion:248 Resp: 165833

Ion Ratio Lower Upper

248 100

250 95.8 77.8 116.8

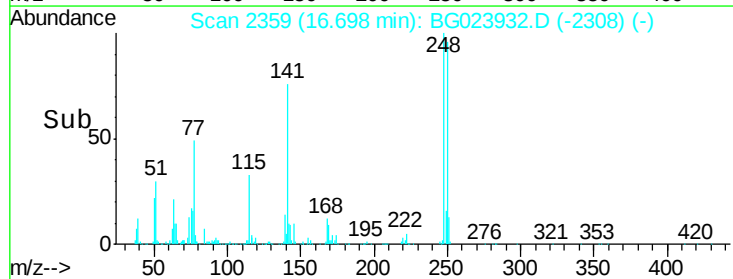
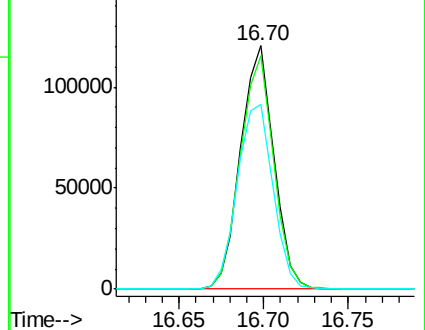
141 76.0 65.7 98.5

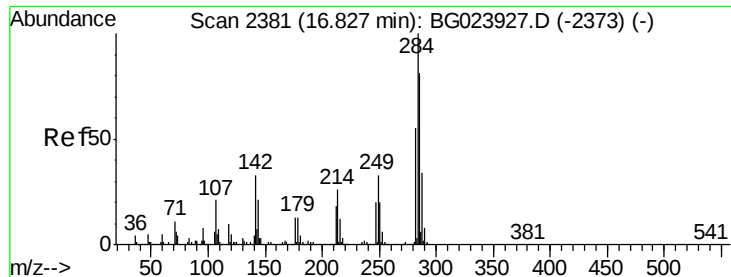


Abundance Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E





#67

Hexachlorobenzene

Concen: 40.20 ng

RT: 16.82 min Scan# 2380

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

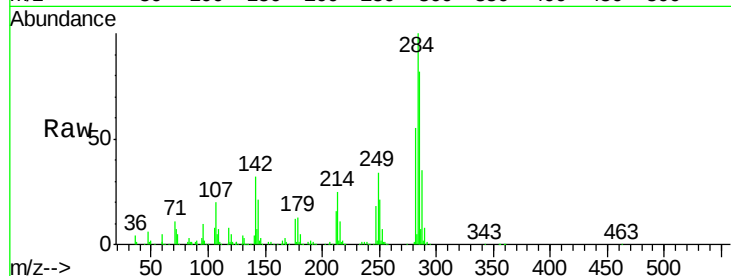
Tgt Ion:284 Resp: 189442

Ion Ratio Lower Upper

284 100

142 32.2 26.8 40.2

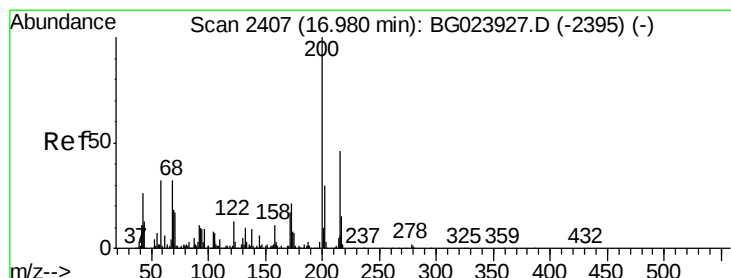
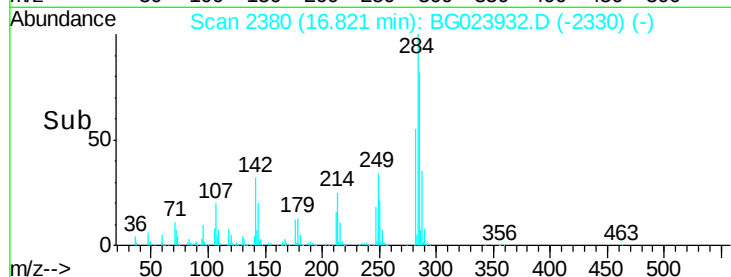
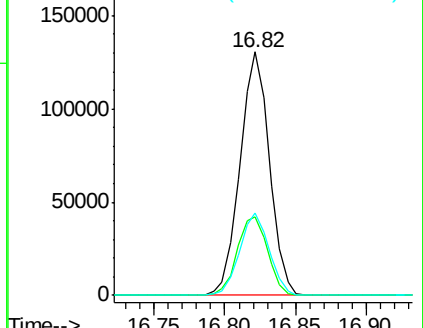
249 33.6 28.9 43.3



Abundance Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E



#68

Atrazine

Concen: 40.85 ng

RT: 16.97 min Scan# 2406

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

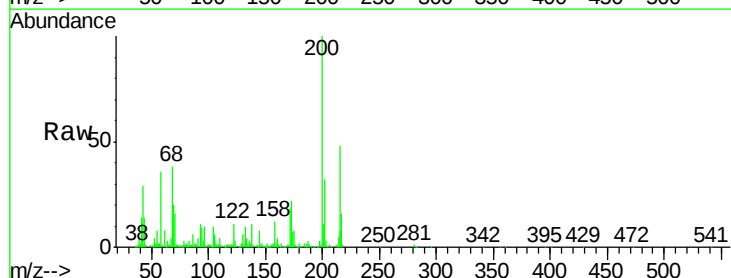
Tgt Ion:200 Resp: 164868

Ion Ratio Lower Upper

200 100

173 21.6 1.6 41.6

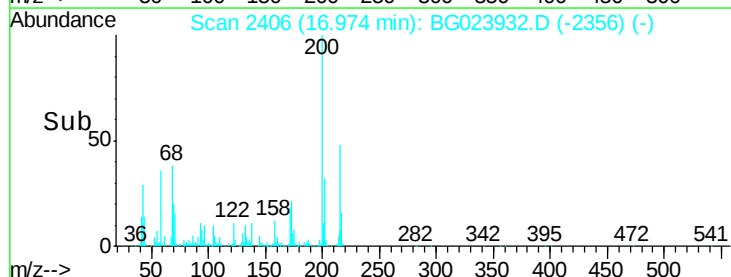
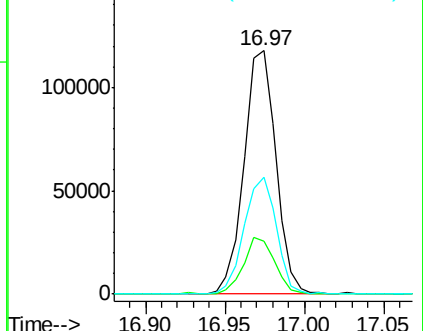
215 48.3 28.7 68.7

