

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043365.D
 Acq On : 29 Oct 2019 00:43
 Operator : JU
 Sample : K5539-07MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Oct 29 13:20:00 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	42392	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	157287	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	112648	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	268238	20.00	ng	0.00
76) Chrysene-d12	21.67	240	308474	20.00	ng	0.00
87) Perylene-d12	24.86	264	362526	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	242102	104.65	ng	0.00
7) Phenol-d6	7.21	99	341799	102.69	ng	0.00
23) Nitrobenzene-d5	9.19	82	206811	67.79	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	215059	100.32	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	455049	55.82	ng	0.00
79) Terphenyl-d14	20.00	244	833805	50.71	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	29875	33.139	ng	# 93
3) Pyridine	3.89	79	72824	32.023	ng	99
4) n-Nitrosodimethylamine	3.80	42	45011	39.224	ng	87
6) Aniline	7.35	93	121953	31.806	ng	95
8) 2-Chlorophenol	7.60	128	107781	42.205	ng	95
9) Benzaldehyde	7.17	77	56056	34.269	ng	88
10) Phenol	7.24	94	144466	47.498	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	89070	37.877	ng	95
12) 1,3-Dichlorobenzene	7.91	146	117365	36.681	ng	91
13) 1,4-Dichlorobenzene	8.06	146	120375	37.185	ng	98
14) 1,2-Dichlorobenzene	8.38	146	114510	36.228	ng	97
15) Benzyl Alcohol	8.27	79	90311	38.634	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	122315	35.772	ng	99
17) 2-Methylphenol	8.49	107	92458	41.699	ng	99
18) Hexachloroethane	9.11	117	42483	36.374	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	79794	37.100	ng	# 97
20) 3+4-Methylphenols	8.82	107	119571	39.327	ng	91
22) Acetophenone	8.85	105	158403	39.326	ng	98
24) Nitrobenzene	9.23	77	118978	40.938	ng	95
25) Isophorone	9.75	82	227854	40.850	ng	96
26) 2-Nitrophenol	9.94	139	62239	44.358	ng	97
27) 2,4-Dimethylphenol	10.01	122	96930	48.199	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	120198	39.044	ng	98
29) 2,4-Dichlorophenol	10.49	162	114945	44.609	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	128728	39.638	ng	97
31) Naphthalene	10.88	128	330238	41.363	ng	98
32) Benzoic acid	10.18	122	51148	36.079	ng	99
33) 4-Chloroaniline	11.00	127	61781	18.878	ng	95
34) Hexachlorobutadiene	11.17	225	90770	37.810	ng	96
35) Caprolactam	11.76	113	22059	24.857	ng	# 78
36) 4-Chloro-3-methylphenol	12.13	107	123260	43.855	ng	96
37) 2-Methylnaphthalene	12.48	142	250989	40.972	ng	96
38) 1-Methylnaphthalene	12.70	142	240635	41.285	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	167921	40.279	ng	97

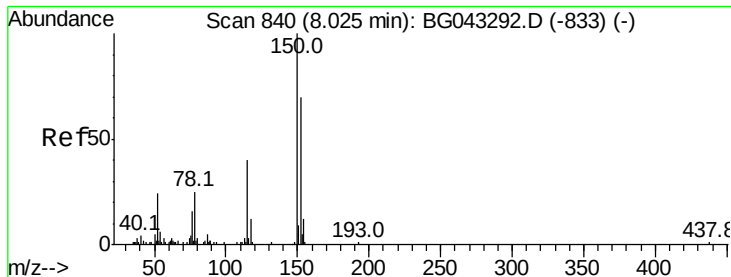
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
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 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	195780	89.399	ng	96
43) 2,4,6-Trichlorophenol	13.09	196	107535	43.800	ng	96
44) 2,4,5-Trichlorophenol	13.18	196	114257	46.033	ng	100
46) 1,1'-Biphenyl	13.49	154	340891	39.779	ng	100
47) 2-Chloronaphthalene	13.53	162	267516	41.028	ng	100
48) 2-Nitroaniline	13.73	65	78470	40.266	ng	97
49) Acenaphthylene	14.37	152	433223	42.690	ng	99
50) Dimethylphthalate	14.10	163	416471	47.731	ng	98
51) 2,6-Dinitrotoluene	14.22	165	80074	42.243	ng	97
52) Acenaphthene	14.72	154	258782	41.816	ng	98
53) 3-Nitroaniline	14.56	138	51386	28.078	ng	96
54) 2,4-Dinitrophenol	14.77	184	91041	77.194	ng	94
55) Dibenzofuran	15.05	168	426523	42.500	ng	99
56) 4-Nitrophenol	14.90	139	115191	93.924	ng	95
57) 2,4-Dinitrotoluene	15.01	165	114983	42.445	ng	95
58) Fluorene	15.70	166	356834	42.393	ng	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	117083	44.398	ng	# 98
60) Diethylphthalate	15.47	149	350627	39.993	ng	97
61) 4-Chlorophenyl-phenylether	15.69	204	200476	40.827	ng	97
62) 4-Nitroaniline	15.73	138	73949	39.125	ng	92
63) Azobenzene	15.98	77	300335	42.328	ng	96
65) 4,6-Dinitro-2-methylphenol	15.78	198	71052	45.010	ng	99
66) n-Nitrosodiphenylamine	15.90	169	319074	42.133	ng	98
67) 4-Bromophenyl-phenylether	16.58	248	145665	40.352	ng	98
68) Hexachlorobenzene	16.71	284	163876	39.548	ng	98
69) Atrazine	16.85	200	136946	52.042	ng	92
70) Pentachlorophenol	17.05	266	177264	93.884	ng	92
71) Phenanthrene	17.44	178	621907	45.276	ng	98
72) Anthracene	17.53	178	605806	44.081	ng	100
73) Carbazole	17.80	167	533224	42.846	ng	100
74) Di-n-butylphthalate	18.35	149	631502	41.820	ng	100
75) Fluoranthene	19.44	202	849556	47.442	ng	98
77) Benzidine	19.63	184	353263	56.903	ng	97
78) Pyrene	19.81	202	842070	44.101	ng	99
80) Butylbenzylphthalate	20.69	149	286876	39.656	ng	98
81) Benzo(a)anthracene	21.64	228	840924	43.520	ng	99
82) 3,3'-Dichlorobenzidine	21.56	252	243948	32.641	ng	100
83) Chrysene	21.71	228	803563	41.856	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	423245	41.188	ng	99
85) Di-n-octyl phthalate	22.75	149	722857	41.462	ng	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	1053051	43.697	ng	# 95
88) Benzo(b)fluoranthene	23.85	252	905333	44.093	ng	97
89) Benzo(k)fluoranthene	23.92	252	862458	41.725	ng	100
90) Benzo(a)pyrene	24.71	252	822390	41.944	ng	100
91) Dibenzo(a,h)anthracene	28.56	278	859851	42.875	ng	100
92) Benzo(g,h,i)perylene	29.65	276	878325	44.400	ng	97

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

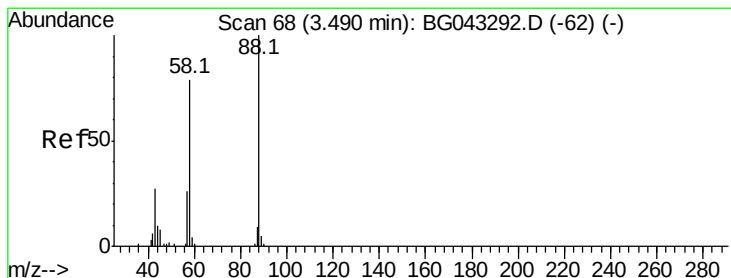
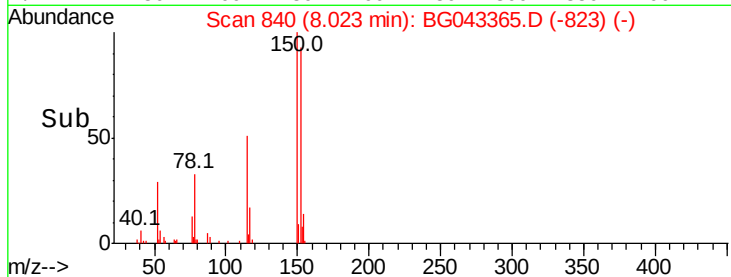
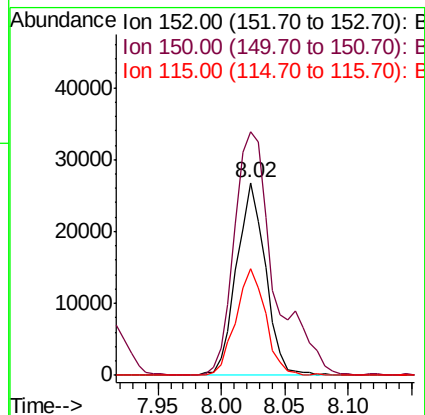
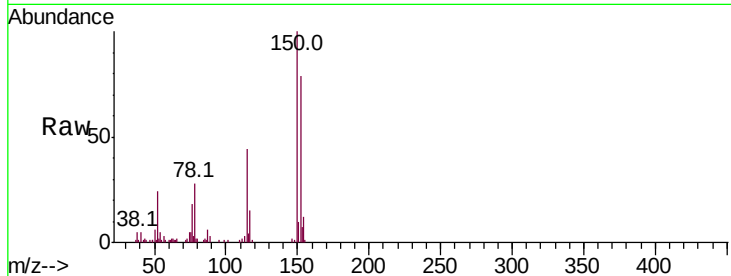


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :

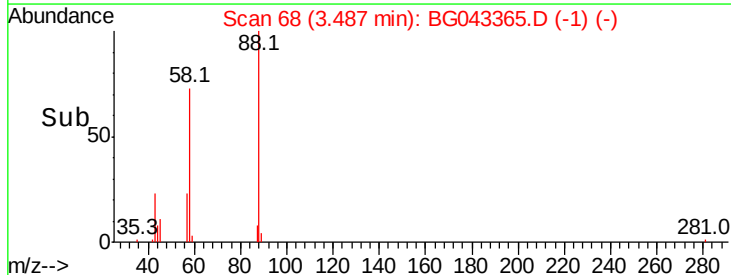
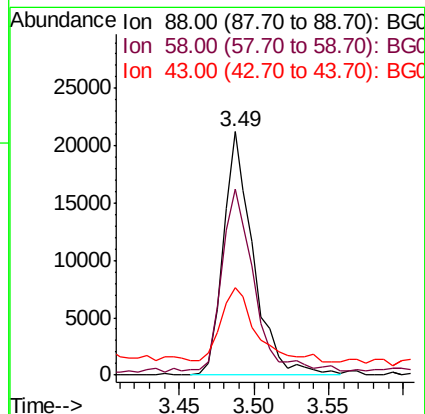
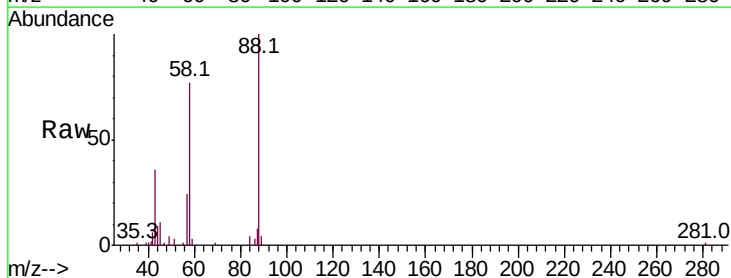
Tot Ion:152 Resp: 42392
Ion Ratio Lower Upper
152 100
150 126.4 113.6 170.4
115 55.2 45.9 68.9

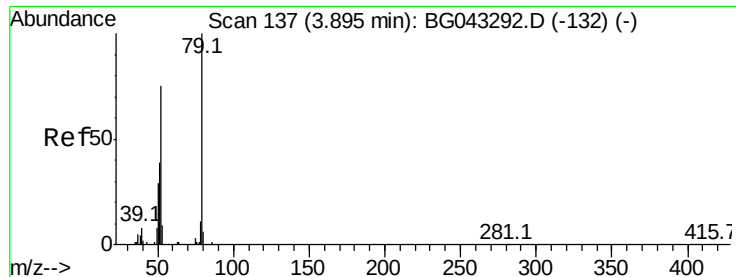


#2

1,4-Dioxane
Concen: 33.139 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion: 88 Resp: 29875
Ion Ratio Lower Upper
88 100
58 79.0 60.2 90.2
43 36.4 22.7 34.1#





#3

Pvridine

Concen: 32.023 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

ClientSampleId :

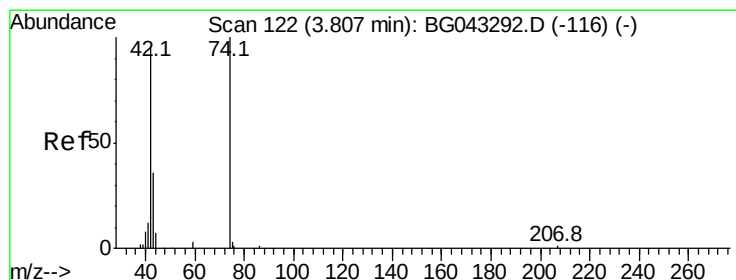
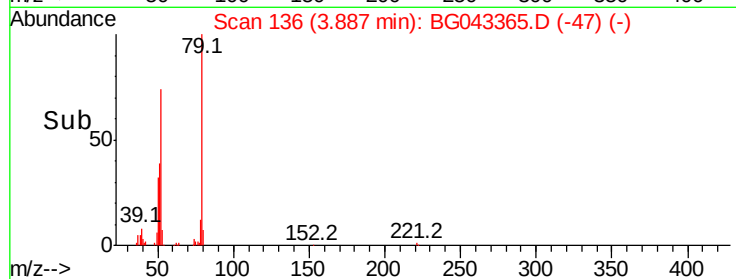
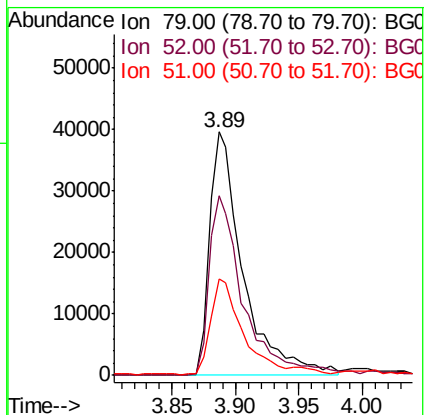
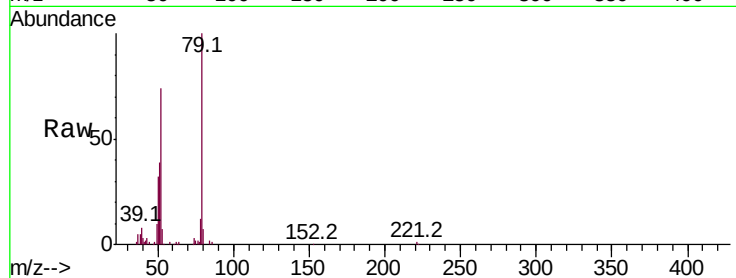
Tot Ion: 79 Resp: 72824

Ion Ratio Lower Upper

79 100

52 73.6 59.7 89.5

51 39.4 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 39.224 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

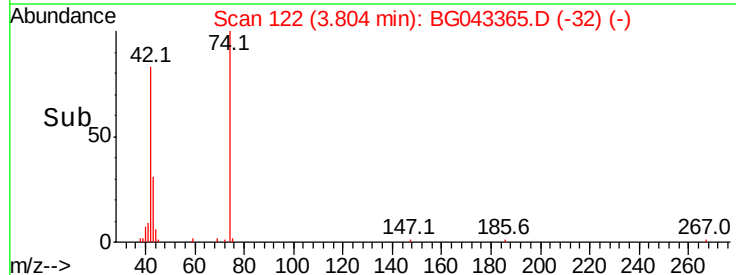
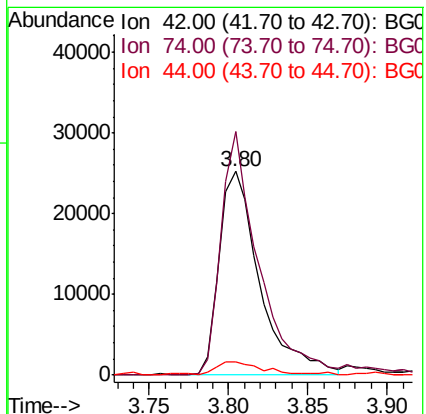
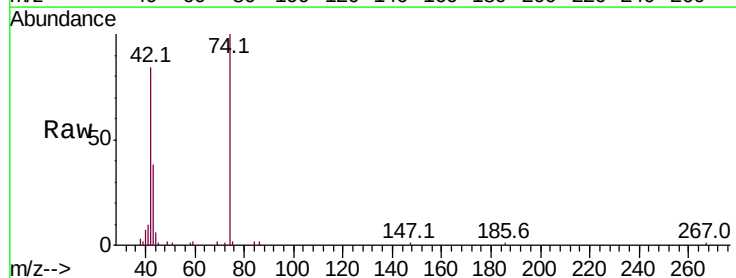
Tgt Ion: 42 Resp: 45011

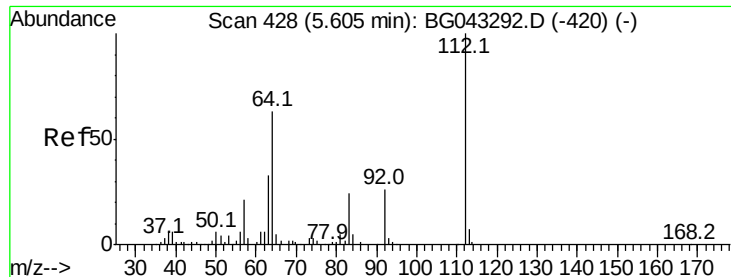
Ion Ratio Lower Upper

42 100

74 119.5 84.2 126.2

44 6.7 6.0 9.0





#5

2-Fluorophenol

Concen: 104.652 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

ClientSampleId :

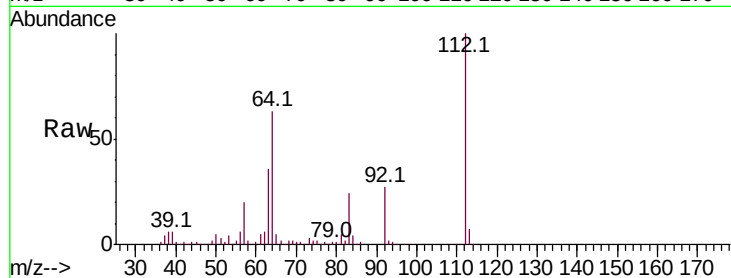
Tot Ion:112 Resp: 242102

Ion Ratio Lower Upper

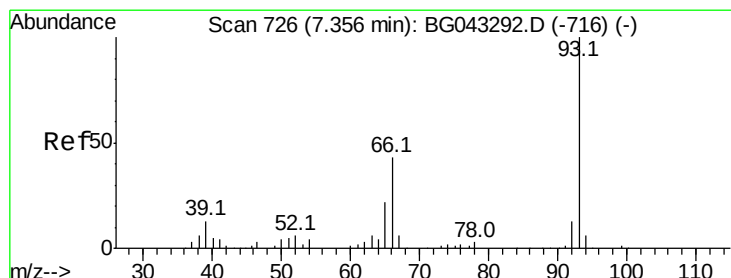
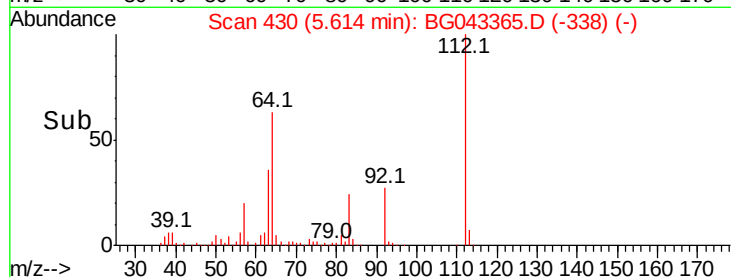
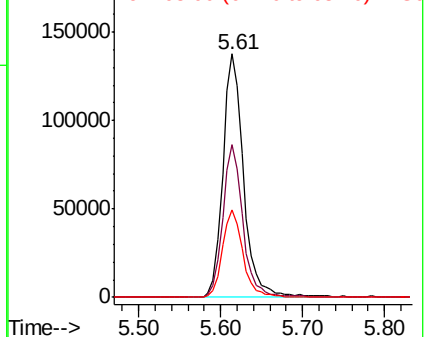
112 100

64 62.6 50.2 75.2

63 35.7 26.7 40.1



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



#6

Aniline

Concen: 31.806 ng

RT: 7.35 min Scan# 726

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

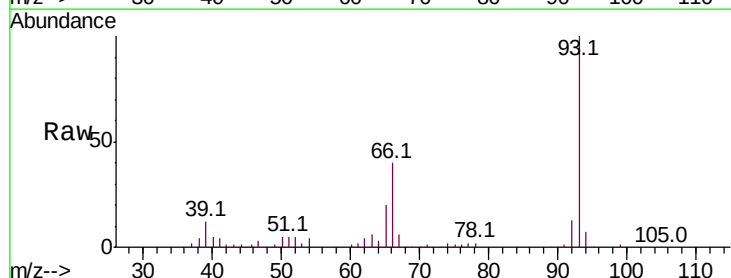
Tgt Ion: 93 Resp: 121953

Ion Ratio Lower Upper

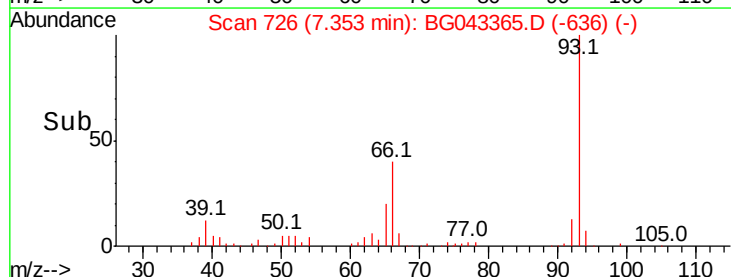
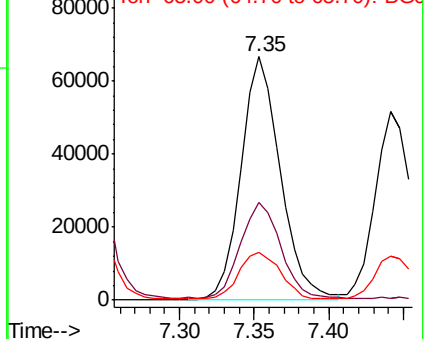
93 100

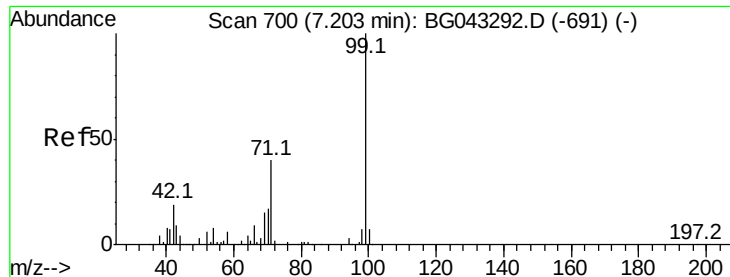
66 40.1 34.5 51.7

65 19.7 18.0 27.0



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: 102.690 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

ClientSampled :

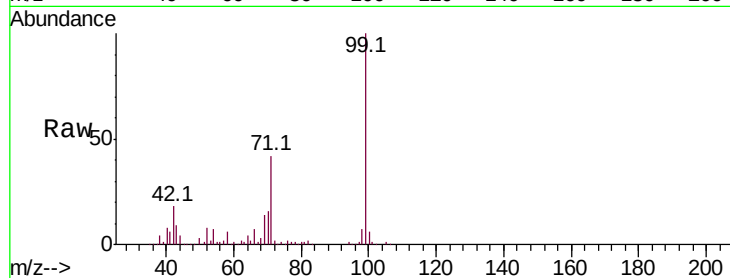
Tot Ion: 99 Resp: 341799

Ion Ratio Lower Upper

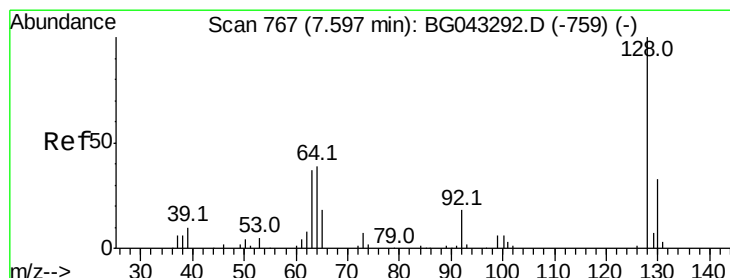
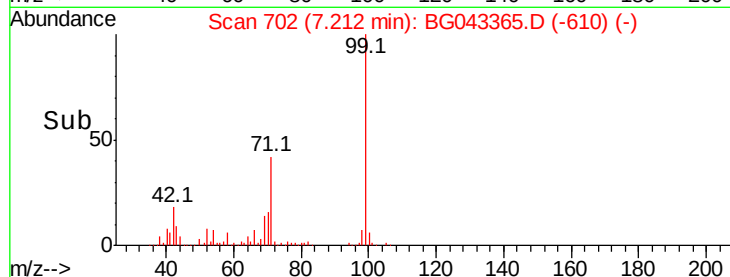
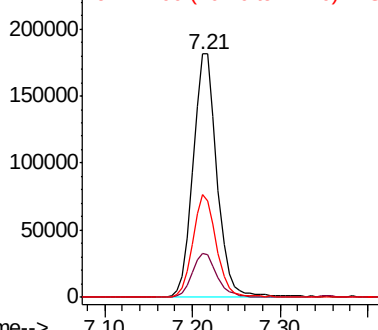
99 100

42 18.3 14.9 22.3

71 42.2 32.2 48.2



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 42.205 ng

RT: 7.60 min Scan# 768

Delta R.T. 0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

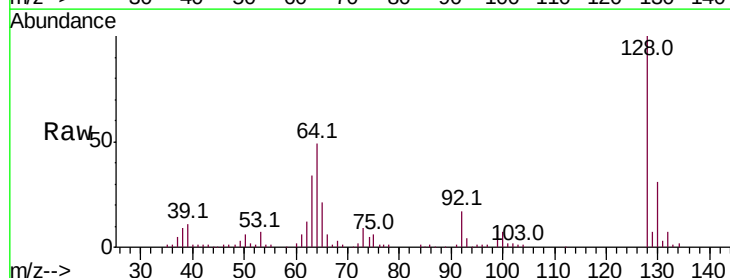
Tgt Ion: 128 Resp: 107781

Ion Ratio Lower Upper

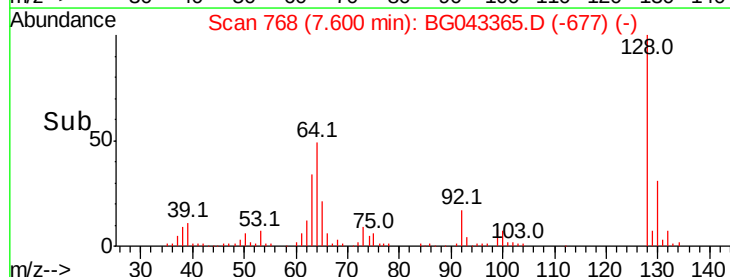
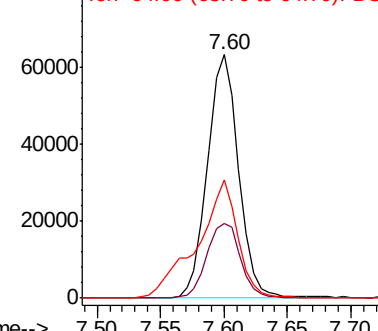
128 100

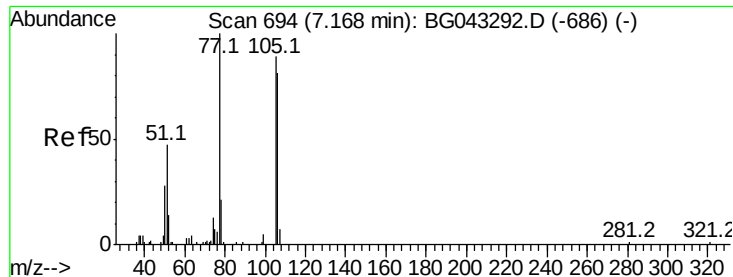
130 30.9 12.9 52.9

64 48.7 24.9 64.9



Abundance Ion 128.00 (127.70 to 128.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 64.00 (63.70 to 64.70): BGC





#9

Benzaldehyde

Concen: 34.269 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

ClientSampleId :

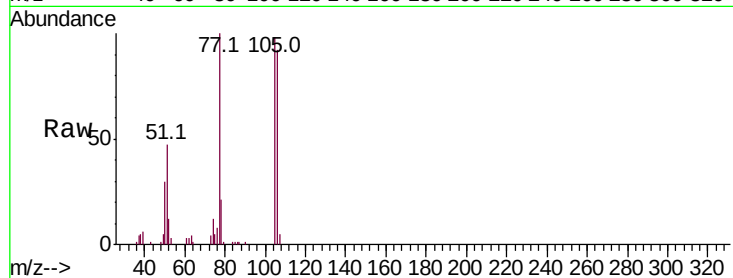
Tot Ion: 77 Resp: 56056

Ion Ratio Lower Upper

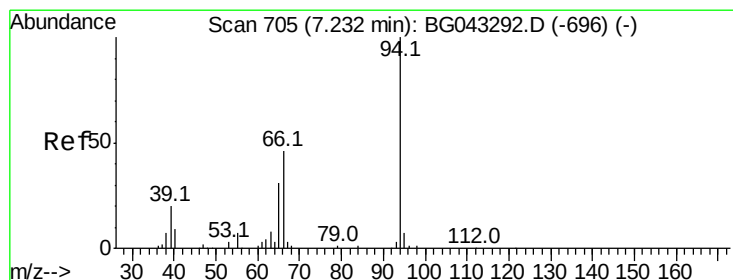
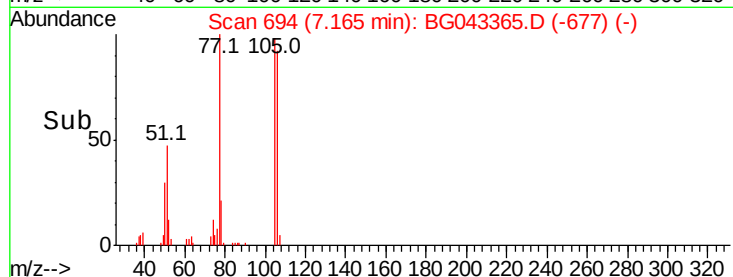
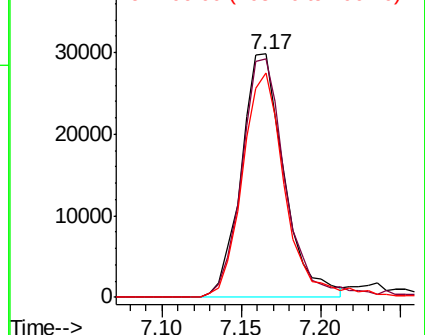
77 100

105 98.1 68.7 108.7

106 92.1 60.5 100.5



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: 47.498 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

