

Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
 Data File : BG022944.D
 Acq On : 9 Jul 2016 00:05
 Operator : UM/SJ
 Sample : H3884-02MSD
 Misc :
 ALS Vial : 42 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-19AMSD

Quant Time: Jul 11 04:06:05 2016
 Quant Method : Z:\HPCHEM1\BNA G\METHODS\8270-BG070816.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.16	152	105651	20.00	ng	0.00
21) Naphthalene-d8	10.98	136	514622	20.00	ng	0.00
38) Acenaphthene-d10	14.80	164	398125	20.00	ng	0.00
63) Phenanthrene-d10	17.56	188	968267	20.00	ng	0.00
75) Chrysene-d12	21.85	240	1029792	20.00	ng	0.00
86) Perylene-d12	25.20	264	1037107	20.00	ng	0.02

System Monitoring Compounds

5) 2-Fluorophenol	5.70	112	854416	132.27	ng	0.00
7) Phenol-d6	7.31	99	1354827	133.91	ng	0.00
23) Nitrobenzene-d5	9.33	82	940118	78.22	ng	0.00
41) 2,4,6-Tribromophenol	16.29	330	753624	105.32	ng	0.00
44) 2-Fluorobiphenyl	13.41	172	1717134	67.94	ng	0.00
78) Terphenyl-d14	20.15	244	2570565	76.06	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.57	88	82305	32.78	ng	# 91
3) Pyridine	3.97	79	203846	23.72	ng	90
4) n-Nitrosodimethylamine	3.88	42	113604	30.82	ng	# 94
6) Aniline	7.47	93	257544	18.37	ng	93
8) 2-Chlorophenol	7.72	128	248652	36.17	ng	97
9) Benzaldehyde	7.29	77	218339	32.30	ng	98
10) Phenol	7.34	94	416678	40.03	ng	87
11) bis(2-Chloroethyl)ether	7.56	93	269008	32.60	ng	97
12) 1,3-Dichlorobenzene	8.04	146	254953	30.30	ng	98
13) 1,4-Dichlorobenzene	8.19	146	260508	30.92	ng	96
14) 1,2-Dichlorobenzene	8.51	146	266878	31.87	ng	96
15) Benzyl Alcohol	8.39	79	334168	36.06	ng	95
16) 2,2'-oxybis(1-Chloropropan	8.68	45	325388	32.28	ng	95
17) 2-Methylphenol	8.60	107	252848	37.31	ng	94
18) Hexachloroethane	9.25	117	102517	28.83	ng	# 83
19) n-Nitroso-di-n-propylamine	8.95	70	278141	30.50	ng	92
20) 3+4-Methylphenols	8.93	107	344202	36.42	ng	95
22) Acetophenone	8.98	105	457826	29.64	ng	# 93
24) Nitrobenzene	9.37	77	407392	31.90	ng	94
25) Isophorone	9.89	82	732996	30.32	ng	96
26) 2-Nitrophenol	10.08	139	164651	32.86	ng	90
27) 2,4-Dimethylphenol	10.14	122	278978	32.21	ng	92
28) bis(2-Chloroethoxy)methane	10.37	93	417884	31.00	ng	# 96
29) 2,4-Dichlorophenol	10.62	162	319557	34.59	ng	96
30) 1,2,4-Trichlorobenzene	10.84	180	325554	30.75	ng	96
31) Naphthalene	11.03	128	812858	31.03	ng	99
32) Benzoic acid	10.24	122	91085	11.56	ng	# 88
33) 4-Chloroaniline	11.14	127	116851	9.12	ng	95
34) Hexachlorobutadiene	11.31	225	238856	27.83	ng	94
35) Caprolactam	11.92	113	106965m	28.14	ng	
36) 4-Chloro-3-methylphenol	12.26	107	405565	32.10	ng	99
37) 2-Methylnaphthalene	12.63	142	652323	31.51	ng	95
39) 1,2,4,5-Tetrachlorobenzene	12.99	216	442769	25.81	ng	99
40) Hexachlorocyclopentadiene	12.97	237	682232	69.07	ng	98

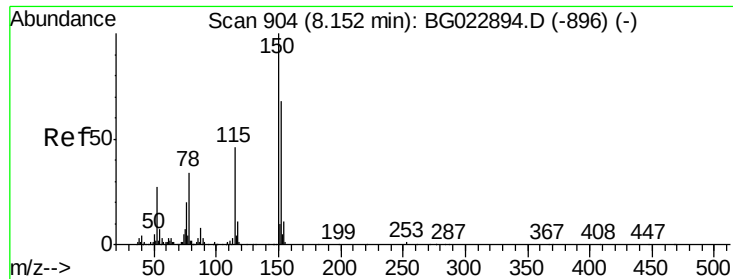
Data Path : V:\HPCHEM1\BNA G\DATA\BG070916\
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 Acq On : 9 Jul 2016 00:05
 Operator : UM/SJ
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jul 07 16:51:07 2016
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.23	196	312622	31.70	nq	94
43) 2,4,5-Trichlorophenol	13.31	196	342549	33.83	nq	95
45) 1,1'-Biphenyl	13.63	154	918186	30.74	nq	98
46) 2-Chloronaphthalene	13.68	162	749856	30.95	nq	96
47) 2-Nitroaniline	13.88	65	312994	30.27	nq	96
48) Acenaphthylene	14.52	152	1146042	31.53	nq	98
49) Dimethylphthalate	14.24	163	1415515	43.53	nq	98
50) 2,6-Dinitrotoluene	14.37	165	234375	32.07	nq	90
51) Acenaphthene	14.86	154	750106	31.58	nq	98
52) 3-Nitroaniline	14.70	138	137661	18.89	nq	95
53) 2,4-Dinitrophenol	14.91	184	250904	50.03	nq	98
54) Dibenzofuran	15.19	168	1193982	33.58	nq	99
55) 4-Nitrophenol	15.02	139	483714	79.18	nq	93
56) 2,4-Dinitrotoluene	15.16	165	347441	32.61	nq	90
57) Fluorene	15.85	166	976171	31.90	nq	99
58) 2,3,4,6-Tetrachlorophenol	15.42	232	343573	33.91	nq #	97
59) Diethylphthalate	15.60	149	1059809	32.03	nq	97
60) 4-Chlorophenyl-phenylether	15.84	204	570073	30.59	nq	97
61) 4-Nitroaniline	15.87	138	222132	28.17	nq	89
62) Azobenzene	16.13	77	1112255	35.14	nq	92
64) 4,6-Dinitro-2-methylphenol	15.92	198	207077	28.78	nq	97
65) n-Nitrosodiphenylamine	16.05	169	915369	32.81	nq	99
66) 4-Bromophenyl-phenylether	16.73	248	384330	30.51	nq	92
67) Hexachlorobenzene	16.85	284	413572	30.19	nq	98
68) Atrazine	17.00	200	405153	32.74	nq	97
69) Pentachlorophenol	17.20	266	659834	74.39	nq	99
70) Phenanthrene	17.60	178	1577436	33.24	nq	99
71) Anthracene	17.69	178	1566349	32.60	nq	99
72) Carbazole	17.96	167	1376847	33.16	nq	98
73) Di-n-butylphthalate	18.50	149	1604228	34.74	nq	98
74) Fluoranthene	19.60	202	1842798	31.65	nq	98
76) Benzidine	19.78	184	1041073	35.26	nq	99
77) Pyrene	19.97	202	1841187	31.82	nq	98
79) Butylbenzylphthalate	20.84	149	750366	32.74	nq	94
80) Benzo(a)anthracene	21.83	228	1885113	32.72	nq	97
81) 3,3'-Dichlorobenzidine	21.73	252	362949	14.35	nq #	92
82) Chrysene	21.90	228	1778131	32.90	nq	99
83) Bis(2-ethylhexyl)phthalate	21.70	149	1363744	42.85	nq	100
84) Di-n-octyl phthalate	22.96	149	1725023	32.50	nq	97
85) Indeno(1,2,3-cd)pyrene	29.05	276	2168416	31.47	nq #	100
87) Benzo(b)fluoranthene	24.13	252	2015793	33.69	nq	99
88) Benzo(k)fluoranthene	24.20	252	1858568	32.73	nq #	99
89) Benzo(a)pyrene	25.04	252	1903149	33.18	nq #	98
90) Dibenzo(a,h)anthracene	29.12	278	1827226	32.10	nq #	96
91) Benzo(g,h,i)perylene	30.26	276	1810471	31.76	nq #	97

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

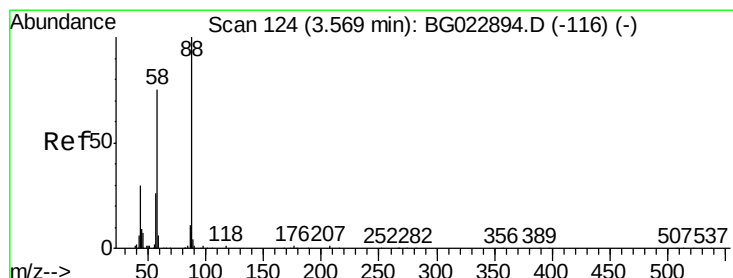
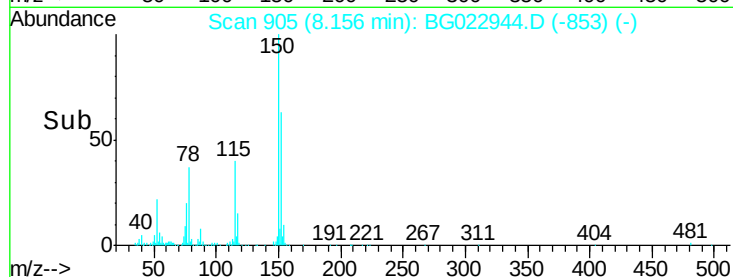
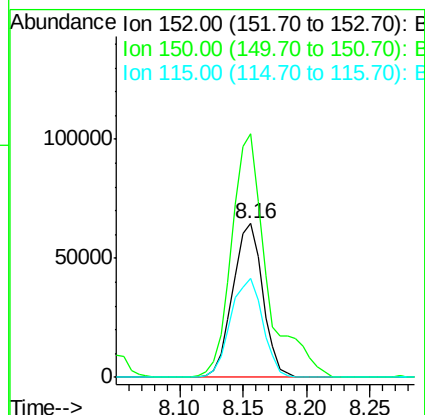
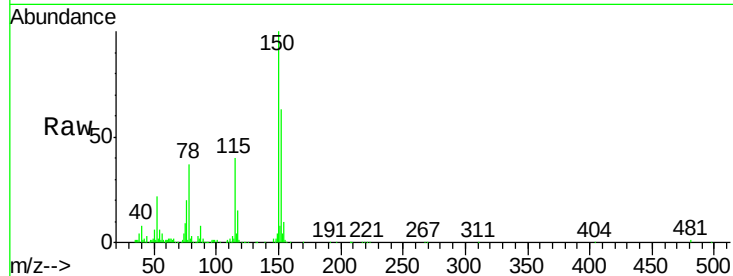


#1

1,4-Dichlorobenzene-d4
Concen: 20.00 ng
RT: 8.16 min Scan# 905
Delta R.T. 0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Instrument :
BNA_G
ClientSampleId :
LOCATION-19AMSD

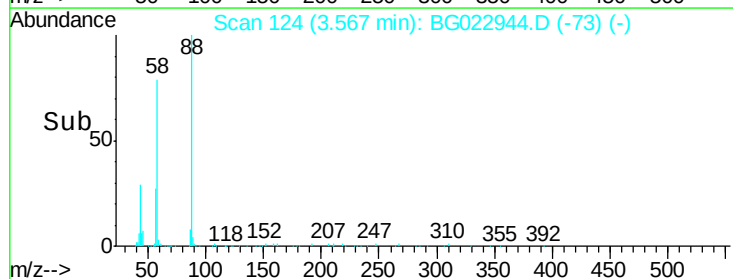
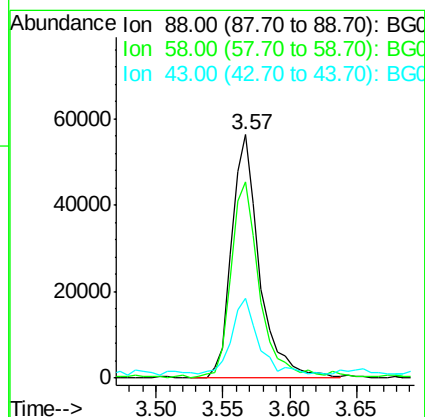
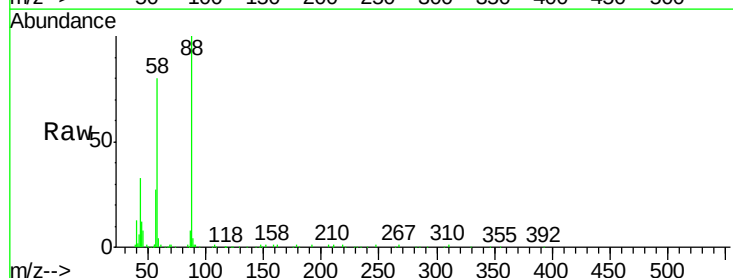
Tot Ion	Ratio	Lower	Upper
152	100		
150	158.2	144.7	217.1
115	64.0	64.0	96.0

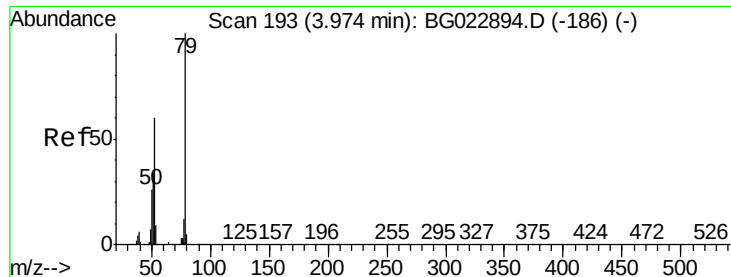


#2

1,4-Dioxane
Concen: 32.78 ng
RT: 3.57 min Scan# 124
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.9	60.4	90.6
43	29.9	31.1	46.7





#3

Pvridine

Concen: 23.72 ng

RT: 3.97 min Scan# 193

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-19AMSD

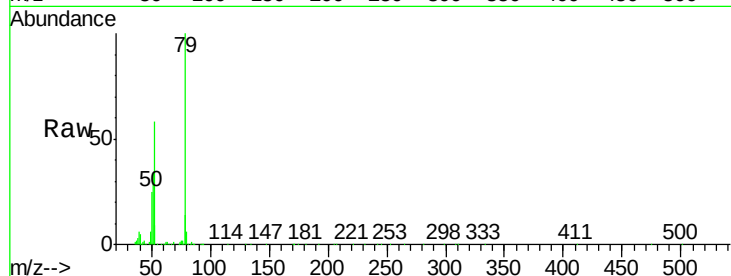
Tot Ion: 79 Resp: 203846

Ion Ratio Lower Upper

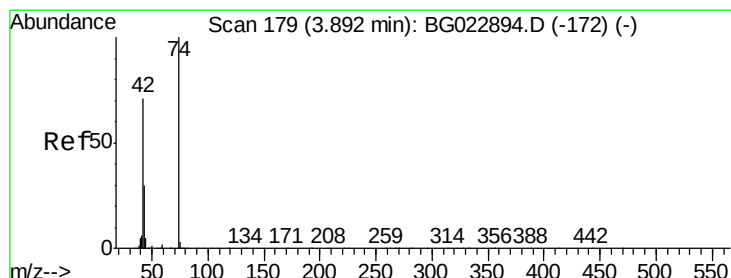
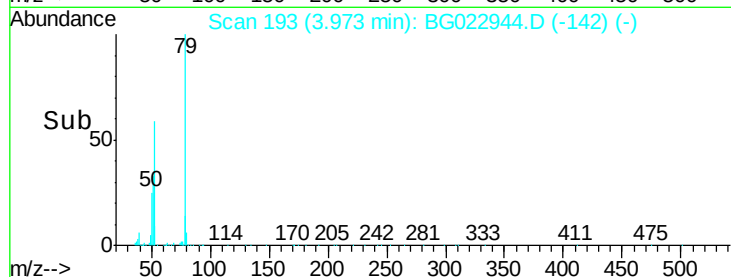
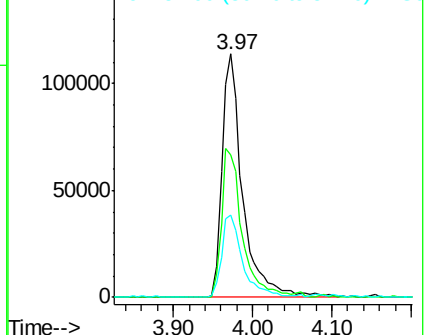
79 100

52 58.4 51.8 77.8

51 33.6 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: 30.82 ng

RT: 3.88 min Scan# 178

Delta R.T. -0.01 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

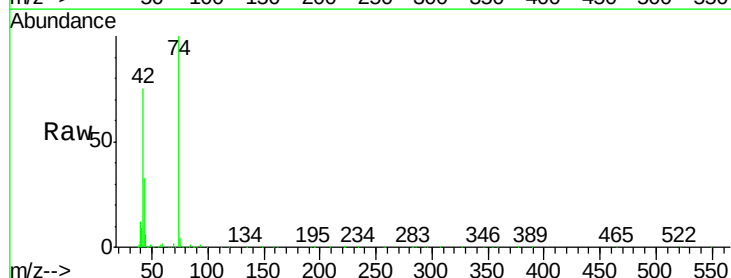
Tgt Ion: 42 Resp: 113604

Ion Ratio Lower Upper

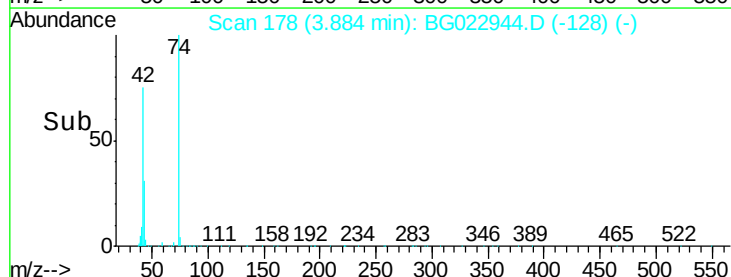
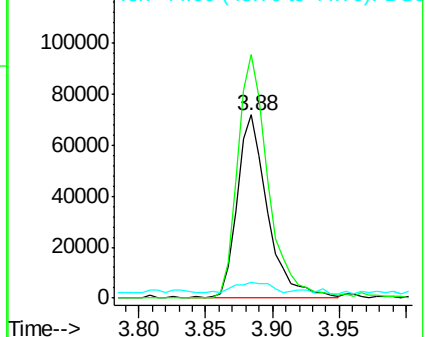
42 100

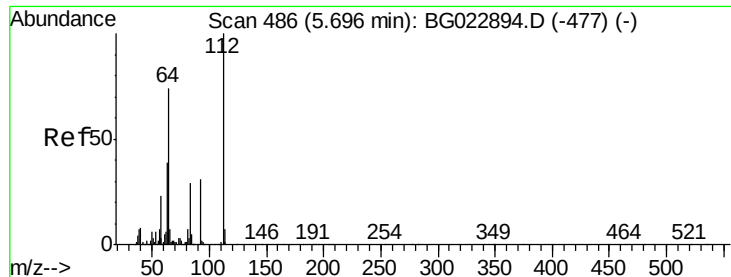
74 132.9 100.6 150.8

44 8.3 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: 132.27 ng

RT: 5.70 min Scan# 487

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-19AMSD

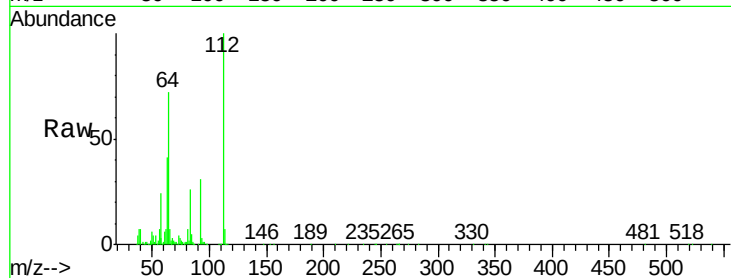
Tot Ion:112 Resp: 854416

Ion Ratio Lower Upper

112 100

64 72.1 59.0 88.4

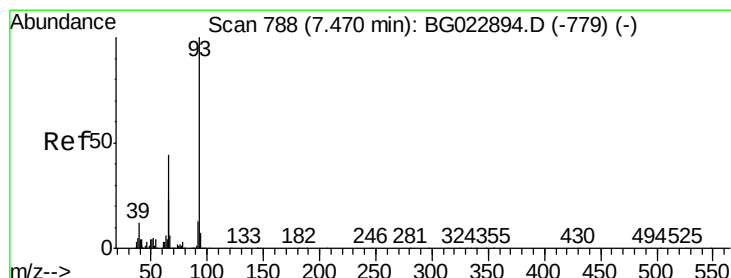
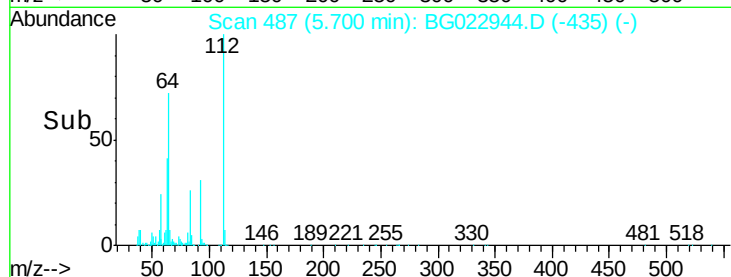
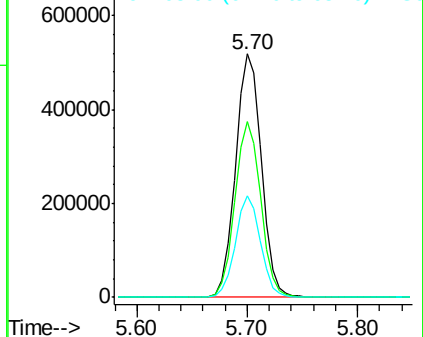
63 41.5 37.8 56.8



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: 18.37 ng

RT: 7.47 min Scan# 789

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

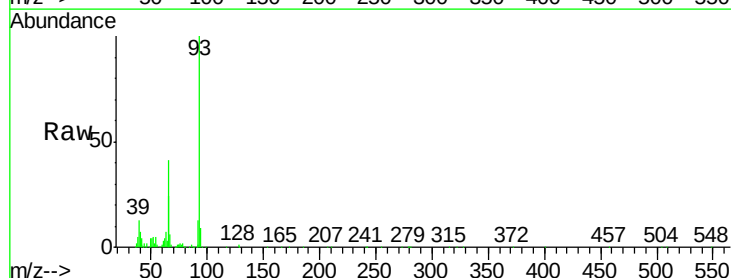
Tgt Ion: 93 Resp: 257544

Ion Ratio Lower Upper

93 100

66 40.8 37.5 56.3

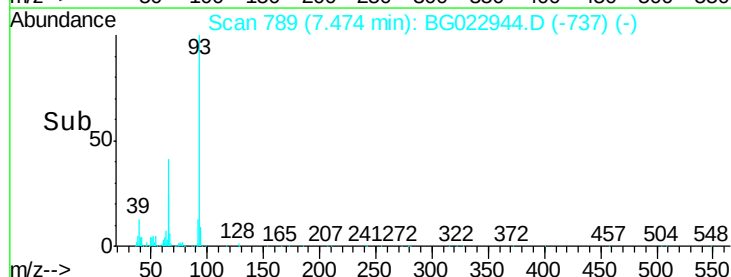
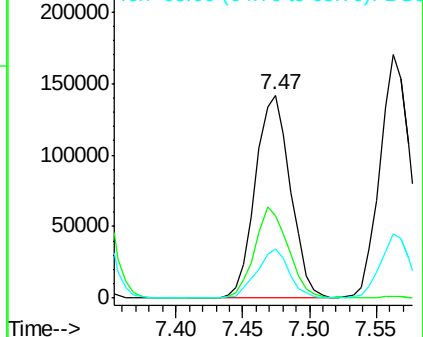
65 23.9 17.9 26.9

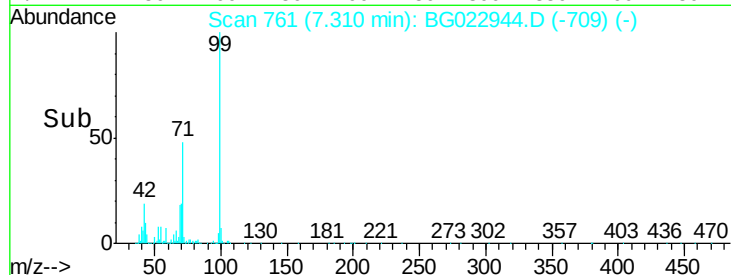
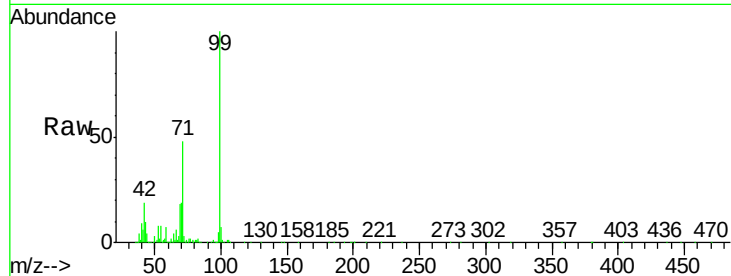
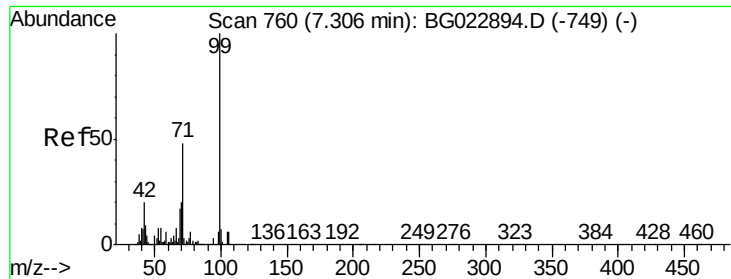


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 133.91 ng

RT: 7.31 min Scan# 761

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

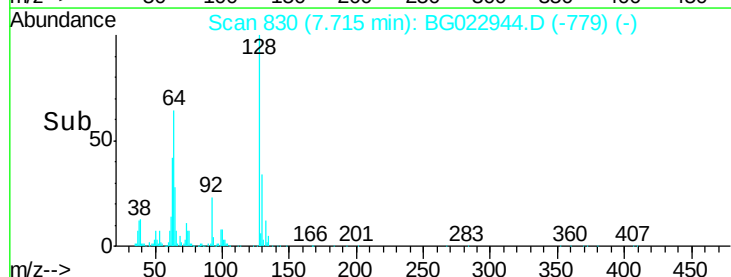
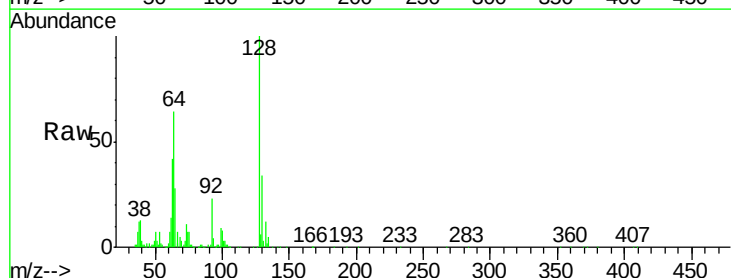
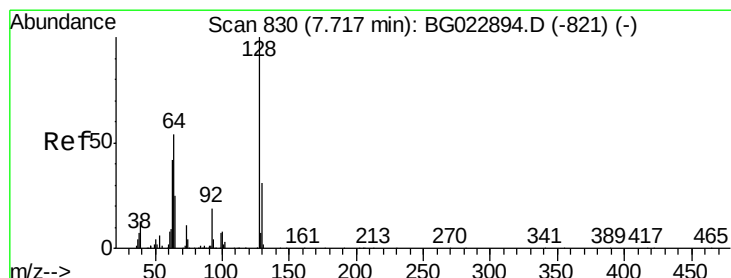
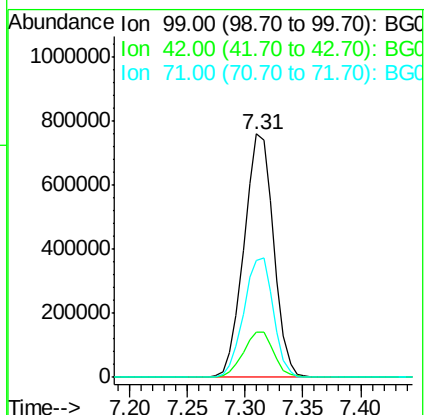
BNA_G

ClientSampleId :

LOCATION-19AMSD

Tot Ion: 99 Resp: 1354827

Ion	Ratio	Lower	Upper
99	100		
42	18.7	17.8	26.6
71	47.9	41.5	62.3



#8

2-Chlorophenol

Concen: 36.17 ng

RT: 7.72 min Scan# 830

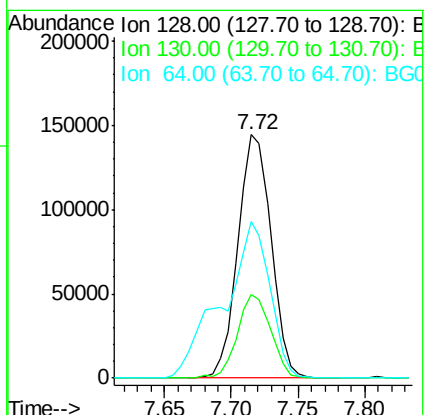
Delta R.T. -0.00 min

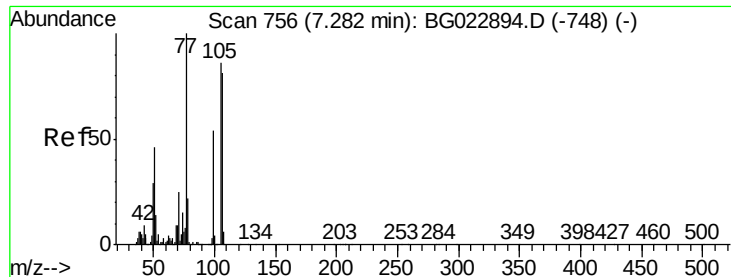
Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Tgt Ion:128 Resp: 248652

Ion	Ratio	Lower	Upper
128	100		
130	34.2	12.9	52.9
64	64.1	42.0	82.0





#9

Benzaldehyde

Concen: 32.30 ng

RT: 7.29 min Scan# 757

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-19AMSD

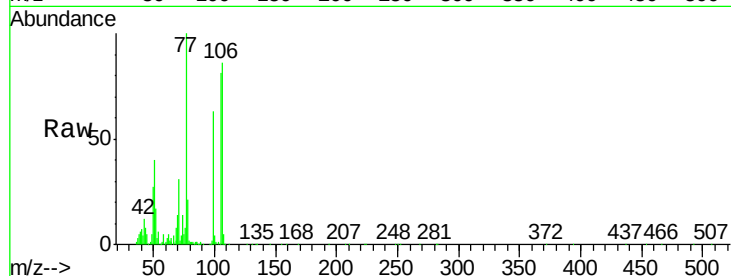
Tot Ion: 77 Resp: 218339

Ion Ratio Lower Upper

77 100

105 81.1 58.7 98.7

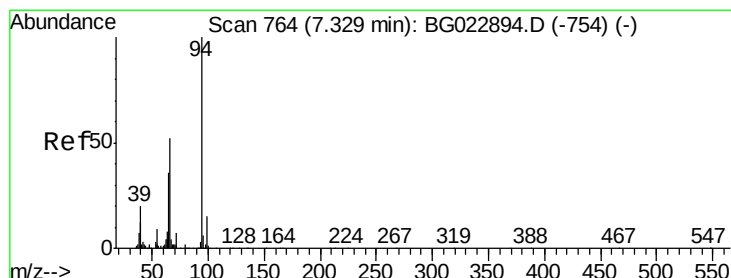
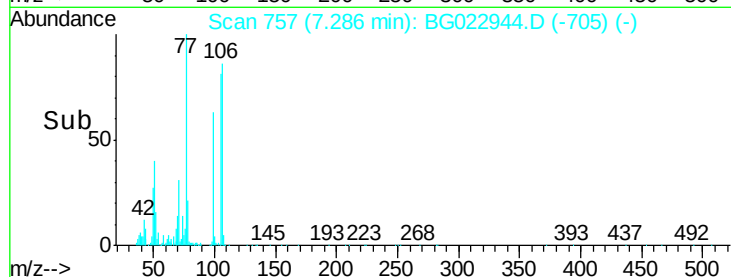
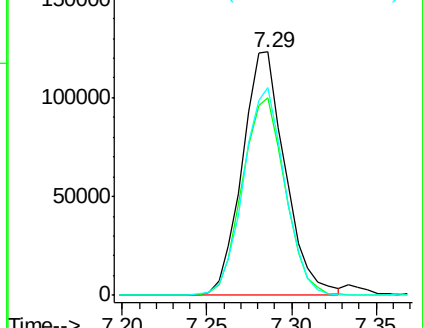
106 85.6 67.5 107.5