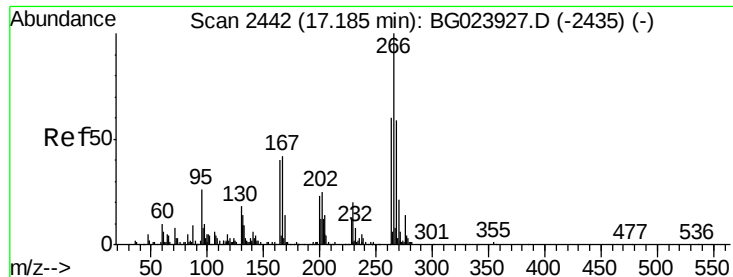


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E





#69

Pentachlorophenol

Concen: 40.39 ng

RT: 17.18 min Scan# 2441

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

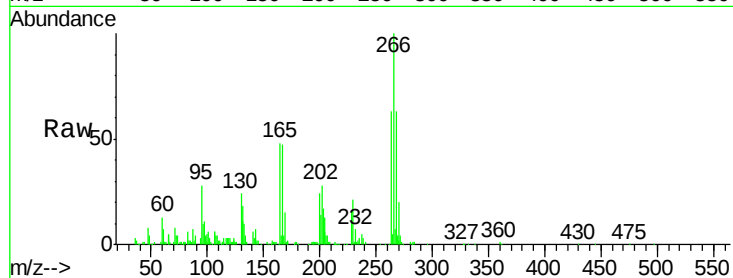
Tgt Ion:266 Resp: 101086

Ion Ratio Lower Upper

266 100

268 63.3 51.9 77.9

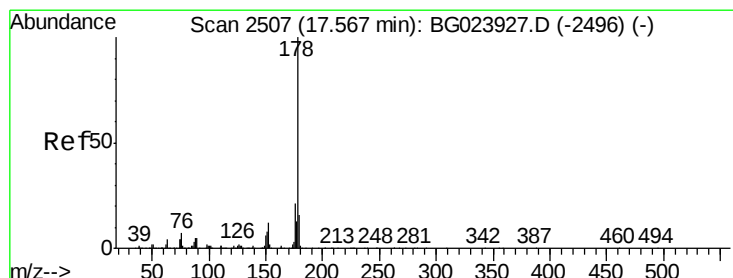
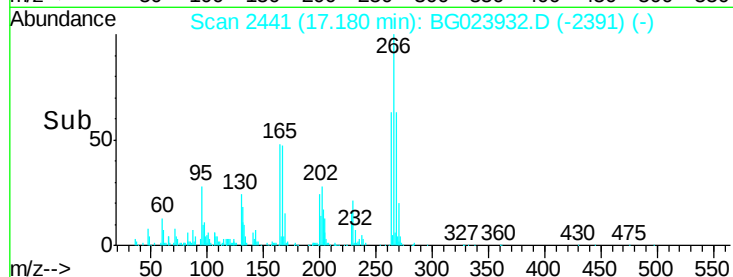
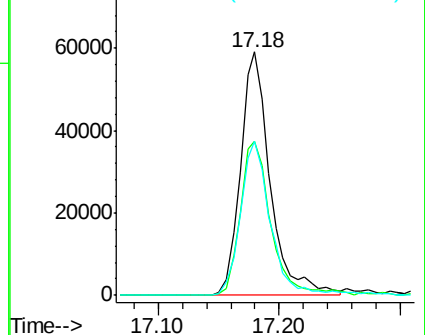
264 63.3 50.6 75.8



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



#70

Phenanthrene

Concen: 39.66 ng

RT: 17.56 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

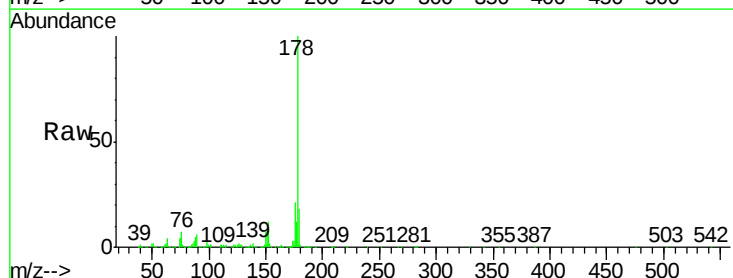
Tgt Ion:178 Resp: 681285

Ion Ratio Lower Upper

178 100

176 20.6 16.8 25.2

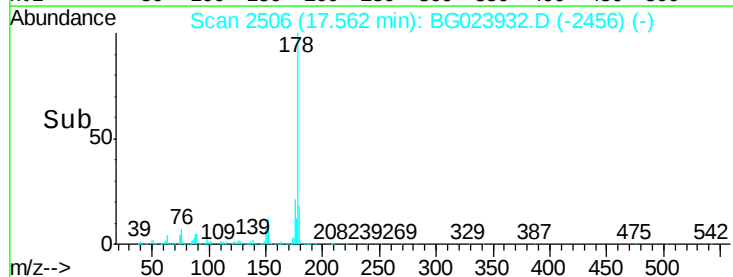
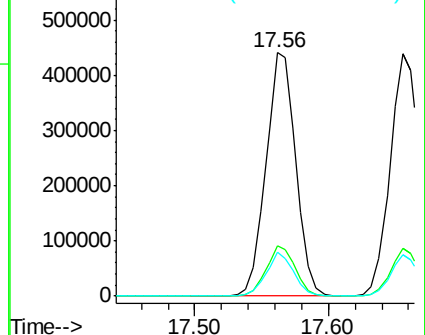
179 17.9 14.3 21.5

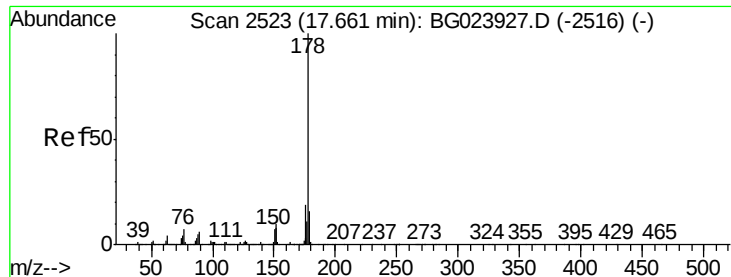


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

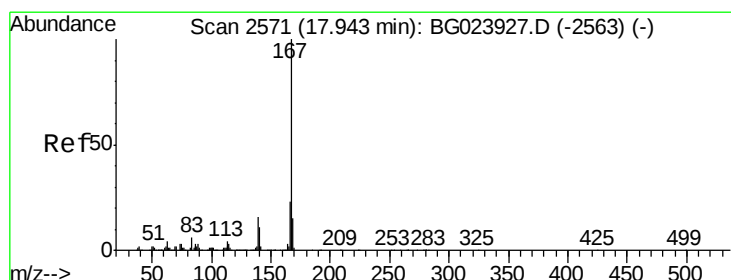
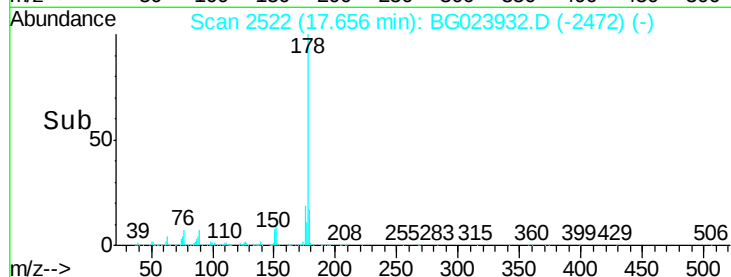
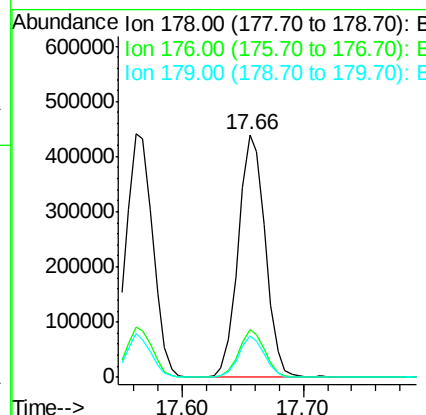
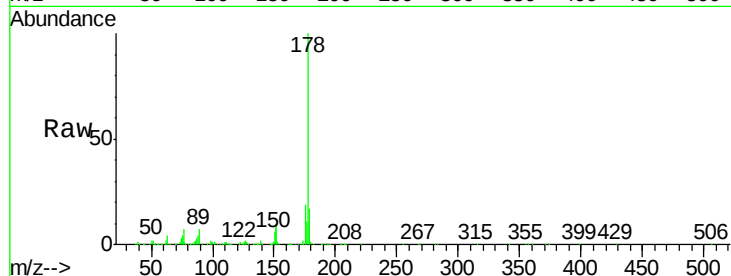




#71
 Anthracene
 Concen: 39.04 ng
 RT: 17.66 min Scan# 2522
 Delta R.T. -0.01 min
 Lab File: BG023932.D
 Acq: 31 Aug 2016 19:57

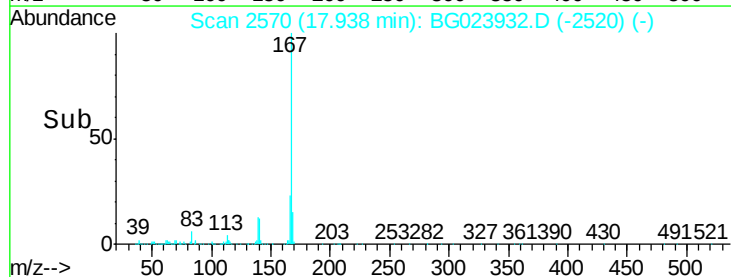
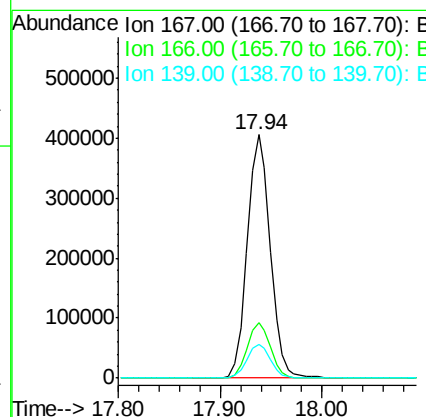
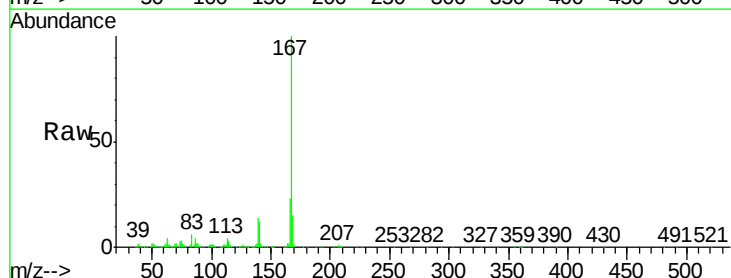
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG083116

