

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110419\
 Data File : BG043489.D
 Acq On : 4 Nov 2019 20:24
 Operator : JU
 Sample : K5658-03MS
 Misc :
 ALS Vial : 11 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMS

Quant Time: Nov 05 00:57:05 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	30018	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	121026	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	89590	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	234280	20.00	ng	0.00
76) Chrysene-d12	21.65	240	277408	20.00	ng	0.00
87) Perylene-d12	24.85	264	341782	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	197260	120.42	ng	0.00
7) Phenol-d6	7.19	99	283761	120.40	ng	0.00
23) Nitrobenzene-d5	9.17	82	169495	72.20	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	192100	112.68	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	475921	73.40	ng	0.00
79) Terphenyl-d14	20.00	244	1113510	75.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	21358	33.457	ng	96
3) Pyridine	3.87	79	55540	34.490	ng	97
4) n-Nitrosodimethylamine	3.78	42	33155	40.802	ng	# 95
6) Aniline	7.34	93	55534	20.454	ng	98
8) 2-Chlorophenol	7.58	128	76499	42.304	ng	99
9) Benzaldehyde	7.15	77	38521	33.257	ng	95
10) Phenol	7.22	94	105687	49.072	ng	93
11) bis(2-Chloroethyl)ether	7.43	93	63324	38.029	ng	95
12) 1,3-Dichlorobenzene	7.90	146	86735	38.282	ng	97
13) 1,4-Dichlorobenzene	8.05	146	86174	37.593	ng	97
14) 1,2-Dichlorobenzene	8.36	146	82334	36.786	ng	99
15) Benzyl Alcohol	8.25	79	67368	40.700	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.53	45	81290	33.574	ng	98
17) 2-Methylphenol	8.47	107	67895	43.244	ng	96
18) Hexachloroethane	9.09	117	29776	36.003	ng	93
19) n-Nitroso-di-n-propylamine	8.81	70	56391	37.027	ng	97
20) 3+4-Methylphenols	8.80	107	87884	40.820	ng	94
22) Acetophenone	8.83	105	113302	36.557	ng	# 95
24) Nitrobenzene	9.22	77	85178	38.089	ng	# 98
25) Isophorone	9.73	82	161595	37.651	ng	99
26) 2-Nitrophenol	9.93	139	44601	41.311	ng	93
27) 2,4-Dimethylphenol	10.00	122	72024	46.545	ng	96
28) bis(2-Chloroethoxy)methane	10.21	93	85980	36.297	ng	96
29) 2,4-Dichlorophenol	10.48	162	81421	41.066	ng	94
30) 1,2,4-Trichlorobenzene	10.68	180	90534	36.230	ng	97
31) Naphthalene	10.87	128	238758	38.865	ng	99
32) Benzoic acid	10.15	122	38528	35.510	ng	91
33) 4-Chloroaniline	10.99	127	28197	11.197	ng	97
34) Hexachlorobutadiene	11.15	225	62516	33.843	ng	96
35) Caprolactam	11.74	113	14711	21.544	ng	92
36) 4-Chloro-3-methylphenol	12.11	107	92691	42.859	ng	98
37) 2-Methylnaphthalene	12.47	142	187674	39.816	ng	98
38) 1-Methylnaphthalene	12.69	142	180538	40.255	ng	96
40) 1,2,4,5-Tetrachlorobenzene	12.84	216	117600	35.469	ng	98

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	96230	55.251	nq	95
43) 2,4,6-Trichlorophenol	13.08	196	79010	40.464	nq	98
44) 2,4,5-Trichlorophenol	13.16	196	82326	41.705	nq	96
46) 1,1'-Biphenyl	13.48	154	251860	36.954	nq	95
47) 2-Chloronaphthalene	13.52	162	193395	37.294	nq	99
48) 2-Nitroaniline	13.73	65	58950	38.035	nq	93
49) Acenaphthylene	14.36	152	329341	40.806	nq	99
50) Dimethylphthalate	14.09	163	328282	47.307	nq	96
51) 2,6-Dinitrotoluene	14.22	165	60960	40.436	nq	91
52) Acenaphthene	14.70	154	192325	39.076	nq	93
53) 3-Nitroaniline	14.56	138	26532	18.229	nq	# 99
54) 2,4-Dinitrophenol	14.76	184	63625	68.716	nq	95
55) Dibenzofuran	15.04	168	316593	39.665	nq	97
56) 4-Nitrophenol	14.89	139	95651	98.064	nq	94
57) 2,4-Dinitrotoluene	15.00	165	90735	42.115	nq	# 93
58) Fluorene	15.69	166	268911	40.170	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.27	232	85591	40.810	nq	94
60) Diethylphthalate	15.46	149	273921	39.285	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	148929	38.135	nq	97
62) 4-Nitroaniline	15.71	138	59126	39.334	nq	91
63) Azobenzene	15.97	77	225765	40.008	nq	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	54030	39.188	nq	97
66) n-Nitrosodiphenylamine	15.90	169	247213	37.375	nq	98
67) 4-Bromophenyl-phenylether	16.57	248	111038	35.218	nq	95
68) Hexachlorobenzene	16.70	284	124750	34.470	nq	94
69) Atrazine	16.84	200	112249	48.839	nq	94
70) Pentachlorophenol	17.05	266	133754	81.108	nq	99
71) Phenanthrene	17.43	178	459060	38.265	nq	99
72) Anthracene	17.52	178	471464	39.279	nq	97
73) Carbazole	17.79	167	446949	41.119	nq	98
74) Di-n-butylphthalate	18.35	149	517236	39.218	nq	98
75) Fluoranthene	19.44	202	638004	40.792	nq	98
77) Benzidine	19.62	184	284929	51.036	nq	100
78) Pyrene	19.80	202	654595	38.122	nq	99
80) Butylbenzylphthalate	20.68	149	249332	38.326	nq	98
81) Benzo(a)anthracene	21.64	228	699503	40.255	nq	100
82) 3,3'-Dichlorobenzidine	21.55	252	135640	20.182	nq	98
83) Chrysene	21.70	228	673683	39.020	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	363624	39.348	nq	100
85) Di-n-octyl phthalate	22.74	149	641632	40.925	nq	98
86) Indeno(1,2,3-cd)pyrene	28.50	276	911585	42.063	nq	# 99
88) Benzo(b)fluoranthene	23.84	252	733531	37.894	nq	100
89) Benzo(k)fluoranthene	23.90	252	765733	39.294	nq	98
90) Benzo(a)pyrene	24.70	252	694251	37.558	nq	97
91) Dibenzo(a,h)anthracene	28.55	278	769823	40.715	nq	99
92) Benzo(g,h,i)perylene	29.63	276	763376	40.931	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.01 min Scan# 837

Delta R.T. -0.00 min

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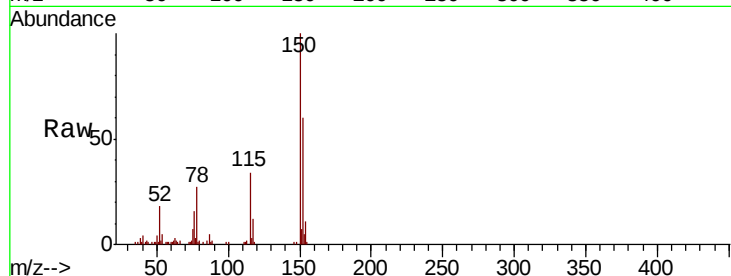
Tot Ion:152 Resp: 30018

Ion Ratio Lower Upper

152 100

150 165.8 129.4 194.0

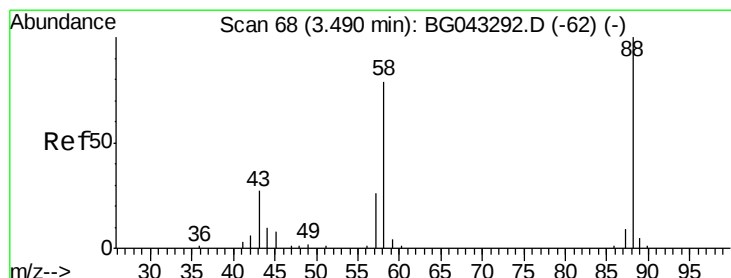
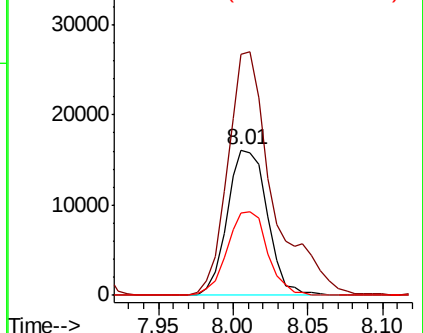
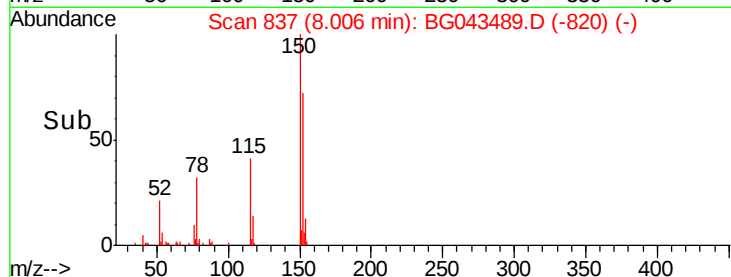
115 56.8 48.8 73.2



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane

Concen: 33.457 ng

RT: 3.47 min Scan# 65

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

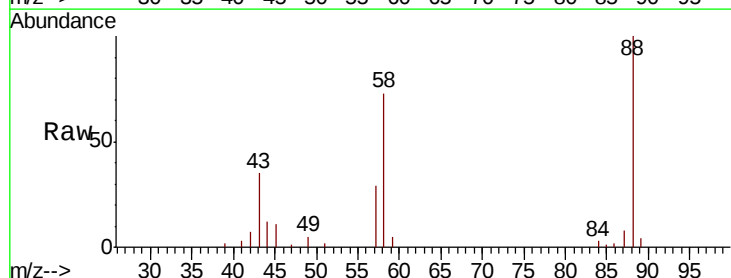
Tgt Ion: 88 Resp: 21358

Ion Ratio Lower Upper

88 100

58 79.6 62.7 94.1

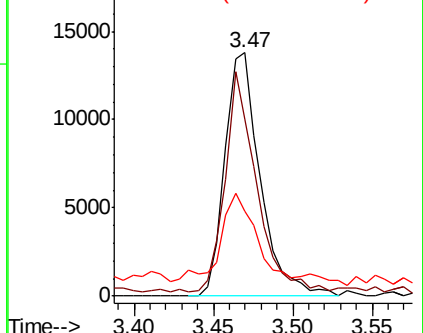
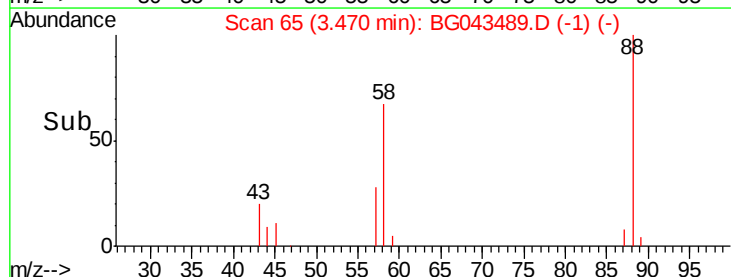
43 35.4 23.7 35.5



Abundance Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 34.490 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

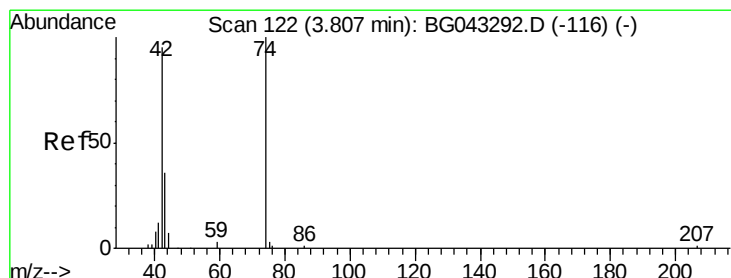
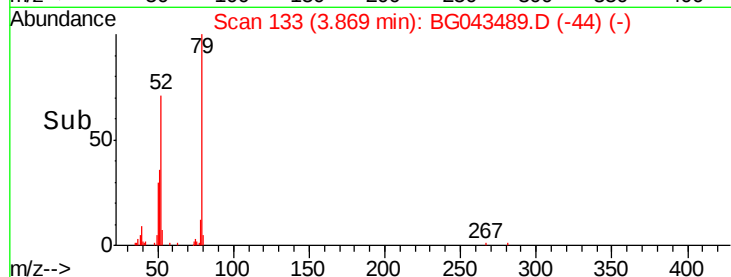
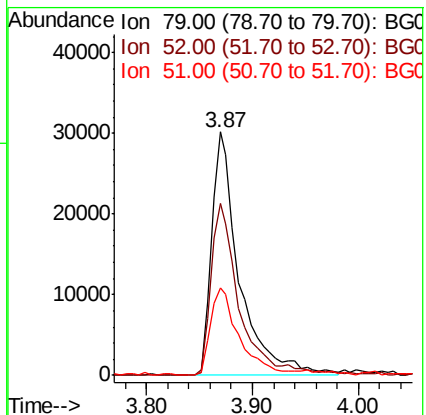
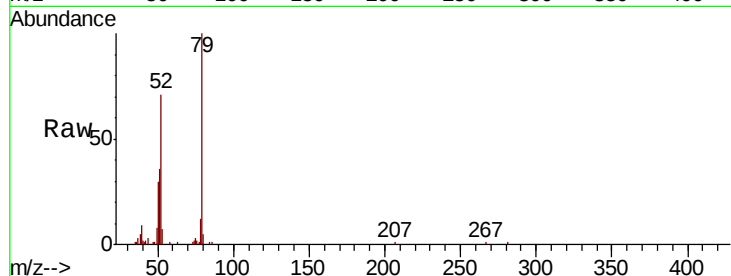
Tot Ion: 79 Resp: 55540

Ion Ratio Lower Upper

79 100

52 70.8 56.5 84.7

51 36.1 33.2 49.8



#4

n-Nitrosodimethylamine

Concen: 40.802 ng

RT: 3.78 min Scan# 118

Delta R.T. -0.01 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

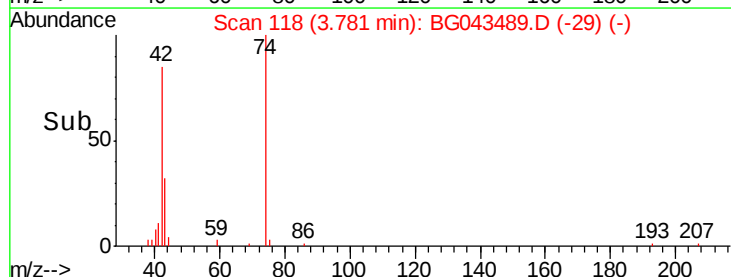
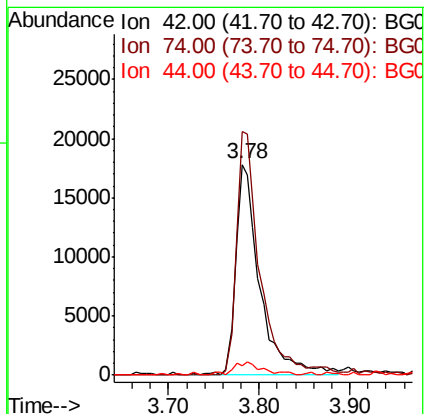
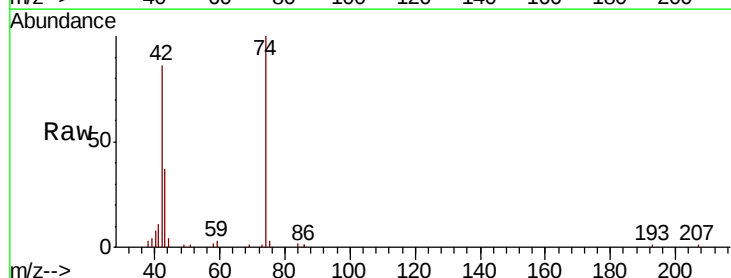
Tgt Ion: 42 Resp: 33155

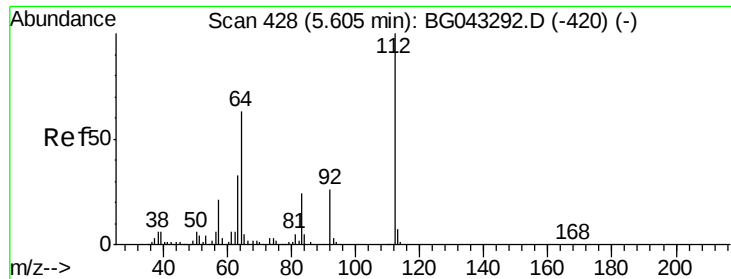
Ion Ratio Lower Upper

42 100

74 115.7 97.3 145.9

44 4.3 4.4 6.6#





#5

2-Fluorophenol

Concen: 120.417 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

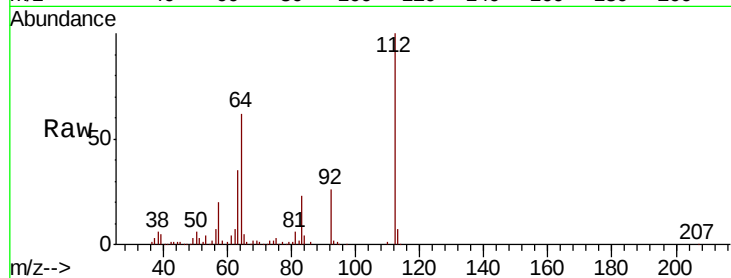
Tot Ion:112 Resp: 197260

Ion Ratio Lower Upper

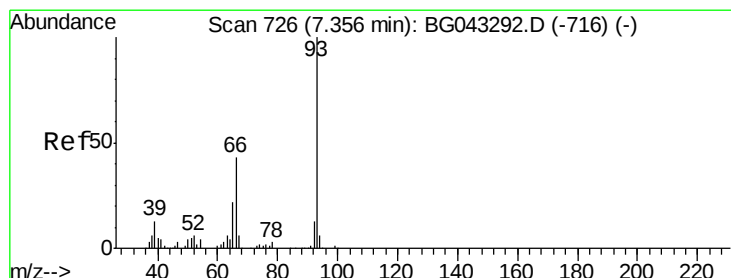
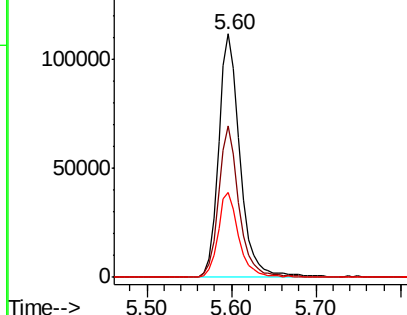
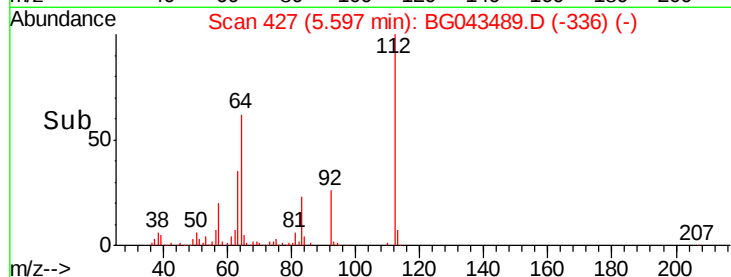
112 100

64 62.4 50.0 75.0

63 34.8 26.6 40.0



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: 20.454 ng

RT: 7.34 min Scan# 723

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

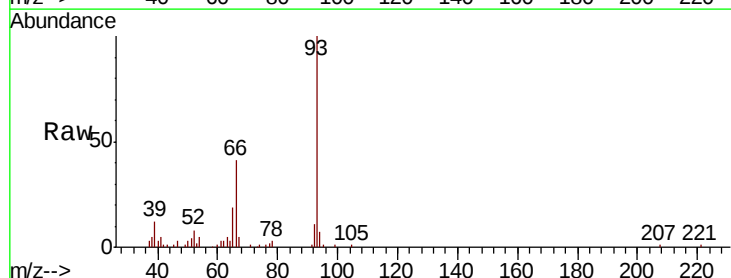
Tgt Ion: 93 Resp: 55534

Ion Ratio Lower Upper

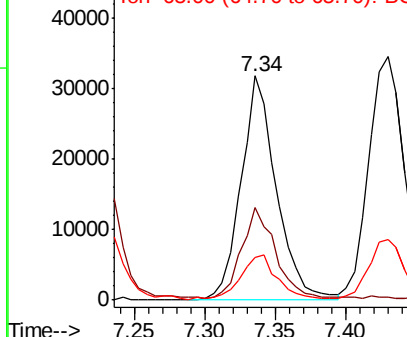
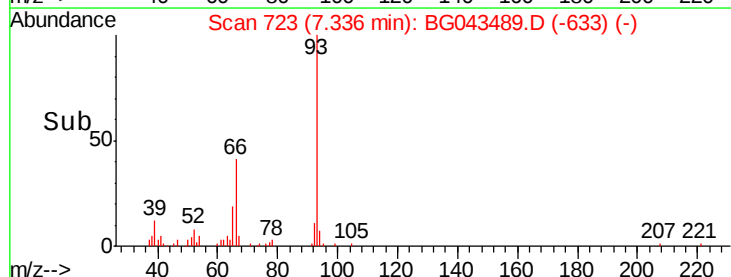
93 100

66 41.2 32.3 48.5

65 19.1 16.1 24.1



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: 120.396 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

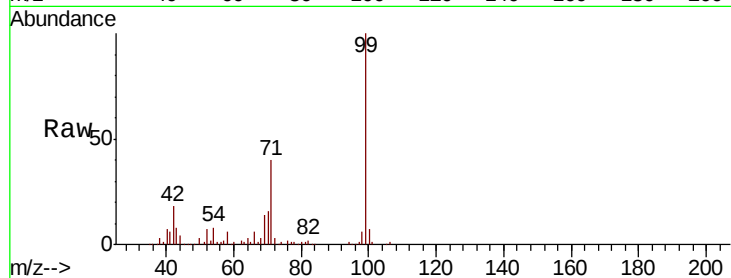
Tot Ion: 99 Resp: 283761

Ion Ratio Lower Upper

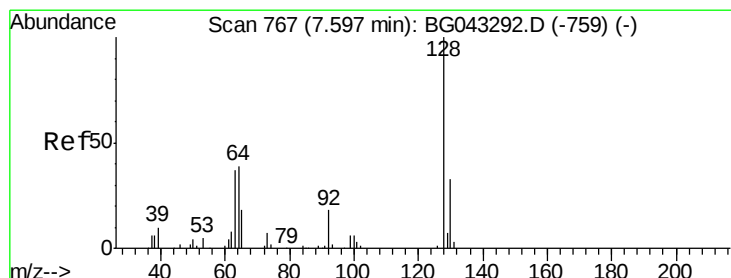
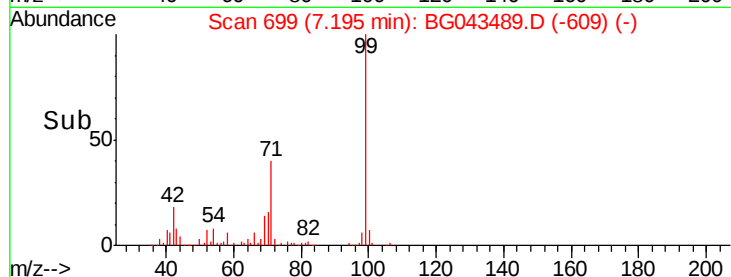
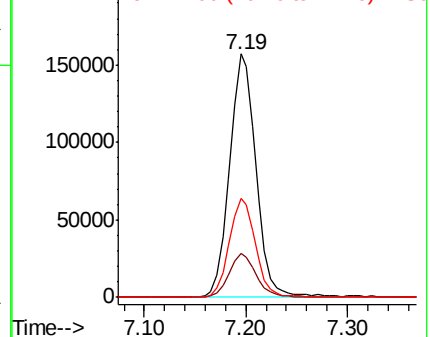
99 100

42 17.9 14.6 21.8

71 40.4 32.5 48.7



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: 42.304 ng

RT: 7.58 min Scan# 765

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

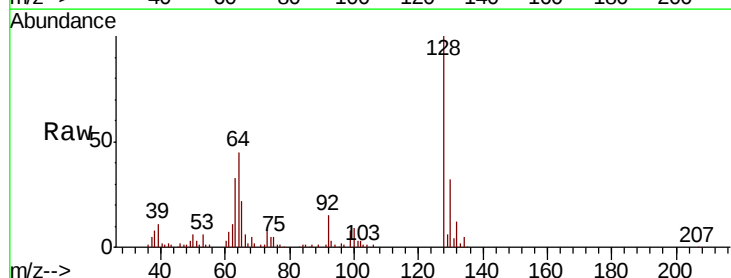
Tgt Ion:128 Resp: 76499

Ion Ratio Lower Upper

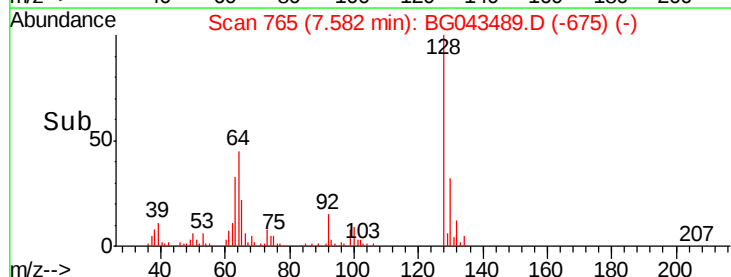
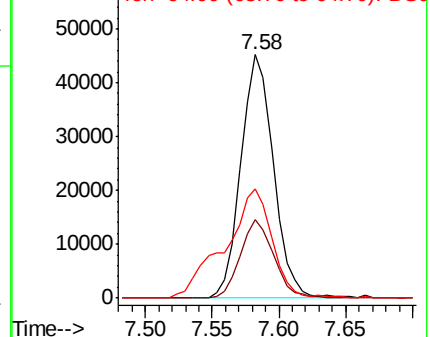
128 100

130 32.1 12.5 52.5

64 44.7 25.3 65.3



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





#9

Benzaldehyde

Concen: 33.257 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampled :

TP-30-SMS

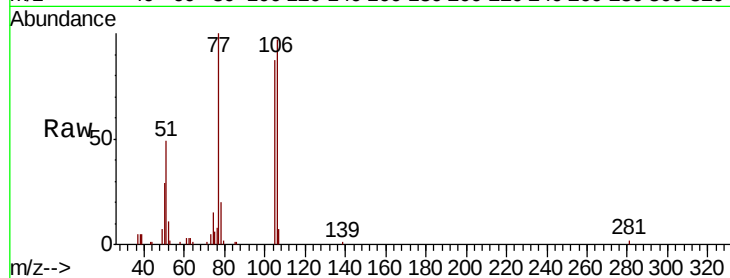
Tot Ion: 77 Resp: 38521

Ion Ratio Lower Upper

77 100

105 87.1 68.6 108.6

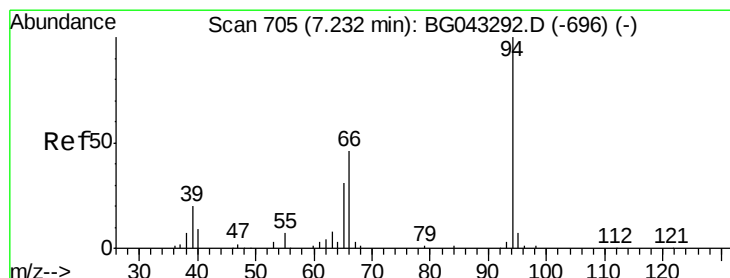
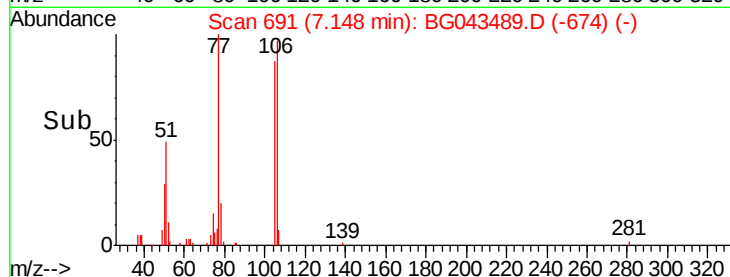
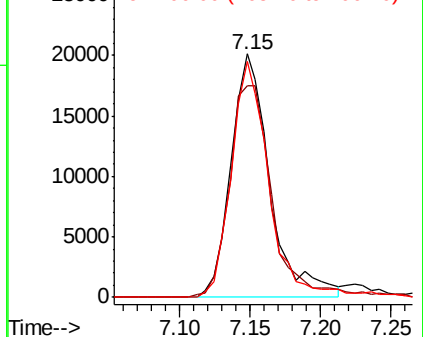
106 97.1 69.9 109.9



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: 49.072 ng

RT: 7.22 min Scan# 704

Delta R.T. 0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

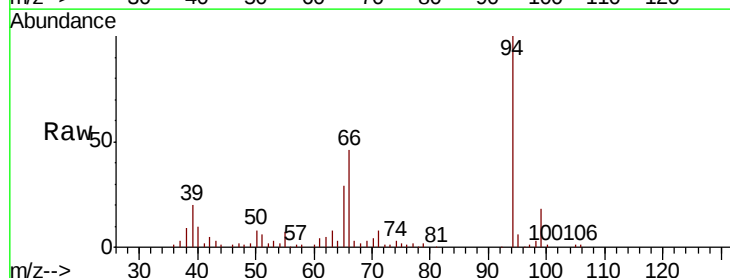
Tgt Ion: 94 Resp: 105687

Ion Ratio Lower Upper

94 100

65 29.1 12.6 52.6

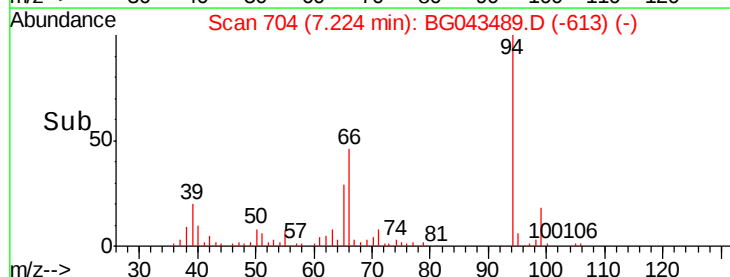
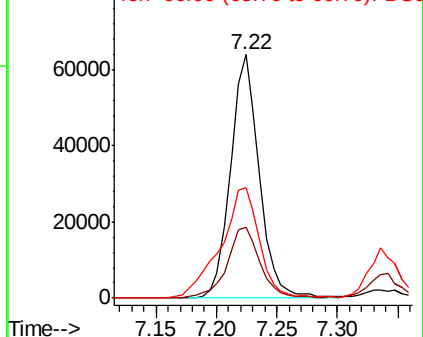
66 45.6 30.7 70.7



