

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102419\
 Data File : BG043327.D
 Acq On : 24 Oct 2019 12:26
 Operator : JU
 Sample : PB124226BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

Quant Time: Oct 24 14:23:13 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	41116	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	160066	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	117304	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	273165	20.00	ng	0.00
76) Chrysene-d12	21.66	240	301844	20.00	ng	0.00
87) Perylene-d12	24.86	264	346655	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	169495	75.54	ng	0.00
7) Phenol-d6	7.20	99	231772	71.79	ng	0.00
23) Nitrobenzene-d5	9.19	82	214323	69.03	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	151457	67.85	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	589304	69.42	ng	0.00
79) Terphenyl-d14	20.00	244	1084457	67.40	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	35977	41.146	ng	95
3) Pyridine	3.89	79	78465	35.574	ng	95
4) n-Nitrosodimethylamine	3.80	42	45391	40.783	ng	87
6) Aniline	7.35	93	111053	29.862	ng	97
8) 2-Chlorophenol	7.59	128	108304	43.726	ng	97
9) Benzaldehyde	7.16	77	55992	35.293	ng	93
10) Phenol	7.22	94	133056	45.104	ng	99
11) bis(2-Chloroethyl)ether	7.44	93	89759	39.355	ng	96
12) 1,3-Dichlorobenzene	7.91	146	117926	38.000	ng	98
13) 1,4-Dichlorobenzene	8.06	146	117317	37.365	ng	98
14) 1,2-Dichlorobenzene	8.38	146	114022	37.193	ng	96
15) Benzyl Alcohol	8.26	79	90895	40.091	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.55	45	118213	35.645	ng	99
17) 2-Methylphenol	8.48	107	88918	41.347	ng	97
18) Hexachloroethane	9.11	117	42232	37.281	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	77067	36.944	ng	# 98
20) 3+4-Methylphenols	8.80	107	123635	41.926	ng	91
22) Acetophenone	8.85	105	152334	37.163	ng	97
24) Nitrobenzene	9.23	77	117124	39.600	ng	99
25) Isophorone	9.74	82	214230	37.740	ng	98
26) 2-Nitrophenol	9.94	139	60566	42.416	ng	94
27) 2,4-Dimethylphenol	10.00	122	101855	49.768	ng	97
28) bis(2-Chloroethoxy)methane	10.23	93	120920	38.597	ng	96
29) 2,4-Dichlorophenol	10.49	162	114250	43.570	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	122946	37.200	ng	98
31) Naphthalene	10.88	128	322295	39.668	ng	98
32) Benzoic acid	10.16	122	50399	35.220	ng	96
33) 4-Chloroaniline	11.00	127	60938	18.297	ng	95
34) Hexachlorobutadiene	11.17	225	87344	35.751	ng	98
35) Caprolactam	11.76	113	18644	20.644	ng	# 70
36) 4-Chloro-3-methylphenol	12.12	107	121714	42.553	ng	92
37) 2-Methylnaphthalene	12.48	142	245625	39.400	ng	96
38) 1-Methylnaphthalene	12.70	142	231939	39.103	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	159434	36.725	ng	98