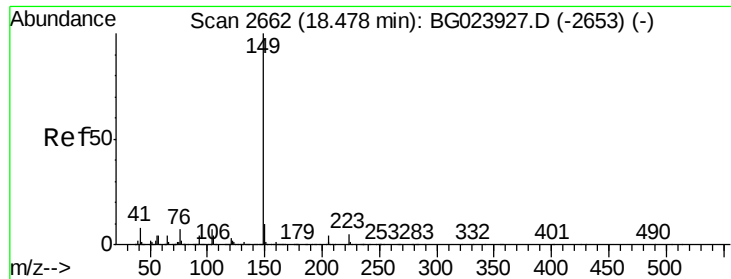
Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.4	17.3	25.9
179	16.9	14.0	21.0



#72
 Carbazole
 Concen: 40.03 ng
 RT: 17.94 min Scan# 2570
 Delta R.T. -0.01 min
 Lab File: BG023932.D
 Acq: 31 Aug 2016 19:57

Tgt Ion	Ratio	Lower	Upper
167	100		
166	23.0	20.7	31.1
139	14.0	11.9	17.9





#73

Di-n-butylphthalate

Concen: 39.90 ng

RT: 18.47 min Scan# 2661

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

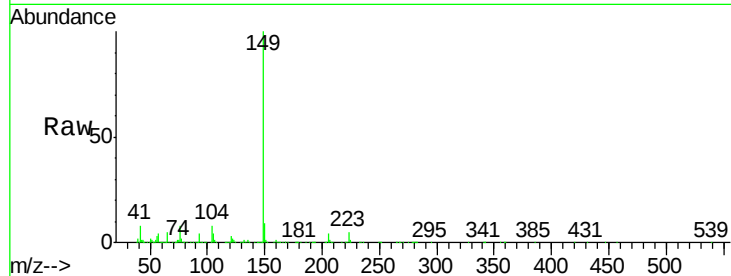
Tgt Ion:149 Resp: 756939

Ion Ratio Lower Upper

149 100

150 9.5 9.1 13.7

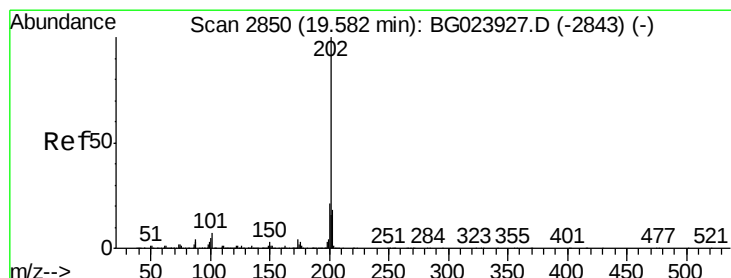
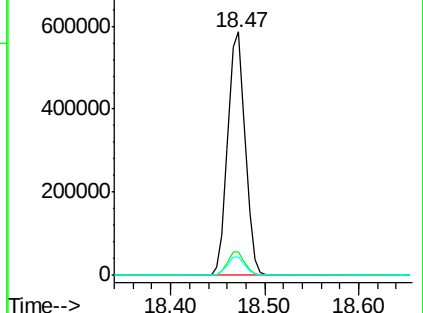
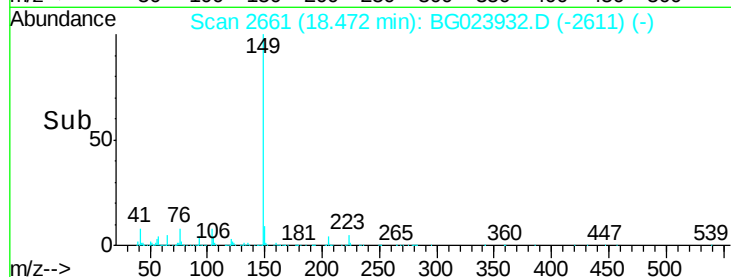
104 7.6 6.9 10.3



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E



#74

Fluoranthene

Concen: 40.51 ng

RT: 19.58 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

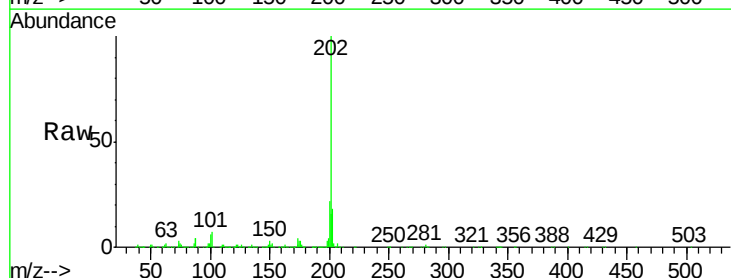
Tgt Ion:202 Resp: 837998

Ion Ratio Lower Upper

202 100

101 6.8 0.0 27.4

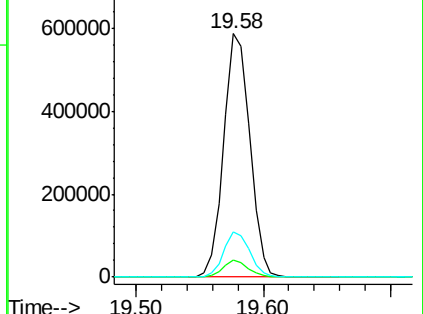
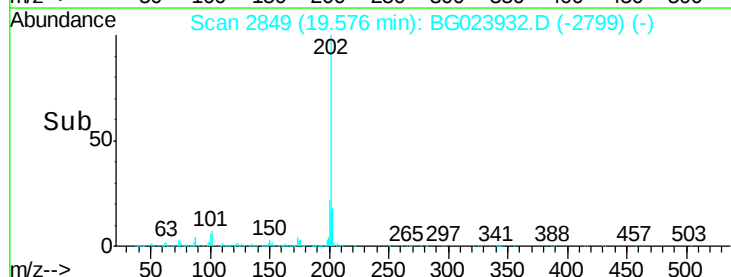
203 18.5 1.7 41.7

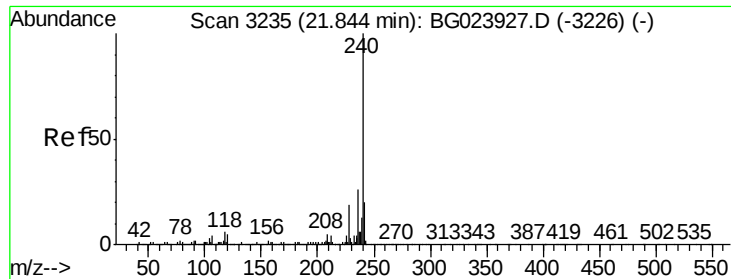


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E

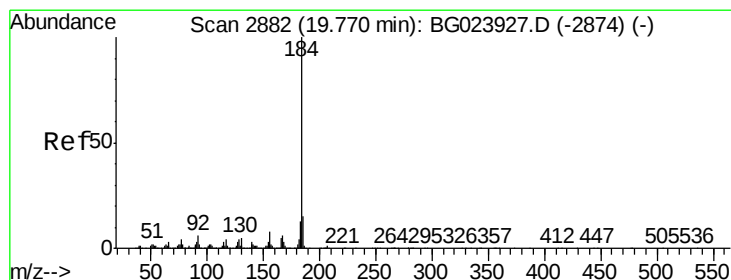
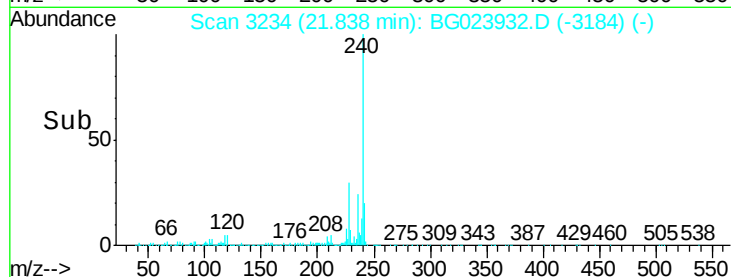
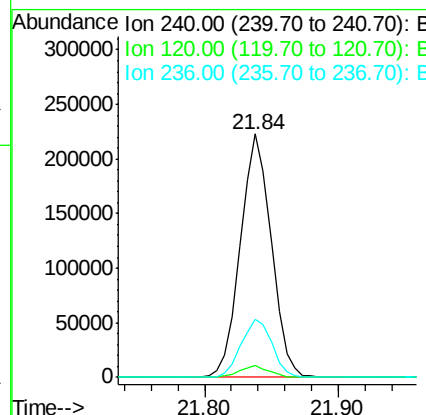
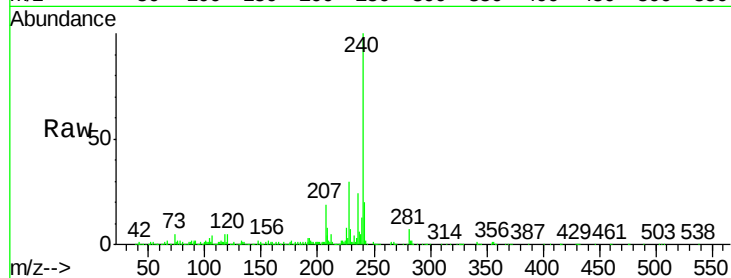