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 40.03 ng

RT: 7.34 min Scan# 766

Delta R.T. 0.01 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

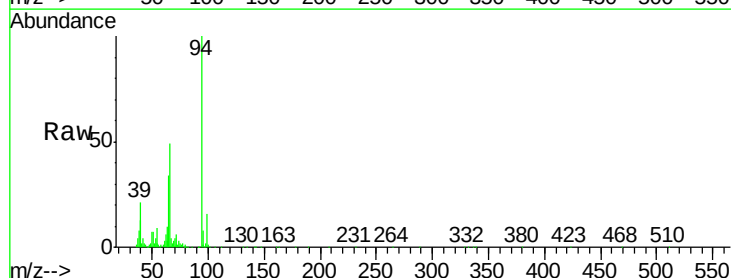
Tgt Ion: 94 Resp: 416678

Ion Ratio Lower Upper

94 100

65 33.9 18.1 58.1

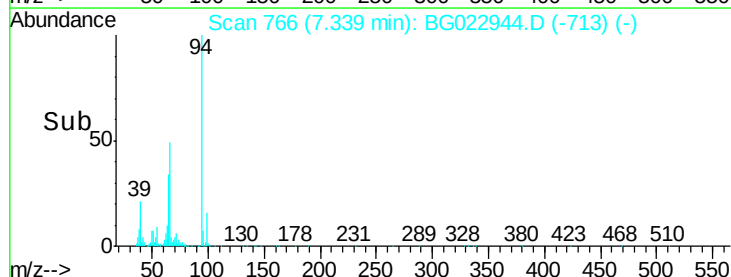
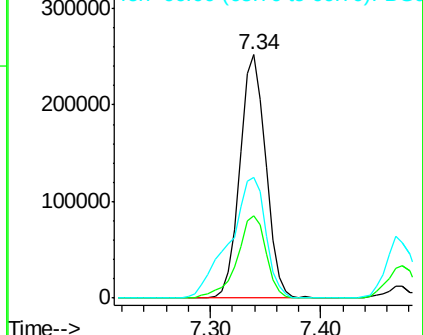
66 49.4 42.1 82.1

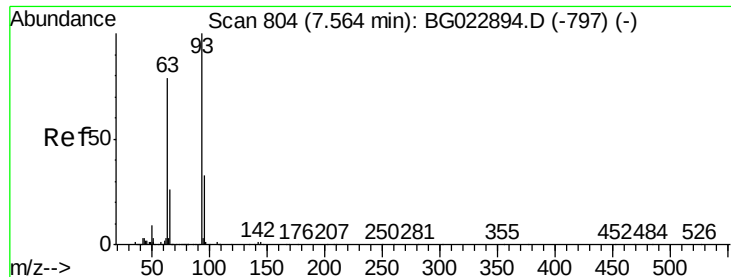


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

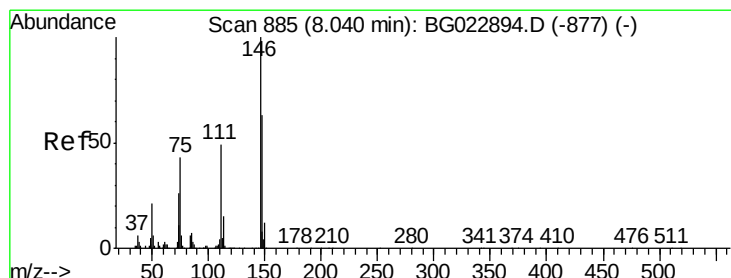
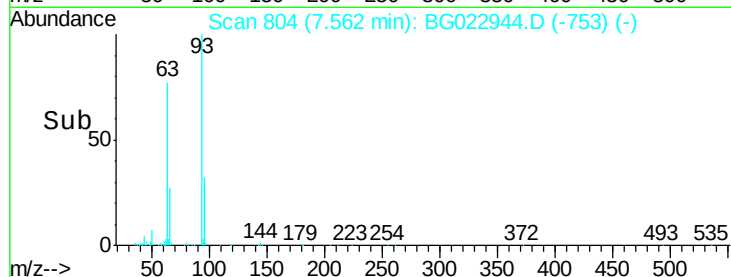
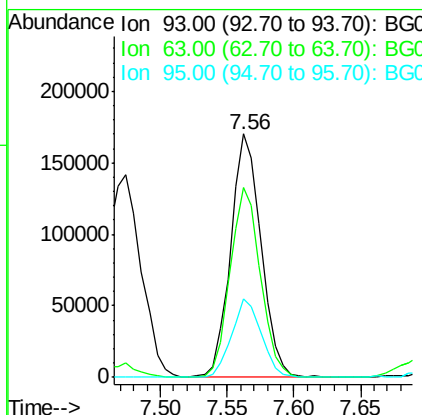
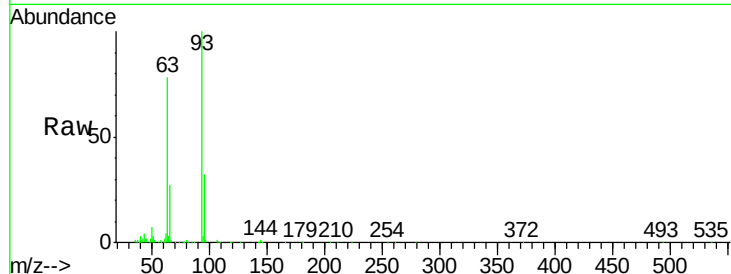




#11
bis(2-Chloroethyl)ether
Concen: 32.60 ng
RT: 7.56 min Scan# 804
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

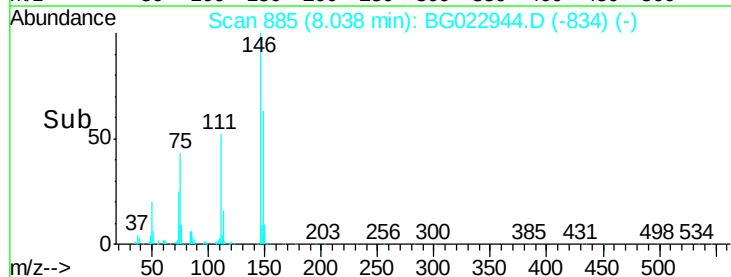
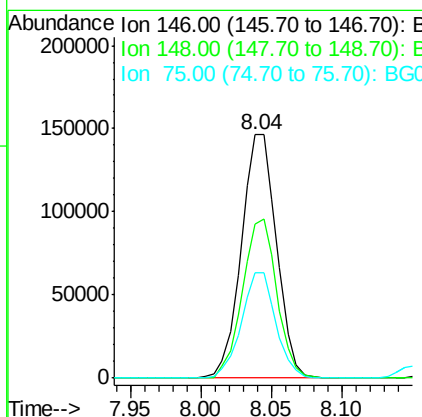
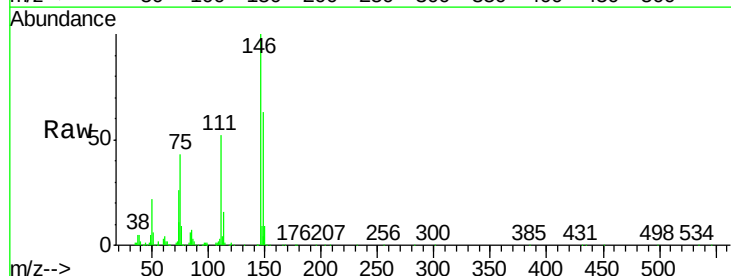
Instrument :
BNA_G
ClientSampleId :
LOCATION-19AMSD

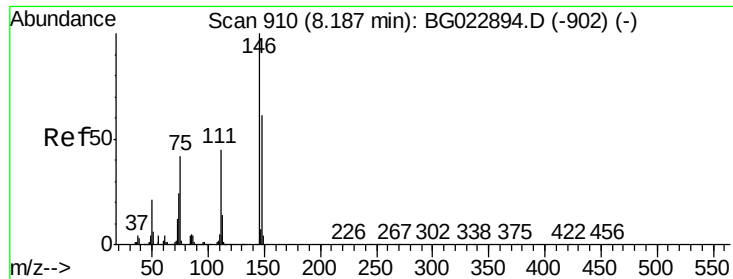
Tot Ion	Ratio	Lower	Upper
93	100		
63	78.1	55.0	95.0
95	32.4	11.0	51.0



#12
1,3-Dichlorobenzene
Concen: 30.30 ng
RT: 8.04 min Scan# 885
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.3	50.3	75.5
75	43.4	37.0	55.6





#13

1,4-Dichlorobenzene

Concen: 30.92 ng

RT: 8.19 min Scan# 911

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-19AMSD

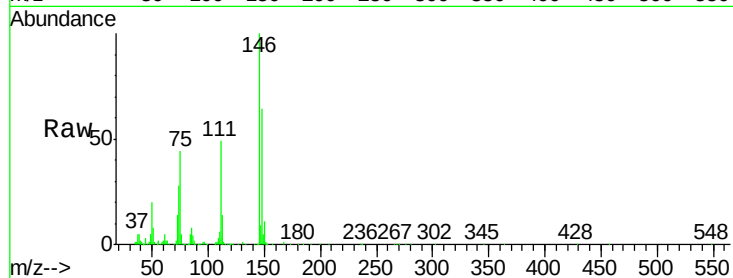
Tot Ion:146 Resp: 260508

Ion Ratio Lower Upper

146 100

148 64.0 54.5 81.7

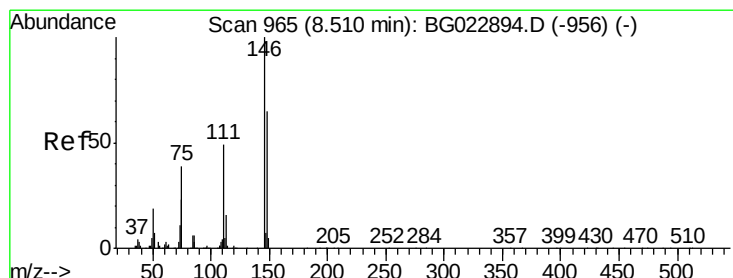
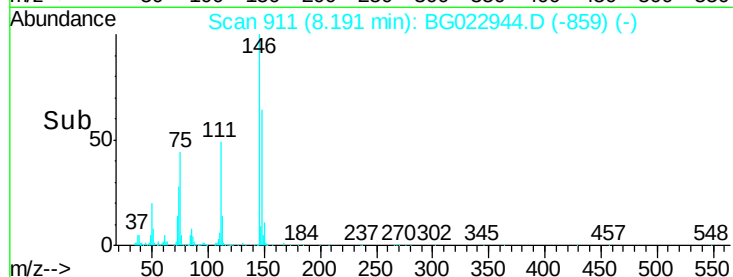
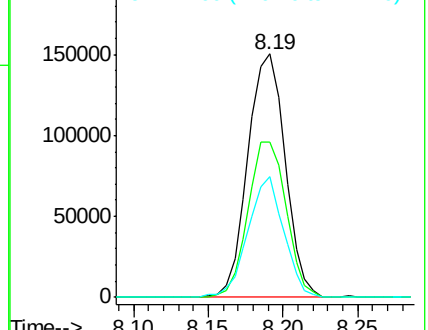
111 49.5 37.8 56.8



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: 31.87 ng

RT: 8.51 min Scan# 965

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

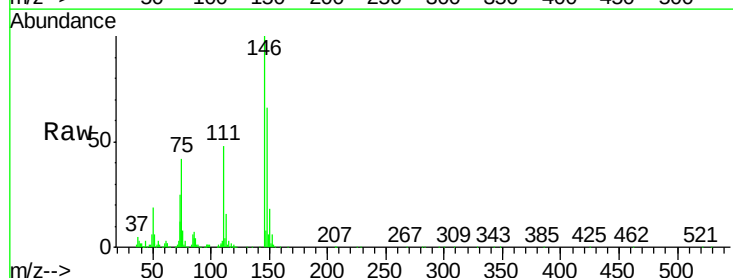
Tgt Ion:146 Resp: 266878

Ion Ratio Lower Upper

146 100

148 66.1 52.9 79.3

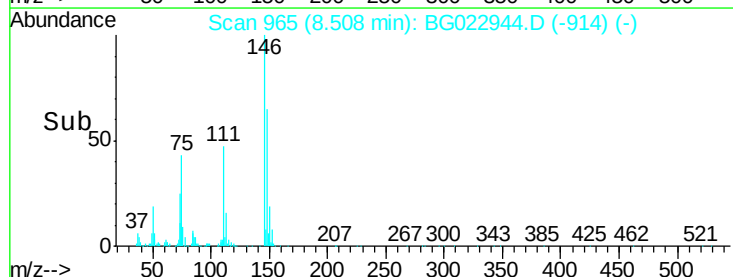
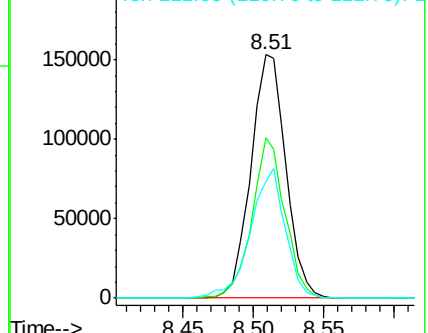
111 47.8 43.5 65.3

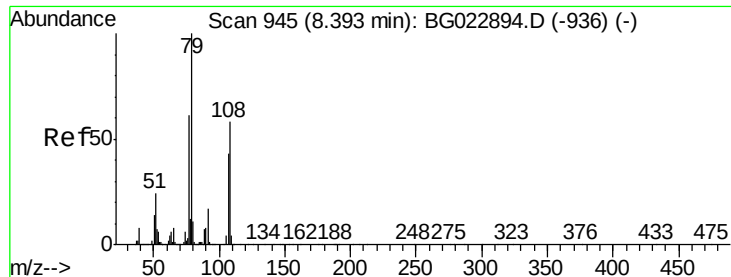


Abundance Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 36.06 ng

RT: 8.39 min Scan# 945

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-19AMSD

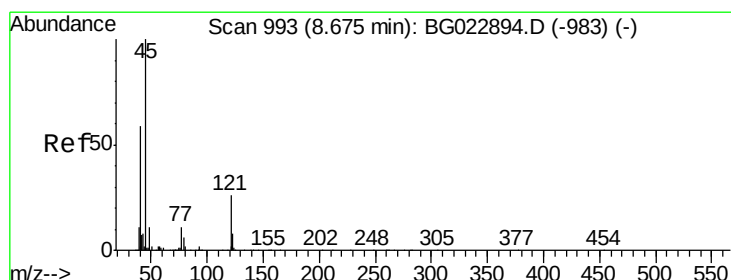
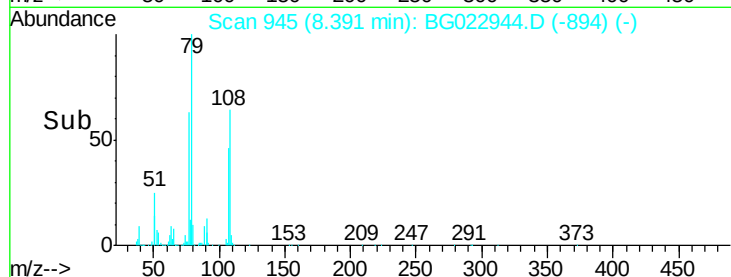
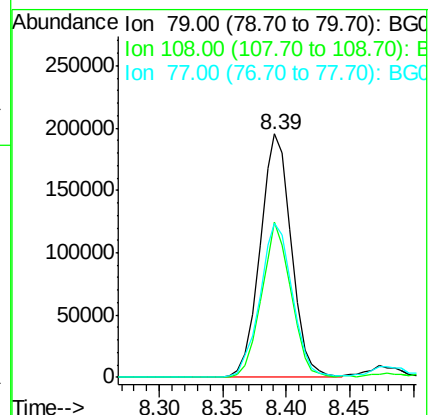
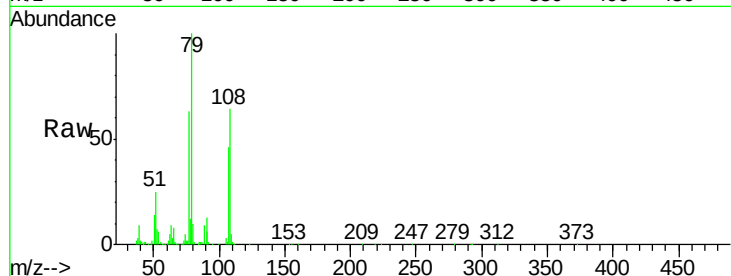
Tot Ion: 79 Resp: 334168

Ion Ratio Lower Upper

79 100

108 63.9 46.5 69.7

77 63.2 52.3 78.5



#16

2,2'-oxybis(1-chloropropane)

Concen: 32.28 ng

RT: 8.68 min Scan# 994

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

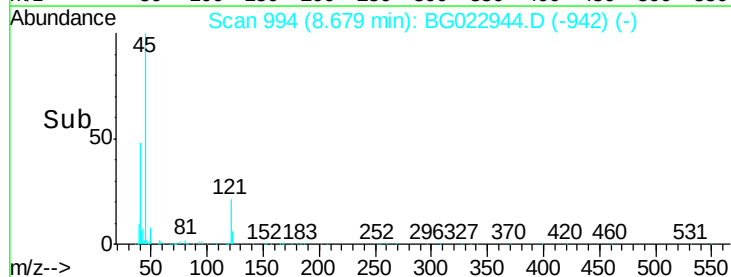
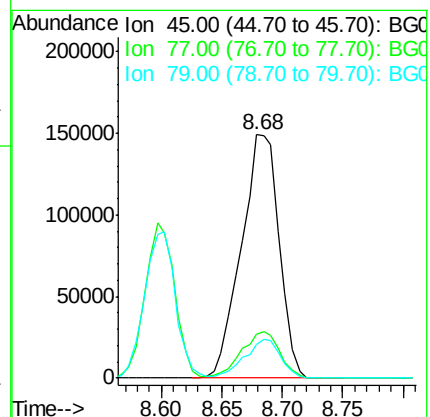
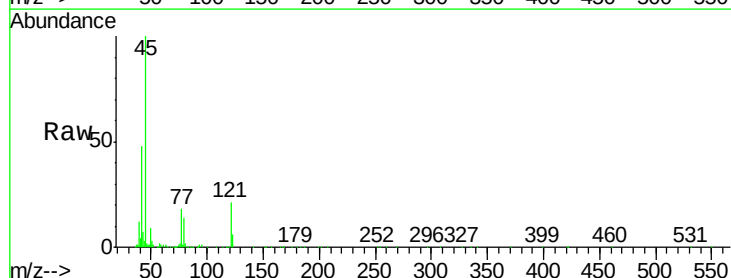
Tgt Ion: 45 Resp: 325388

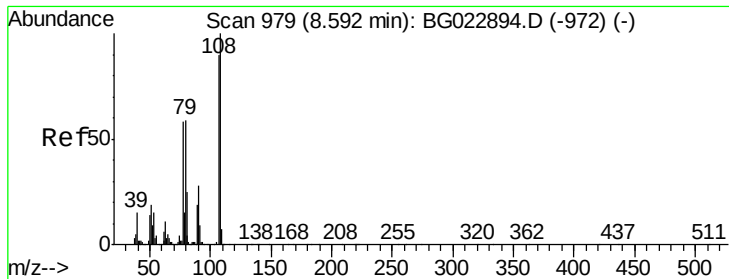
Ion Ratio Lower Upper

45 100

77 18.3 0.6 40.6

79 13.7 0.0 36.2

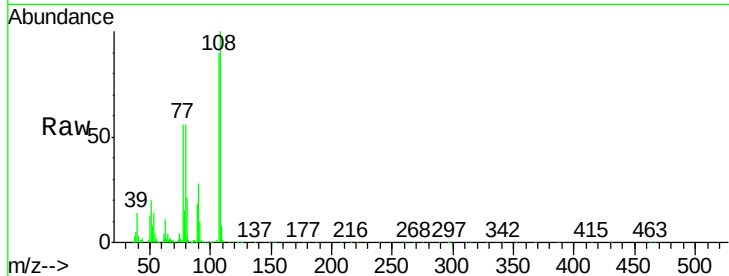




#17
2-Methylphenol
Concen: 37.31 ng
RT: 8.60 min Scan# 981
Delta R.T. 0.01 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Instrument :
BNA_G
ClientSampleId :
LOCATION-19AMSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	111.4	92.0	138.0
77	62.1	55.8	83.6
79	62.6	55.0	82.6



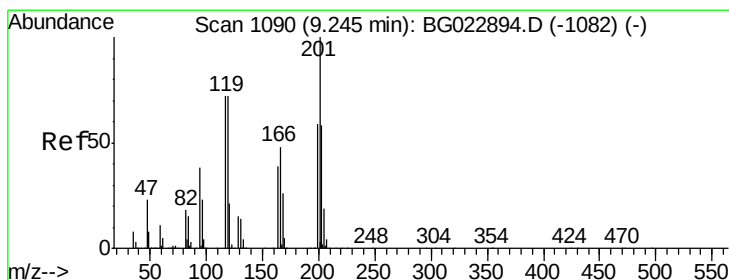
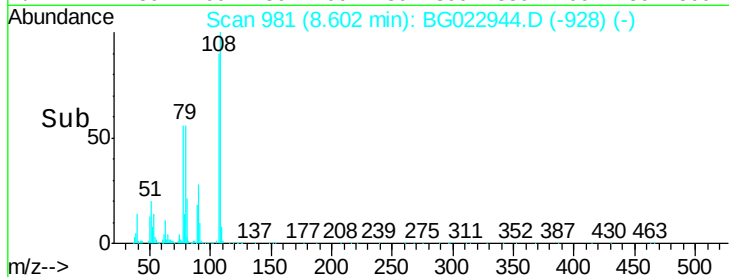
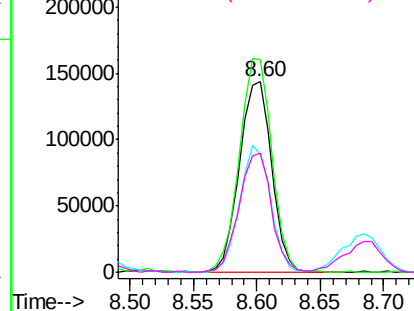
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

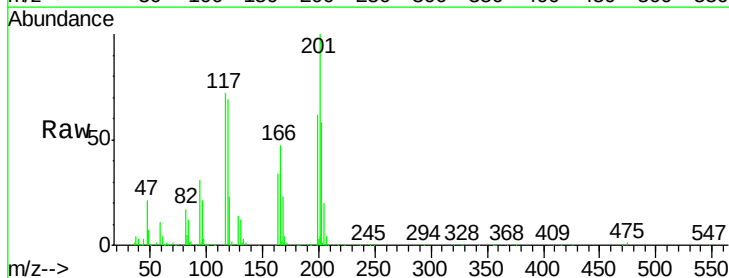
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 28.83 ng
RT: 9.25 min Scan# 1091
Delta R.T. 0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion	Ratio	Lower	Upper
117	100		
119	96.6	73.7	110.5
201	139.7	88.7	133.1#

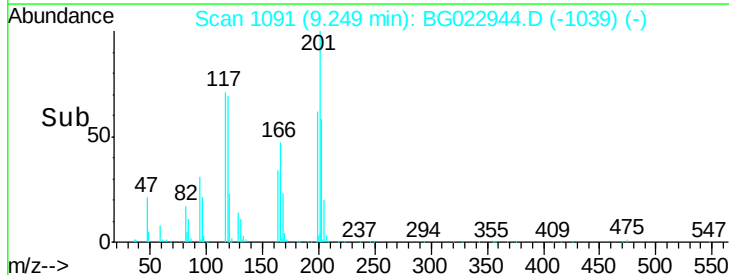
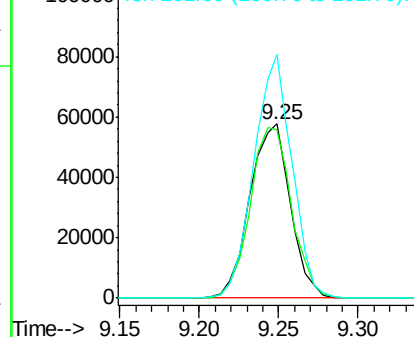


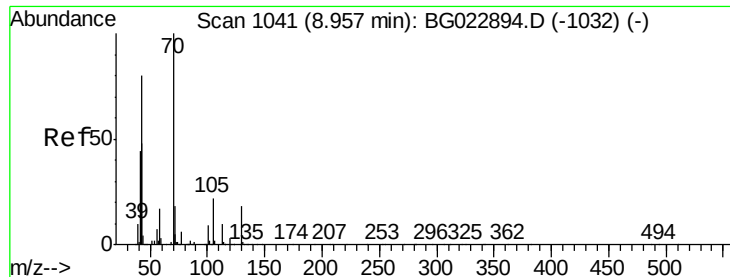
Abundance

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

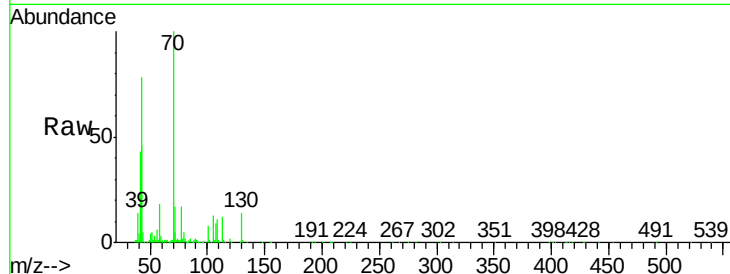




#19
n-Nitroso-di-n-propylamine
Concen: 30.50 ng
RT: 8.95 min Scan# 1041
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Instrument :
BNA_G
ClientSampleId :
LOCATION-19AMSD

Tot Ion:	70	Resp:	278141
Ion	Ratio	Lower	Upper
70	100		
42	46.3	42.1	63.1
101	8.3	7.2	10.8
130	14.3	14.2	21.2



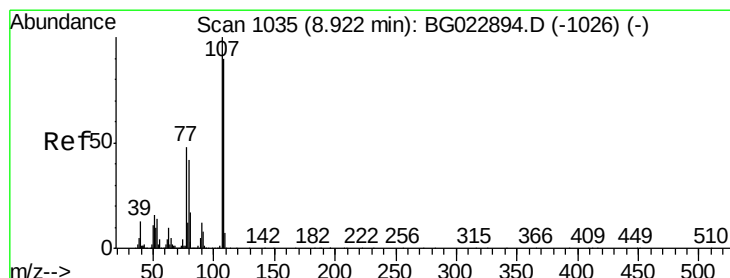
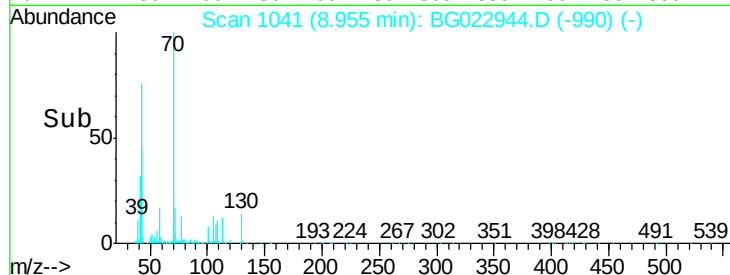
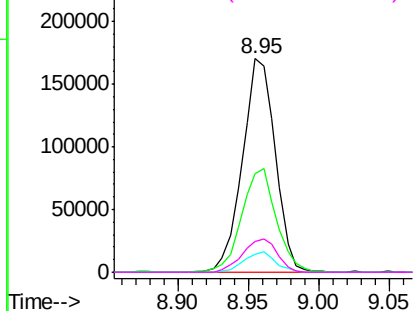
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

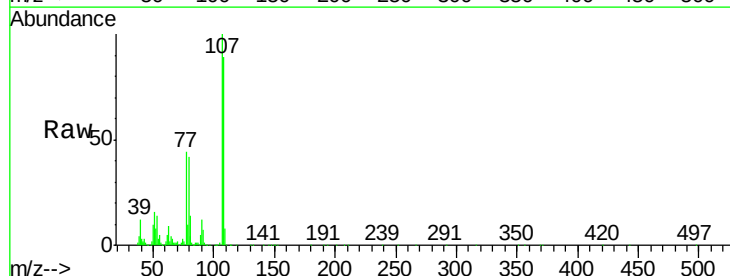
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 36.42 ng
RT: 8.93 min Scan# 1036
Delta R.T. 0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion:	107	Resp:	344202
Ion	Ratio	Lower	Upper
107	100		
108	89.4	72.5	112.5
77	43.9	30.1	70.1
79	42.0	24.2	64.2



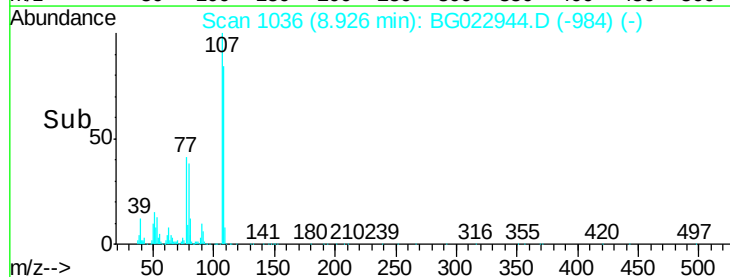
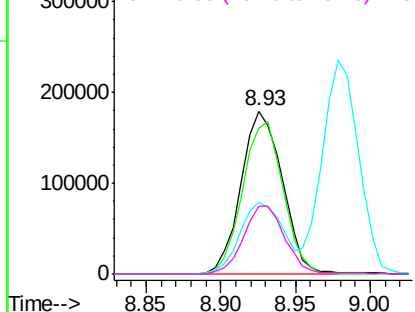
Abundance

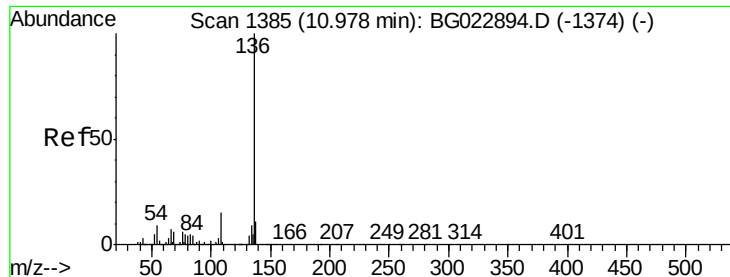
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

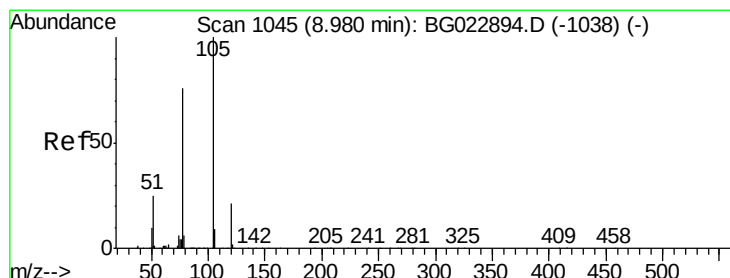
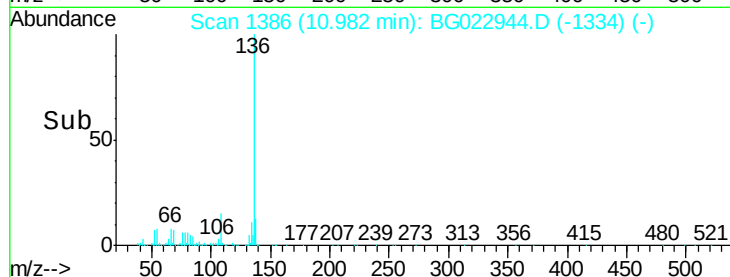
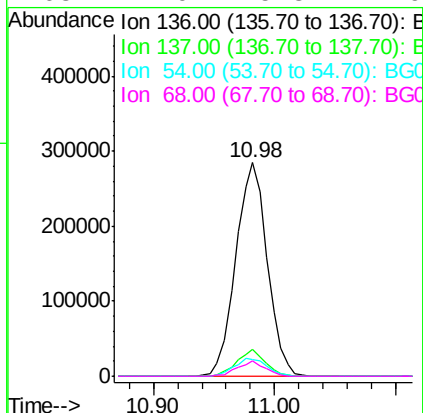
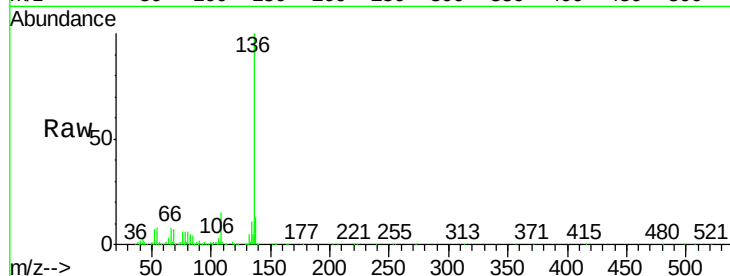