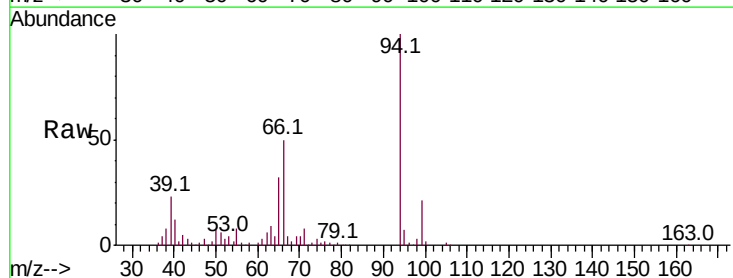
Tgt Ion: 94 Resp: 144466

Ion Ratio Lower Upper

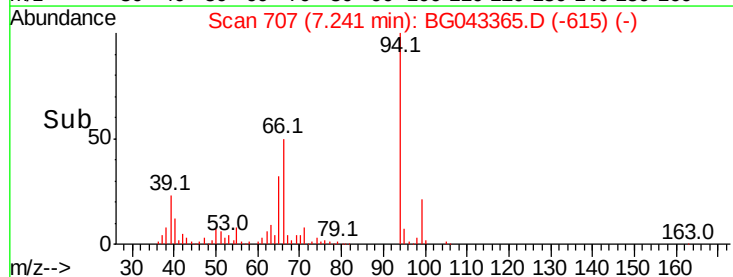
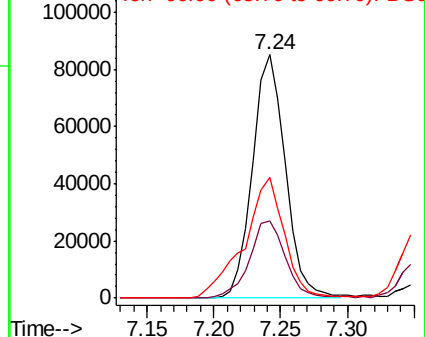
94 100

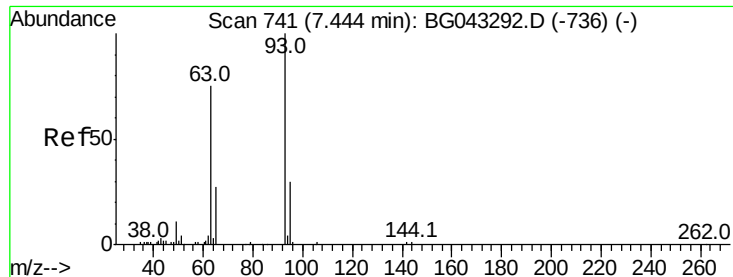
65 31.6 11.1 51.1

66 49.6 27.8 67.8



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

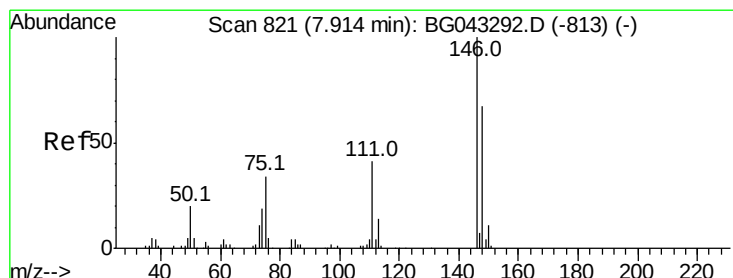
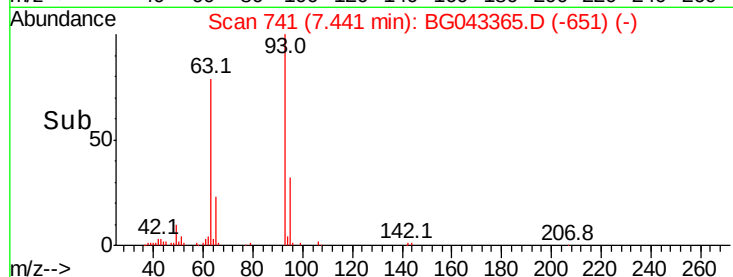
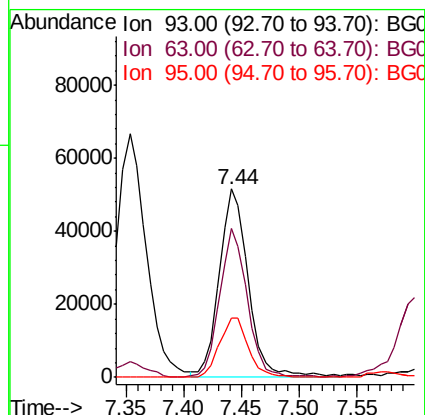
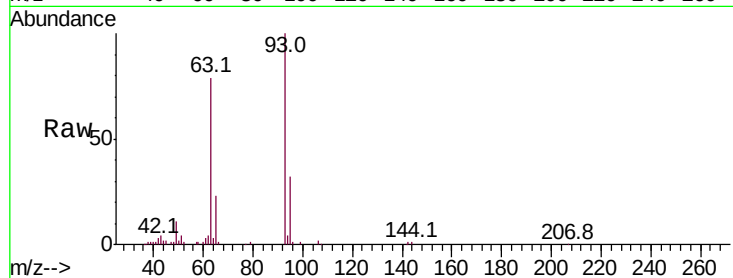




#11
 bis(2-Chloroethyl)ether
 Concen: 37.877 ng
 RT: 7.44 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

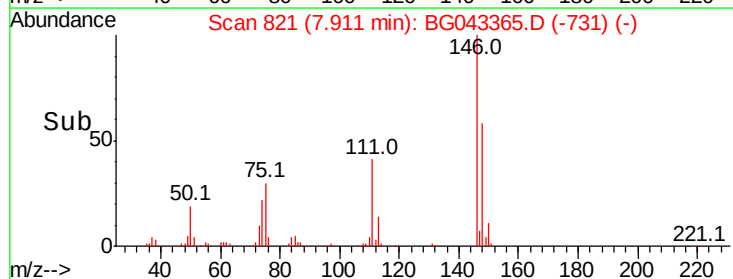
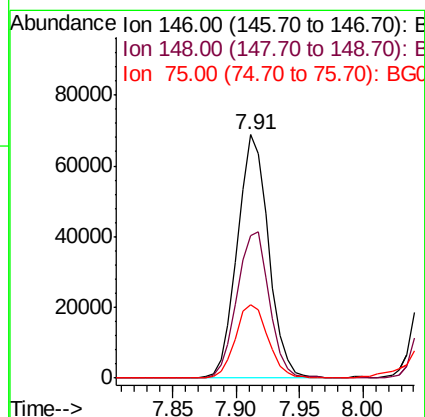
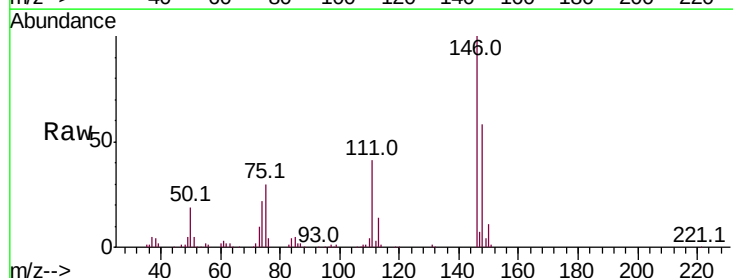
Instrument :
 BNA_G
 ClientSampled :

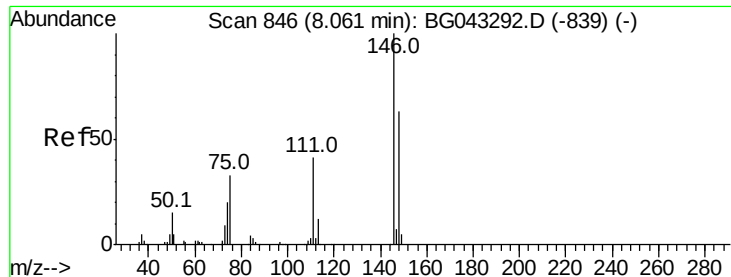
Tot Ion: 93 Resp: 89070
 Ion Ratio Lower Upper
 93 100
 63 79.2 54.6 94.6
 95 31.8 9.7 49.7



#12
 1,3-Dichlorobenzene
 Concen: 36.681 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Tgt Ion: 146 Resp: 117365
 Ion Ratio Lower Upper
 146 100
 148 58.3 53.4 80.2
 75 30.2 27.0 40.4

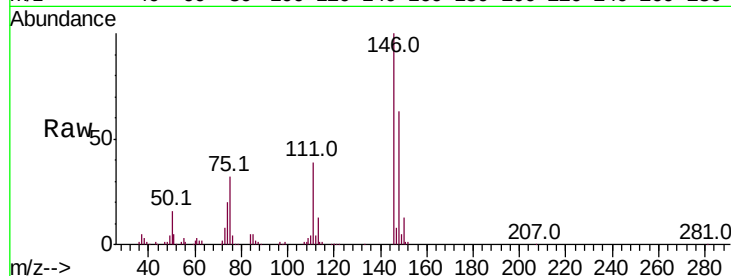




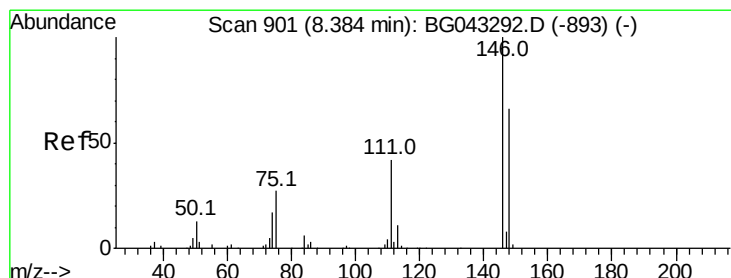
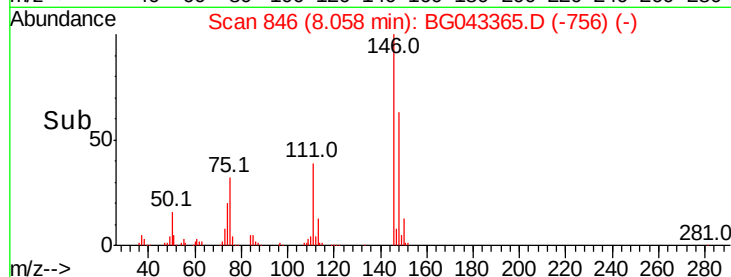
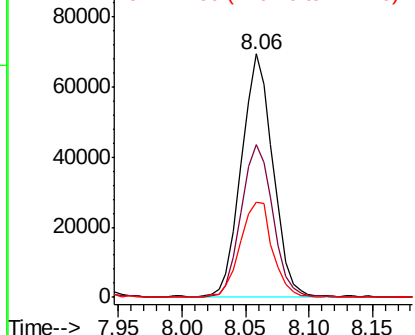
#13
 1,4-Dichlorobenzene
 Concen: 37.185 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 120375
 Ion Ratio Lower Upper
 146 100
 148 62.9 50.7 76.1
 111 38.9 33.0 49.6

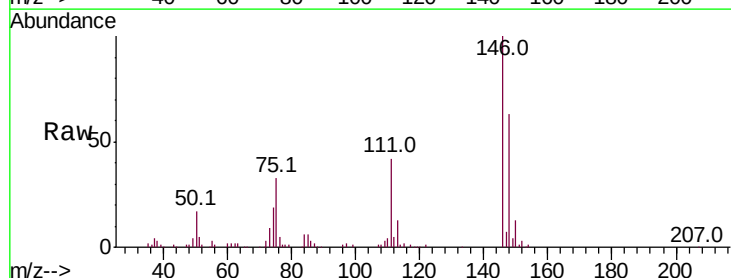


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

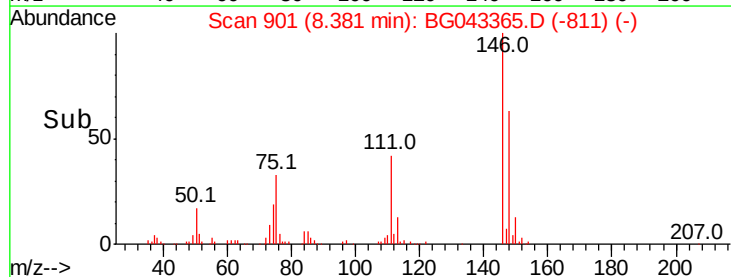
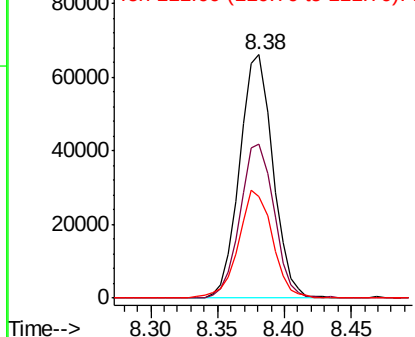


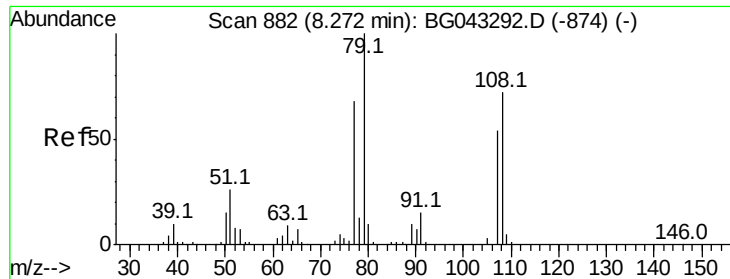
#14
 1,2-Dichlorobenzene
 Concen: 36.228 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Tgt Ion:146 Resp: 114510
 Ion Ratio Lower Upper
 146 100
 148 63.3 53.0 79.4
 111 41.8 34.5 51.7



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

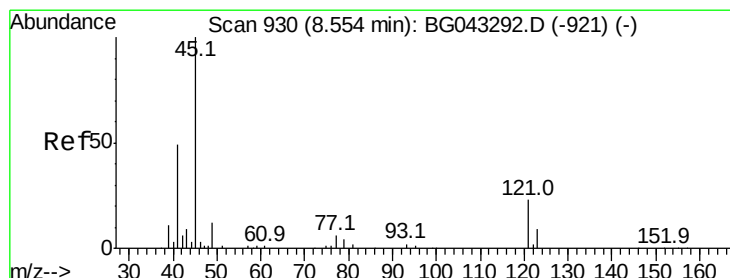
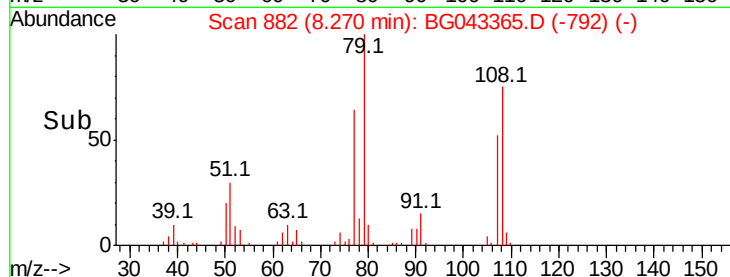
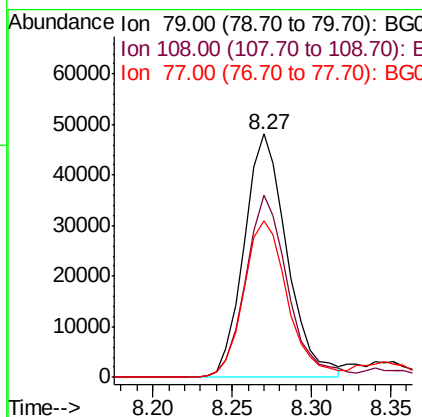
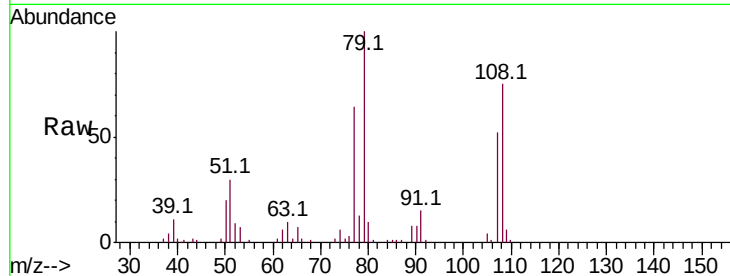




#15
Benzyl Alcohol
Concen: 38.634 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

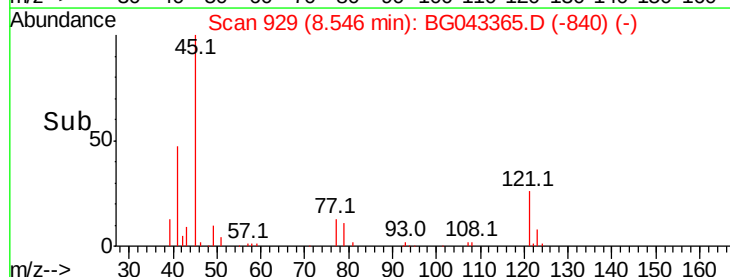
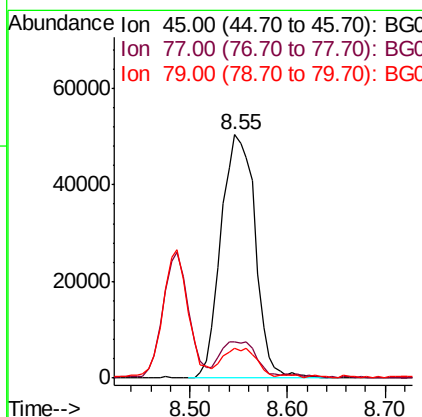
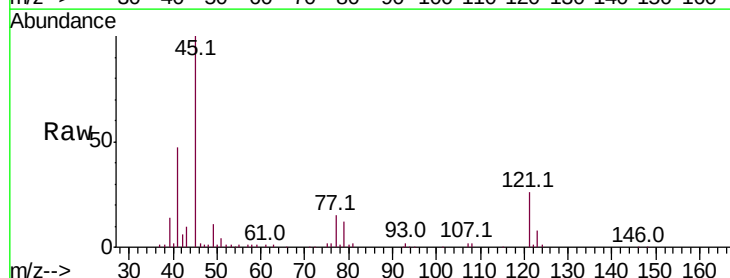
Instrument :
BNA_G
ClientSampleId :

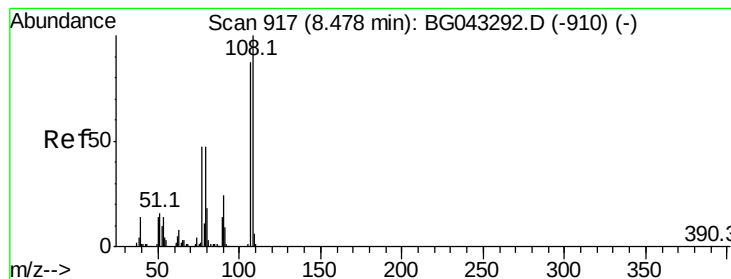
Tot Ion: 79 Resp: 90311
Ion Ratio Lower Upper
79 100
108 74.7 57.3 85.9
77 64.3 54.6 81.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.772 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion: 45 Resp: 122315
Ion Ratio Lower Upper
45 100
77 14.7 0.0 34.2
79 12.1 0.0 32.3

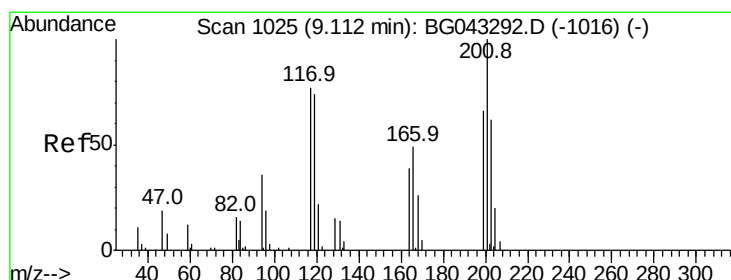
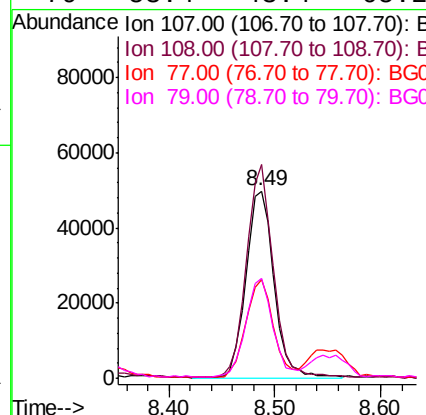
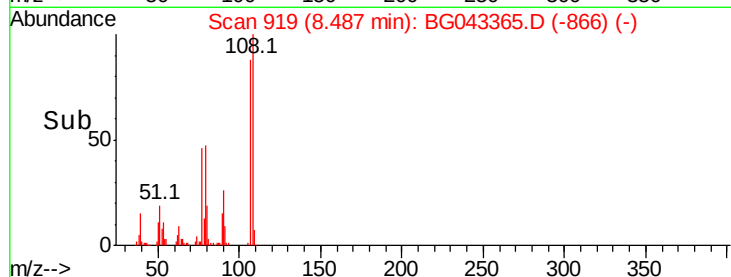
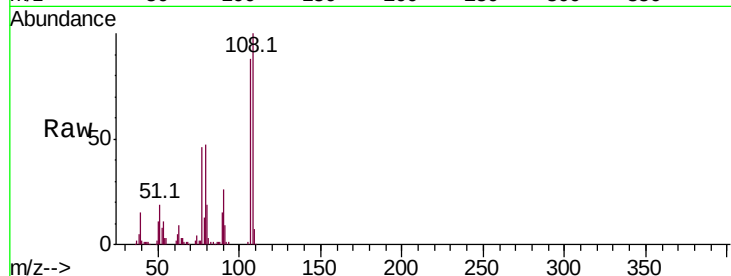




#17
2-Methylphenol
Concen: 41.699 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

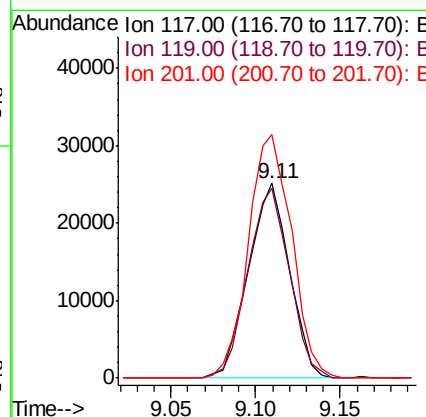
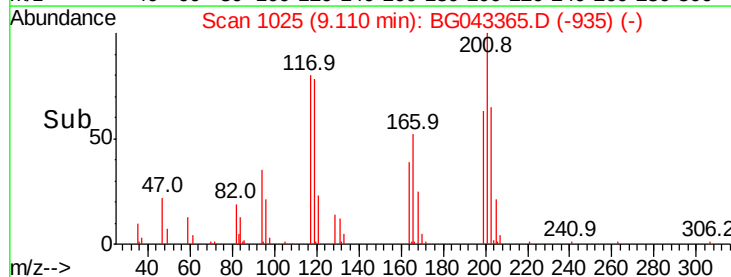
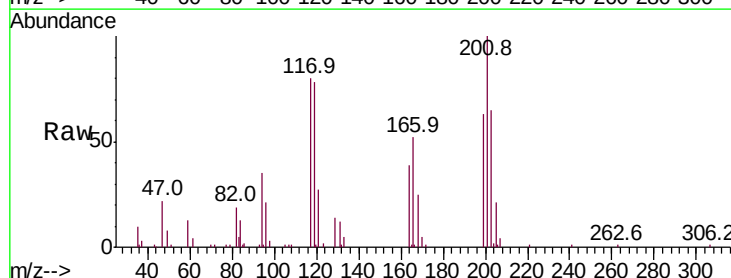
Instrument :
BNA_G
ClientSampleId :

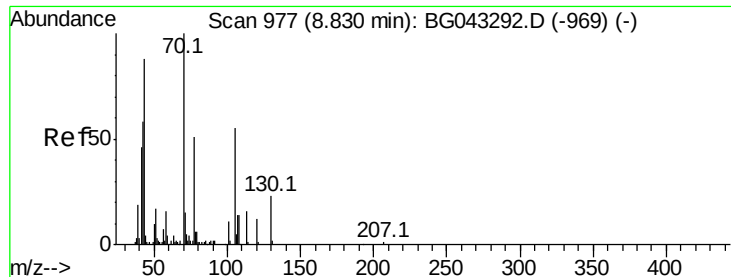
Tot Ion	Ratio	Lower	Upper
107	100		
108	114.0	91.3	136.9
77	52.4	43.0	64.6
79	53.4	43.4	65.2



#18
Hexachloroethane
Concen: 36.374 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
117	100		
119	97.4	77.3	115.9
201	125.2	104.2	156.4

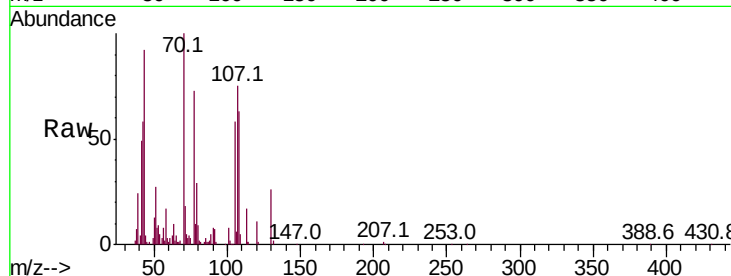




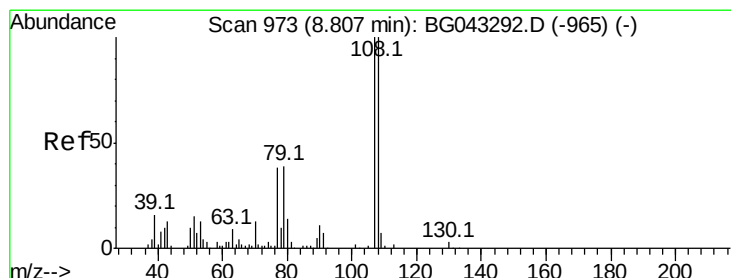
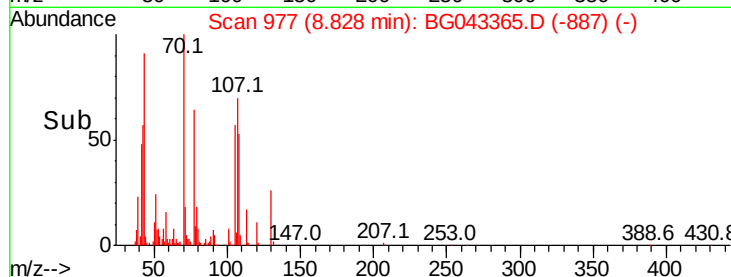
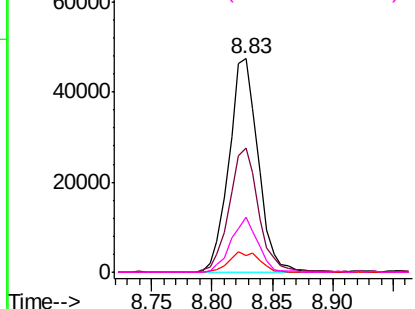
#19
n-Nitroso-di-n-propylamine
Concen: 37.100 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	79794
Ion	Ratio	Lower	Upper
70	100		
42	57.9	46.2	69.2
101	7.8	8.6	13.0#
130	25.9	18.6	27.8

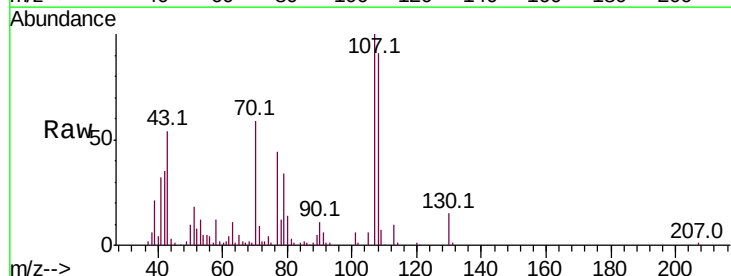


Abundance Ion 70.00 (69.70 to 70.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 101.00 (100.70 to 101.70): BGC
Ion 130.00 (129.70 to 130.70): BGC

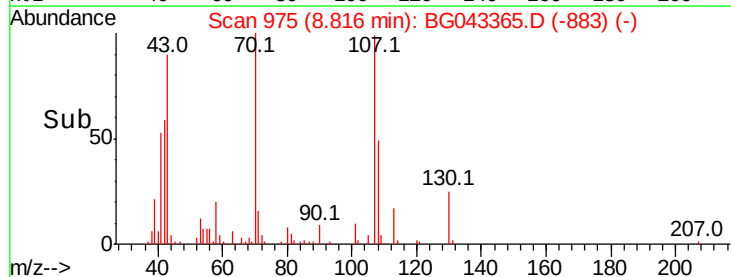
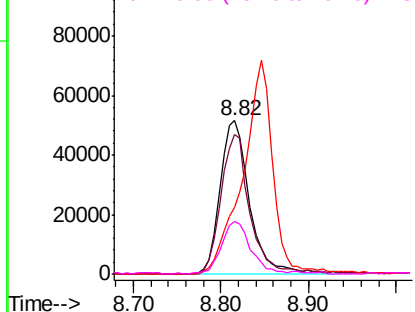


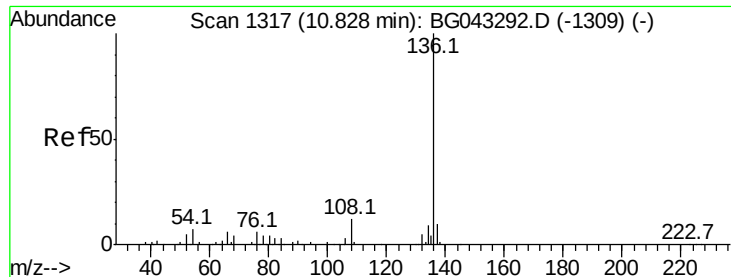
#20
3+4-Methylphenols
Concen: 39.327 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion:	107	Resp:	119571
Ion	Ratio	Lower	Upper
107	100		
108	90.8	80.3	120.3
77	43.7	18.2	58.2
79	34.2	18.8	58.8



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

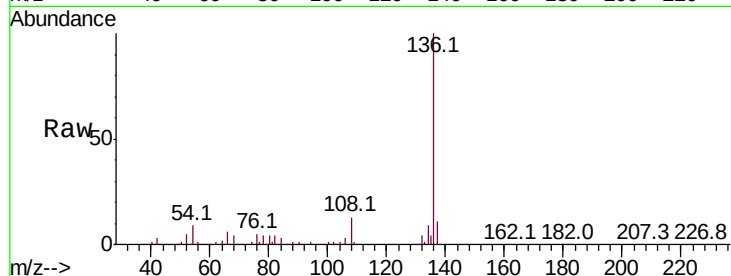




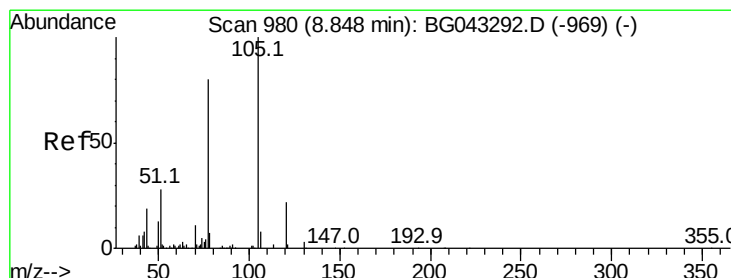
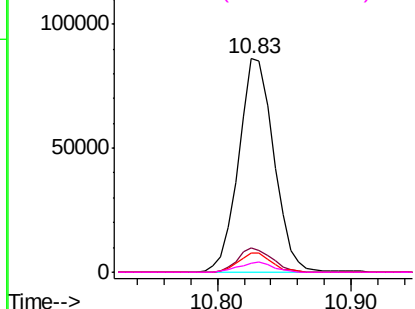
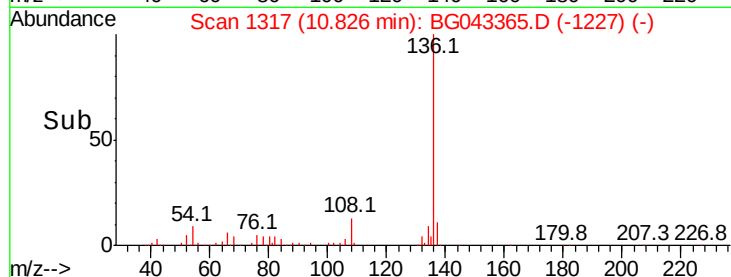
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:136	Resp:	157287
Ion Ratio	Lower	Upper
136	100	
137	11.5	8.2 12.2
54	8.8	5.4 8.2#
68	4.2	3.3 4.9