#75
 Chrysene-d12
 Concen: 20.00 ng
 RT: 21.84 min Scan# 3234
 Delta R.T. -0.01 min
 Lab File: BG023932.D
 Acq: 31 Aug 2016 19:57

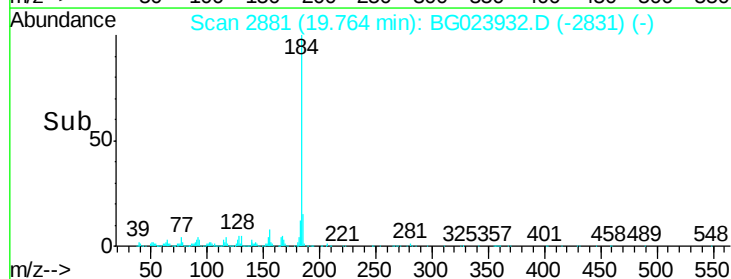
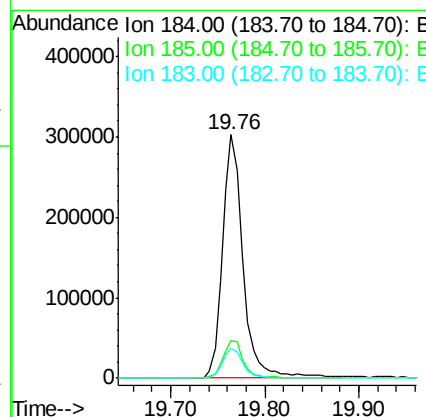
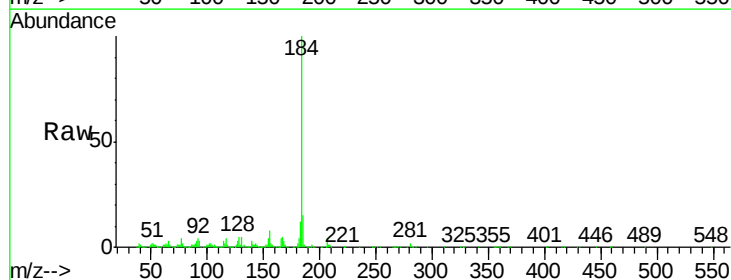
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG083116

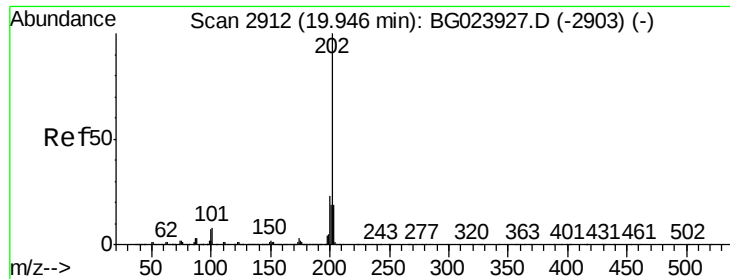
Tgt Ion: 240 Resp: 356258
 Ion Ratio Lower Upper
 240 100
 120 4.8 4.1 6.1
 236 24.0 21.1 31.7



#76
 Benzidine
 Concen: 41.85 ng
 RT: 19.76 min Scan# 2881
 Delta R.T. -0.01 min
 Lab File: BG023932.D
 Acq: 31 Aug 2016 19:57

Tgt Ion: 184 Resp: 461723
 Ion Ratio Lower Upper
 184 100
 185 15.2 12.6 19.0
 183 12.5 10.7 16.1





#77

Pyrene

Concen: 38.63 ng

RT: 19.94 min Scan# 2911

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

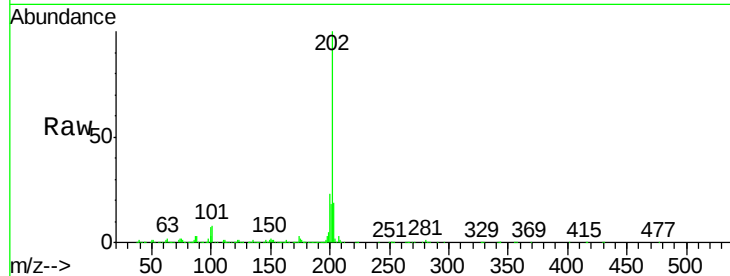
Tgt Ion:202 Resp: 846409

Ion Ratio Lower Upper

202 100

200 23.1 21.2 31.8

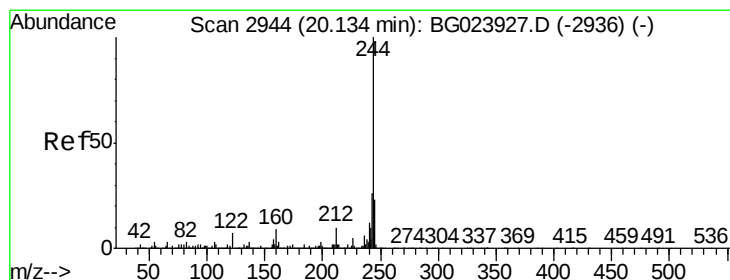
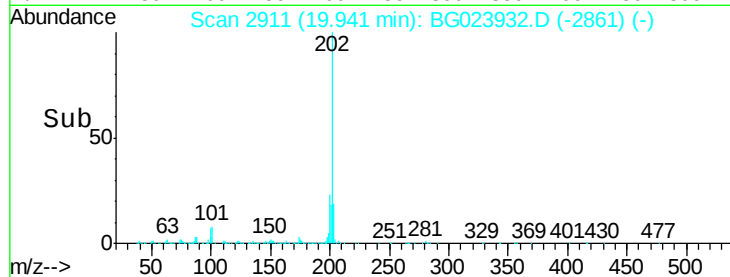
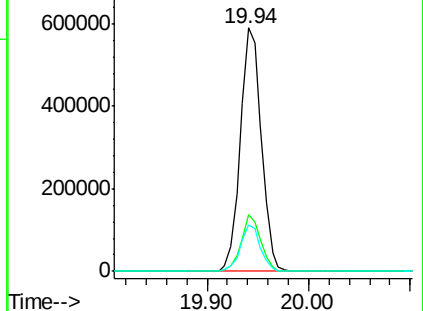
203 19.1 16.8 25.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E



#78

Terphenyl-d14

Concen: 80.20 ng

RT: 20.13 min Scan# 2943

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

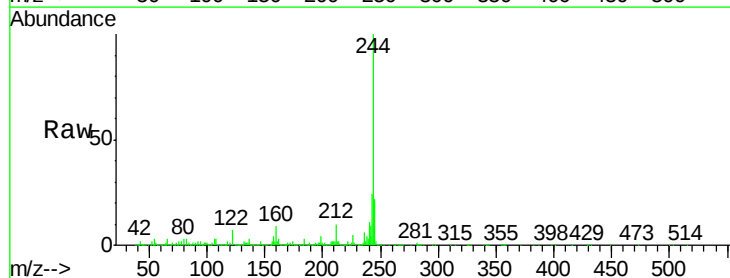
Tgt Ion:244 Resp: 1254530

Ion Ratio Lower Upper

244 100

212 9.8 10.8 16.2#

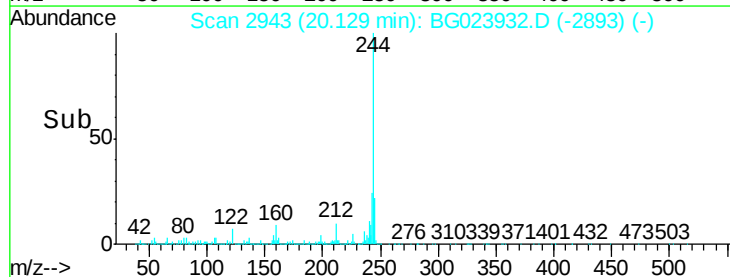
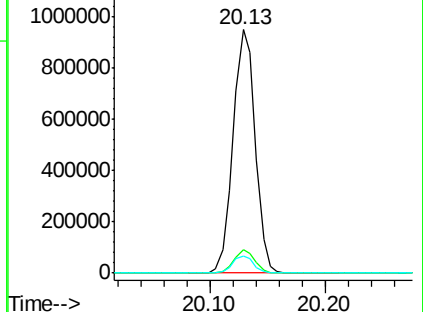
122 7.1 8.0 12.0#