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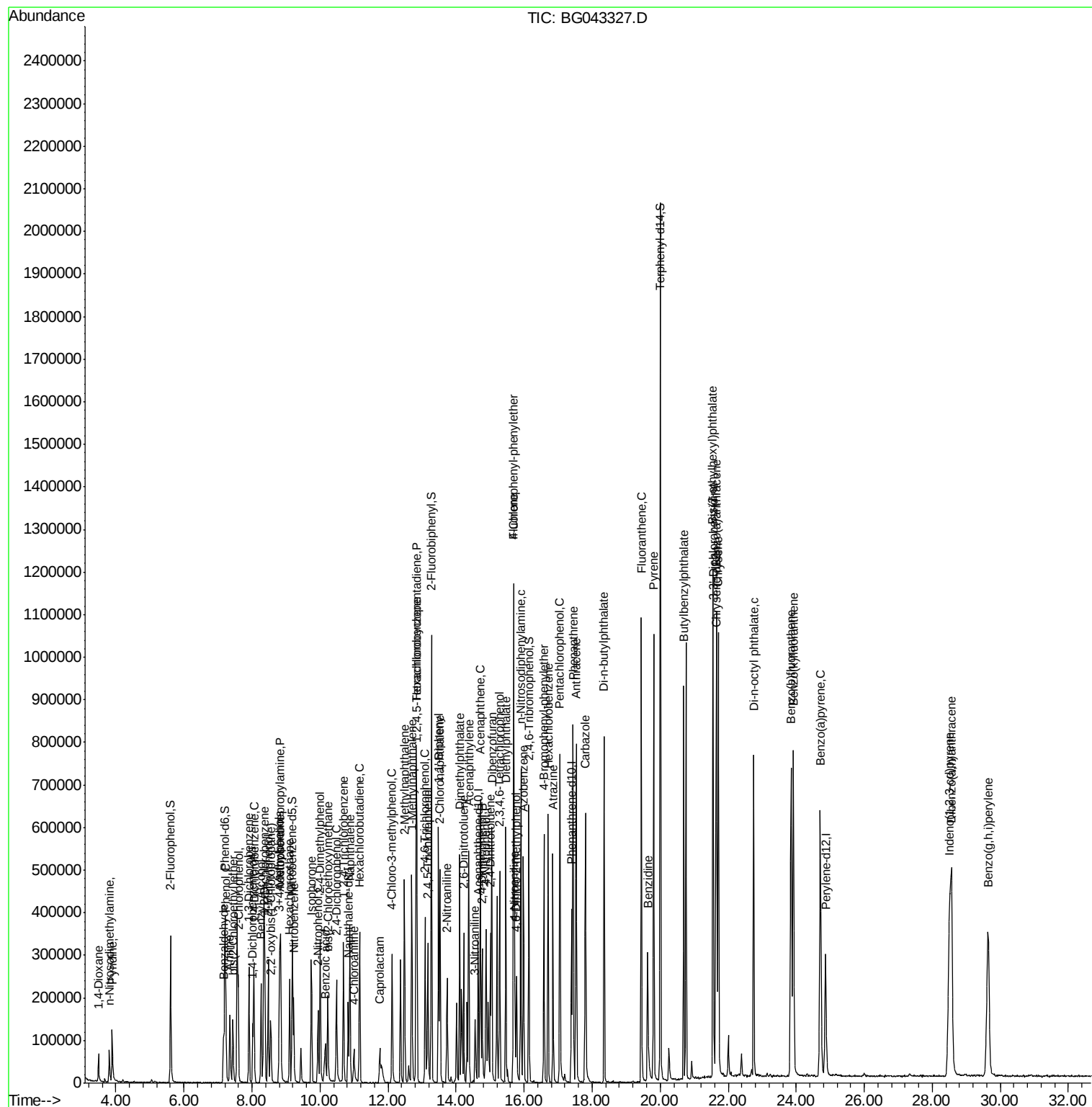
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	210926	92.492	ng	97
43) 2,4,6-Trichlorophenol	13.09	196	107401	42.009	ng	97
44) 2,4,5-Trichlorophenol	13.17	196	113196	43.795	ng	94
46) 1,1'-Biphenyl	13.49	154	340108	38.112	ng	98
47) 2-Chloronaphthalene	13.53	162	264368	38.936	ng	96
48) 2-Nitroaniline	13.73	65	78774	38.817	ng	94
49) Acenaphthylene	14.37	152	431130	40.798	ng	98
50) Dimethylphthalate	14.10	163	352956	38.846	ng	99
51) 2,6-Dinitrotoluene	14.22	165	80617	40.841	ng	97
52) Acenaphthene	14.72	154	255452	39.639	ng	98
53) 3-Nitroaniline	14.56	138	47480	24.914	ng	99
54) 2,4-Dinitrophenol	14.76	184	85007	69.969	ng	94
55) Dibenzofuran	15.05	168	420253	40.213	ng	100
56) 4-Nitrophenol	14.88	139	115512	90.447	ng	96
57) 2,4-Dinitrotoluene	15.01	165	115602	40.980	ng	99
58) Fluorene	15.70	166	355905	40.605	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	117771	42.887	ng	# 98
60) Diethylphthalate	15.46	149	350137	38.352	ng	99
61) 4-Chlorophenyl-phenylether	15.69	204	197865	38.696	ng	96
62) 4-Nitroaniline	15.73	138	75877	38.552	ng	98
63) Azobenzene	15.98	77	297785	40.303	ng	96
65) 4,6-Dinitro-2-methylphenol	15.78	198	65563	40.784	ng	98
66) n-Nitrosodiphenylamine	15.90	169	315275	40.880	ng	99
67) 4-Bromophenyl-phenylether	16.58	248	143538	39.045	ng	98
68) Hexachlorobenzene	16.71	284	157474	37.318	ng	96
69) Atrazine	16.85	200	119147	44.461	ng	94
70) Pentachlorophenol	17.05	266	180602	93.926	ng	97
71) Phenanthrene	17.44	178	562126	40.186	ng	100
72) Anthracene	17.53	178	570477	40.762	ng	100
73) Carbazole	17.80	167	514721	40.613	ng	98
74) Di-n-butylphthalate	18.35	149	591620	38.472	ng	99
75) Fluoranthene	19.45	202	738306	40.486	ng	99
77) Benzidine	19.63	184	279640	46.034	ng	97
78) Pyrene	19.81	202	749432	40.111	ng	99
80) Butylbenzylphthalate	20.69	149	276633	39.081	ng	97
81) Benzo(a)anthracene	21.64	228	752221	39.785	ng	96
82) 3,3'-Dichlorobenzidine	21.56	252	217398	29.728	ng	99
83) Chrysene	21.71	228	744787	39.646	ng	99
84) Bis(2-ethylhexyl)phthalate	21.55	149	400204	39.801	ng	98
85) Di-n-octyl phthalate	22.75	149	687457	40.298	ng	99
86) Indeno(1,2,3-cd)pyrene	28.51	276	942918	39.986	ng	# 96
88) Benzo(b)fluoranthene	23.85	252	795260	40.505	ng	98
89) Benzo(k)fluoranthene	23.92	252	803369	40.646	ng	100
90) Benzo(a)pyrene	24.71	252	790106	42.142	ng	96
91) Dibenzo(a,h)anthracene	28.56	278	794847	41.448	ng	98
92) Benzo(g,h,i)perylene	29.65	276	783715	41.431	ng	99

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

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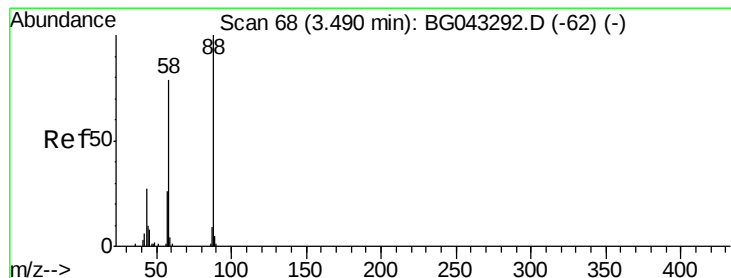
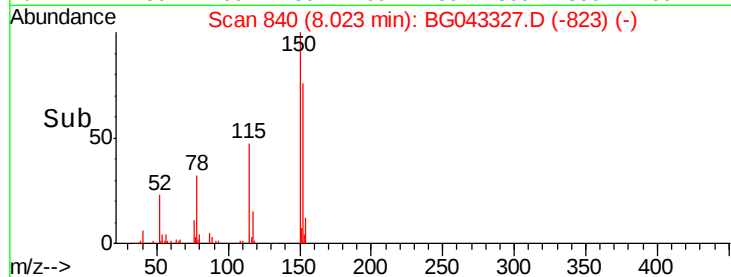
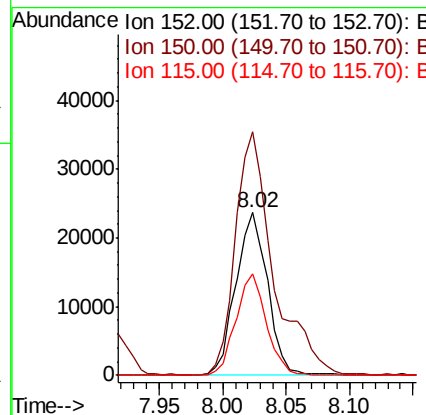
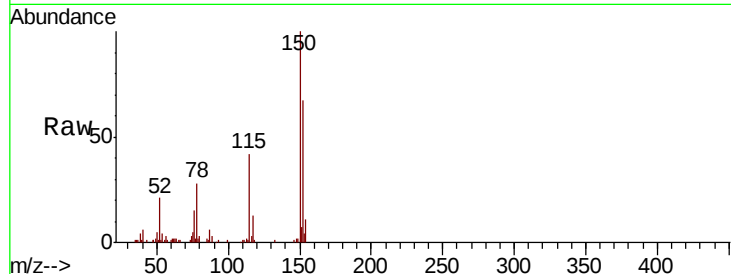