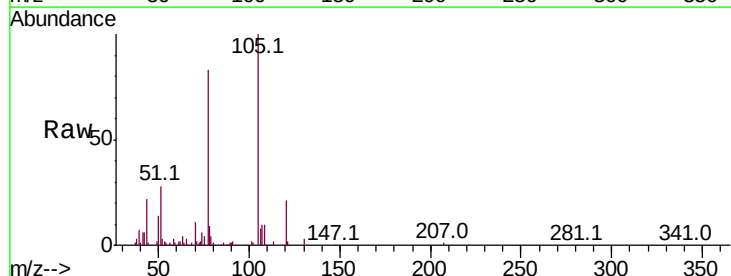


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

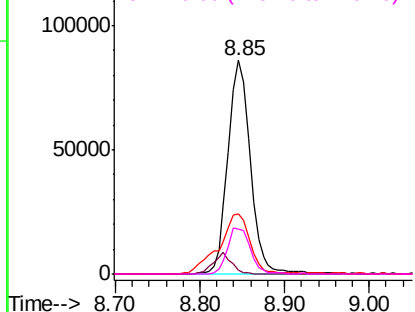
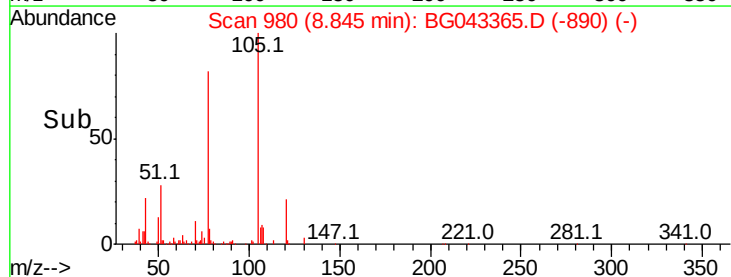


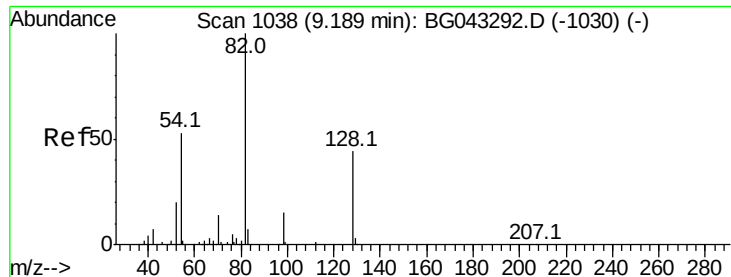
#22
Acetophenone
Concen: 39.326 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion:105	Resp:	158403
Ion Ratio	Lower	Upper
105	100	
71	1.9	1.5 2.3
51	28.4	23.9 35.9
120	21.1	17.3 25.9



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

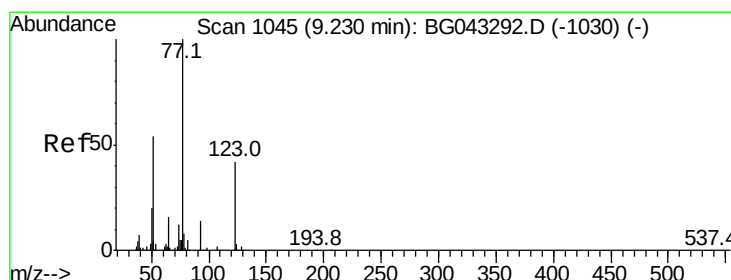
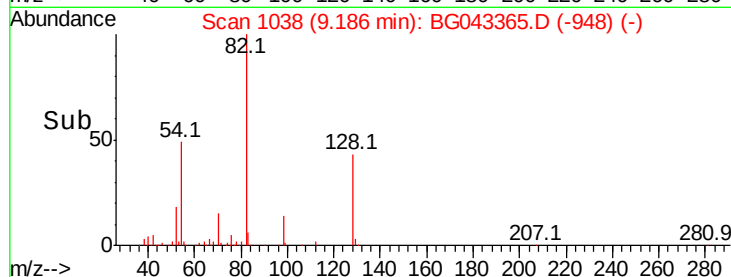
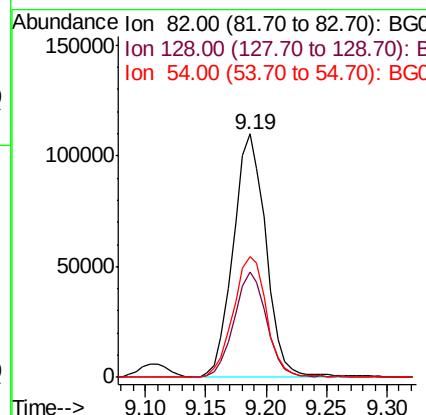
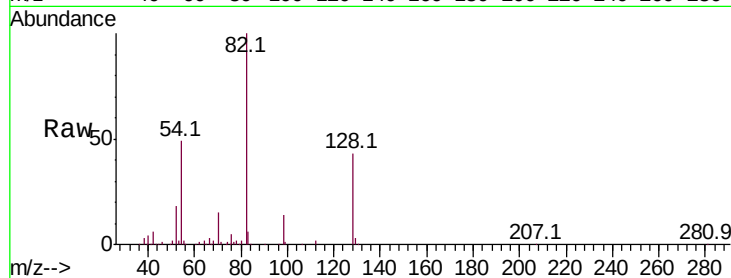




#23
 Nitrobenzene-d5
 Concen: 67.787 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

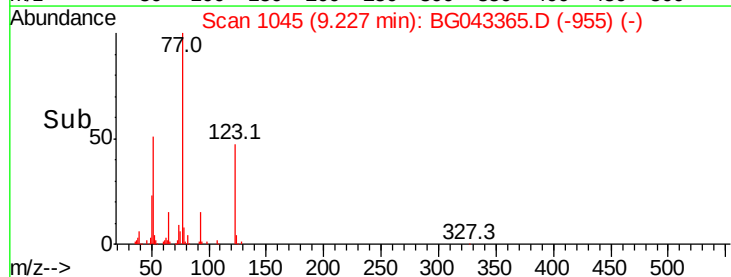
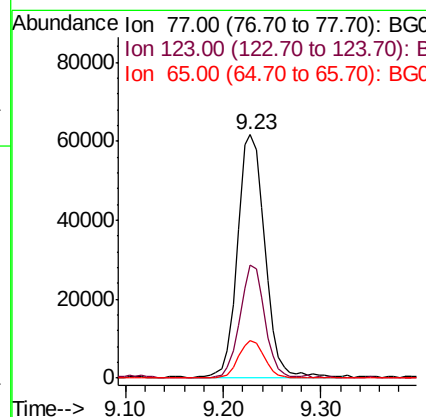
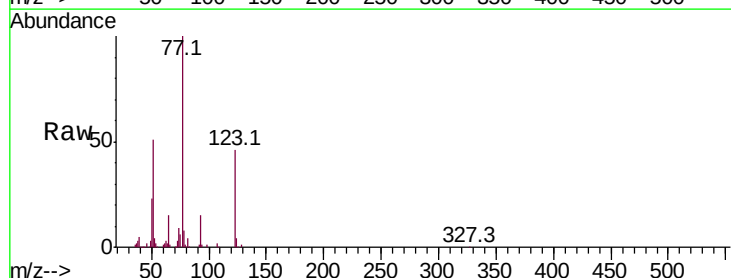
Instrument :
 BNA_G
 ClientSampled :

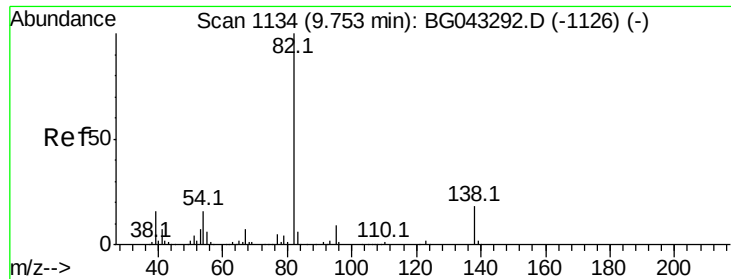
Tot Ion	82	Resp	206811
Ion Ratio	100	Lower	Upper
128	43.0	35.3	52.9
54	49.3	42.3	63.5



#24
 Nitrobenzene
 Concen: 40.938 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Tgt Ion	77	Resp	118978
Ion Ratio	100	Lower	Upper
123	46.5	33.8	50.8
65	15.3	13.0	19.4





#25

Isophorone

Concen: 40.850 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

ClientSampleId :

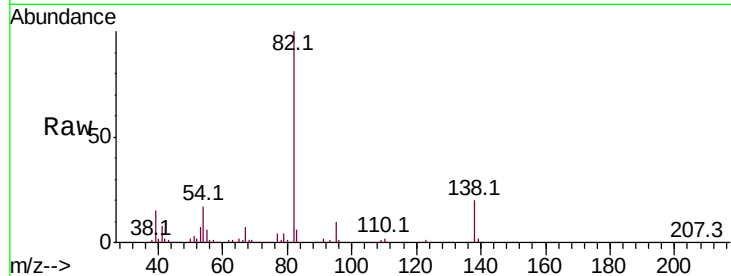
Tot Ion: 82 Resp: 227854

Ion Ratio Lower Upper

82 100

95 9.6 6.9 10.3

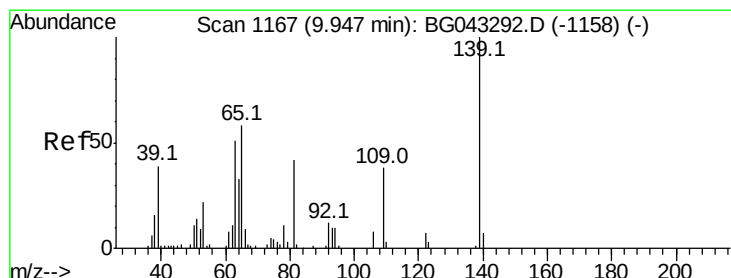
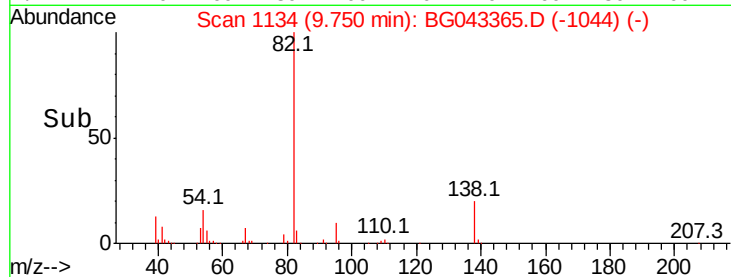
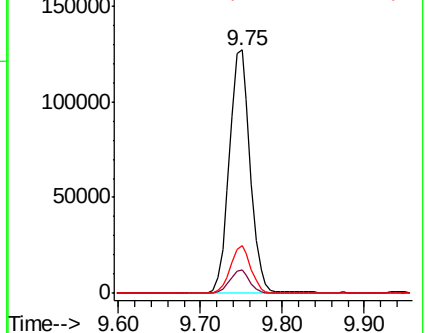
138 19.8 14.2 21.2



Abundance Ion 82.00 (81.70 to 82.70): BG043365.D (-1044) (-)

Ion 95.00 (94.70 to 95.70): BG043365.D (-1044) (-)

Ion 138.00 (137.70 to 138.70): BG043365.D (-1044) (-)



#26

2-Nitrophenol

Concen: 44.358 ng

RT: 9.94 min Scan# 1166

Delta R.T. -0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

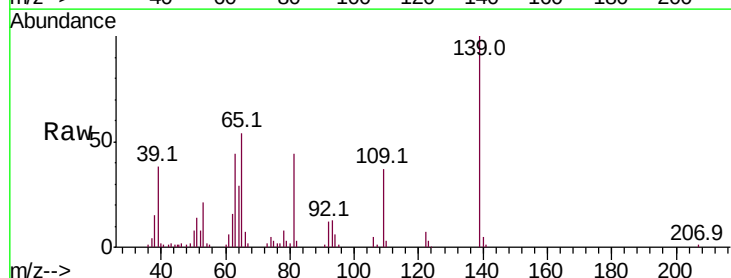
Tgt Ion: 139 Resp: 62239

Ion Ratio Lower Upper

139 100

109 36.7 30.1 45.1

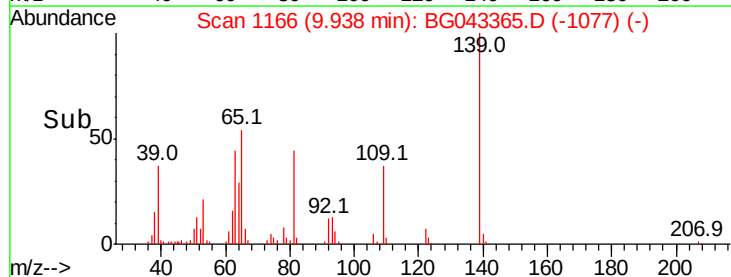
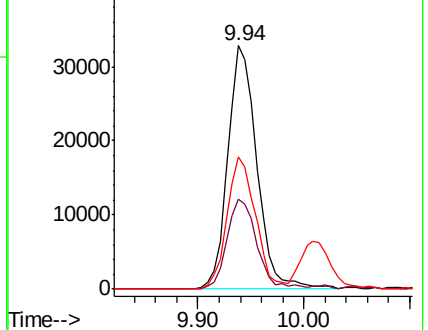
65 54.2 46.1 69.1

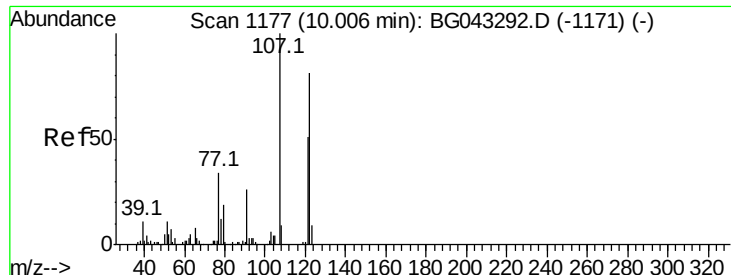


Abundance Ion 139.00 (138.70 to 139.70): BG043365.D (-1077) (-)

Ion 109.00 (108.70 to 109.70): BG043365.D (-1077) (-)

Ion 65.00 (64.70 to 65.70): BG043365.D (-1077) (-)

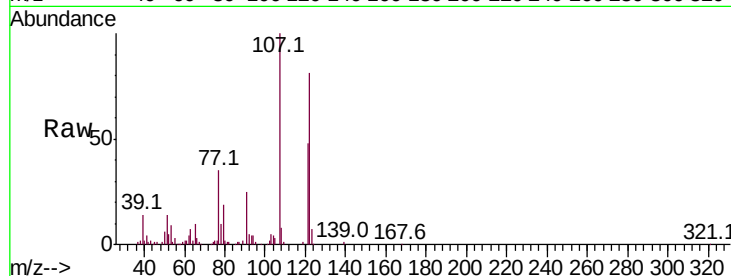




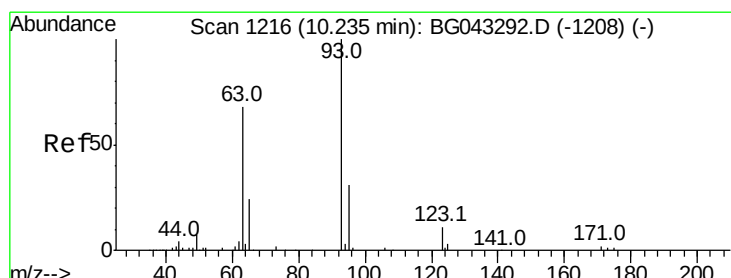
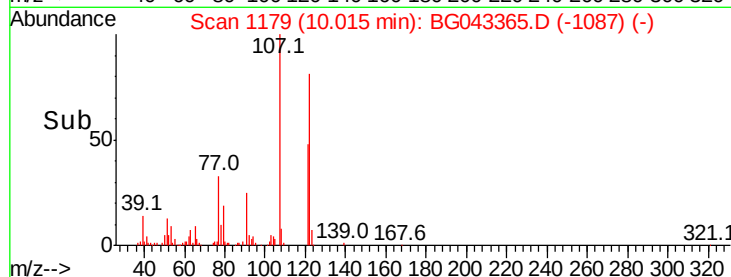
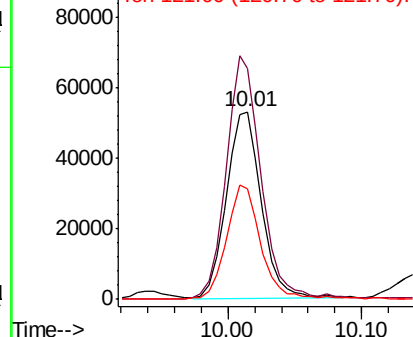
#27
2,4-Dimethylphenol
Concen: 48.199 ng
RT: 10.01 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:122 Resp: 96930
Ion Ratio Lower Upper
122 100
107 123.2 98.6 147.8
121 58.8 50.1 75.1

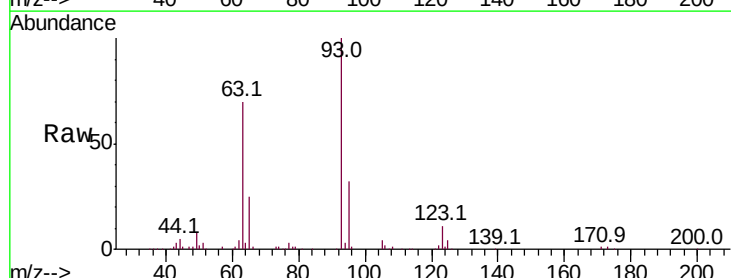


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

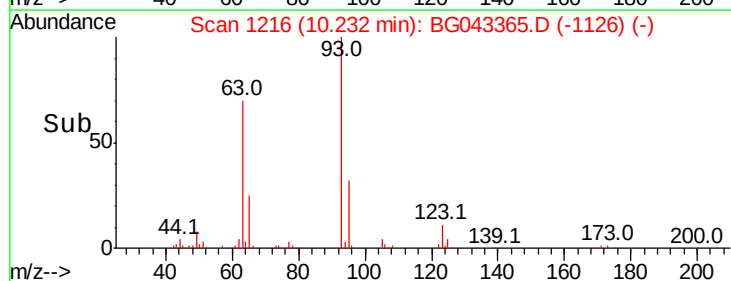
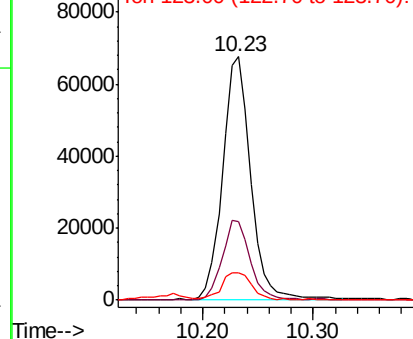


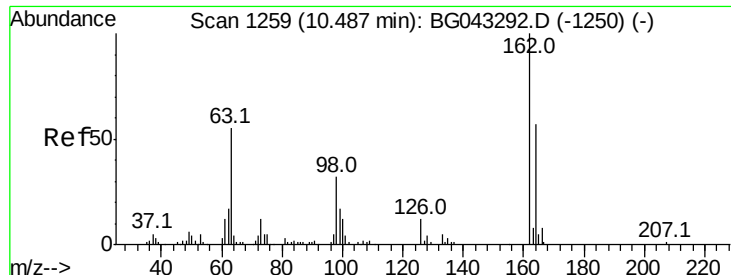
#28
bis(2-Chloroethoxy)methane
Concen: 39.044 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion: 93 Resp: 120198
Ion Ratio Lower Upper
93 100
95 32.1 24.9 37.3
123 11.4 8.9 13.3



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: 44.609 ng

RT: 10.49 min Scan# 1260

Delta R.T. 0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

ClientSampleId :

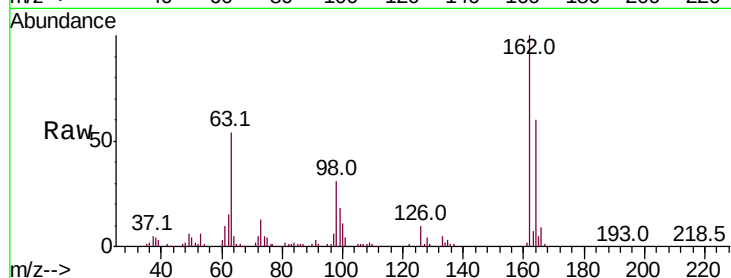
Tot Ion:162 Resp: 114945

Ion Ratio Lower Upper

162 100

164 60.5 37.3 77.3

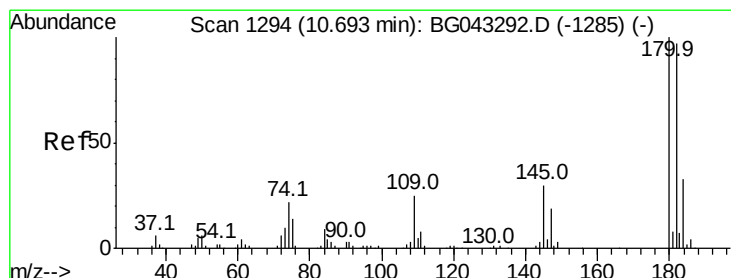
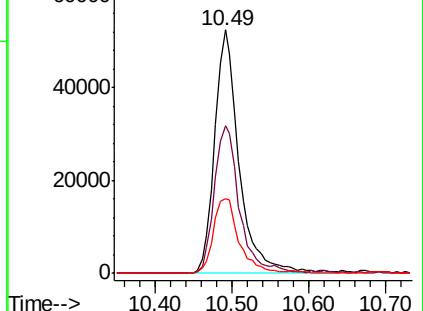
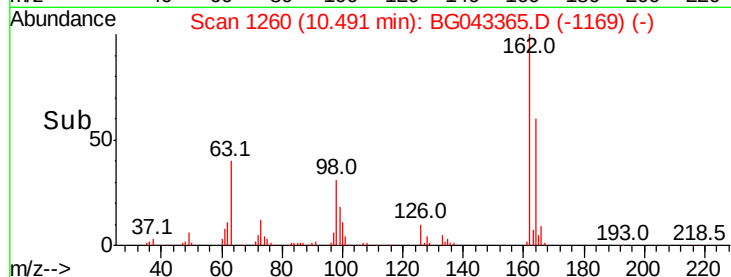
98 30.9 11.8 51.8



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): BGC



#30

1,2,4-Trichlorobenzene

Concen: 39.638 ng

RT: 10.69 min Scan# 1294

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

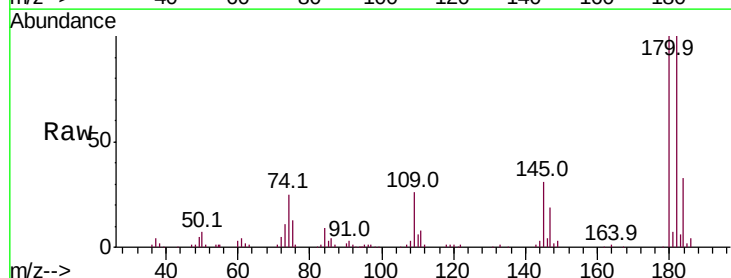
Tgt Ion:180 Resp: 128728

Ion Ratio Lower Upper

180 100

182 99.8 77.8 116.8

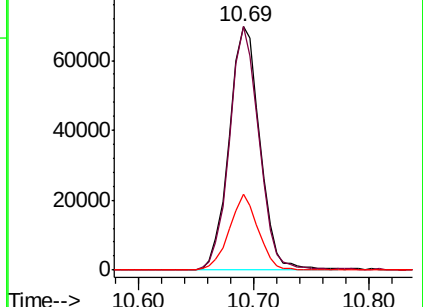
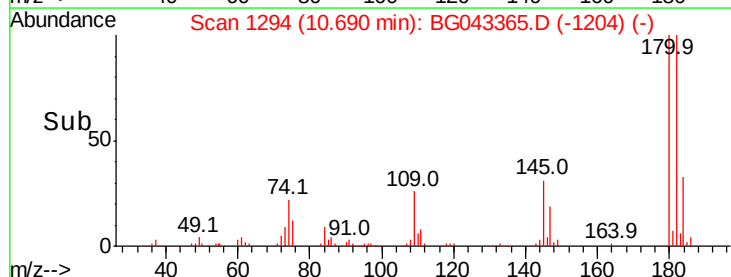
145 31.4 23.6 35.4

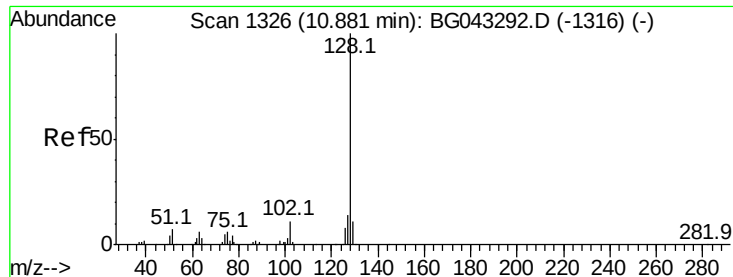


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

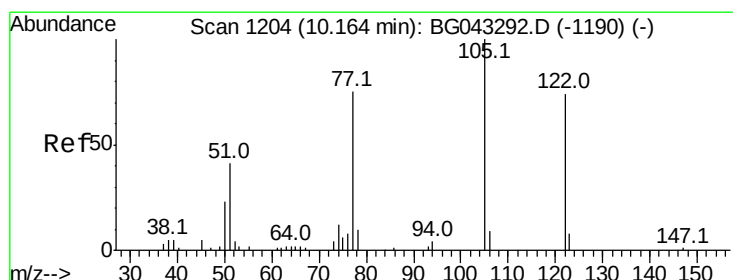
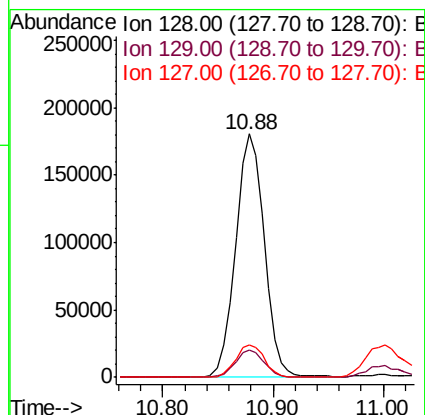
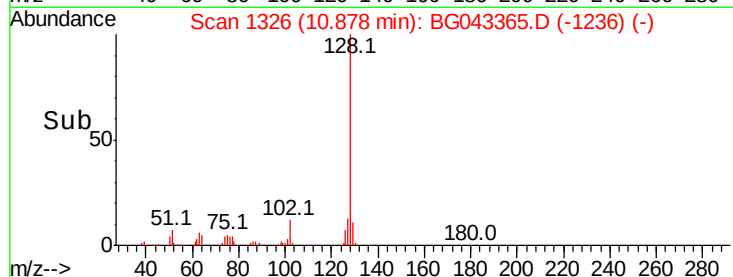
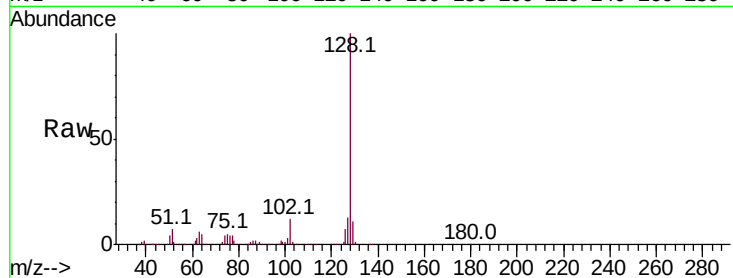




#31
Naphthalene
Concen: 41.363 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

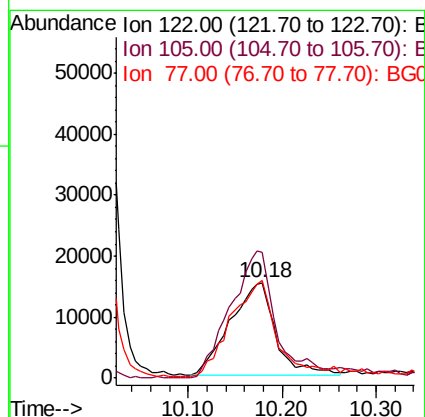
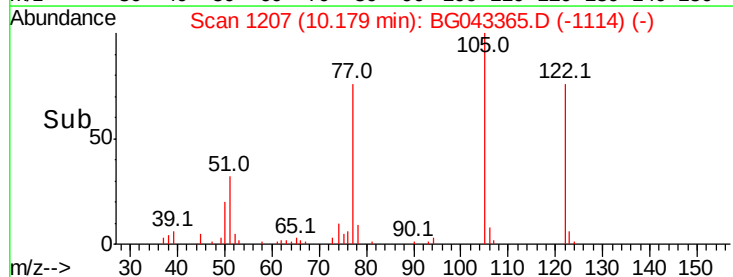
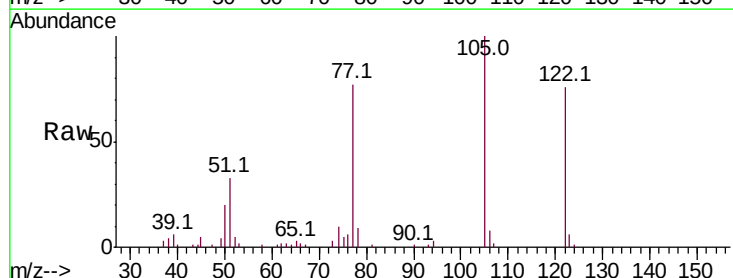
Instrument :
BNA_G
ClientSampled :

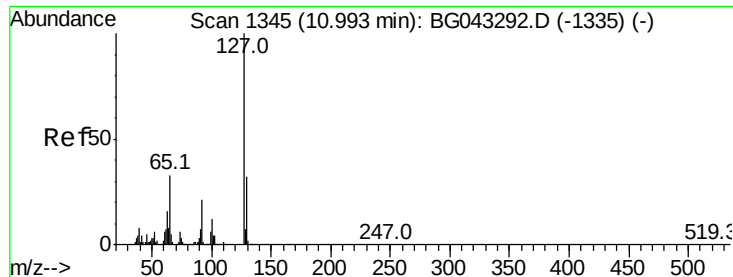
Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.2	11.5	17.3



#32
Benzoic acid
Concen: 36.079 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.9	112.4	152.4
77	102.0	82.7	122.7

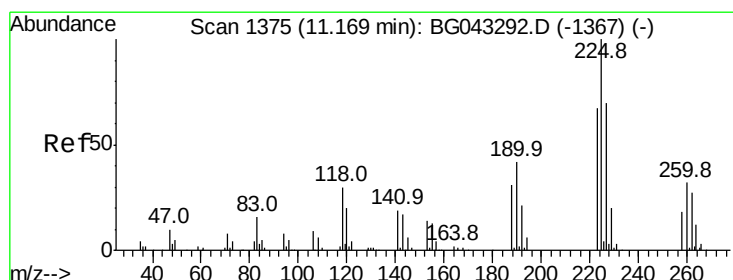
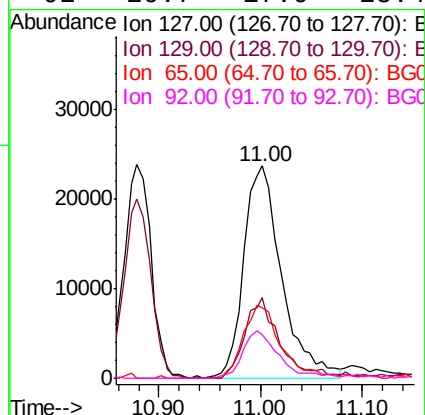
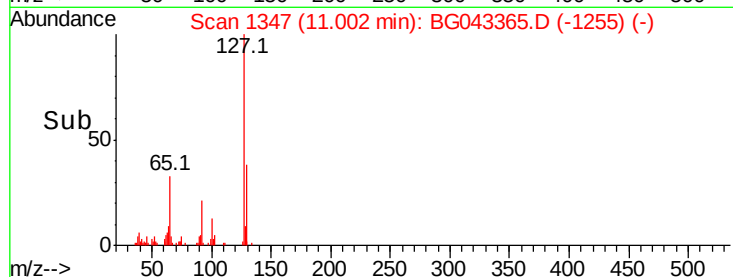
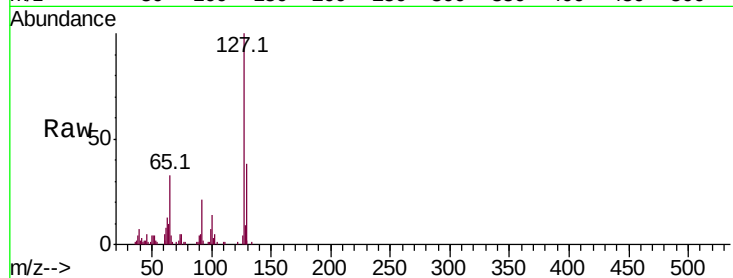