#21
Naphthalene-d8
Concen: 20.00 ng
RT: 10.98 min Scan# 1386
Delta R.T. 0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

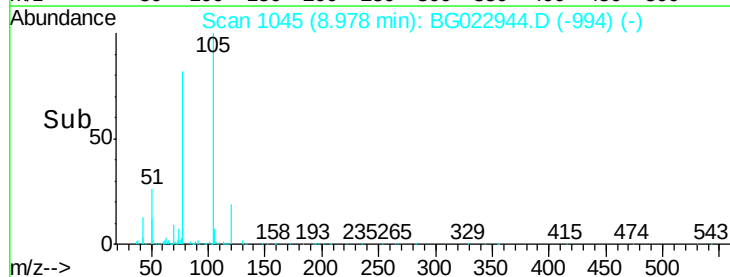
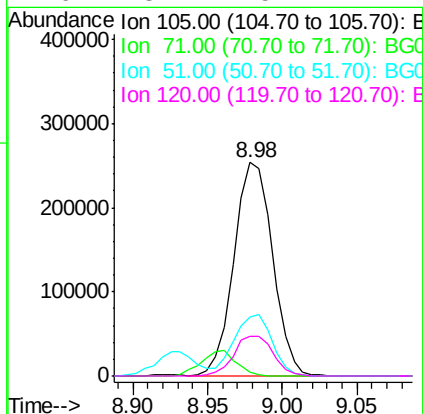
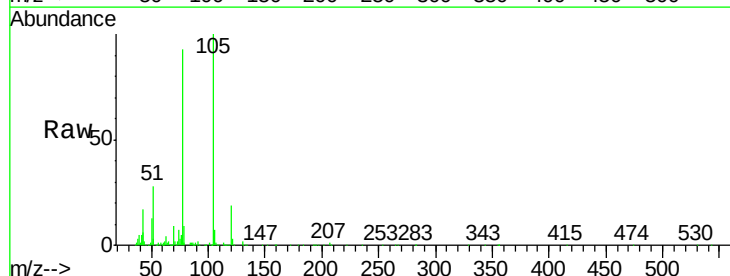
Instrument :
BNA_G
ClientSampleId :
LOCATION-19AMSD

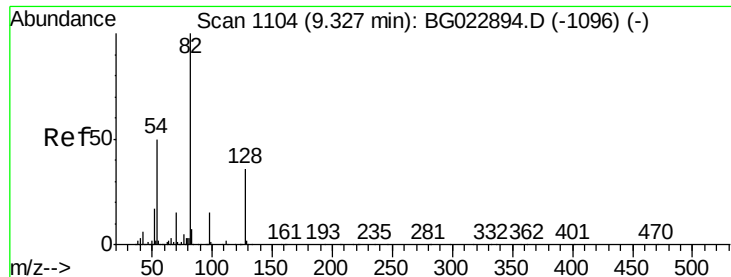
Tot Ion:136	Resp:	514622	
Ion Ratio	Lower	Upper	
136 100			
137 12.8	9.6	14.4	
54 7.8	7.3	10.9	
68 7.0	5.3	7.9	



#22
Acetophenone
Concen: 29.64 ng
RT: 8.98 min Scan# 1045
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt	Ion:105	Resp:	457826
Ion	Ratio	Lower	Upper
105	100		
71	1.6	2.6	3.8#
51	27.7	27.1	40.7
120	18.7	15.1	22.7

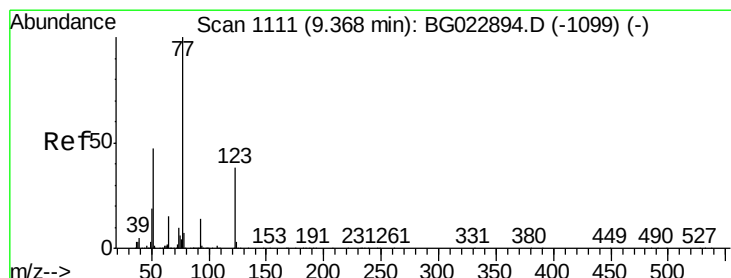
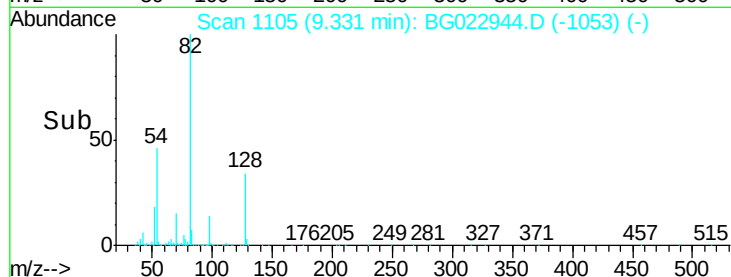
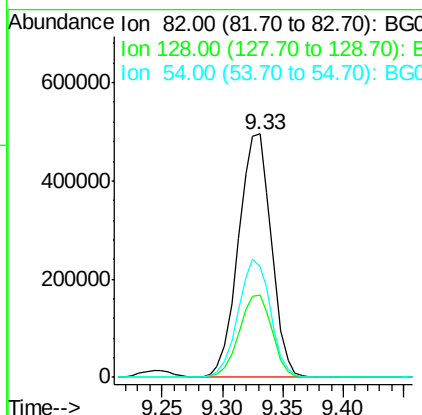
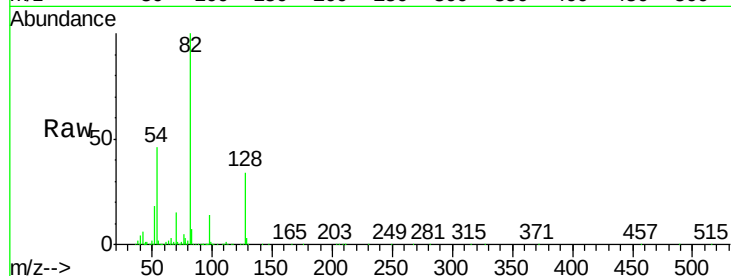




#23
Nitrobenzene-d5
Concen: 78.22 ng
RT: 9.33 min Scan# 1105
Delta R.T. 0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

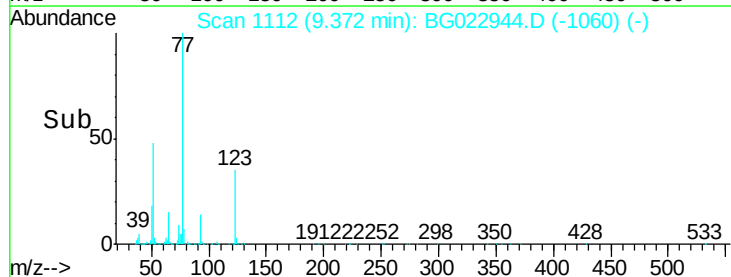
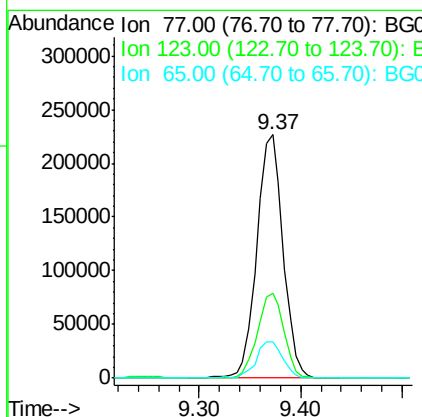
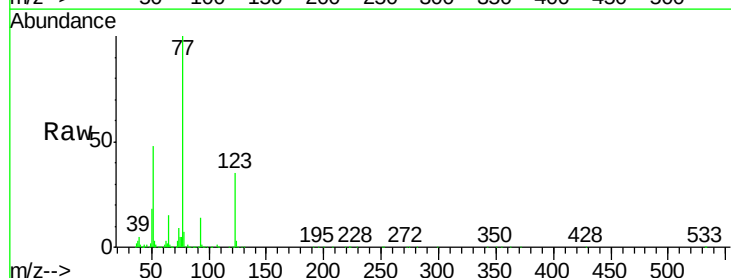
Instrument :
BNA_G
ClientSampleId :
LOCATION-19AMSD

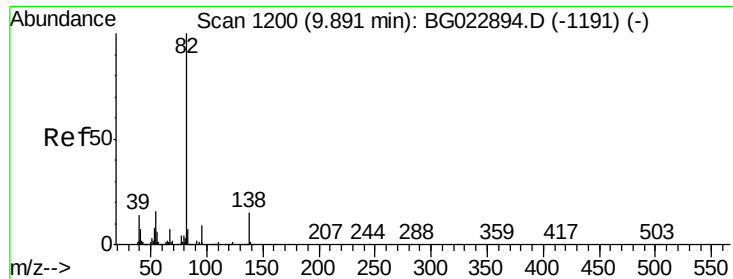
Tot Ion	82	Resp	940118
Ion Ratio	Lower	Upper	
82	100		
128	33.9	24.4	36.6
54	45.5	41.4	62.0



#24
Nitrobenzene
Concen: 31.90 ng
RT: 9.37 min Scan# 1112
Delta R.T. 0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion	77	Resp	407392
Ion Ratio	Lower	Upper	
77	100		
123	35.0	25.0	37.6
65	14.9	13.4	20.0





#25

Isophorone

Concen: 30.32 ng

RT: 9.89 min Scan# 1200

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-19AMSD

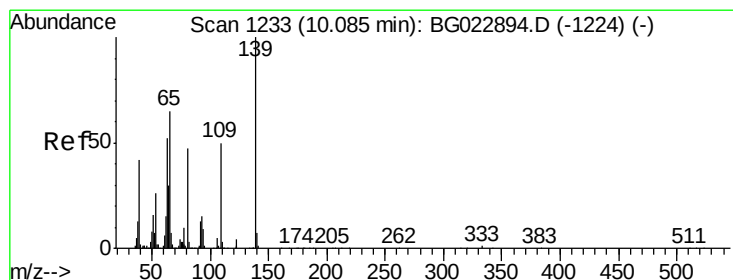
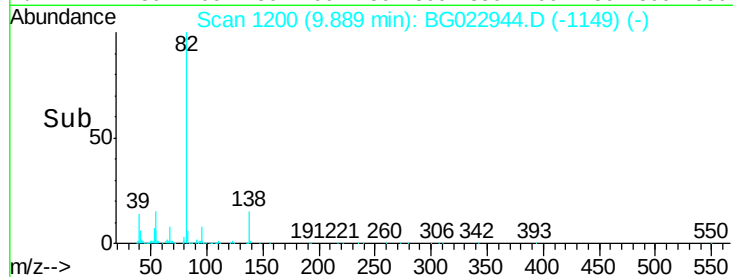
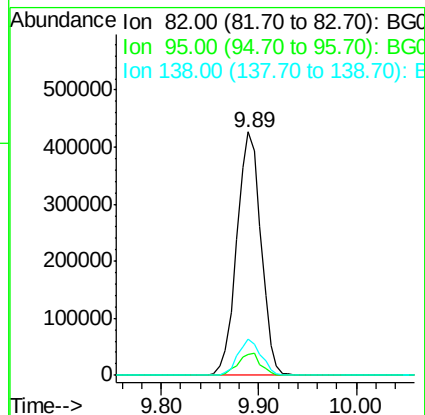
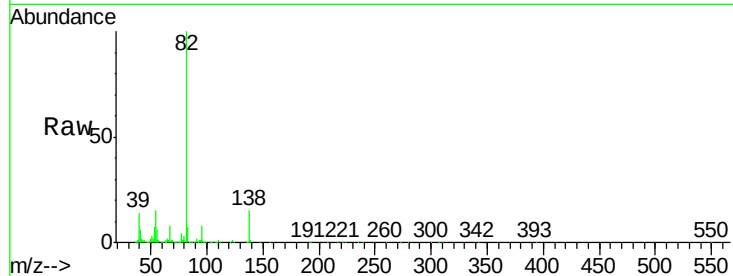
Tot Ion: 82 Resp: 732996

Ion Ratio Lower Upper

82 100

95 8.4 8.2 12.2

138 14.7 10.7 16.1



#26

2-Nitrophenol

Concen: 32.86 ng

RT: 10.08 min Scan# 1233

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

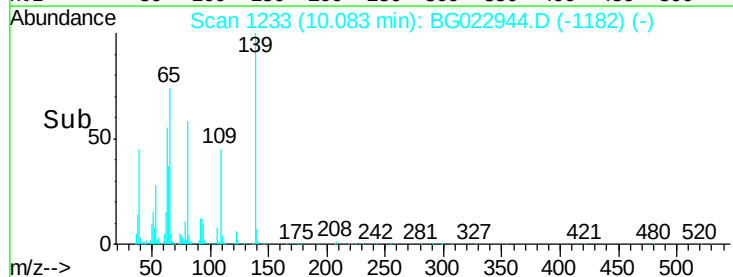
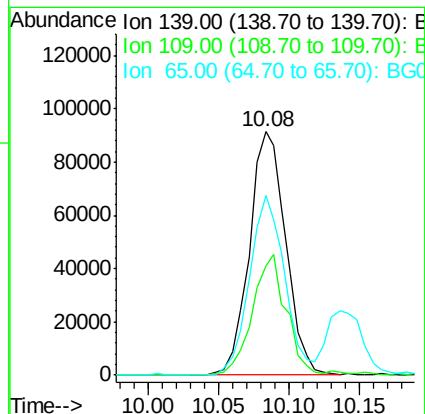
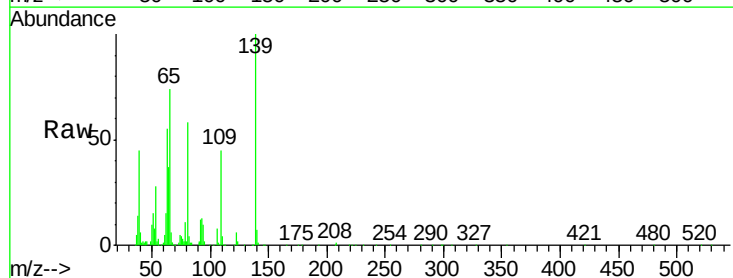
Tgt Ion: 139 Resp: 164651

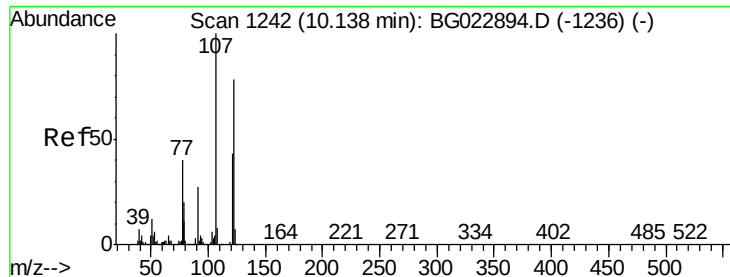
Ion Ratio Lower Upper

139 100

109 45.1 43.5 65.3

65 74.0 64.3 96.5





#27

2,4-Dimethylphenol

Concen: 32.21 ng

RT: 10.14 min Scan# 1243

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-19AMSD

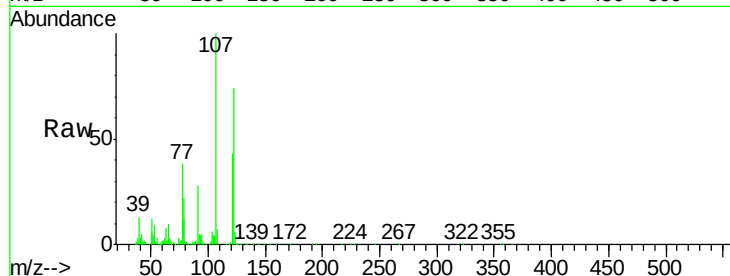
Tot Ion:122 Resp: 278978

Ion Ratio Lower Upper

122 100

107 135.0 117.0 175.4

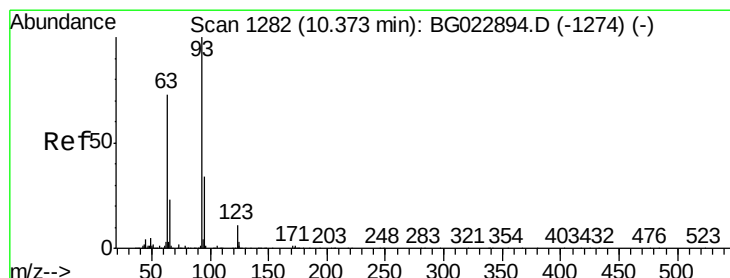
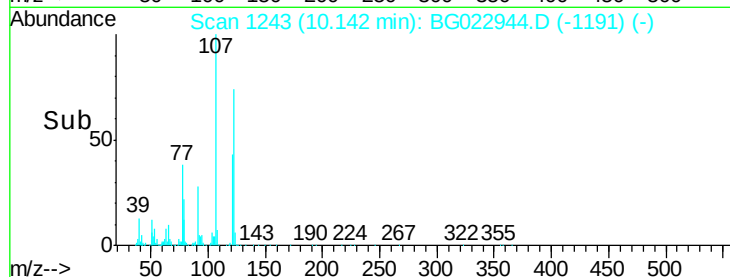
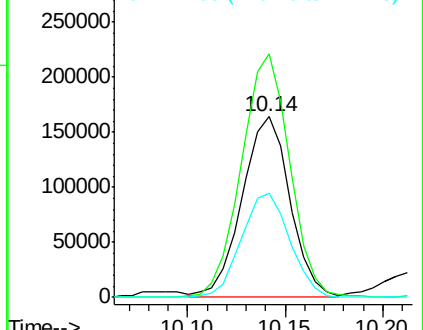
121 57.4 50.1 75.1



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 31.00 ng

RT: 10.37 min Scan# 1282

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

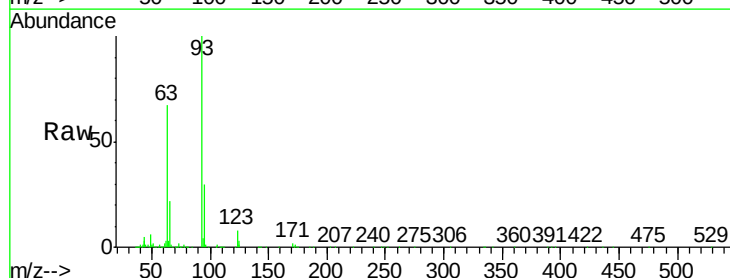
Tgt Ion: 93 Resp: 417884

Ion Ratio Lower Upper

93 100

95 30.1 25.4 38.2

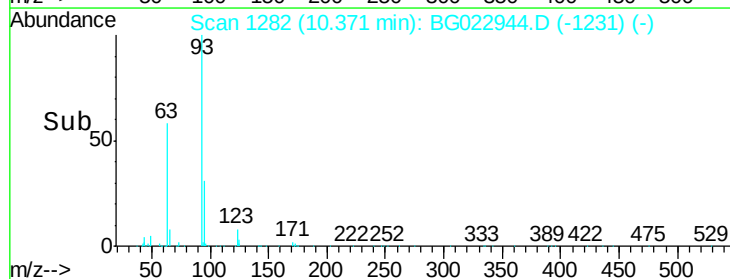
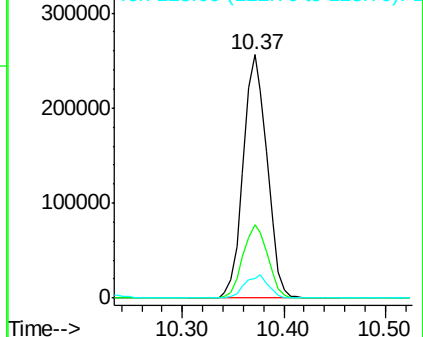
123 7.9 8.2 12.2#

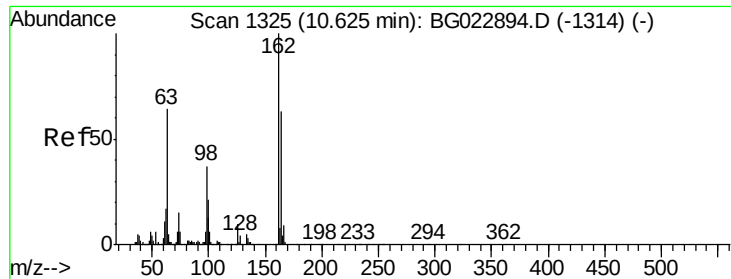


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

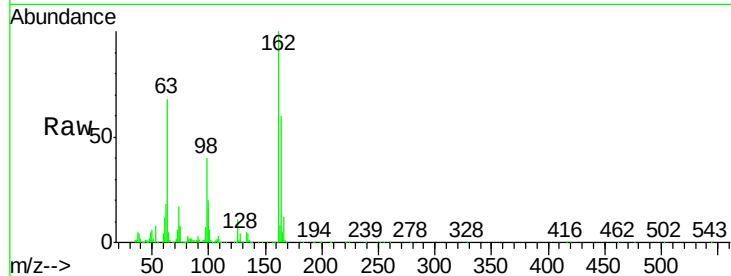




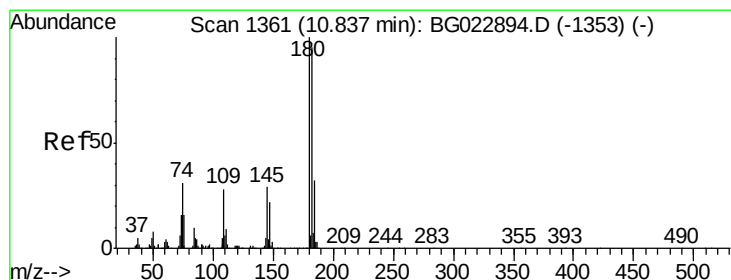
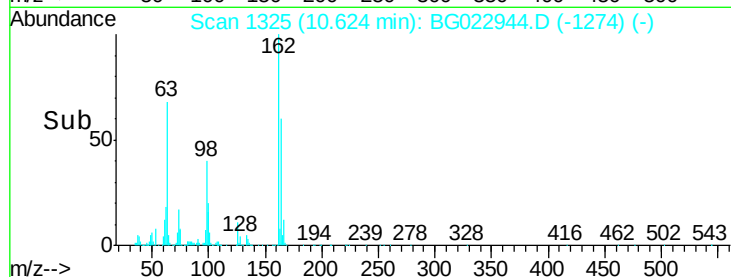
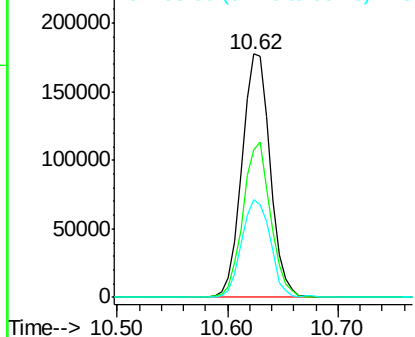
#29
 2,4-Dichlorophenol
 Concen: 34.59 ng
 RT: 10.62 min Scan# 1325
 Delta R.T. -0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-19AMSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.4	44.3	84.3
98	40.3	19.5	59.5

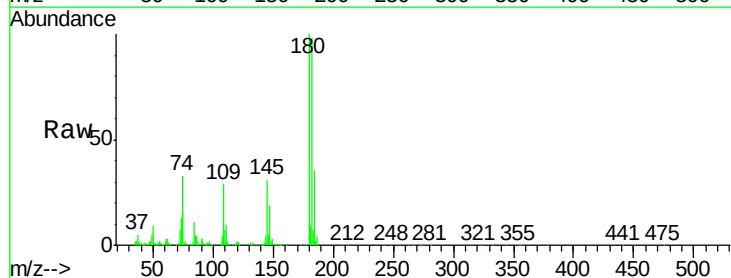


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

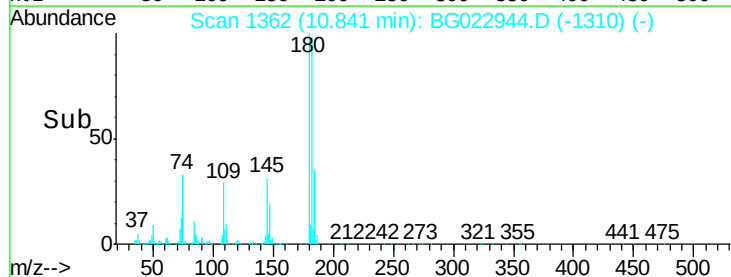
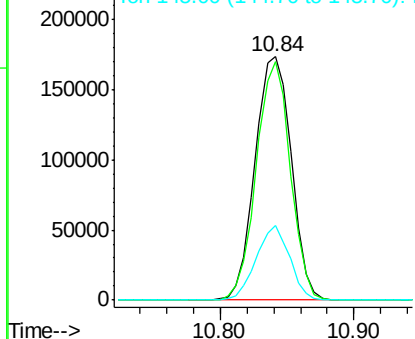


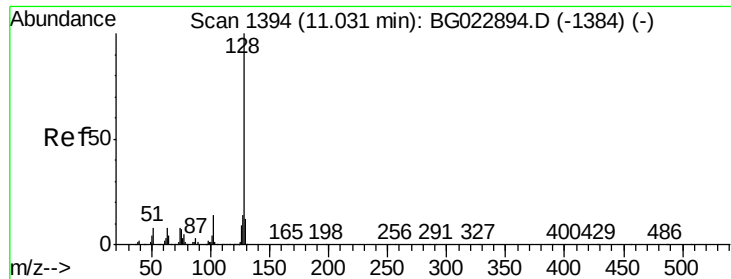
#30
 1,2,4-Trichlorobenzene
 Concen: 30.75 ng
 RT: 10.84 min Scan# 1362
 Delta R.T. 0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.9	73.8	110.8
145	30.5	24.4	36.6



Abundance Ion 180.00 (179.70 to 180.70): E
 Ion 182.00 (181.70 to 182.70): E
 Ion 145.00 (144.70 to 145.70): E

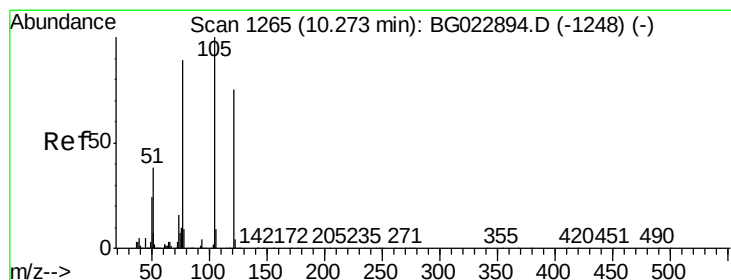
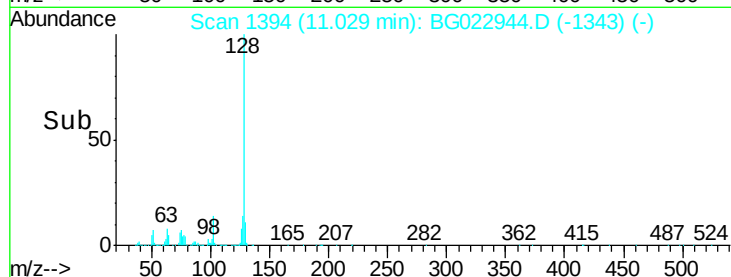
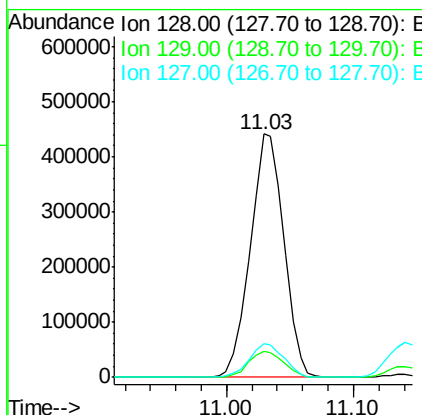
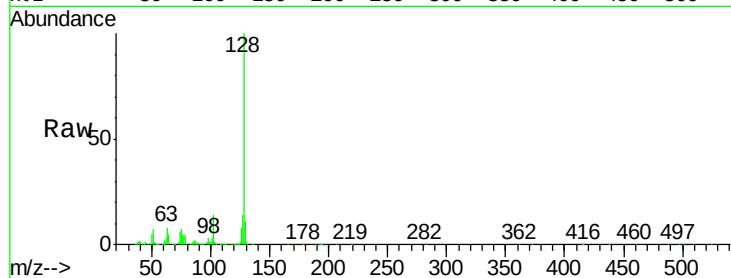




#31
Naphthalene
Concen: 31.03 ng
RT: 11.03 min Scan# 1394
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

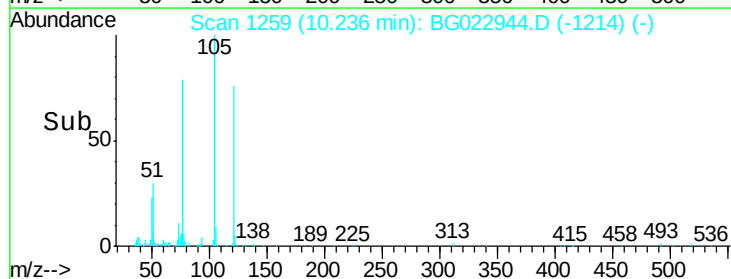
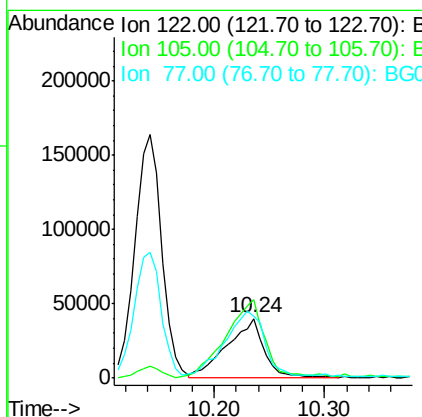
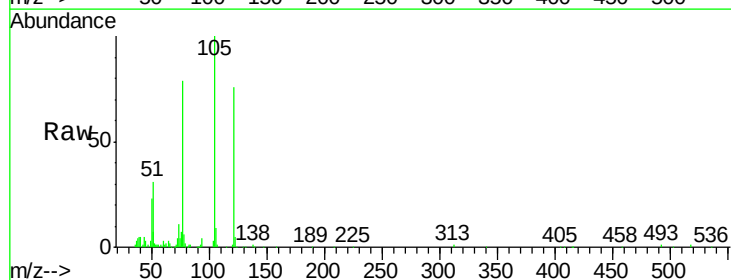
Instrument :
BNA_G
ClientSampleId :
LOCATION-19AMSD

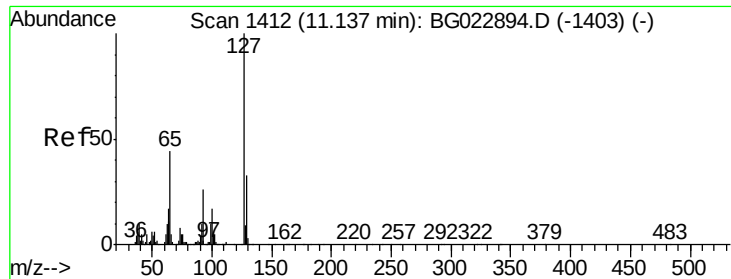
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.9	9.4	14.0
127	13.8	11.3	16.9



#32
Benzoic acid
Concen: 11.56 ng
RT: 10.24 min Scan# 1259
Delta R.T. -0.04 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.2	117.2	157.2
77	104.7	109.2	149.2