#1

1,4-Dichlorobenzene-d4
 Concen: 20.000 ng
 RT: 8.02 min Scan# 840
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

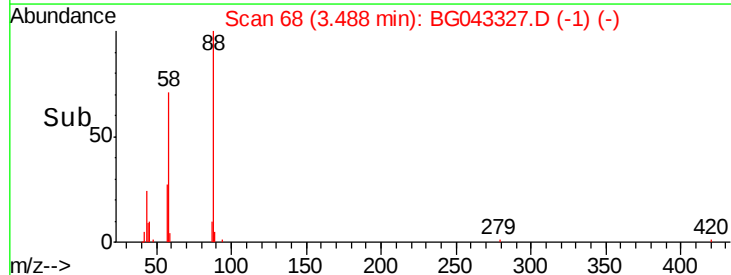
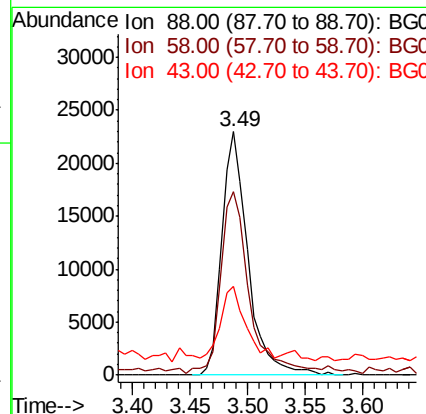
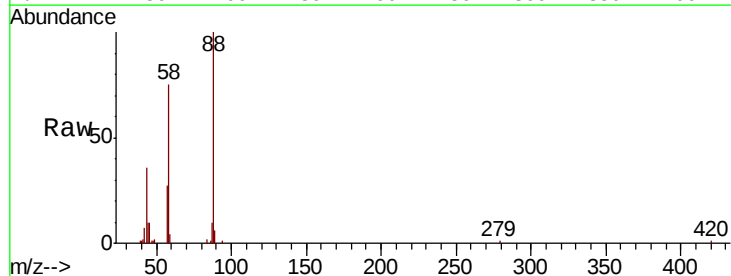
Tot Ion:152 Resp: 41116
 Ion Ratio Lower Upper
 152 100
 150 149.7 113.6 170.4
 115 62.5 45.9 68.9



#2

1,4-Dioxane
 Concen: 41.146 ng
 RT: 3.49 min Scan# 68
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Tgt Ion: 88 Resp: 35977
 Ion Ratio Lower Upper
 88 100
 58 80.8 60.2 90.2
 43 29.0 22.7 34.1





#3

Pvridine

Concen: 35.574 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

ClientSampleId :

PB124226BSD

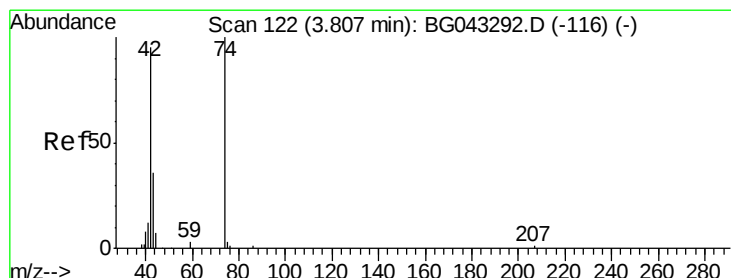
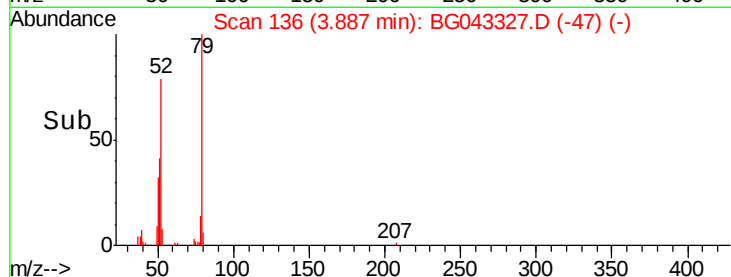
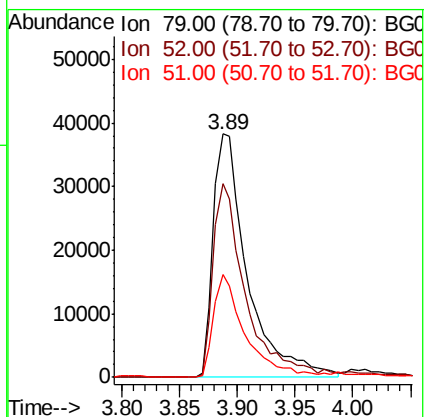
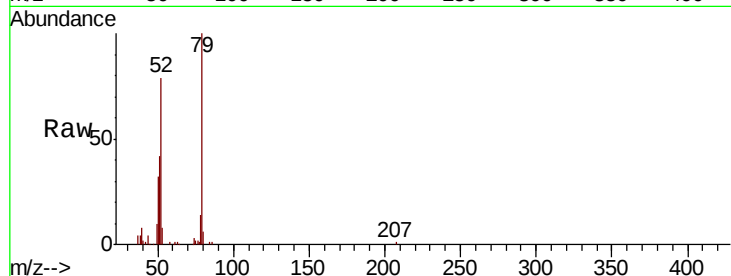
Tot Ion: 79 Resp: 78465