#33
4-Chloroaniline
Concen: 18.878 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

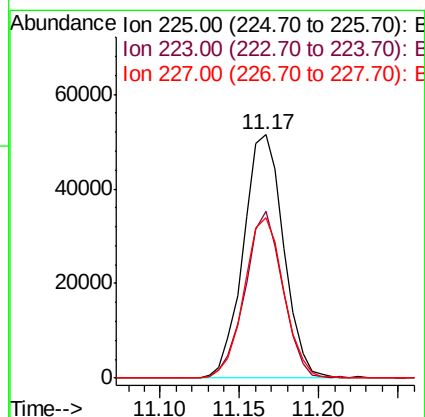
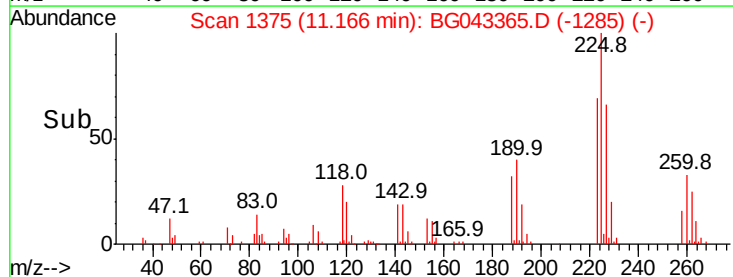
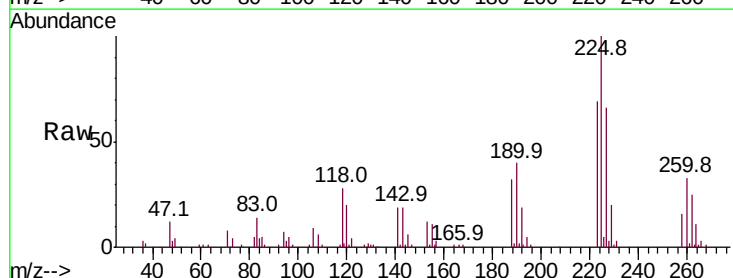
Instrument :
BNA_G
ClientSampled :

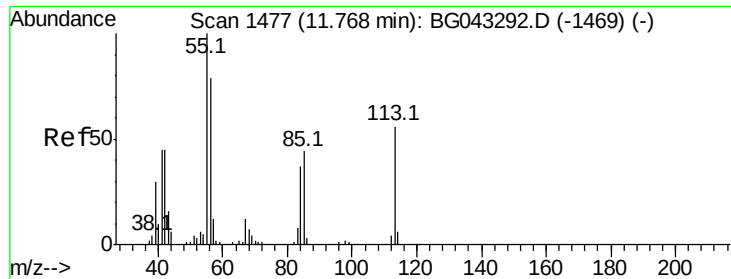
Tot Ion:127	Resp:	61781
Ion Ratio	Lower	Upper
127	100	
129	38.2	25.8 38.8
65	33.5	26.2 39.2
92	20.7	17.0 25.4



#34
Hexachlorobutadiene
Concen: 37.810 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion:225	Resp:	90770
Ion Ratio	Lower	Upper
225	100	
223	68.7	53.2 79.8
227	66.0	56.2 84.2

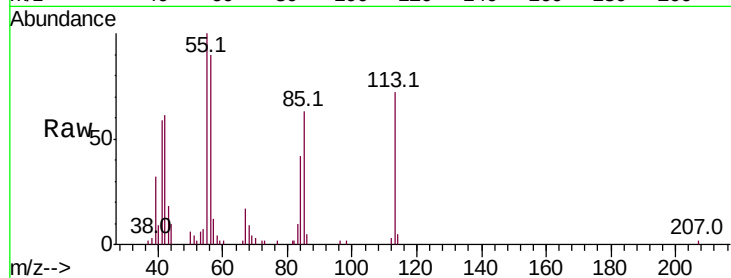




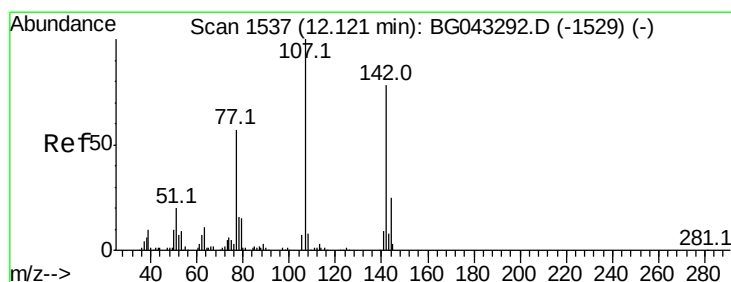
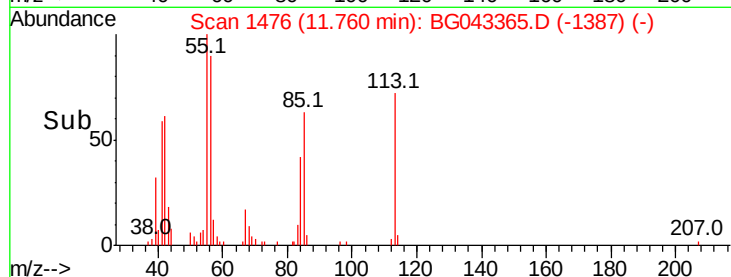
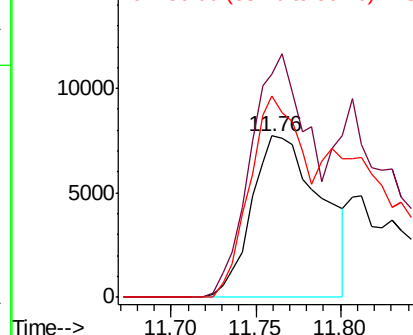
#35
Caprolactam
Concen: 24.857 ng
RT: 11.76 min Scan# 1476
Delta R.T. -0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:113 Resp: 22059
Ion Ratio Lower Upper
113 100
55 138.0 158.9 198.9#
56 124.6 121.4 161.4

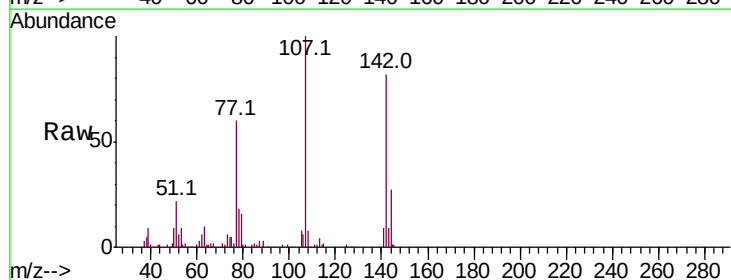


Abundance Ion 113.00 (112.70 to 113.70): E
Ion 55.00 (54.70 to 55.70): BG
Ion 56.00 (55.70 to 56.70): BG

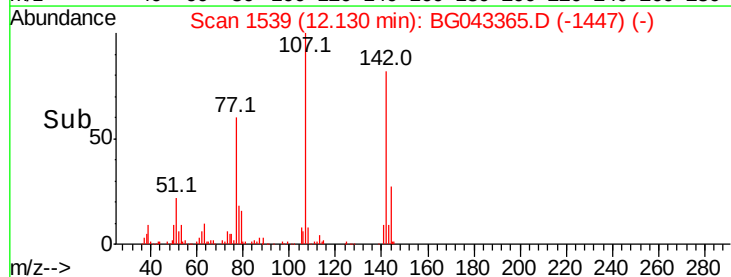
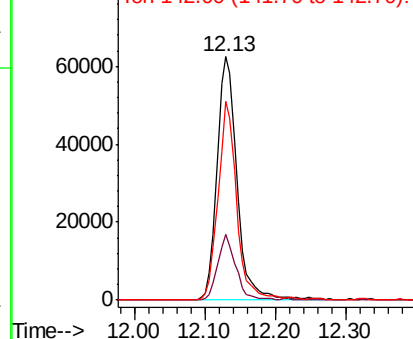


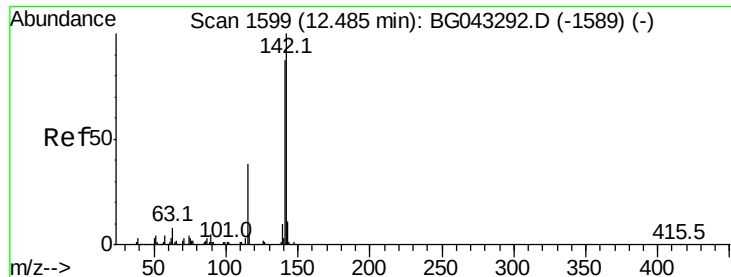
#36
4-Chloro-3-methylphenol
Concen: 43.855 ng
RT: 12.13 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion:107 Resp: 123260
Ion Ratio Lower Upper
107 100
144 27.0 19.9 29.9
142 81.5 62.1 93.1



Abundance Ion 107.00 (106.70 to 107.70): E
Ion 144.00 (143.70 to 144.70): E
Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 40.972 ng

RT: 12.48 min Scan# 1599

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

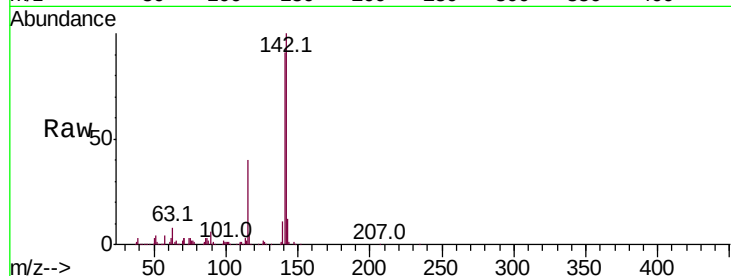
Instrument :

BNA_G

ClientSampleId :

Tot Ion:142 Resp: 250989

Ion	Ratio	Lower	Upper
142	100		
141	91.4	69.7	104.5
115	40.0	30.6	46.0

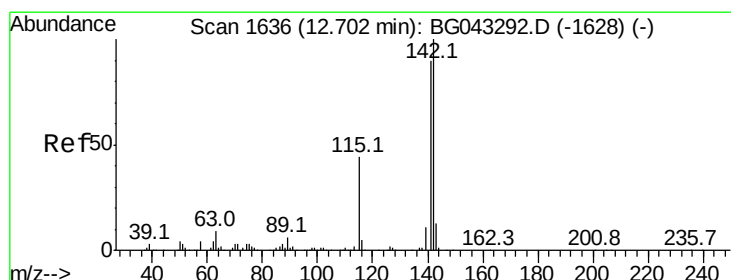
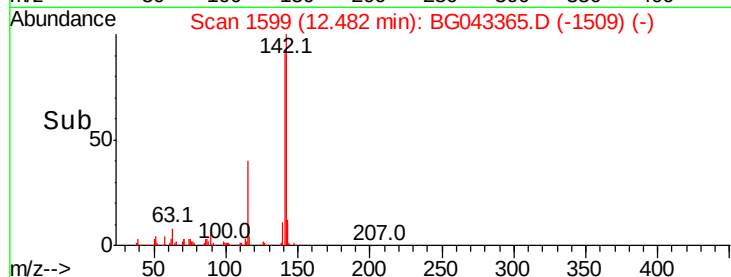
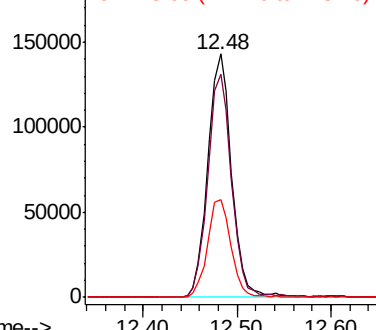


Abundance

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

1-Methylnaphthalene

Concen: 41.285 ng

RT: 12.70 min Scan# 1636

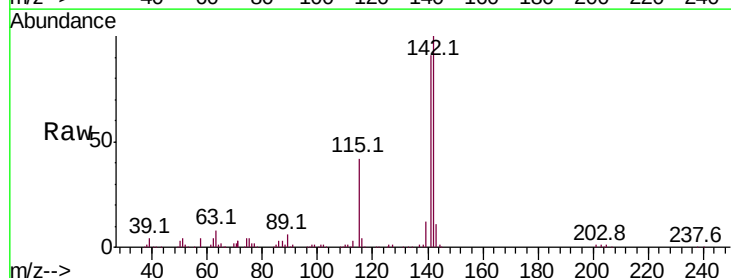
Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Tgt Ion:142 Resp: 240635

Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.3	108.5
116	3.9	3.8	5.6

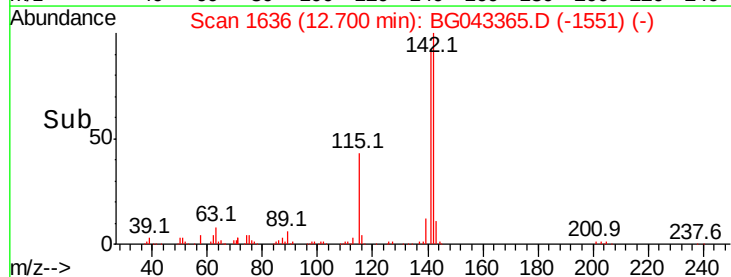
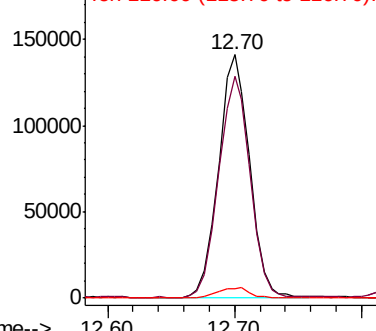


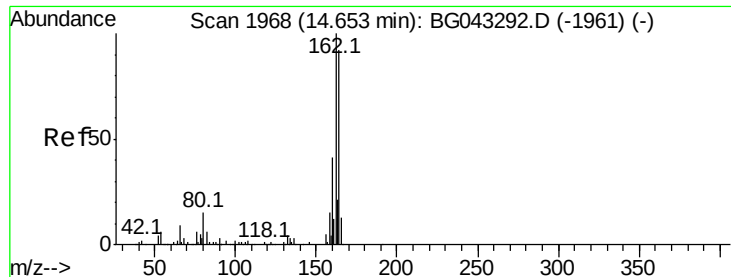
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

ClientSampleId :

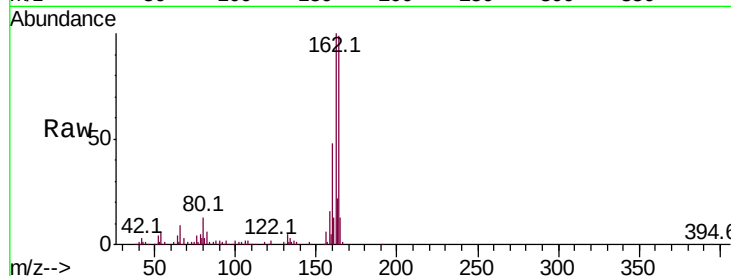
Tot Ion:164 Resp: 112648

Ion Ratio Lower Upper

164 100

162 101.4 87.0 130.4

160 48.3 35.5 53.3

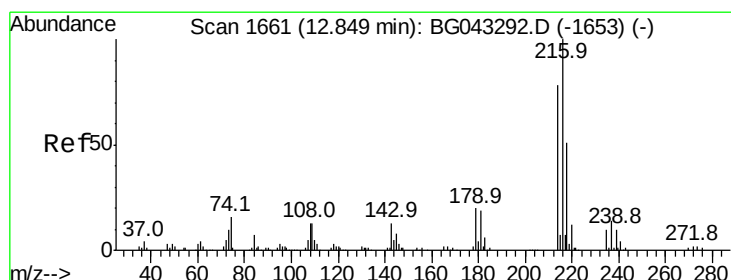
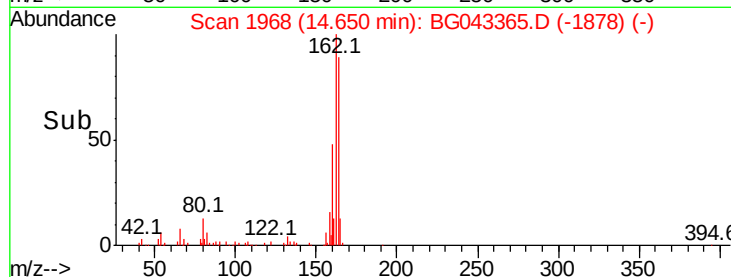
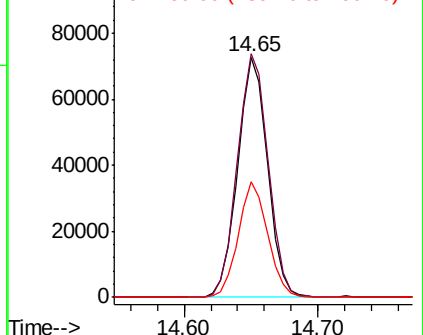


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 40.279 ng

RT: 12.85 min Scan# 1662

Delta R.T. 0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Tgt Ion:216 Resp: 167921

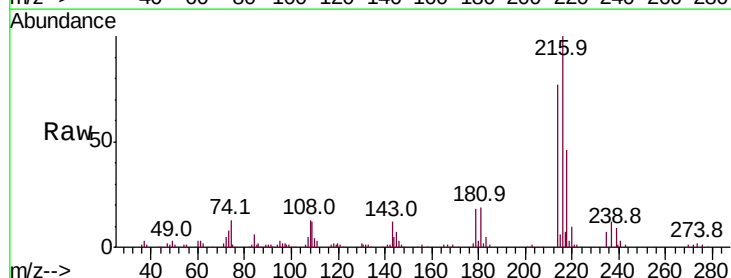
Ion Ratio Lower Upper

216 100

214 77.3 63.5 95.3

179 19.3 16.2 24.2

108 16.4 11.2 16.8



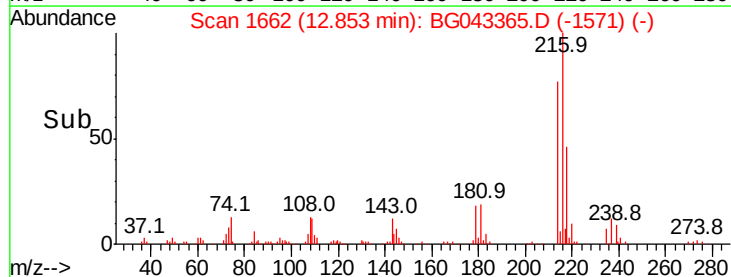
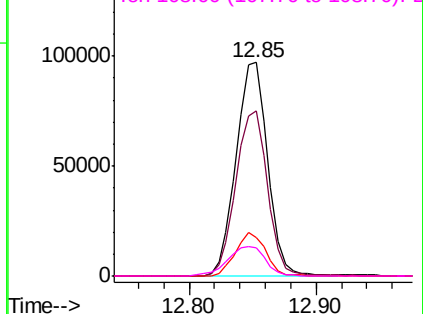
Abundance

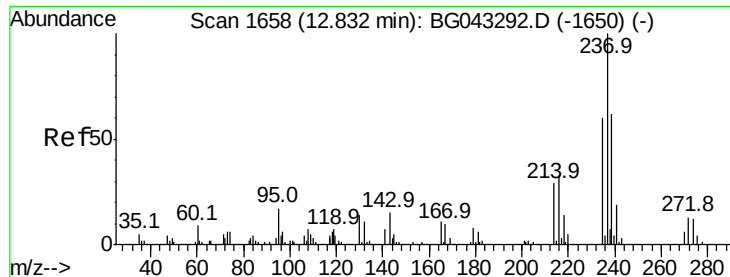
Ion 216.00 (215.70 to 216.70): E

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





#41

Hexachlorocyclopentadiene

Concen: 89.399 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

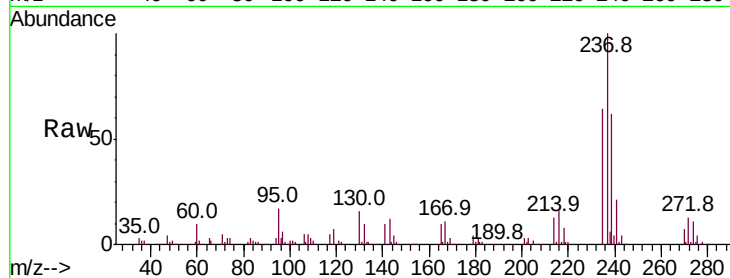
Instrument :

BNA_G

ClientSampleId :

Tot Ion:237 Resp: 195780

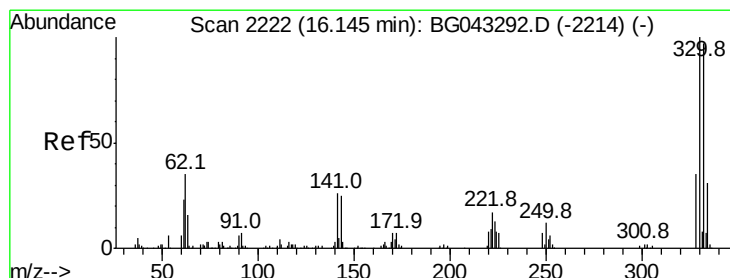
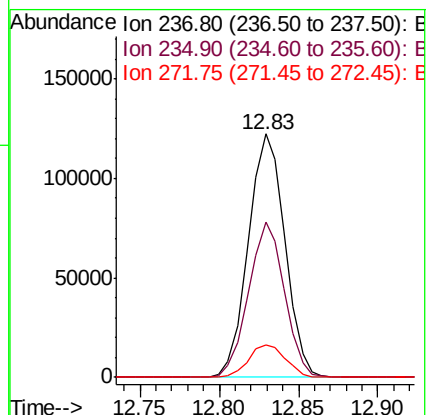
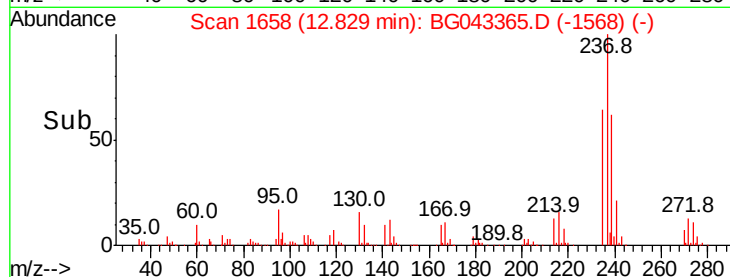
Ion	Ratio	Lower	Upper
237	100		
235	63.6	40.3	80.3
272	13.5	0.0	32.9



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



#42

2,4,6-Tribromophenol

Concen: 100.322 ng

RT: 16.14 min Scan# 2222

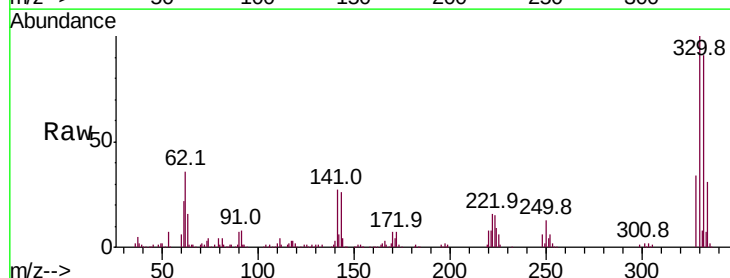
Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Tgt Ion:330 Resp: 215059

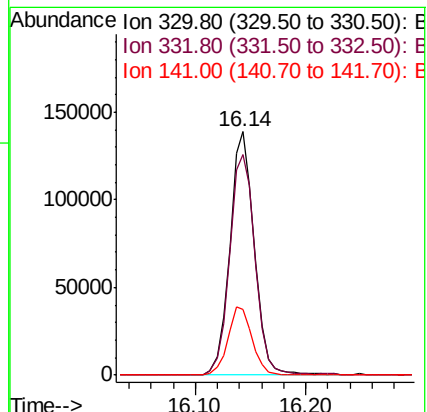
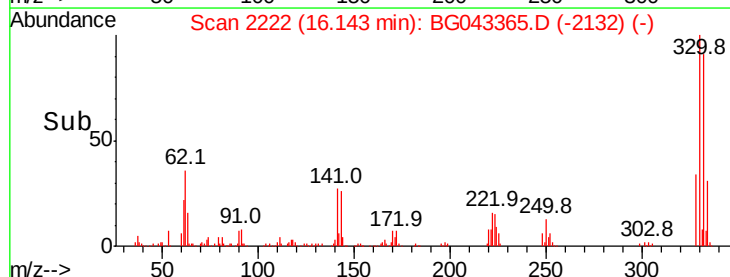
Ion	Ratio	Lower	Upper
330	100		
332	94.5	76.4	114.6
141	27.6	21.4	32.0

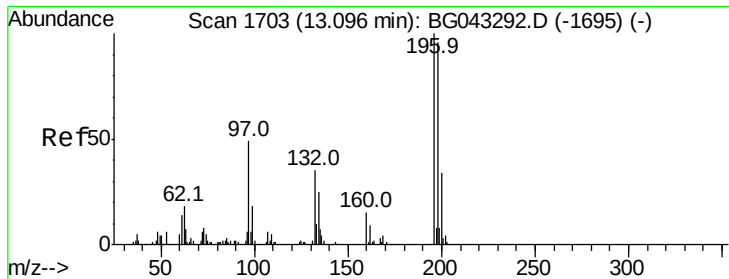


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

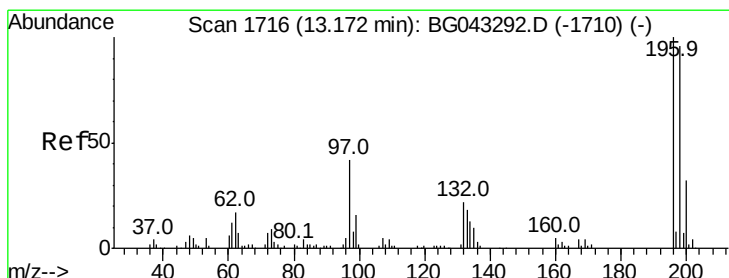
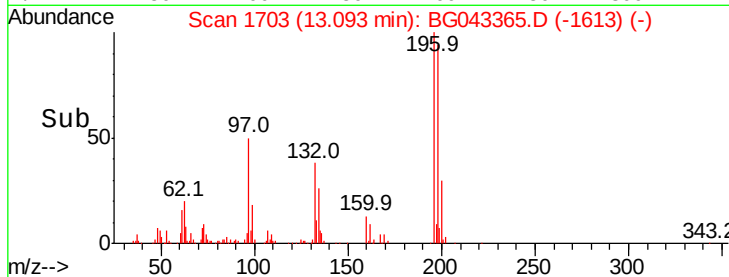
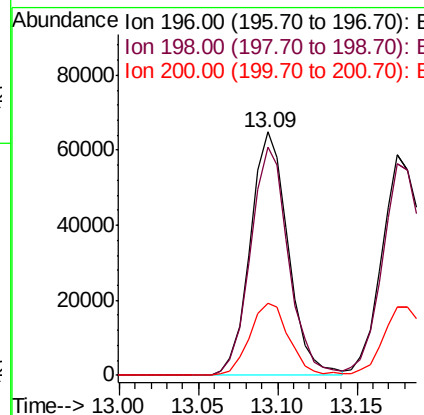
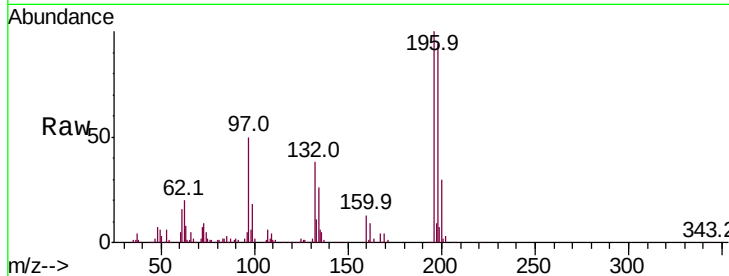




#43
 2,4,6-Trichlorophenol
 Concen: 43.800 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

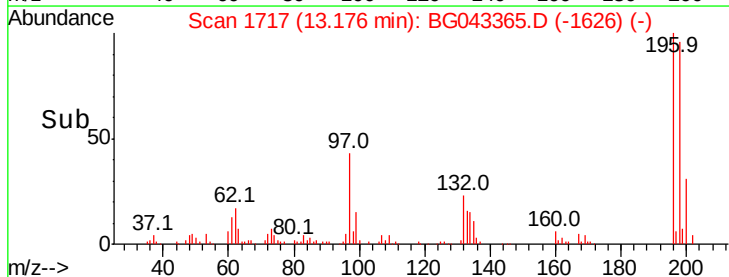
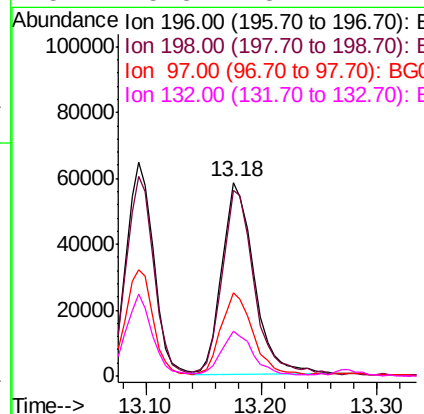
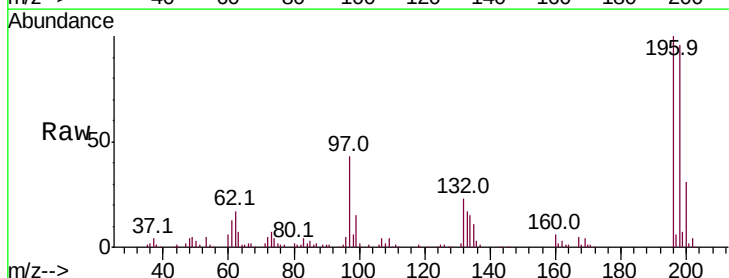
Instrument :
 BNA_G
 ClientSampled :

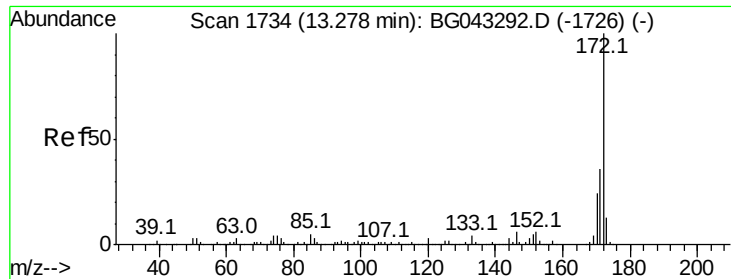
Tot Ion	Ratio	Lower	Upper
196	100		
198	93.7	77.0	115.4
200	29.6	27.4	41.2



#44
 2,4,5-Trichlorophenol
 Concen: 46.033 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
196	100		
198	95.7	76.6	114.8
97	42.7	34.1	51.1
132	23.3	18.2	27.4