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

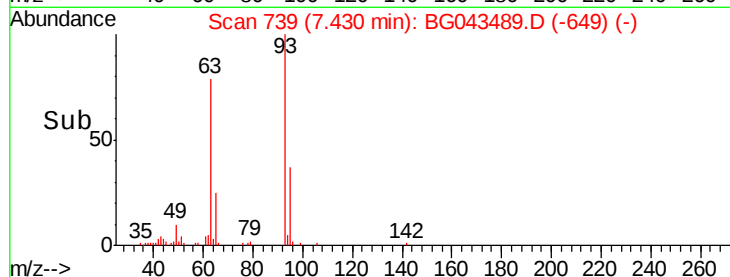
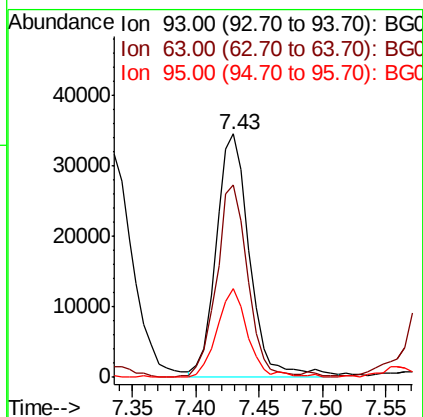
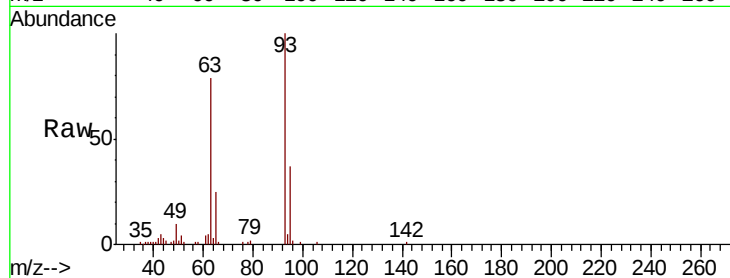




#11
bis(2-Chloroethyl)ether
Concen: 38.029 ng
RT: 7.43 min Scan# 739
Delta R.T. -0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

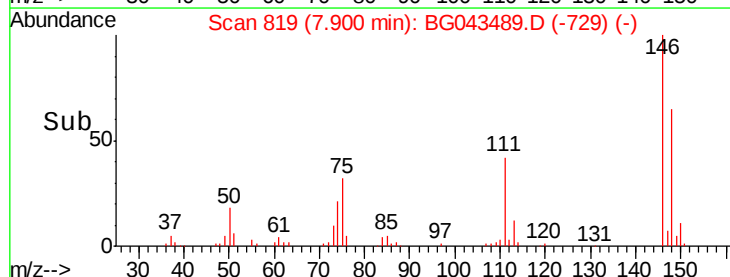
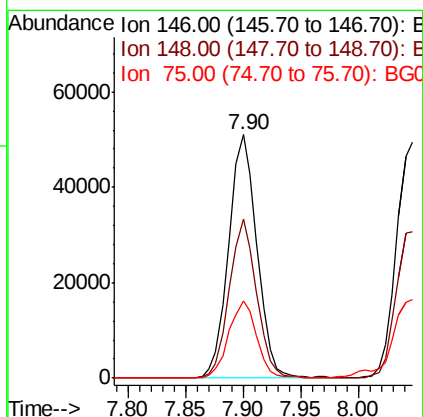
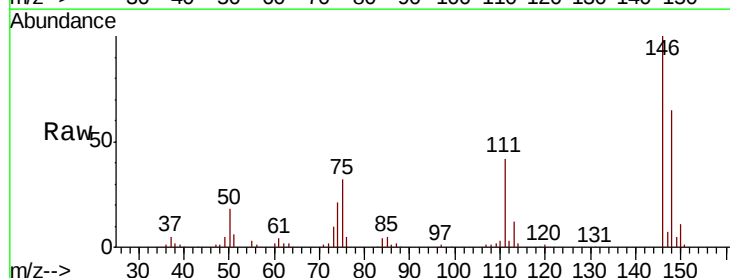
Instrument :
BNA_G
ClientSampleId :
TP-30-SMS

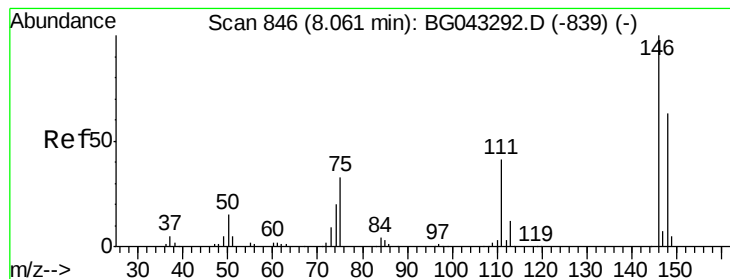
Tot Ion: 93 Resp: 63324
Ion Ratio Lower Upper
93 100
63 79.0 56.3 96.3
95 36.6 12.2 52.2



#12
1,3-Dichlorobenzene
Concen: 38.282 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Tgt Ion: 146 Resp: 86735
Ion Ratio Lower Upper
146 100
148 65.2 50.3 75.5
75 31.9 24.6 37.0





#13

1,4-Dichlorobenzene

Concen: 37.593 ng

RT: 8.05 min Scan# 844

Delta R.T. 0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

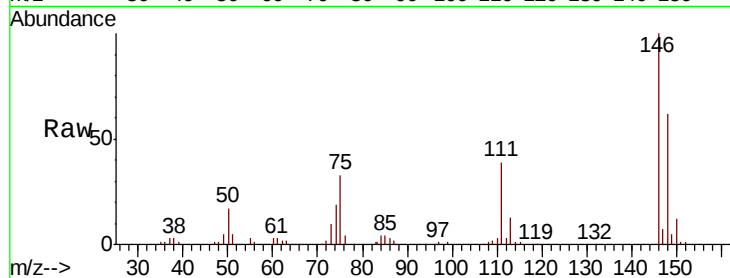
Tot Ion:146 Resp: 86174

Ion Ratio Lower Upper

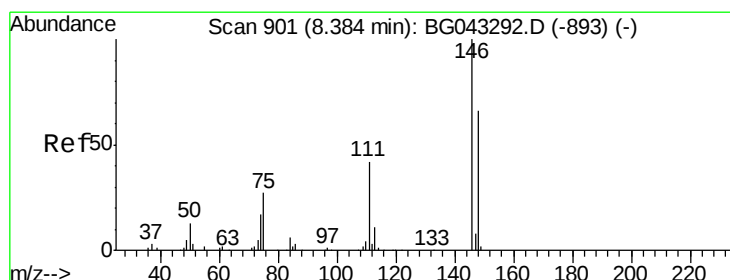
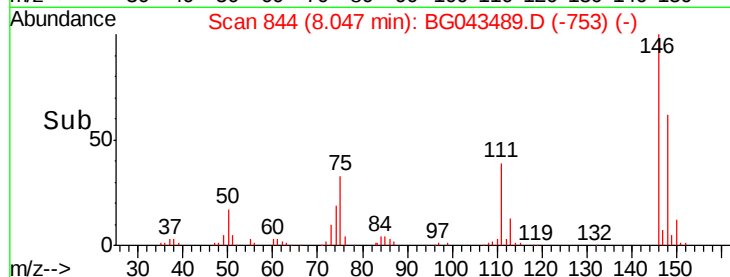
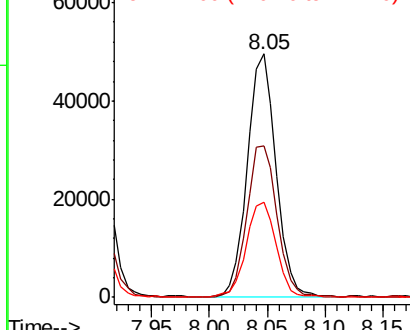
146 100

148 62.0 50.7 76.1

111 39.3 33.4 50.2



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: 36.786 ng

RT: 8.36 min Scan# 898

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

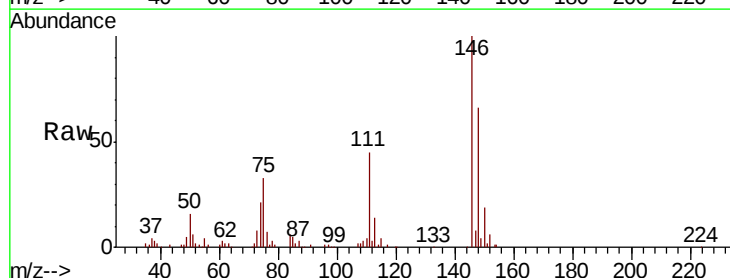
Tgt Ion:146 Resp: 82334

Ion Ratio Lower Upper

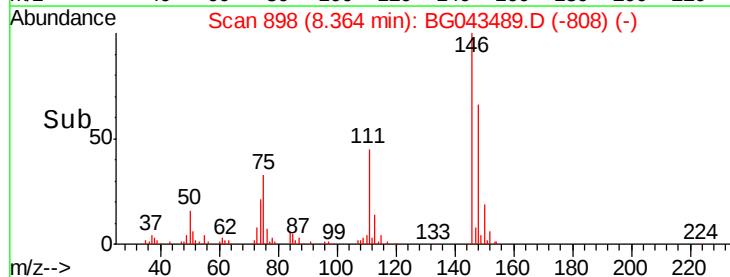
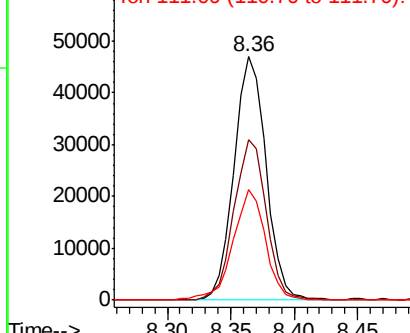
146 100

148 65.8 53.2 79.8

111 45.4 35.8 53.6



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





#15

Benzyl Alcohol

Concen: 40.700 ng

RT: 8.25 min Scan# 879

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

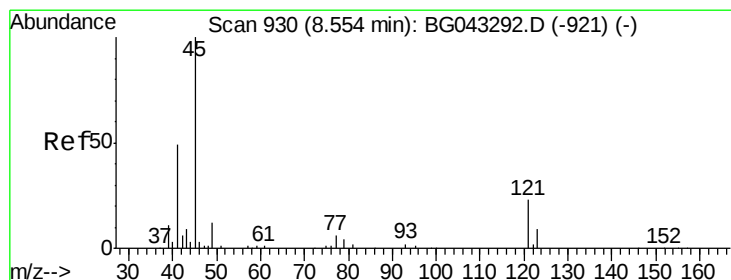
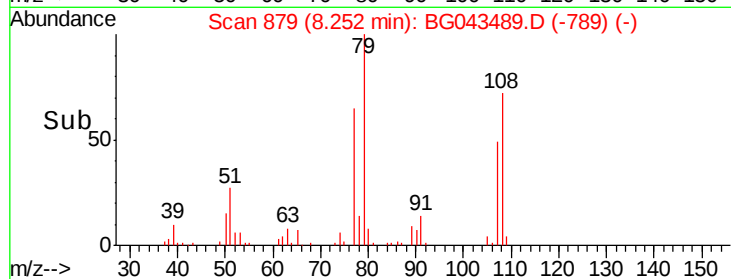
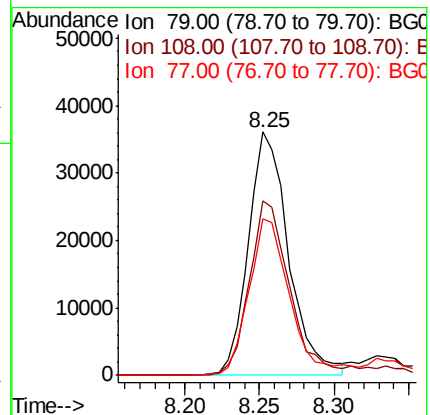
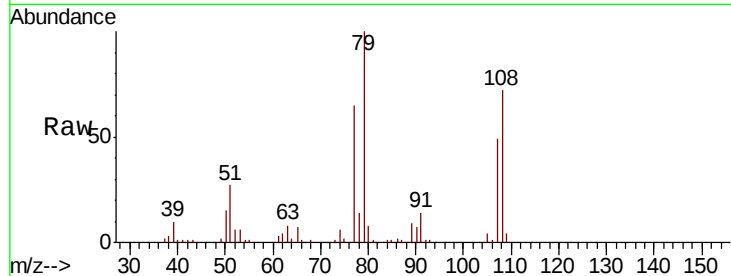
Tot Ion: 79 Resp: 67368

Ion Ratio Lower Upper

79 100

108 71.5 53.6 80.4

77 64.5 49.6 74.4



#16

2,2'-oxybis(1-Chloropropane)

Concen: 33.574 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

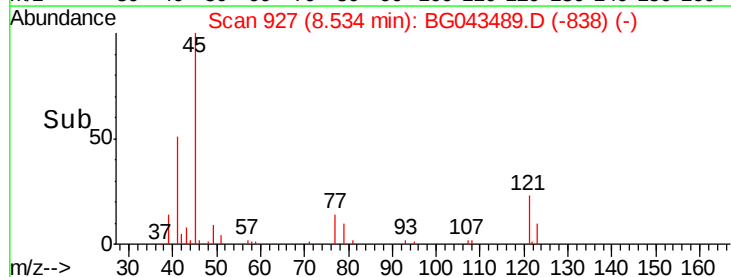
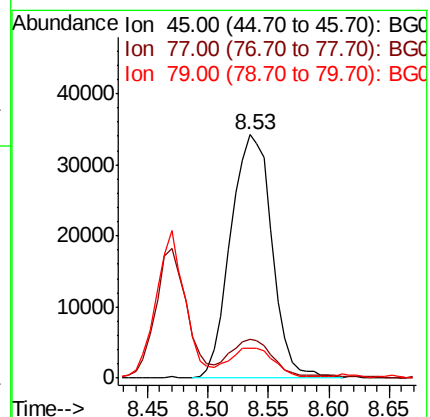
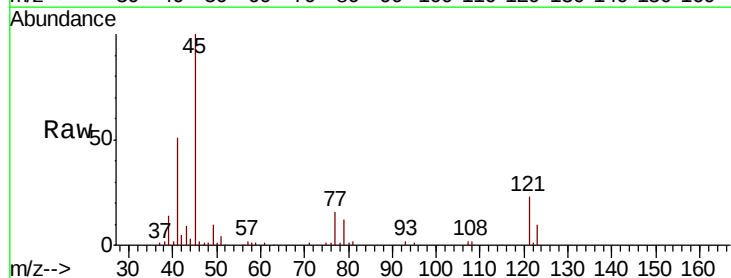
Tgt Ion: 45 Resp: 81290

Ion Ratio Lower Upper

45 100

77 15.8 0.0 34.9

79 12.5 0.0 33.0





#17

2-Methylphenol

Concen: 43.244 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

Tot Ion:107 Resp: 67895

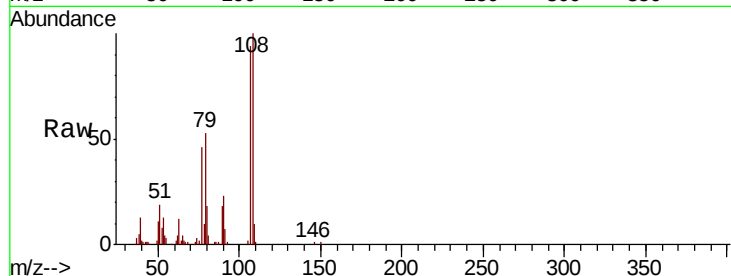
Ion Ratio Lower Upper

107 100

108 106.8 90.2 135.4

77 49.6 40.2 60.2

79 56.5 44.0 66.0

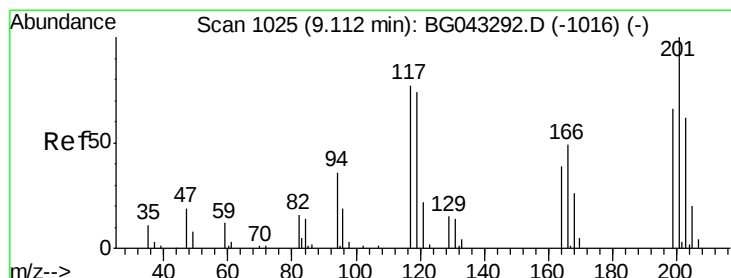
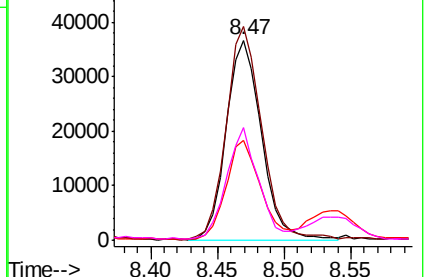
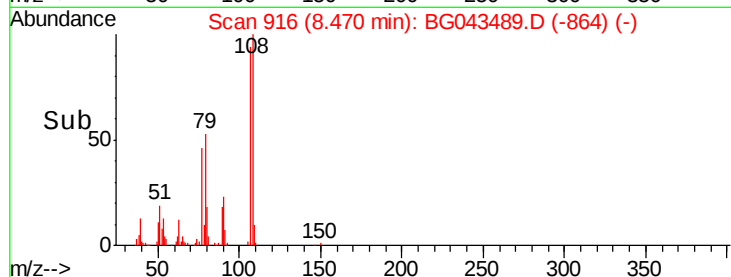


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.003 ng

RT: 9.09 min Scan# 1022

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

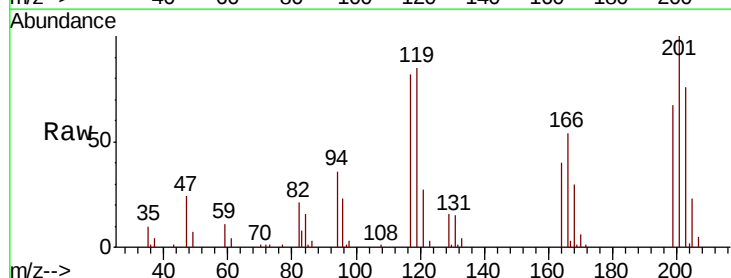
Tgt Ion:117 Resp: 29776

Ion Ratio Lower Upper

117 100

119 103.4 79.0 118.4

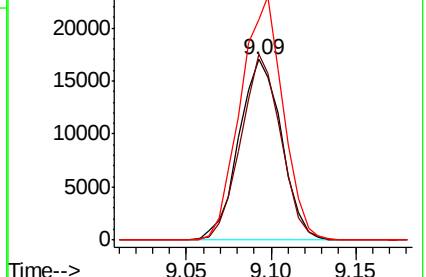
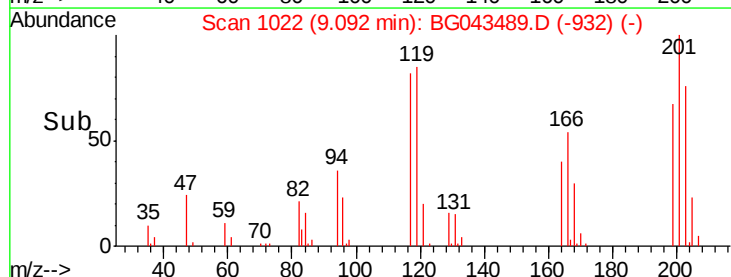
201 122.0 105.4 158.2

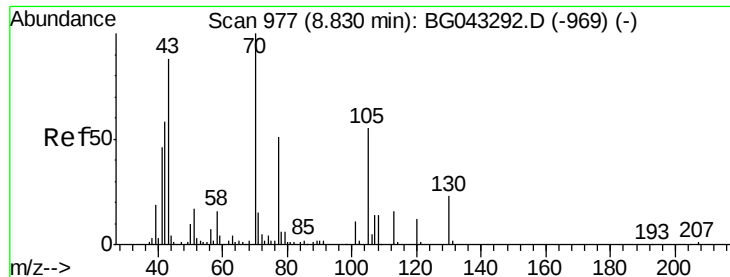


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

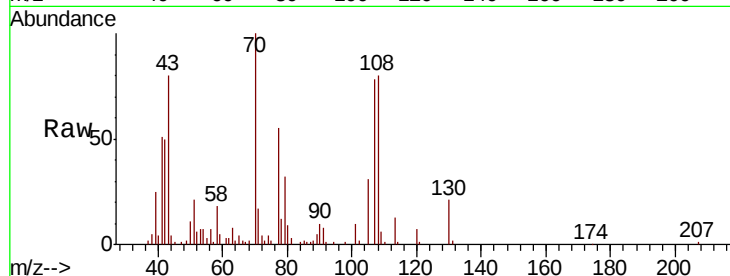




#19
n-Nitroso-di-n-propylamine
Concen: 37.027 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Instrument :
BNA_G
ClientSampleId :
TP-30-SMS

Tot Ion:	70	Resp:	56391
Ion	Ratio	Lower	Upper
70	100		
42	50.3	41.4	62.2
101	10.4	7.9	11.9
130	20.8	19.0	28.4



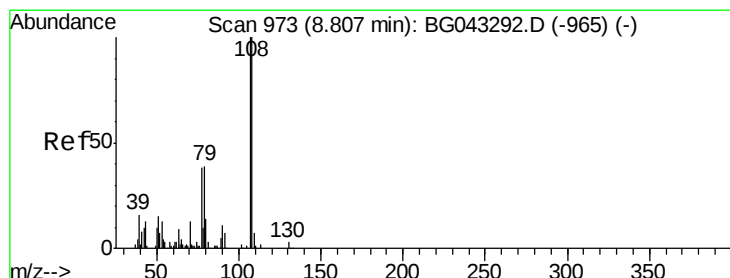
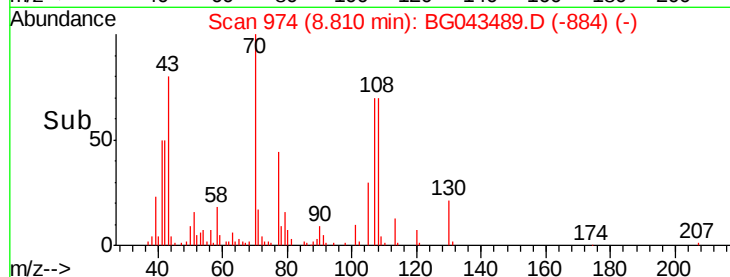
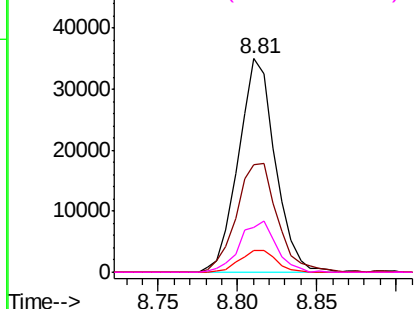
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

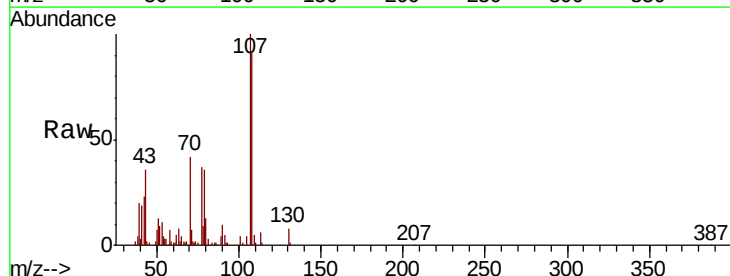
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 40.820 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Tgt Ion:	107	Resp:	87884
Ion	Ratio	Lower	Upper
107	100		
108	91.0	66.6	106.6
77	36.9	20.9	60.9
79	36.1	11.3	51.3



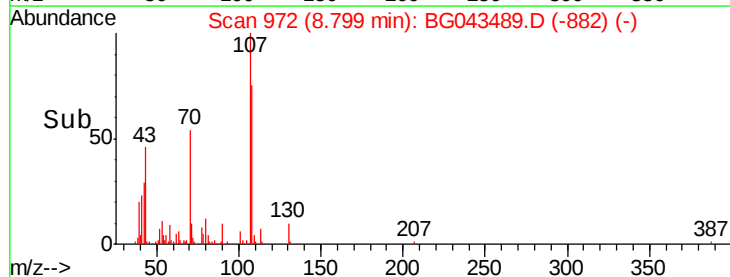
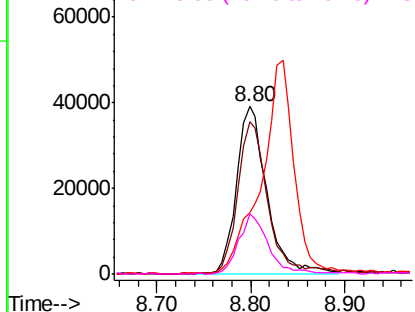
Abundance

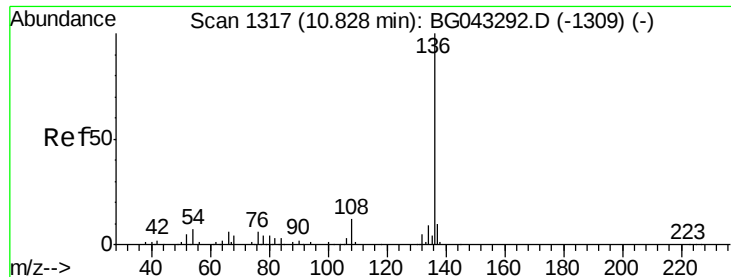
Ion 107.00 (106.70 to 107.70): BGC

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: 10.81 min Scan# 1315

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

Tot Ion:136 Resp: 121026

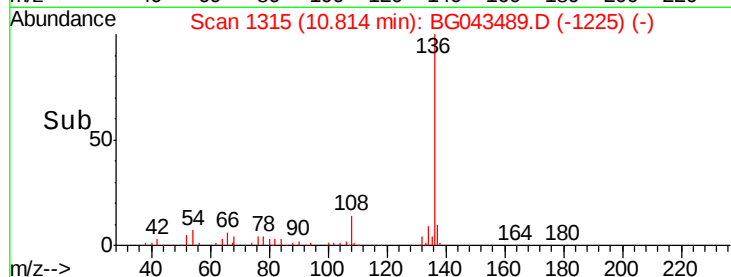
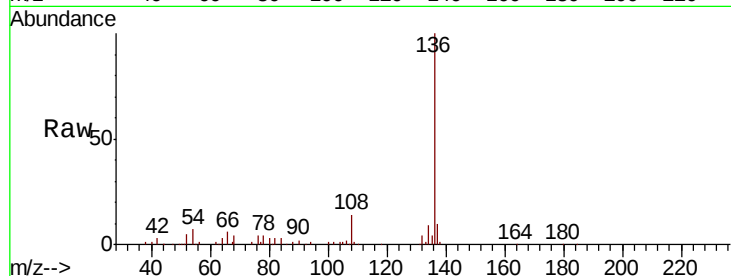
Ion Ratio Lower Upper

136 100

137 10.0 8.7 13.1

54 6.6 5.4 8.2

68 4.5 3.0 4.4#



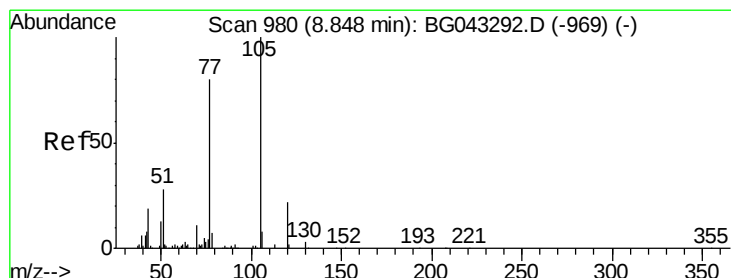
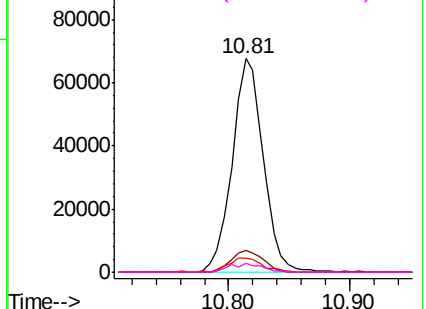
Abundance

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: 36.557 ng

RT: 8.83 min Scan# 978

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Tgt Ion:105 Resp: 113302

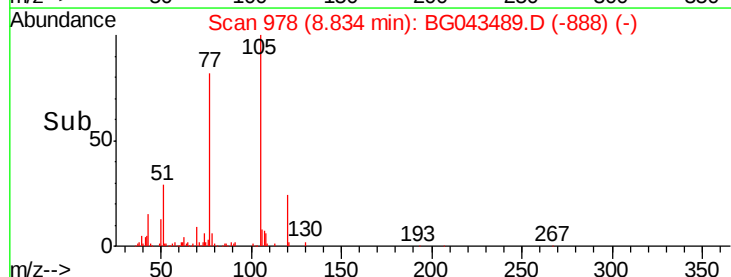
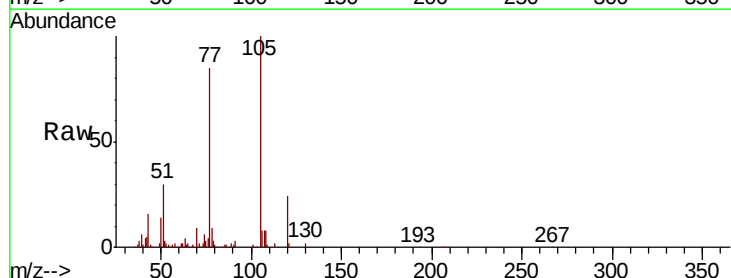
Ion Ratio Lower Upper