Ion Ratio Lower Upper

79 100

52 79.4 59.7 89.5

51 42.2 31.8 47.6



#4

n-Nitrosodimethylamine

Concen: 40.783 ng

RT: 3.80 min Scan# 122

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

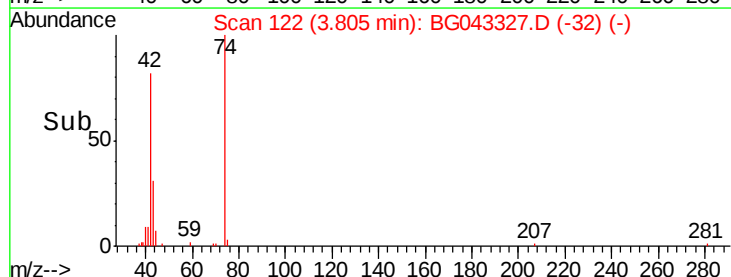
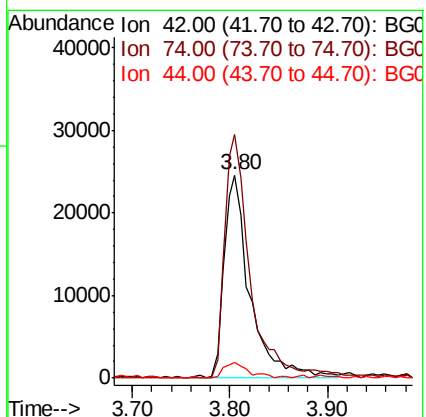
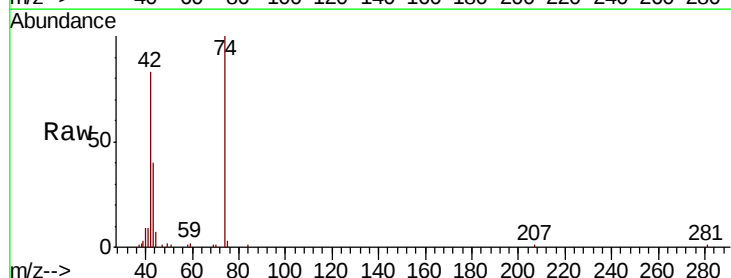
Tgt Ion: 42 Resp: 45391

Ion Ratio Lower Upper

42 100

74 119.9 84.2 126.2

44 7.9 6.0 9.0





#5

2-Fluorophenol

Concen: 75.540 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

ClientSampleId :

PB124226BSD

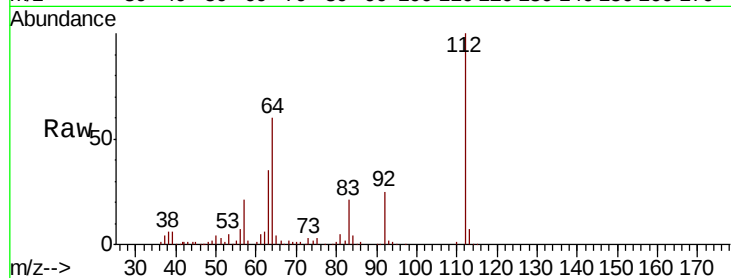
Tot Ion:112 Resp: 169495

Ion Ratio Lower Upper

112 100

64 59.8 50.2 75.2

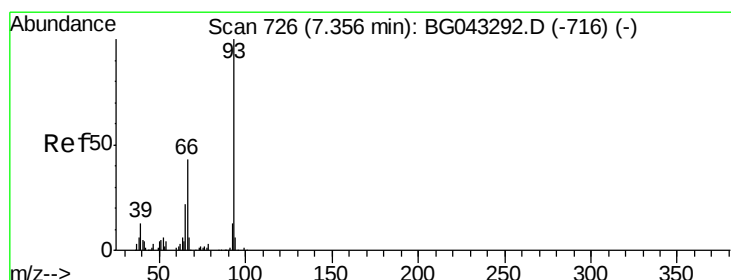
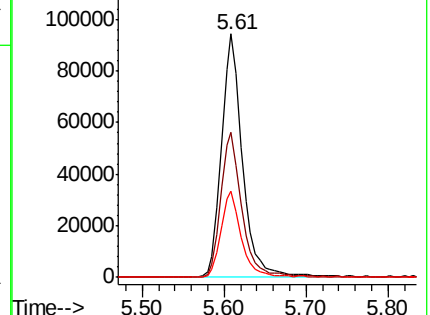
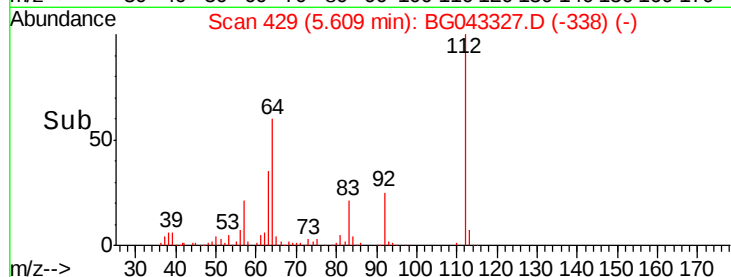
63 35.3 26.7 40.1



Abundance Ion 112.00 (111.70 to 112.70): E

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 29.862 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

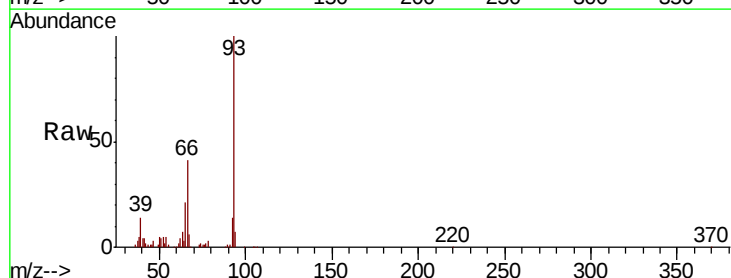
Tgt Ion: 93 Resp: 111053

Ion Ratio Lower Upper

93 100

66 41.3 34.5 51.7

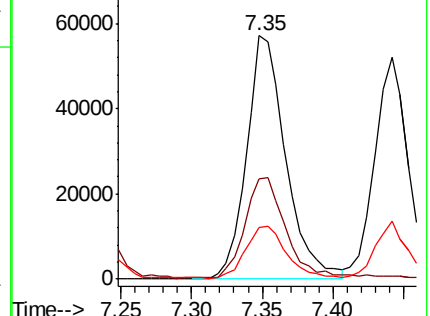
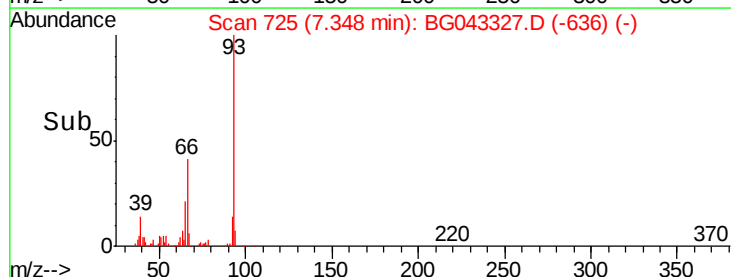
65 21.0 18.0 27.0