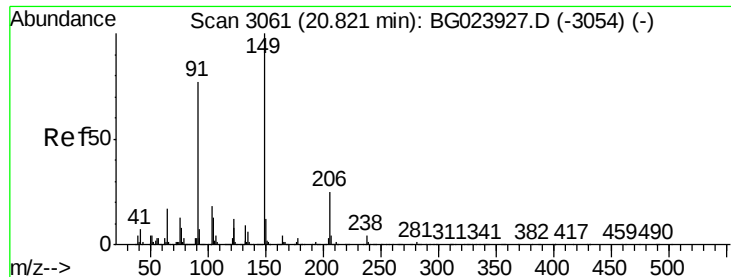


Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E





#79

Butylbenzylphthalate

Concen: 38.61 ng

RT: 20.82 min Scan# 3060

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

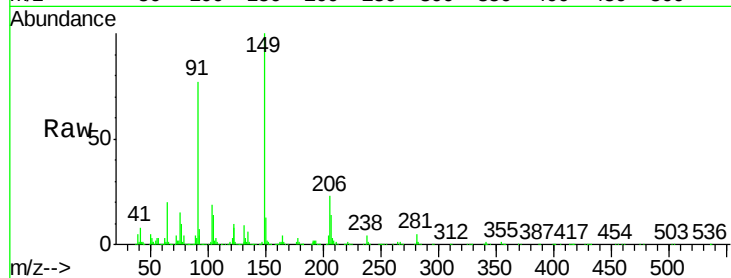
Tgt Ion:149 Resp: 326111

Ion Ratio Lower Upper

149 100

91 77.2 68.1 102.1

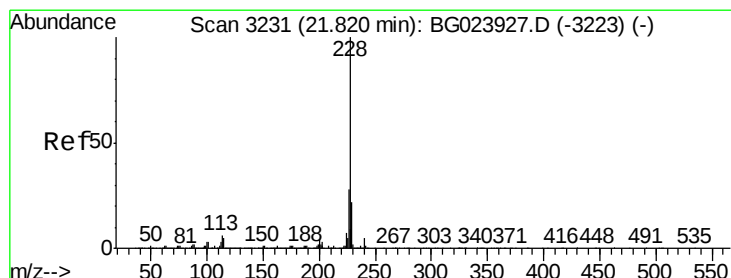
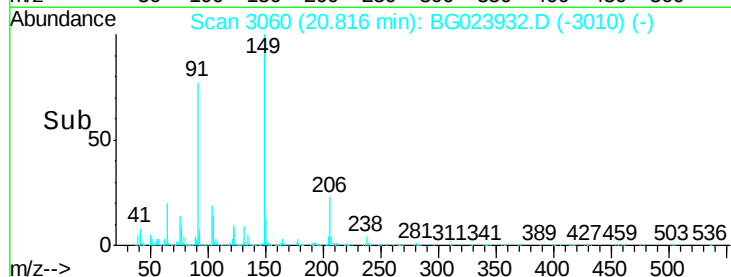
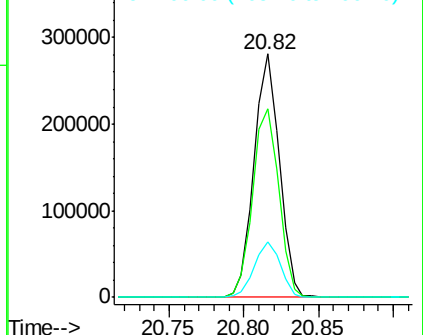
206 23.0 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG023932.D (-3060) (-)

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 38.94 ng

RT: 21.81 min Scan# 3230

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

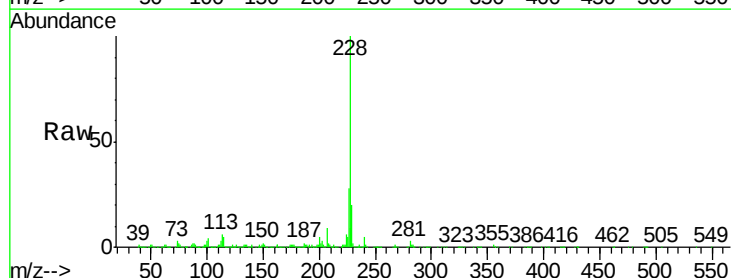
Tgt Ion:228 Resp: 776603

Ion Ratio Lower Upper

228 100

226 28.3 25.3 37.9

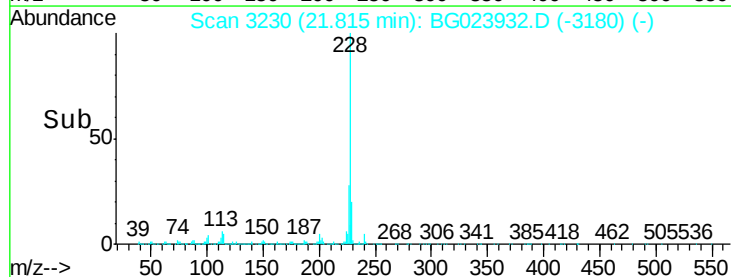
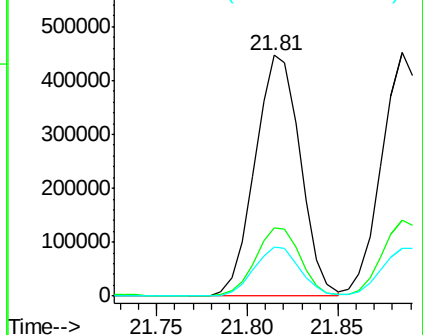
229 20.3 19.9 29.9

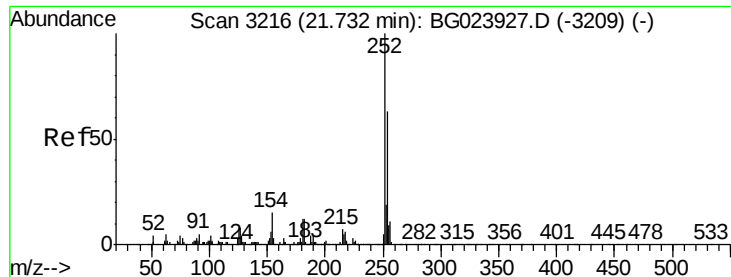


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

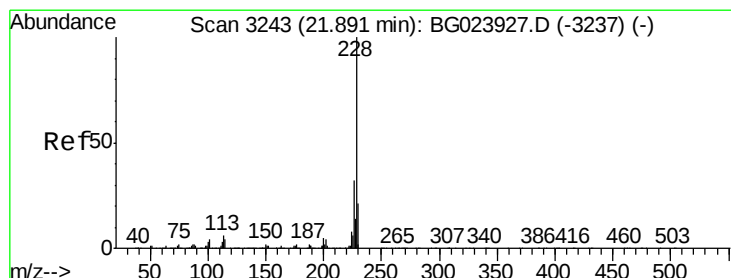
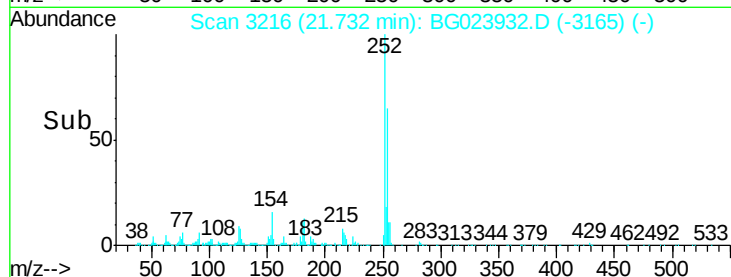
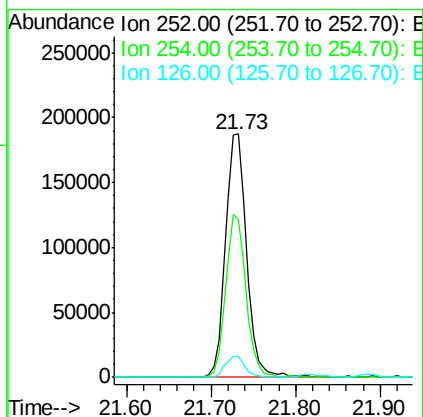
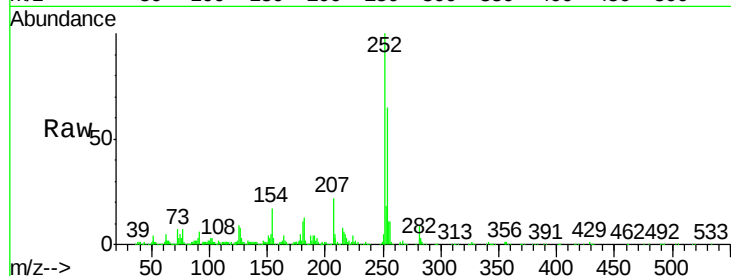




#81
 3,3'-Dichlorobenzidine
 Concen: 40.34 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. 0.00 min
 Lab File: BG023932.D
 Acq: 31 Aug 2016 19:57