105 100

71 1.9 0.8 1.2#

51 29.7 21.0 31.4

120 24.0 18.0 27.0



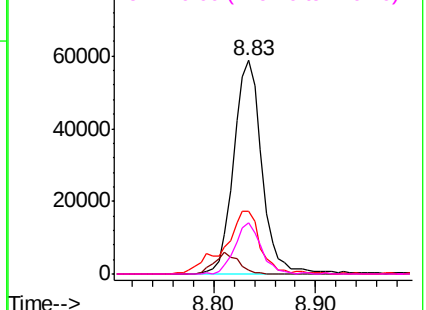
Abundance

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

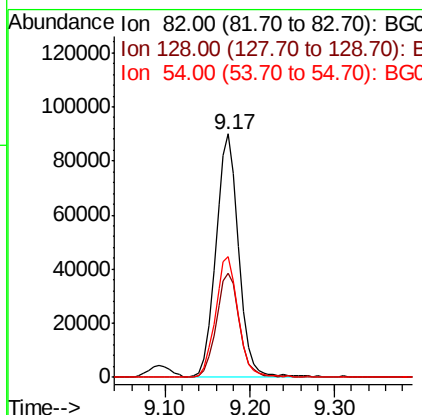
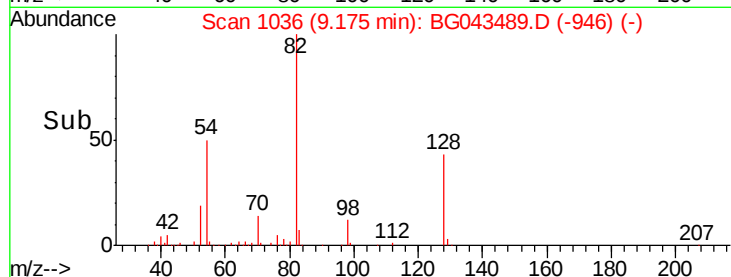
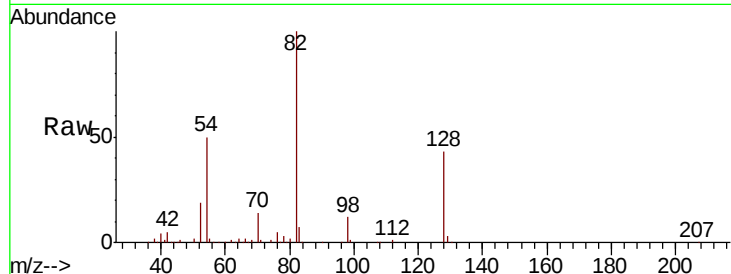




#23
 Nitrobenzene-d5
 Concen: 72.201 ng
 RT: 9.17 min Scan# 1036
 Delta R.T. -0.00 min
 Lab File: BG043489.D
 Acq: 4 Nov 2019 20:24

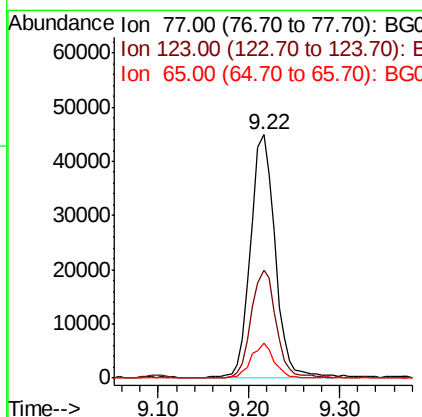
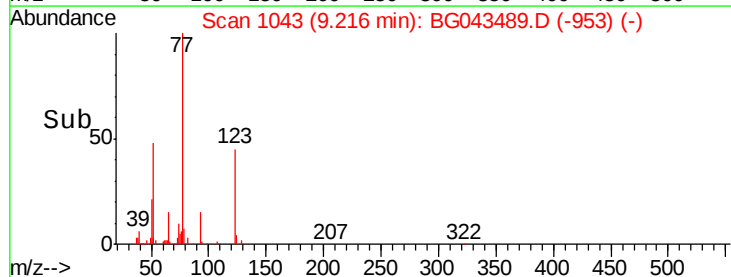
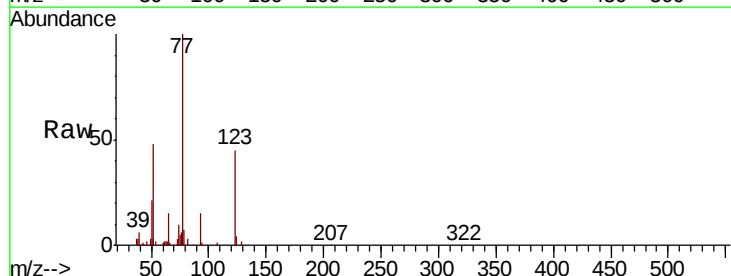
Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMS

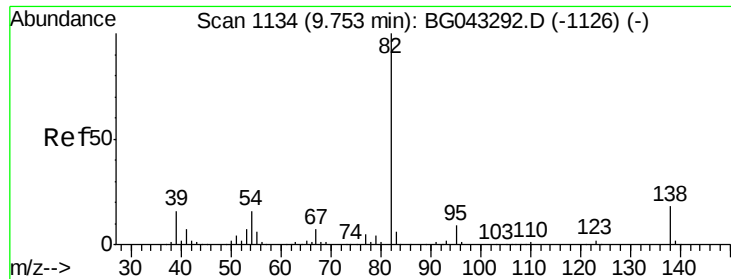
Tot Ion	82	Resp	169495
Ion Ratio	100	Lower	Upper
128	43.0	35.0	52.6
54	49.8	40.2	60.2



#24
 Nitrobenzene
 Concen: 38.089 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043489.D
 Acq: 4 Nov 2019 20:24

Tgt Ion	77	Resp	85178
Ion Ratio	100	Lower	Upper
123	44.6	35.0	52.6
65	14.6	9.5	14.3#

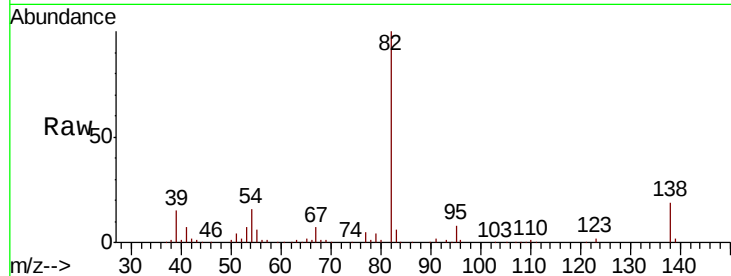




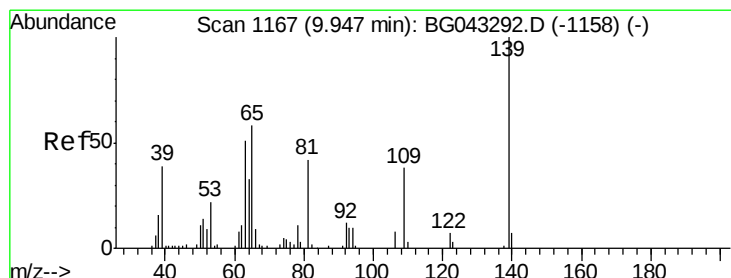
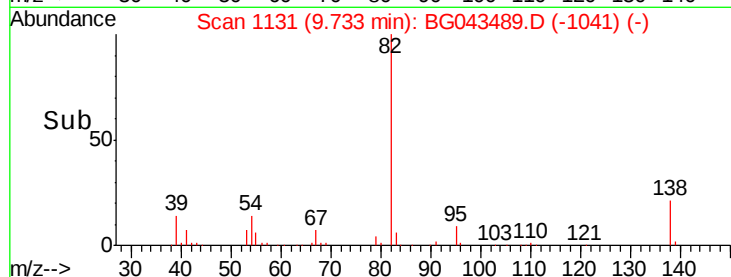
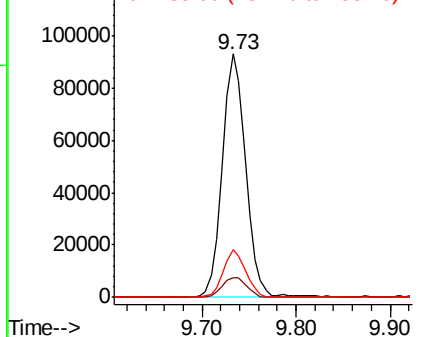
#25
Isophorone
Concen: 37.651 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Instrument :
BNA_G
ClientSampleId :
TP-30-SMS

Tot Ion: 82 Resp: 161595
Ion Ratio Lower Upper
82 100
95 8.1 6.6 9.8
138 19.5 15.2 22.8

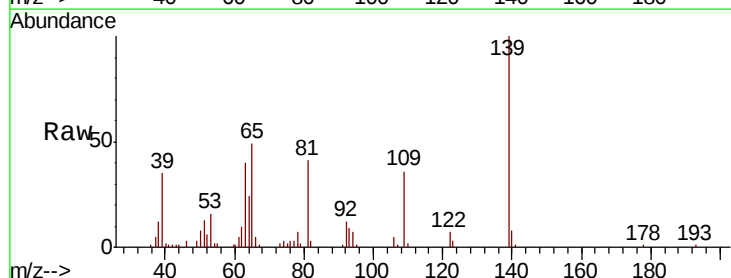


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

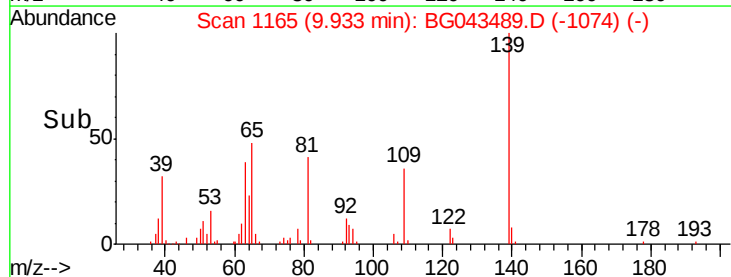
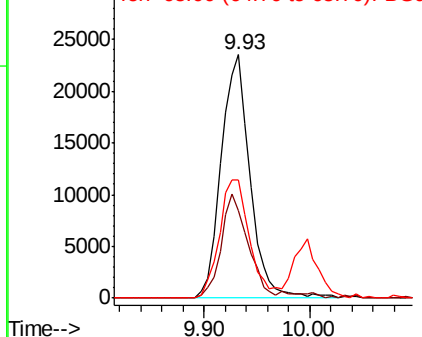


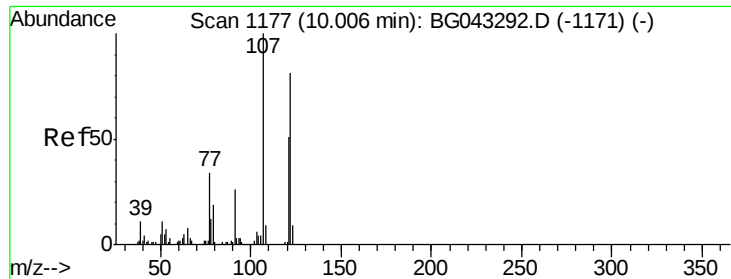
#26
2-Nitrophenol
Concen: 41.311 ng
RT: 9.93 min Scan# 1165
Delta R.T. 0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Tgt Ion: 139 Resp: 44601
Ion Ratio Lower Upper
139 100
109 35.9 26.5 39.7
65 48.5 43.8 65.8



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

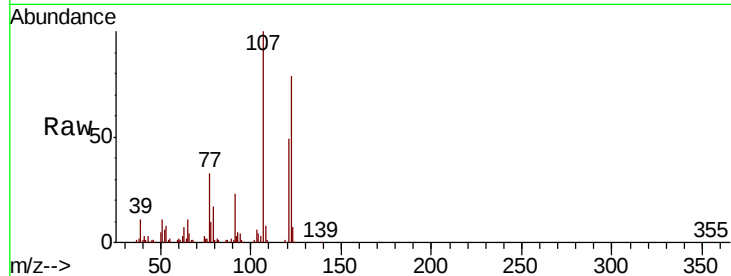




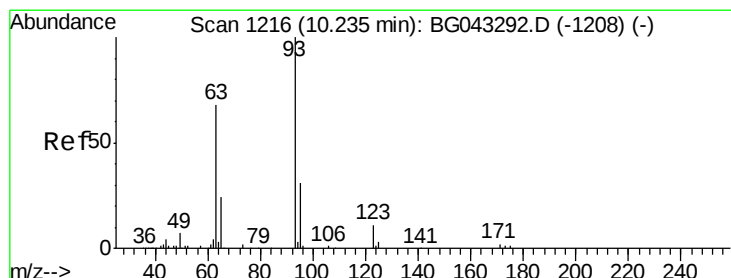
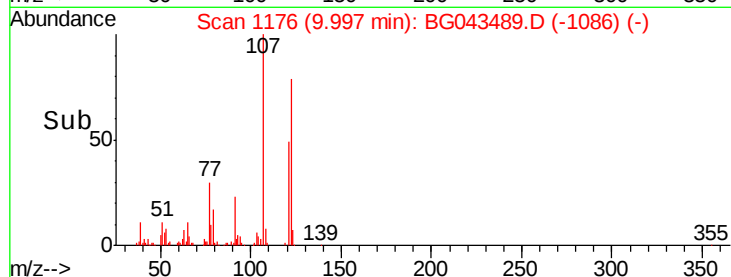
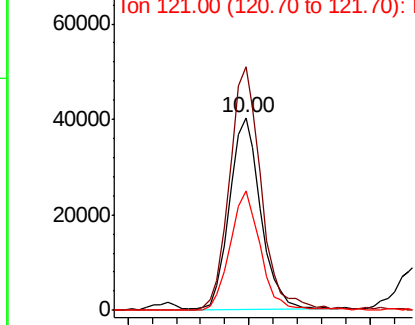
#27
2,4-Dimethylphenol
Concen: 46.545 ng
RT: 10.00 min Scan# 1176
Delta R.T. -0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Instrument :
BNA_G
ClientSampleId :
TP-30-SMS

Tot Ion:122 Resp: 72024
Ion Ratio Lower Upper
122 100
107 126.1 104.4 156.6
121 61.8 47.2 70.8

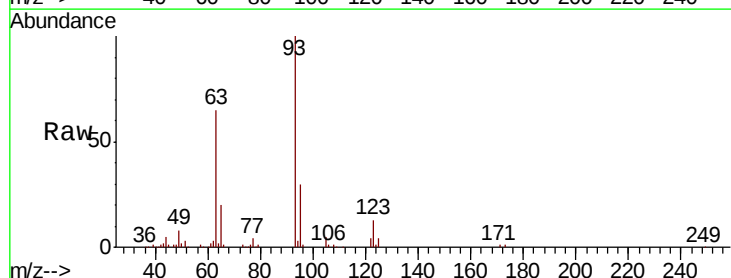


Abundance Ion 122.00 (121.70 to 122.70): E
Ion 107.00 (106.70 to 107.70): E
Ion 121.00 (120.70 to 121.70): E

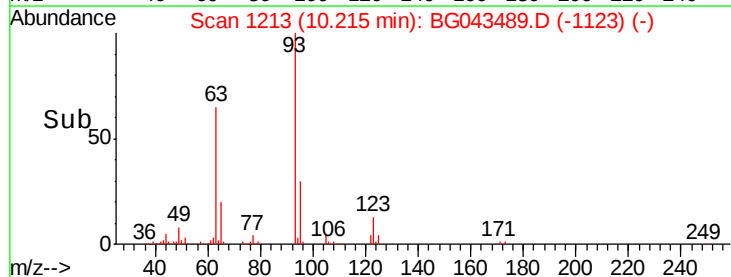
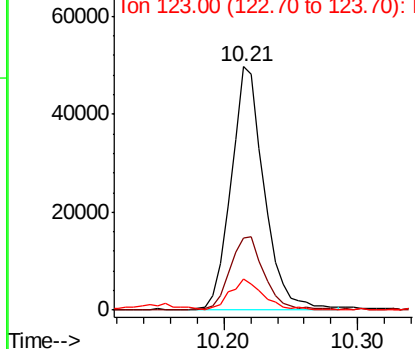


#28
bis(2-Chloroethoxy)methane
Concen: 36.297 ng
RT: 10.21 min Scan# 1213
Delta R.T. -0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Tgt Ion: 93 Resp: 85980
Ion Ratio Lower Upper
93 100
95 29.8 26.0 39.0
123 12.6 10.6 15.8



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

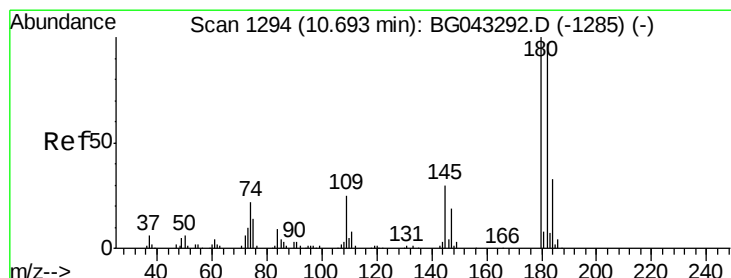
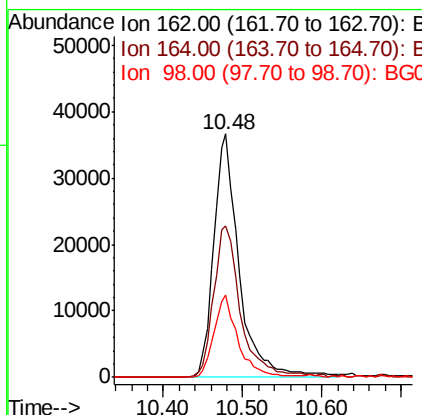
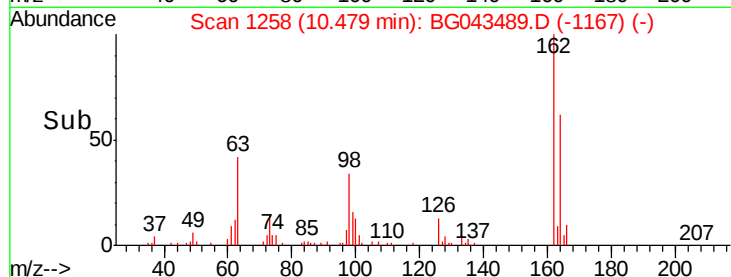
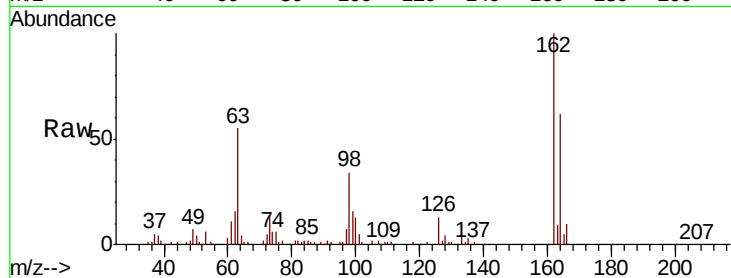




#29
 2,4-Dichlorophenol
 Concen: 41.066 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. 0.00 min
 Lab File: BG043489.D
 Acq: 4 Nov 2019 20:24

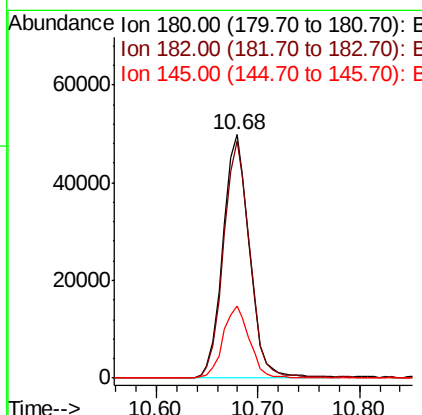
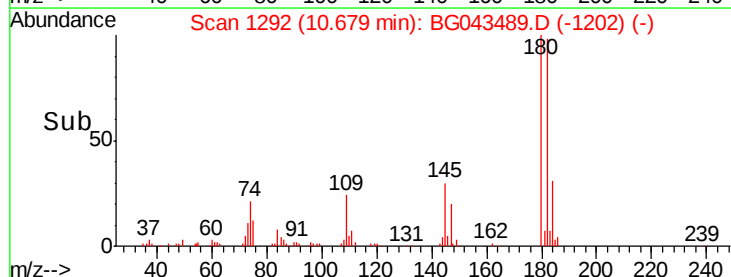
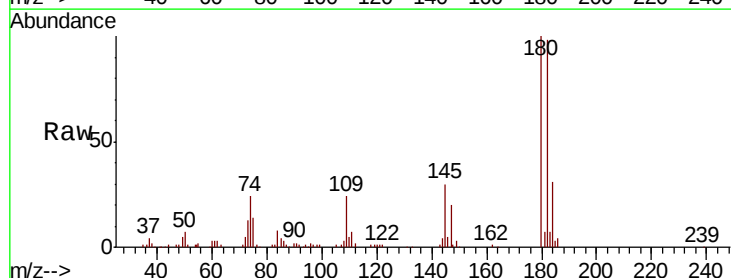
Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	48.9	88.9
98	33.9	15.1	55.1



#30
 1,2,4-Trichlorobenzene
 Concen: 36.230 ng
 RT: 10.68 min Scan# 1292
 Delta R.T. -0.00 min
 Lab File: BG043489.D
 Acq: 4 Nov 2019 20:24

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.6	75.1	112.7
145	29.6	23.9	35.9

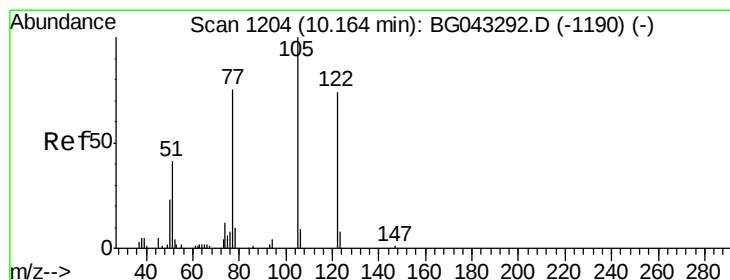
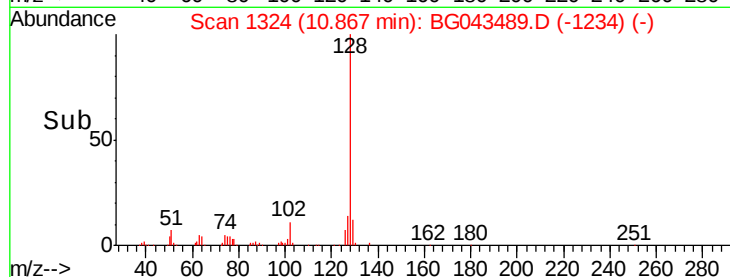
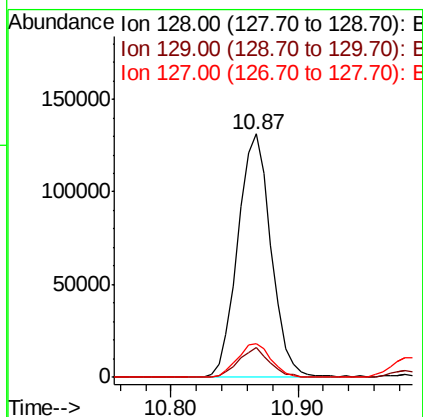
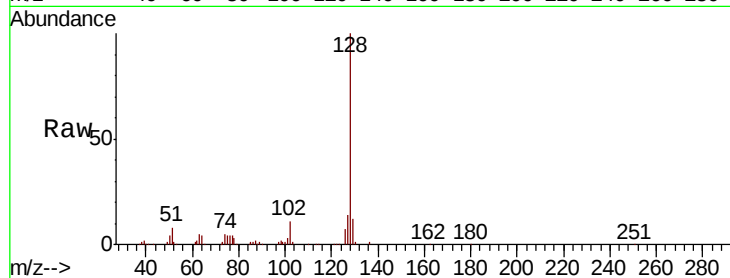




#31
Naphthalene
Concen: 38.865 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

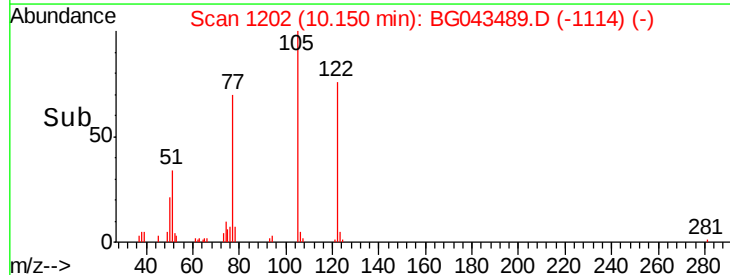
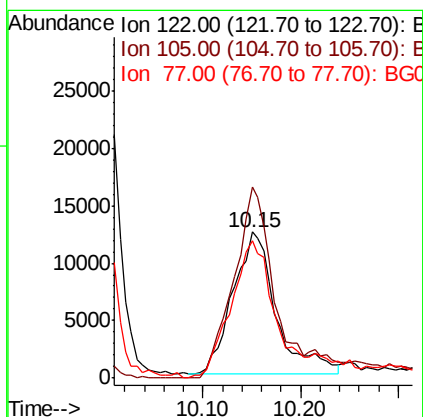
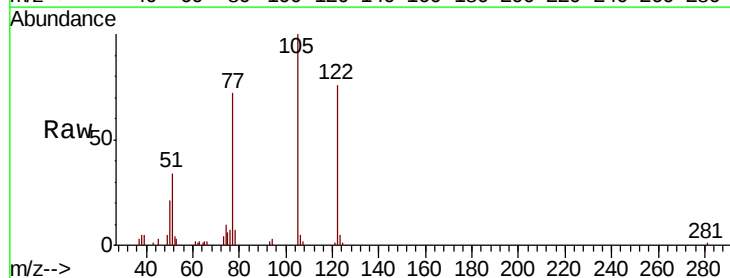
Instrument :
BNA_G
ClientSampleId :
TP-30-SMS

Tot Ion:128 Resp: 238758
Ion Ratio Lower Upper
128 100
129 12.2 9.4 14.0
127 13.7 11.1 16.7



#32
Benzoic acid
Concen: 35.510 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.01 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Tgt Ion:122 Resp: 38528
Ion Ratio Lower Upper
122 100
105 130.9 103.3 143.3
77 93.8 84.9 124.9

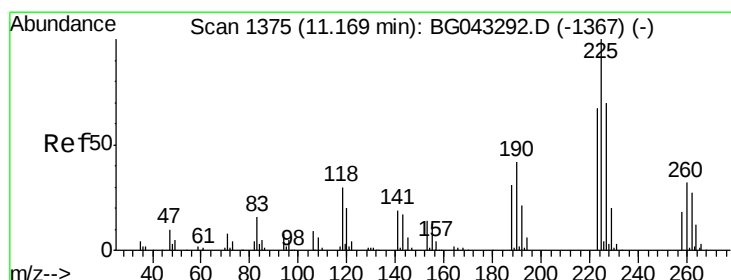
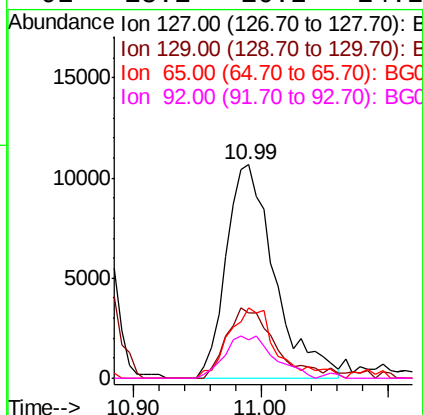
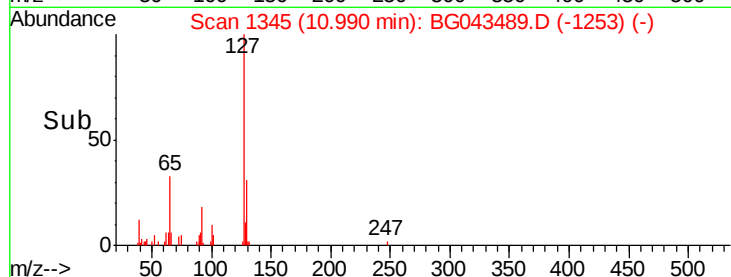
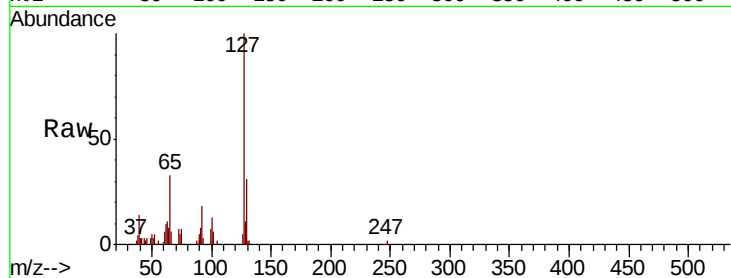




#33
4-Chloroaniline
Concen: 11.197 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

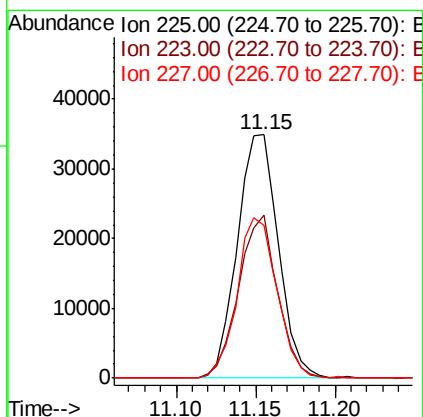
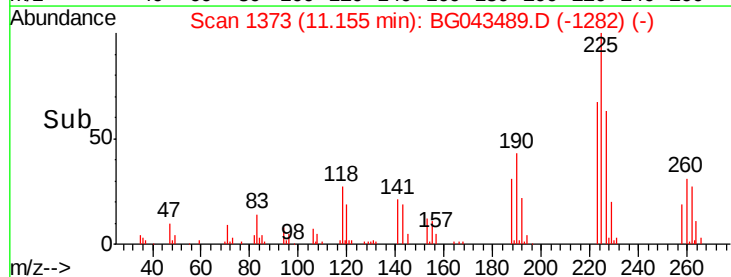
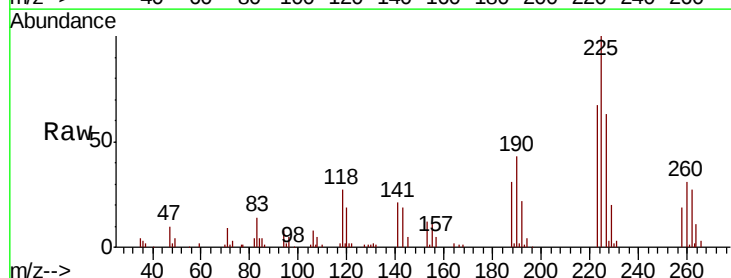
Instrument :
BNA_G
ClientSampleId :
TP-30-SMS