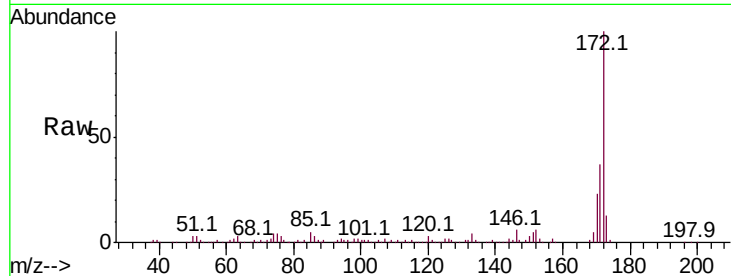




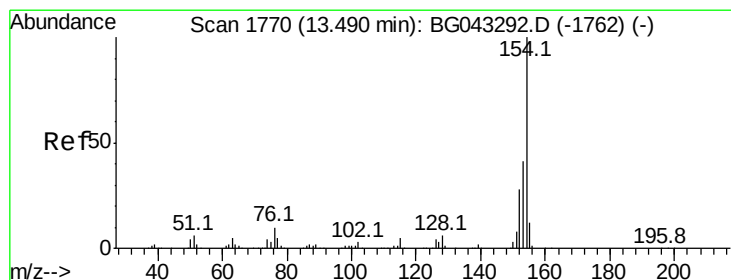
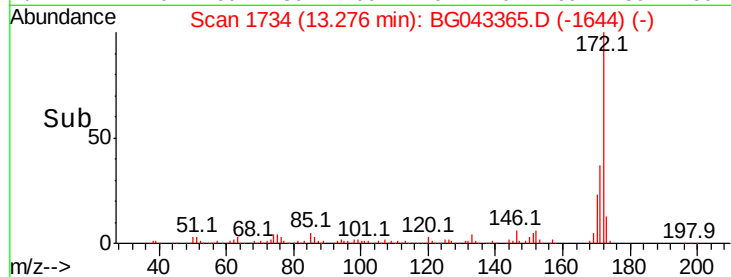
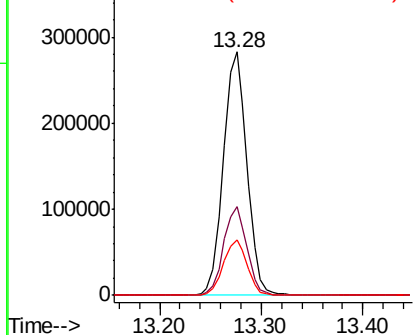
#45
2-Fluorobiphenyl
Concen: 55.819 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:172 Resp: 455049
Ion Ratio Lower Upper
172 100
171 36.6 28.5 42.7
170 22.6 18.8 28.2

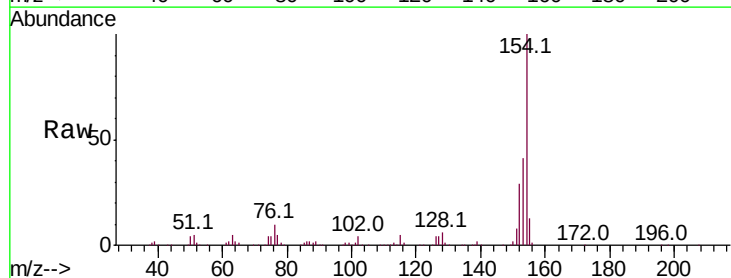


Abundance Ion 172.00 (171.70 to 172.70): E
Ion 171.00 (170.70 to 171.70): E
Ion 170.00 (169.70 to 170.70): E

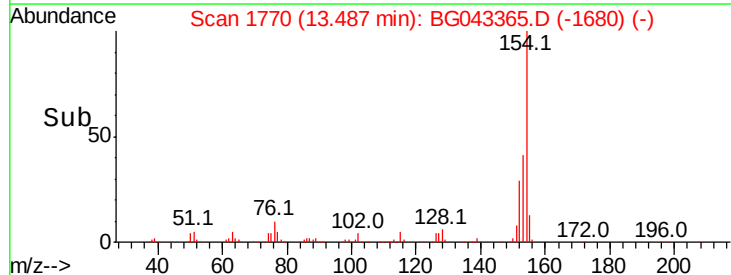
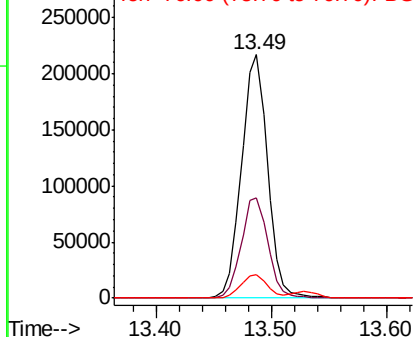


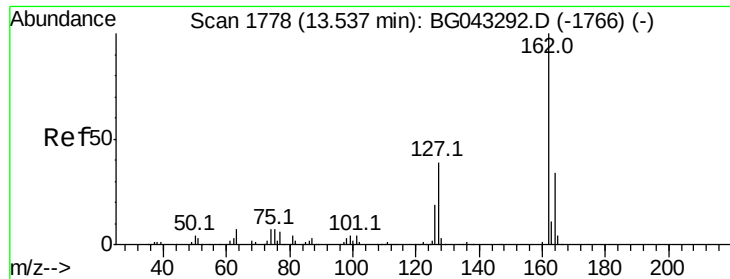
#46
1,1'-Biphenyl
Concen: 39.779 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion:154 Resp: 340891
Ion Ratio Lower Upper
154 100
153 41.1 21.0 61.0
76 9.8 0.0 29.8



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): BG

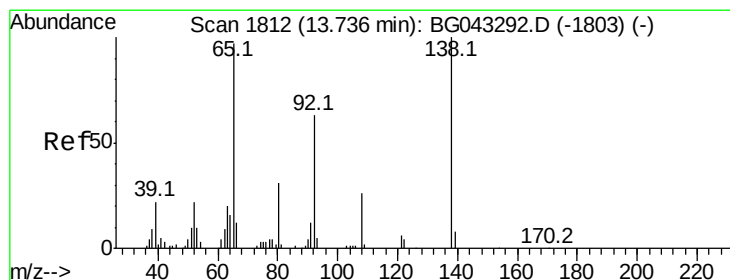
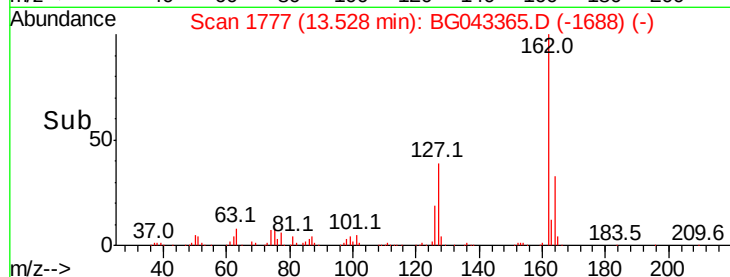
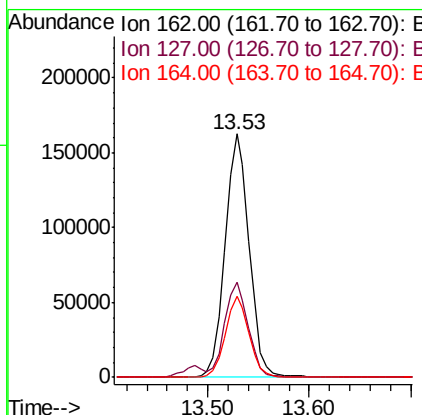
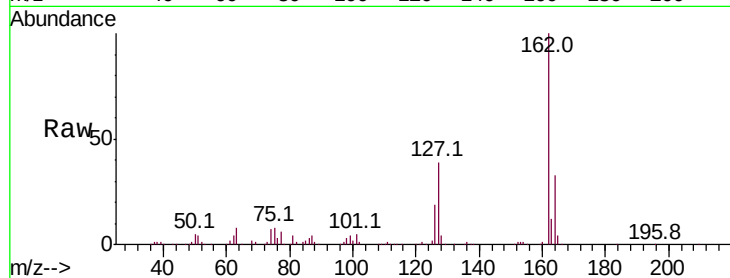




#47
2-Chloronaphthalene
Concen: 41.028 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

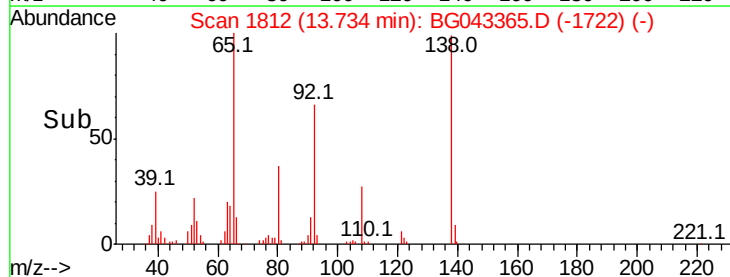
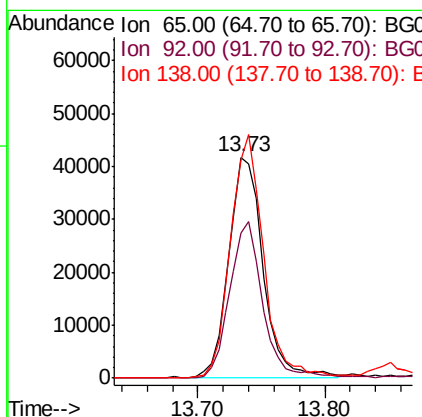
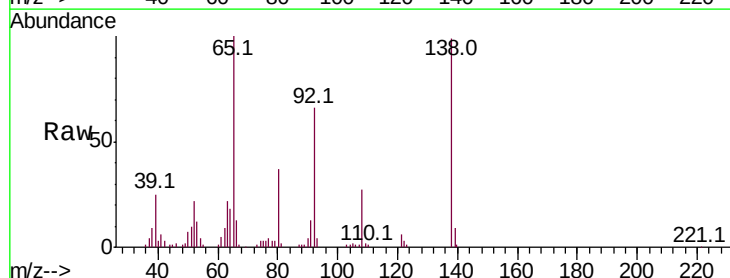
Instrument :
BNA_G
ClientSampleId :

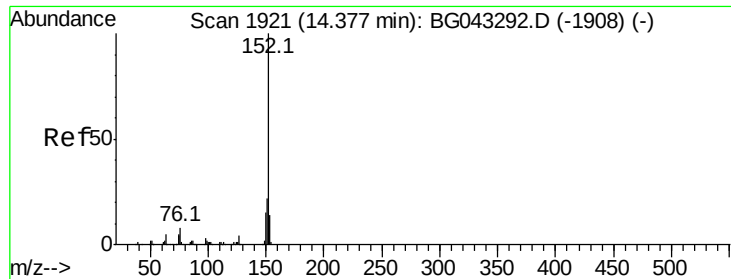
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.3	46.9
164	33.4	26.8	40.2



#48
2-Nitroaniline
Concen: 40.266 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	52.6	79.0
138	98.8	82.9	124.3





#49

Acenaphthylene

Concen: 42.690 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

ClientSampleId :

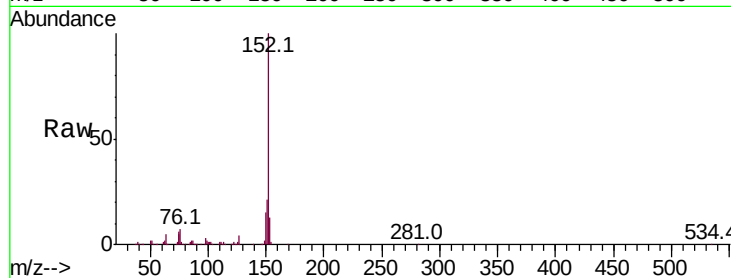
Tot Ion:152 Resp: 433223

Ion Ratio Lower Upper

152 100

151 20.9 17.2 25.8

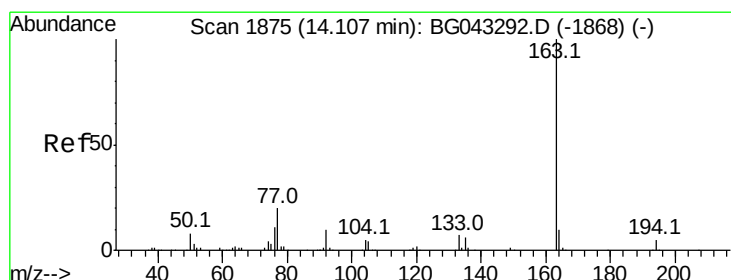
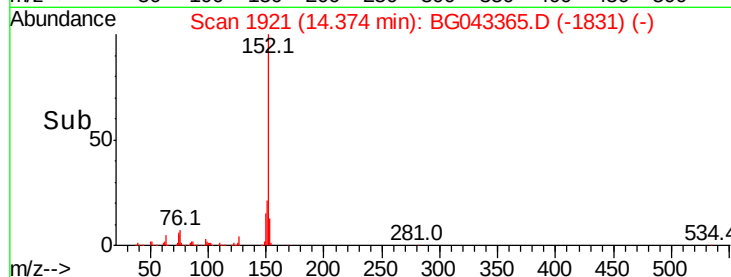
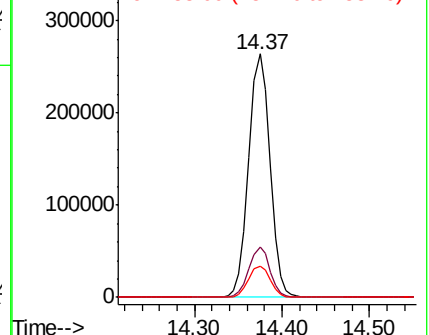
153 13.0 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 47.731 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

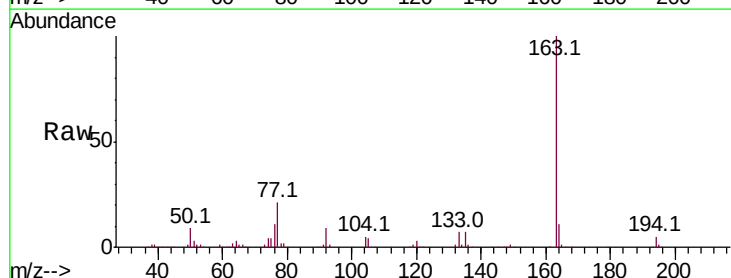
Tgt Ion:163 Resp: 416471

Ion Ratio Lower Upper

163 100

194 4.8 3.7 5.5

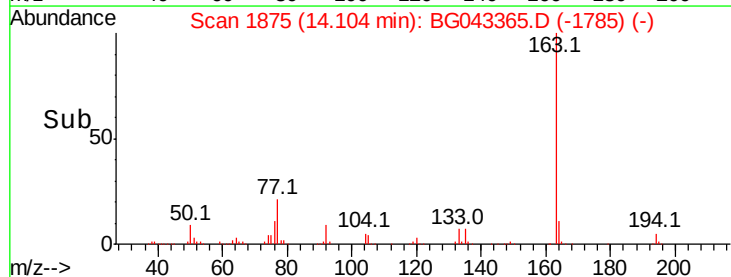
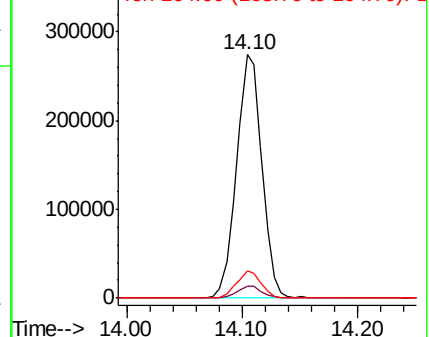
164 11.3 8.1 12.1

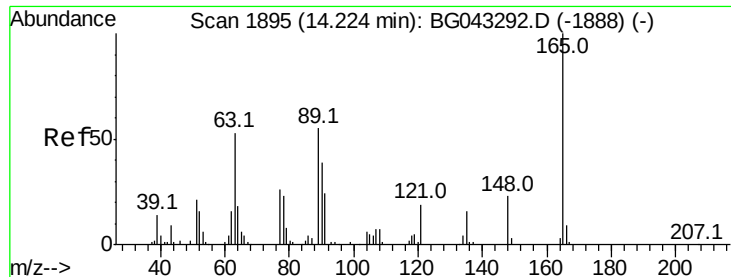


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

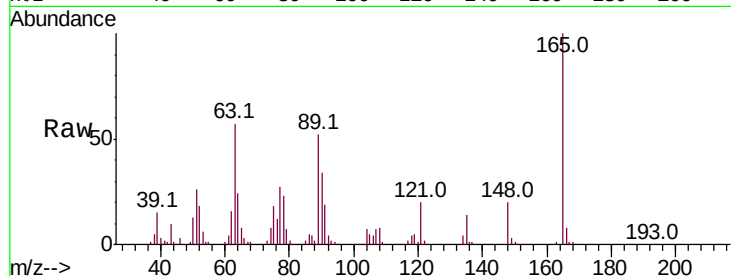




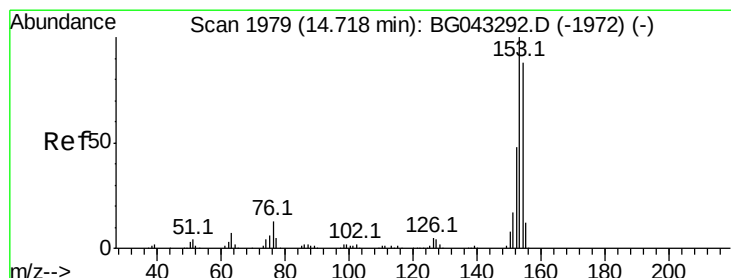
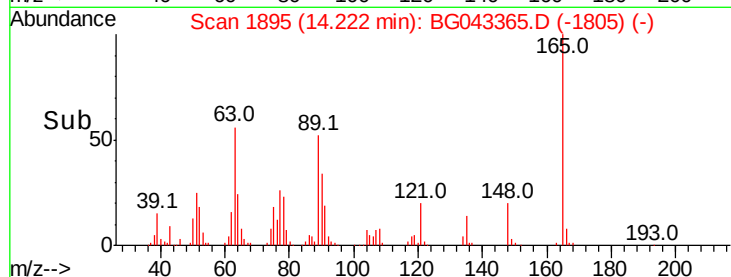
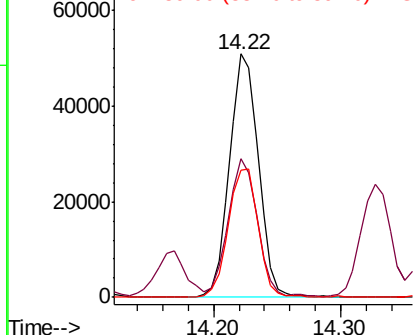
#51
 2,6-Dinitrotoluene
 Concen: 42.243 ng
 RT: 14.22 min Scan# 1895
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 80074
 Ion Ratio Lower Upper
 165 100
 63 56.8 47.1 70.7
 89 52.2 43.7 65.5

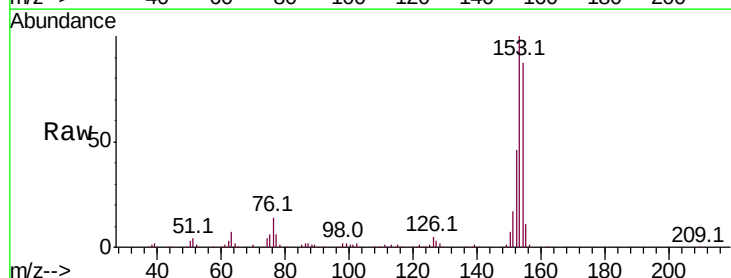


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

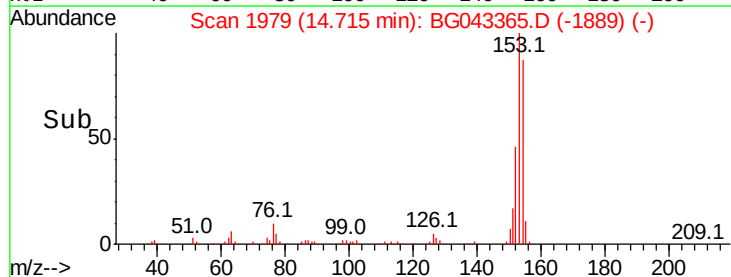
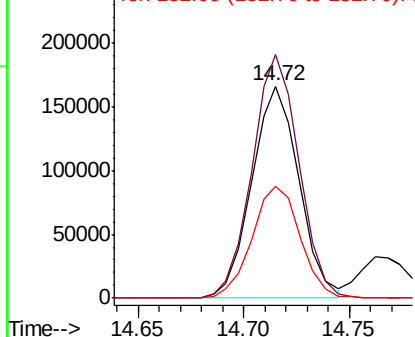


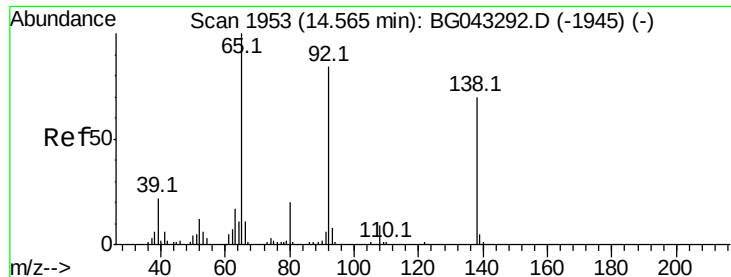
#52
 Acenaphthene
 Concen: 41.816 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Tgt Ion:154 Resp: 258782
 Ion Ratio Lower Upper
 154 100
 153 114.8 90.9 136.3
 152 52.9 43.9 65.9



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

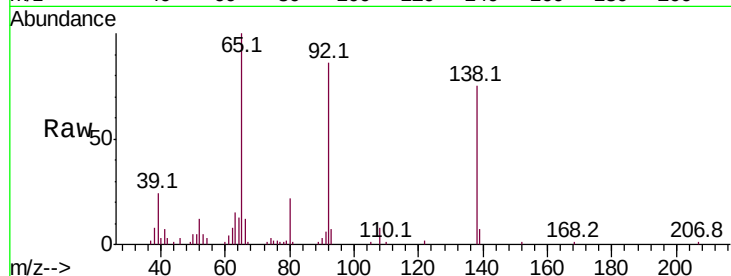




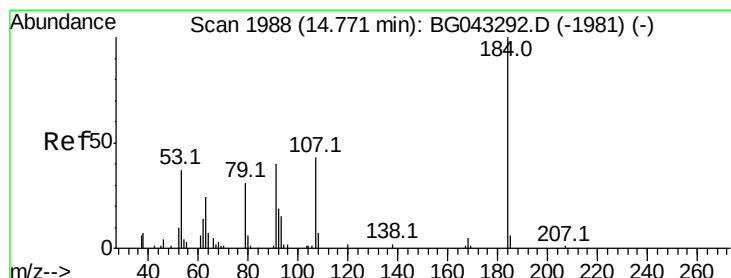
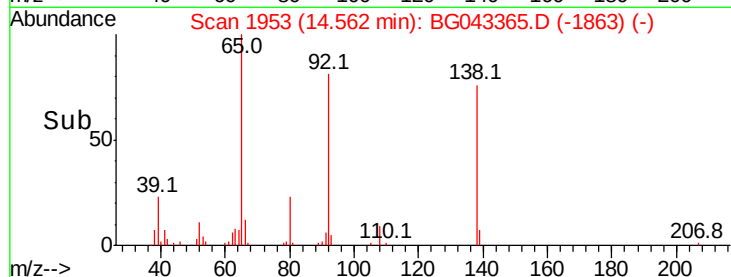
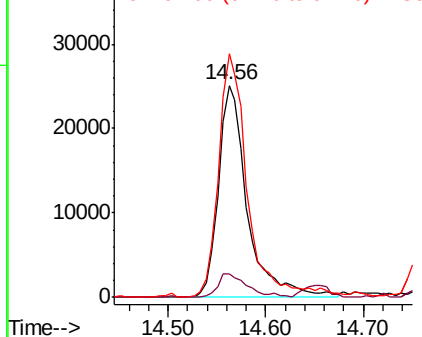
#53
3-Nitroaniline
Concen: 28.078 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:138 Resp: 51386
Ion Ratio Lower Upper
138 100
108 11.3 9.8 14.6
92 114.9 95.8 143.6

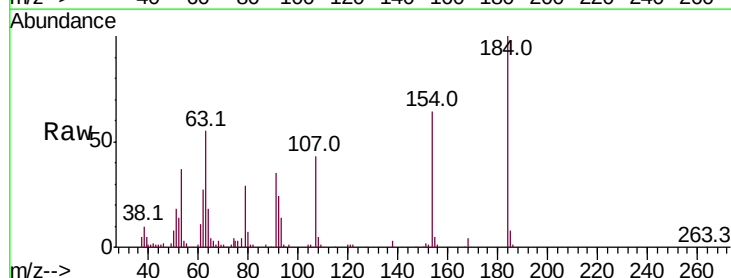


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

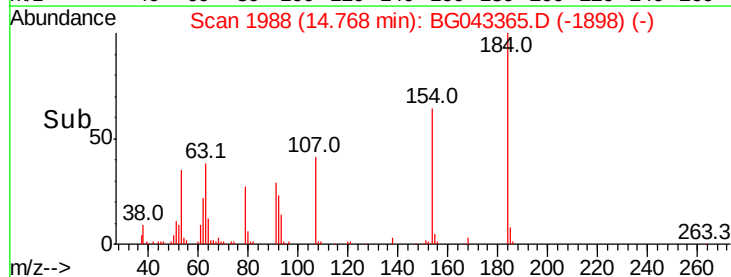
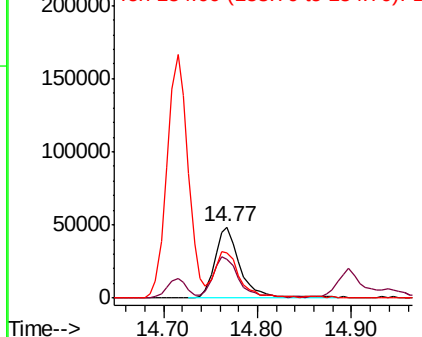


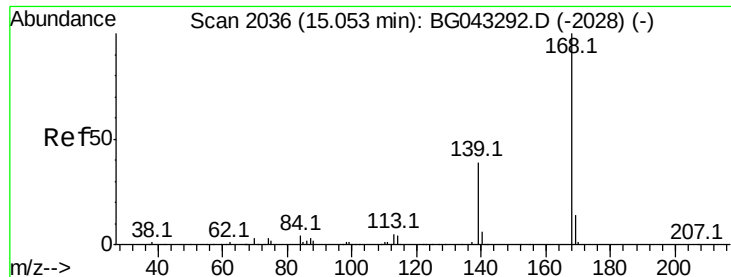
#54
2,4-Dinitrophenol
Concen: 77.194 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion:184 Resp: 91041
Ion Ratio Lower Upper
184 100
63 54.5 48.8 73.2
154 64.2 49.4 74.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 154.00 (153.70 to 154.70): E

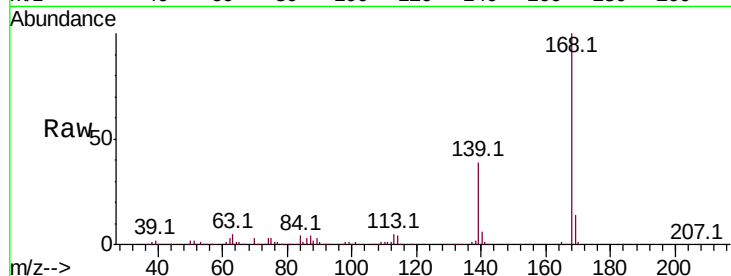




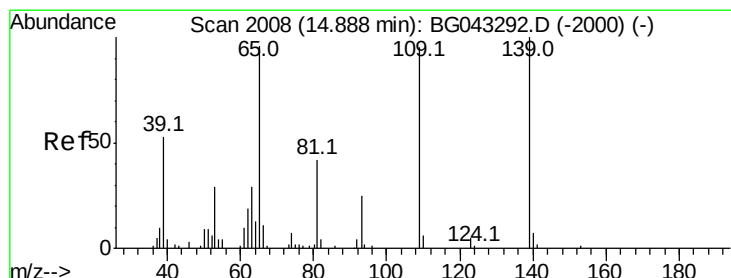
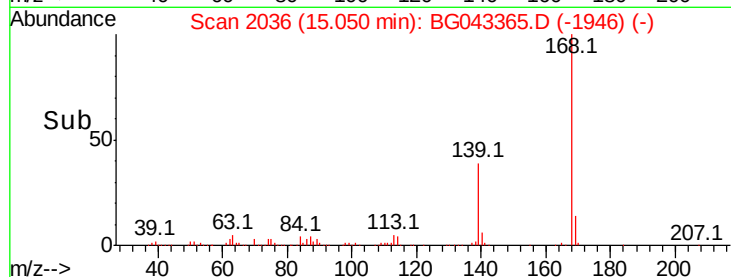
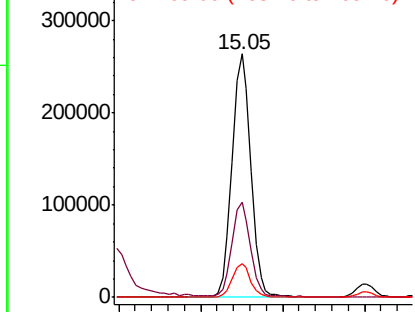
#55
Dibenzenofuran
Concen: 42.500 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:168 Resp: 426523
Ion Ratio Lower Upper
168 100
139 39.1 31.7 47.5
169 14.0 11.0 16.4

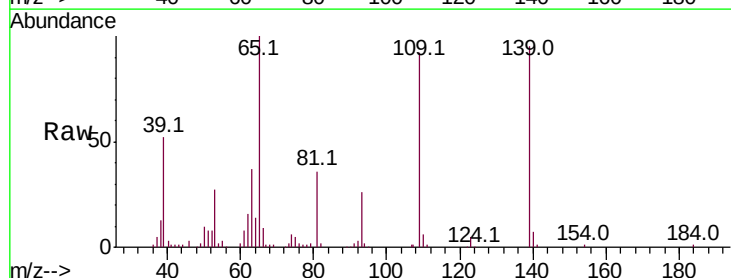


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

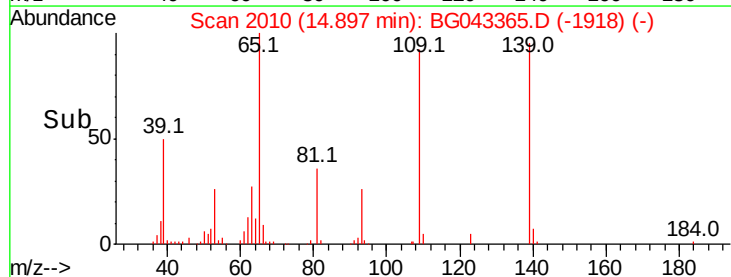
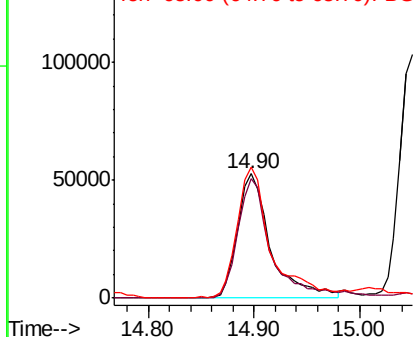


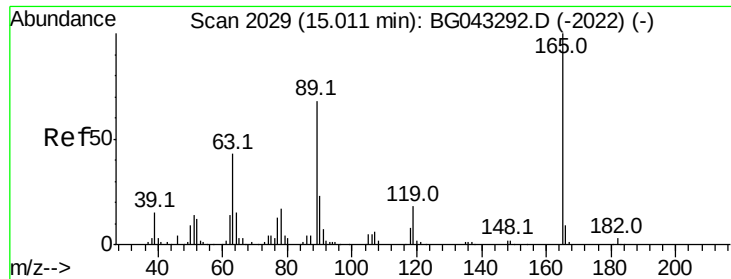
#56
4-Nitrophenol
Concen: 93.924 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion:139 Resp: 115191
Ion Ratio Lower Upper
139 100
109 96.3 75.4 115.4
65 104.9 76.6 116.6