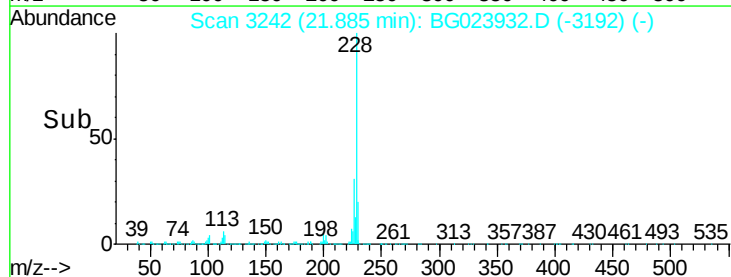
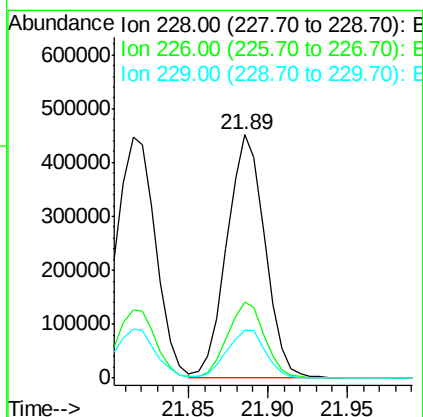
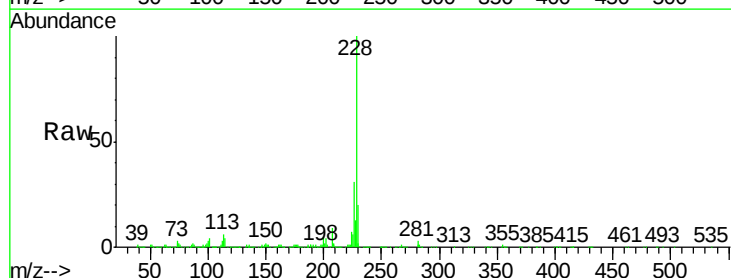
Instrument :
 BNA_G
 ClientSampleId :
 ICVBG083116

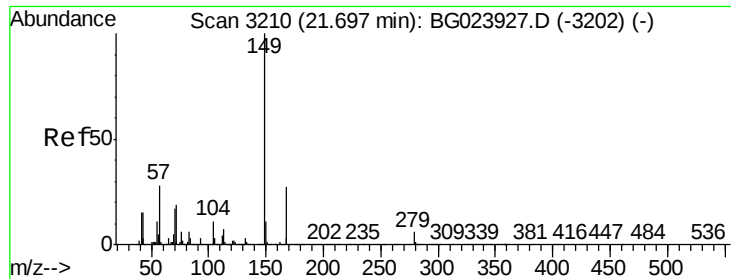
Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.2	76.8
126	8.6	5.3	7.9#



#82
 Chrysene
 Concen: 39.41 ng
 RT: 21.89 min Scan# 3242
 Delta R.T. -0.01 min
 Lab File: BG023932.D
 Acq: 31 Aug 2016 19:57

Tgt Ion	Ratio	Lower	Upper
228	100		
226	31.4	26.7	40.1
229	19.8	17.4	26.2





#83

Bis(2-ethylhexyl)phthalate

Concen: 37.18 ng

RT: 21.69 min Scan# 3209

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

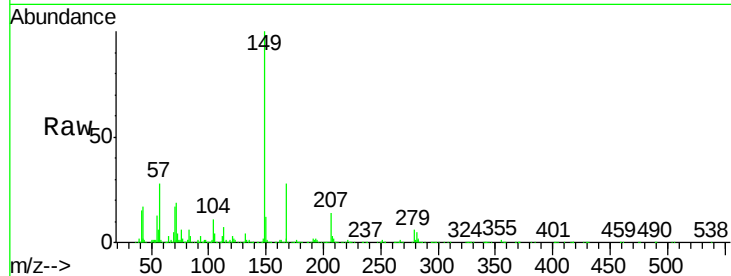
Tgt Ion:149 Resp: 429997

Ion Ratio Lower Upper

149 100

167 28.3 24.0 36.0

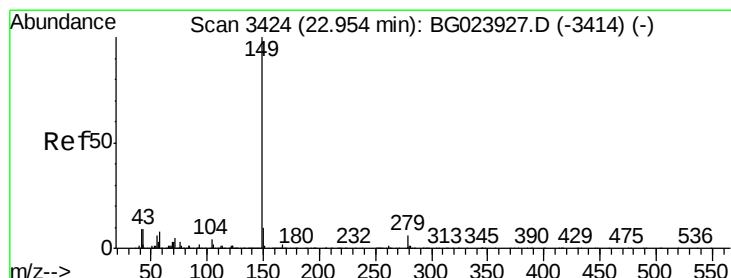
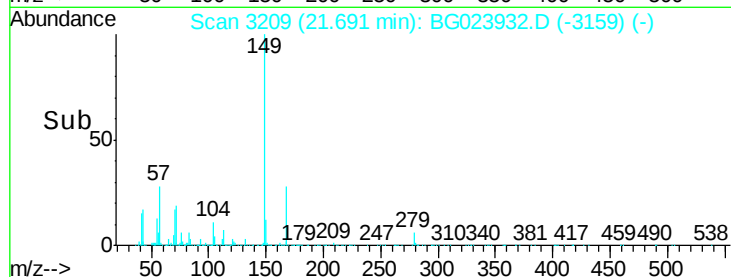
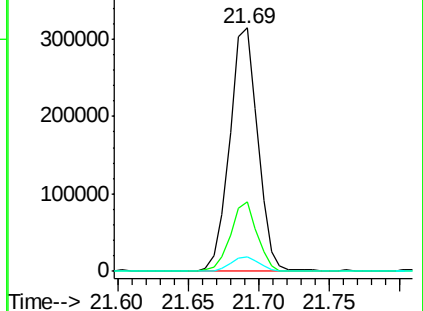
279 6.0 4.8 7.2



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



#84

Di-n-octyl phthalate

Concen: 38.82 ng

RT: 22.95 min Scan# 3423

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

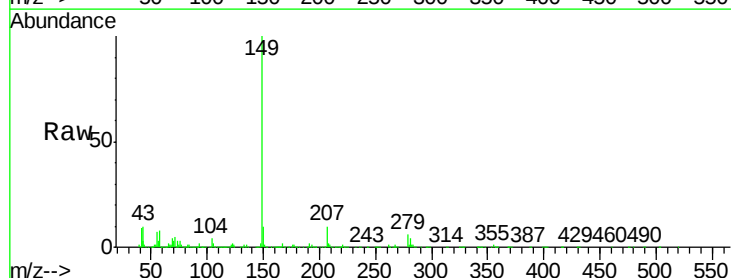
Tgt Ion:149 Resp: 736251

Ion Ratio Lower Upper

149 100

167 1.6 1.5 2.3

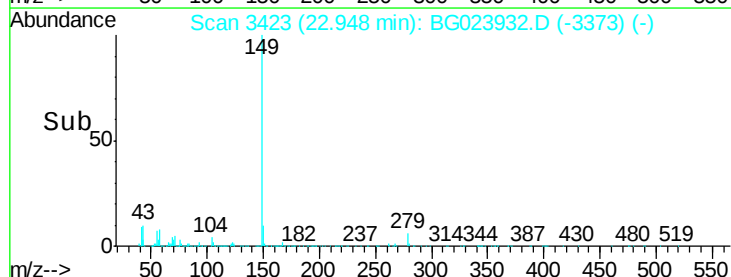
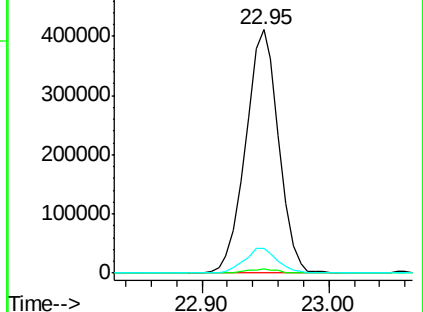
43 10.3 8.8 13.2