Tot Ion:127	Resp:	28197
Ion Ratio	Lower	Upper
127	100	
129	30.9	26.5 39.7
65	32.8	26.4 39.6
92	18.1	16.2 24.2



#34
Hexachlorobutadiene
Concen: 33.843 ng
RT: 11.15 min Scan# 1373
Delta R.T. 0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Tgt Ion:225	Resp:	62516
Ion Ratio	Lower	Upper
225	100	
223	66.8	52.7 79.1
227	62.6	54.8 82.2





#35

Caprolactam

Concen: 21.544 ng

RT: 11.74 min Scan# 1473

Delta R.T. -0.01 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

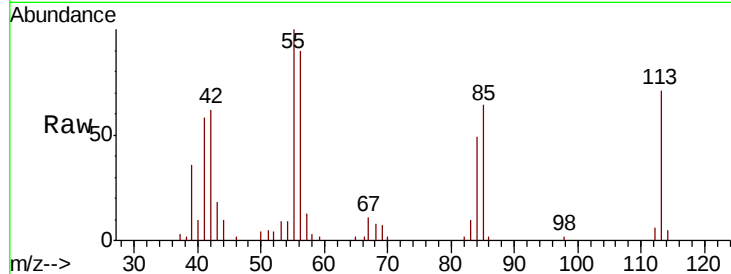
Tot Ion:113 Resp: 14711

Ion Ratio Lower Upper

113 100

55 141.7 134.1 174.1

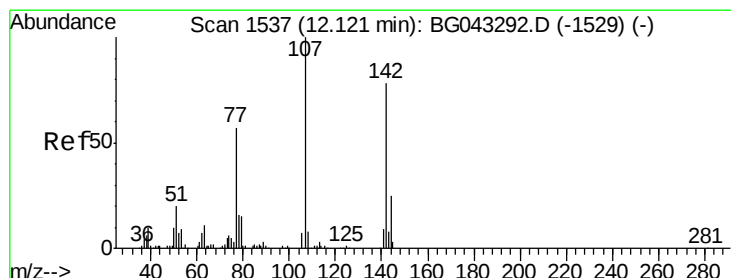
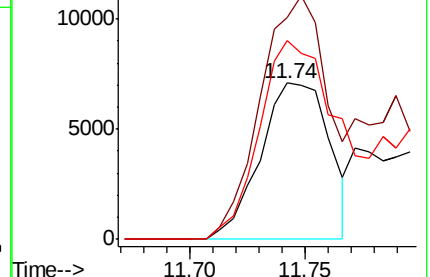
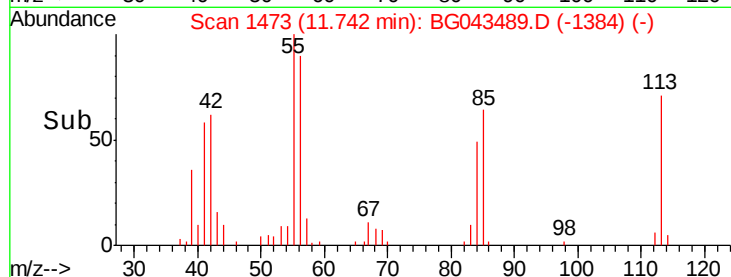
56 127.5 100.4 140.4



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: 42.859 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

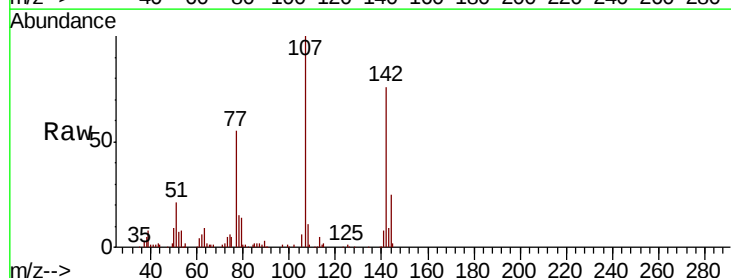
Tgt Ion:107 Resp: 92691

Ion Ratio Lower Upper

107 100

144 25.5 20.9 31.3

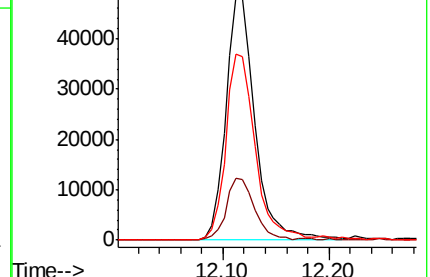
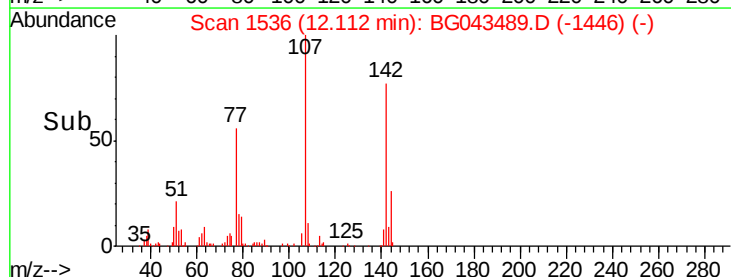
142 76.4 59.6 89.4



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

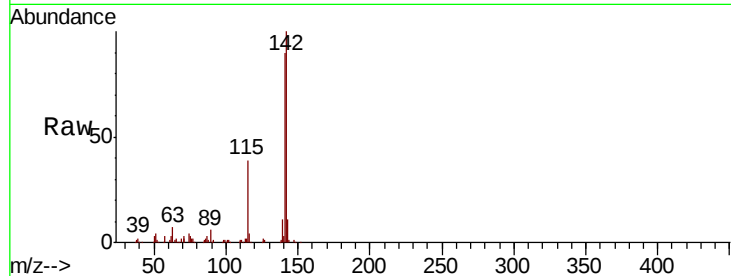




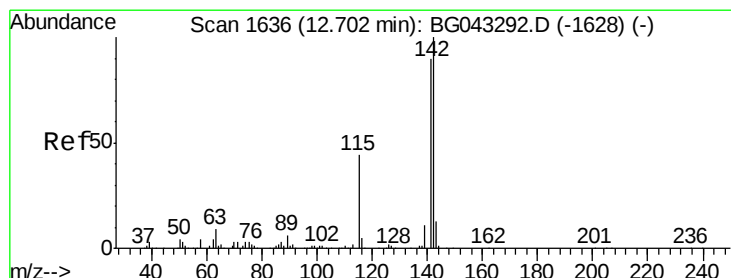
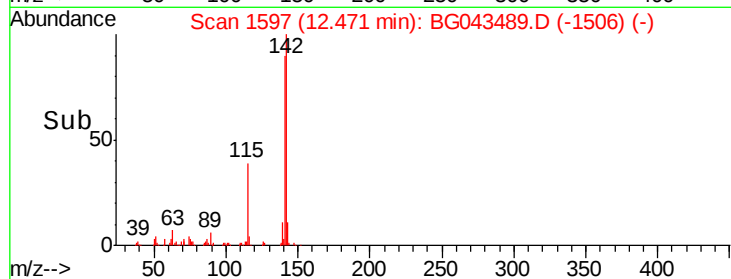
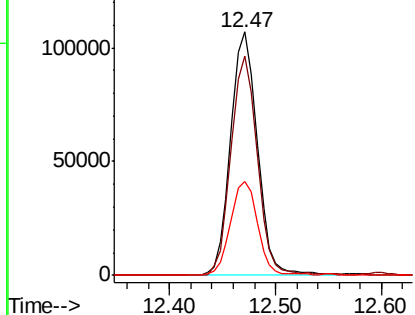
#37
2-Methylnaphthalene
Concen: 39.816 ng
RT: 12.47 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Instrument :
BNA_G
ClientSampleId :
TP-30-SMS

Tot Ion:142 Resp: 187674
Ion Ratio Lower Upper
142 100
141 89.9 72.2 108.2
115 38.7 33.2 49.8

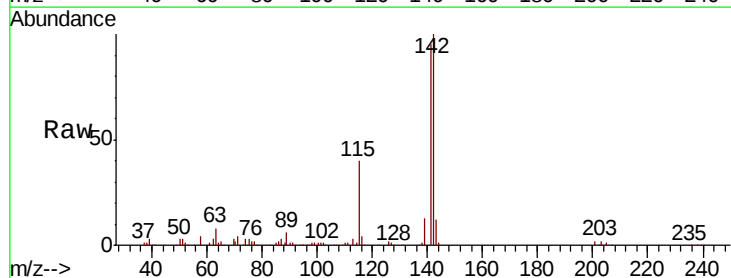


Abundance Ion 142.00 (141.70 to 142.70): E
Ion 141.00 (140.70 to 141.70): E
Ion 115.00 (114.70 to 115.70): E

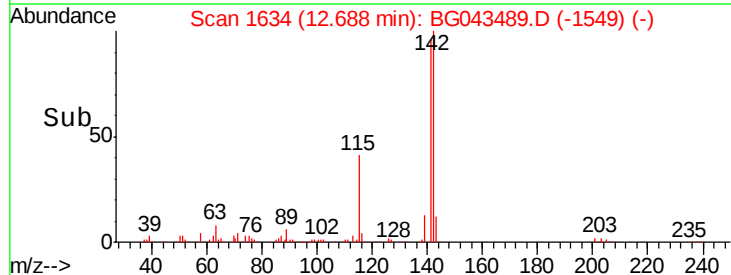
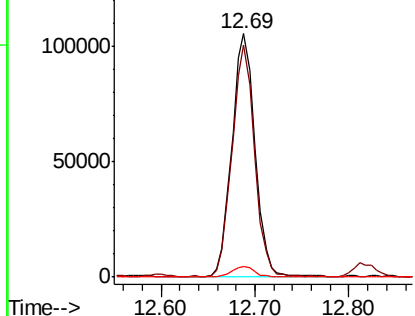


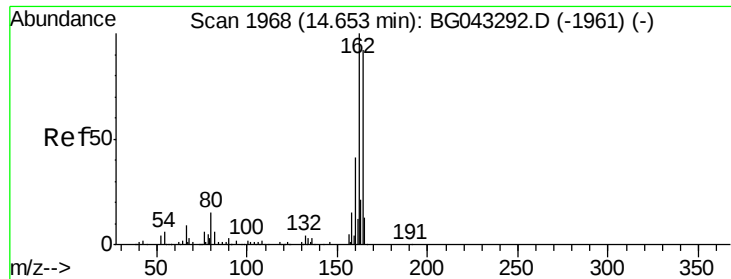
#38
1-Methylnaphthalene
Concen: 40.255 ng
RT: 12.69 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Tgt Ion:142 Resp: 180538
Ion Ratio Lower Upper
142 100
141 95.4 73.2 109.8
116 4.3 3.6 5.4



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: 14.64 min Scan# 1966

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

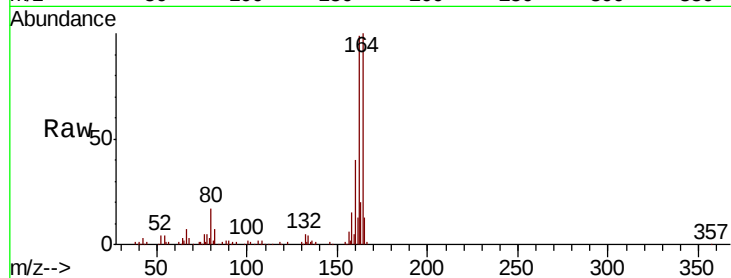
Tot Ion:164 Resp: 89590

Ion Ratio Lower Upper

164 100

162 98.9 83.5 125.3

160 40.1 36.5 54.7

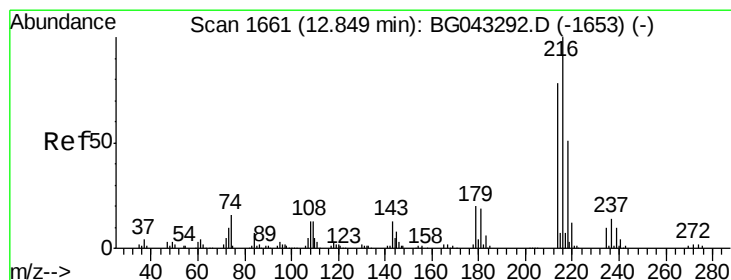
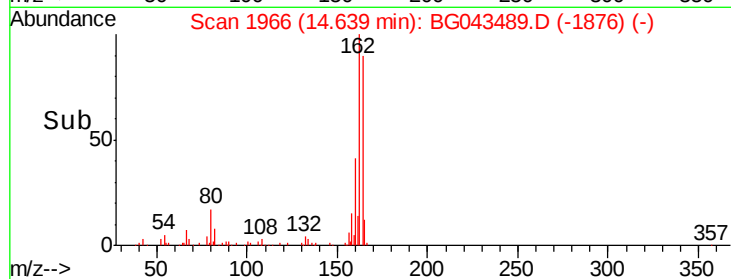
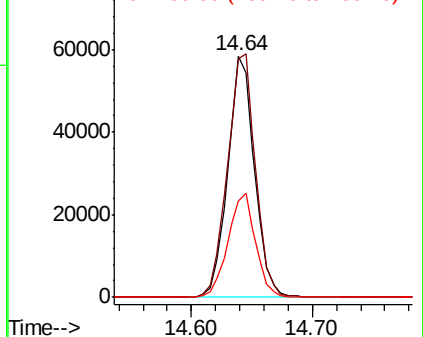


Abundance

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: 35.469 ng

RT: 12.84 min Scan# 1659

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Tgt Ion:216 Resp: 117600

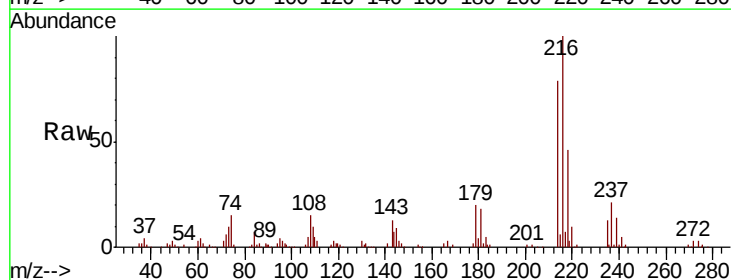
Ion Ratio Lower Upper

216 100

214 79.5 61.7 92.5

179 19.3 15.8 23.8

108 15.2 11.5 17.3



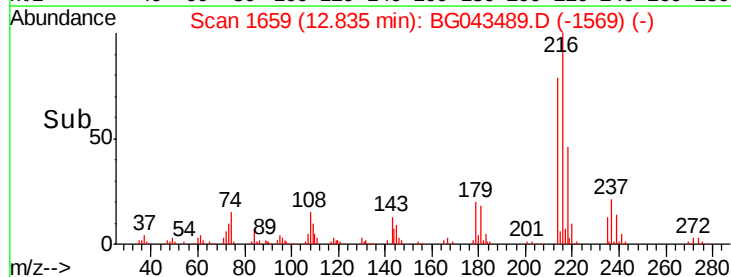
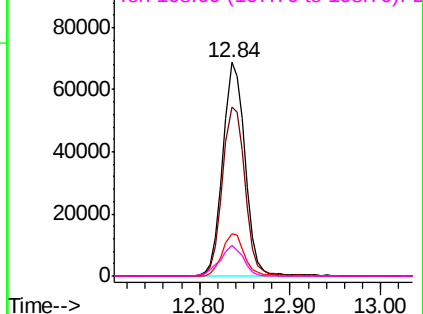
Abundance

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: 55.251 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

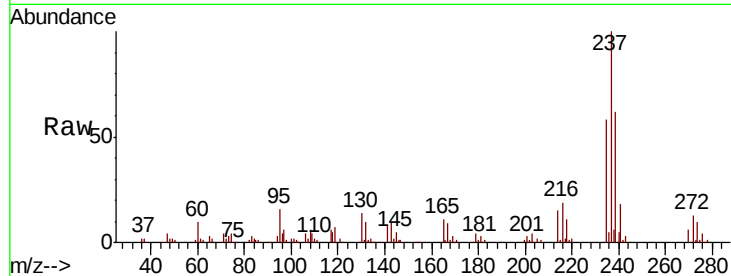
Tot Ion:237 Resp: 96230

Ion Ratio Lower Upper

237 100

235 57.6 41.6 81.6

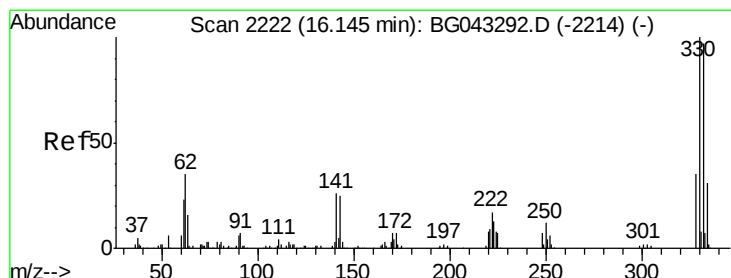
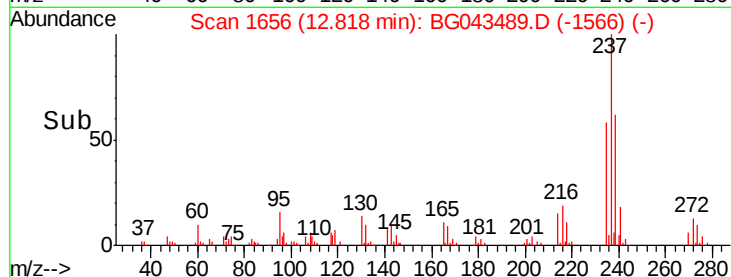
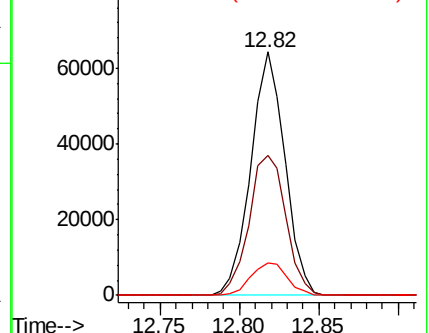
272 13.1 0.0 32.5



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: 112.675 ng

RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

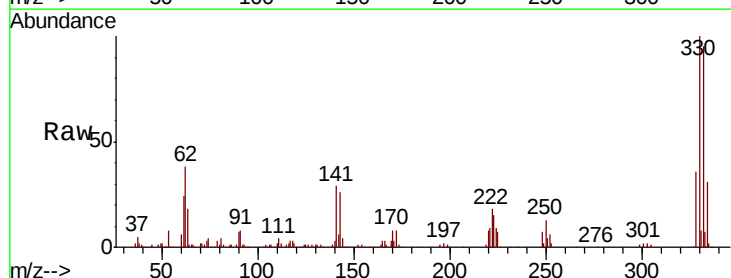
Tgt Ion:330 Resp: 192100

Ion Ratio Lower Upper

330 100

332 98.0 77.4 116.0

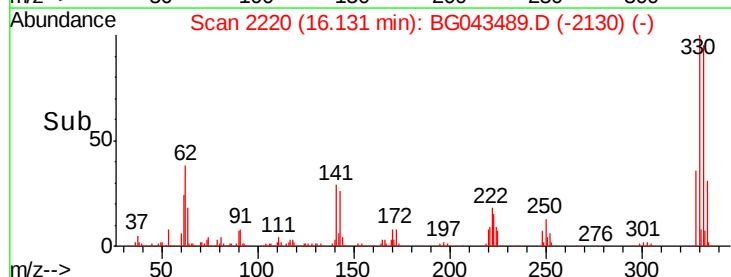
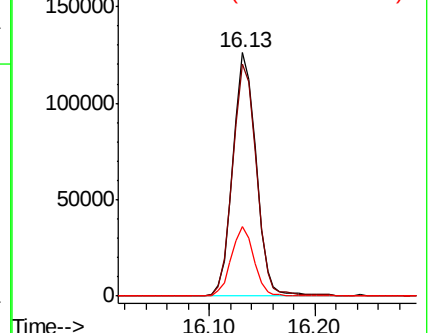
141 27.9 22.8 34.2

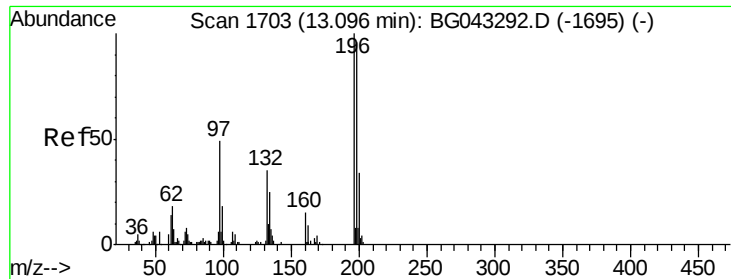


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

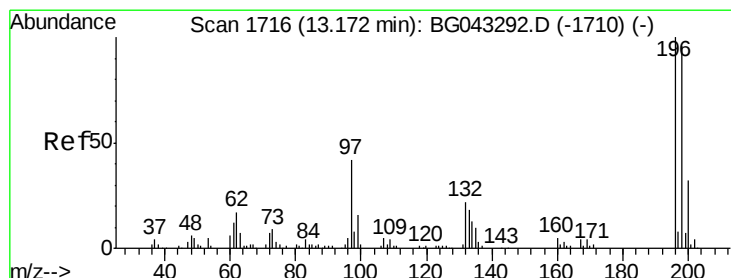
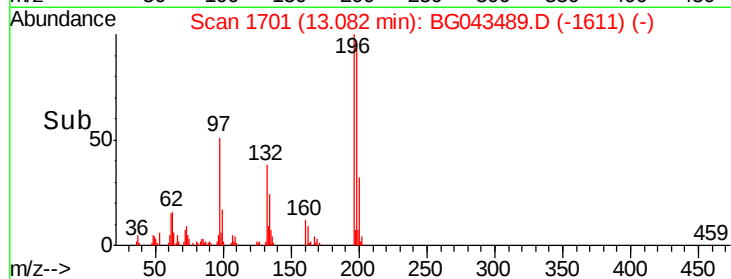
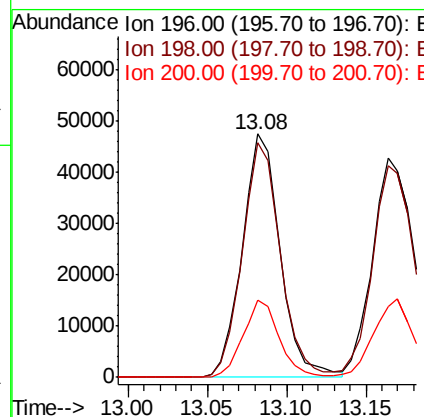
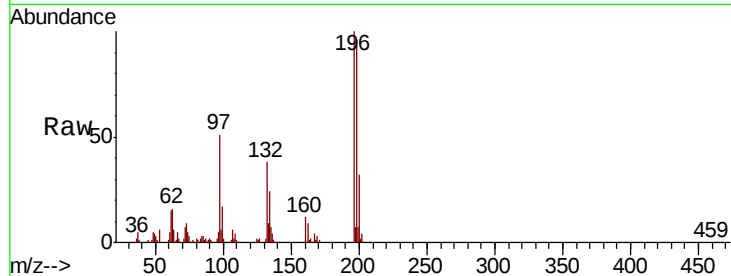




#43
 2,4,6-Trichlorophenol
 Concen: 40.464 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043489.D
 Acq: 4 Nov 2019 20:24

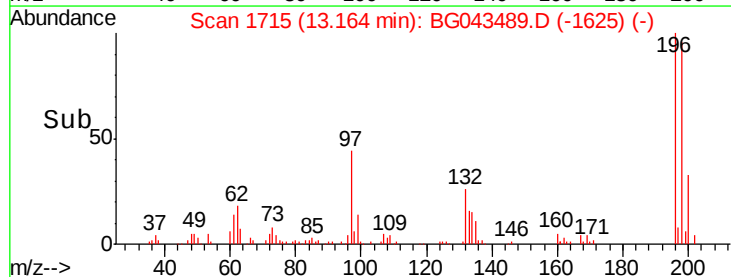
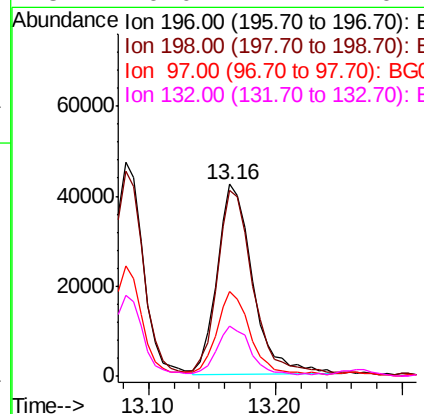
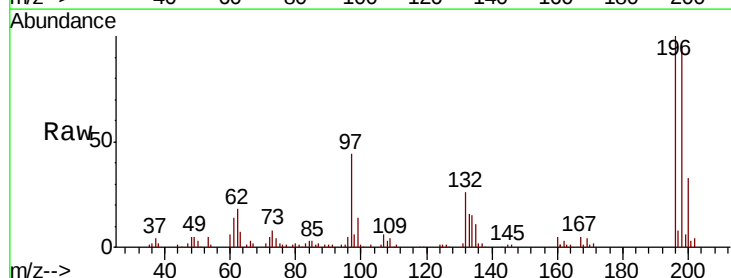
Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMS

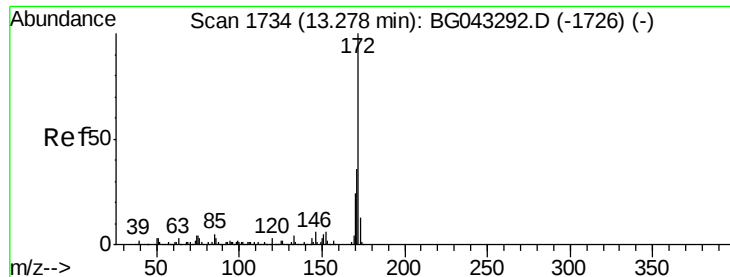
Tot Ion:196 Resp: 79010
 Ion Ratio Lower Upper
 196 100
 198 96.1 75.8 113.6
 200 31.6 23.9 35.9



#44
 2,4,5-Trichlorophenol
 Concen: 41.705 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043489.D
 Acq: 4 Nov 2019 20:24

Tgt Ion:196 Resp: 82326
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.5 111.7
 97 44.0 36.3 54.5
 132 26.0 17.4 26.2





#45

2-Fluorobiphenyl

Concen: 73.404 ng

RT: 13.26 min Scan# 1732

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

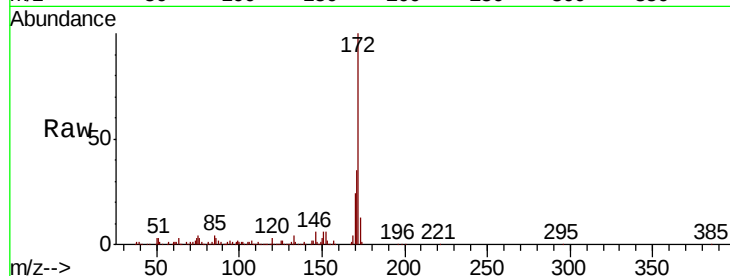
Tot Ion:172 Resp: 475921

Ion Ratio Lower Upper

172 100

171 35.0 28.9 43.3

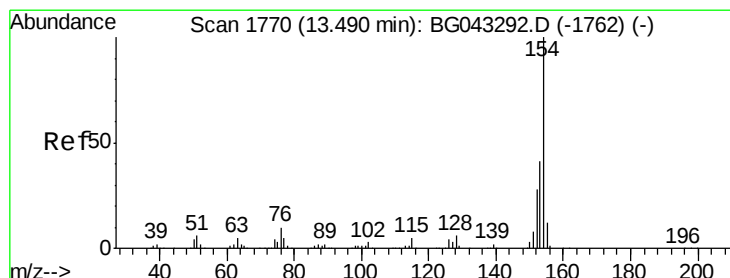
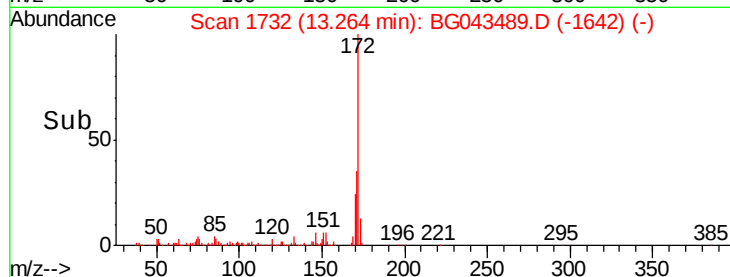
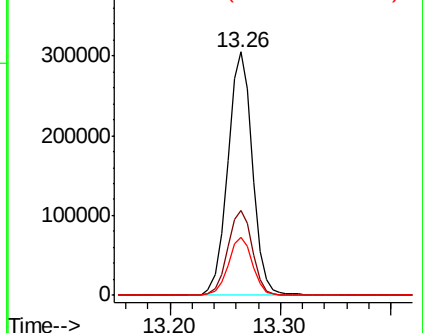
170 24.1 18.5 27.7



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: 36.954 ng

RT: 13.48 min Scan# 1768

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

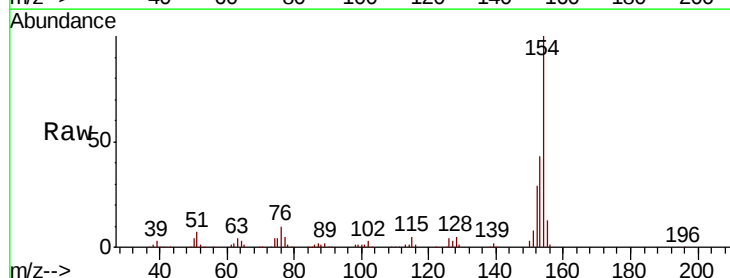
Tgt Ion:154 Resp: 251860

Ion Ratio Lower Upper

154 100

153 43.0 19.9 59.9

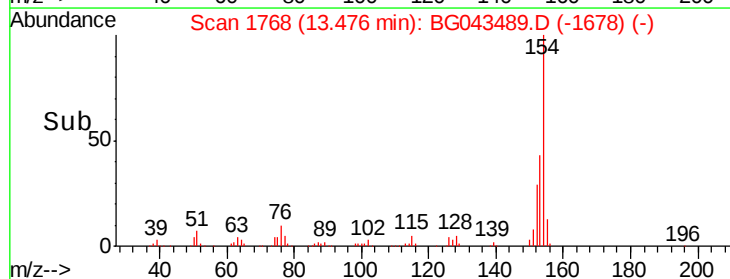
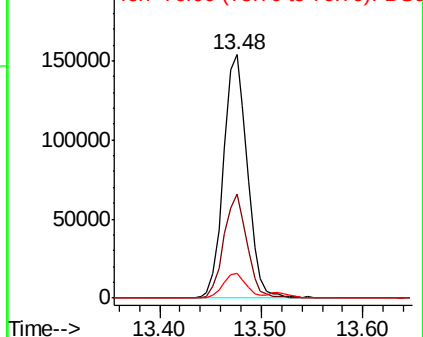
76 10.3 0.0 29.4