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

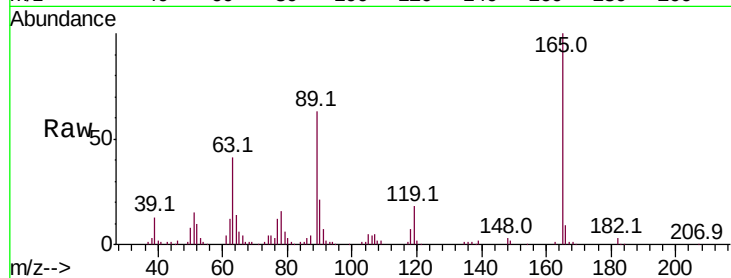




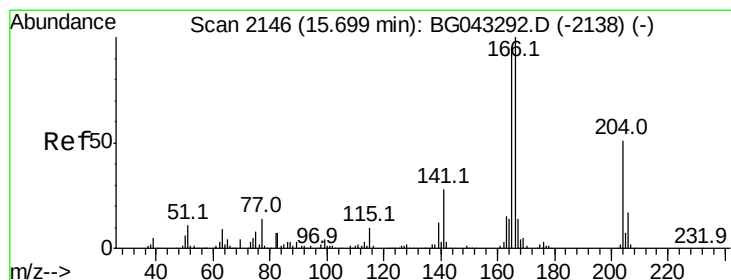
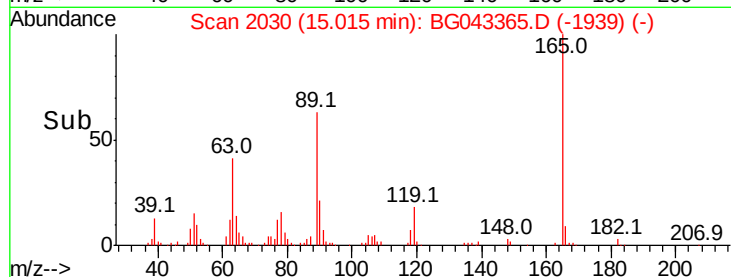
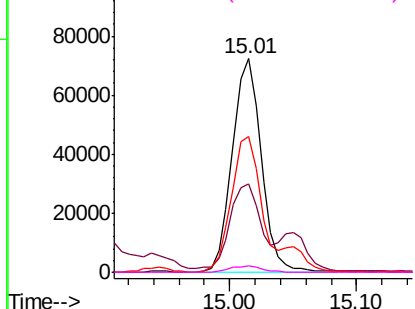
#57
 2,4-Dinitrotoluene
 Concen: 42.445 ng
 RT: 15.01 min Scan# 2030
 Delta R.T. 0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:165 Resp: 114983
 Ion Ratio Lower Upper
 165 100
 63 41.1 35.0 52.6
 89 63.4 54.1 81.1
 182 2.8 2.2 3.2

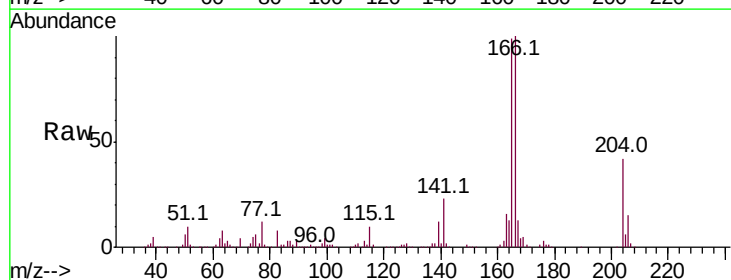


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

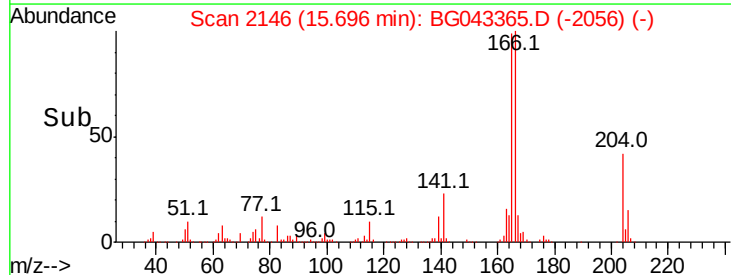
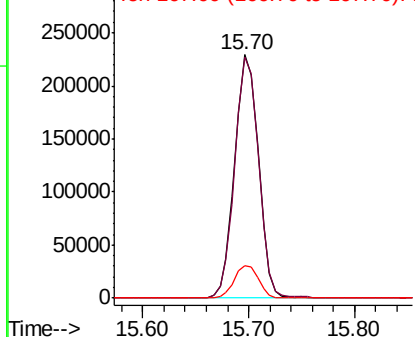


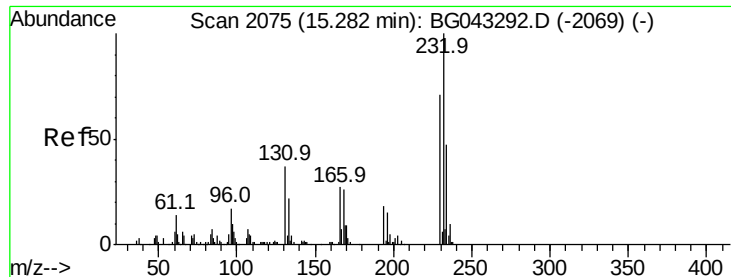
#58
 Fluorene
 Concen: 42.393 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Tgt Ion:166 Resp: 356834
 Ion Ratio Lower Upper
 166 100
 165 98.8 76.4 114.6
 167 13.4 11.1 16.7



Abundance Ion 166.00 (165.70 to 166.70): E
 Ion 165.00 (164.70 to 165.70): E
 Ion 167.00 (166.70 to 167.70): E





#59

2,3,4,6-Tetrachlorophenol

Concen: 44.398 ng

RT: 15.28 min Scan# 2075

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

ClientSampleId :

Tot Ion:232 Resp: 117083

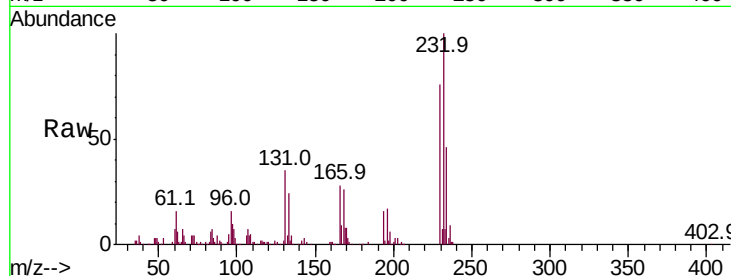
Ion Ratio Lower Upper

232 100

131 34.6 28.7 43.1

130 2.1 0.6 0.8#

166 27.4 21.1 31.7

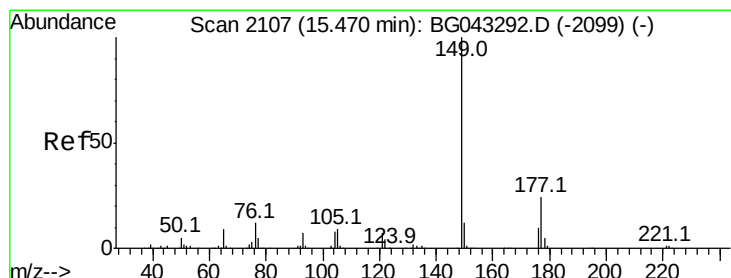
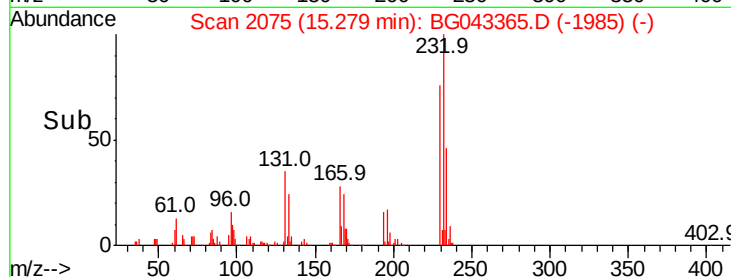
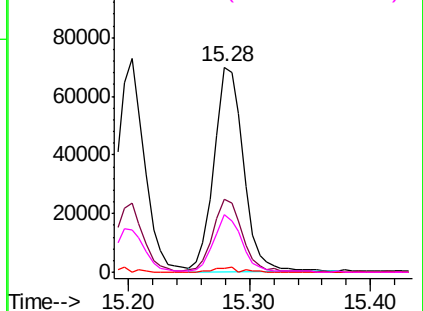


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 39.993 ng

RT: 15.47 min Scan# 2107

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

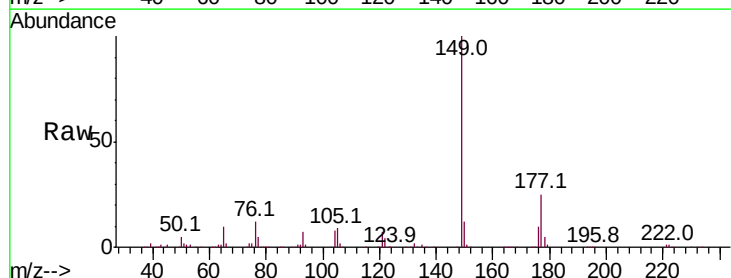
Tgt Ion:149 Resp: 350627

Ion Ratio Lower Upper

149 100

177 25.1 19.0 28.4

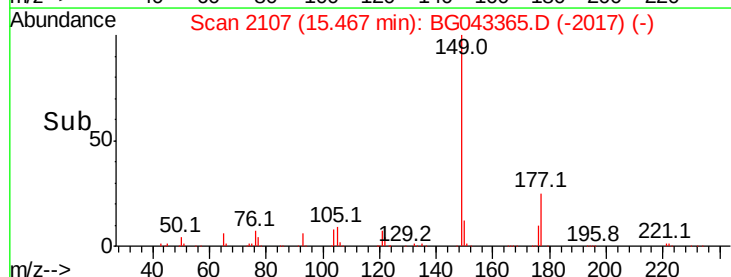
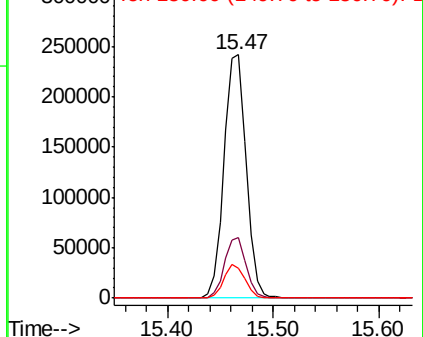
150 12.4 9.4 14.0

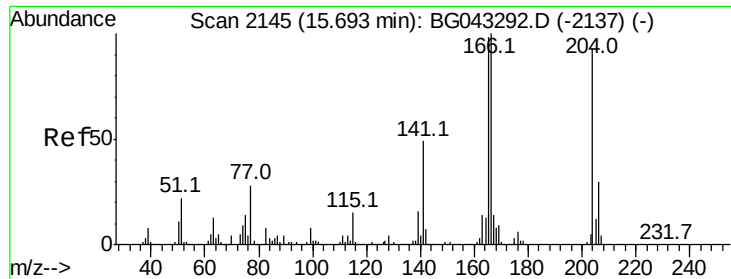


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

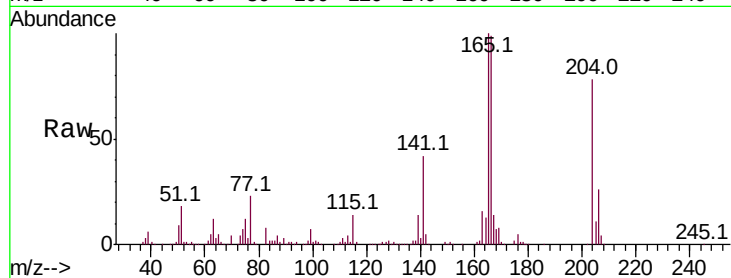




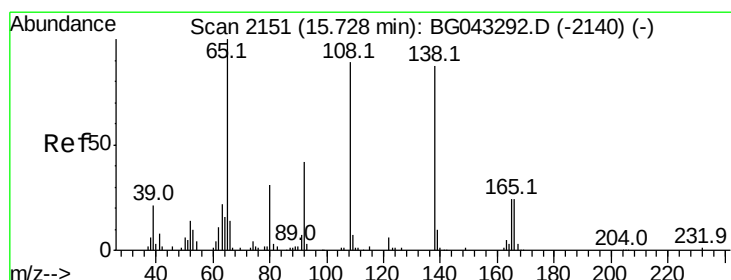
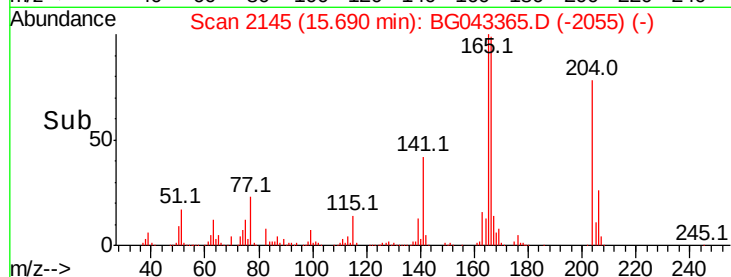
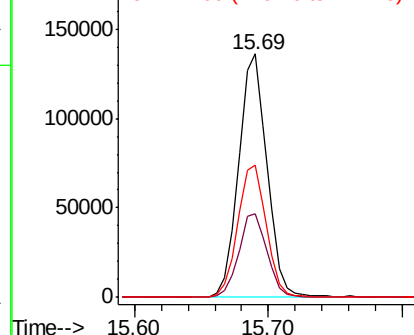
#61
 4-Chlorophenyl-phenylether
 Concen: 40.827 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	25.7	38.5
141	54.3	42.3	63.5

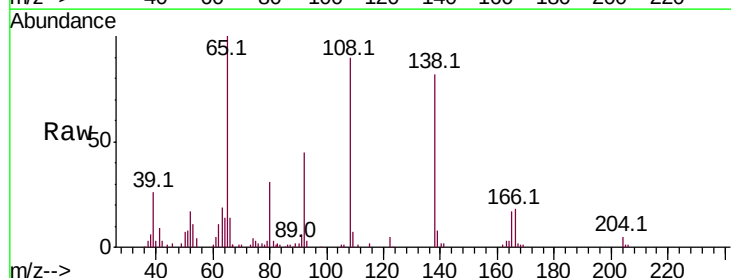


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

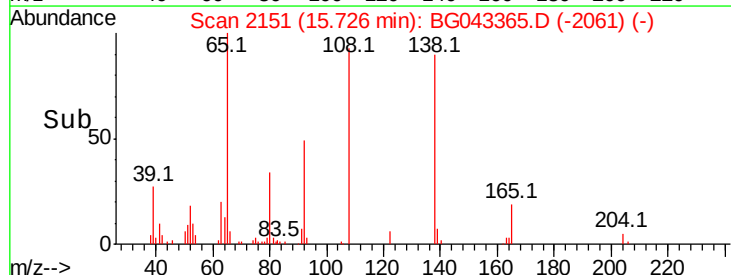
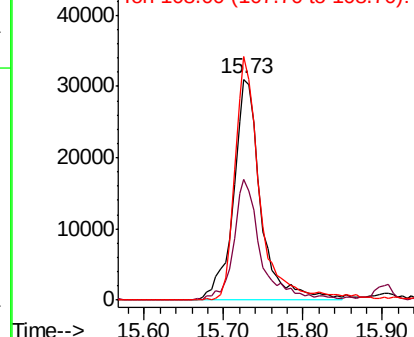


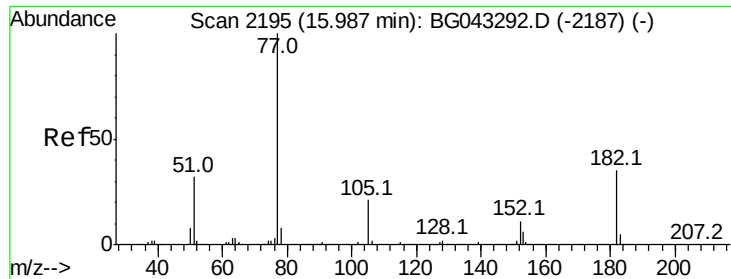
#62
 4-Nitroaniline
 Concen: 39.125 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.4	28.8	68.8
108	110.2	82.7	122.7



Abundance Ion 138.00 (137.70 to 138.70): E
 Ion 92.00 (91.70 to 92.70): BG
 Ion 108.00 (107.70 to 108.70): E

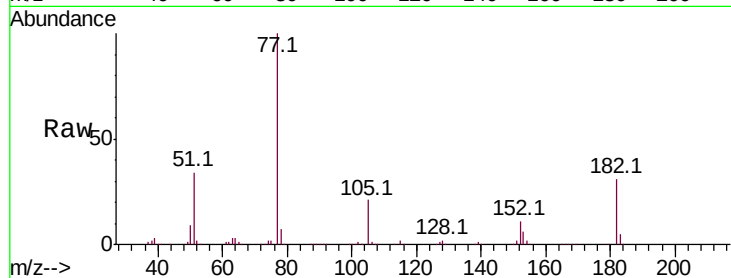




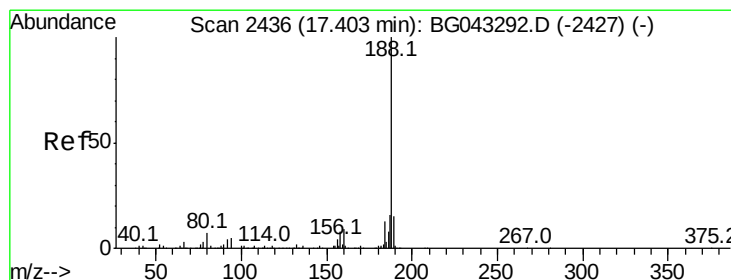
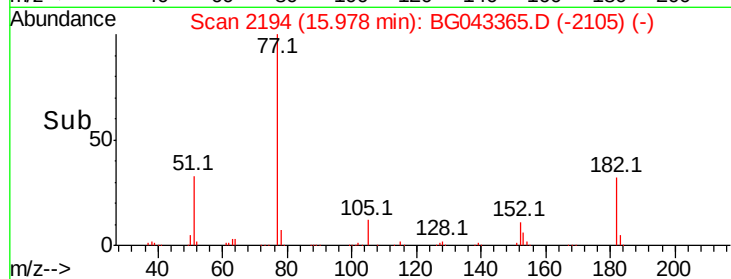
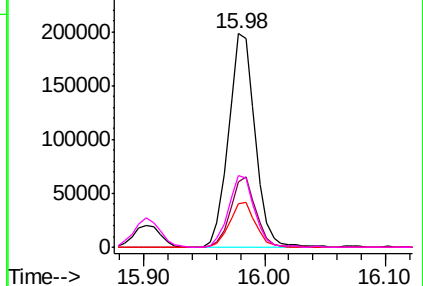
#63
Azobenzene
Concen: 42.328 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	77	Resp:	300335
Ion	Ratio	Lower	Upper
77	100		
182	30.8	14.9	54.9
105	20.5	0.6	40.6
51	33.6	12.5	52.5

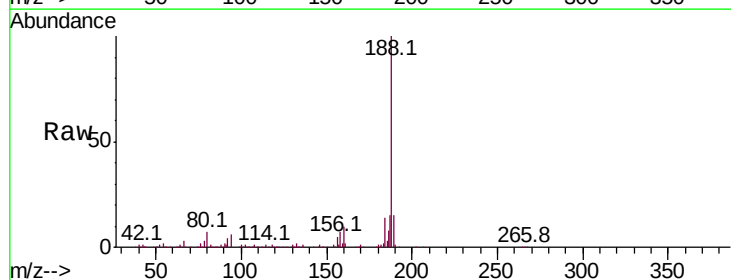


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

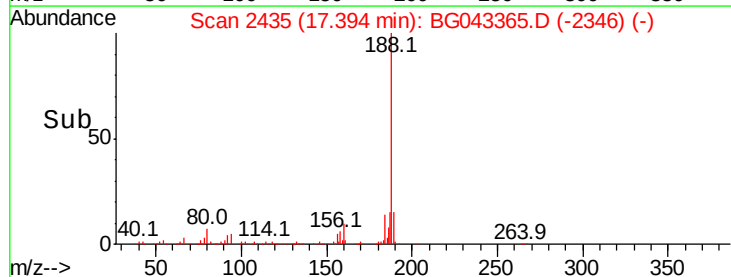
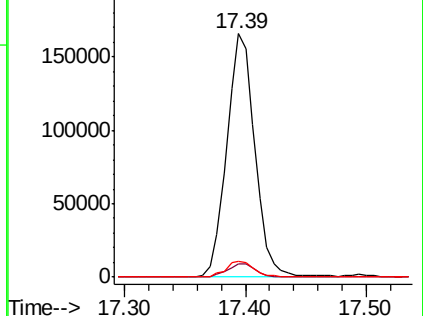


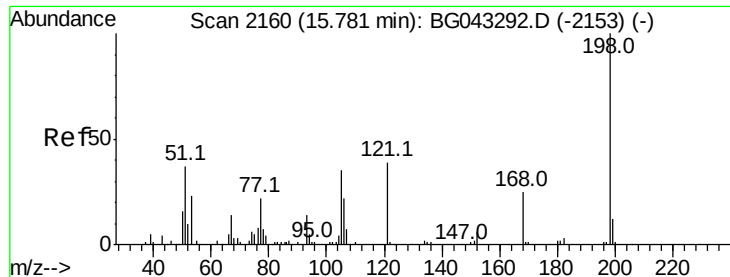
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion:	188	Resp:	268238
Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.2
80	6.7	5.2	7.8



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

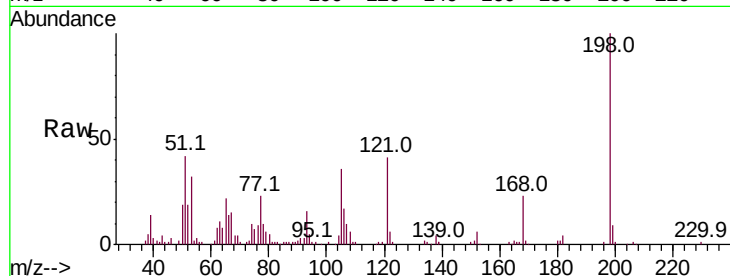




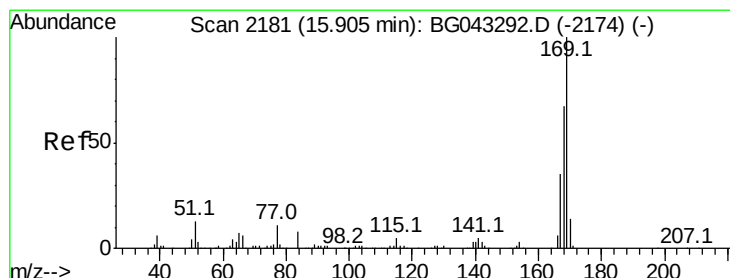
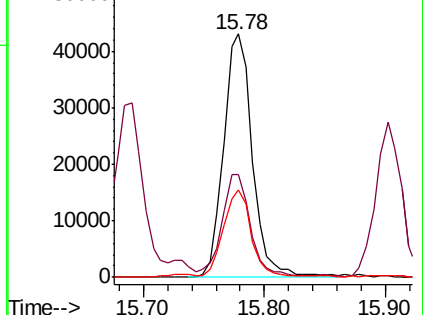
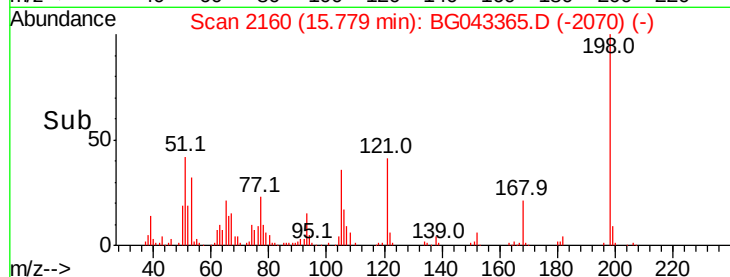
#65
 4,6-Dinitro-2-methylphenol
 Concen: 45.010 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:198 Resp: 71052
 Ion Ratio Lower Upper
 198 100
 51 42.3 21.4 61.4
 105 35.7 16.5 56.5

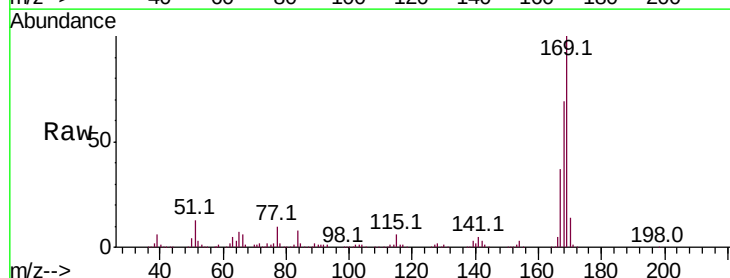


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

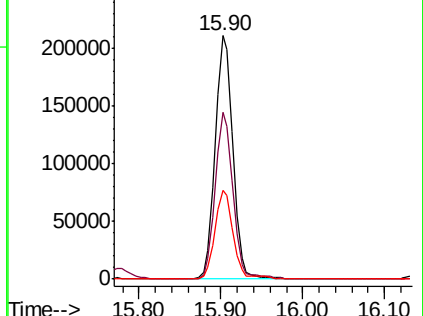
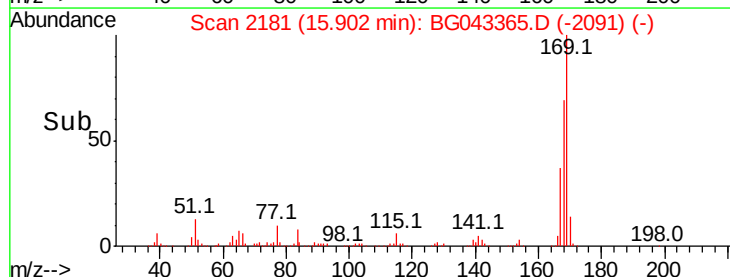


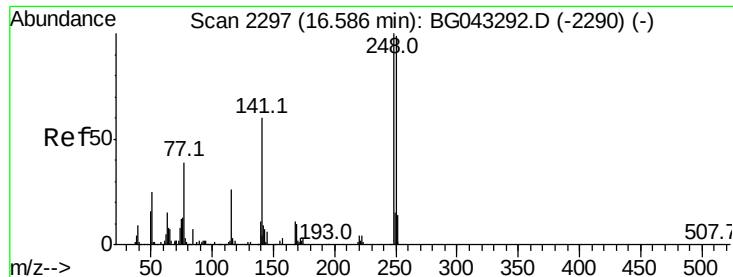
#66
 n-Nitrosodiphenylamine
 Concen: 42.133 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Tgt Ion:169 Resp: 319074
 Ion Ratio Lower Upper
 169 100
 168 68.7 53.9 80.9
 167 36.5 28.3 42.5



Abundance Ion 169.00 (168.70 to 169.70): E
 Ion 168.00 (167.70 to 168.70): E
 Ion 167.00 (166.70 to 167.70): E

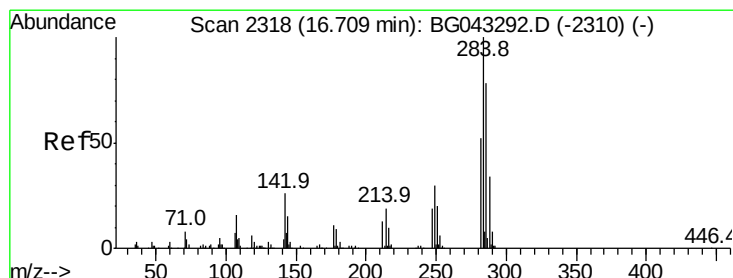
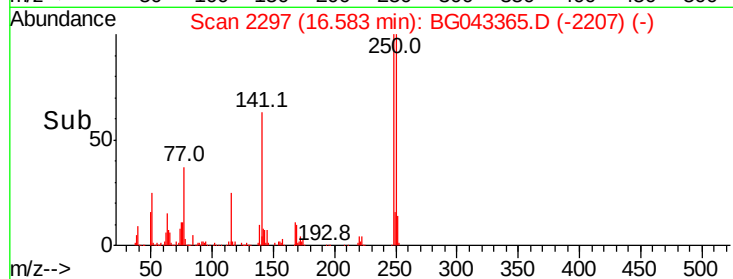
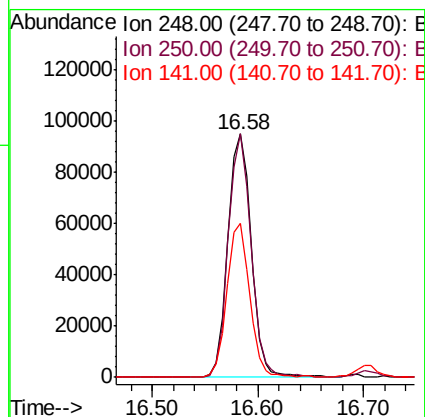
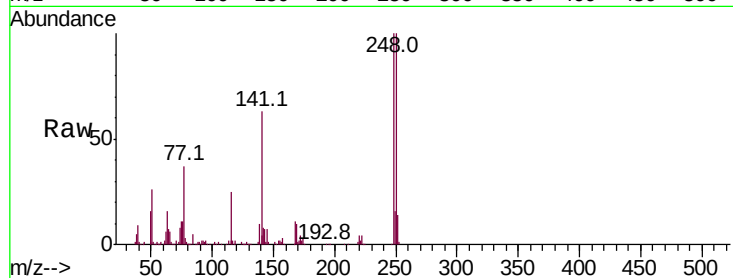




#67
4-Bromophenyl-phenylether
Concen: 40.352 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

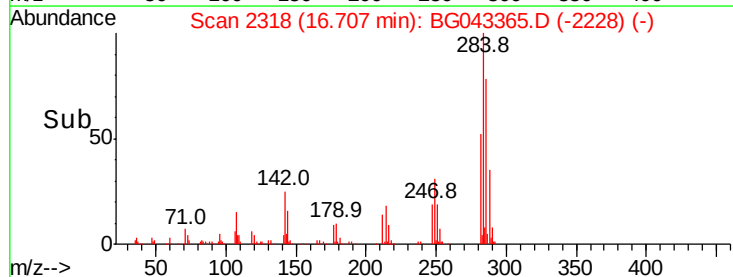
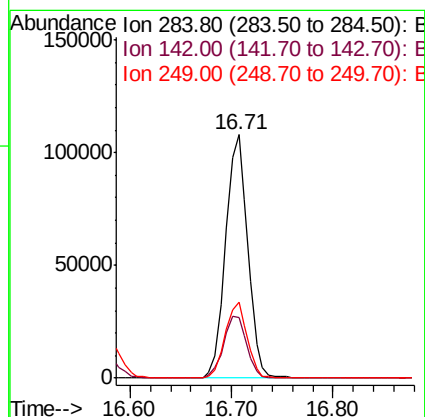
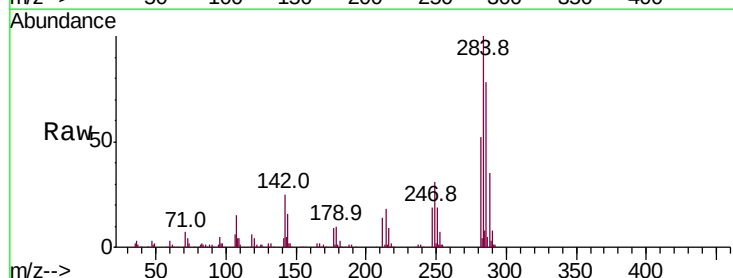
Instrument :
BNA_G
ClientSampled :