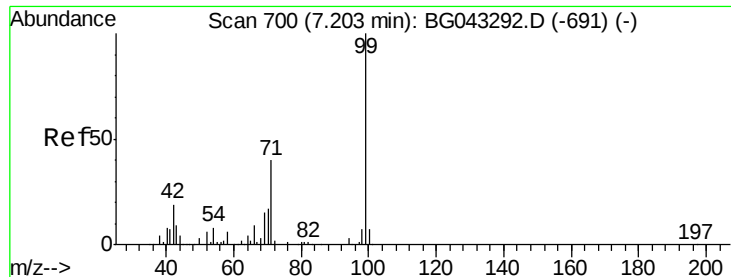


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 71.795 ng

RT: 7.20 min Scan# 700

Delta R.T. -0.00 min

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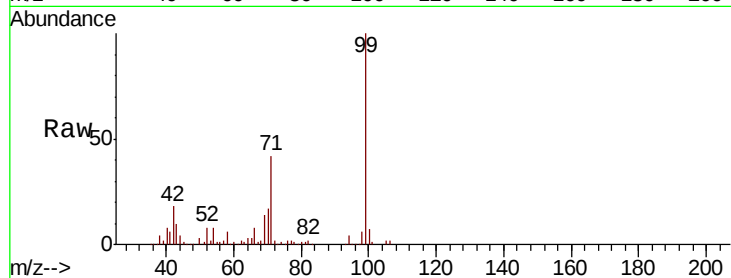
Tot Ion: 99 Resp: 231772

Ion Ratio Lower Upper

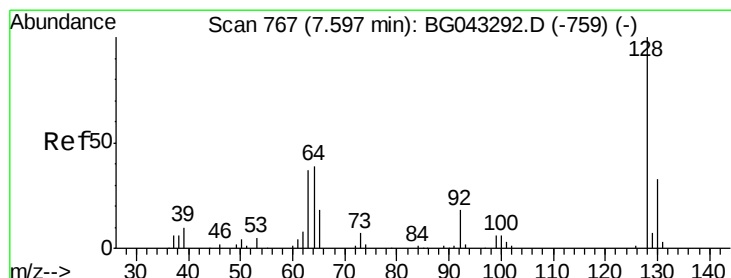
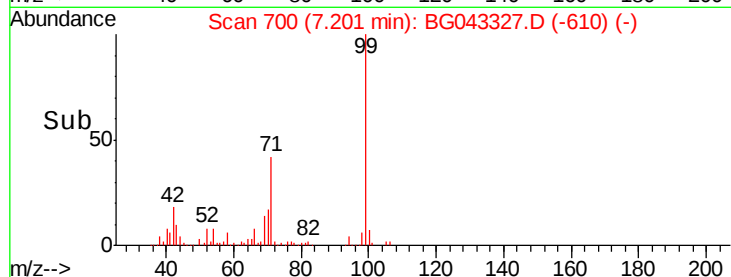
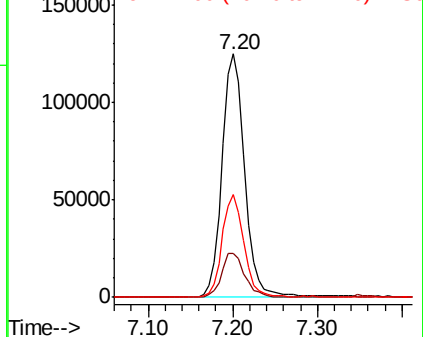
99 100

42 18.2 14.9 22.3

71 42.2 32.2 48.2



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



#8

2-Chlorophenol

Concen: 43.726 ng

RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

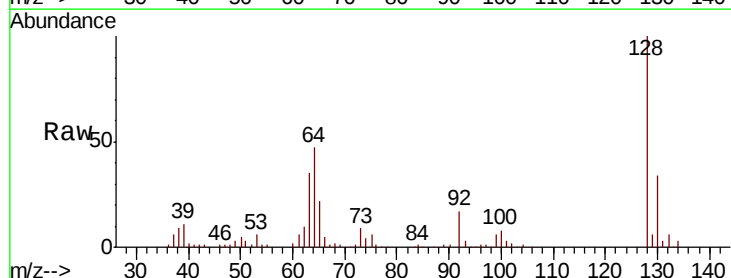
Tgt Ion: 128 Resp: 108304

Ion Ratio Lower Upper

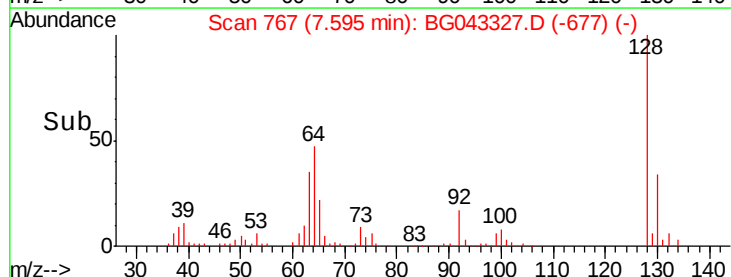
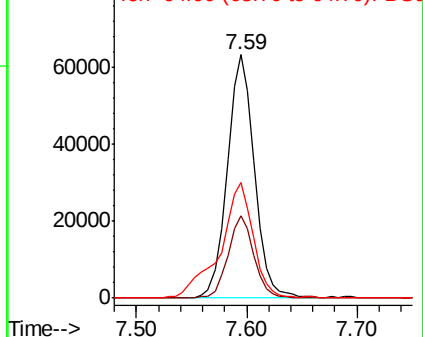
128 100

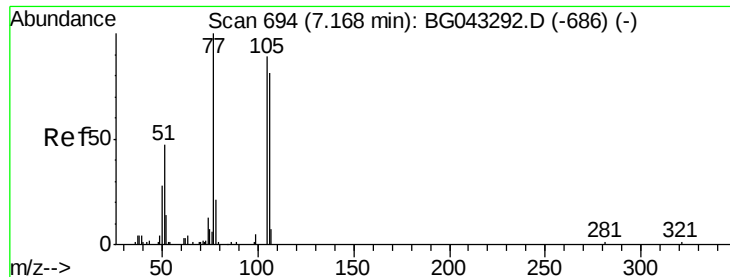
130 33.8 12.9 52.9

64 47.5 24.9 64.9



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





#9

Benzaldehyde

Concen: 35.293 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

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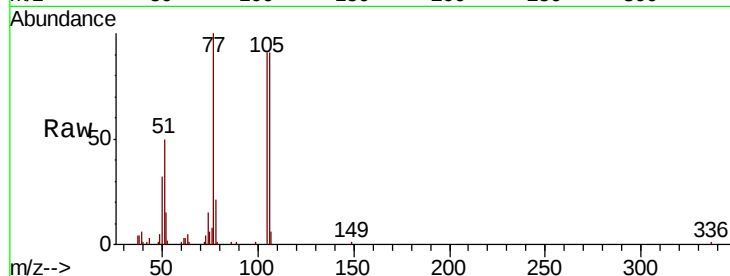
Tot Ion: 77 Resp: 55992