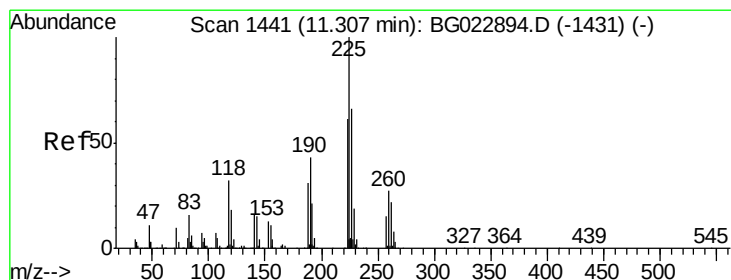
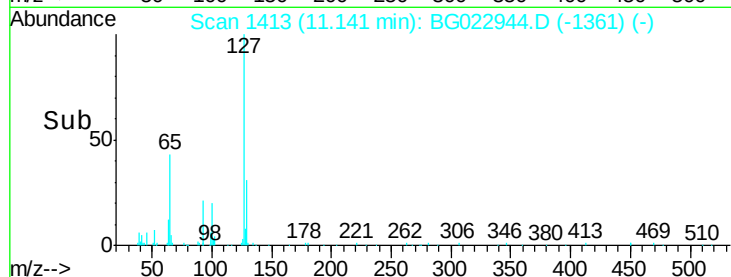
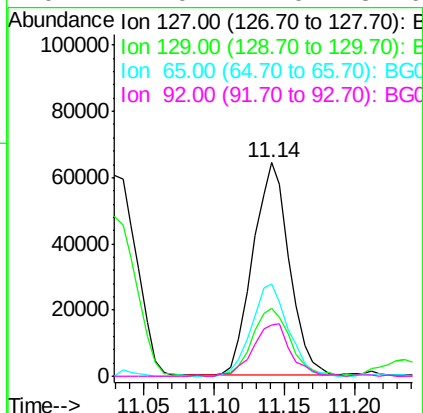
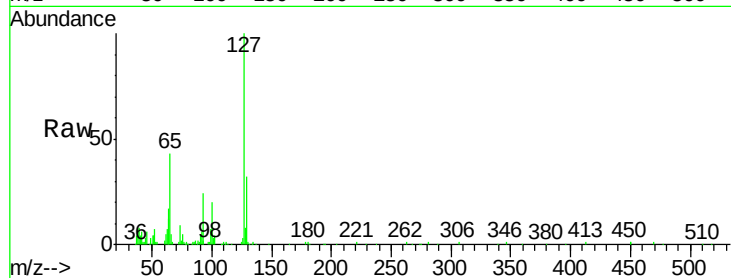




#33
4-Chloroaniline
Concen: 9.12 ng
RT: 11.14 min Scan# 1413
Delta R.T. 0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

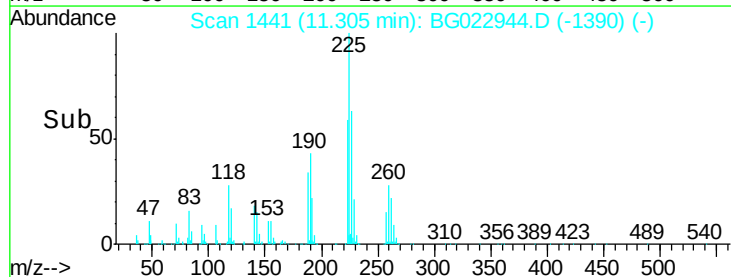
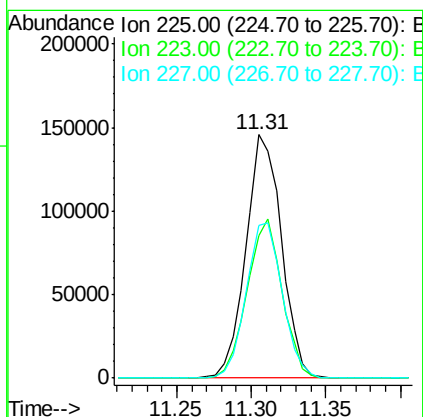
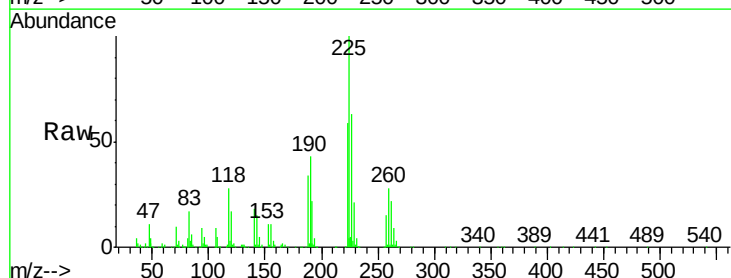
Instrument :
BNA_G
ClientSampleId :
LOCATION-19AMSD

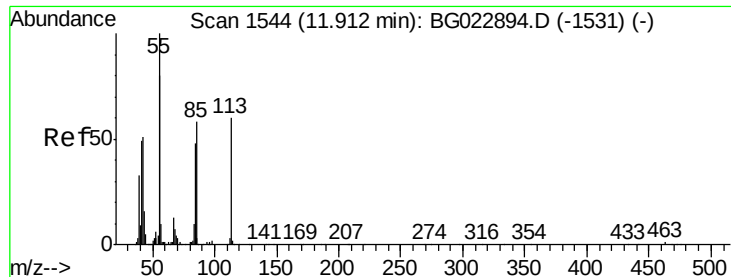
Tot Ion:	127	Resp:	116851
Ion	Ratio	Lower	Upper
127	100		
129	31.6	27.9	41.9
65	43.2	36.8	55.2
92	24.0	21.0	31.6



#34
Hexachlorobutadiene
Concen: 27.83 ng
RT: 11.31 min Scan# 1441
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion:	225	Resp:	238856
Ion	Ratio	Lower	Upper
225	100		
223	58.8	49.6	74.4
227	62.6	54.5	81.7

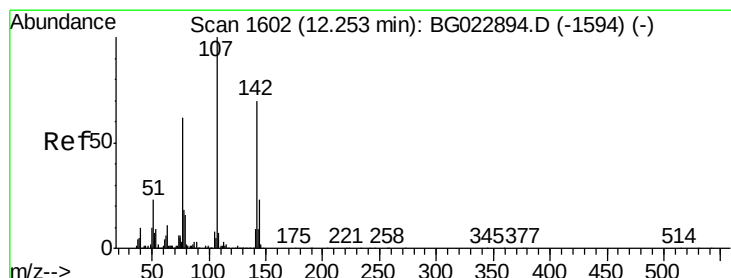
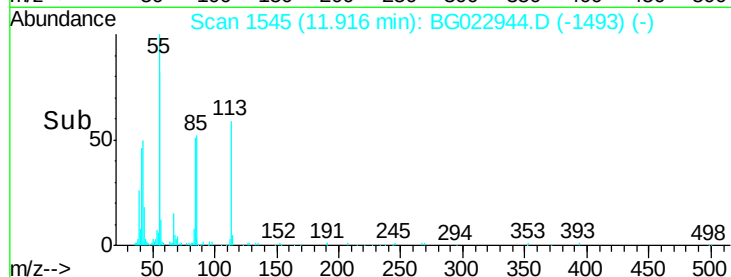
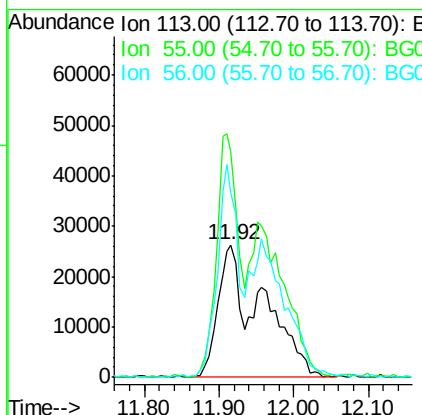
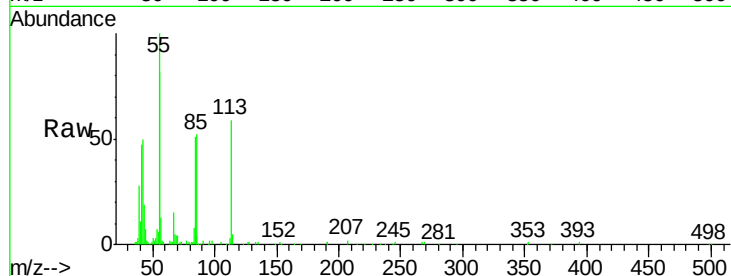




#35
Caprolactam
Concen: 28.14 ng/ml
RT: 11.92 min Scan# 1545
Delta R.T. 0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

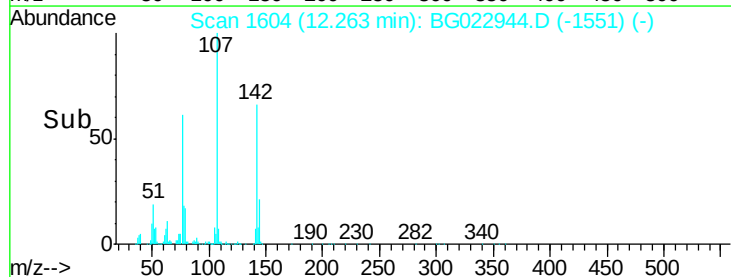
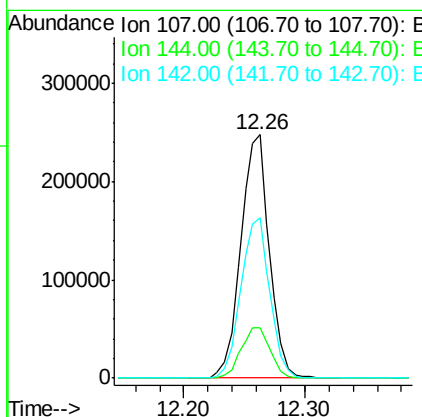
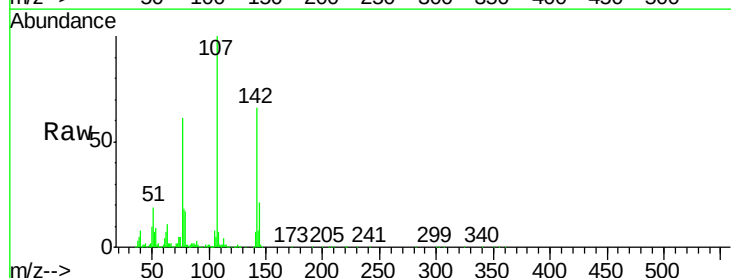
Instrument :
BNA_G
ClientSampleId :
LOCATION-19AMSD

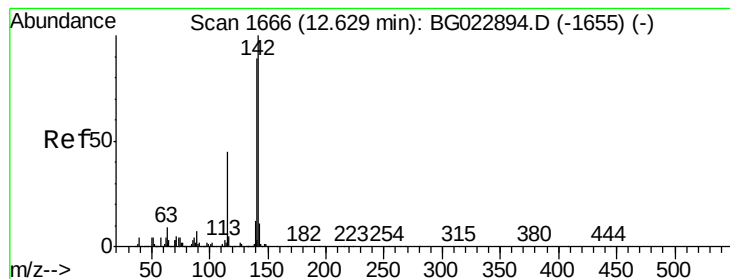
Tot Ion:113 Resp: 106965
Ion Ratio Lower Upper
113 100
55 170.2 154.5 194.5
56 138.9 125.1 165.1



#36
4-Chloro-3-methylphenol
Concen: 32.10 ng/ml
RT: 12.26 min Scan# 1604
Delta R.T. 0.01 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion:107 Resp: 405565
Ion Ratio Lower Upper
107 100
144 20.7 17.0 25.6
142 65.9 53.0 79.6





#37

2-Methylnaphthalene

Concen: 31.51 ng

RT: 12.63 min Scan# 1666

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-19AMSD

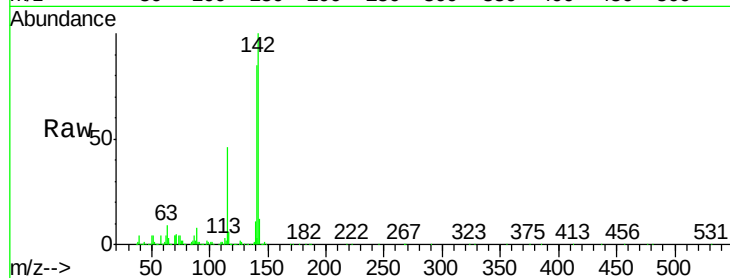
Tot Ion:142 Resp: 652323

Ion Ratio Lower Upper

142 100

141 85.2 70.2 105.2

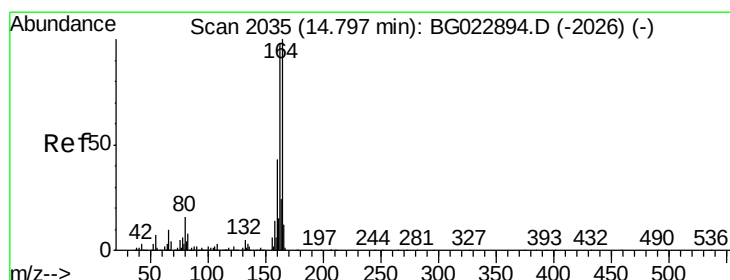
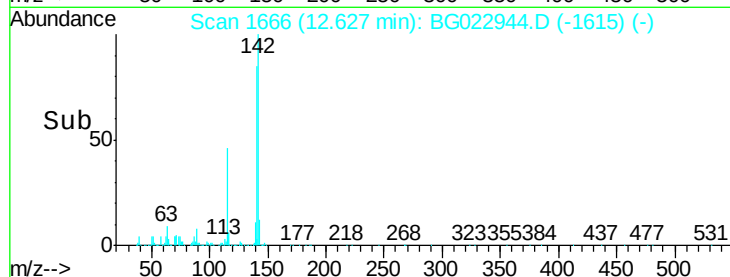
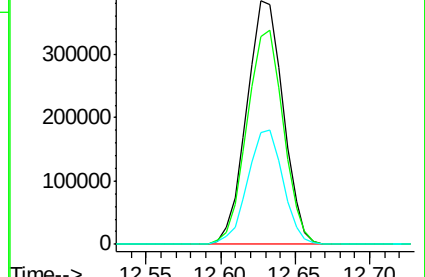
115 46.1 41.7 62.5



Abundance Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38

Acenaphthene-d10

Concen: 20.00 ng

RT: 14.80 min Scan# 2036

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

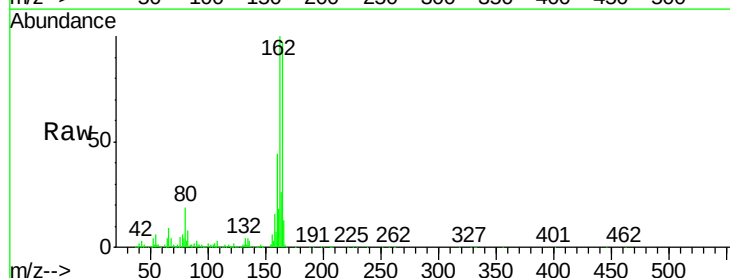
Tgt Ion:164 Resp: 398125

Ion Ratio Lower Upper

164 100

162 103.4 87.7 131.5

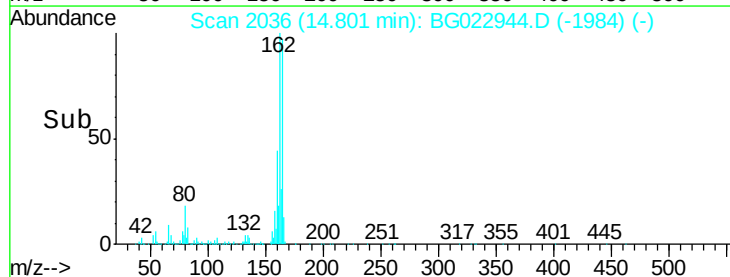
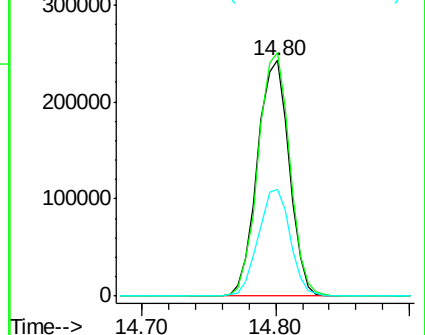
160 45.2 37.2 55.8

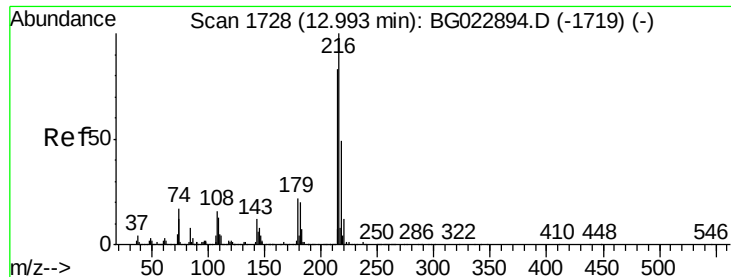


Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E





#39

1,2,4,5-Tetrachlorobenzene

Concen: 25.81 ng

RT: 12.99 min Scan# 1728

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-19AMSD

Tot Ion:216 Resp: 442769

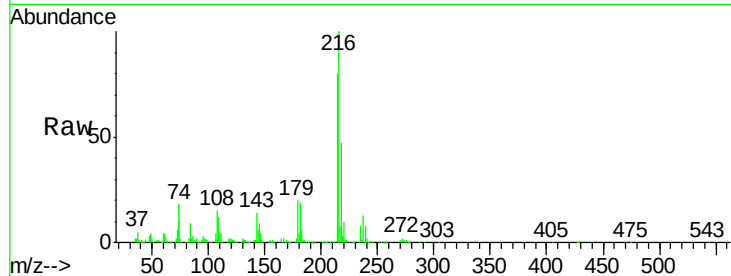
Ion Ratio Lower Upper

216 100

214 78.9 62.9 94.3

179 20.6 17.2 25.8

108 19.6 16.3 24.5

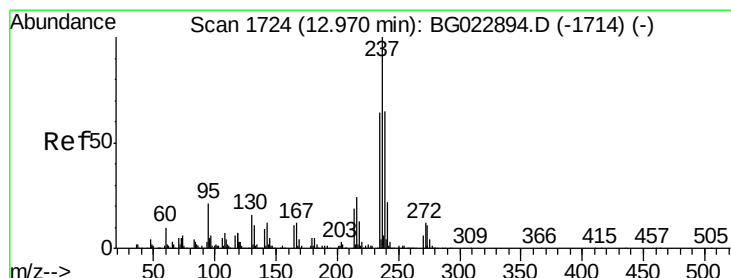
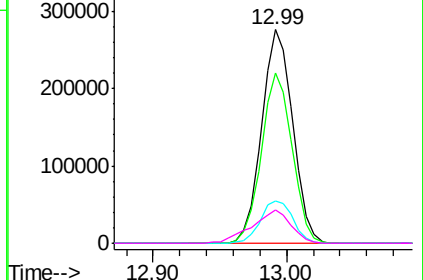
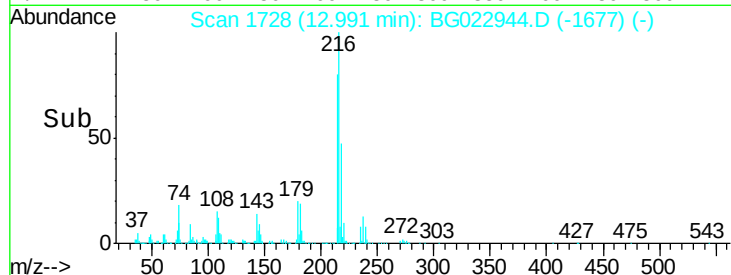


Abundance Ion 216.00 (215.70 to 216.70): E

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: 69.07 ng

RT: 12.97 min Scan# 1724

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

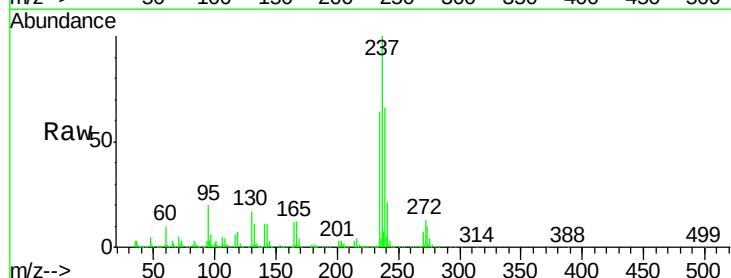
Tgt Ion:237 Resp: 682232

Ion Ratio Lower Upper

237 100

235 63.8 43.1 83.1

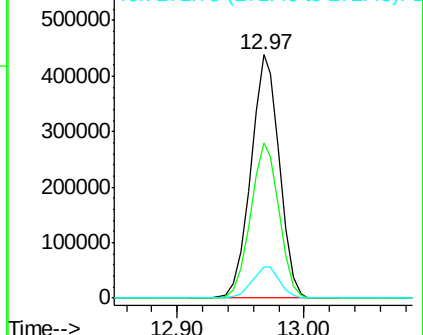
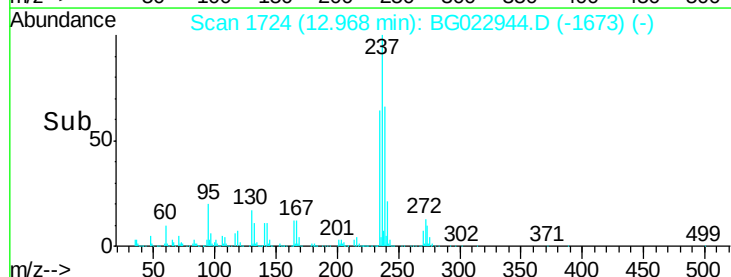
272 12.8 0.0 30.9

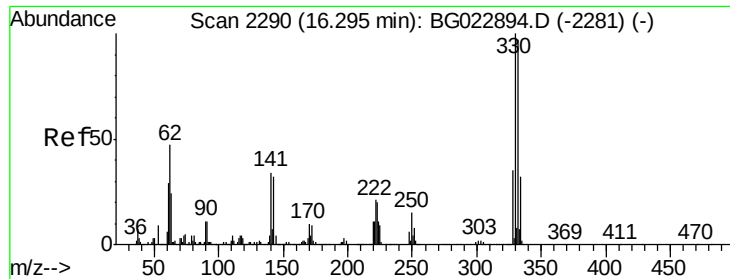


Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E

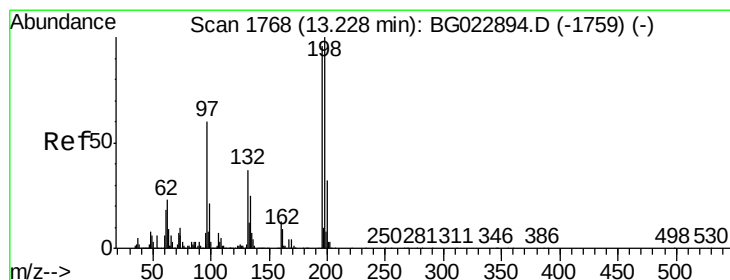
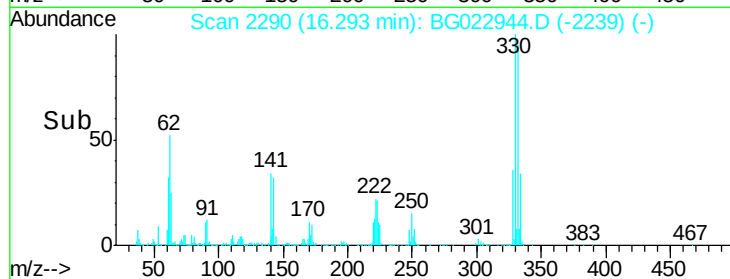
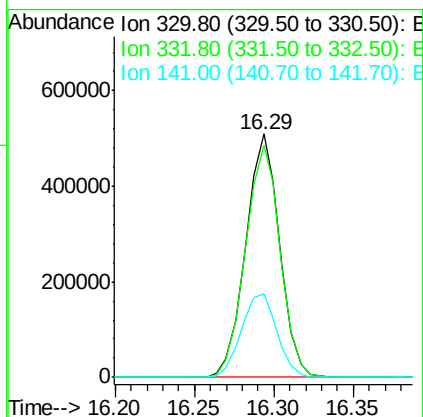
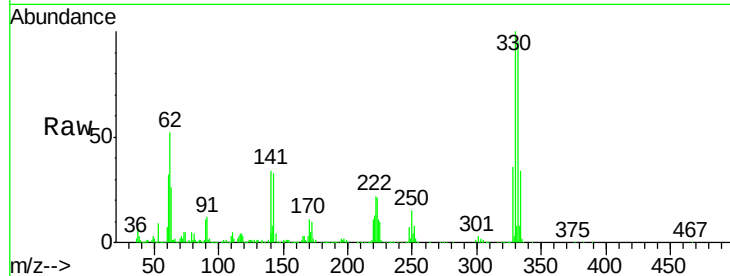




#41
 2,4,6-Tribromophenol
 Concen: 105.32 ng
 RT: 16.29 min Scan# 2290
 Delta R.T. -0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

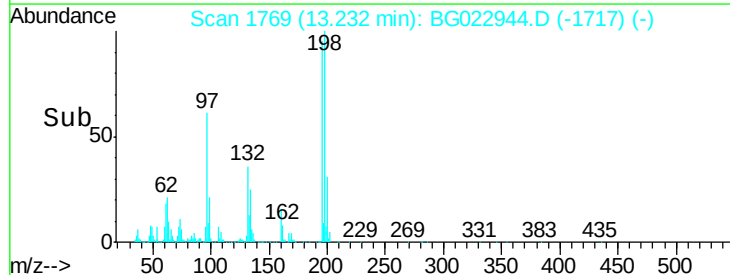
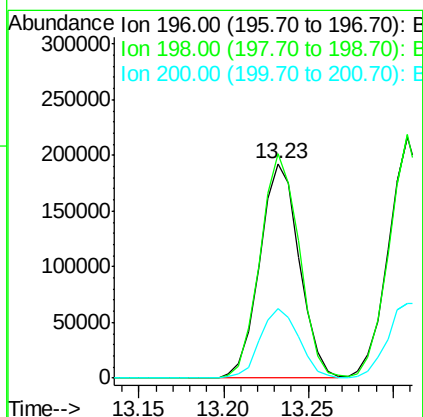
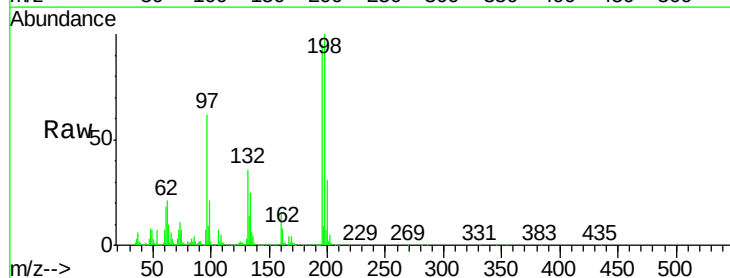
Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-19AMSD

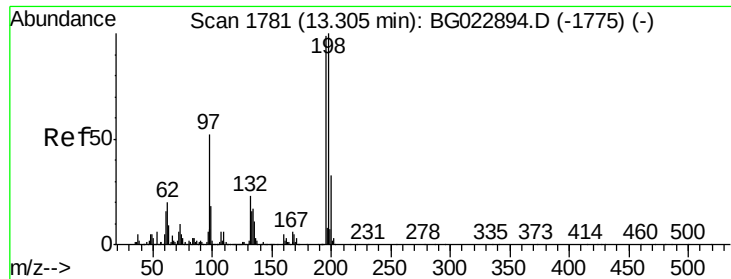
Tot Ion:330 Resp: 753624
 Ion Ratio Lower Upper
 330 100
 332 97.8 77.4 116.2
 141 36.2 31.7 47.5



#42
 2,4,6-Trichlorophenol
 Concen: 31.70 ng
 RT: 13.23 min Scan# 1769
 Delta R.T. 0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

Tgt Ion:196 Resp: 312622
 Ion Ratio Lower Upper
 196 100
 198 104.9 78.2 117.2
 200 32.4 27.0 40.4

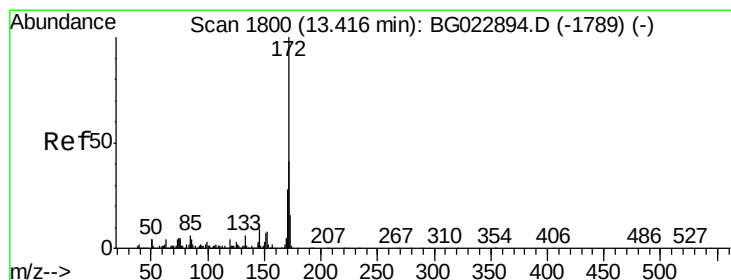
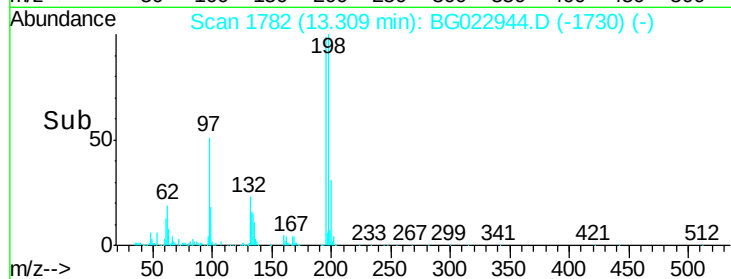
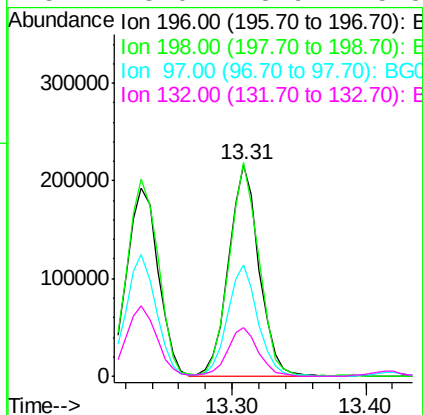
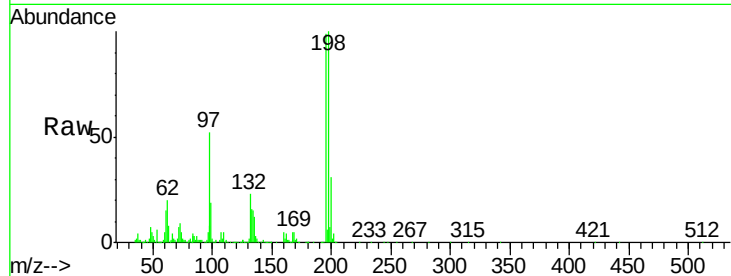




#43
2,4,5-Trichlorophenol
Concen: 33.83 ng
RT: 13.31 min Scan# 1782
Delta R.T. 0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

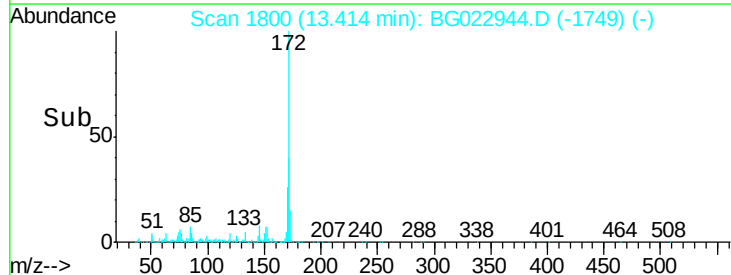
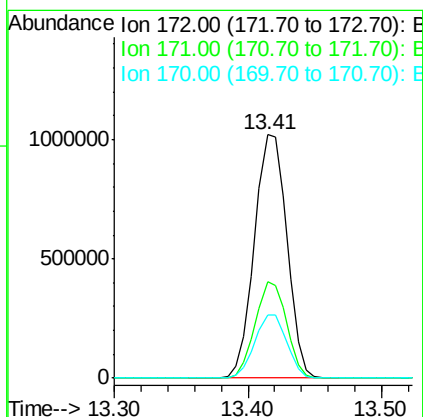
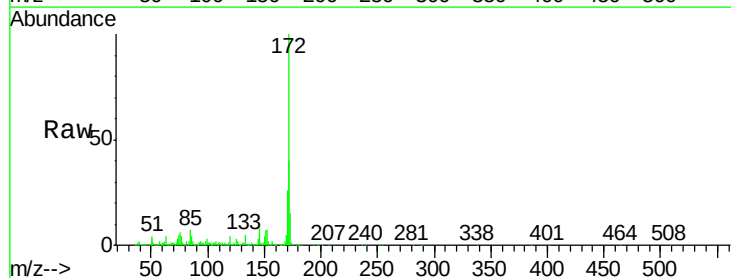
Instrument :
BNA_G
ClientSampleId :
LOCATION-19AMSD

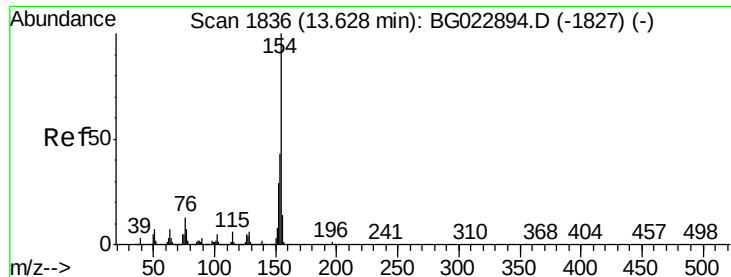
Tot Ion:196 Resp: 342549
Ion Ratio Lower Upper
196 100
198 101.0 85.7 128.5
97 52.6 45.5 68.3
132 23.0 18.9 28.3