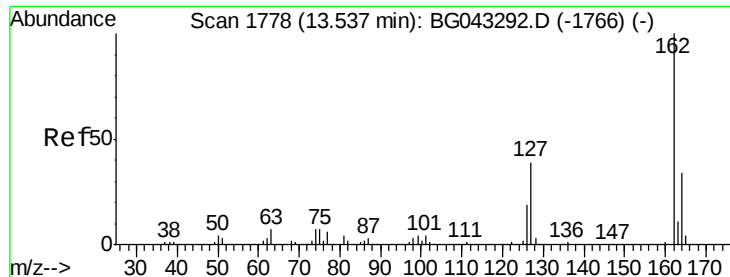


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG





#47

2-Chloronaphthalene

Concen: 37.294 ng

RT: 13.52 min Scan# 1775

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

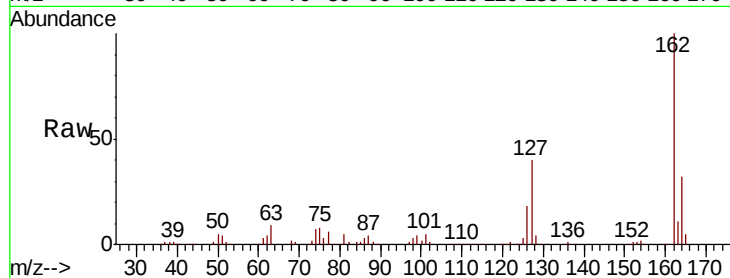
Tot Ion:162 Resp: 193395

Ion Ratio Lower Upper

162 100

127 39.6 31.2 46.8

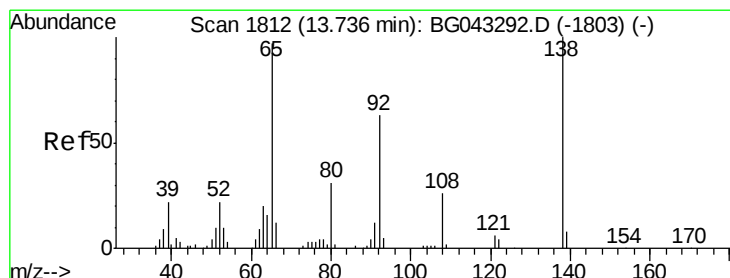
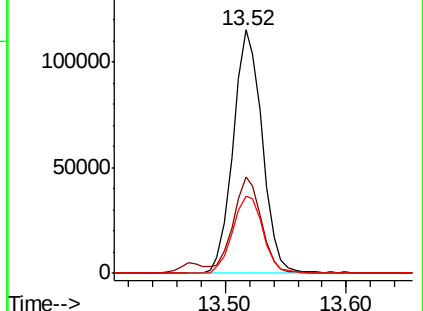
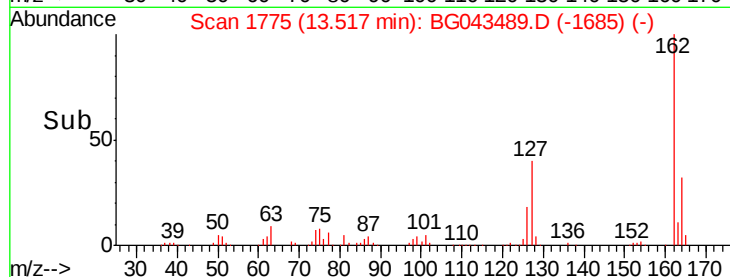
164 32.0 25.8 38.8



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 38.035 ng

RT: 13.73 min Scan# 1811

Delta R.T. 0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

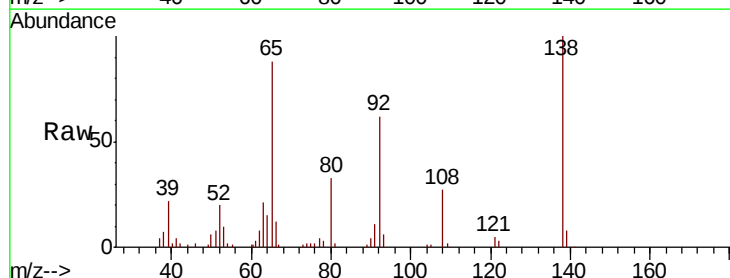
Tgt Ion: 65 Resp: 58950

Ion Ratio Lower Upper

65 100

92 71.2 56.2 84.2

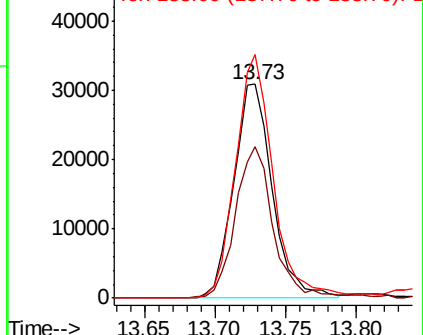
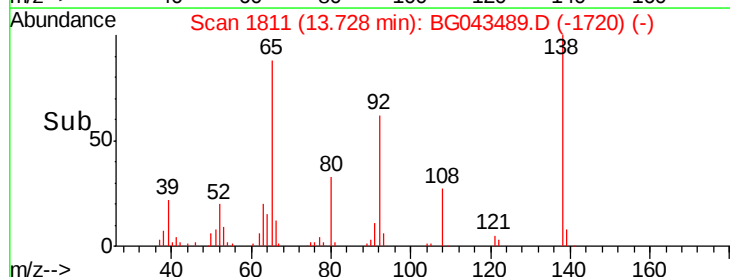
138 113.9 82.6 123.8

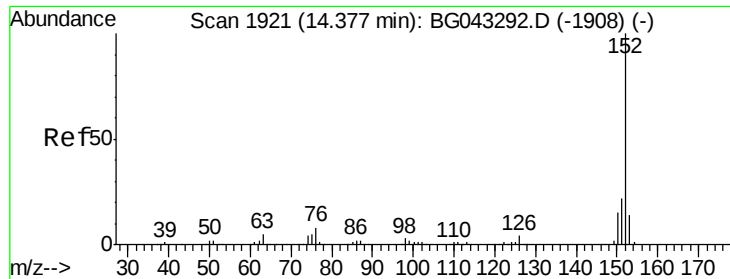


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 40.806 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

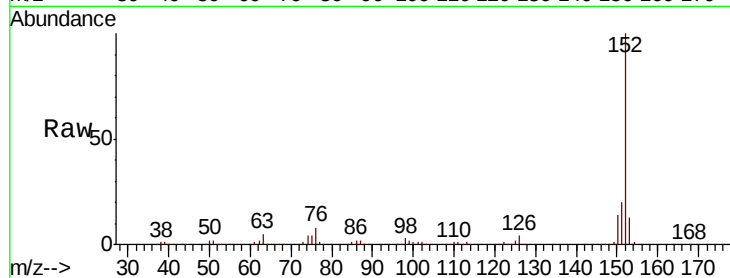
Tot Ion:152 Resp: 329341

Ion Ratio Lower Upper

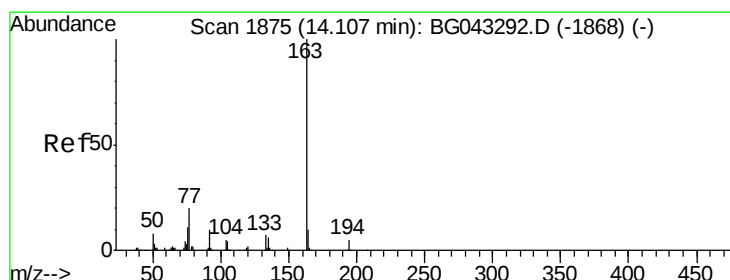
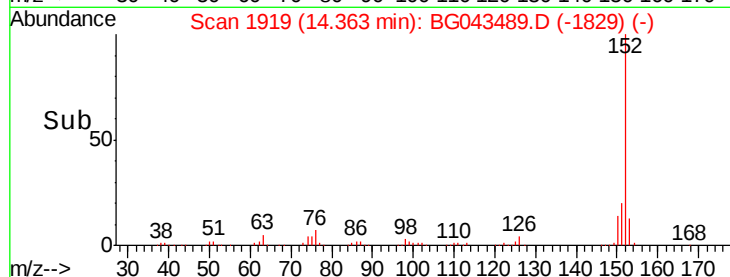
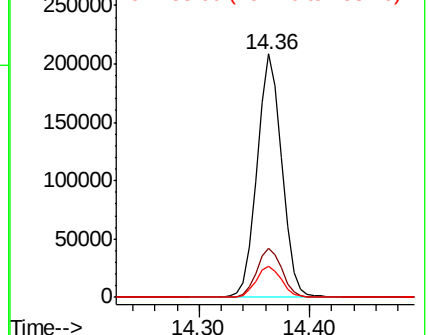
152 100

151 20.2 16.2 24.4

153 12.7 10.6 15.8



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: 47.307 ng

RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

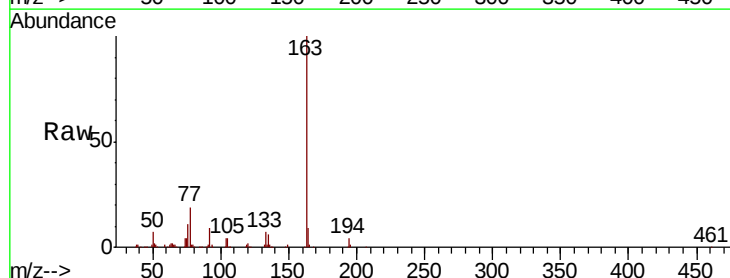
Tgt Ion:163 Resp: 328282

Ion Ratio Lower Upper

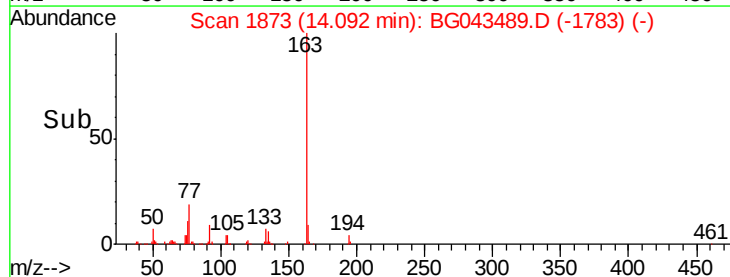
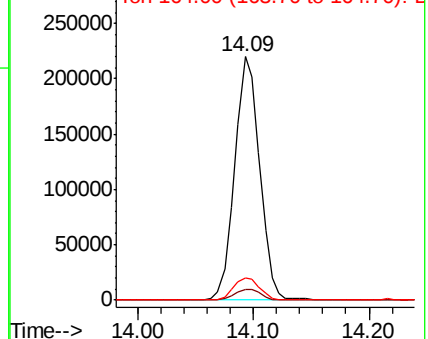
163 100

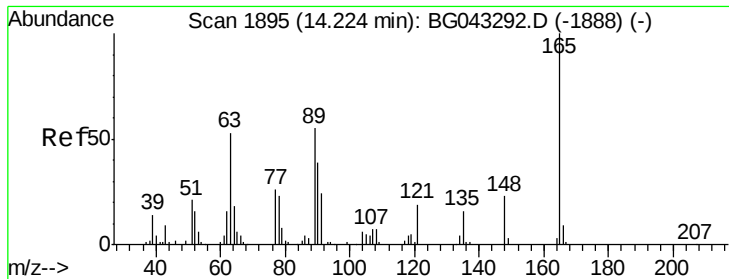
194 4.3 3.8 5.6

164 9.4 8.9 13.3



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: 40.436 ng

RT: 14.22 min Scan# 1894

Delta R.T. 0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

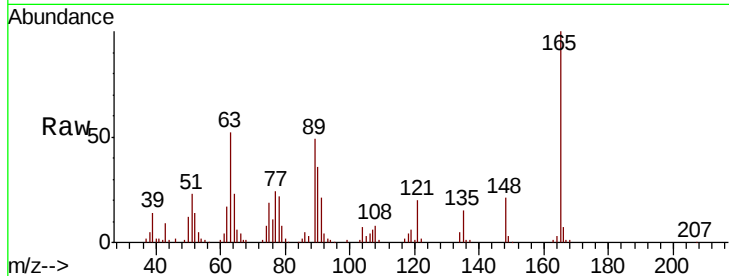
Tot Ion:165 Resp: 60960

Ion Ratio Lower Upper

165 100

63 52.4 46.6 69.8

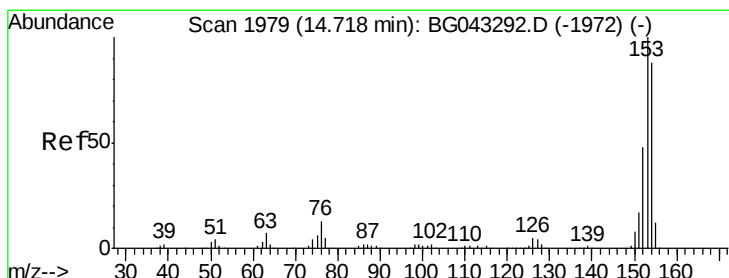
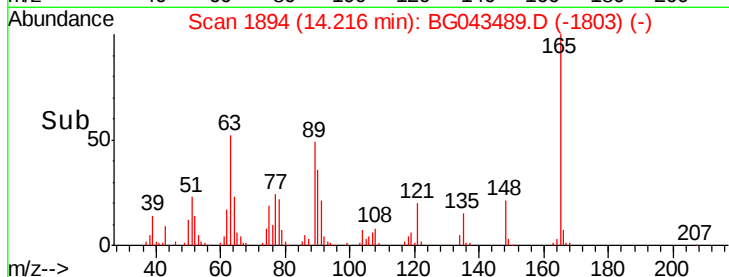
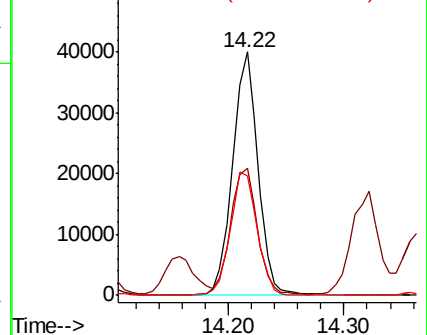
89 49.1 45.1 67.7



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: 39.076 ng

RT: 14.70 min Scan# 1977

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

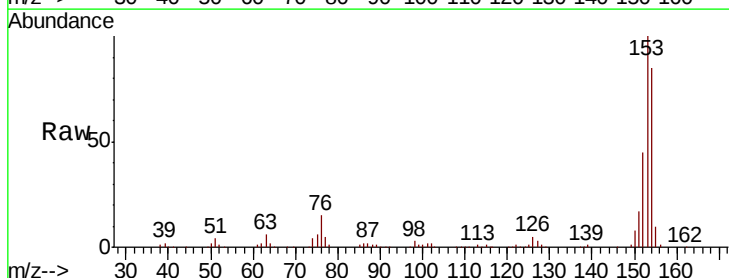
Tgt Ion:154 Resp: 192325

Ion Ratio Lower Upper

154 100

153 118.2 88.2 132.2

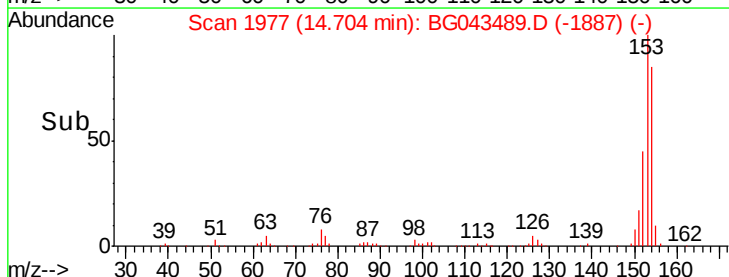
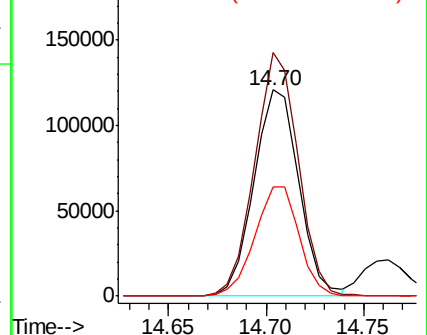
152 52.9 40.0 60.0

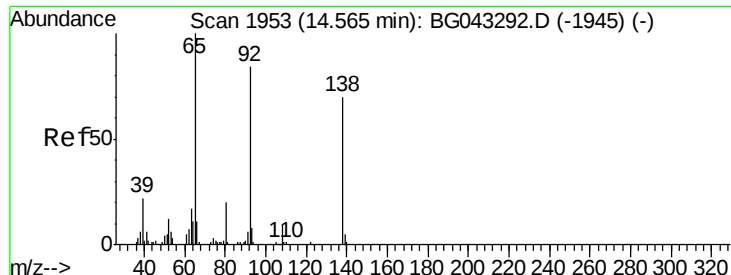


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

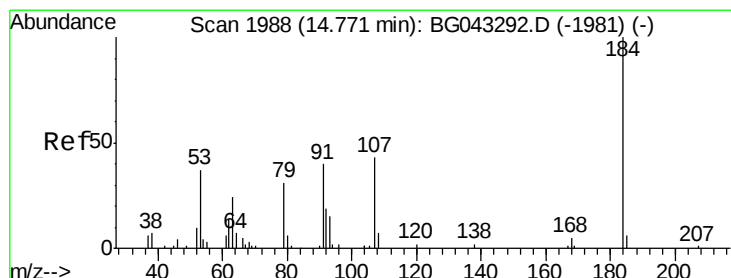
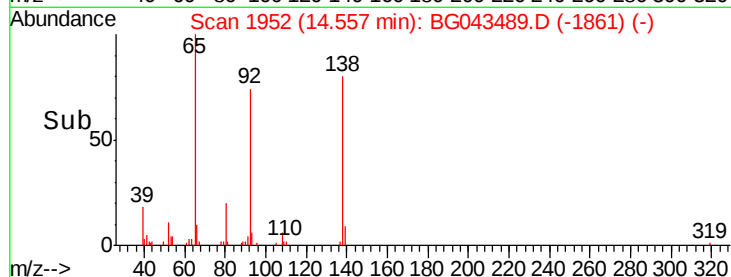
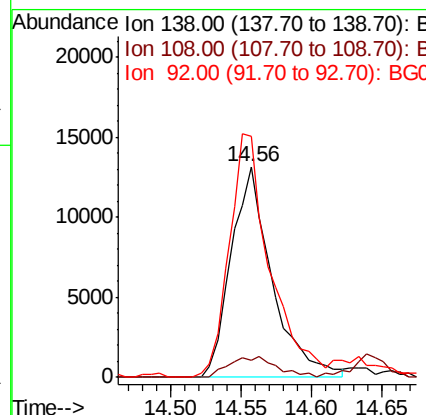
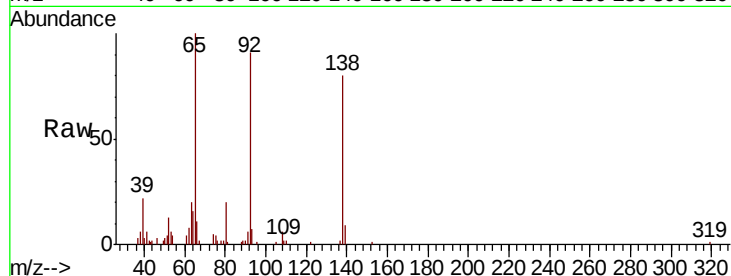




#53
3-Nitroaniline
Concen: 18.229 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

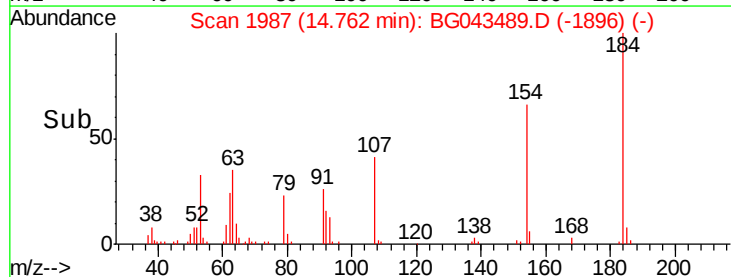
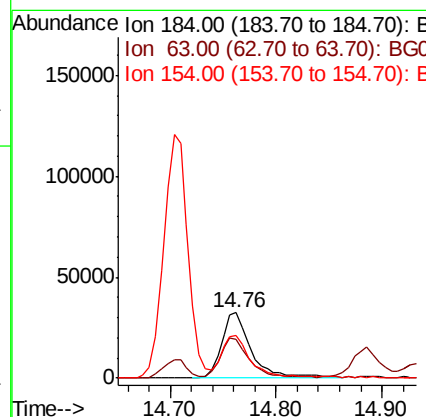
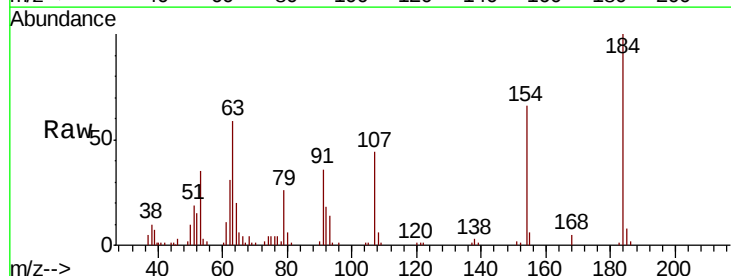
Instrument :
BNA_G
ClientSampleId :
TP-30-SMS

Tot Ion:138 Resp: 26532
Ion Ratio Lower Upper
138 100
108 7.9 8.0 12.0#
92 114.6 90.9 136.3



#54
2,4-Dinitrophenol
Concen: 68.716 ng
RT: 14.76 min Scan# 1987
Delta R.T. 0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Tgt Ion:184 Resp: 63625
Ion Ratio Lower Upper
184 100
63 59.0 51.3 76.9
154 66.0 55.4 83.0





#55

Dibenzofuran

Concen: 39.665 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

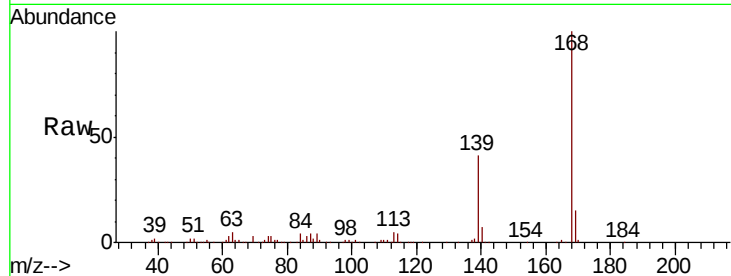
Tot Ion:168 Resp: 316593

Ion Ratio Lower Upper

168 100

139 41.1 31.0 46.6

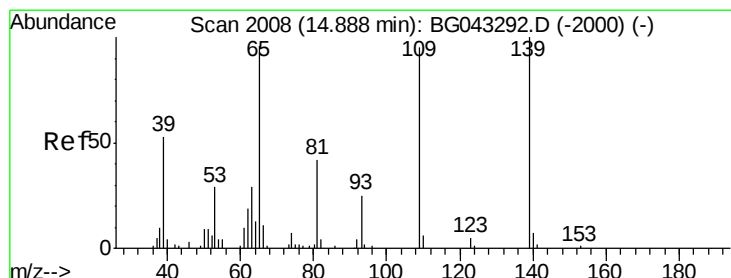
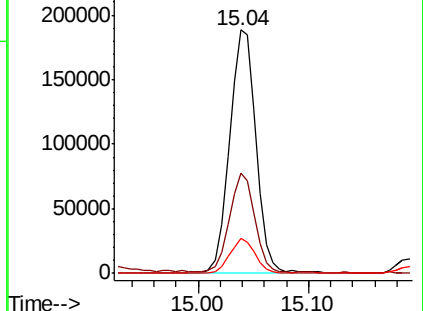
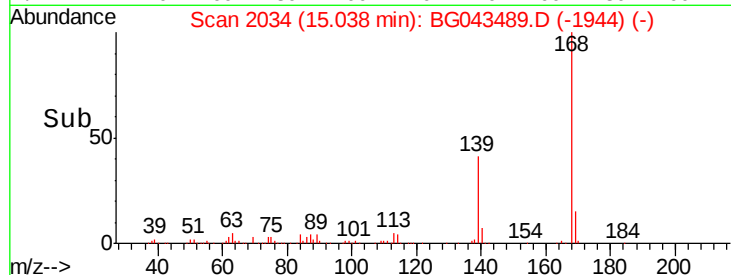
169 14.6 11.7 17.5



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: 98.064 ng

RT: 14.89 min Scan# 2008

Delta R.T. 0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

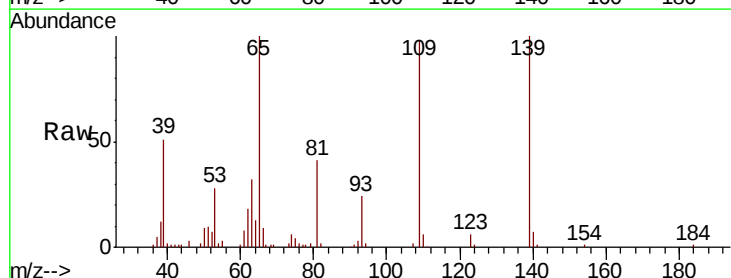
Tgt Ion:139 Resp: 95651

Ion Ratio Lower Upper

139 100

109 98.0 87.2 127.2

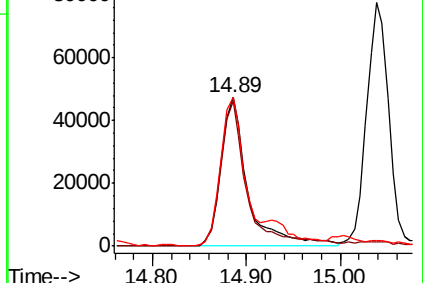
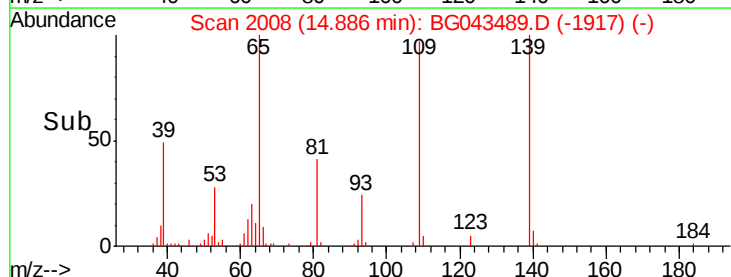
65 100.3 83.8 123.8

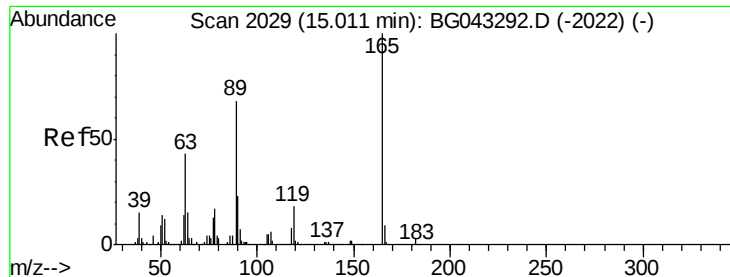


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC

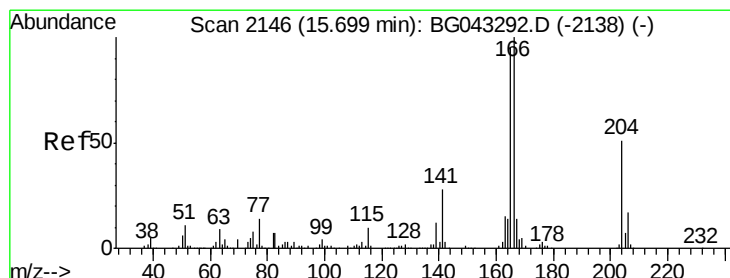
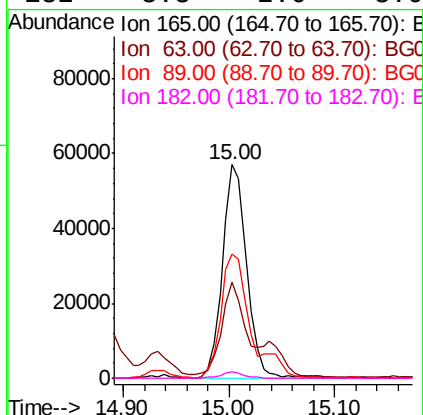
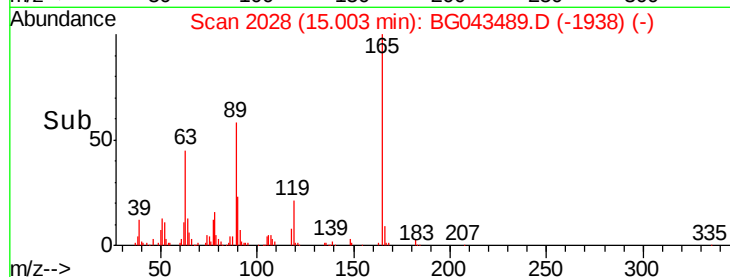
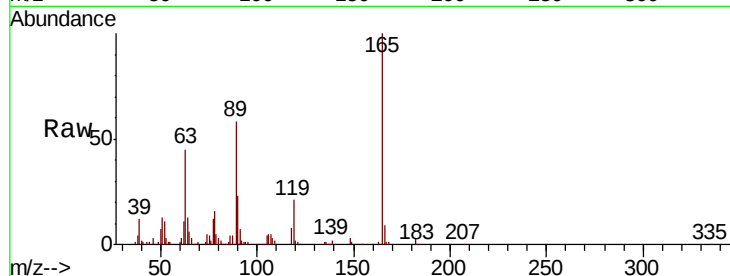