Ion Ratio Lower Upper

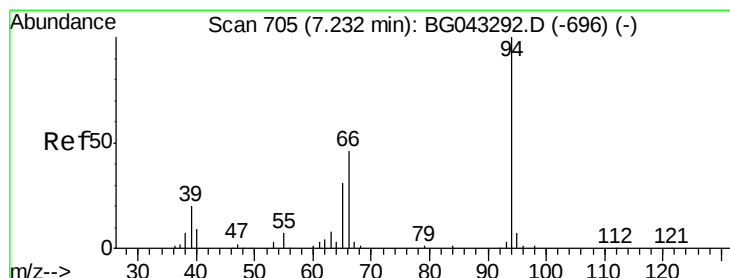
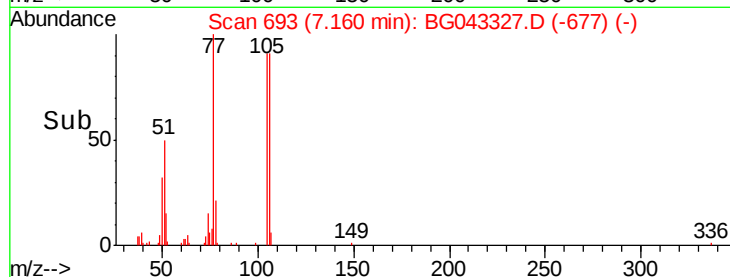
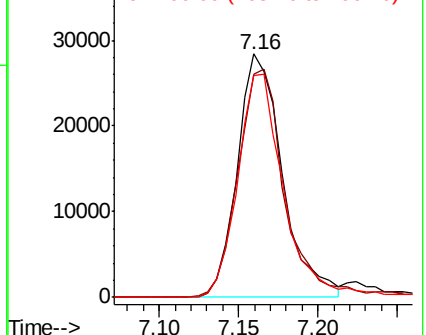
77 100

105 91.4 68.7 108.7

106 91.0 60.5 100.5



Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.104 ng

RT: 7.22 min Scan# 704

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

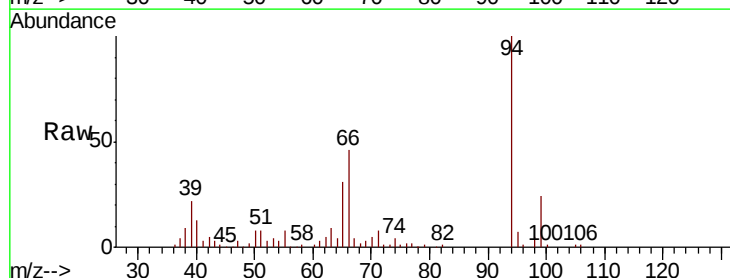
Tgt Ion: 94 Resp: 133056

Ion Ratio Lower Upper

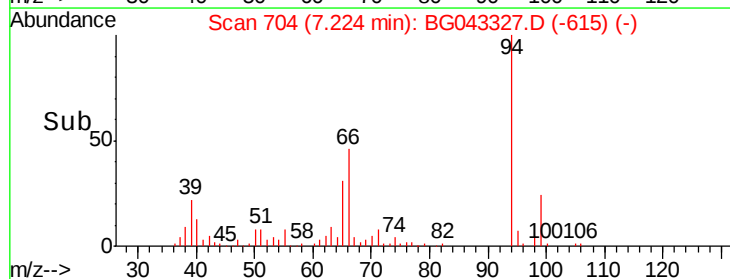
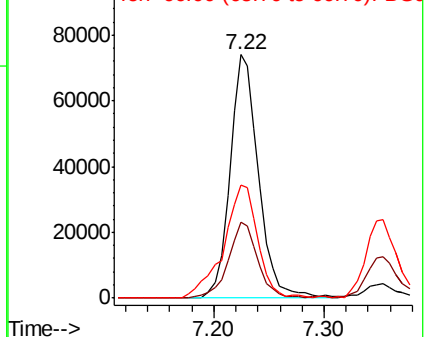
94 100

65 31.2 11.1 51.1

66 46.5 27.8 67.8



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

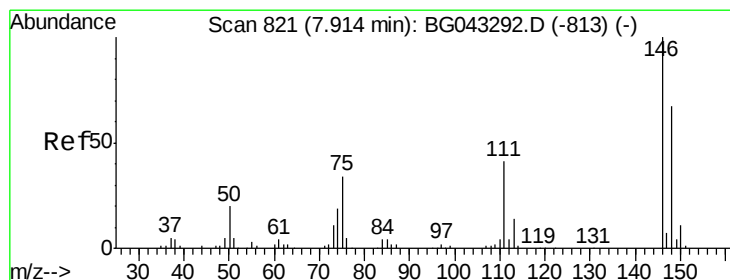
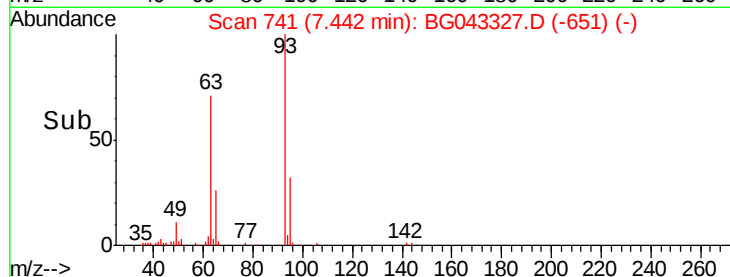
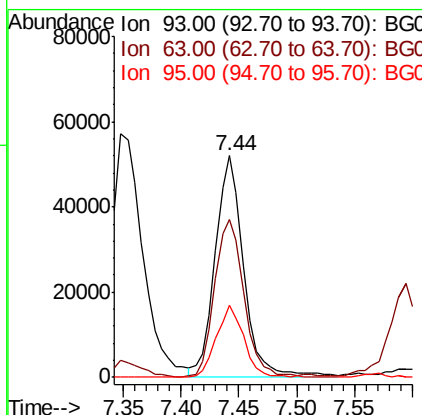
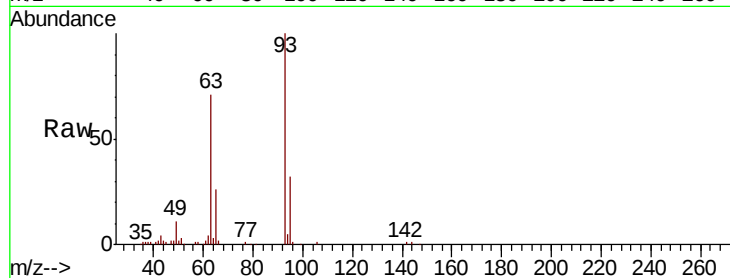