#44
2-Fluorobiphenyl
Concen: 67.94 ng
RT: 13.41 min Scan# 1800
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion:172 Resp: 1717134
Ion Ratio Lower Upper
172 100
171 39.7 31.6 47.4
170 25.8 21.3 31.9

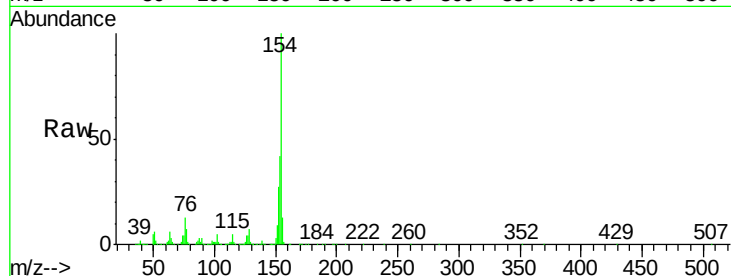




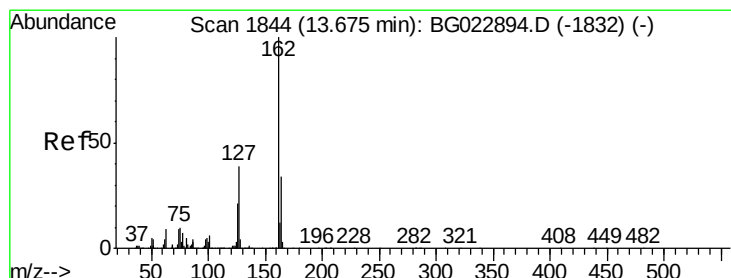
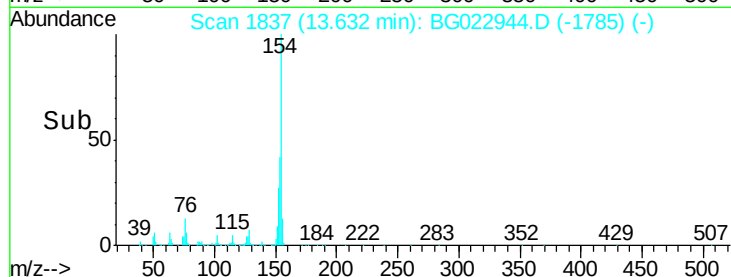
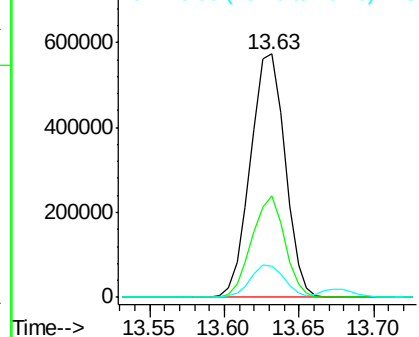
#45
1,1'-Biphenyl
Concen: 30.74 ng
RT: 13.63 min Scan# 1837
Delta R.T. 0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Instrument :
BNA_G
ClientSampleId :
LOCATION-19AMSD

Tot Ion	Ratio	Lower	Upper
154	100		
153	41.8	20.2	60.2
76	12.9	0.0	32.9

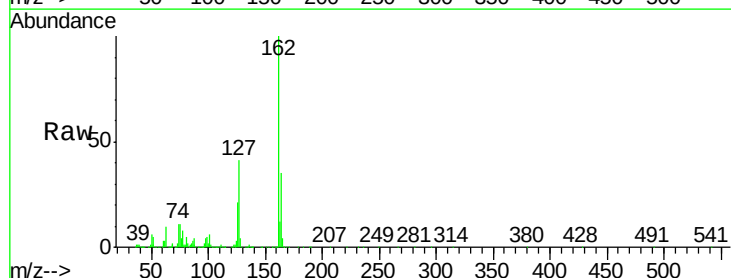


Abundance Ion 154.00 (153.70 to 154.70): E
Ion 153.00 (152.70 to 153.70): E
Ion 76.00 (75.70 to 76.70): B

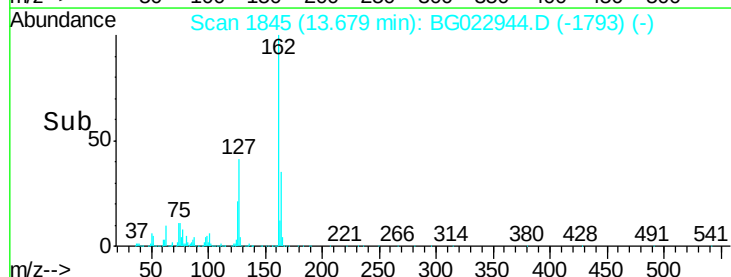
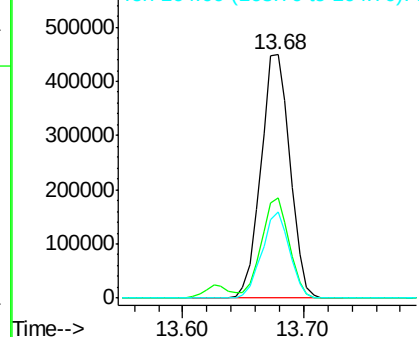


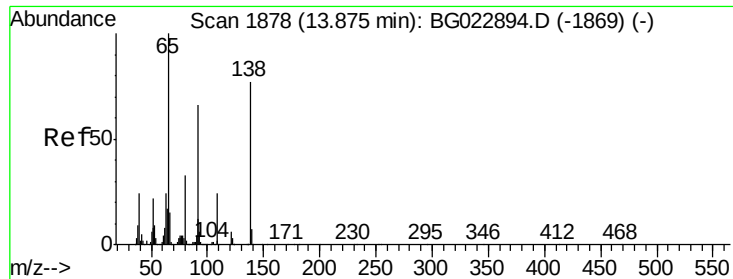
#46
2-Chloronaphthalene
Concen: 30.95 ng
RT: 13.68 min Scan# 1845
Delta R.T. 0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion	Ratio	Lower	Upper
162	100		
127	41.3	32.4	48.6
164	35.4	25.2	37.8



Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

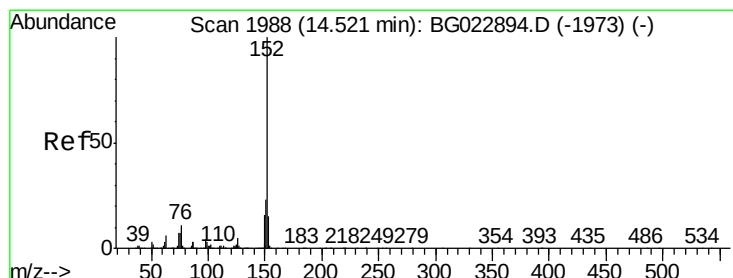
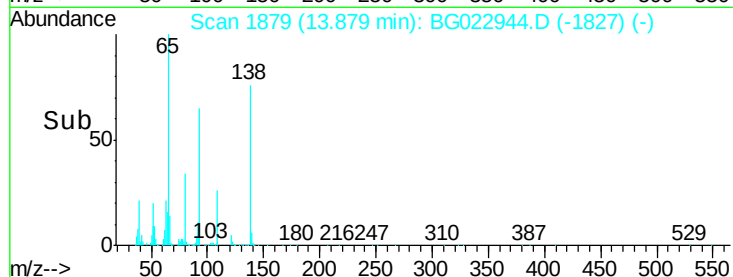
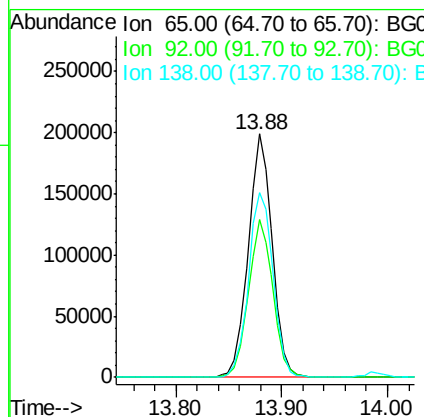
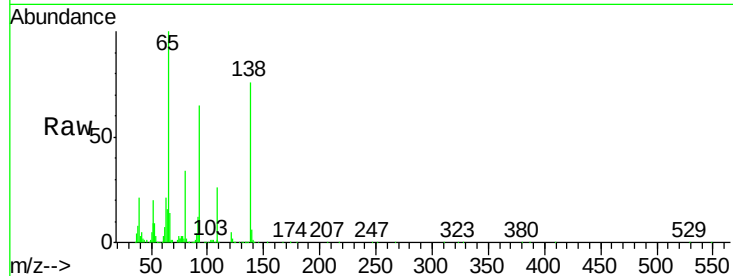




#47
2-Nitroaniline
Concen: 30.27 ng
RT: 13.88 min Scan# 1879
Delta R.T. 0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

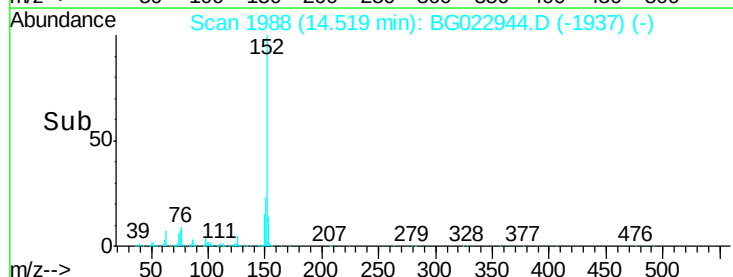
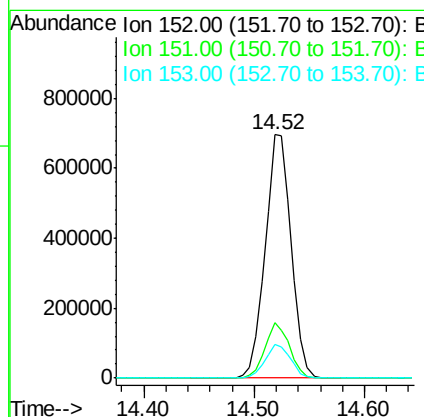
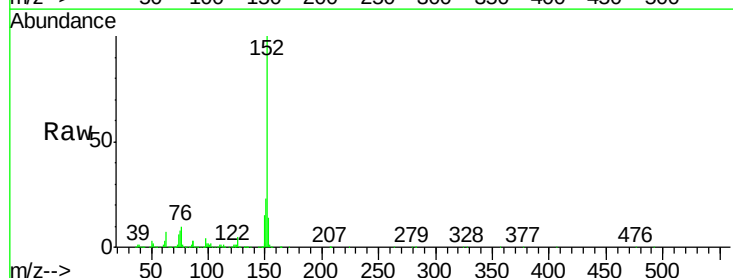
Instrument :
BNA_G
ClientSampleId :
LOCATION-19AMSD

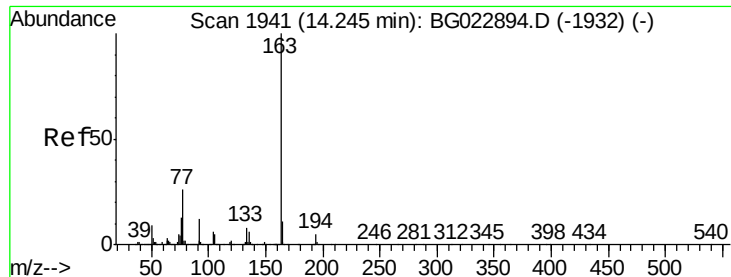
Tot Ion: 65 Resp: 312994
Ion Ratio Lower Upper
65 100
92 65.1 49.4 74.0
138 75.7 58.0 87.0



#48
Acenaphthylene
Concen: 31.53 ng
RT: 14.52 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion: 152 Resp: 1146042
Ion Ratio Lower Upper
152 100
151 22.9 17.6 26.4
153 13.7 11.4 17.2





#49

Dimethylphthalate

Concen: 43.53 ng

RT: 14.24 min Scan# 1941

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-19AMSD

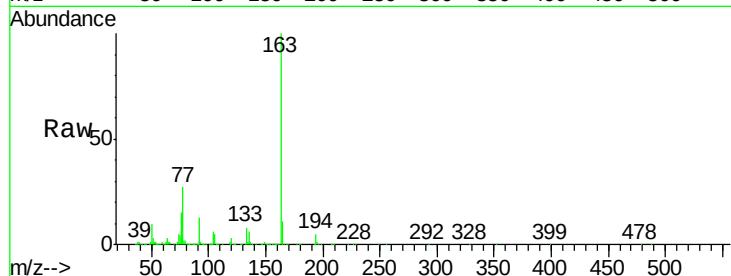
Tot Ion:163 Resp: 1415515

Ion Ratio Lower Upper

163 100

194 4.9 3.6 5.4

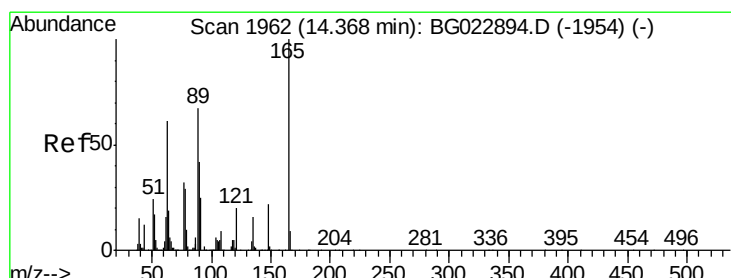
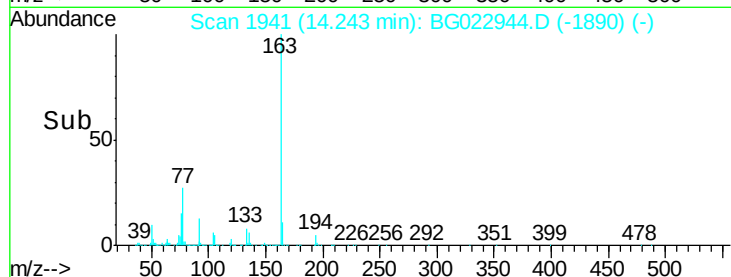
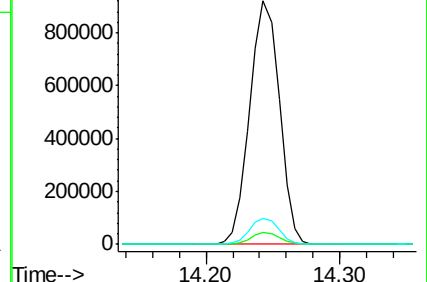
164 10.8 8.1 12.1



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: 32.07 ng

RT: 14.37 min Scan# 1962

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

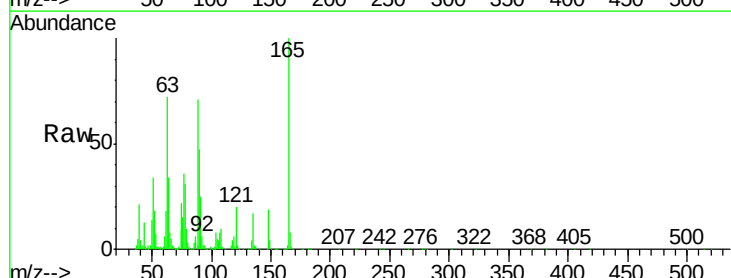
Tgt Ion:165 Resp: 234375

Ion Ratio Lower Upper

165 100

63 72.3 64.3 96.5

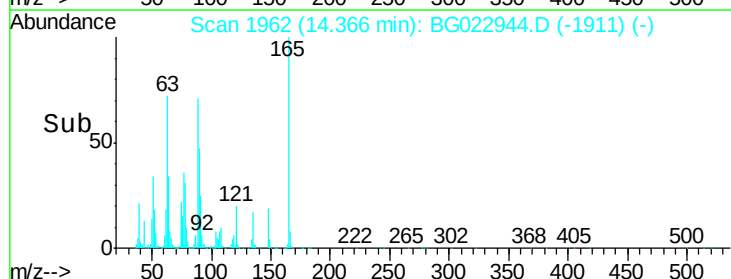
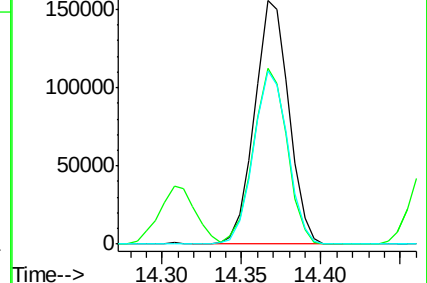
89 71.1 64.3 96.5

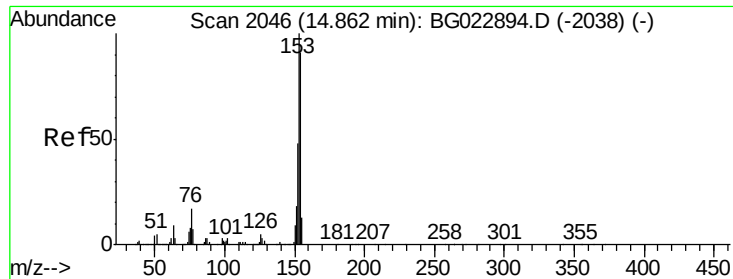


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC





#51

Acenaphthene

Concen: 31.58 ng

RT: 14.86 min Scan# 2046

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-19AMSD

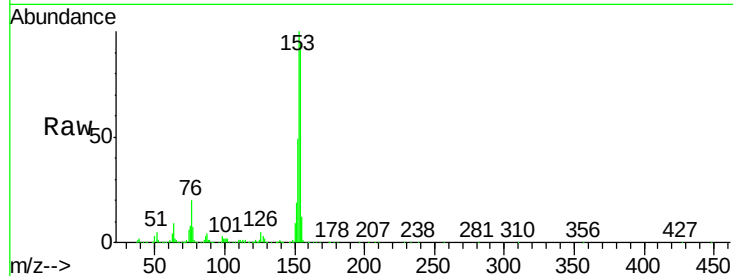
Tot Ion:154 Resp: 750106

Ion Ratio Lower Upper

154 100

153 106.4 87.5 131.3

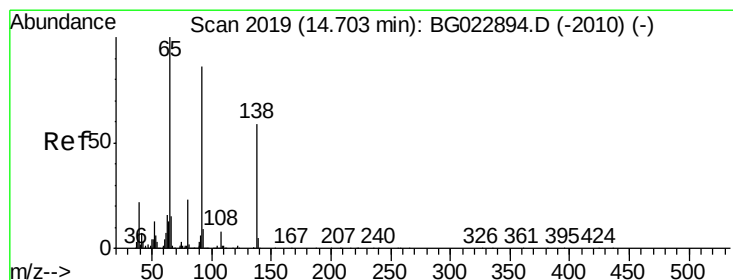
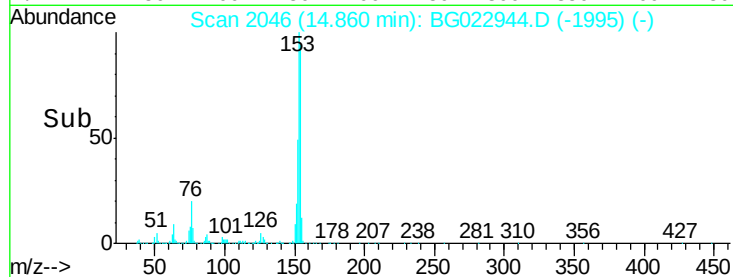
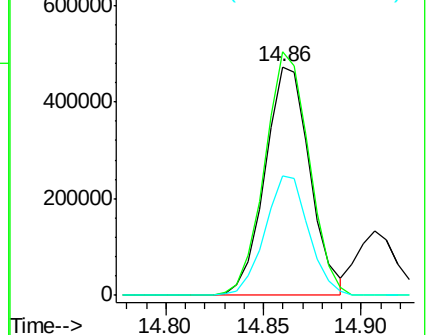
152 52.2 42.7 64.1



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: 18.89 ng

RT: 14.70 min Scan# 2019

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

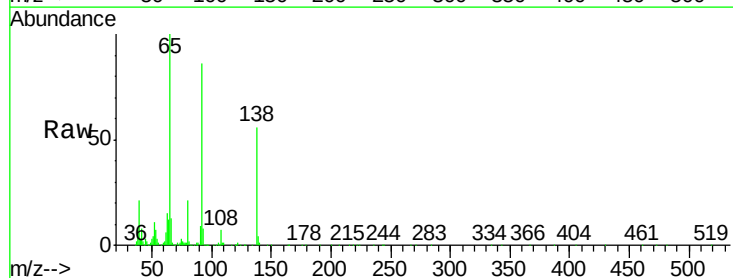
Tgt Ion:138 Resp: 137661

Ion Ratio Lower Upper

138 100

108 13.4 11.7 17.5

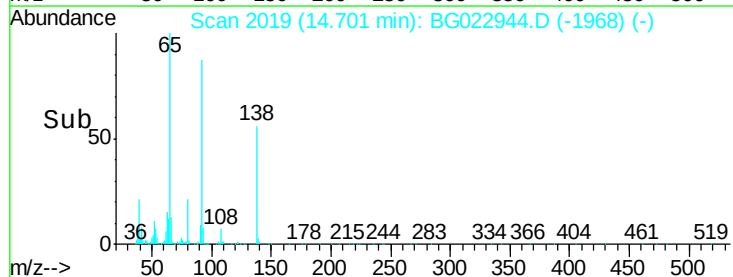
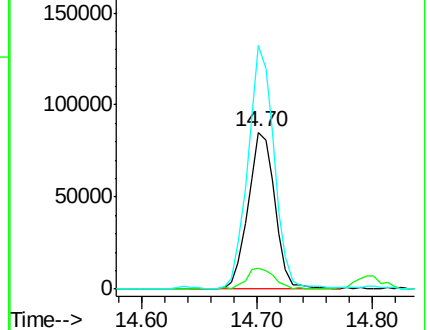
92 155.0 129.7 194.5

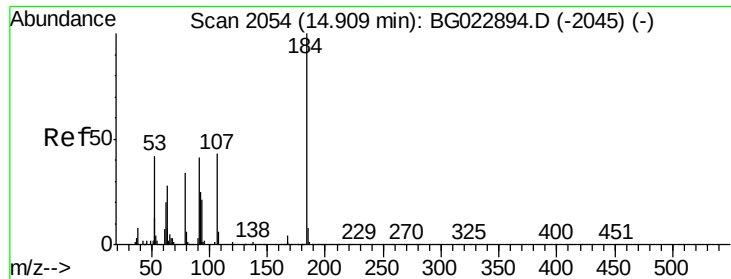


Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC

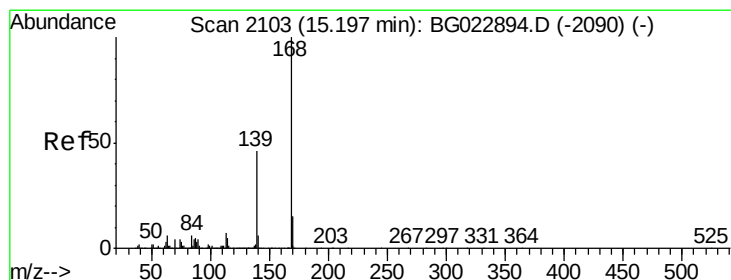
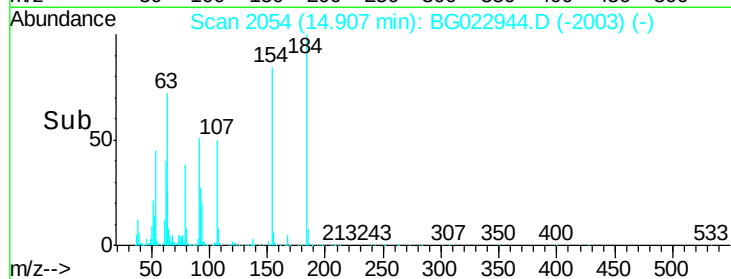
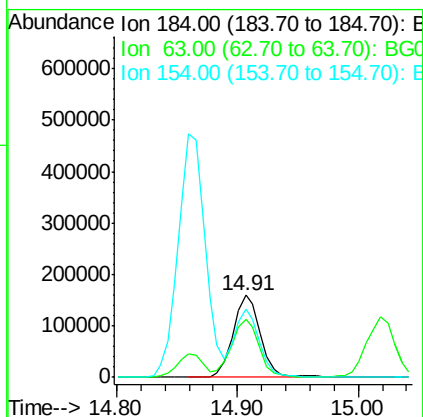
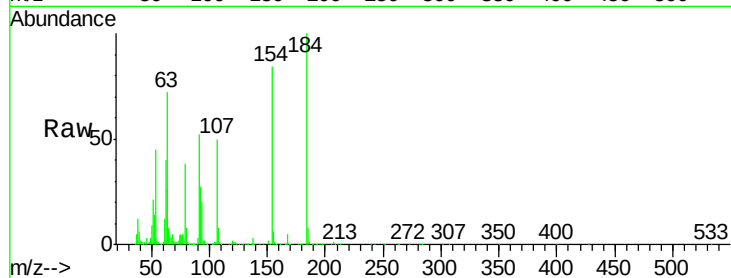




#53
2,4-Dinitrophenol
Concen: 50.03 ng
RT: 14.91 min Scan# 2054
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

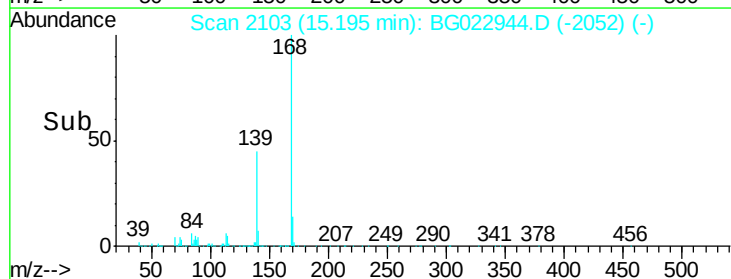
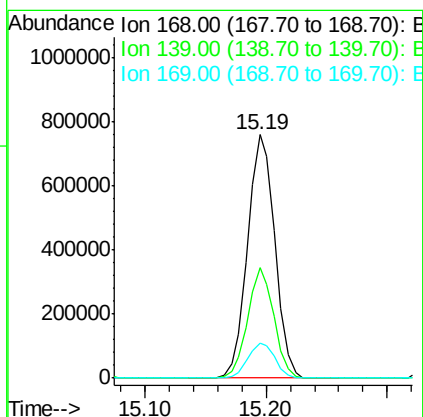
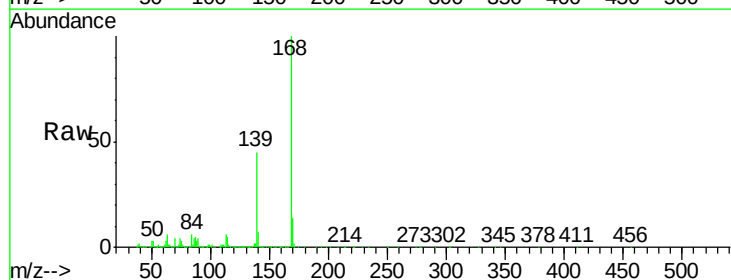
Instrument :
BNA_G
ClientSampleId :
LOCATION-19AMSD

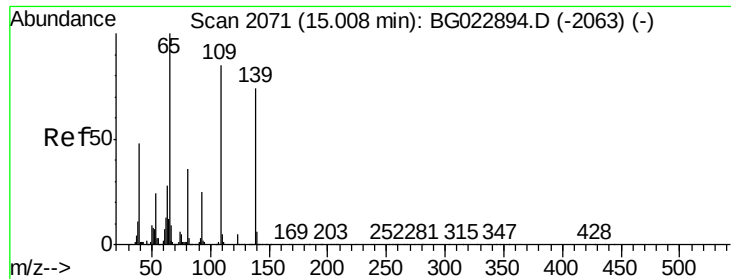
Tot Ion:184 Resp: 250904
Ion Ratio Lower Upper
184 100
63 71.7 59.6 89.4
154 83.8 67.4 101.0



#54
Dibenzofuran
Concen: 33.58 ng
RT: 15.19 min Scan# 2103
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion:168 Resp: 1193982
Ion Ratio Lower Upper
168 100
139 45.2 36.4 54.6
169 14.2 11.9 17.9

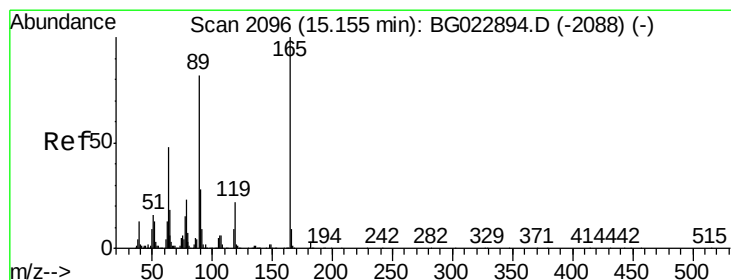
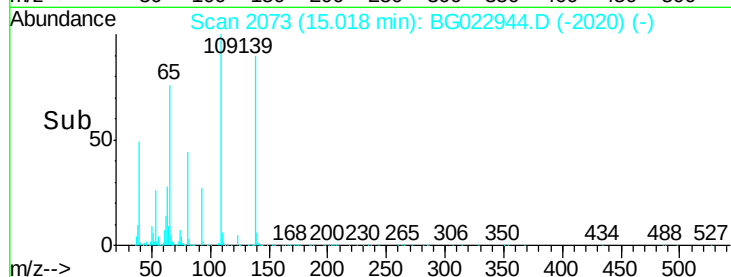
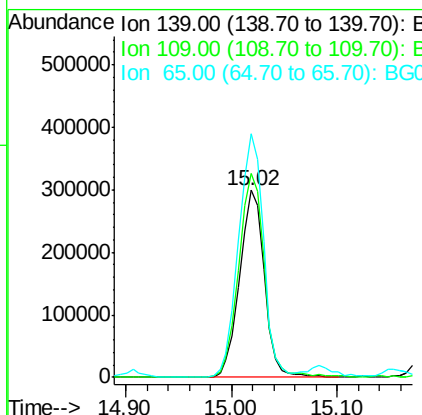
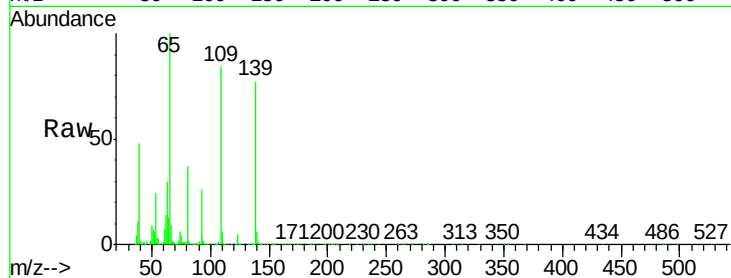




#55
4-Nitrophenol
Concen: 79.18 ng
RT: 15.02 min Scan# 2073
Delta R.T. 0.01 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

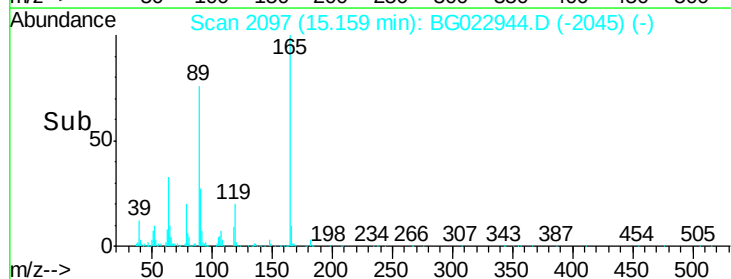
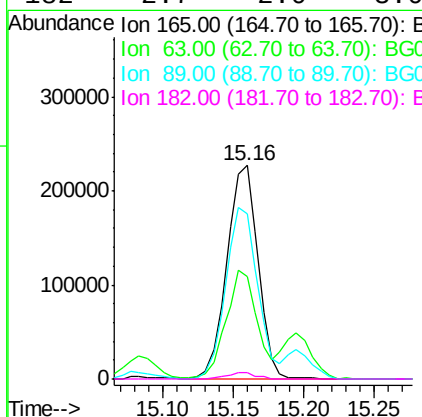
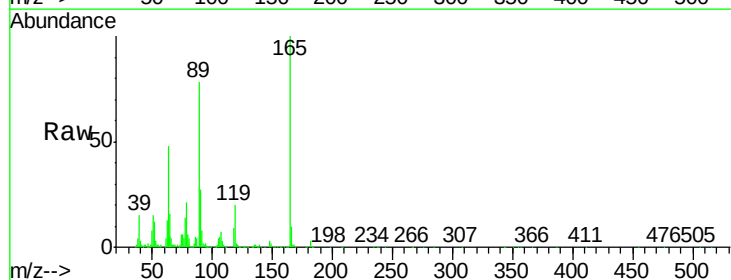
Instrument :
BNA_G
ClientSampleId :
LOCATION-19AMSD