#57
2,4-Dinitrotoluene
Concen: 42.115 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

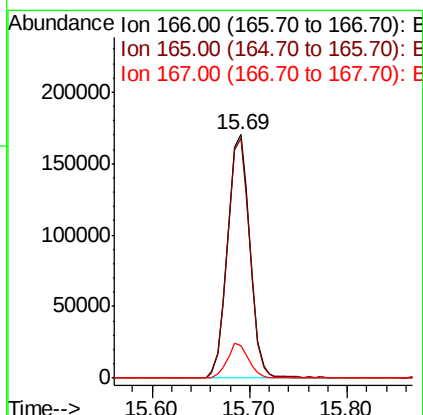
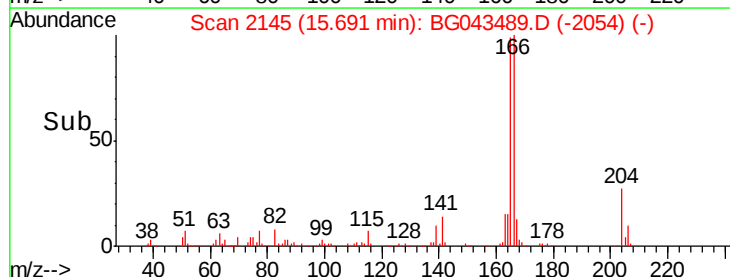
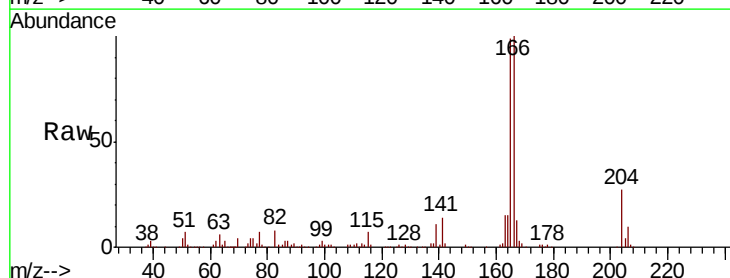
Instrument :
BNA_G
ClientSampleId :
TP-30-SMS

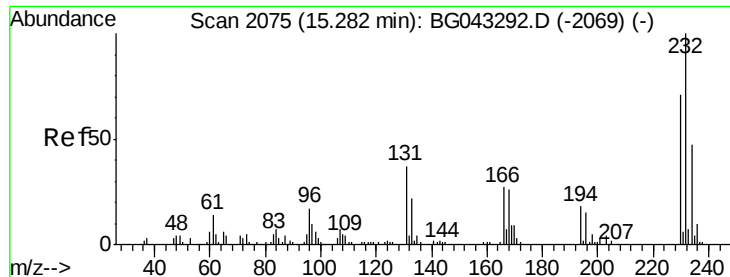
Tot Ion:165 Resp: 90735
Ion Ratio Lower Upper
165 100
63 44.9 33.2 49.8
89 58.3 52.2 78.4
182 3.3 2.0 3.0#



#58
Fluorene
Concen: 40.170 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Tgt Ion:166 Resp: 268911
Ion Ratio Lower Upper
166 100
165 98.6 79.0 118.6
167 13.1 10.5 15.7

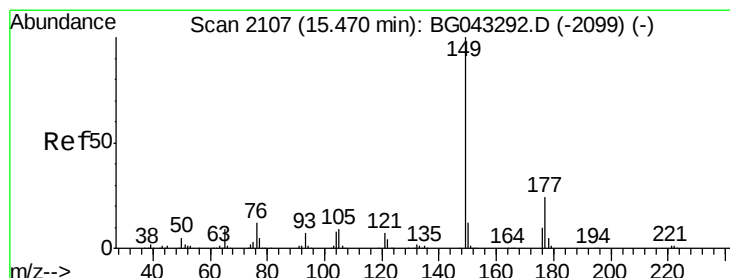
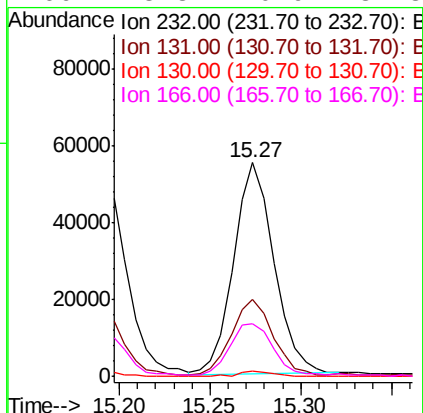
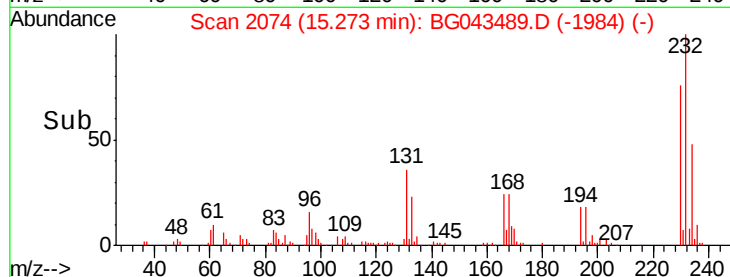
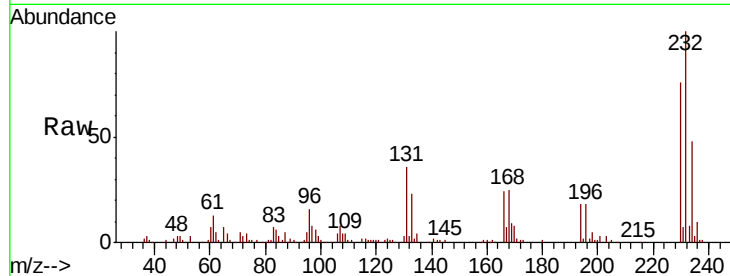




#59
2,3,4,6-Tetrachlorophenol
Concen: 40.810 ng
RT: 15.27 min Scan# 2074
Delta R.T. -0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

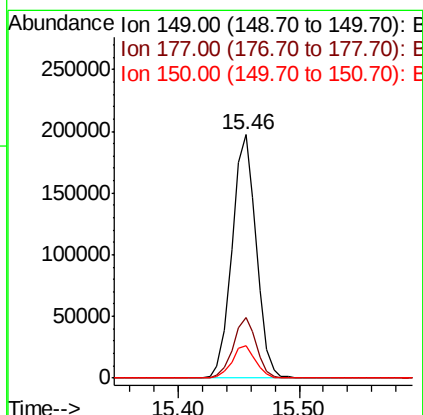
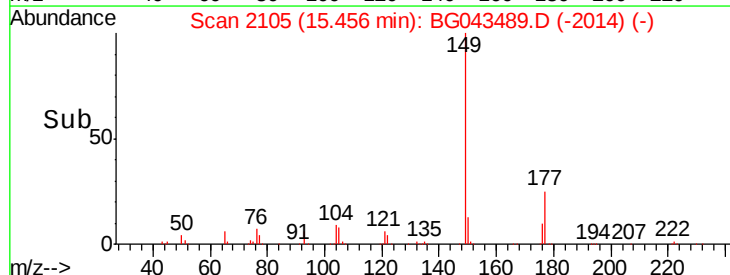
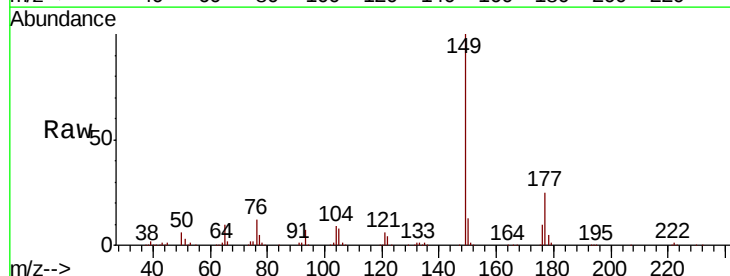
Instrument :
BNA_G
ClientSampleId :
TP-30-SMS

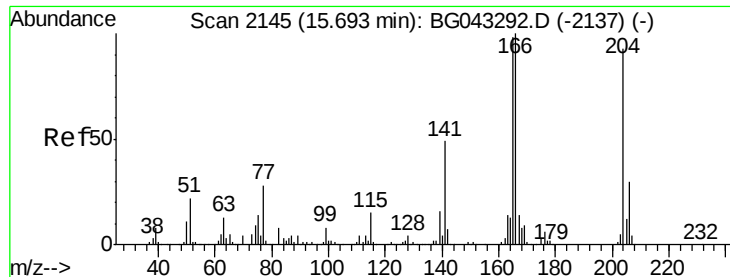
Tot Ion	Ratio	Lower	Upper
232	100		
131	37.9	26.9	40.3
130	2.0	1.8	2.6
166	28.3	20.9	31.3



#60
Diethylphthalate
Concen: 39.285 ng
RT: 15.46 min Scan# 2105
Delta R.T. 0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.9	19.6	29.4
150	13.3	10.8	16.2

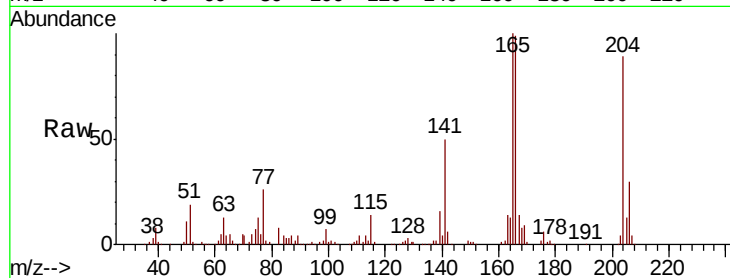




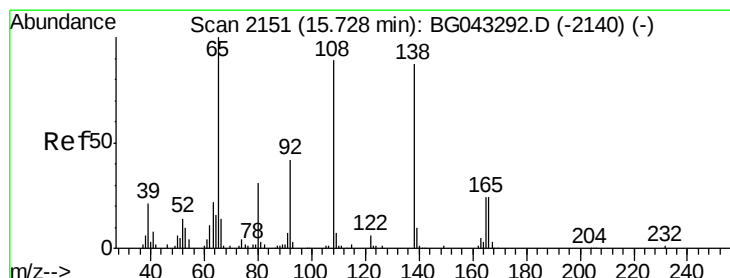
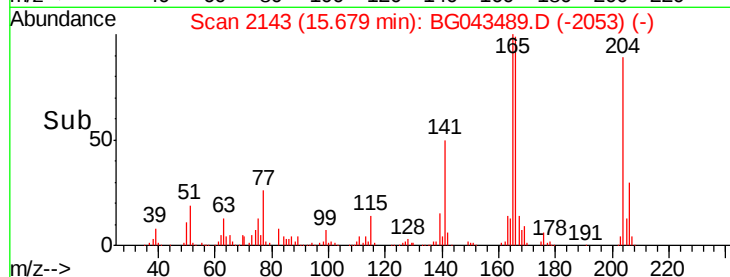
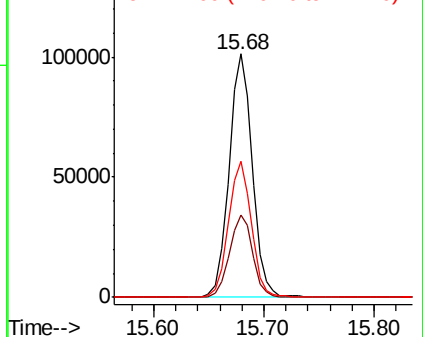
#61
4-Chlorophenyl-phenylether
Concen: 38.135 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Instrument :
BNA_G
ClientSampleId :
TP-30-SMS

Tot Ion:204 Resp: 148929
Ion Ratio Lower Upper
204 100
206 33.6 28.4 42.6
141 55.9 43.0 64.6

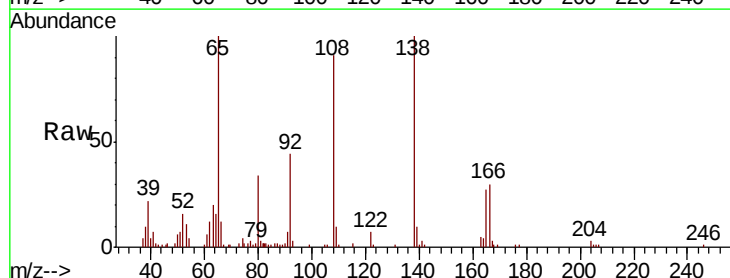


Abundance Ion 204.00 (203.70 to 204.70): E
Ion 206.00 (205.70 to 206.70): E
Ion 141.00 (140.70 to 141.70): E

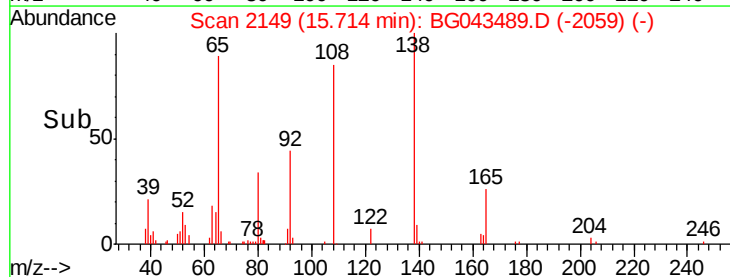
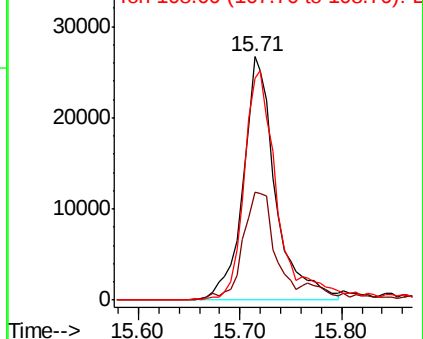


#62
4-Nitroaniline
Concen: 39.334 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Tgt Ion:138 Resp: 59126
Ion Ratio Lower Upper
138 100
92 44.2 33.4 73.4
108 91.1 78.0 118.0



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

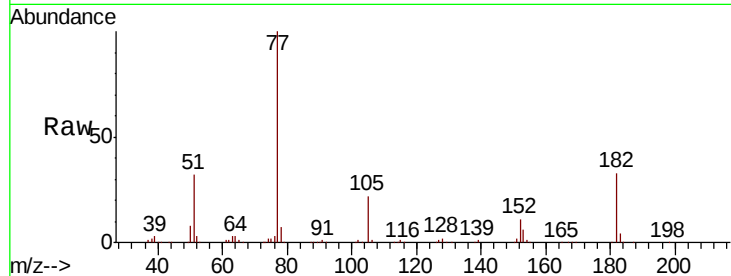




#63
Azobenzene
Concen: 40.008 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Instrument :
BNA_G
ClientSampleId :
TP-30-SMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	33.2	13.7	53.7
105	21.9	0.4	40.4
51	32.1	11.0	51.0



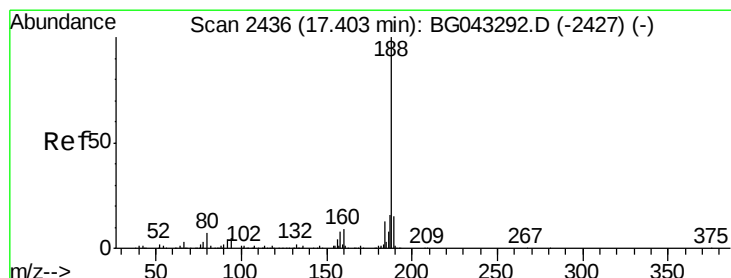
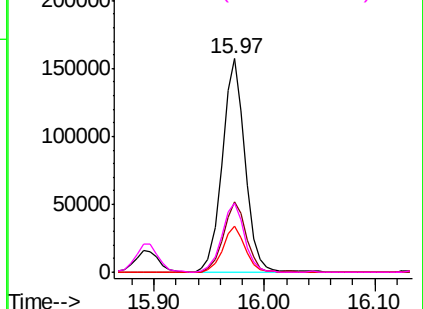
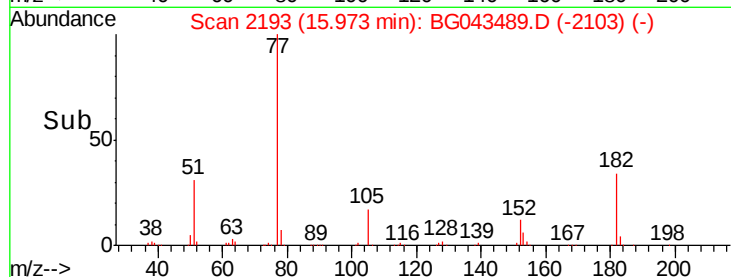
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

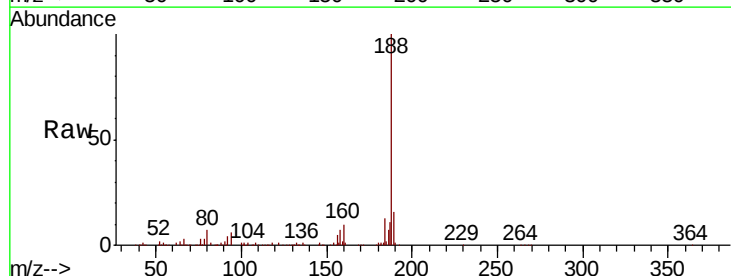
Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Tgt Ion	Ratio	Lower	Upper
188	100		
94	6.2	4.2	6.4
80	6.8	4.5	6.7#

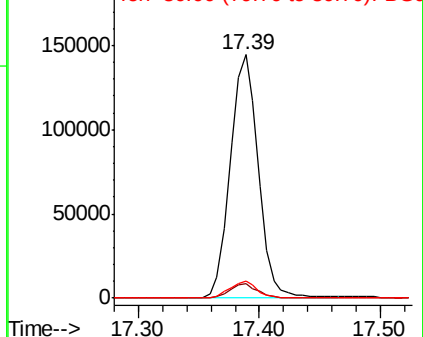
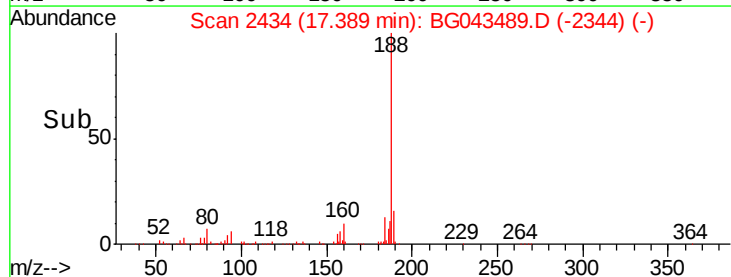


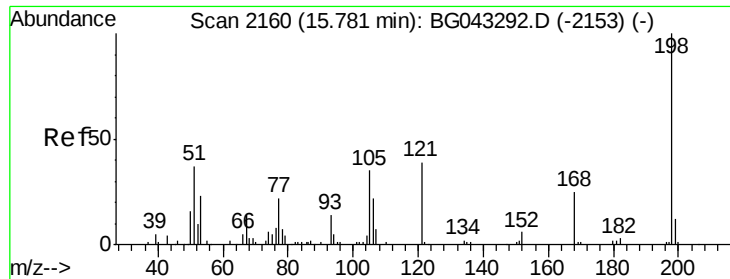
Abundance

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

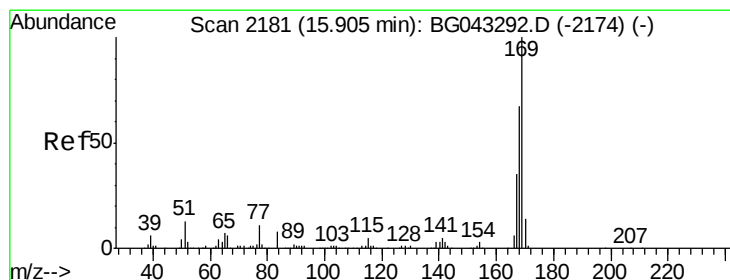
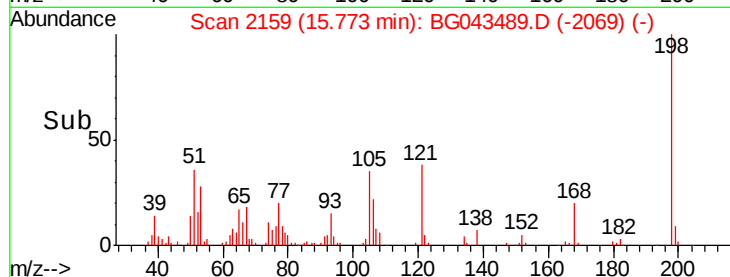
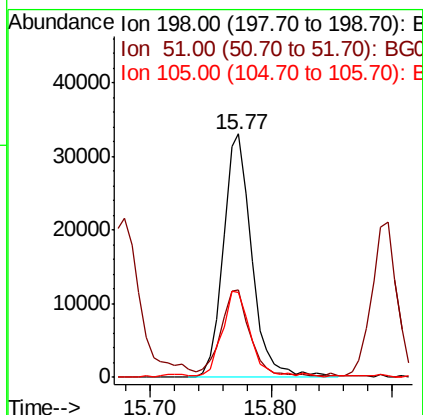
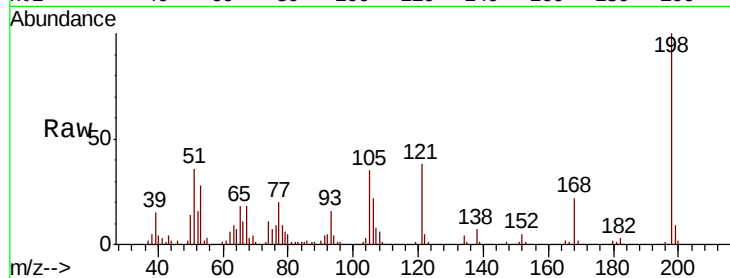




#65
4,6-Dinitro-2-methylphenol
Concen: 39.188 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

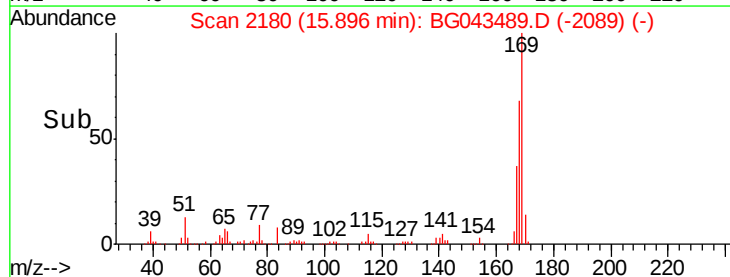
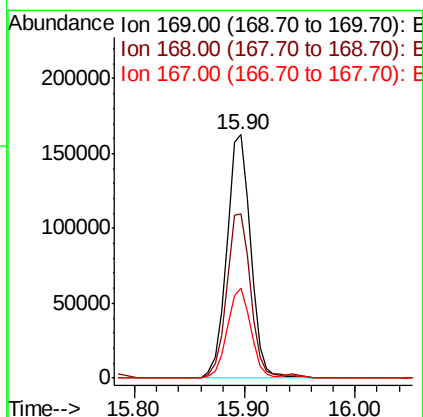
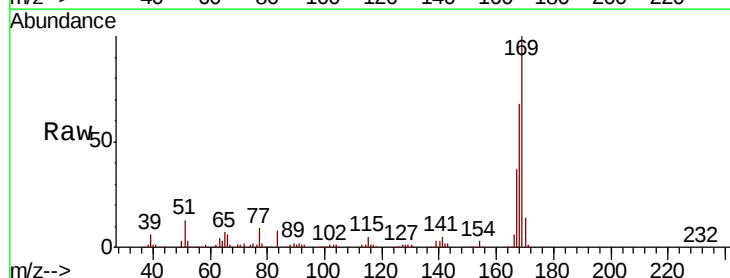
Instrument :
BNA_G
ClientSampleId :
TP-30-SMS

Tot Ion:198 Resp: 54030
Ion Ratio Lower Upper
198 100
51 36.0 13.2 53.2
105 34.9 15.8 55.8



#66
n-Nitrosodiphenylamine
Concen: 37.375 ng
RT: 15.90 min Scan# 2180
Delta R.T. 0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Tgt Ion:169 Resp: 247213
Ion Ratio Lower Upper
169 100
168 67.7 53.8 80.6
167 37.1 27.5 41.3

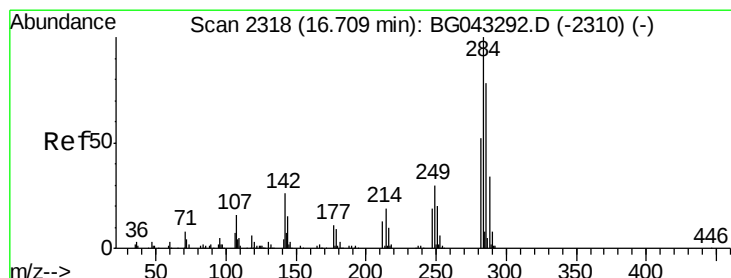
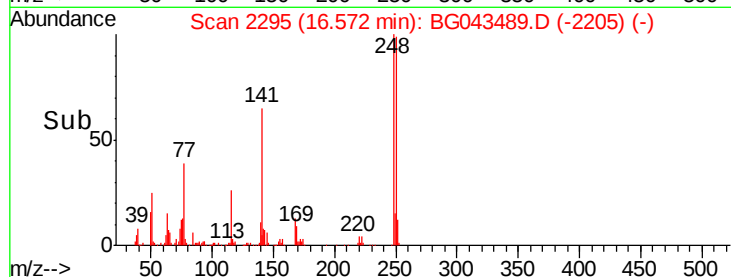
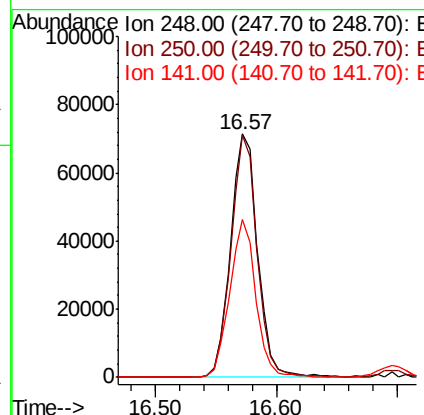
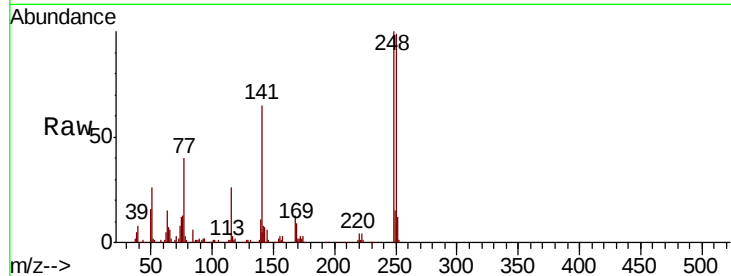




#67
4-Bromophenyl-phenylether
Concen: 35.218 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

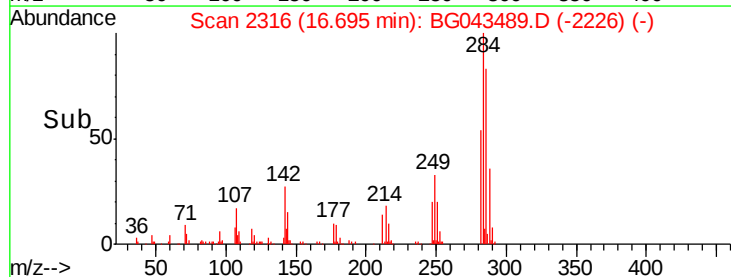
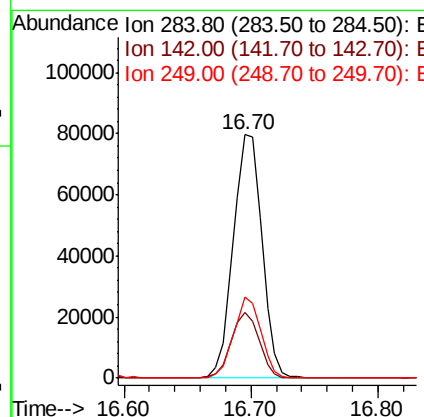
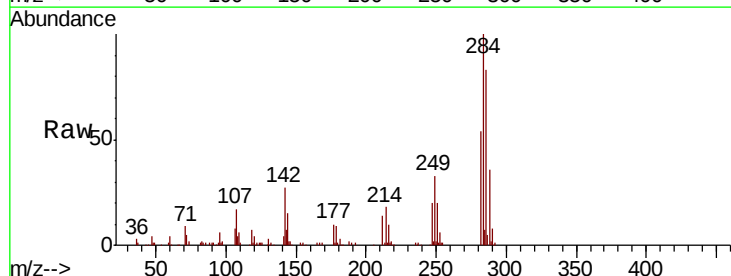
Instrument :
BNA_G
ClientSampleId :
TP-30-SMS

Tot Ion:248 Resp: 111038
Ion Ratio Lower Upper
248 100
250 99.5 77.0 115.4
141 64.9 47.5 71.3



#68
Hexachlorobenzene
Concen: 34.470 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Tgt Ion:284 Resp: 124750
Ion Ratio Lower Upper
284 100
142 27.2 19.8 29.8
249 33.3 23.8 35.6