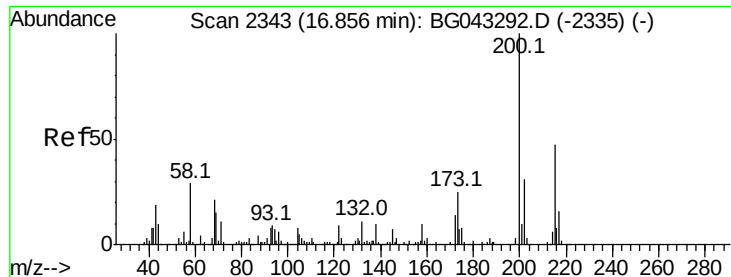
Tot Ion	Ratio	Lower	Upper
248	100		
250	100.1	79.3	118.9
141	63.5	47.9	71.9



#68
Hexachlorobenzene
Concen: 39.548 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.7	21.1	31.7
249	31.1	24.4	36.6





#69

Atrazine

Concen: 52.042 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

ClientSampleId :

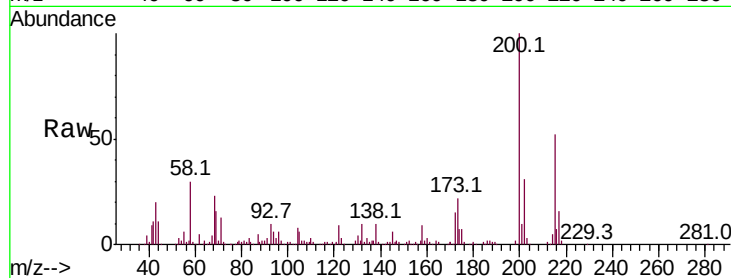
Tot Ion:200 Resp: 136946

Ion Ratio Lower Upper

200 100

173 22.3 5.1 45.1

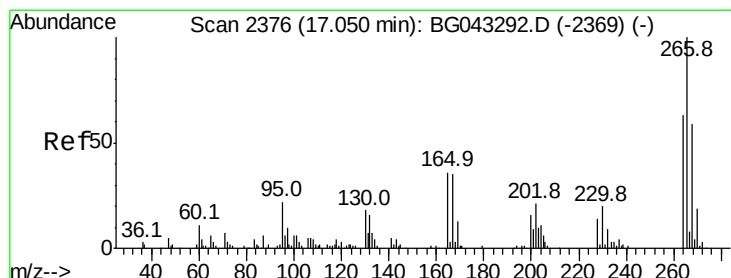
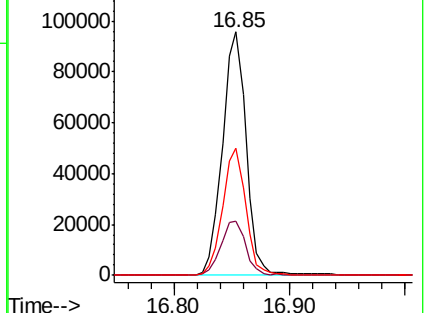
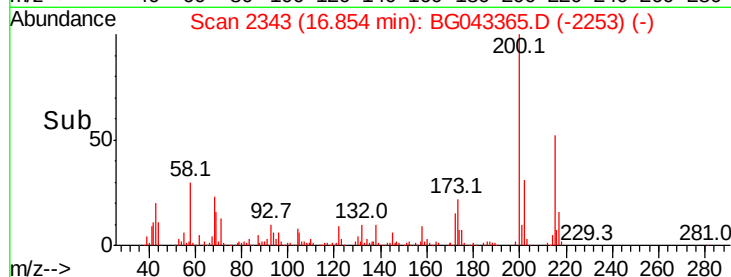
215 52.3 26.6 66.6



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



#70

Pentachlorophenol

Concen: 93.884 ng

RT: 17.05 min Scan# 2377

Delta R.T. 0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

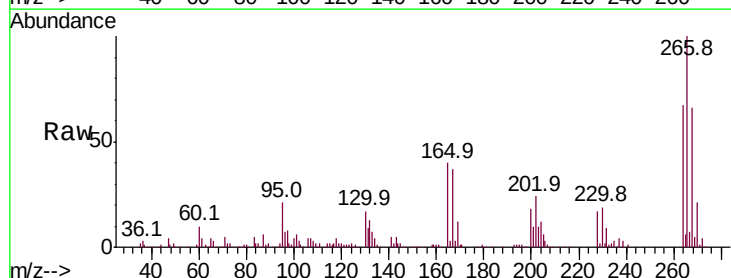
Tgt Ion:266 Resp: 177264

Ion Ratio Lower Upper

266 100

268 66.0 47.1 70.7

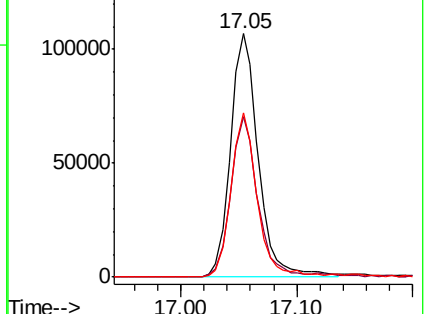
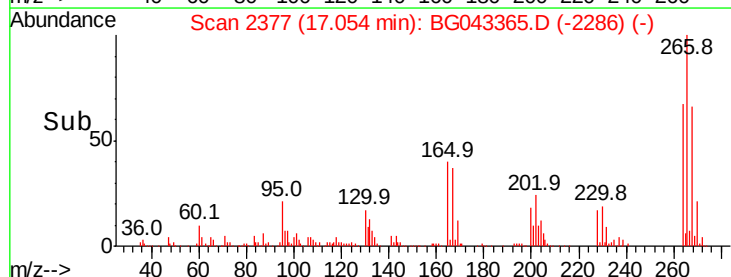
264 67.4 50.4 75.6

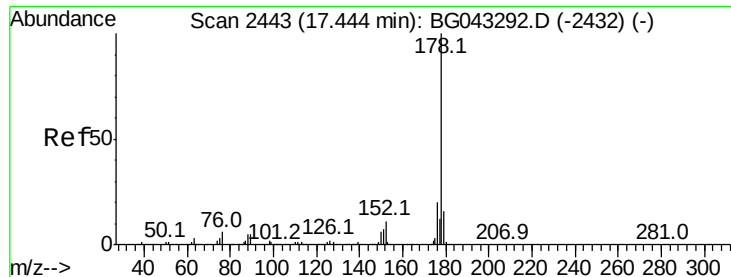


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 45.276 ng

RT: 17.44 min Scan# 2443

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

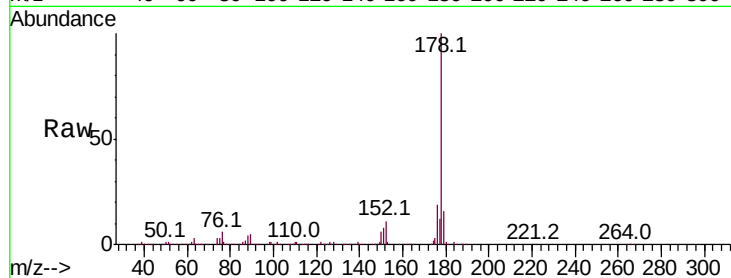
Instrument :

BNA_G

ClientSampleId :

Tot Ion:178 Resp: 621907

Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.7	13.1	19.7

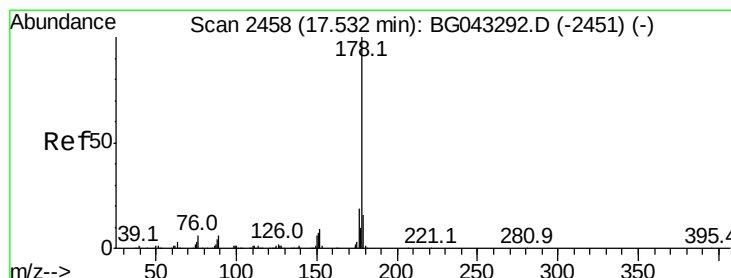
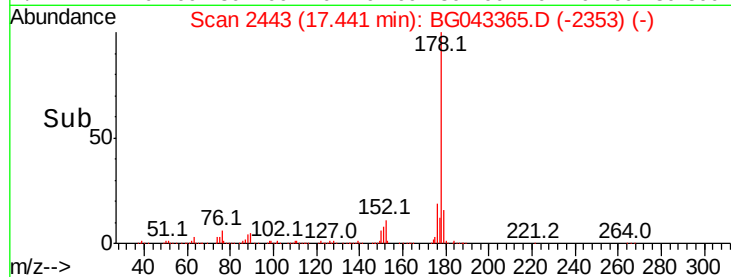
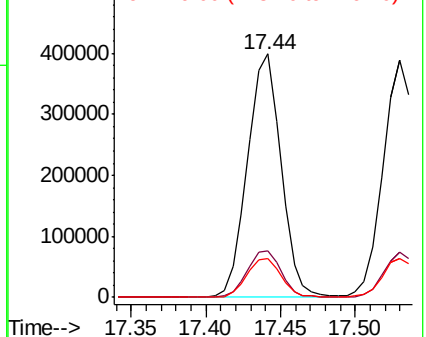


Abundance

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

Anthracene

Concen: 44.081 ng

RT: 17.53 min Scan# 2458

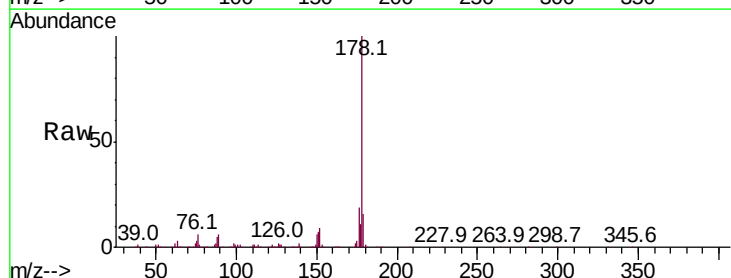
Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Tgt Ion:178 Resp: 605806

Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	16.2	13.0	19.6

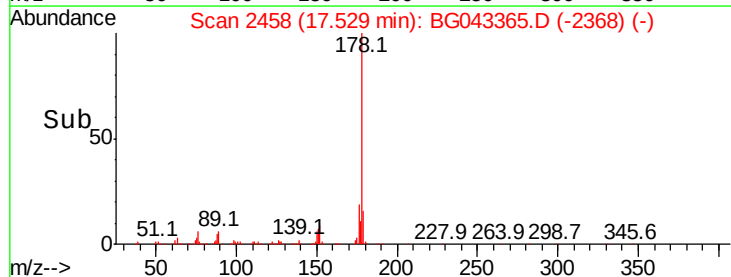
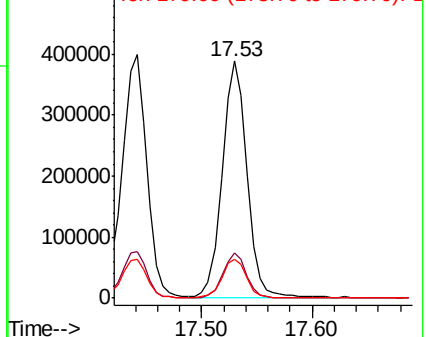


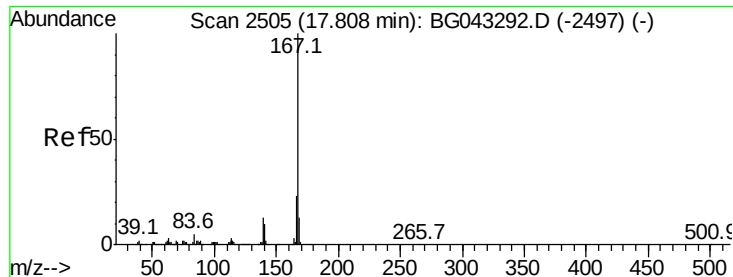
Abundance

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





#73

Carbazole

Concen: 42.846 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

ClientSampleId :

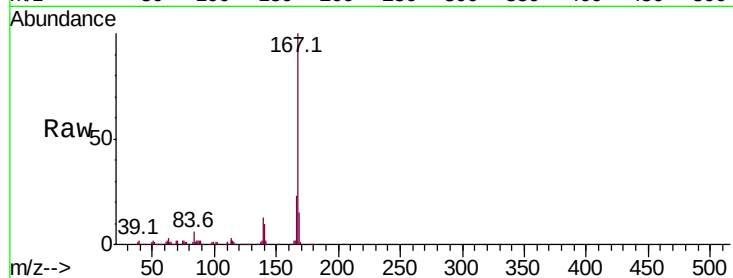
Tot Ion:167 Resp: 533224

Ion Ratio Lower Upper

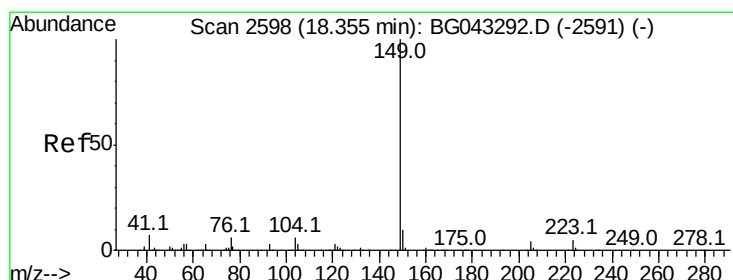
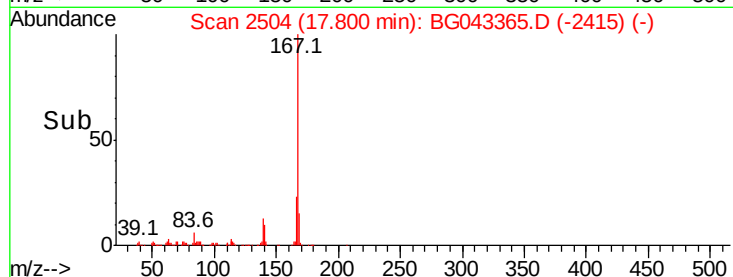
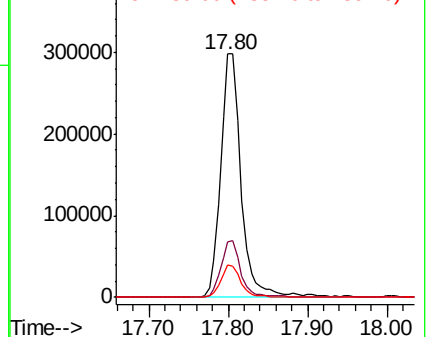
167 100

166 23.0 18.4 27.6

139 13.2 10.2 15.4



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



#74

Di-n-butylphthalate

Concen: 41.820 ng

RT: 18.35 min Scan# 2598

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

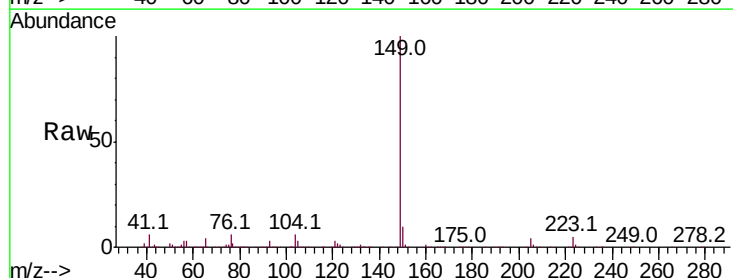
Tgt Ion:149 Resp: 631502

Ion Ratio Lower Upper

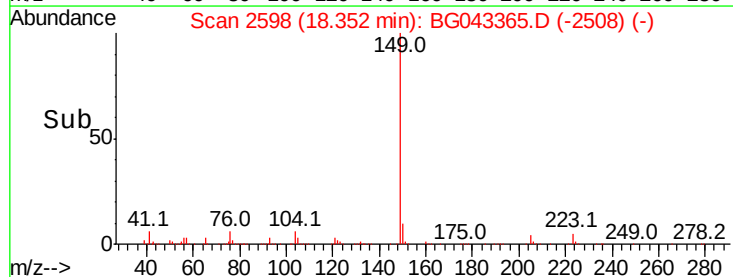
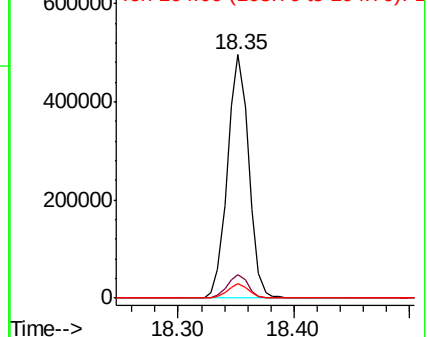
149 100

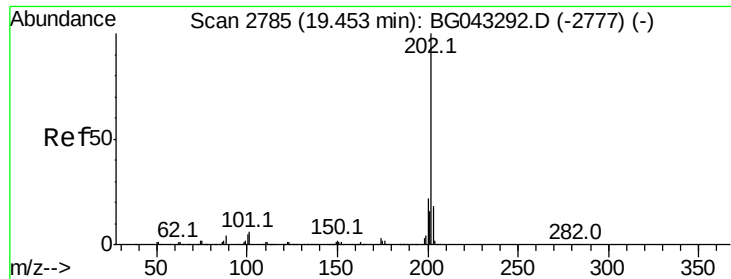
150 9.8 8.0 12.0

104 5.9 4.7 7.1



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





#75

Fluoranthene

Concen: 47.442 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

ClientSampleId :

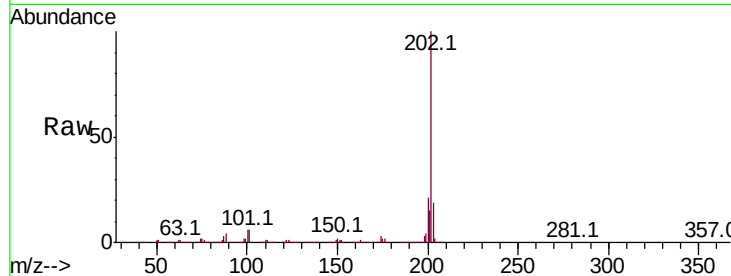
Tot Ion:202 Resp: 849556

Ion Ratio Lower Upper

202 100

101 6.5 0.0 26.0

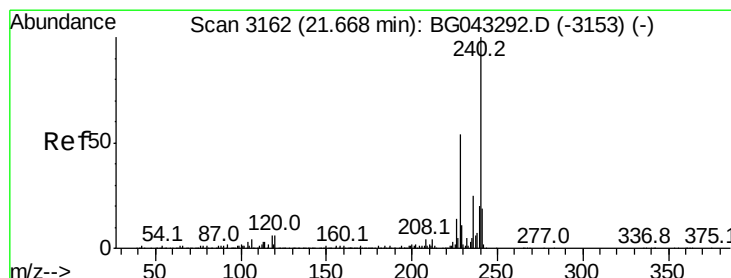
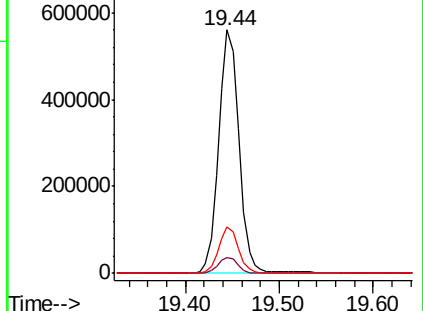
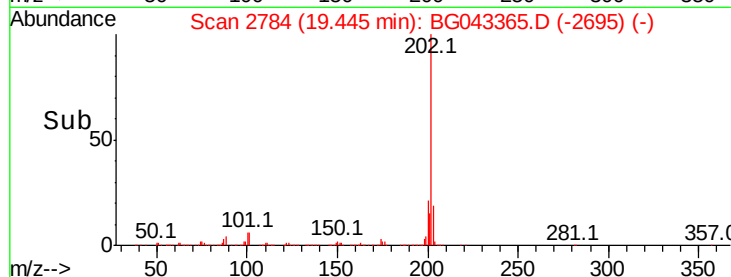
203 19.3 0.0 38.2



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



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

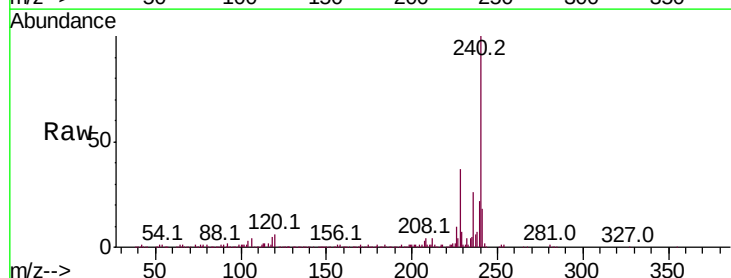
Tgt Ion:240 Resp: 308474

Ion Ratio Lower Upper

240 100

120 5.6 4.6 7.0

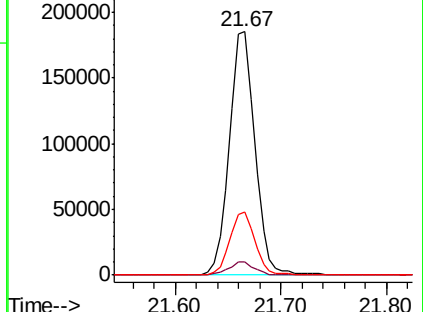
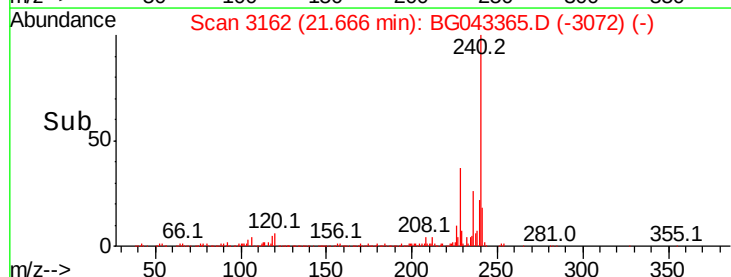
236 26.0 20.2 30.4

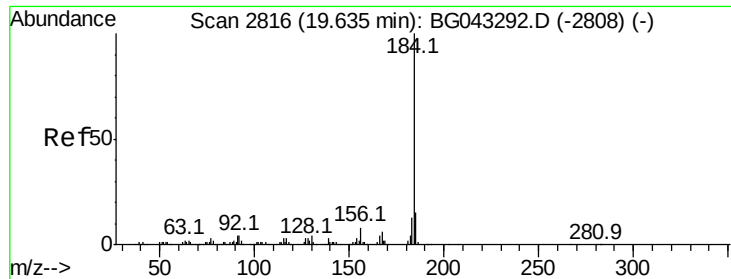


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 56.903 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

ClientSampled :

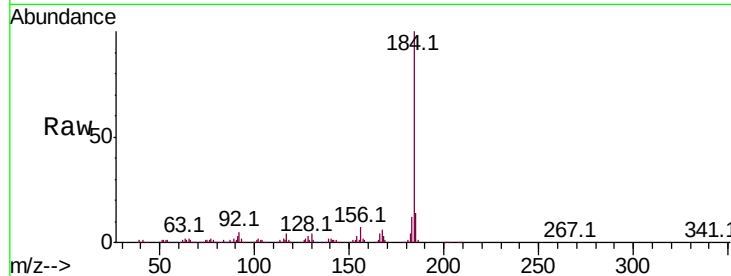
Tot Ion:184 Resp: 353263

Ion Ratio Lower Upper

184 100

185 13.8 11.8 17.6

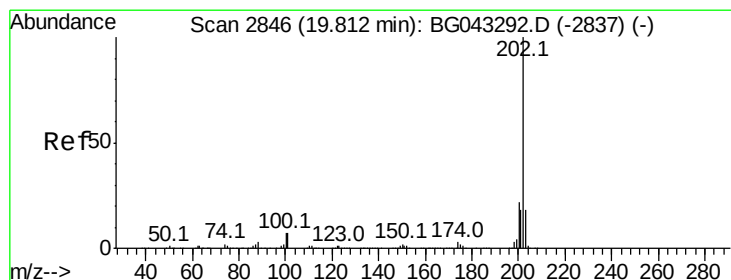
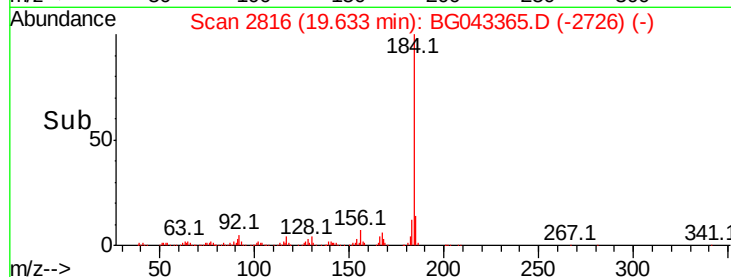
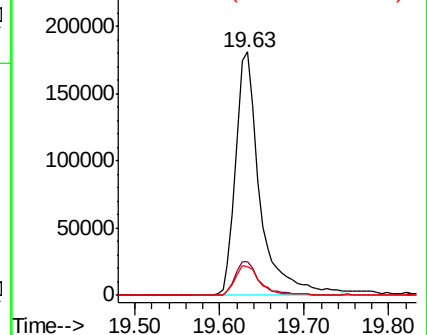
183 11.7 10.6 16.0



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



#78

Pyrene

Concen: 44.101 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

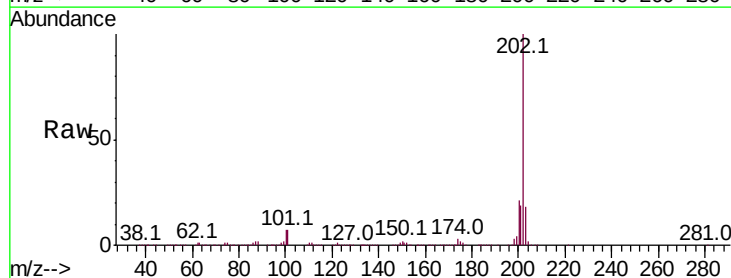
Tgt Ion:202 Resp: 842070

Ion Ratio Lower Upper

202 100

200 21.1 17.3 25.9

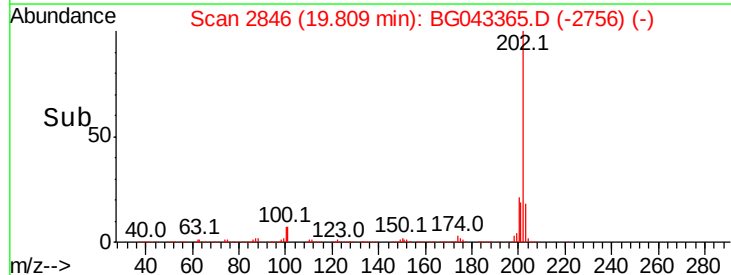
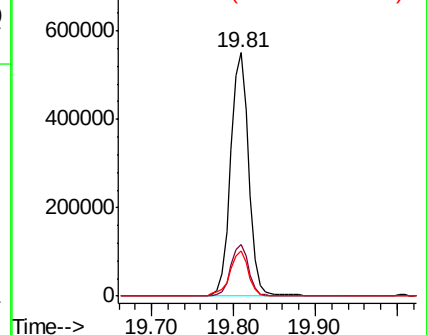
203 18.4 14.5 21.7

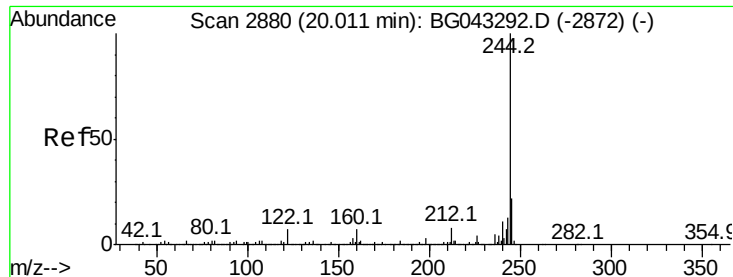


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E

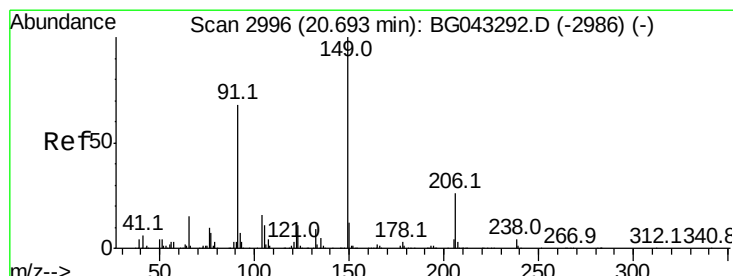
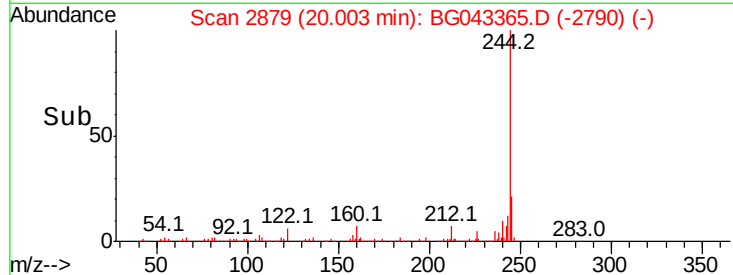
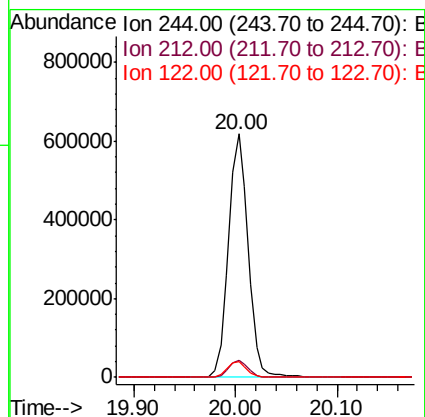
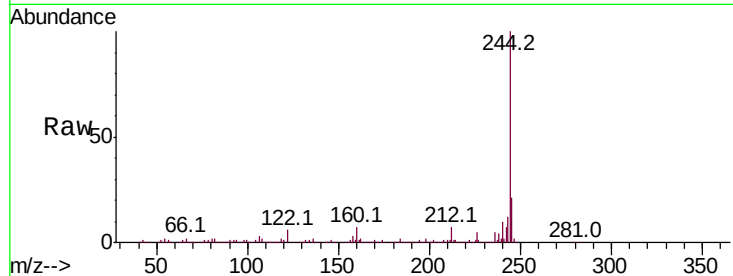




#79
 Terphenyl-d14
 Concen: 50.710 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

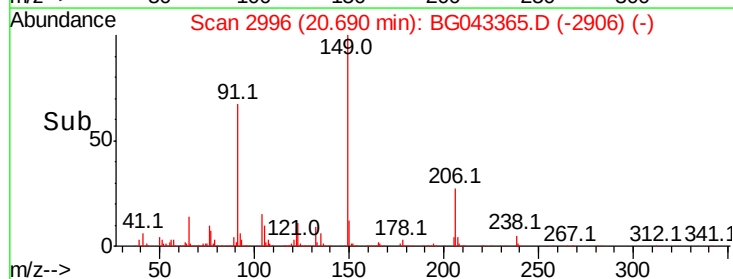
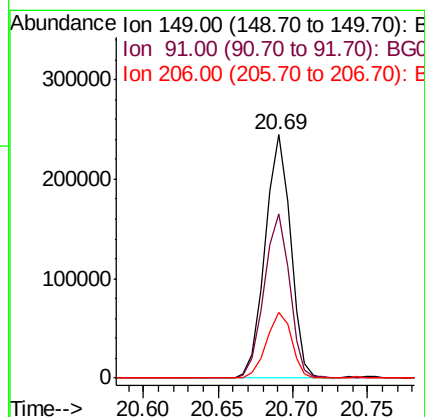
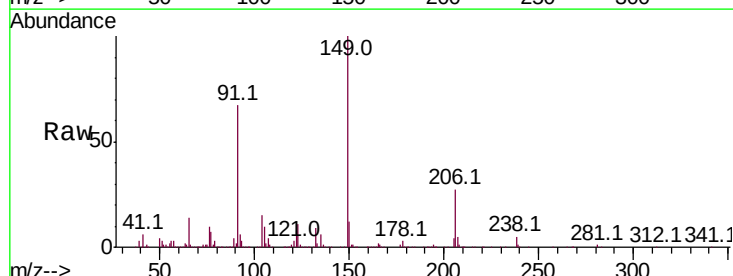
Instrument :
 BNA_G
 ClientSampleId :