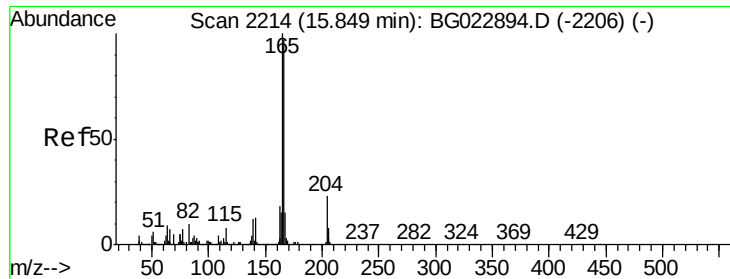
Tot Ion:139 Resp: 483714
Ion Ratio Lower Upper
139 100
109 109.2 103.0 143.0
65 130.4 112.7 152.7



#56
2,4-Dinitrotoluene
Concen: 32.61 ng
RT: 15.16 min Scan# 2097
Delta R.T. 0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion:165 Resp: 347441
Ion Ratio Lower Upper
165 100
63 48.2 45.8 68.6
89 77.6 68.6 102.8
182 2.7 2.0 3.0

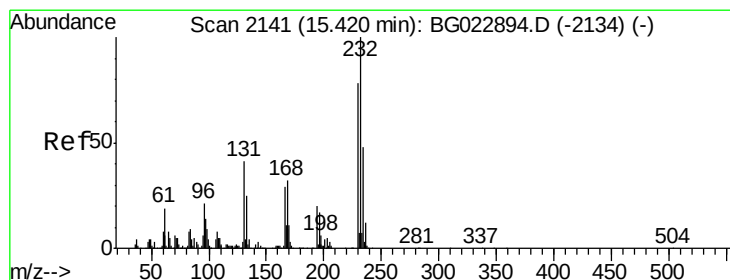
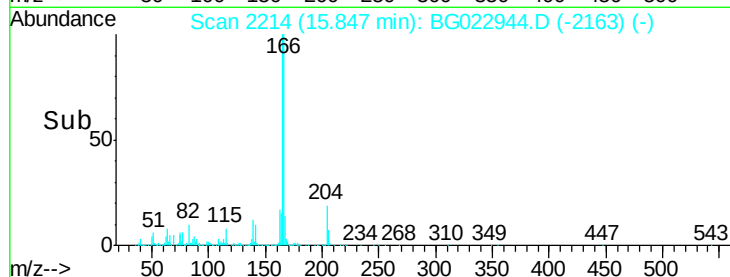
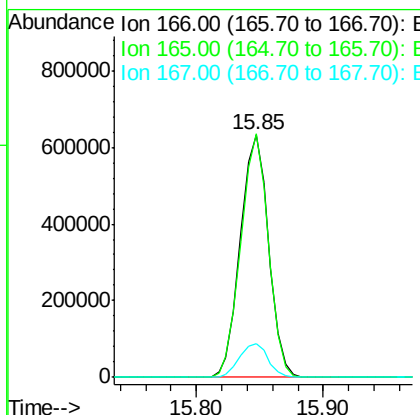
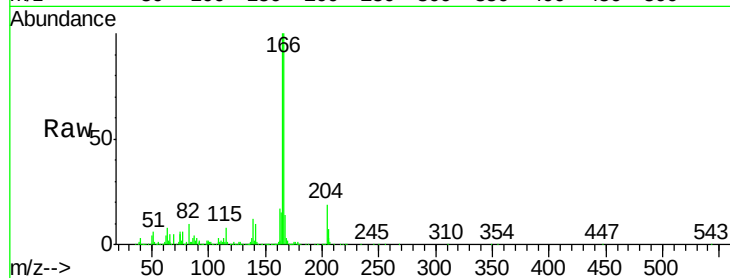




#57
 Fluorene
 Concen: 31.90 ng
 RT: 15.85 min Scan# 2214
 Delta R.T. -0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

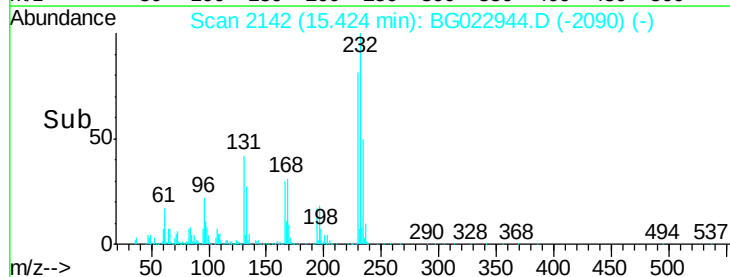
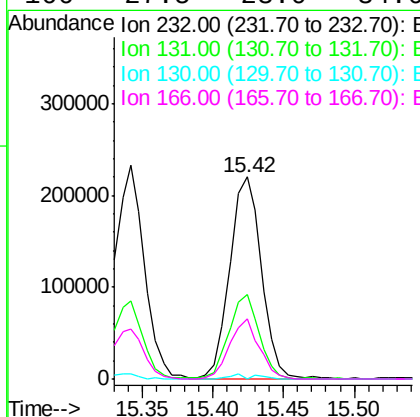
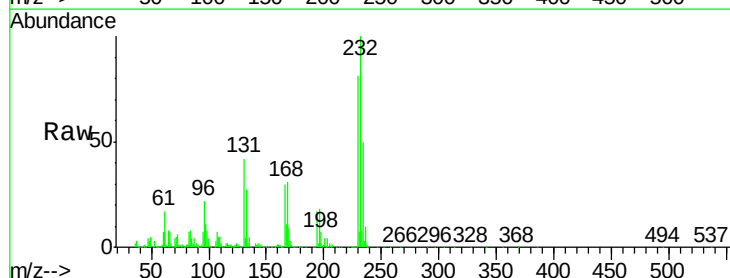
Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-19AMSD

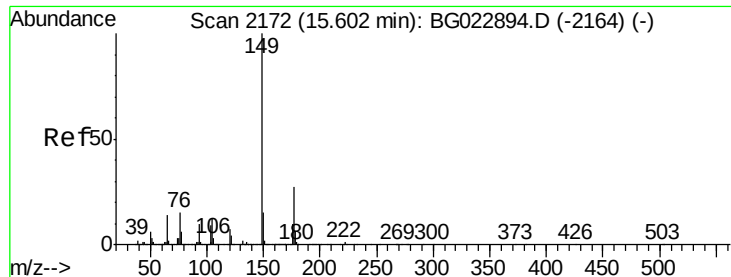
Tot Ion	Ratio	Lower	Upper
166	100		
165	100.4	81.0	121.6
167	14.0	12.0	18.0



#58
 2,3,4,6-Tetrachlorophenol
 Concen: 33.91 ng
 RT: 15.42 min Scan# 2142
 Delta R.T. 0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

Tgt Ion	Ratio	Lower	Upper
232	100		
131	39.1	32.7	49.1
130	1.1	2.6	3.8
166	27.5	23.0	34.6

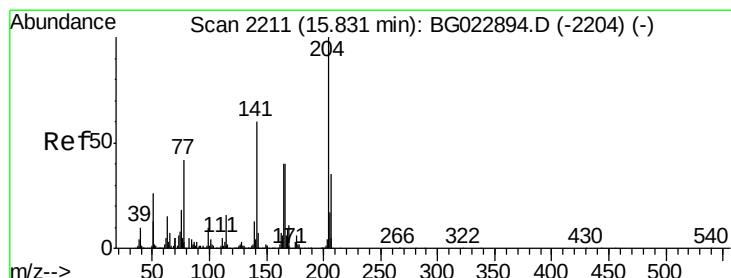
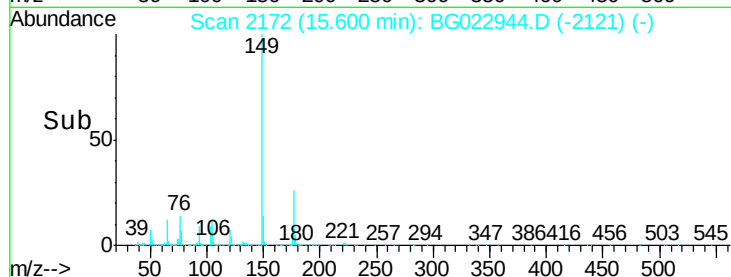
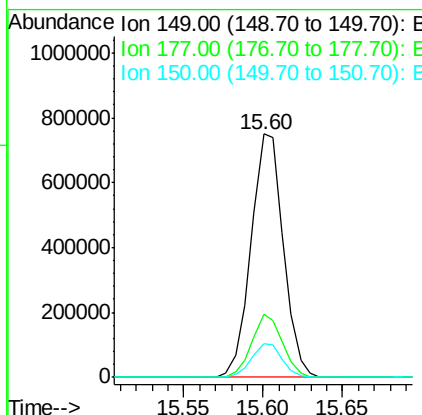
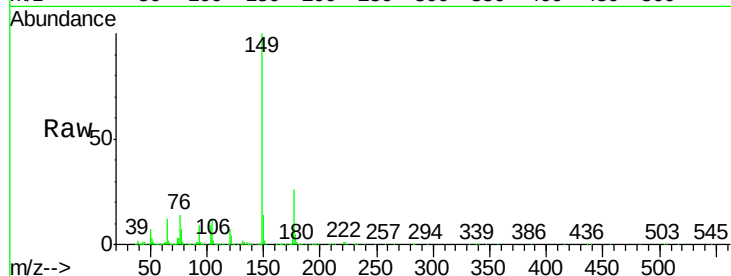




#59
Diethylphthalate
Concen: 32.03 ng
RT: 15.60 min Scan# 2172
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

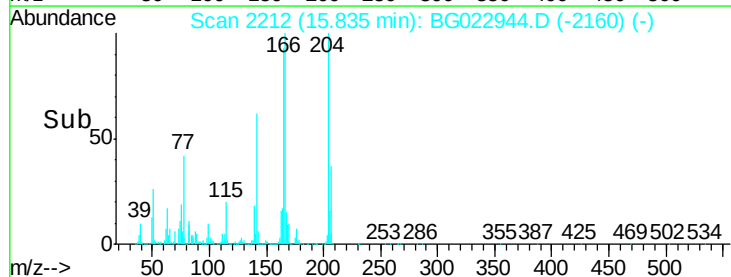
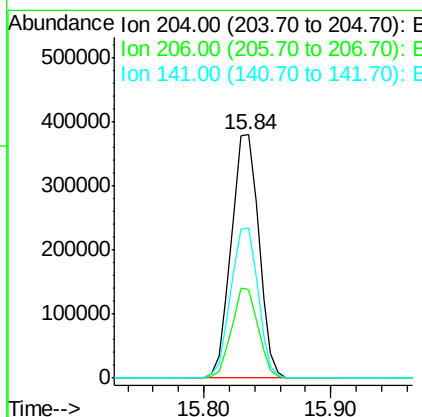
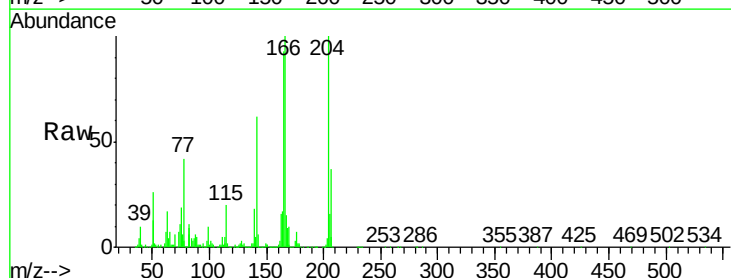
Instrument :
BNA_G
ClientSampleId :
LOCATION-19AMSD

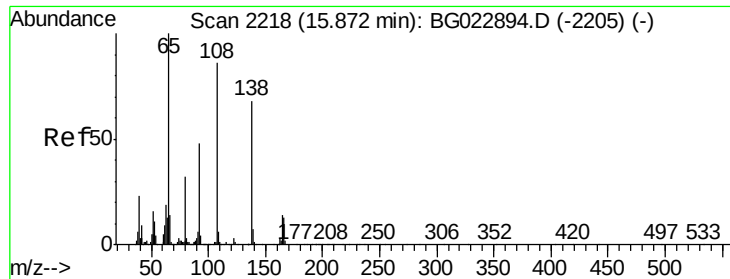
Tot Ion:149 Resp: 1059809
Ion Ratio Lower Upper
149 100
177 25.7 19.2 28.8
150 13.9 10.6 16.0



#60
4-Chlorophenyl-phenylether
Concen: 30.59 ng
RT: 15.84 min Scan# 2212
Delta R.T. 0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion:204 Resp: 570073
Ion Ratio Lower Upper
204 100
206 36.7 28.5 42.7
141 61.7 51.4 77.0

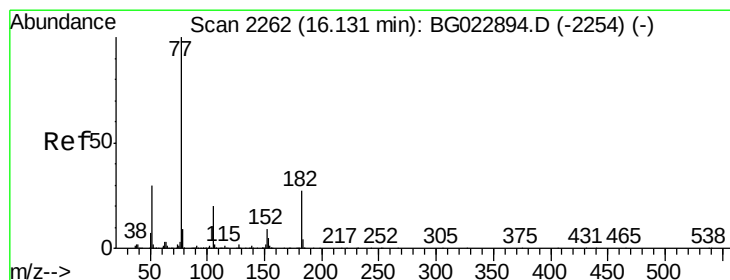
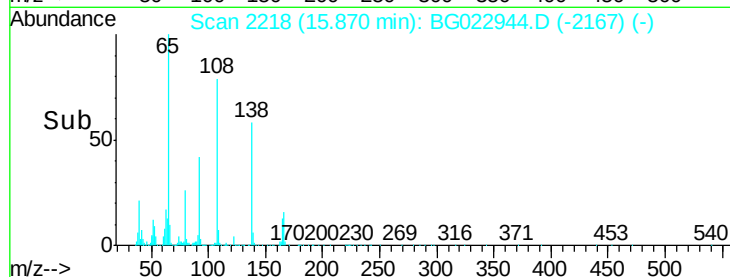
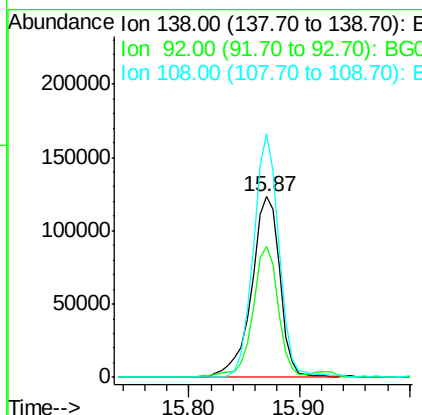
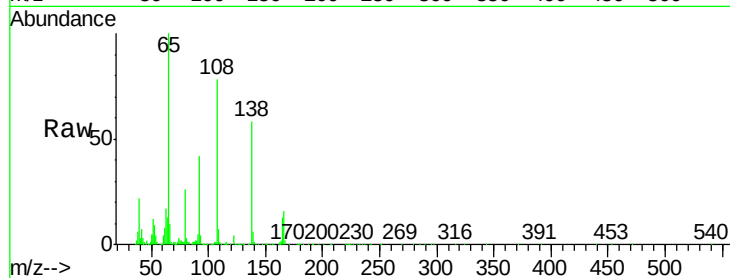




#61
4-Nitroaniline
Concen: 28.17 ng
RT: 15.87 min Scan# 2218
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

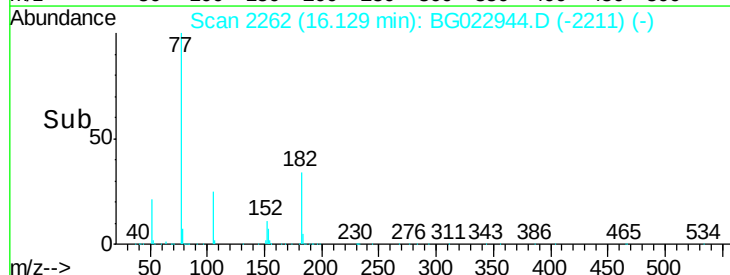
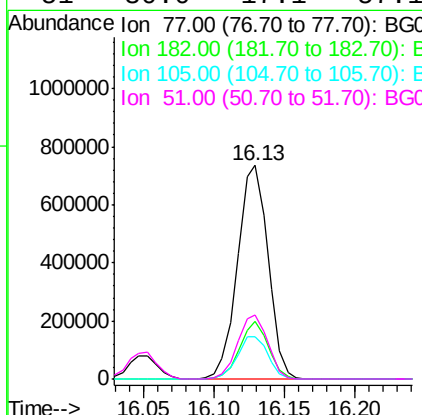
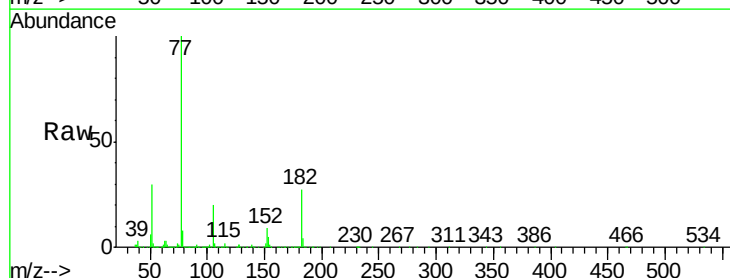
Instrument :
BNA_G
ClientSampleId :
LOCATION-19AMSD

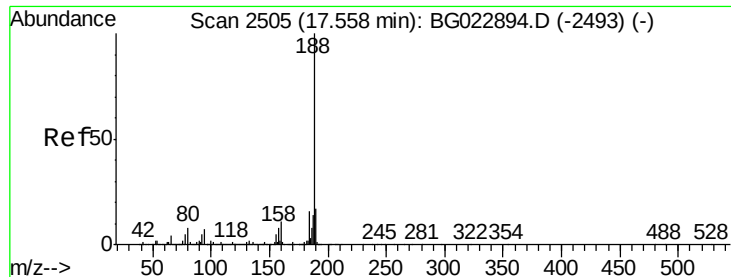
Tot Ion:138 Resp: 222132
Ion Ratio Lower Upper
138 100
92 72.4 54.1 94.1
108 134.8 133.9 173.9



#62
Azobenzene
Concen: 35.14 ng
RT: 16.13 min Scan# 2262
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion: 77 Resp: 1112255
Ion Ratio Lower Upper
77 100
182 26.7 3.5 43.5
105 20.0 0.0 38.5
51 30.0 17.1 57.1





#63

Phenanthrene-d10

Concen: 20.00 ng

RT: 17.56 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-19AMSD

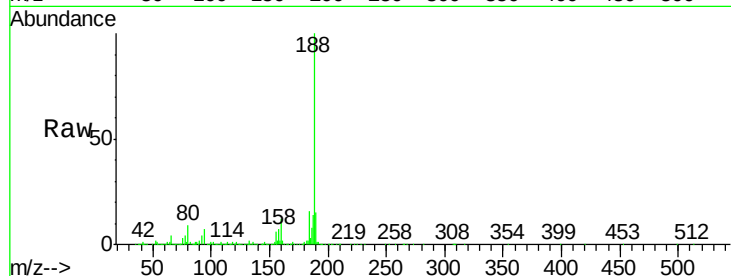
Tot Ion:188 Resp: 968267

Ion Ratio Lower Upper

188 100

94 7.1 5.2 7.8

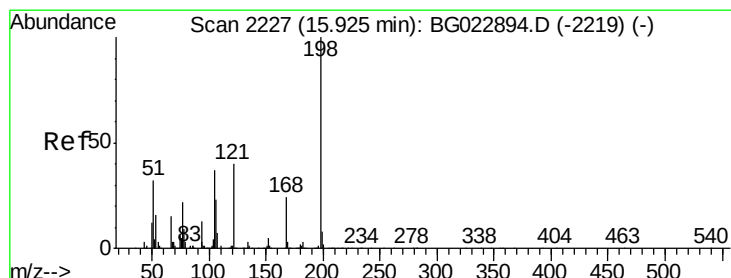
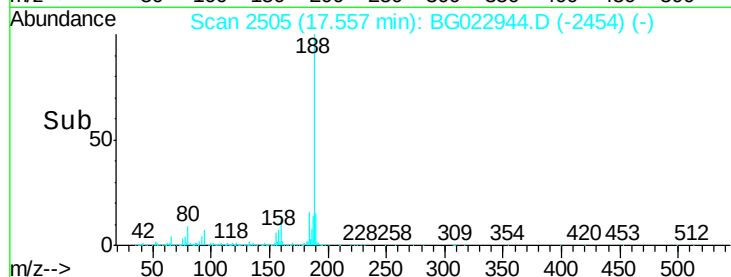
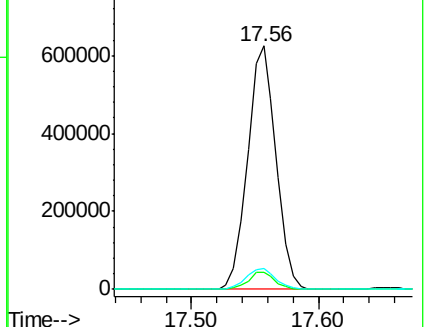
80 8.5 7.2 10.8



Abundance Ion 188.00 (187.70 to 188.70): E

Ion 94.00 (93.70 to 94.70): BG

Ion 80.00 (79.70 to 80.70): BG



#64

4,6-Dinitro-2-methylphenol

Concen: 28.78 ng

RT: 15.92 min Scan# 2226

Delta R.T. -0.01 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

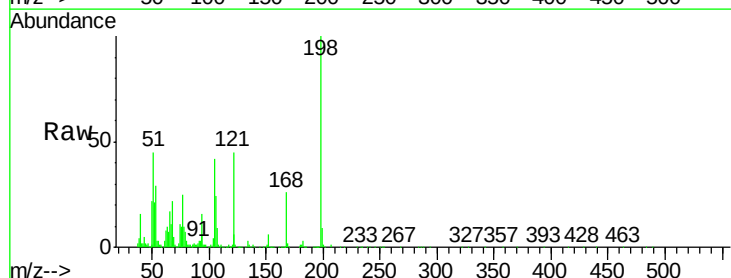
Tgt Ion:198 Resp: 207077

Ion Ratio Lower Upper

198 100

51 45.0 26.0 66.0

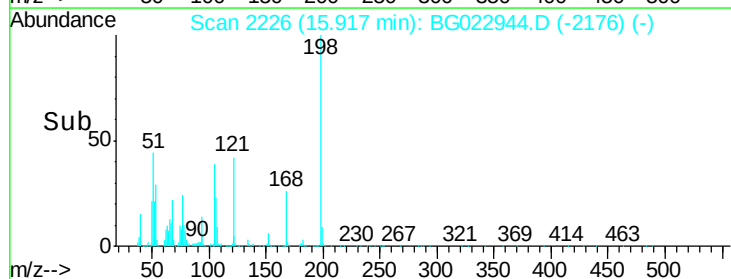
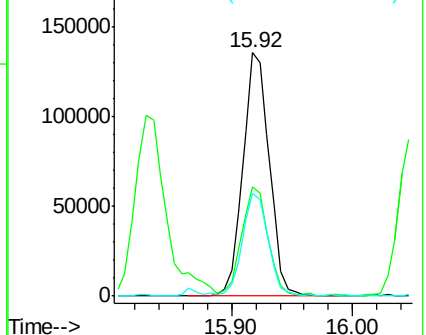
105 42.4 20.1 60.1

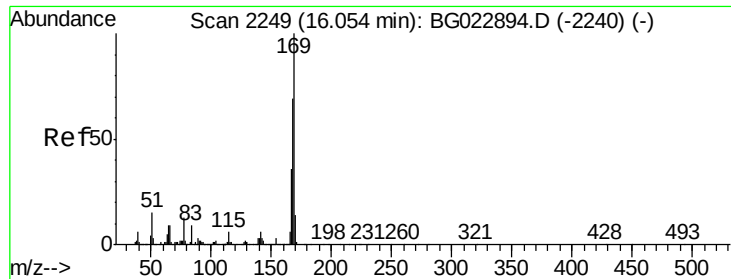


Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

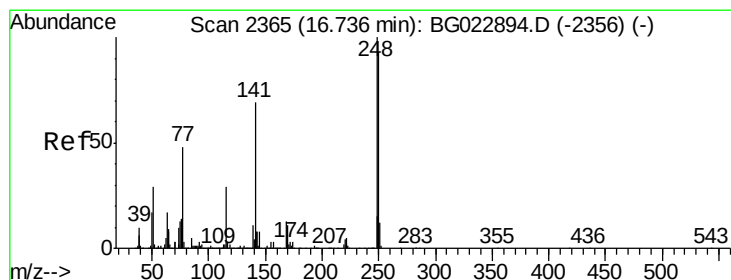
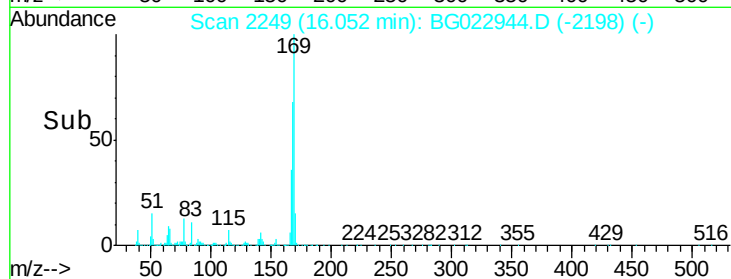
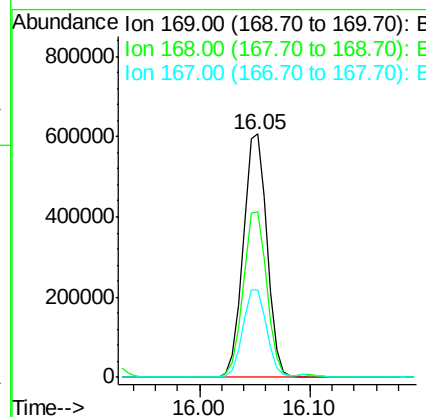
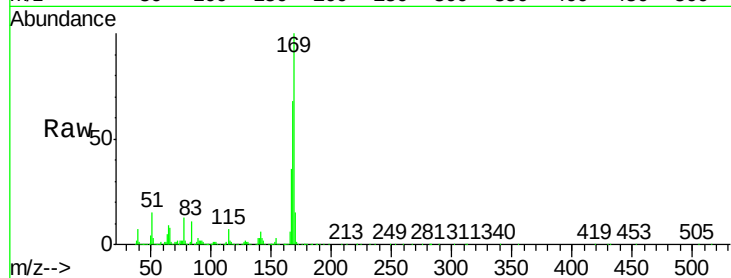




#65
n-Nitrosodiphenylamine
Concen: 32.81 ng
RT: 16.05 min Scan# 2249
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

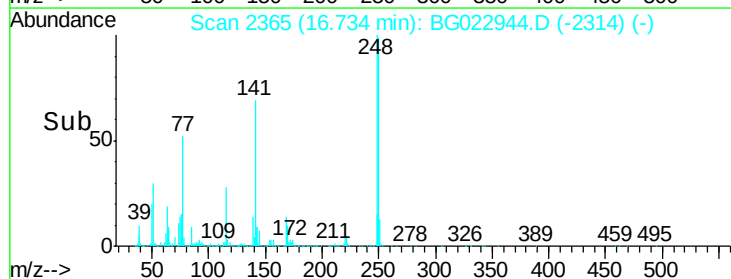
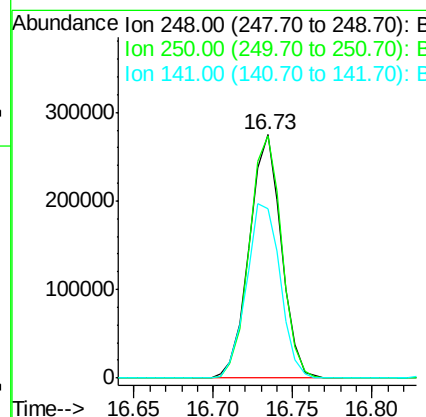
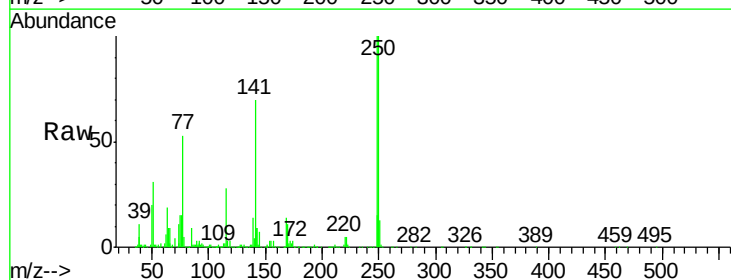
Instrument :
BNA_G
ClientSampleId :
LOCATION-19AMSD

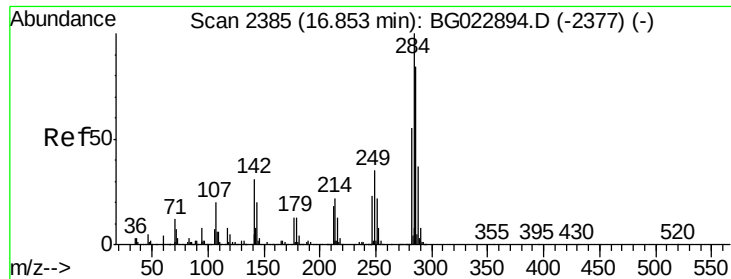
Tot Ion	Ratio	Lower	Upper
169	100		
168	68.1	55.0	82.4
167	35.8	27.4	41.0



#66
4-Bromophenyl-phenylether
Concen: 30.51 ng
RT: 16.73 min Scan# 2365
Delta R.T. -0.00 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion	Ratio	Lower	Upper
248	100		
250	99.5	77.8	116.8
141	69.6	65.7	98.5





#67

Hexachlorobenzene

Concen: 30.19 ng

RT: 16.85 min Scan# 2385

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-19AMSD

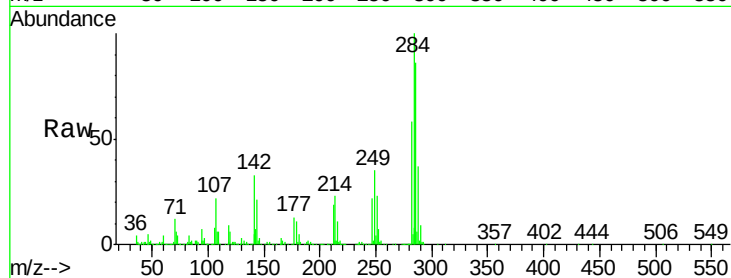
Tot Ion:284 Resp: 413572

Ion Ratio Lower Upper

284 100

142 33.0 26.8 40.2

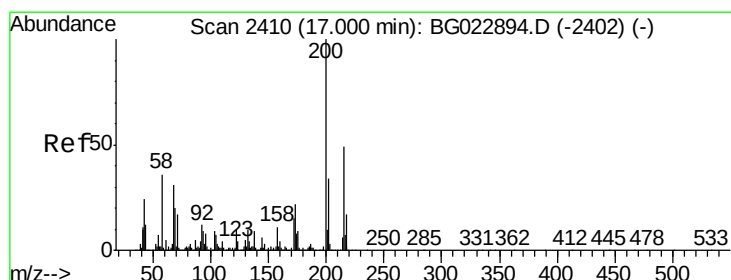
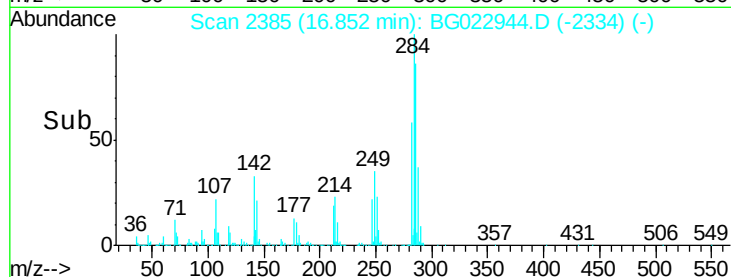
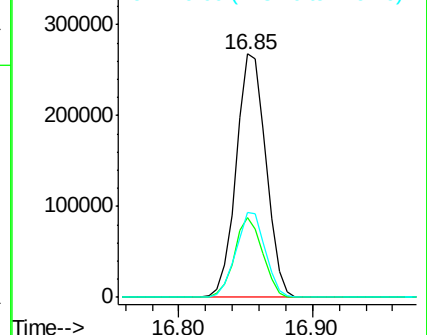
249 34.7 28.9 43.3