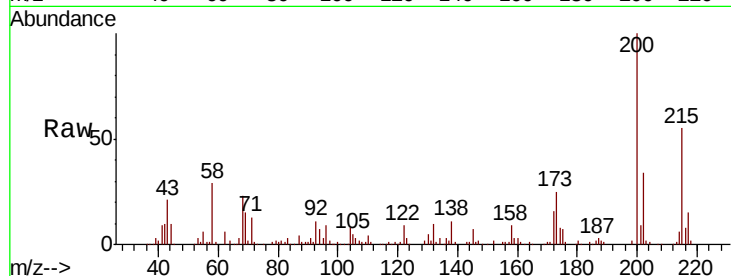




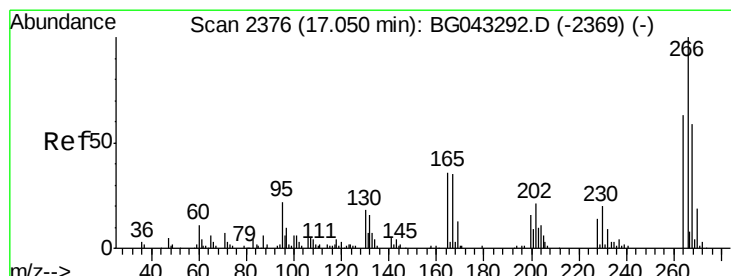
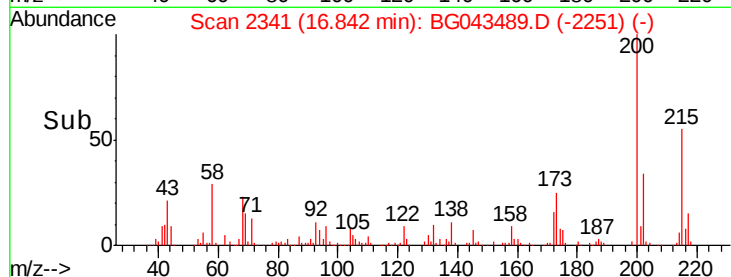
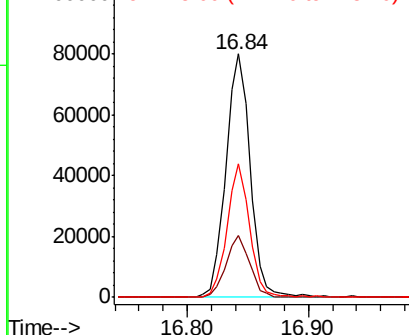
#69
 Atrazine
 Concen: 48.839 ng
 RT: 16.84 min Scan# 2341
 Delta R.T. -0.00 min
 Lab File: BG043489.D
 Acq: 4 Nov 2019 20:24

Instrument :
 BNA_G
 ClientSampled :
 TP-30-SMS

Tot Ion:200 Resp: 112249
 Ion Ratio Lower Upper
 200 100
 173 25.2 4.7 44.7
 215 54.8 28.5 68.5

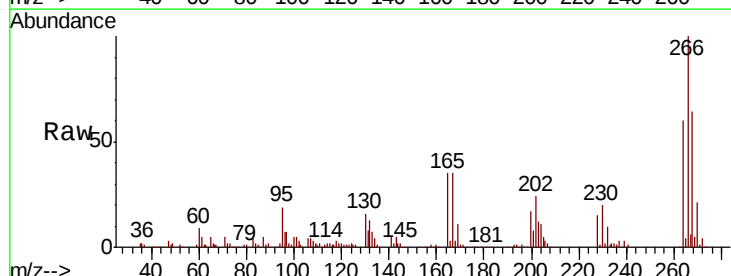


Abundance Ion 200.00 (199.70 to 200.70): E
 Ion 173.00 (172.70 to 173.70): E
 Ion 215.00 (214.70 to 215.70): E

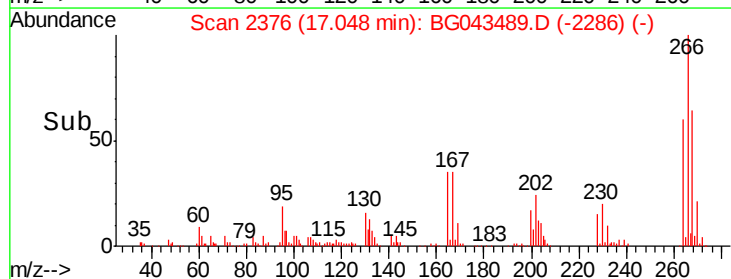
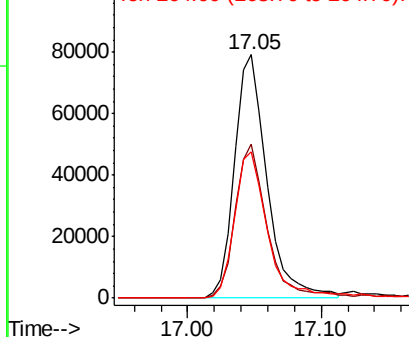


#70
 Pentachlorophenol
 Concen: 81.108 ng
 RT: 17.05 min Scan# 2376
 Delta R.T. -0.00 min
 Lab File: BG043489.D
 Acq: 4 Nov 2019 20:24

Tgt Ion:266 Resp: 133754
 Ion Ratio Lower Upper
 266 100
 268 63.5 50.4 75.6
 264 60.1 48.9 73.3



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: 38.265 ng

RT: 17.43 min Scan# 2441

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

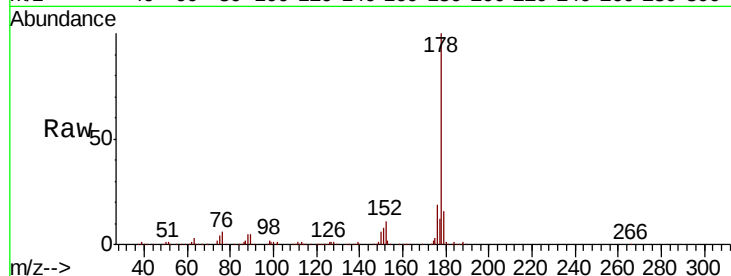
Tot Ion:178 Resp: 459060

Ion Ratio Lower Upper

178 100

176 18.7 15.4 23.0

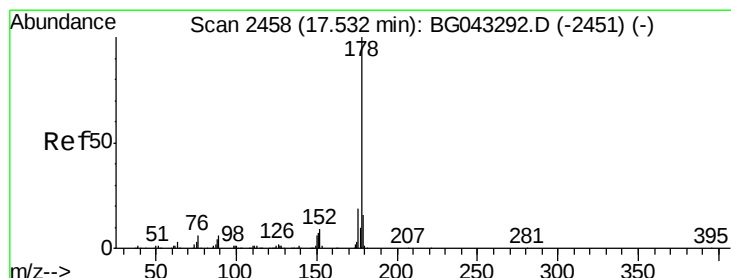
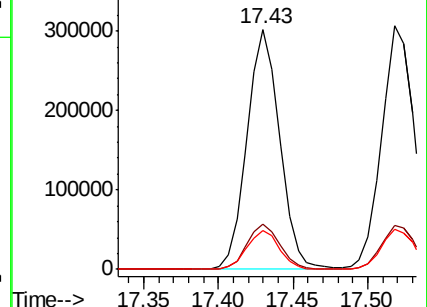
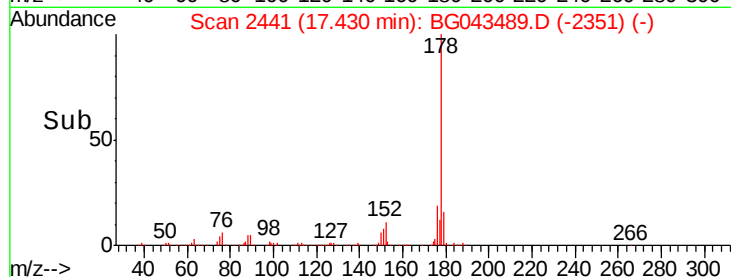
179 15.9 13.0 19.6



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



#72

Anthracene

Concen: 39.279 ng

RT: 17.52 min Scan# 2456

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

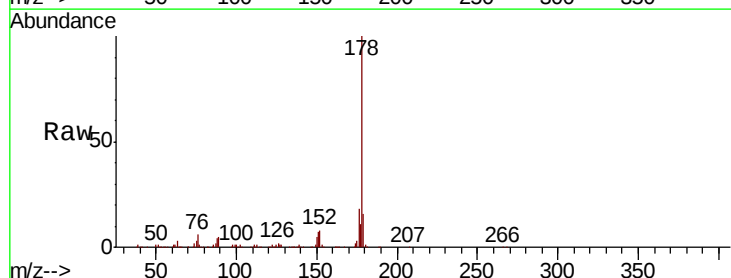
Tgt Ion:178 Resp: 471464

Ion Ratio Lower Upper

178 100

176 17.9 15.5 23.3

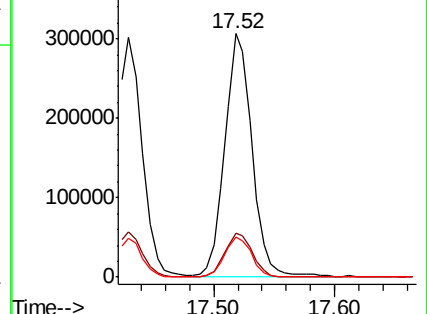
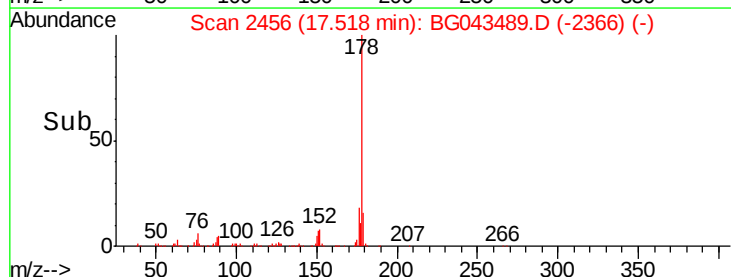
179 16.3 13.7 20.5



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

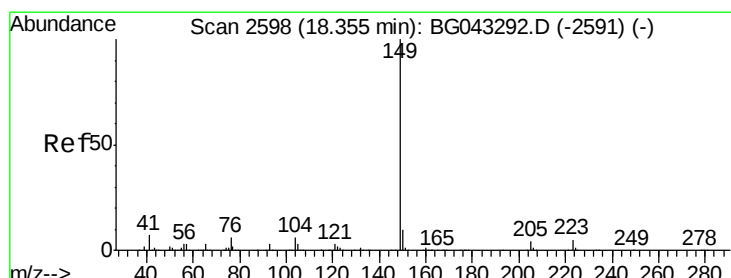
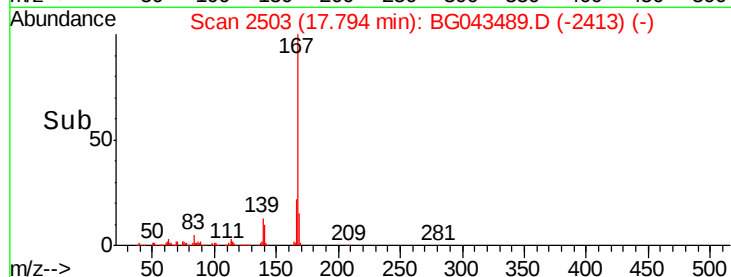
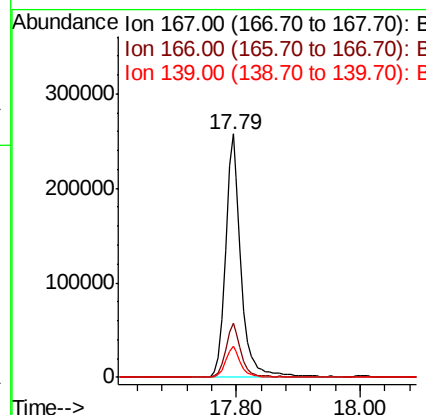
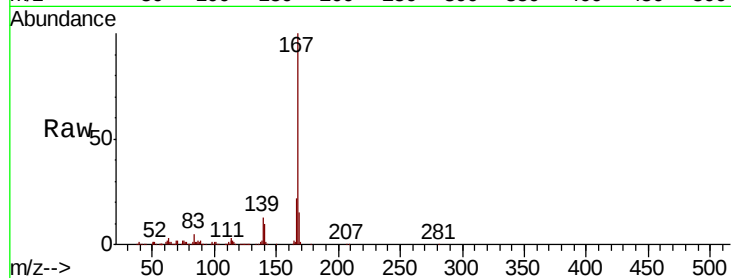




#73
 Carbazole
 Concen: 41.119 ng
 RT: 17.79 min Scan# 2503
 Delta R.T. -0.00 min
 Lab File: BG043489.D
 Acq: 4 Nov 2019 20:24

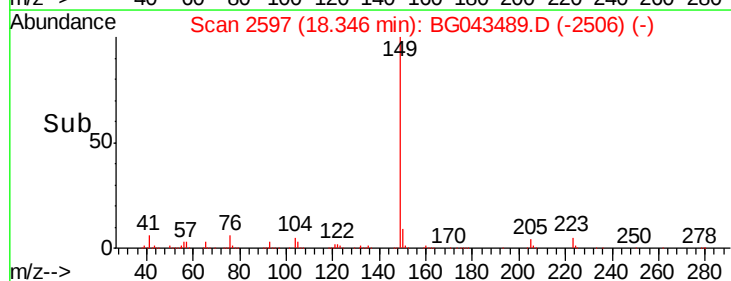
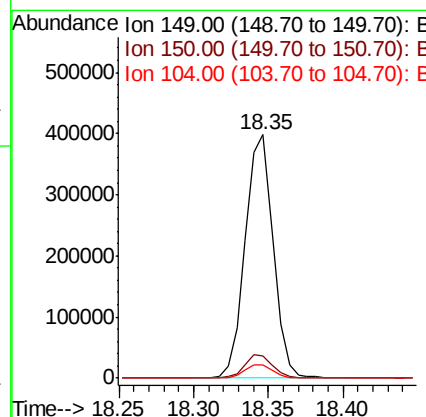
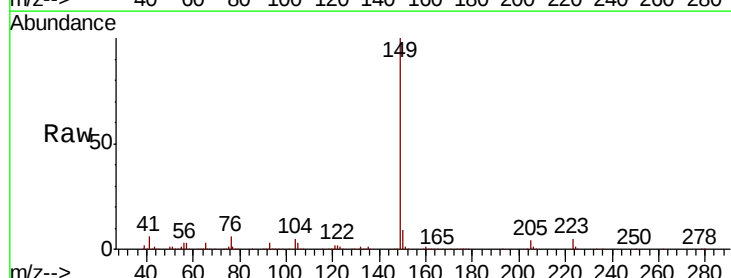
Instrument :
 BNA_G
 ClientSampleId :
 TP-30-SMS

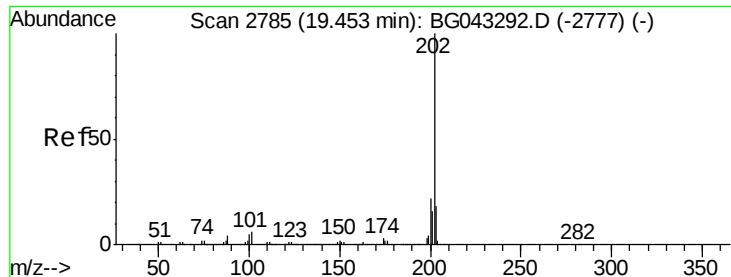
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.1	18.7	28.1
139	12.9	10.0	15.0



#74
 Di-n-butylphthalate
 Concen: 39.218 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. 0.00 min
 Lab File: BG043489.D
 Acq: 4 Nov 2019 20:24

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.0	12.0
104	5.4	4.4	6.6





#75

Fluoranthene

Concen: 40.792 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

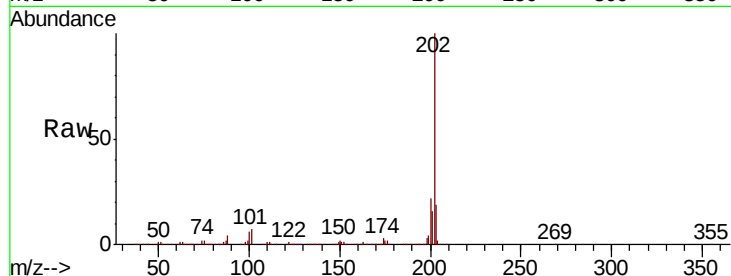
Tot Ion:202 Resp: 638004

Ion Ratio Lower Upper

202 100

101 7.0 0.0 26.3

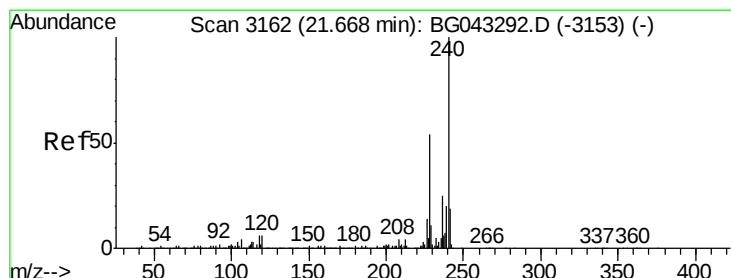
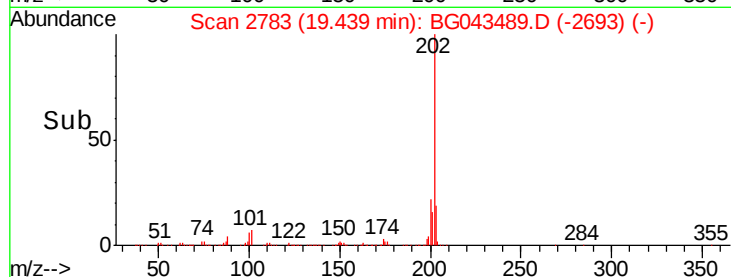
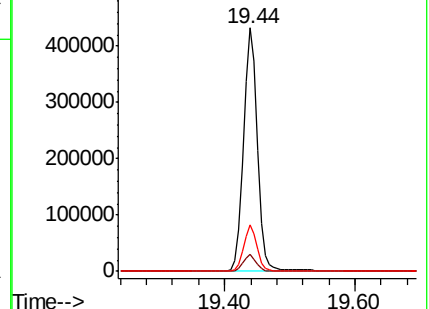
203 18.9 0.0 37.9



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: 21.65 min Scan# 3160

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

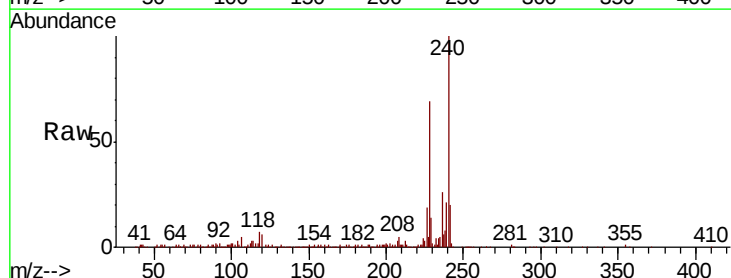
Tgt Ion:240 Resp: 277408

Ion Ratio Lower Upper

240 100

120 6.2 4.6 6.8

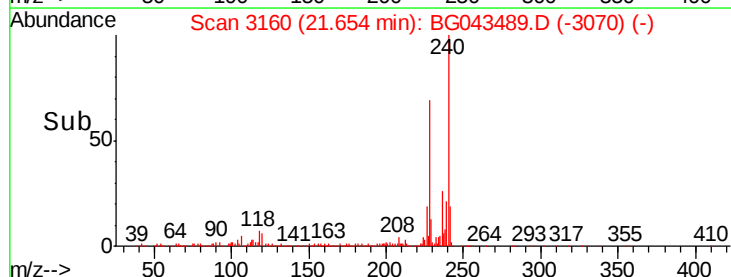
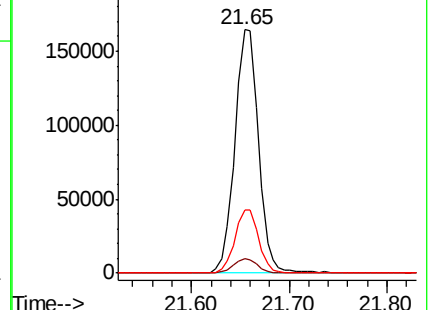
236 26.0 19.8 29.8

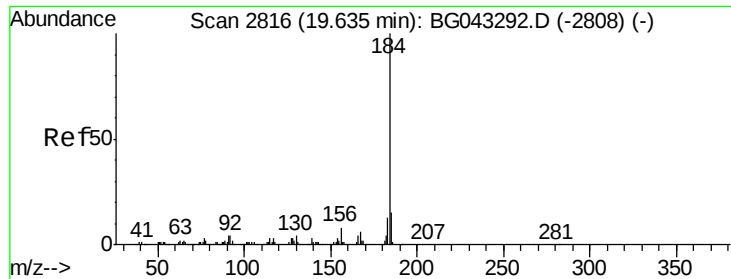


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 51.036 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

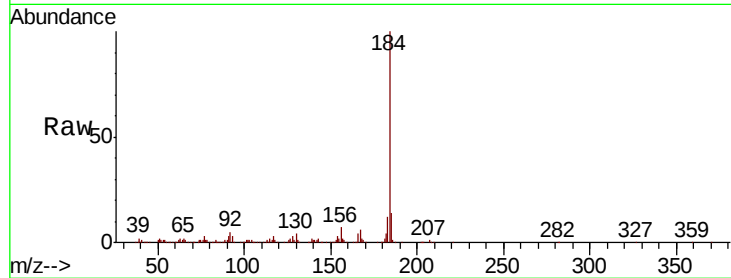
Tot Ion:184 Resp: 284929

Ion Ratio Lower Upper

184 100

185 13.8 11.0 16.4

183 12.2 10.0 15.0

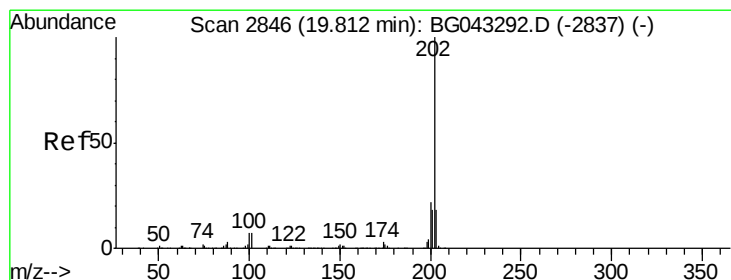
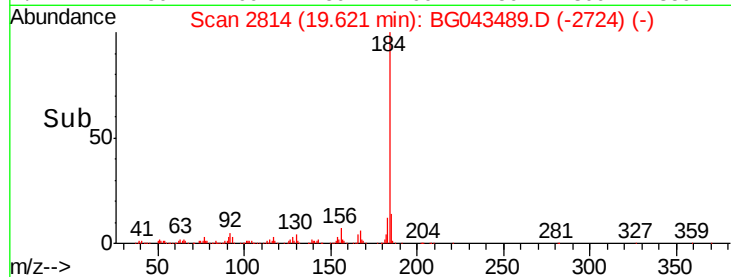
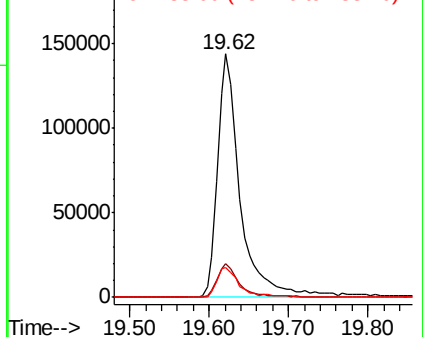


Abundance

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: 38.122 ng

RT: 19.80 min Scan# 2845

Delta R.T. 0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

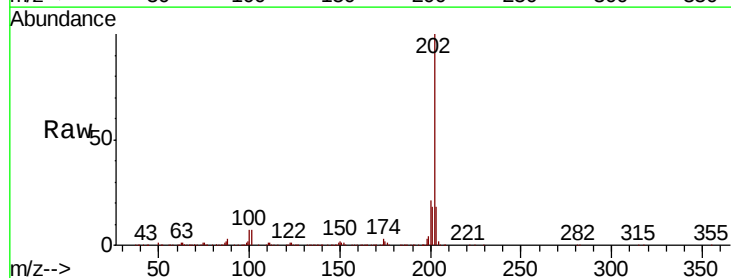
Tgt Ion:202 Resp: 654595

Ion Ratio Lower Upper

202 100

200 21.3 17.0 25.4

203 17.9 14.7 22.1

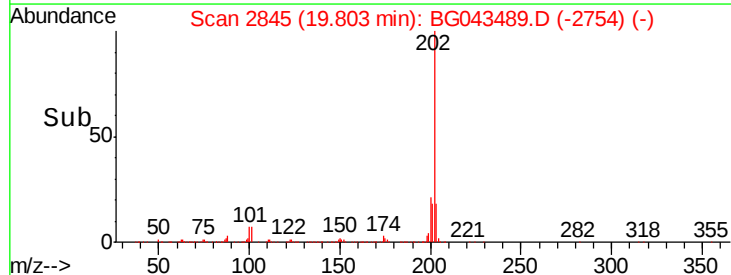
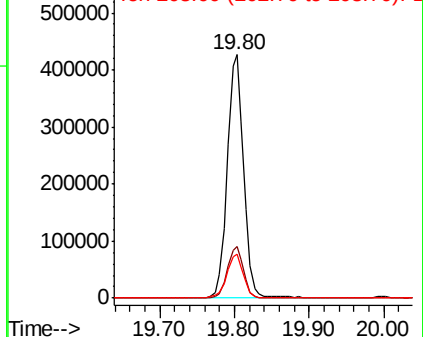


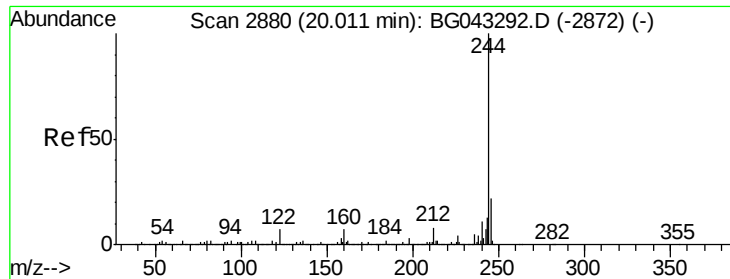
Abundance

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: 75.305 ng

RT: 20.00 min Scan# 2878

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

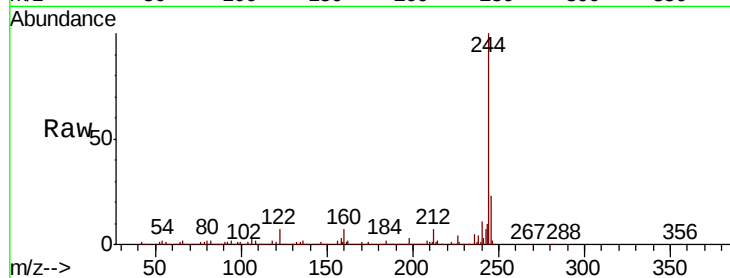
Tot Ion:244 Resp: 1113510

Ion Ratio Lower Upper

244 100

212 7.4 5.8 8.6

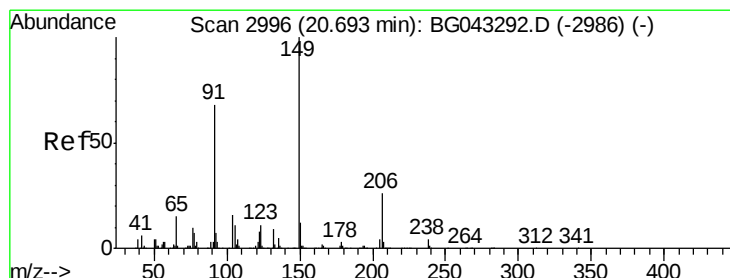
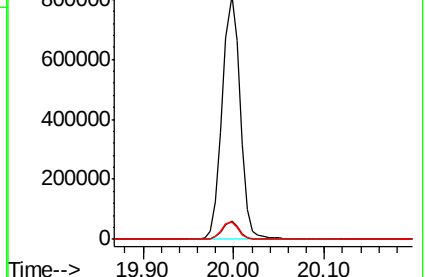
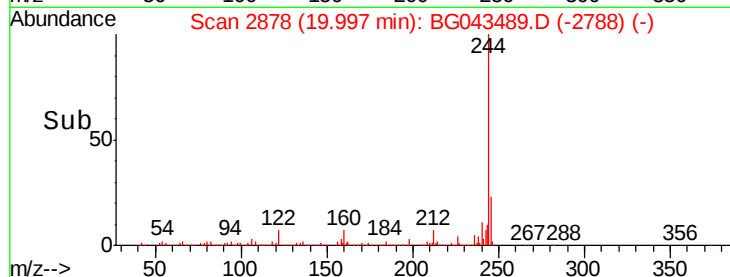
122 6.7 5.4 8.2



Abundance Ion 244.00 (243.70 to 244.70): E

Ion 212.00 (211.70 to 212.70): E

Ion 122.00 (121.70 to 122.70): E



#80

Butylbenzylphthalate

Concen: 38.326 ng

RT: 20.68 min Scan# 2995

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

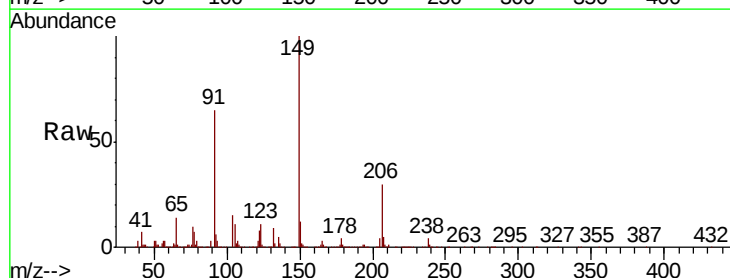
Tgt Ion:149 Resp: 249332

Ion Ratio Lower Upper

149 100

91 65.3 51.2 76.8

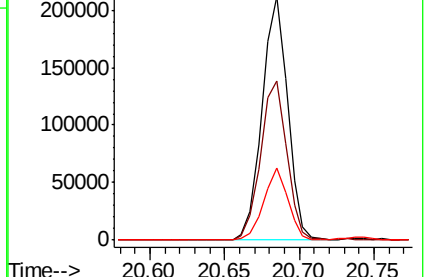
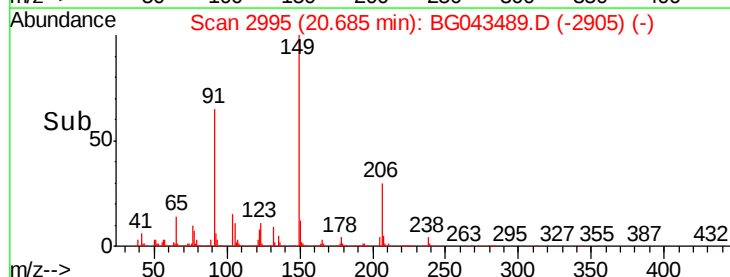
206 29.7 22.5 33.7