#11
 bis(2-Chloroethyl)ether
 Concen: 39.355 ng
 RT: 7.44 min Scan# 741
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

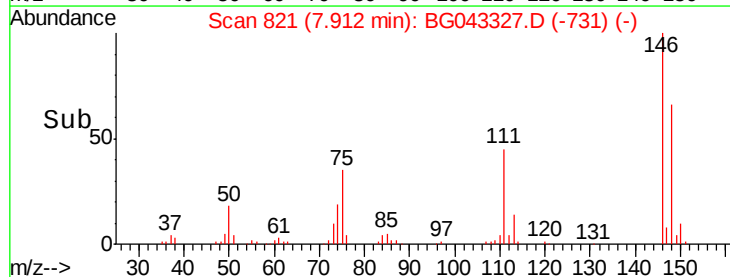
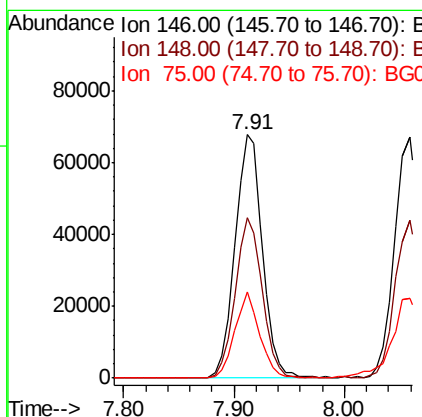
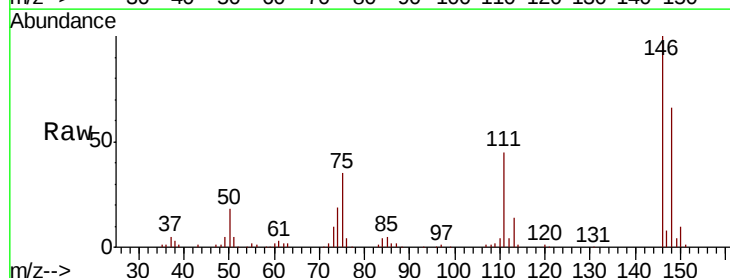
Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

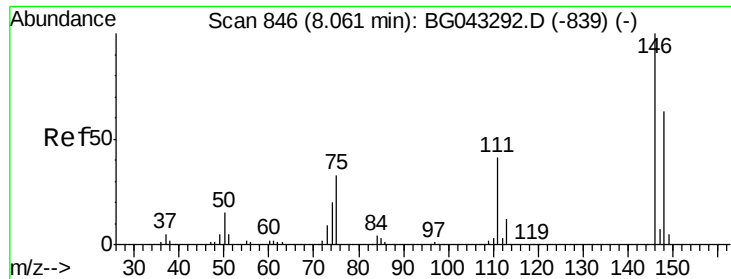
Tot Ion	Ratio	Lower	Upper
93	100		
63	71.0	54.6	94.6
95	32.3	9.7	49.7



#12
 1,3-Dichlorobenzene
 Concen: 38.000 ng
 RT: 7.91 min Scan# 821
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.1	53.4	80.2
75	35.4	27.0	40.4

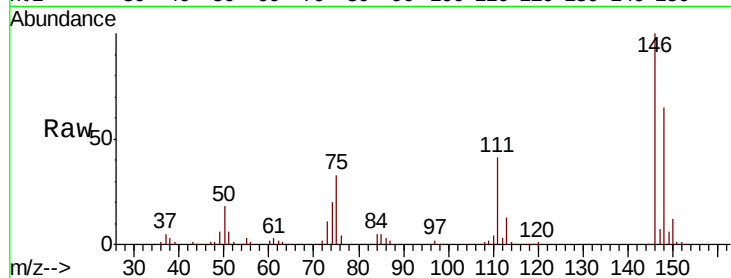




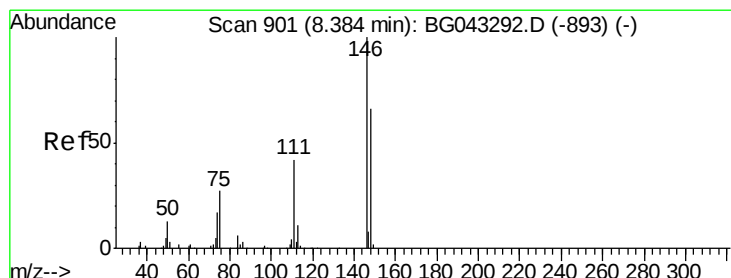
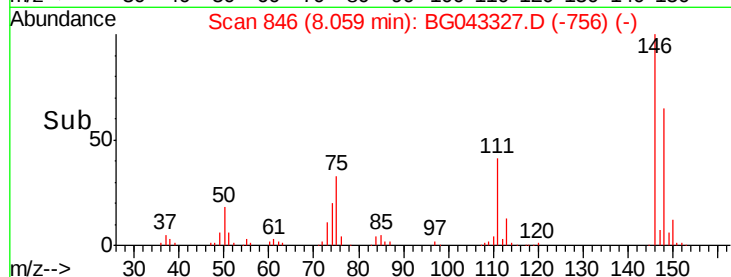
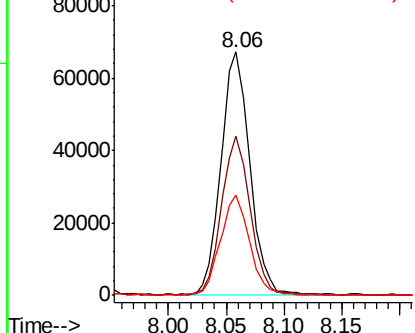
#13
 1,4-Dichlorobenzene
 Concen: 37.365 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

Tot Ion:146 Resp: 117317
 Ion Ratio Lower Upper
 146 100
 148 65.5 50.7 76.1
 111 41.2 33.0 49.6