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: 32.74 ng

RT: 17.00 min Scan# 2410

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

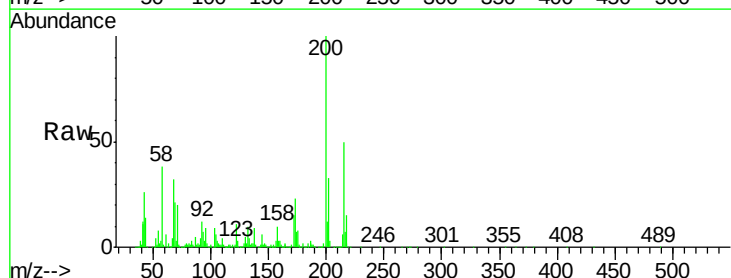
Tgt Ion:200 Resp: 405153

Ion Ratio Lower Upper

200 100

173 23.5 1.6 41.6

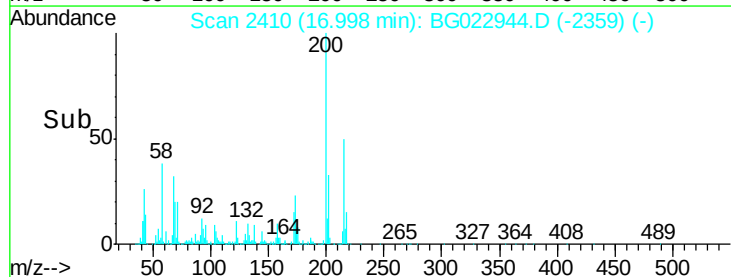
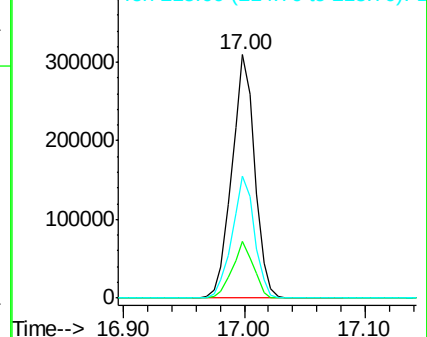
215 50.1 28.7 68.7

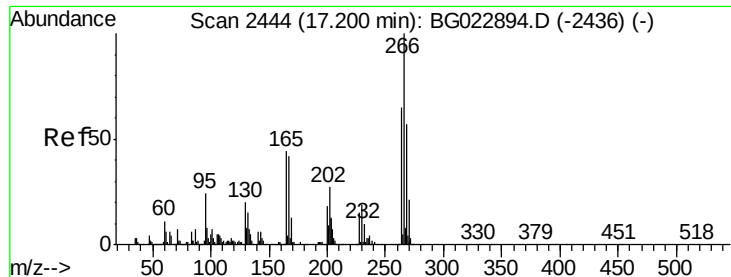


Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E

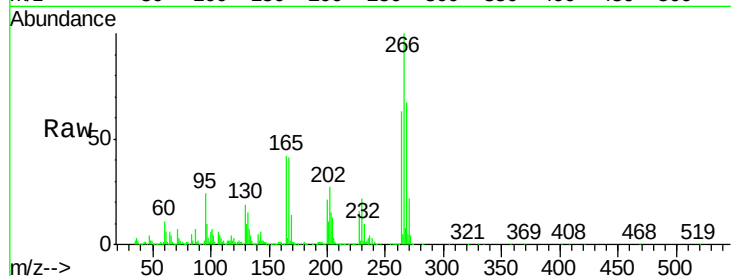




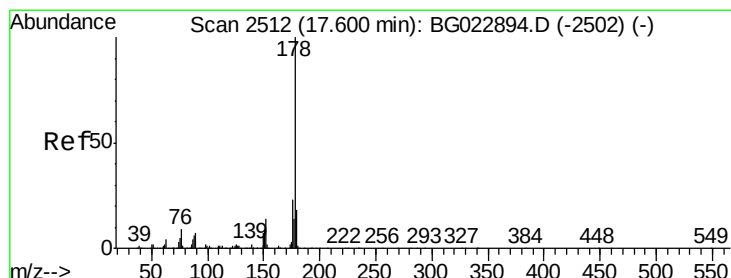
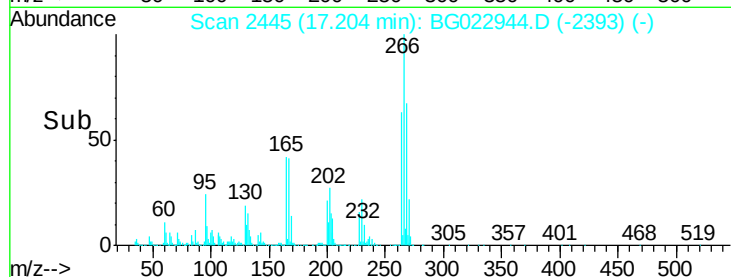
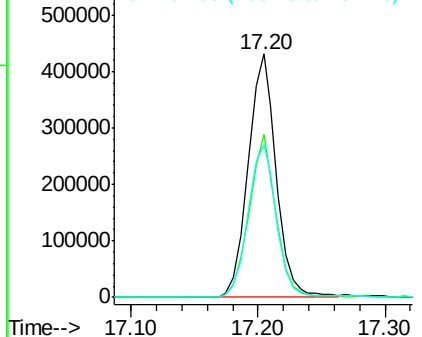
#69
 Pentachlorophenol
 Concen: 74.39 ng
 RT: 17.20 min Scan# 2445
 Delta R.T. 0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-19AMSD

Tot Ion	Ratio	Lower	Upper
266	100		
268	66.8	51.9	77.9
264	62.8	50.6	75.8

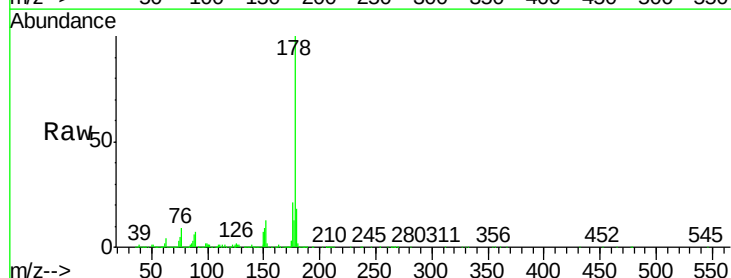


Abundance Ion 265.70 (265.40 to 266.40): E
 Ion 268.00 (267.70 to 268.70): E
 Ion 264.00 (263.70 to 264.70): E

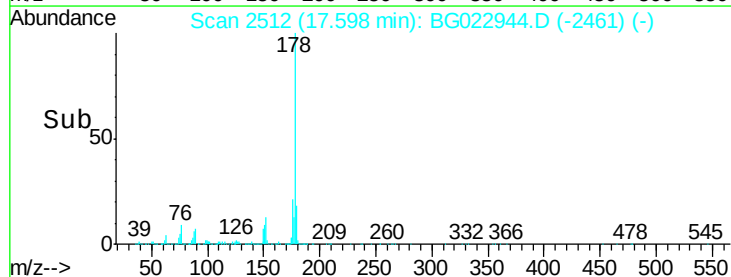
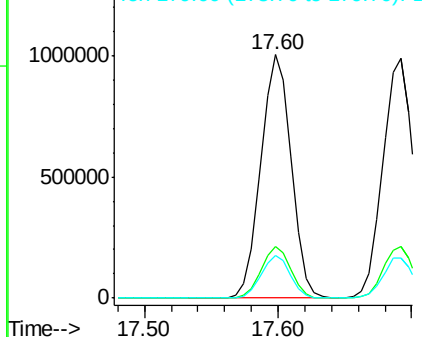


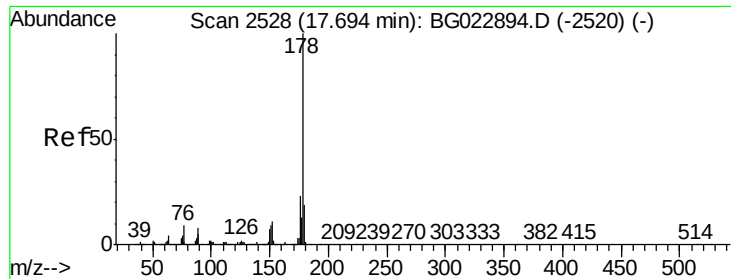
#70
 Phenanthrene
 Concen: 33.24 ng
 RT: 17.60 min Scan# 2512
 Delta R.T. -0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.4	16.8	25.2
179	17.7	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: 32.60 ng

RT: 17.69 min Scan# 2528

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-19AMSD

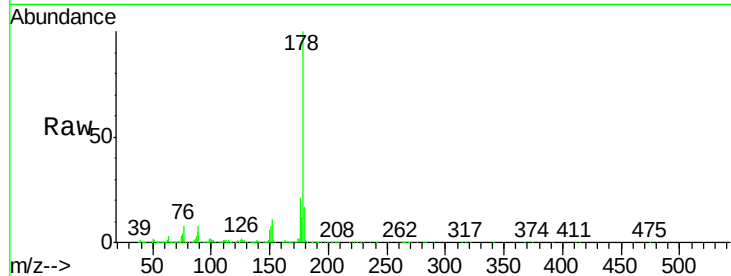
Tot Ion:178 Resp: 1566349

Ion Ratio Lower Upper

178 100

176 21.3 17.3 25.9

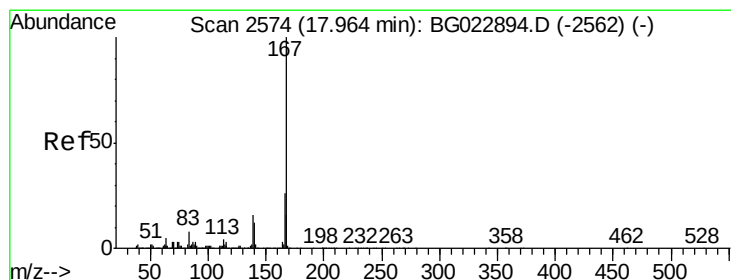
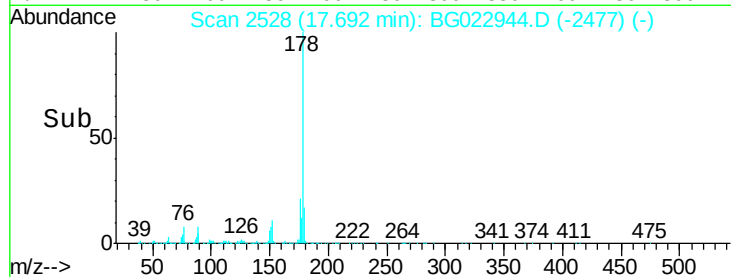
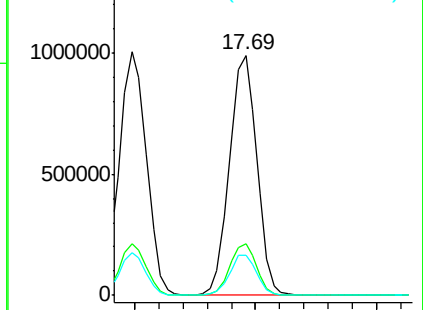
179 16.7 14.0 21.0



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



#72

Carbazole

Concen: 33.16 ng

RT: 17.96 min Scan# 2574

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

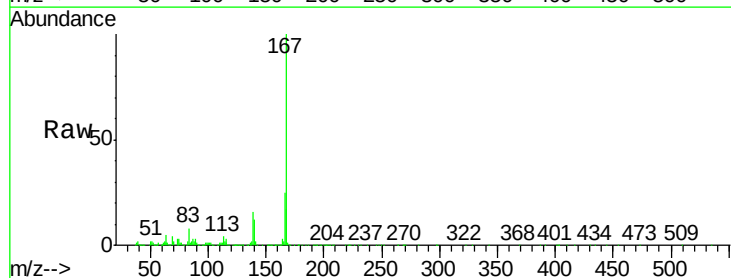
Tgt Ion:167 Resp: 1376847

Ion Ratio Lower Upper

167 100

166 24.9 20.7 31.1

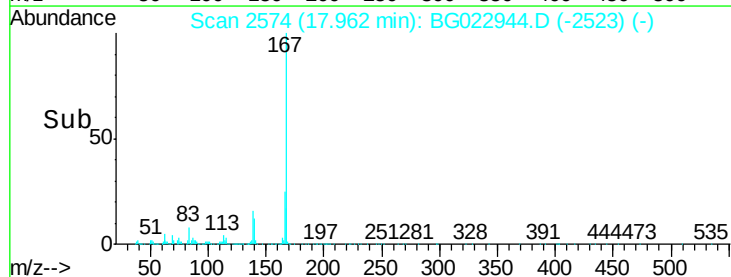
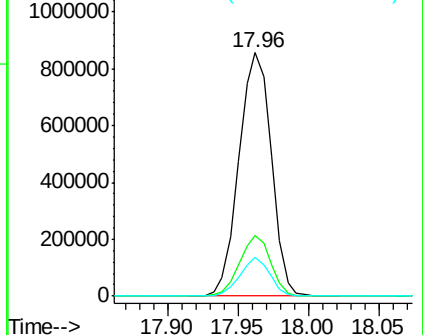
139 15.7 11.9 17.9

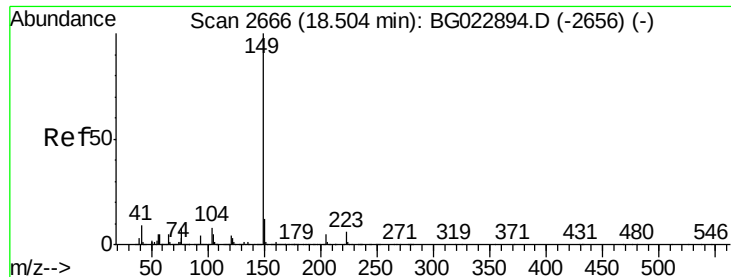


Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E





#73

Di-n-butylphthalate

Concen: 34.74 ng

RT: 18.50 min Scan# 2666

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

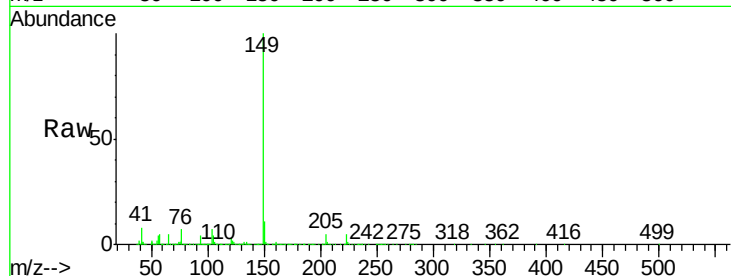
BNA_G

ClientSampleId :

LOCATION-19AMSD

Tot Ion:149 Resp: 1604228

Ion	Ratio	Lower	Upper
149	100		
150	11.0	9.1	13.7
104	7.1	6.9	10.3

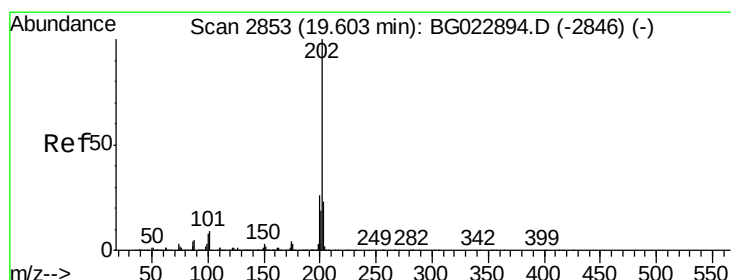
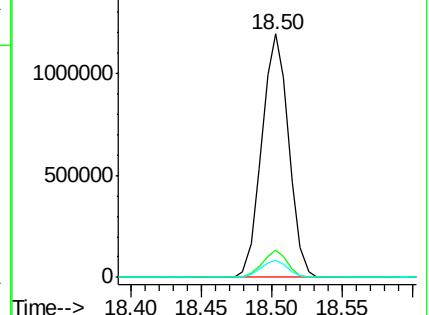
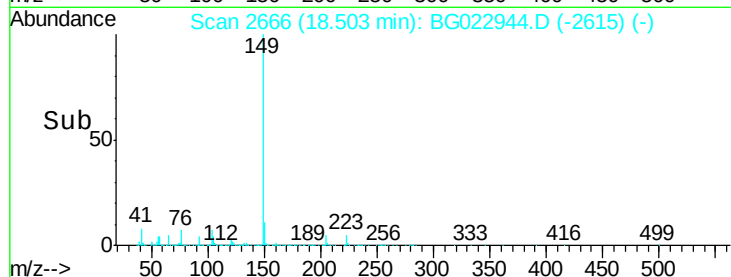


Abundance

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: 31.65 ng

RT: 19.60 min Scan# 2853

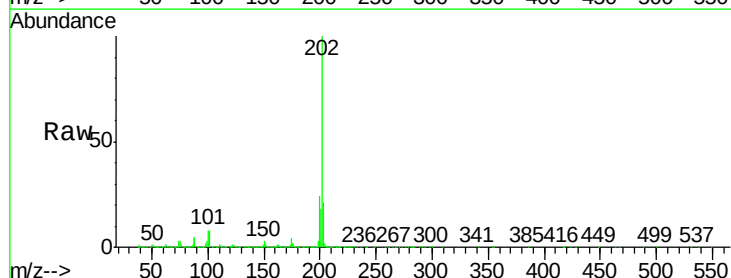
Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Tgt Ion:202 Resp: 1842798

Ion	Ratio	Lower	Upper
202	100		
101	8.1	0.0	27.4
203	20.7	1.7	41.7

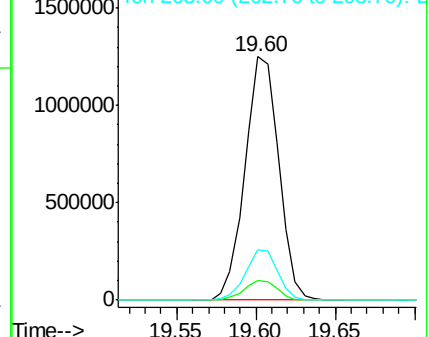
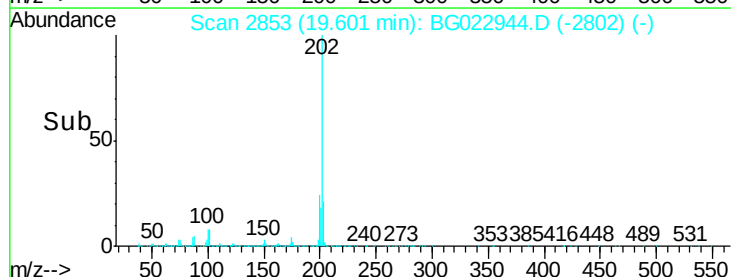


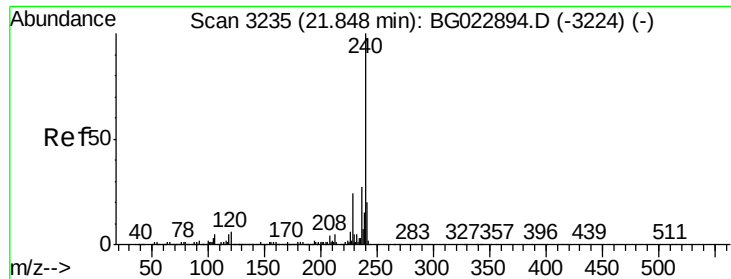
Abundance

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: 21.85 min Scan# 3235

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-19AMSD

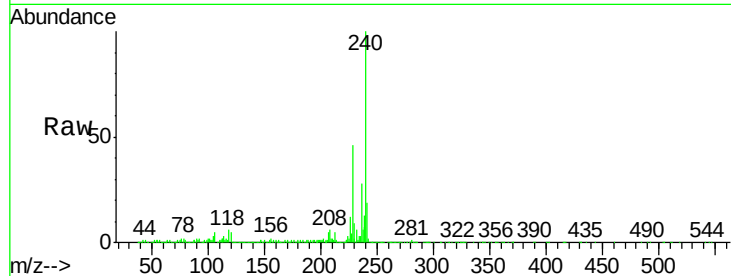
Tot Ion:240 Resp: 1029792

Ion Ratio Lower Upper

240 100

120 5.2 4.1 6.1

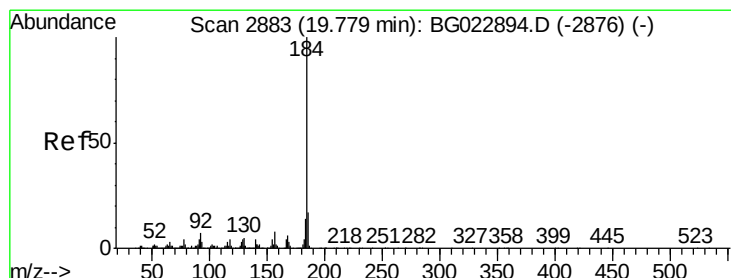
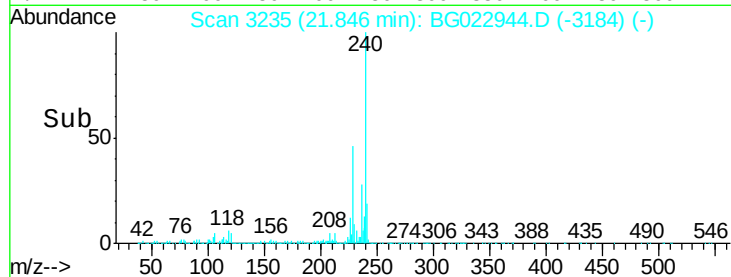
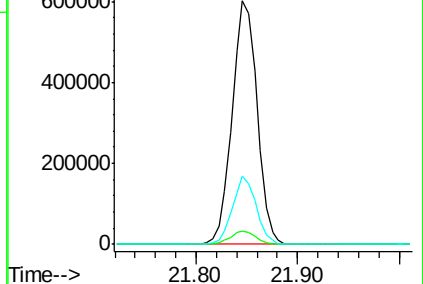
236 27.9 21.1 31.7



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E



#76

Benzidine

Concen: 35.26 ng

RT: 19.78 min Scan# 2884

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

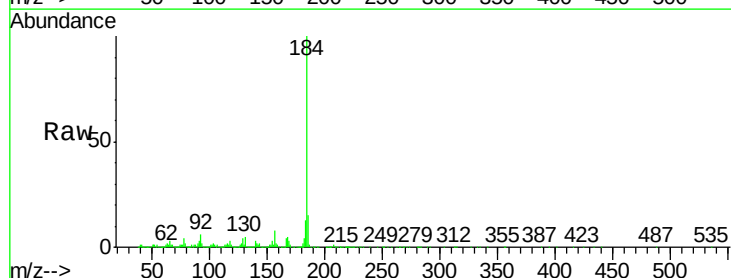
Tgt Ion:184 Resp: 1041073

Ion Ratio Lower Upper

184 100

185 15.2 12.6 19.0

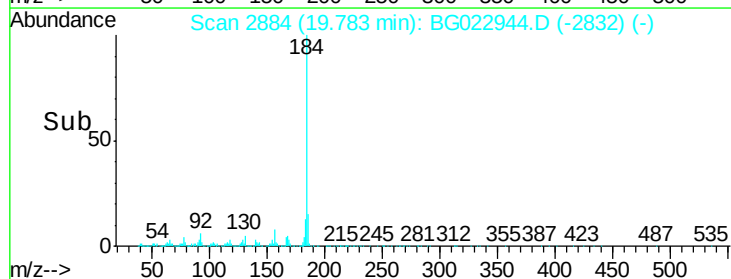
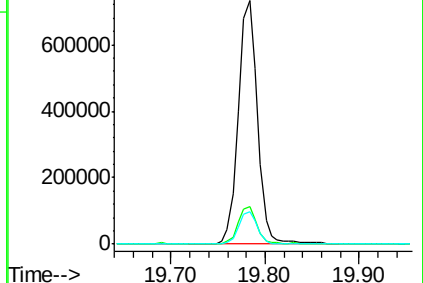
183 13.3 10.7 16.1

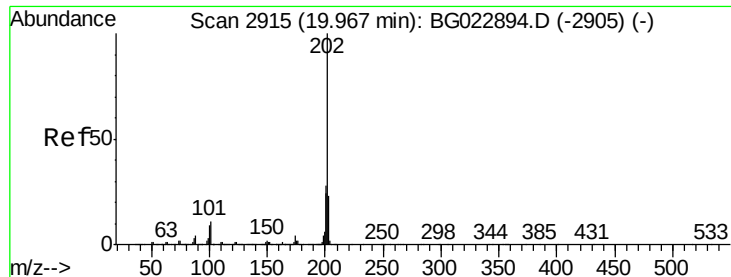


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E





#77

Pvrene

Concen: 31.82 ng

RT: 19.97 min Scan# 2915

Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

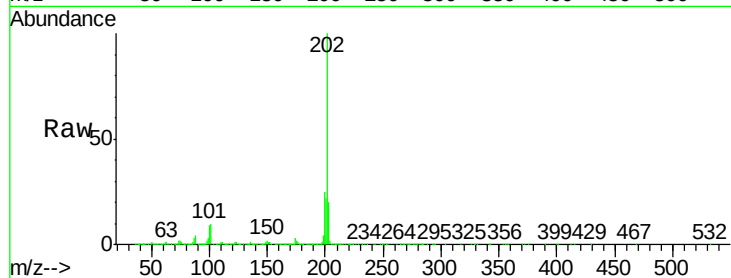
BNA_G

ClientSampleId :

LOCATION-19AMSD

Tot Ion:202 Resp: 1841187

Ion	Ratio	Lower	Upper
202	100		
200	24.9	21.2	31.8
203	20.4	16.8	25.2

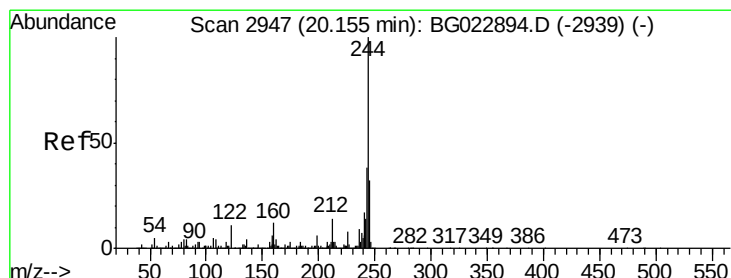
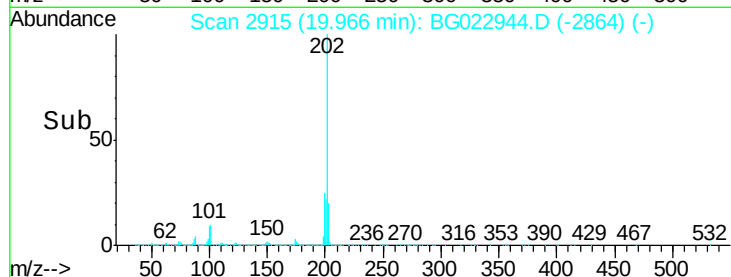
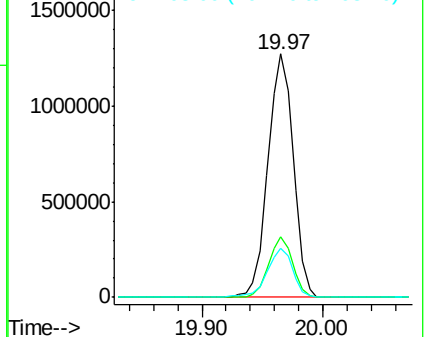


Abundance

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: 76.06 ng

RT: 20.15 min Scan# 2947

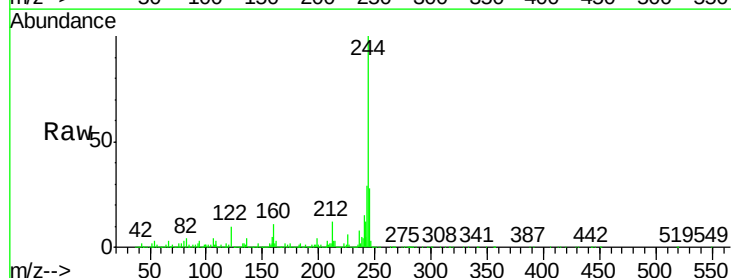
Delta R.T. -0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Tgt Ion:244 Resp: 2570565

Ion	Ratio	Lower	Upper
244	100		
212	11.8	10.8	16.2
122	10.1	8.0	12.0

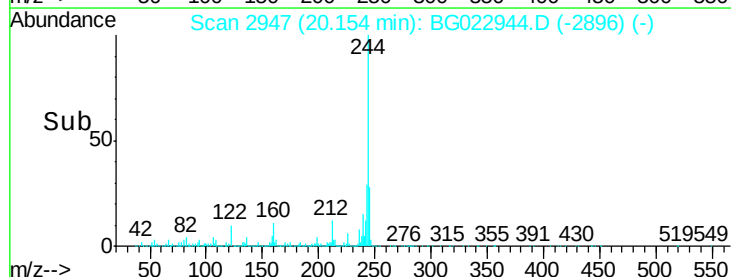
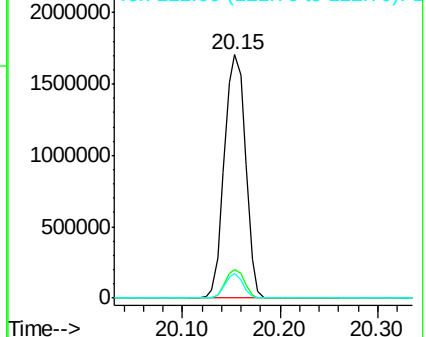


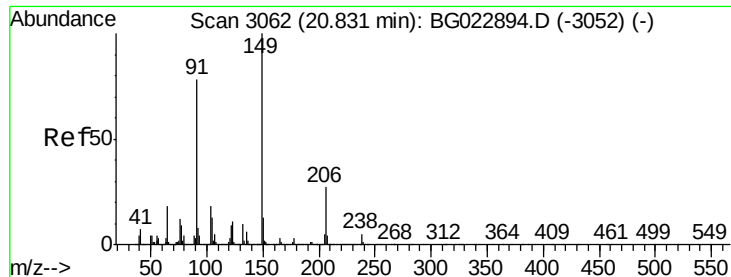
Abundance

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: 32.74 ng

RT: 20.84 min Scan# 3063

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-19AMSD

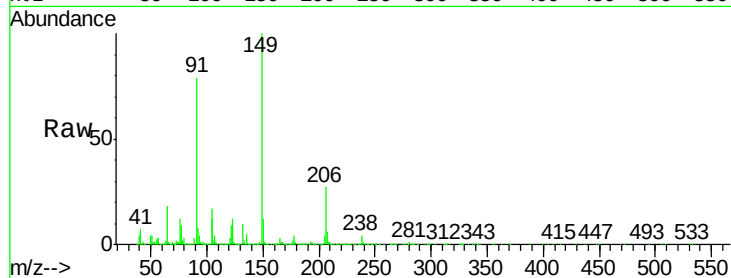
Tot Ion:149 Resp: 750366

Ion Ratio Lower Upper

149 100

91 78.8 68.1 102.1

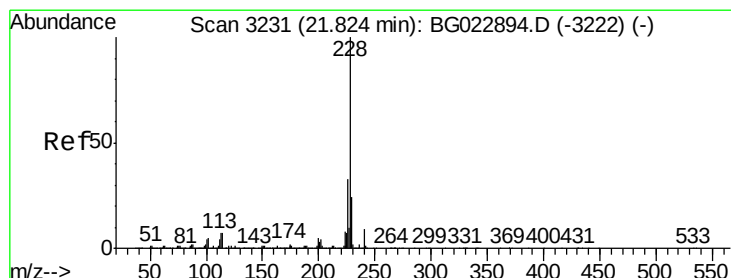
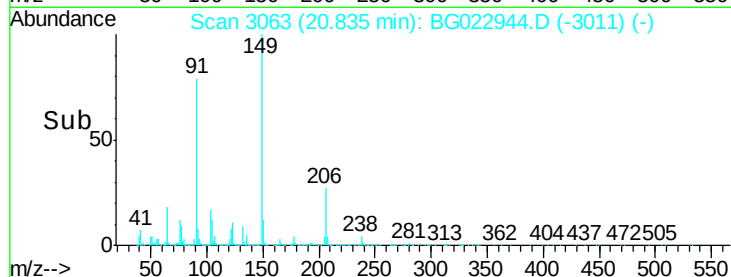
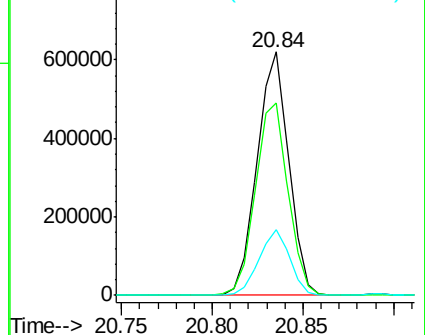
206 26.9 19.8 29.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E