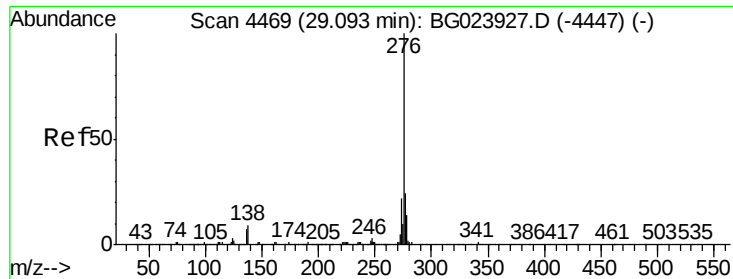


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG





#85

Indeno(1,2,3-cd)pyrene

Concen: 39.14 ng

RT: 29.09 min Scan# 4468

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

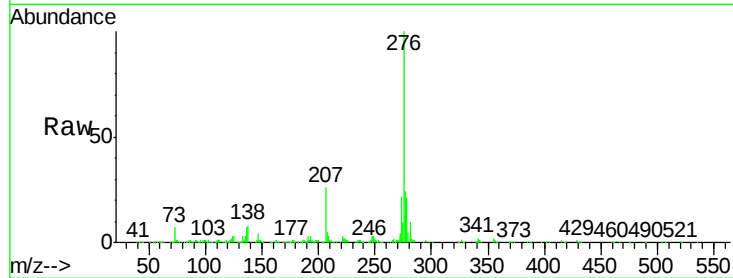
Tgt Ion:276 Resp: 822676

Ion Ratio Lower Upper

276 100

138 4.5 0.0 0.0#

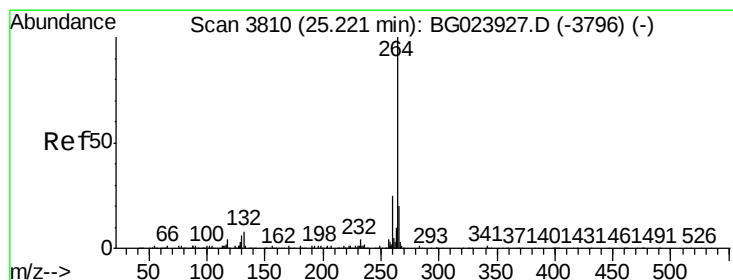
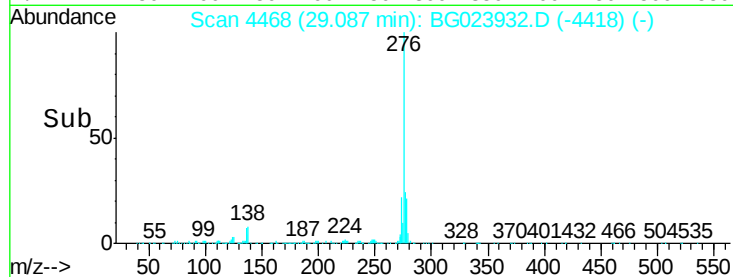
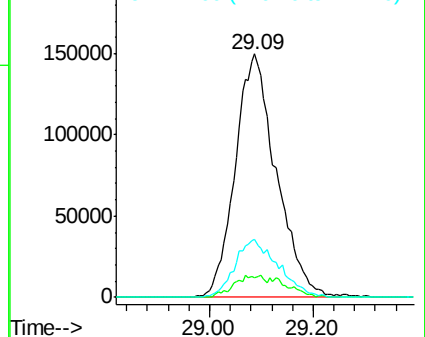
277 25.0 0.0 0.0#



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#86

Perylene-d12

Concen: 20.00 ng

RT: 25.21 min Scan# 3808

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

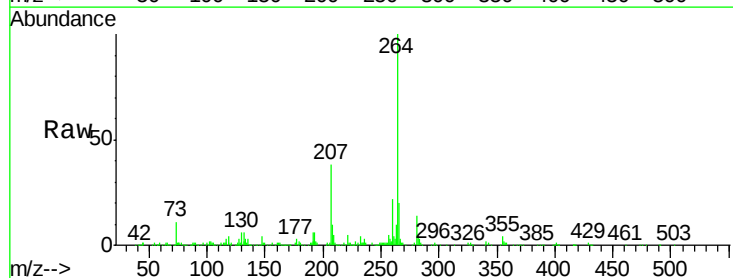
Tgt Ion:264 Resp: 338339

Ion Ratio Lower Upper

264 100

260 22.5 18.4 27.6

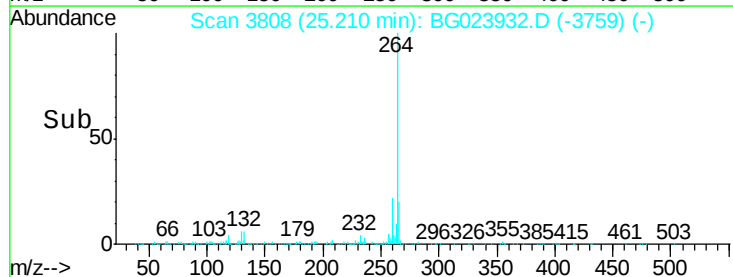
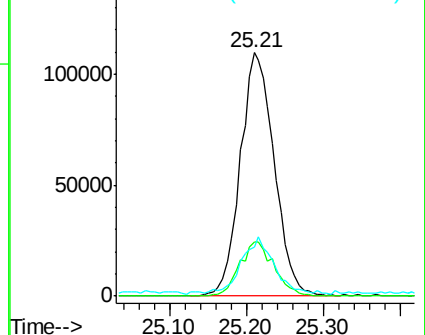
265 20.4 18.9 28.3

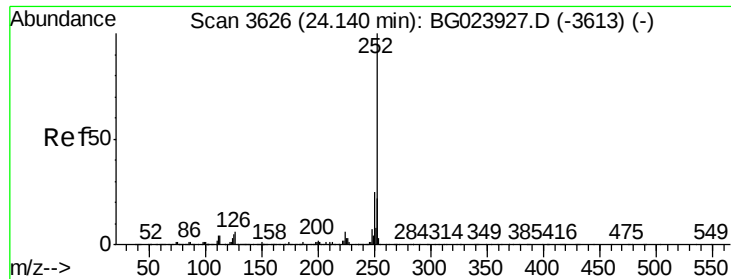


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#87

Benzo(b)fluoranthene

Concen: 40.34 ng

RT: 24.14 min Scan# 3625

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

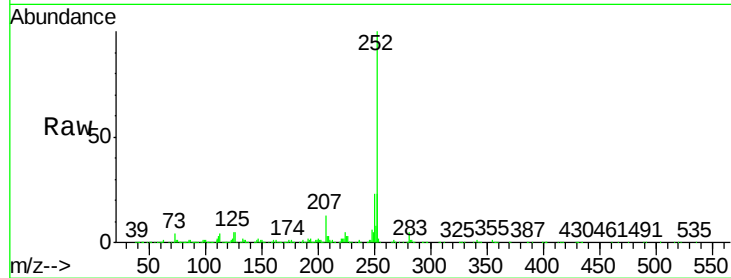
Tgt Ion:252 Resp: 775314

Ion Ratio Lower Upper

252 100

253 23.1 18.9 28.3

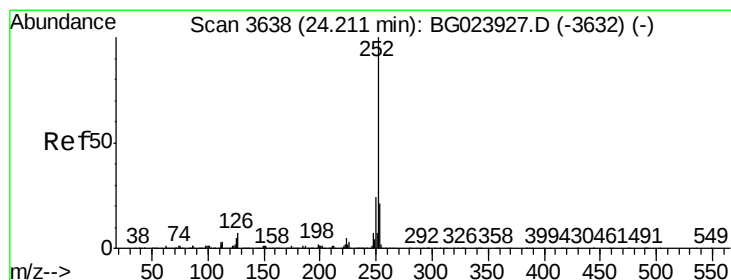
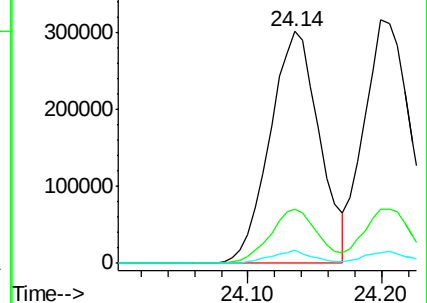
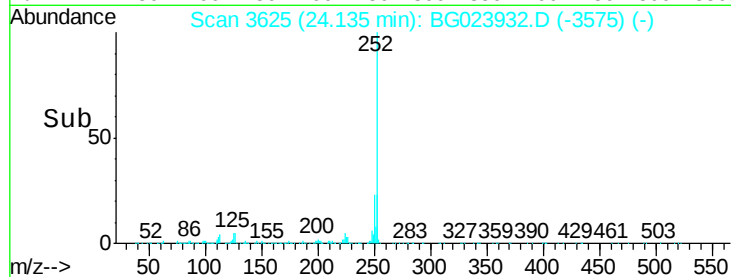
125 5.5 3.9 5.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#88