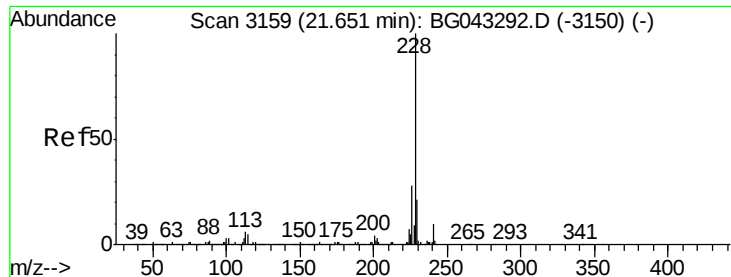


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 40.255 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

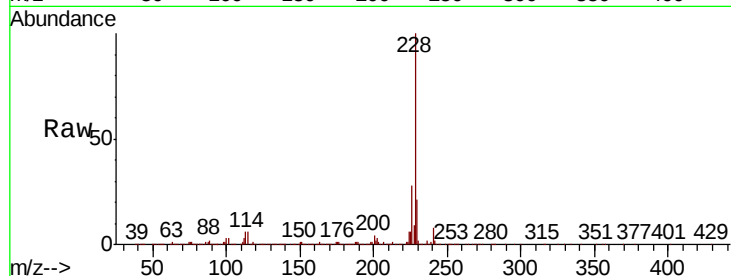
Tot Ion:228 Resp: 699503

Ion Ratio Lower Upper

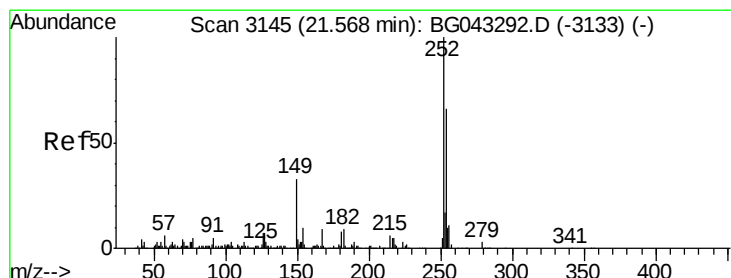
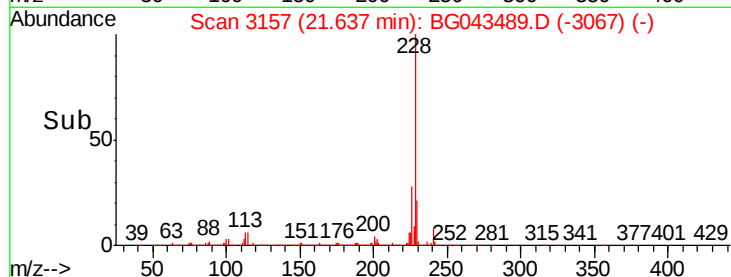
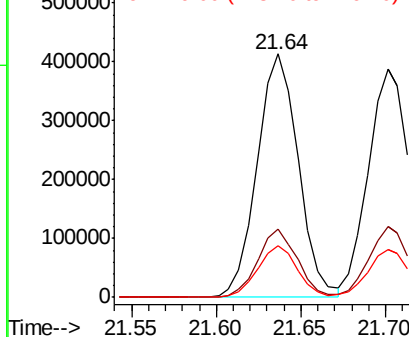
228 100

226 27.8 22.2 33.2

229 21.0 17.0 25.4



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



#82

3,3'-Dichlorobenzidine

Concen: 20.182 ng

RT: 21.55 min Scan# 3143

Delta R.T. 0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

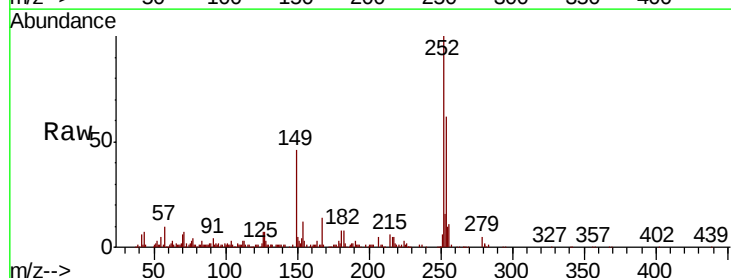
Tgt Ion:252 Resp: 135640

Ion Ratio Lower Upper

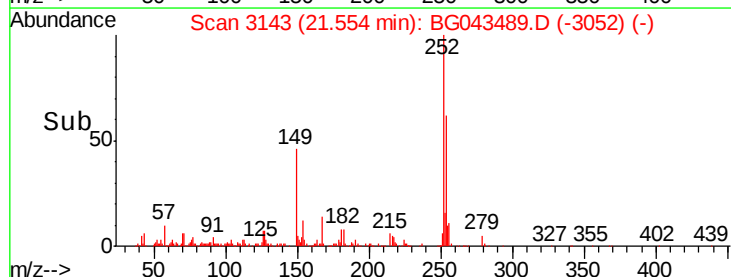
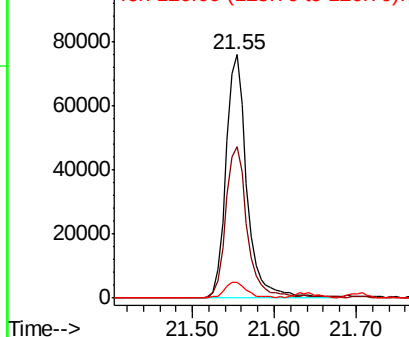
252 100

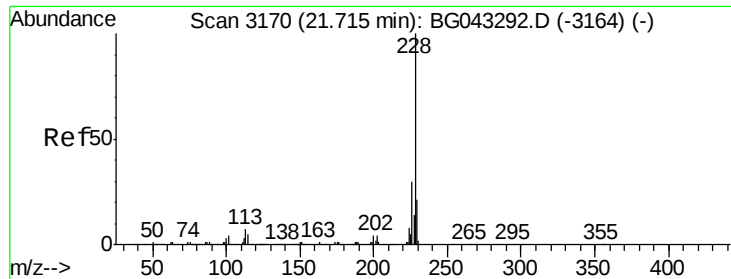
254 62.4 50.8 76.2

126 6.6 6.1 9.1



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





#83

Chrysene

Concen: 39.020 ng

RT: 21.70 min Scan# 3168

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampled :

TP-30-SMS

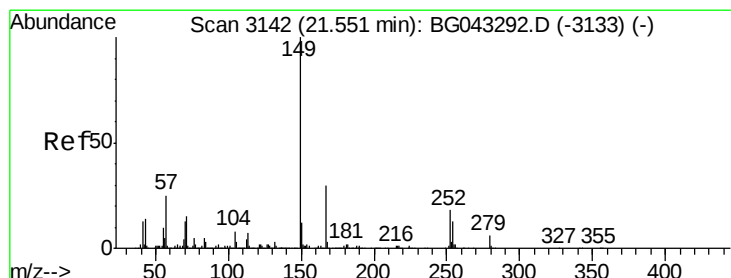
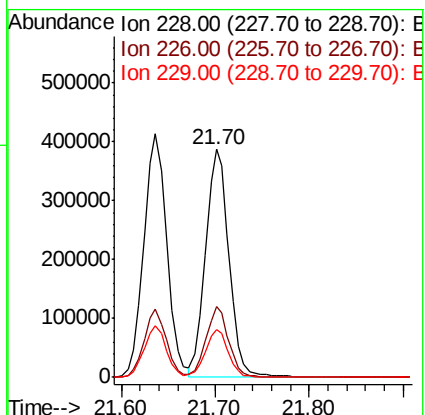
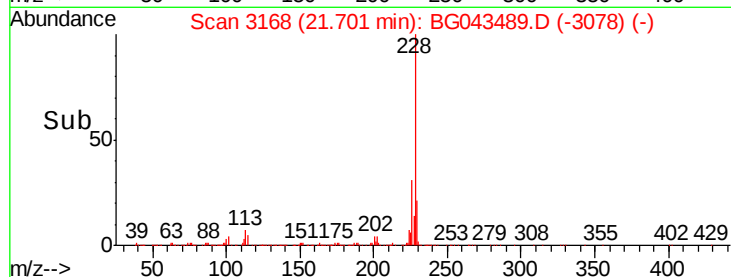
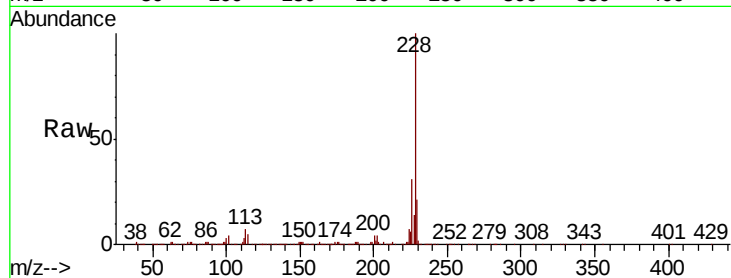
Tot Ion:228 Resp: 673683

Ion Ratio Lower Upper

228 100

226 31.0 25.1 37.7

229 20.9 17.0 25.4



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.348 ng

RT: 21.54 min Scan# 3140

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

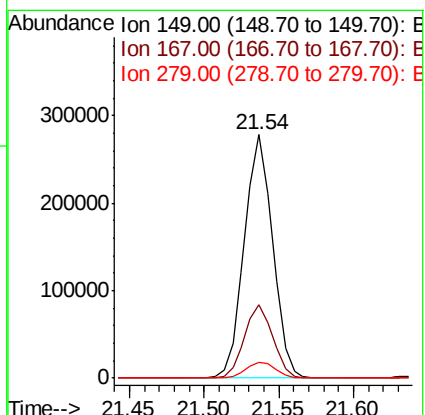
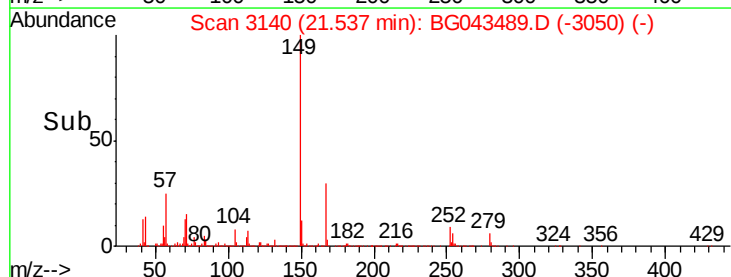
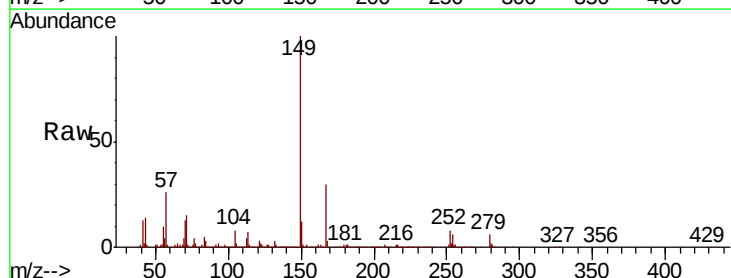
Tgt Ion:149 Resp: 363624

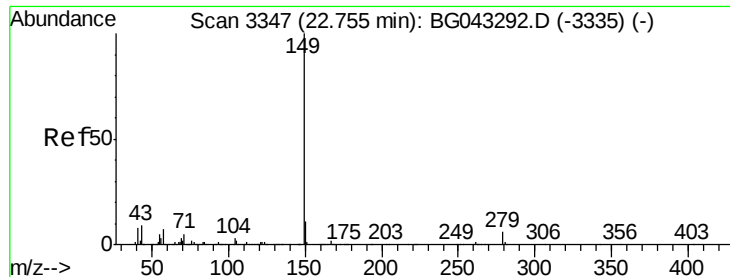
Ion Ratio Lower Upper

149 100

167 29.9 24.0 36.0

279 6.3 5.4 8.2





#85

Di-n-octyl phthalate

Concen: 40.925 ng

RT: 22.74 min Scan# 3344

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

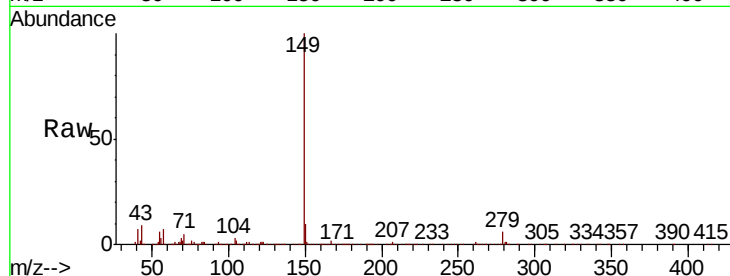
Tot Ion:149 Resp: 641632

Ion Ratio Lower Upper

149 100

167 2.0 1.4 2.2

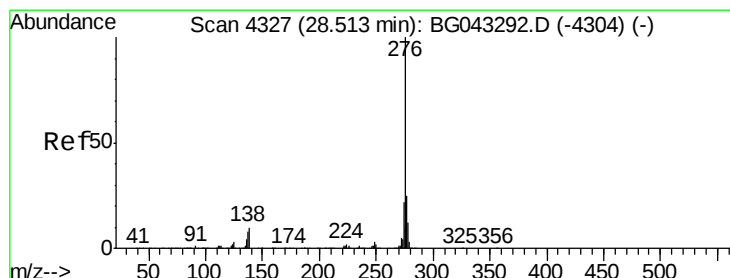
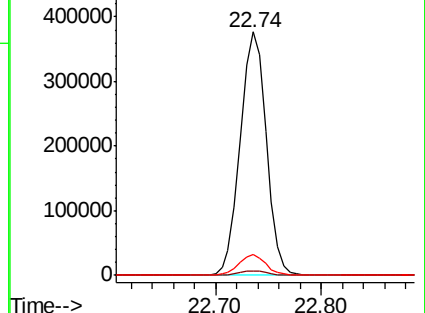
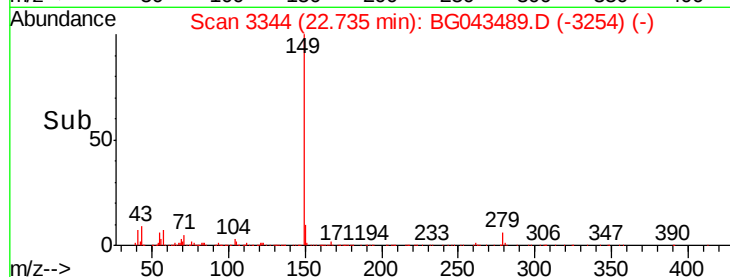
43 8.1 7.0 10.6



Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC



#86

Indeno(1,2,3-cd)pyrene

Concen: 42.063 ng

RT: 28.50 min Scan# 4325

Delta R.T. 0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

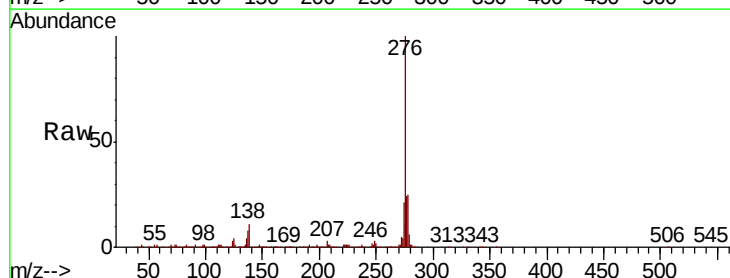
Tgt Ion:276 Resp: 911585

Ion Ratio Lower Upper

276 100

138 10.3 6.8 10.2#

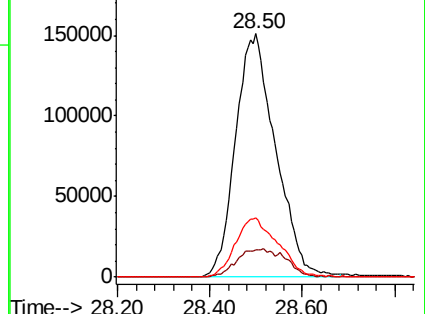
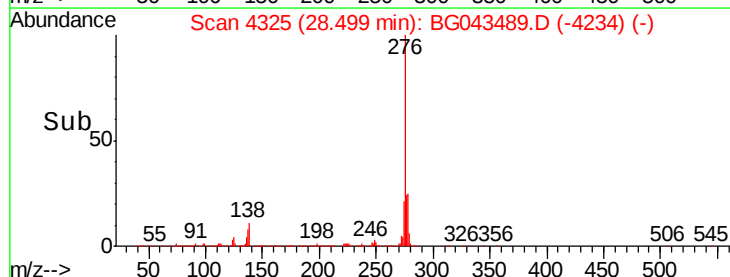
277 25.9 20.9 31.3



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

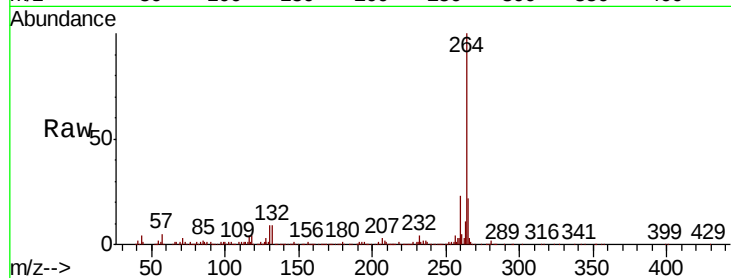
Tot Ion:264 Resp: 341782

Ion Ratio Lower Upper

264 100

260 23.1 17.5 26.3

265 21.5 17.4 26.0

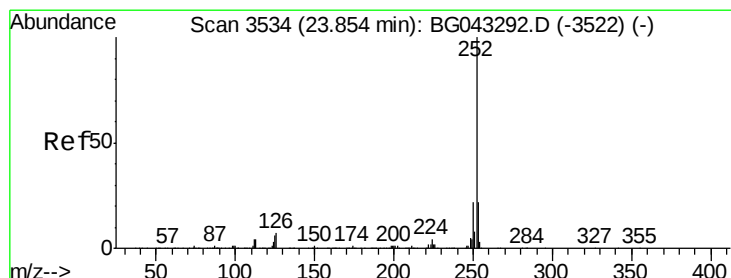
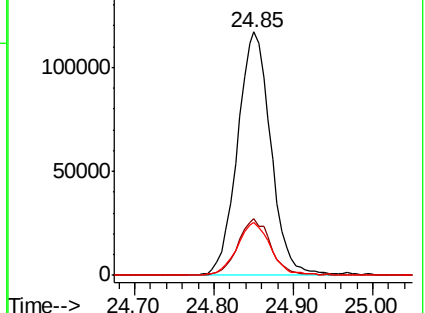
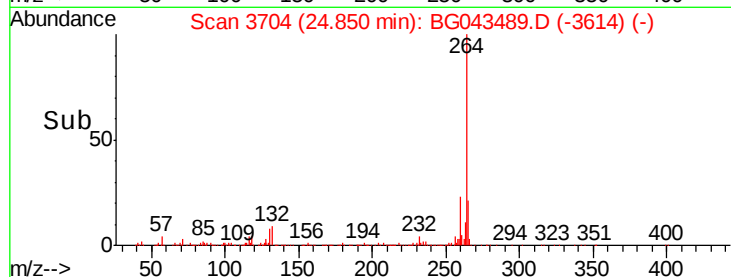


Abundance

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: 37.894 ng

RT: 23.84 min Scan# 3532

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

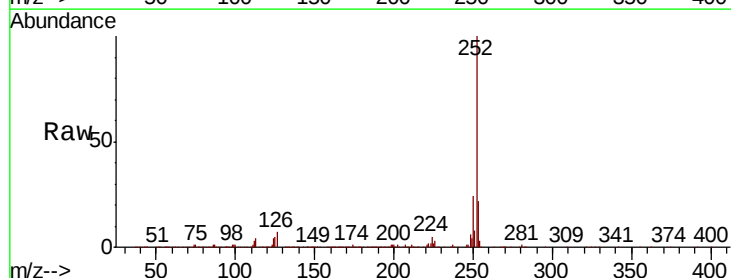
Tgt Ion:252 Resp: 733531

Ion Ratio Lower Upper

252 100

253 22.2 17.7 26.5

125 5.2 4.5 6.7

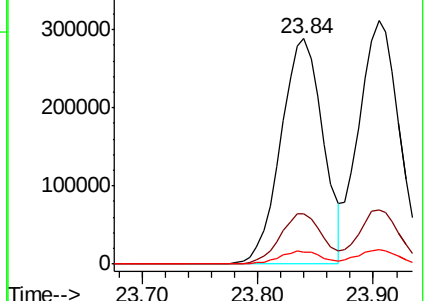
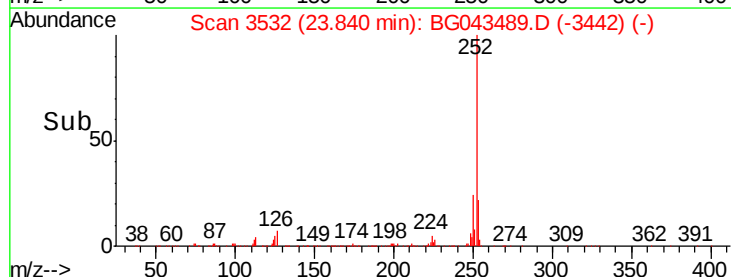


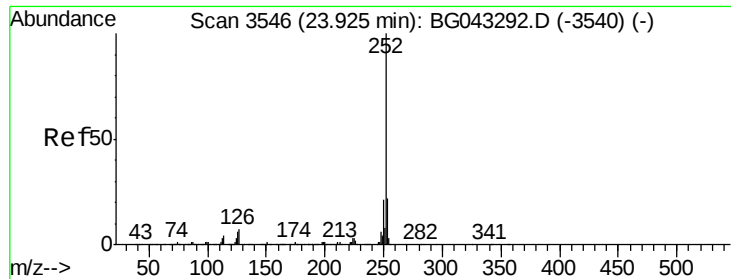
Abundance

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

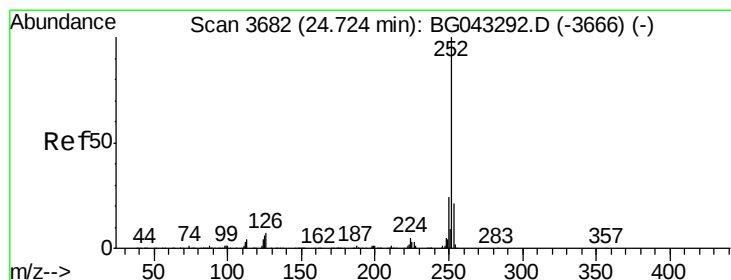
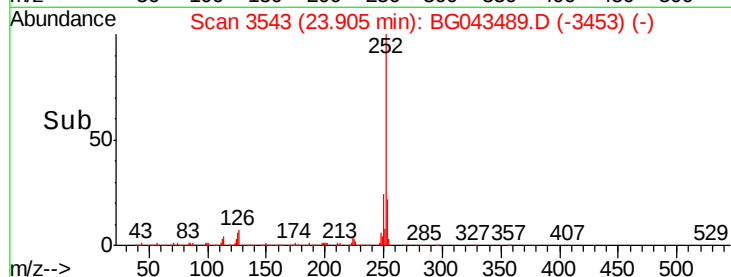
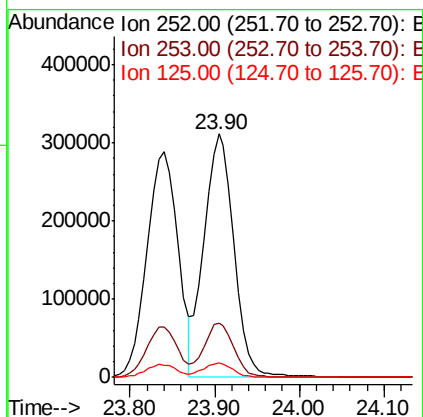
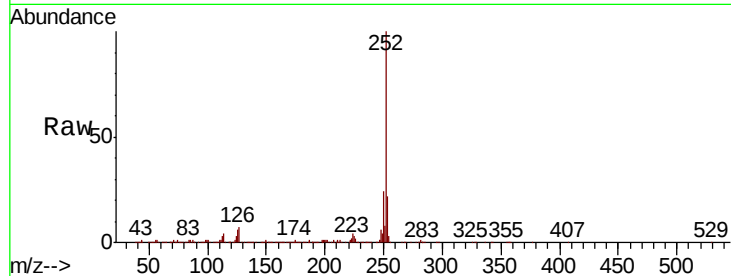




#89
Benzo(k)fluoranthene
Concen: 39.294 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

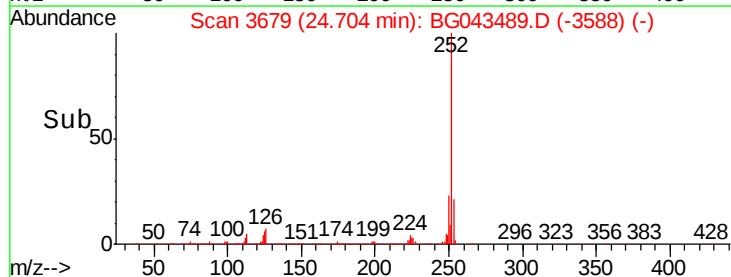
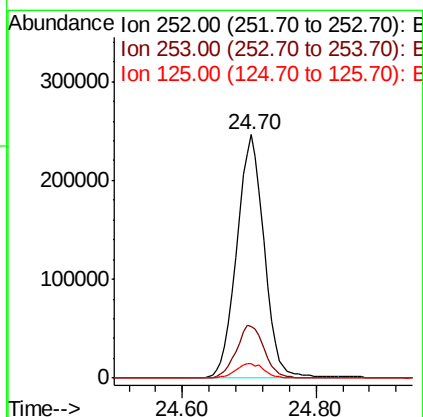
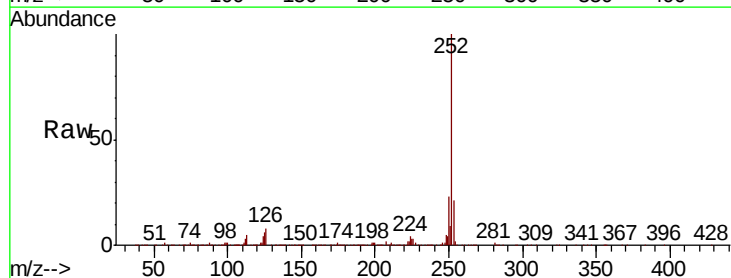
Instrument :
BNA_G
ClientSampleId :
TP-30-SMS

Tot Ion:252 Resp: 765733
Ion Ratio Lower Upper
252 100
253 22.4 17.3 25.9
125 5.9 4.6 6.8



#90
Benzo(a)pyrene
Concen: 37.558 ng
RT: 24.70 min Scan# 3679
Delta R.T. 0.00 min
Lab File: BG043489.D
Acq: 4 Nov 2019 20:24

Tgt Ion:252 Resp: 694251
Ion Ratio Lower Upper
252 100
253 21.0 17.8 26.8
125 6.1 5.4 8.2





#91

Dibenzo(a,h)anthracene

Concen: 40.715 ng

RT: 28.55 min Scan# 4334

Delta R.T. -0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

Instrument :

BNA_G

ClientSampleId :

TP-30-SMS

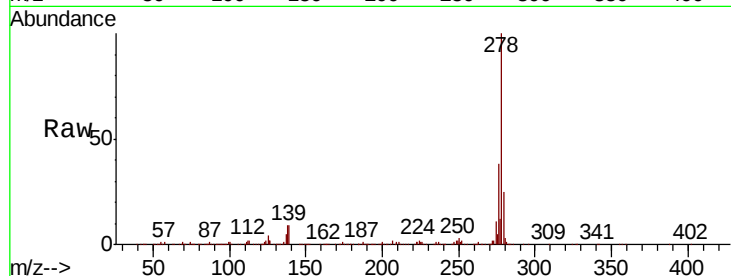
Tot Ion:278 Resp: 769823

Ion Ratio Lower Upper

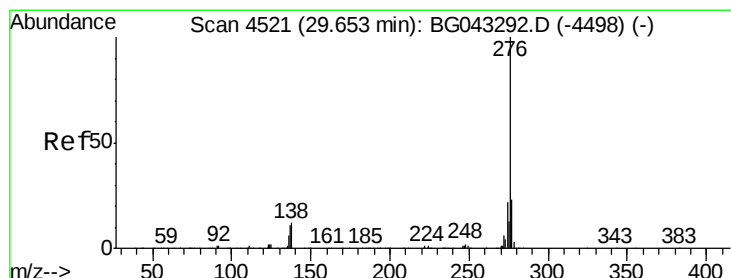
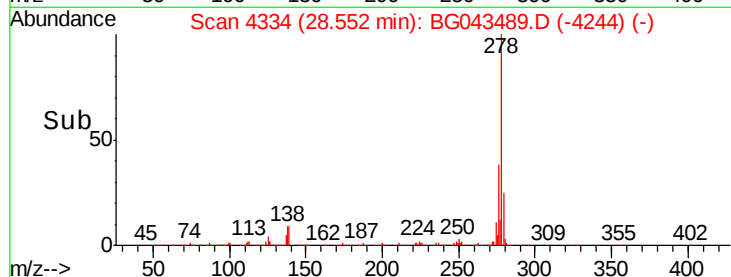
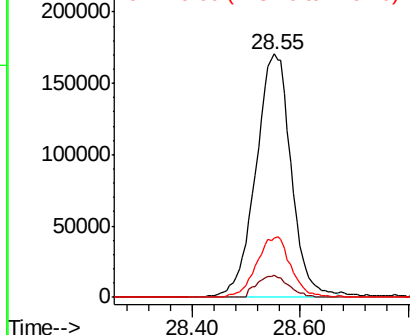
278 100

139 9.2 7.4 11.0

279 24.6 19.1 28.7



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: 40.931 ng

RT: 29.63 min Scan# 4518

Delta R.T. 0.00 min

Lab File: BG043489.D

Acq: 4 Nov 2019 20:24

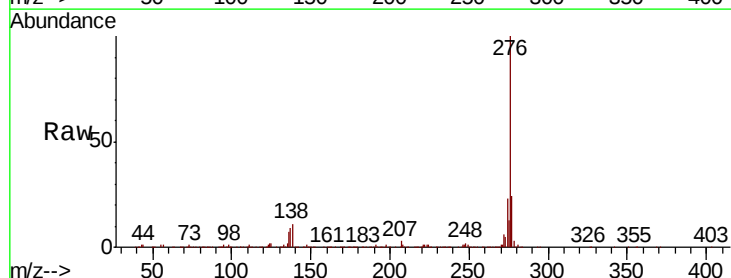
Tgt Ion:276 Resp: 763376

Ion Ratio Lower Upper

276 100

277 24.1 18.9 28.3

138 11.3 8.9 13.3



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