#80

Benzo(a)anthracene

Concen: 32.72 ng

RT: 21.83 min Scan# 3232

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

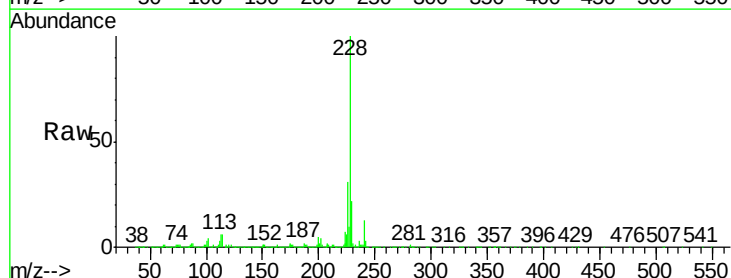
Tgt Ion:228 Resp: 1885113

Ion Ratio Lower Upper

228 100

226 30.6 25.3 37.9

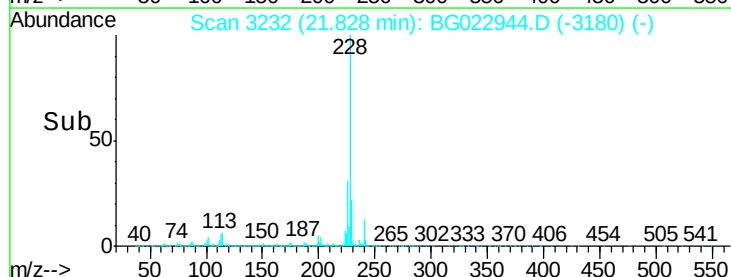
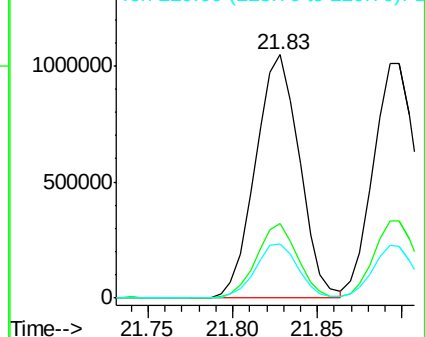
229 22.4 19.9 29.9

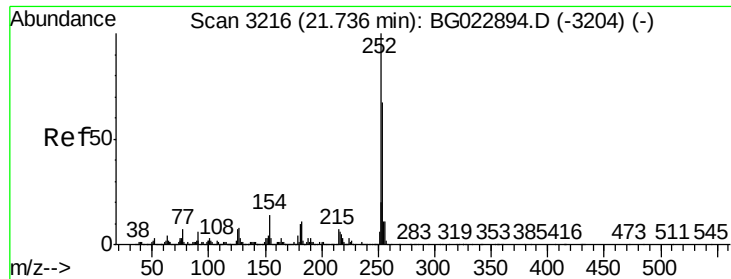


Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E

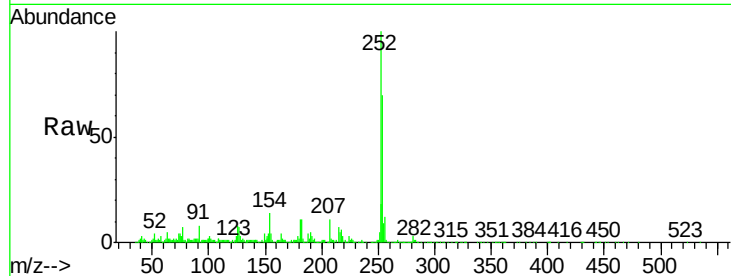




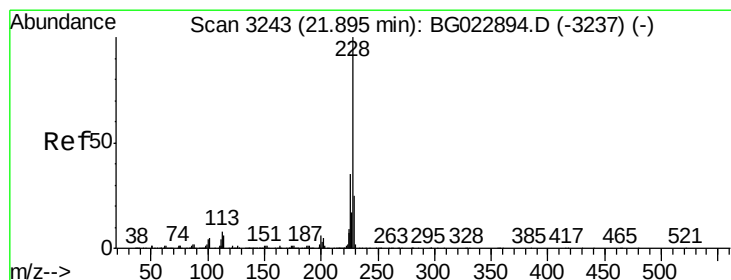
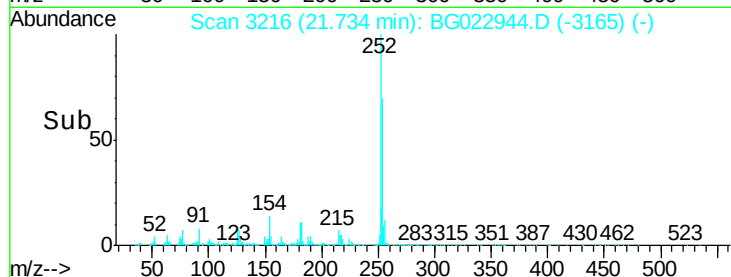
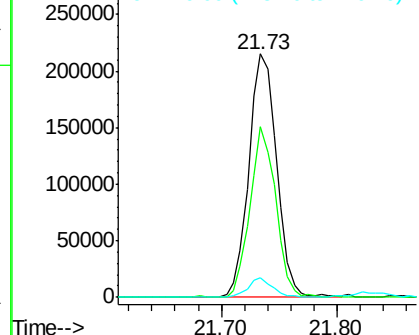
#81
 3,3'-Dichlorobenzidine
 Concen: 14.35 ng
 RT: 21.73 min Scan# 3216
 Delta R.T. -0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

Instrument :
 BNA_G
 ClientSampleId :
 LOCATION-19AMSD

Tot Ion	Ratio	Lower	Upper
252	100		
254	70.3	51.2	76.8
126	8.1	5.3	7.9

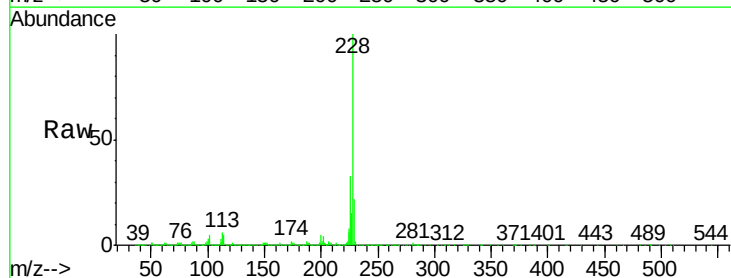


Abundance Ion 252.00 (251.70 to 252.70): E
 Ion 254.00 (253.70 to 254.70): E
 Ion 126.00 (125.70 to 126.70): E

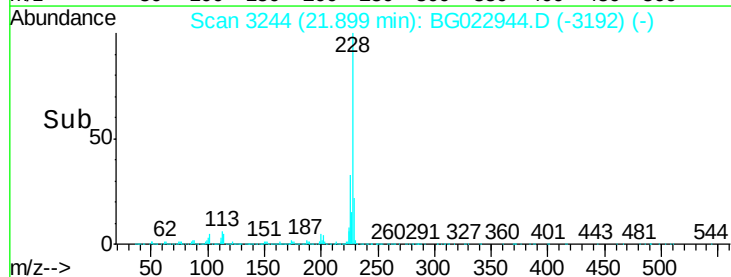
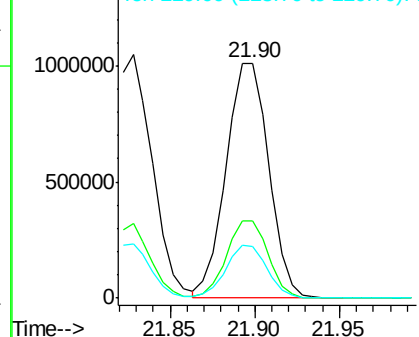


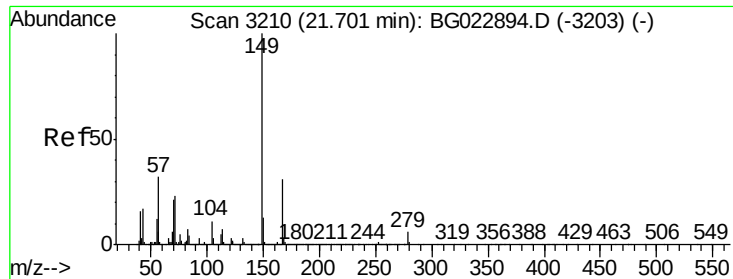
#82
 Chrysene
 Concen: 32.90 ng
 RT: 21.90 min Scan# 3244
 Delta R.T. 0.00 min
 Lab File: BG022944.D
 Acq: 9 Jul 2016 00:05

Tgt Ion	Ratio	Lower	Upper
228	100		
226	33.0	26.7	40.1
229	22.2	17.4	26.2



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





#83

Bis(2-ethylhexyl)phthalate

Concen: 42.85 ng

RT: 21.70 min Scan# 3211

Delta R.T. 0.00 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

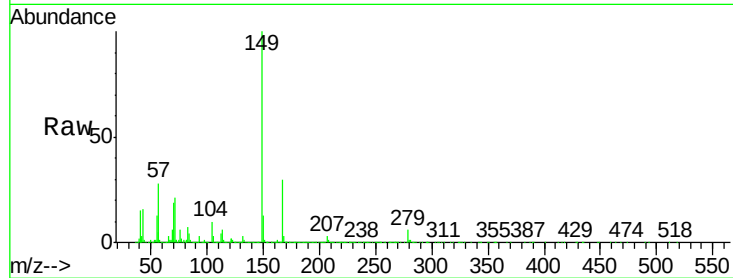
BNA_G

ClientSampleId :

LOCATION-19AMSD

Tot Ion:149 Resp: 1363744

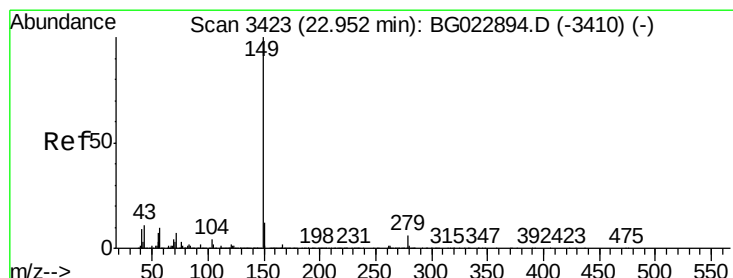
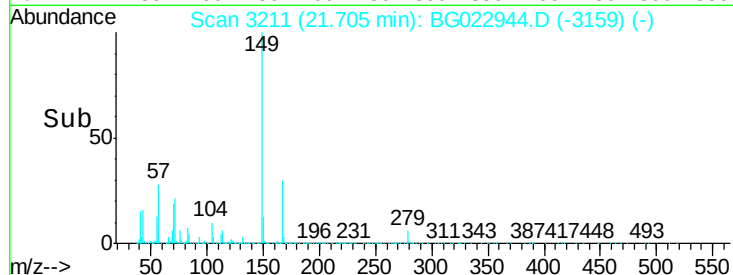
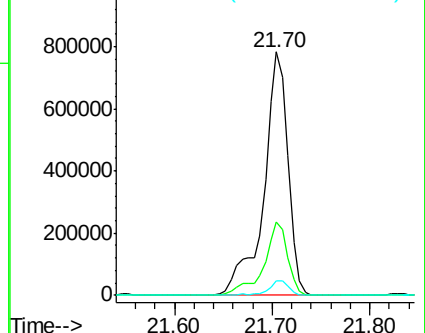
Ion	Ratio	Lower	Upper
149	100		
167	30.3	24.0	36.0
279	5.9	4.8	7.2



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: 32.50 ng

RT: 22.96 min Scan# 3425

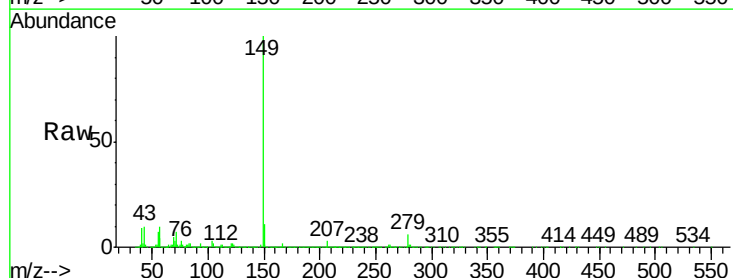
Delta R.T. 0.01 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Tgt Ion:149 Resp: 1725023

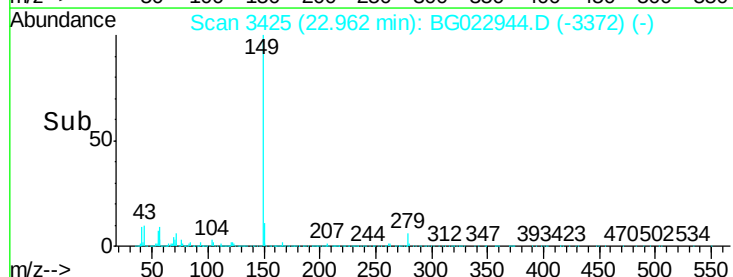
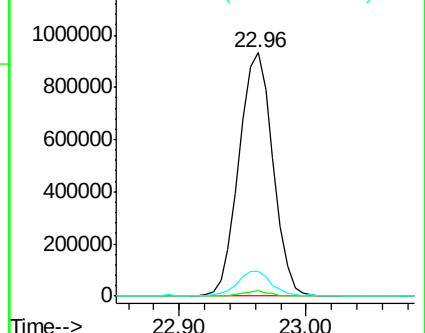
Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.5	2.3
43	9.8	8.8	13.2

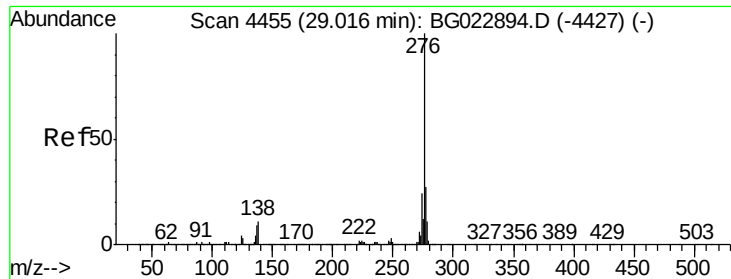


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BG0

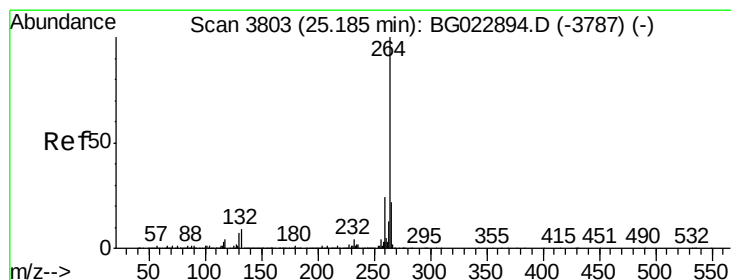
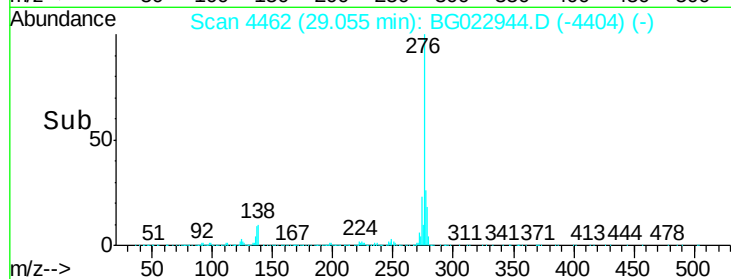
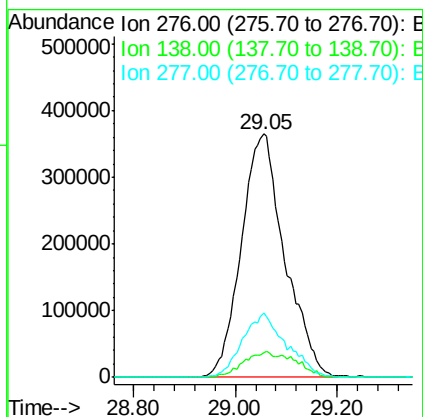
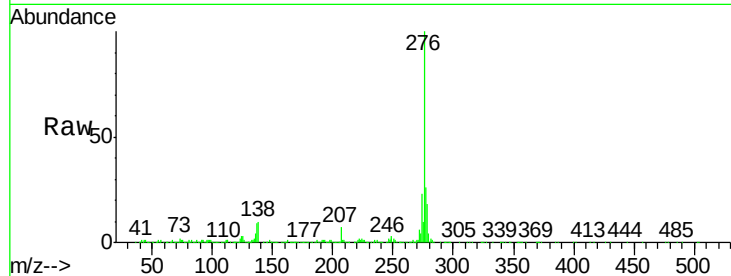




#85
Indeno(1,2,3-cd)pyrene
Concen: 31.47 ng
RT: 29.05 min Scan# 4462
Delta R.T. 0.04 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

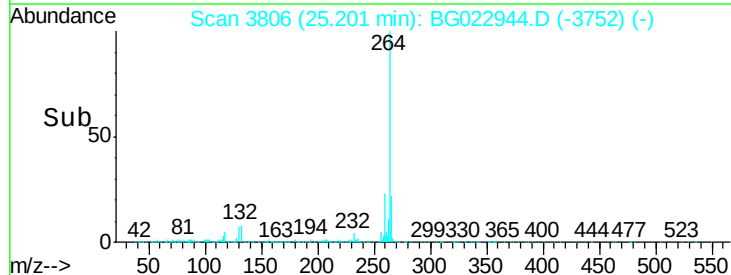
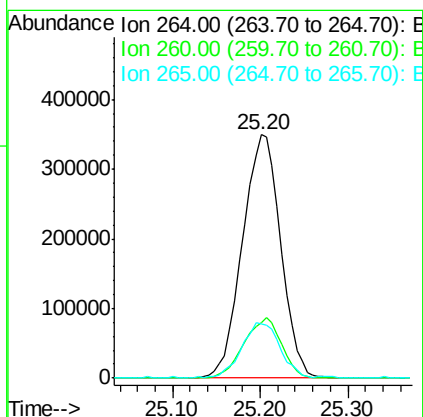
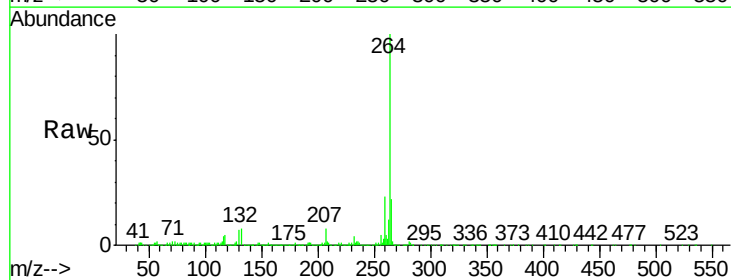
Instrument :
BNA_G
ClientSampleId :
LOCATION-19AMSD

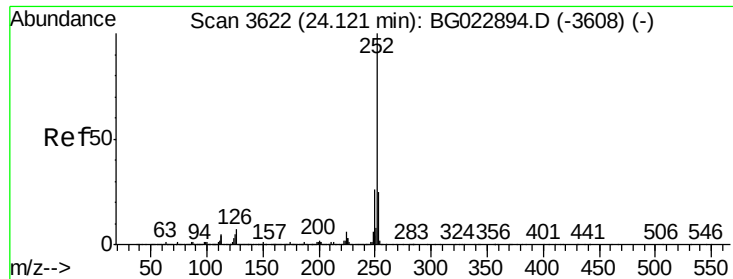
Tot Ion:276 Resp: 2168416
Ion Ratio Lower Upper
276 100
138 7.9 0.0 0.0#
277 26.3 0.0 0.0#



#86
Perylene-d12
Concen: 20.00 ng
RT: 25.20 min Scan# 3806
Delta R.T. 0.02 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion:264 Resp: 1037107
Ion Ratio Lower Upper
264 100
260 22.7 18.4 27.6
265 22.3 18.9 28.3

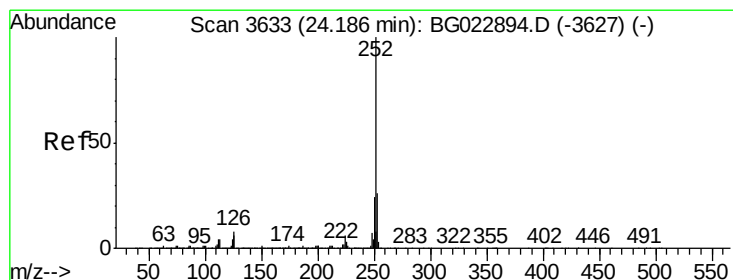
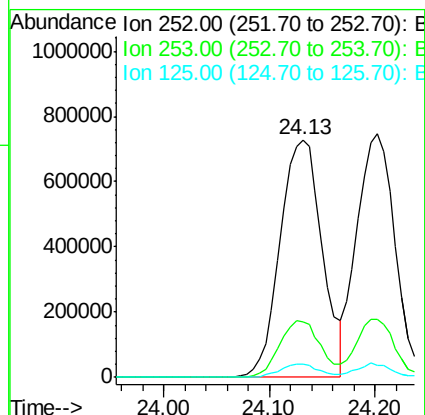
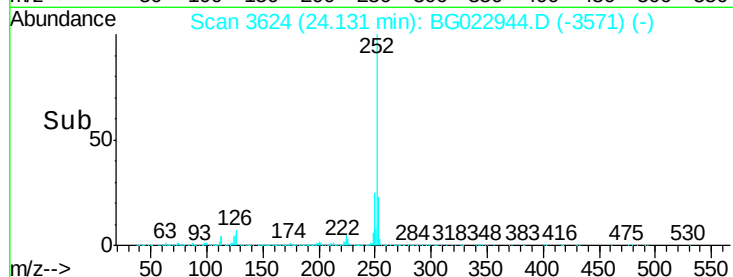
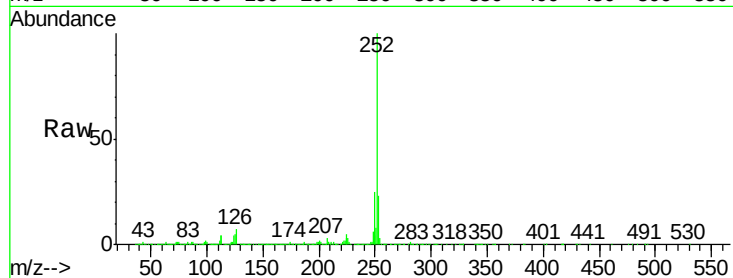




#87
Benzo(b)fluoranthene
Concen: 33.69 ng
RT: 24.13 min Scan# 3624
Delta R.T. 0.01 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

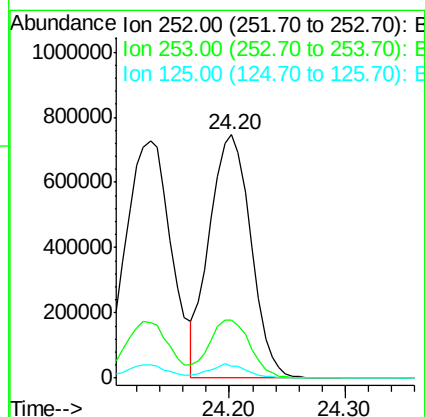
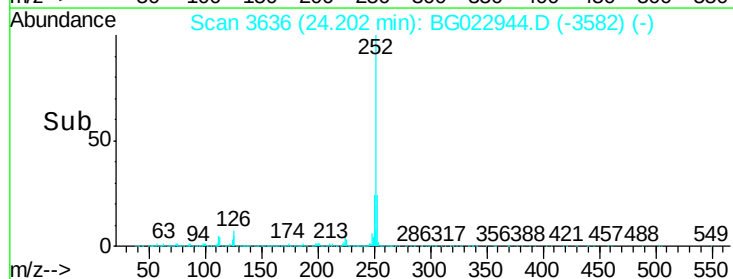
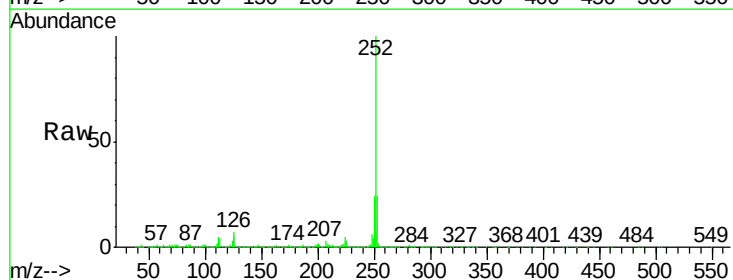
Instrument :
BNA_G
ClientSampleId :
LOCATION-19AMSD

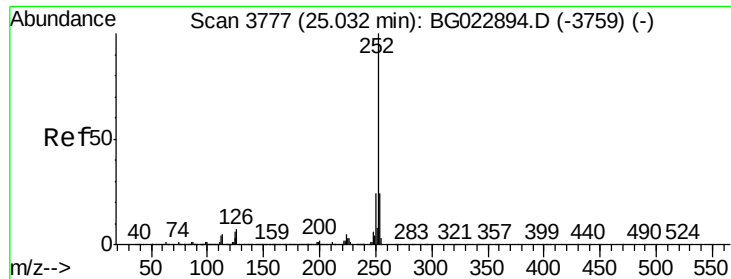
Tot Ion:252 Resp: 2015793
Ion Ratio Lower Upper
252 100
253 23.2 18.9 28.3
125 5.5 3.9 5.9



#88
Benzo(k)fluoranthene
Concen: 32.73 ng
RT: 24.20 min Scan# 3636
Delta R.T. 0.02 min
Lab File: BG022944.D
Acq: 9 Jul 2016 00:05

Tgt Ion:252 Resp: 1858568
Ion Ratio Lower Upper
252 100
253 24.1 18.8 28.2
125 5.0 3.2 4.8#





#89

Benzo(a)pyrene

Concen: 33.18 ng

RT: 25.04 min Scan# 3779

Delta R.T. 0.01 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

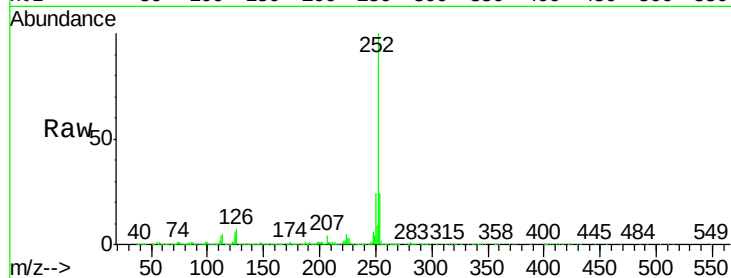
BNA_G

ClientSampleId :

LOCATION-19AMSD

Tot Ion:252 Resp: 1903149

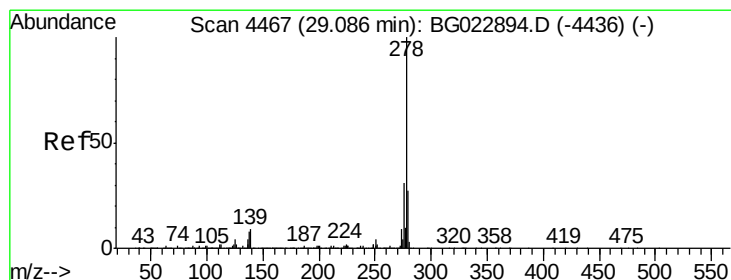
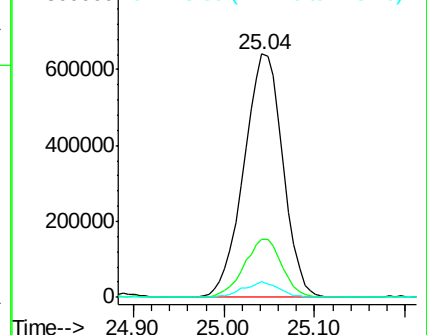
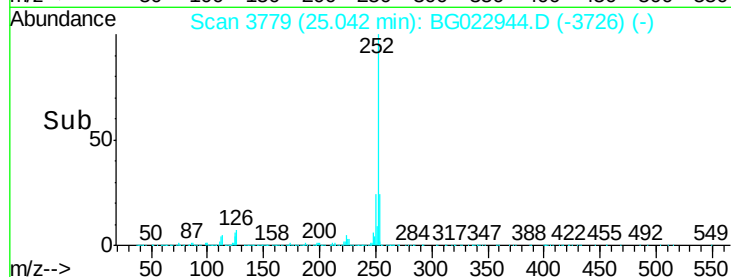
Ion	Ratio	Lower	Upper
252	100		
253	24.1	18.7	28.1
125	6.3	3.9	5.9



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: 32.10 ng

RT: 29.12 min Scan# 4473

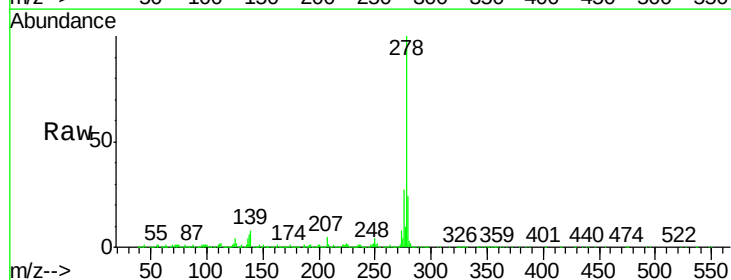
Delta R.T. 0.03 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Tgt Ion:278 Resp: 1827226

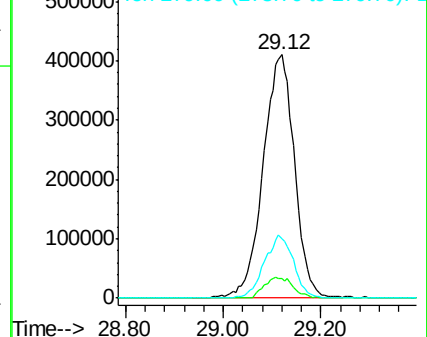
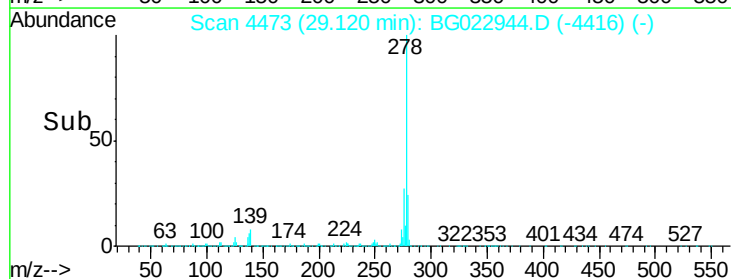
Ion	Ratio	Lower	Upper
278	100		
139	8.1	4.7	7.1
279	24.3	18.3	27.5

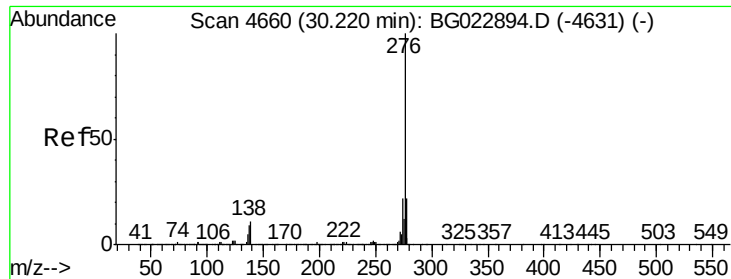


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#91

Benzo(a,h,i)perylene

Concen: 31.76 ng

RT: 30.26 min Scan# 4667

Delta R.T. 0.04 min

Lab File: BG022944.D

Acq: 9 Jul 2016 00:05

Instrument :

BNA_G

ClientSampleId :

LOCATION-19AMSD

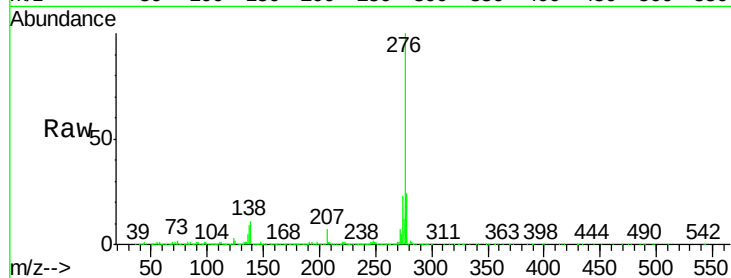
Tot Ion:276 Resp: 1810471

Ion Ratio Lower Upper

276 100

277 23.8 18.6 27.8

138 11.4 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