Benzo(k)fluoranthene

Concen: 39.79 ng

RT: 24.20 min Scan# 3636

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

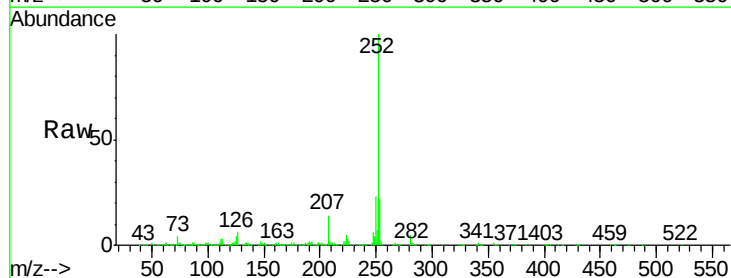
Tgt Ion:252 Resp: 758393

Ion Ratio Lower Upper

252 100

253 22.3 18.8 28.2

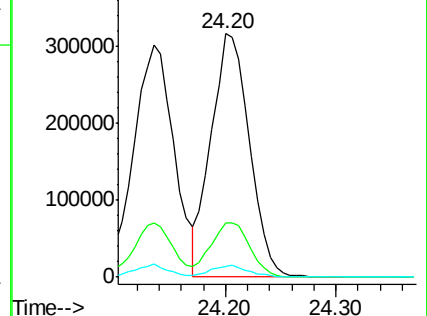
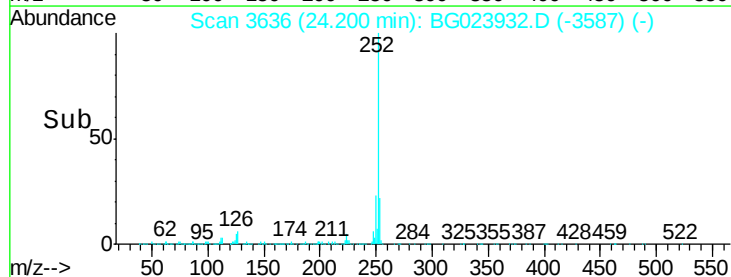
125 4.5 3.2 4.8

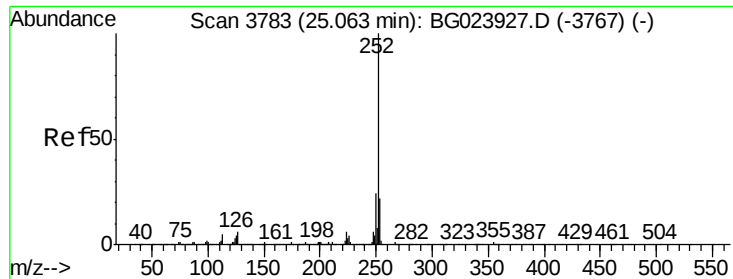


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(a)pyrene

Concen: 39.78 ng

RT: 25.05 min Scan# 3781

Delta R.T. -0.01 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

Instrument :

BNA_G

ClientSampleId :

ICVBG083116

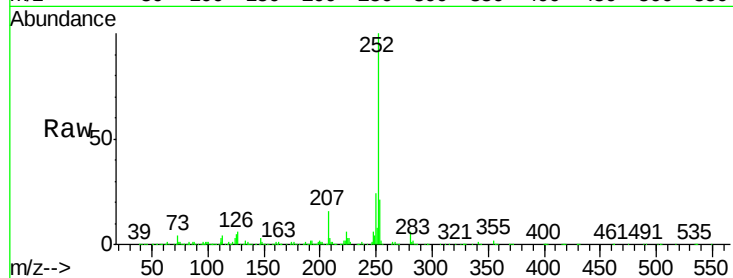
Tgt Ion:252 Resp: 726089

Ion Ratio Lower Upper

252 100

253 20.9 18.7 28.1

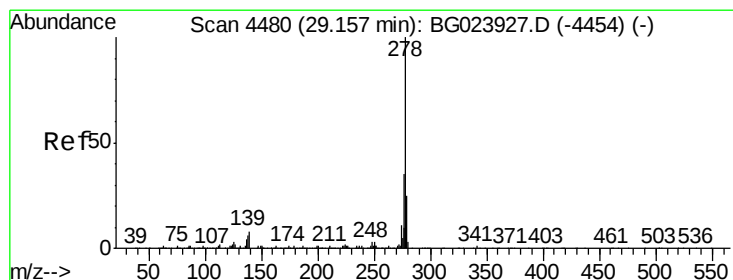
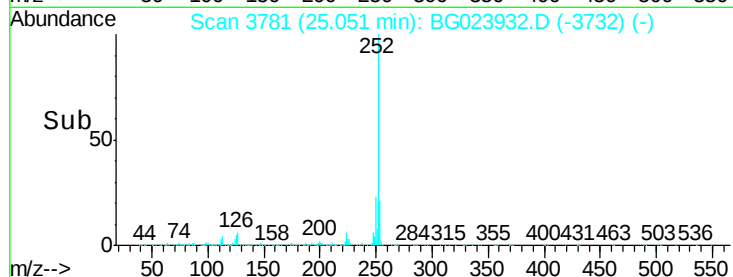
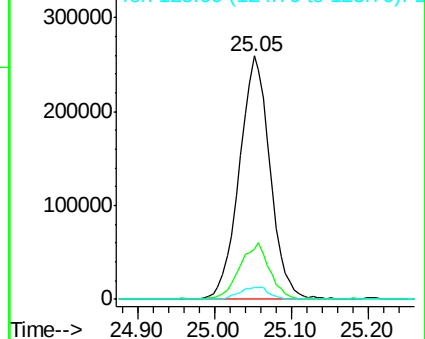
125 4.9 3.9 5.9



Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Dibenzo(a,h)anthracene

Concen: 39.67 ng

RT: 29.14 min Scan# 4477

Delta R.T. -0.02 min

Lab File: BG023932.D

Acq: 31 Aug 2016 19:57

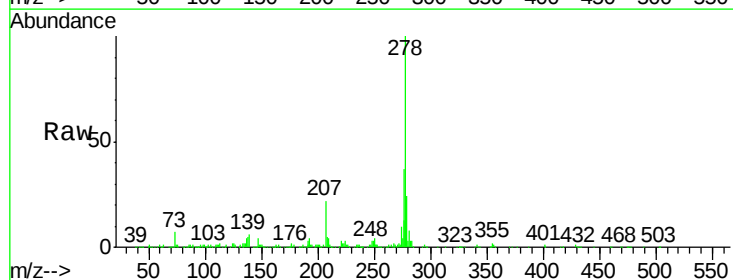
Tgt Ion:278 Resp: 712070

Ion Ratio Lower Upper

278 100

139 6.2 4.7 7.1

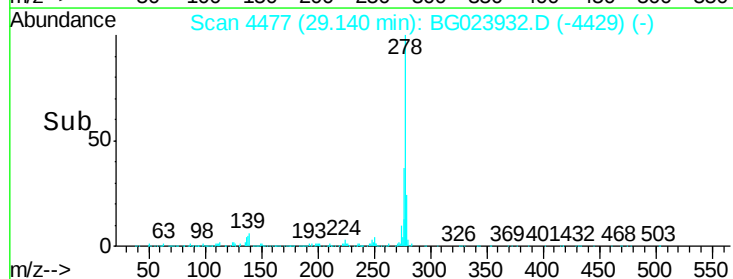
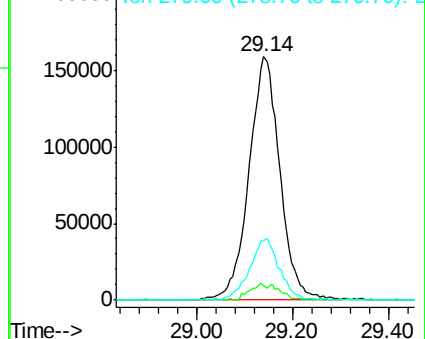
279 24.3 18.3 27.5

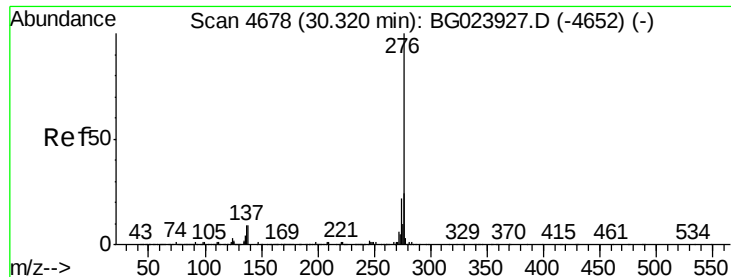


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E

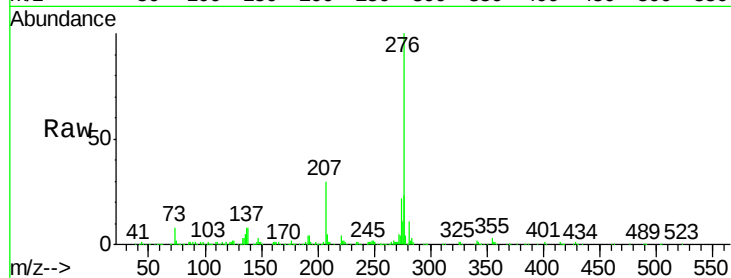




#91
 Benzo(g,h,i)perylene
 Concen: 39.77 ng
 RT: 30.30 min Scan# 4675
 Delta R.T. -0.02 min
 Lab File: BG023932.D
 Acq: 31 Aug 2016 19:57

Instrument :
 BNA_G
 ClientSampleId :
 ICVBG083116

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.5	18.6	27.8
138	7.9	6.8	10.2



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