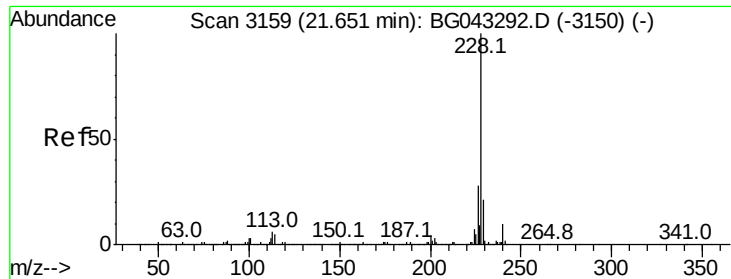
Tot Ion	Ratio	Lower	Upper
244	100		
212	7.0	6.4	9.6
122	6.3	5.3	7.9



#80
 Butylbenzylphthalate
 Concen: 39.656 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
149	100		
91	67.2	54.6	82.0
206	27.1	20.5	30.7

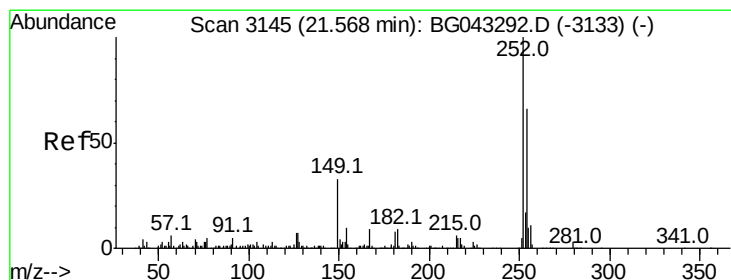
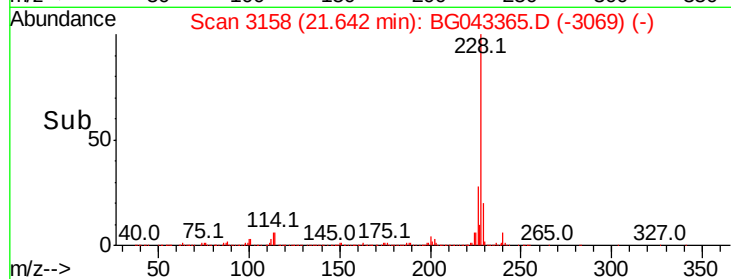
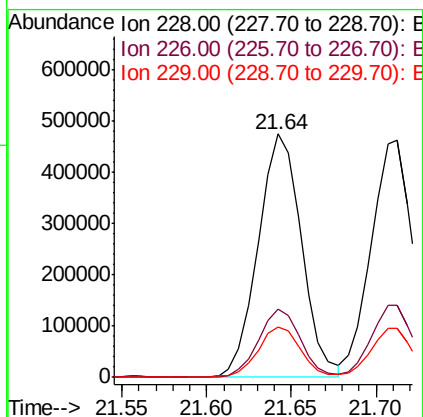
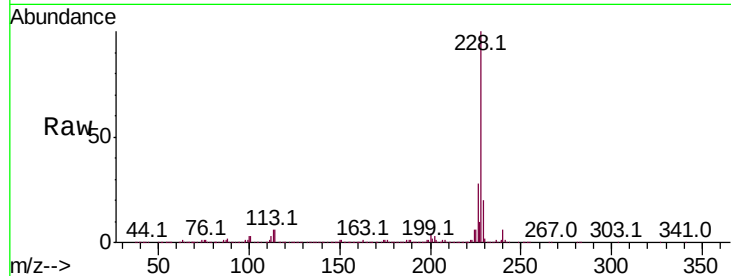




#81
Benzo(a)anthracene
Concen: 43.520 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

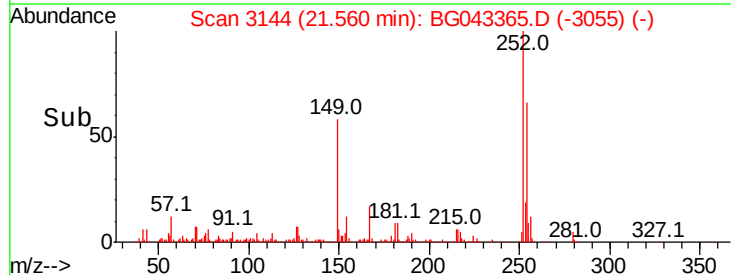
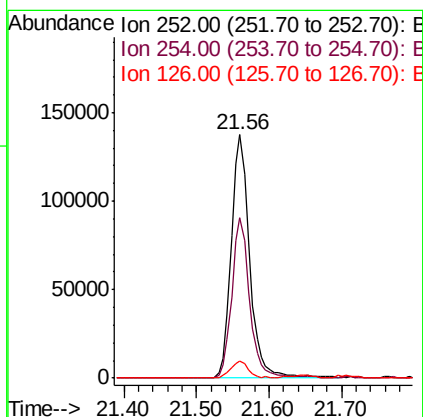
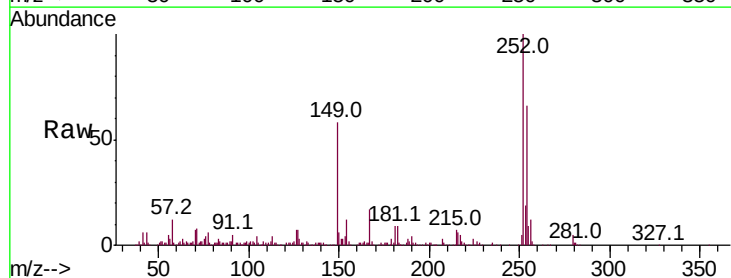
Instrument :
BNA_G
ClientSampleId :

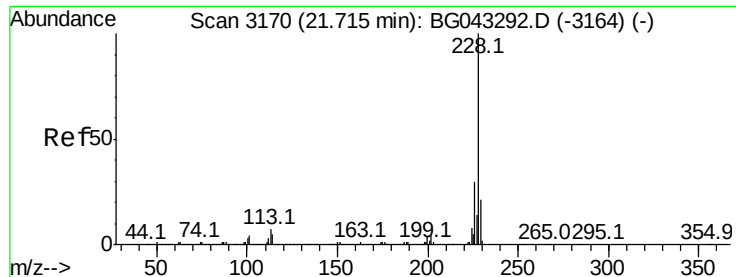
Tot Ion:228 Resp: 840924
Ion Ratio Lower Upper
228 100
226 28.2 22.2 33.4
229 20.5 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 32.641 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion:252 Resp: 243948
Ion Ratio Lower Upper
252 100
254 65.9 52.7 79.1
126 6.9 5.6 8.4





#83

Chrysene

Concen: 41.856 ng

RT: 21.71 min Scan# 3170

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

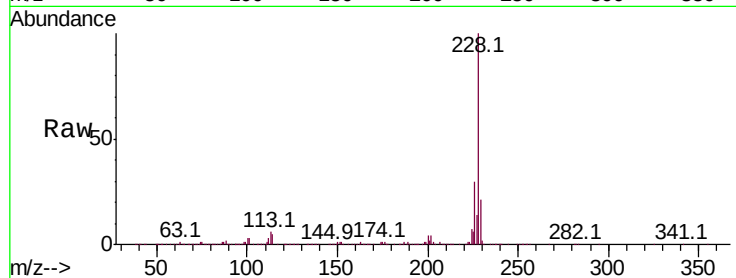
Instrument :

BNA_G

ClientSampleId :

Tot Ion:228 Resp: 803563

Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.8	35.8
229	20.6	16.3	24.5

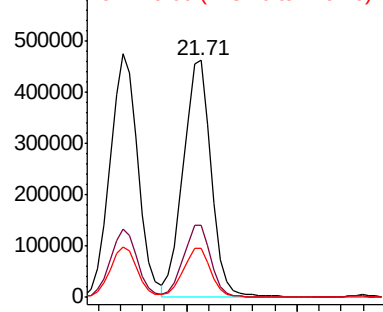


Abundance

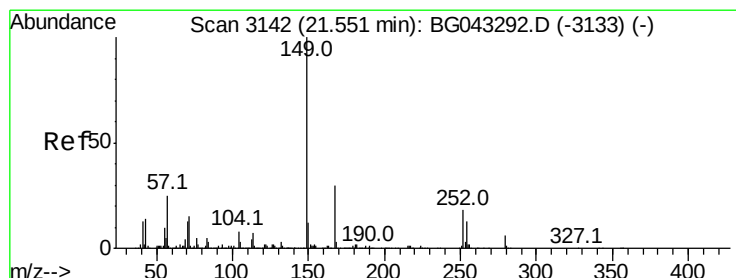
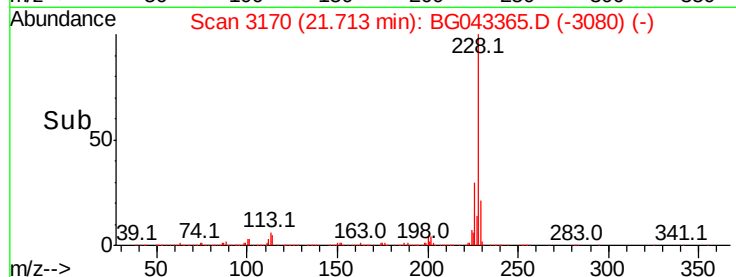
Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



Time-->



#84

Bis(2-ethylhexyl)phthalate

Concen: 41.188 ng

RT: 21.54 min Scan# 3141

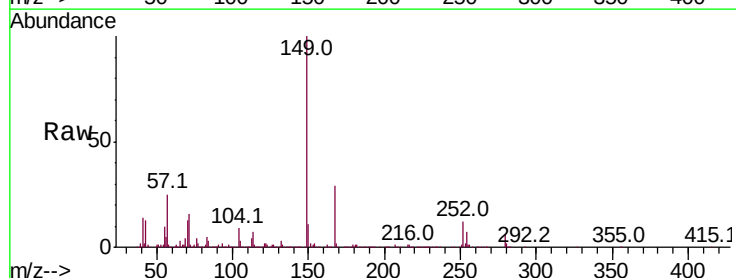
Delta R.T. -0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Tgt Ion:149 Resp: 423245

Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.9	35.9
279	5.9	4.8	7.2

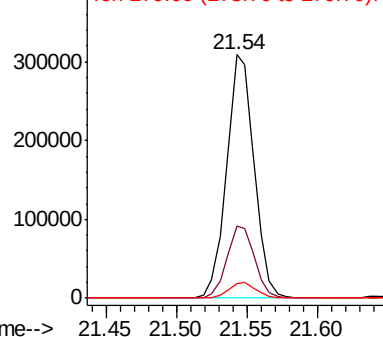


Abundance

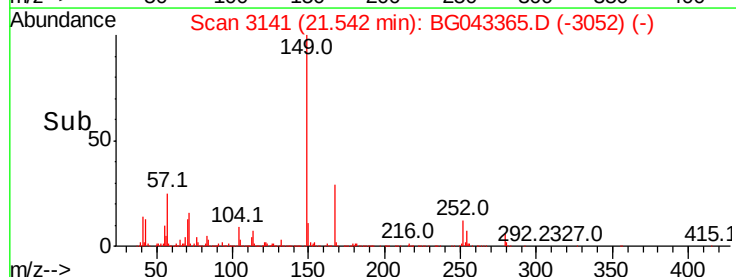
Ion 149.00 (148.70 to 149.70): E

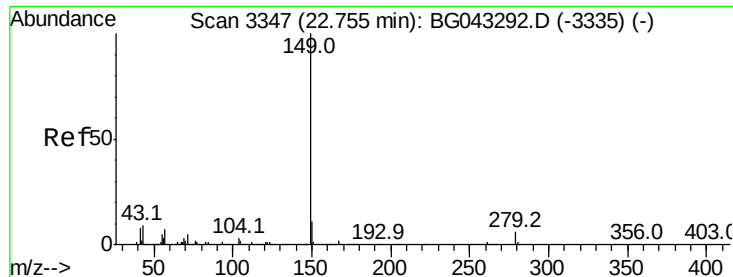
Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E



Time-->





#85

Di-n-octyl phthalate

Concen: 41.462 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043365.D

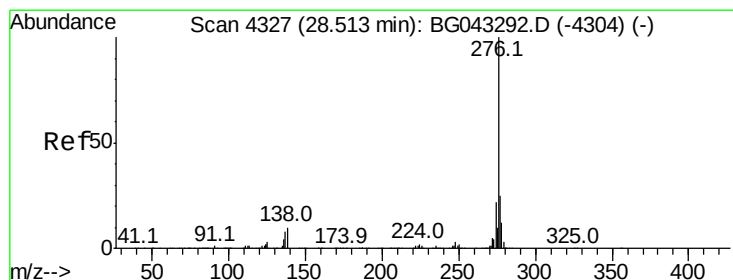
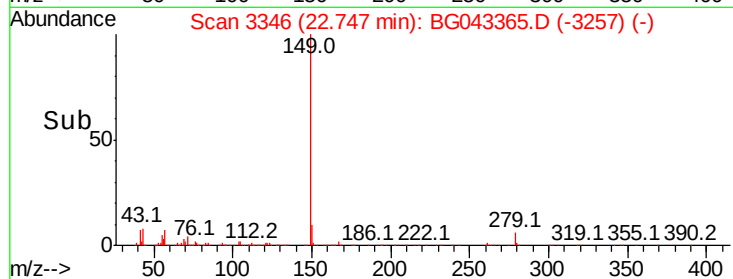
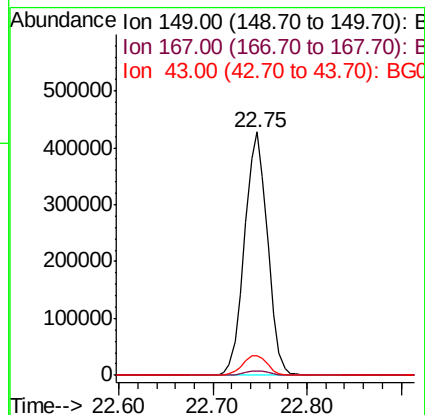
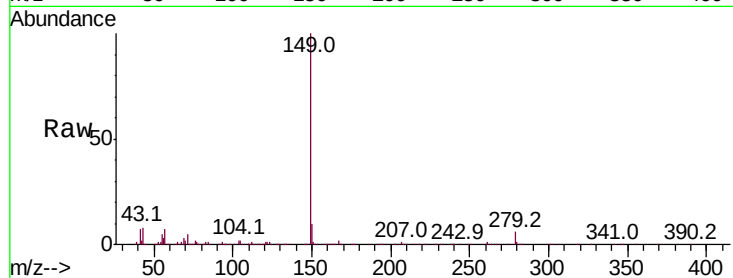
Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

ClientSampled :

Tot Ion:149	Resp:	722857
Ion	Ratio	Lower Upper
149	100	
167	1.8	1.4 2.0
43	8.7	6.9 10.3



#86

Indeno(1,2,3-cd)pyrene

Concen: 43.697 ng

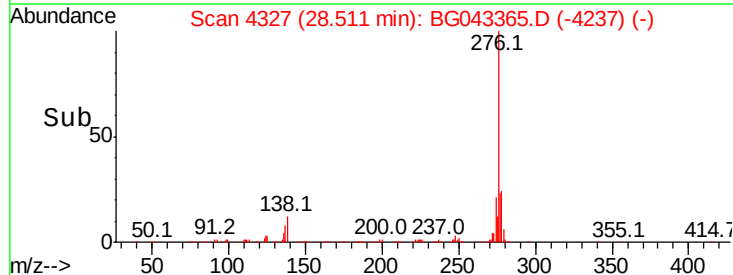
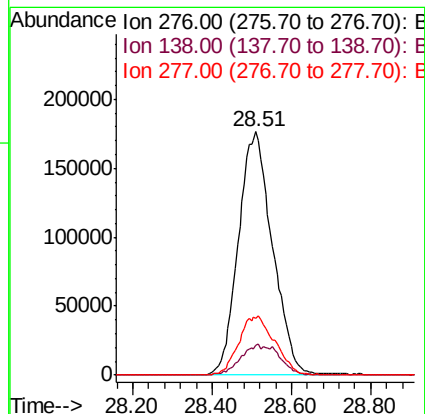
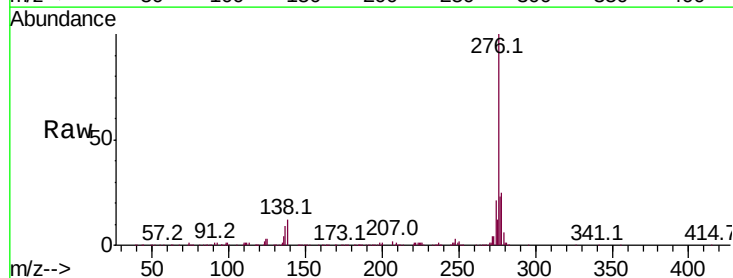
RT: 28.51 min Scan# 4327

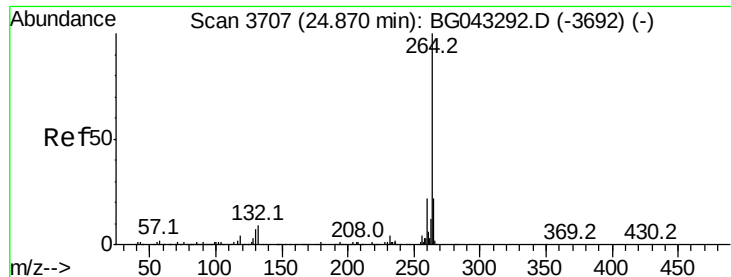
Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Tgt Ion:276	Resp:	1053051
Ion	Ratio	Lower Upper
276	100	
138	14.1	7.2 10.8#
277	25.4	20.9 31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

ClientSampleId :

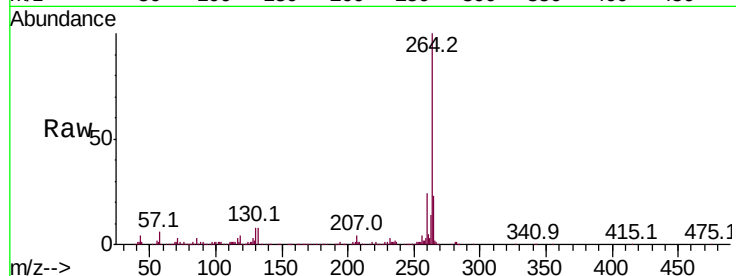
Tot Ion:264 Resp: 362526

Ion Ratio Lower Upper

264 100

260 23.8 17.9 26.9

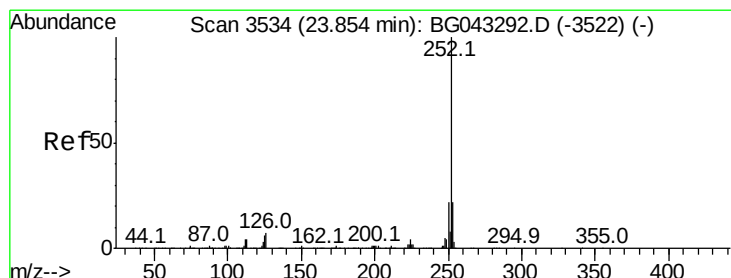
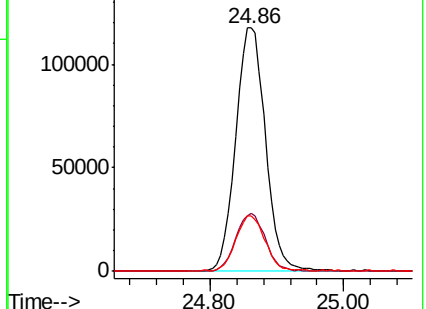
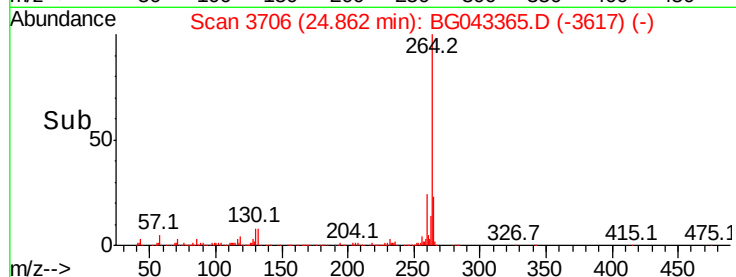
265 22.8 17.4 26.2



Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 44.093 ng

RT: 23.85 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

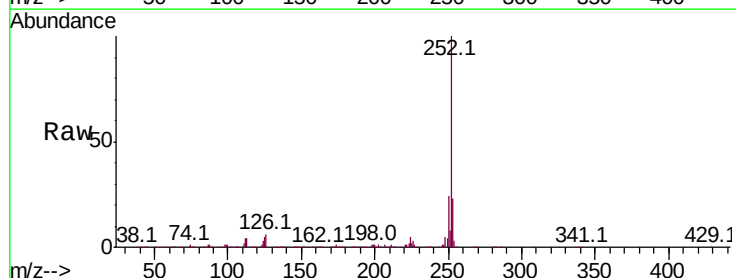
Tgt Ion:252 Resp: 905333

Ion Ratio Lower Upper

252 100

253 23.2 17.4 26.2

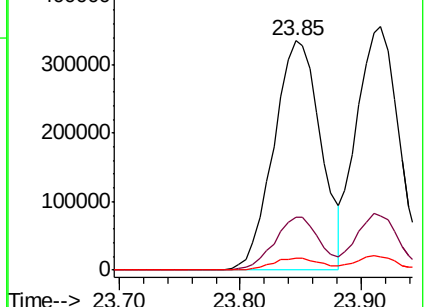
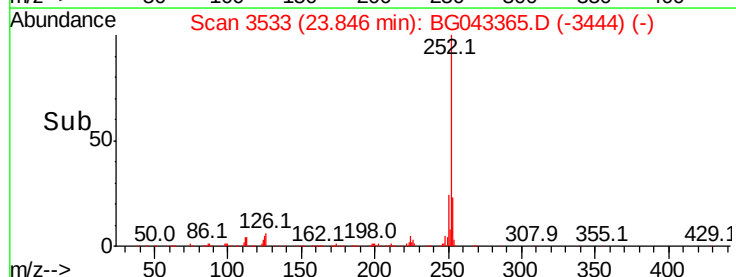
125 5.2 5.0 7.6

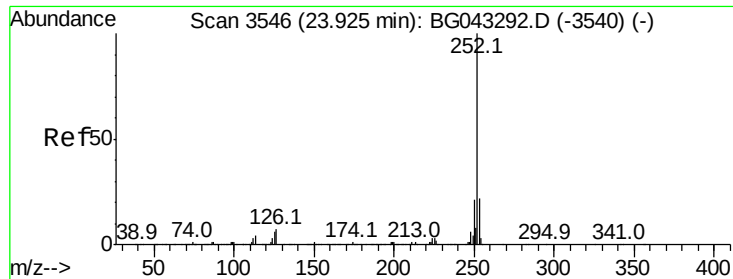


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

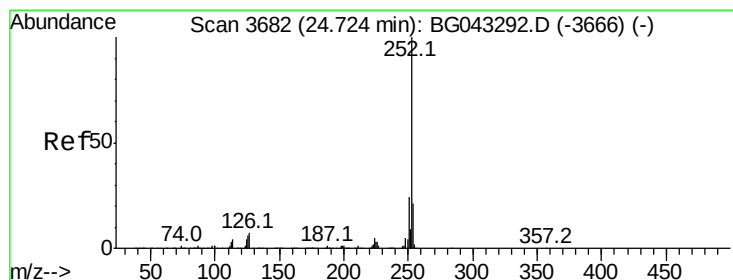
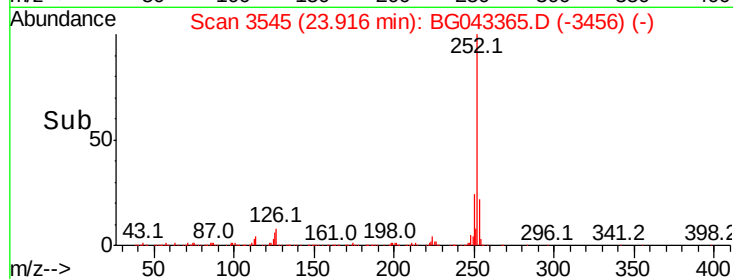
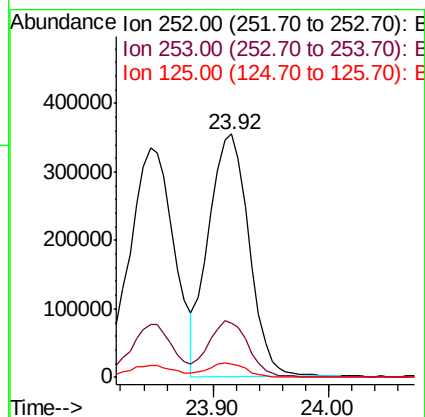
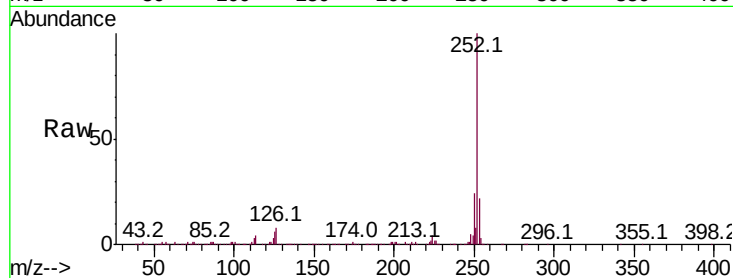




#89
Benzo(k)fluoranthene
Concen: 41.725 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

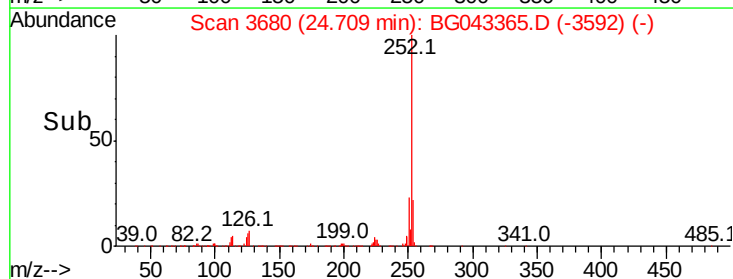
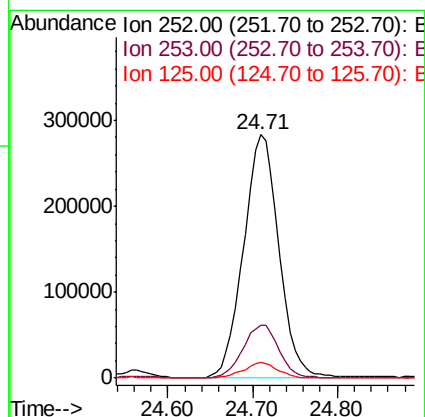
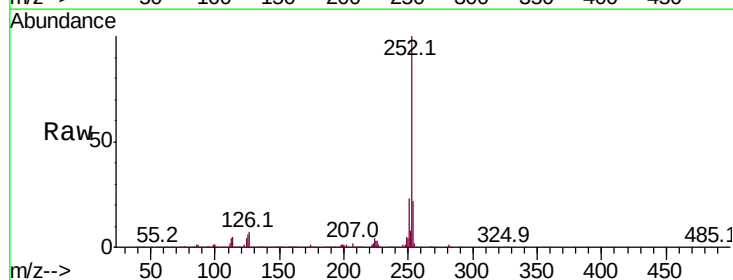
Instrument :
BNA_G
ClientSampled :

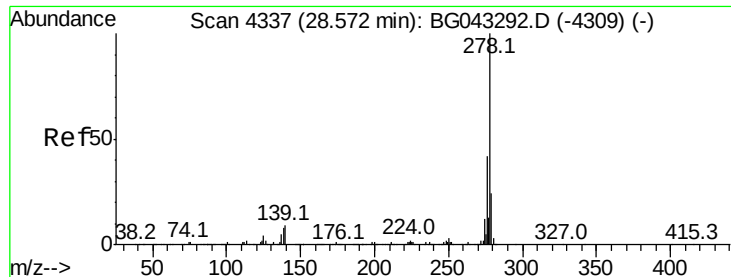
Tot Ion:252 Resp: 862458
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 5.7 4.5 6.7



#90
Benzo(a)pyrene
Concen: 41.944 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion:252 Resp: 822390
Ion Ratio Lower Upper
252 100
253 21.6 17.2 25.8
125 6.3 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 42.875 ng

RT: 28.56 min Scan# 4336

Delta R.T. -0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

ClientSampled :

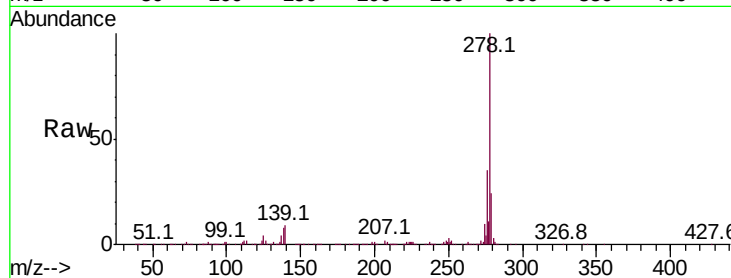
Tot Ion:278 Resp: 859851

Ion	Ratio	Lower	Upper
278	100		
139	9.0	6.8	10.2
279	23.8	19.0	28.6

278 100

139 9.0 6.8 10.2

279 23.8 19.0 28.6

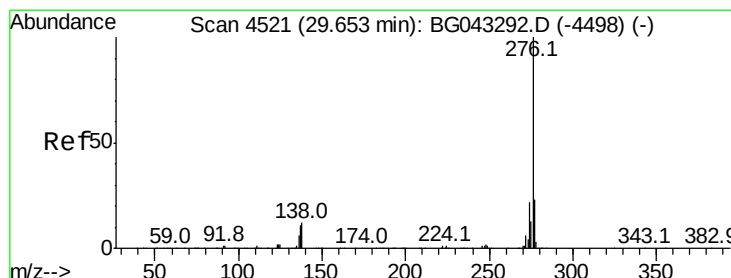
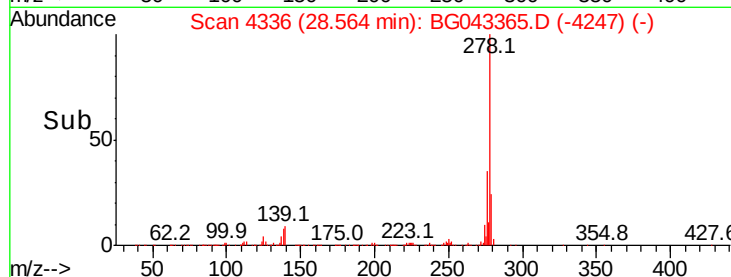
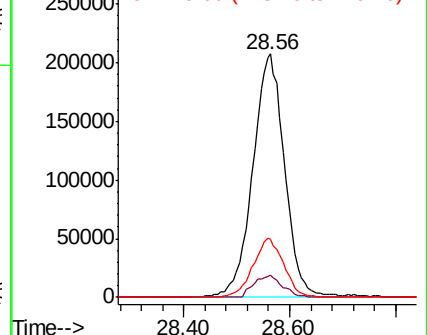


Abundance

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



#92

Benzo(g,h,i)perylene

Concen: 44.400 ng

RT: 29.65 min Scan# 4521

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

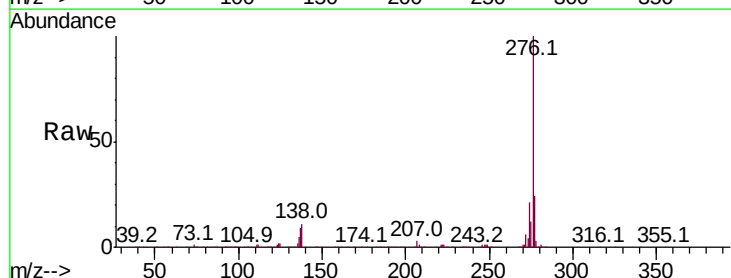
Tgt Ion:276 Resp: 878325

Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.3	27.5
138	11.0	9.3	13.9

276 100

277 24.4 18.3 27.5

138 11.0 9.3 13.9



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