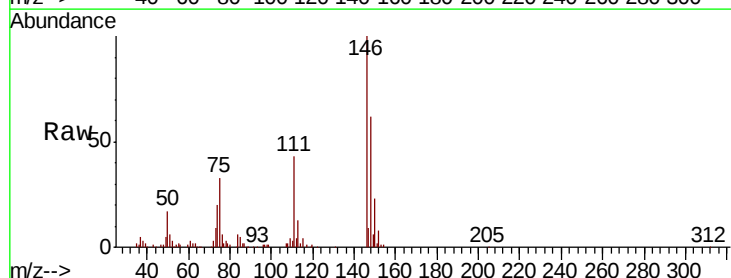


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

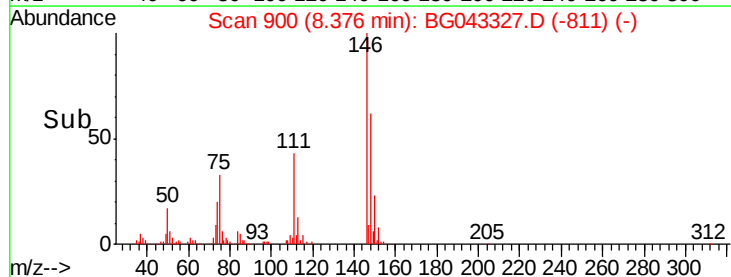
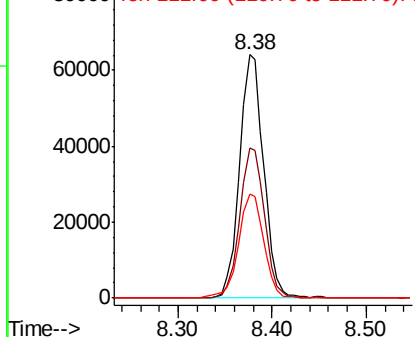


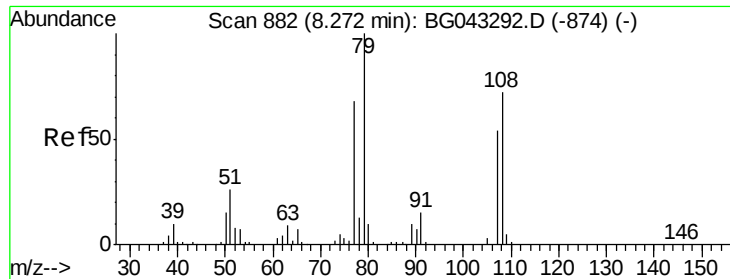
#14
 1,2-Dichlorobenzene
 Concen: 37.193 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Tgt Ion:146 Resp: 114022
 Ion Ratio Lower Upper
 146 100
 148 61.5 53.0 79.4
 111 42.5 34.5 51.7



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

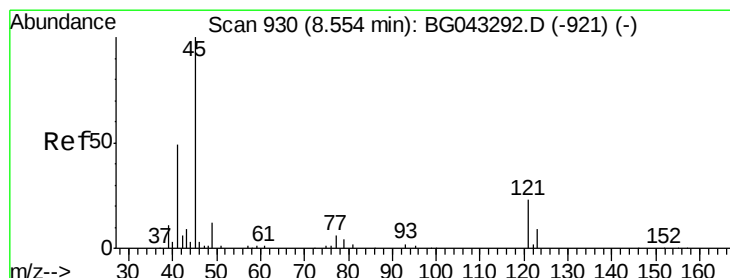
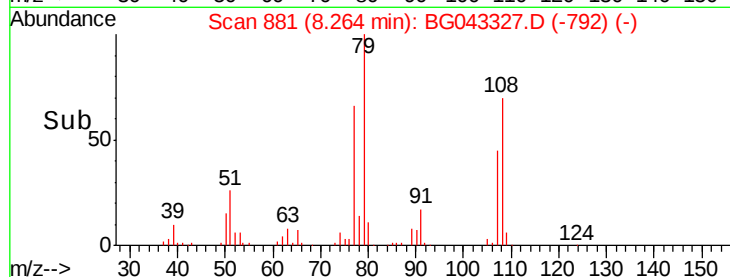
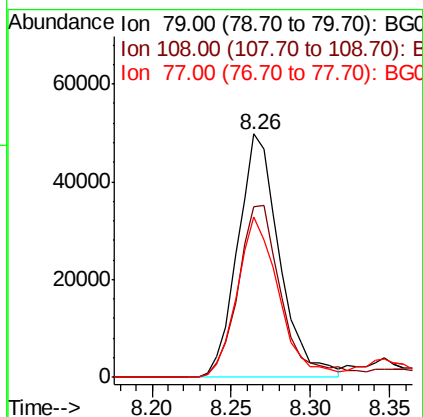
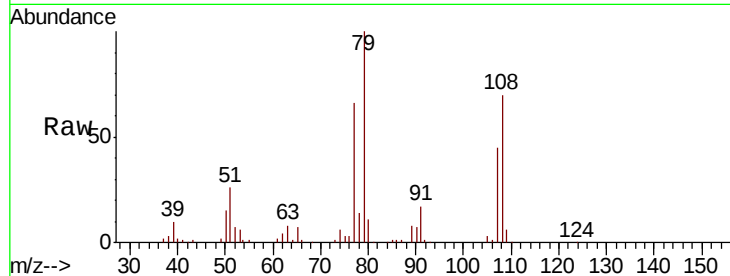




#15
Benzyl Alcohol
Concen: 40.091 ng
RT: 8.26 min Scan# 881
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

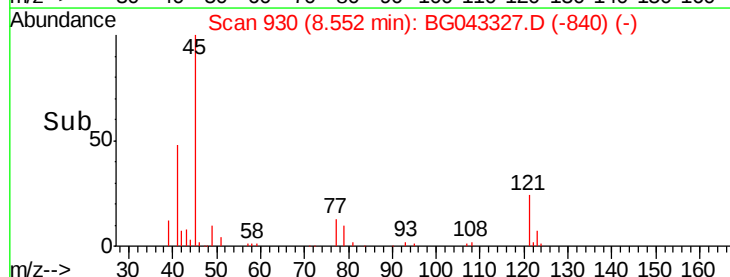
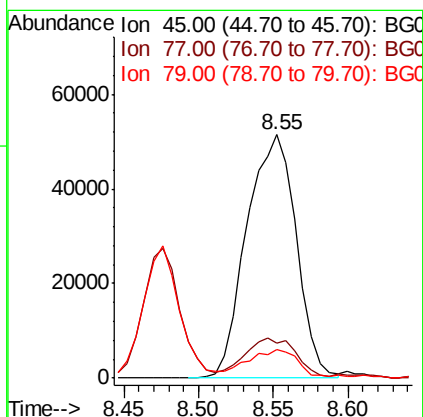
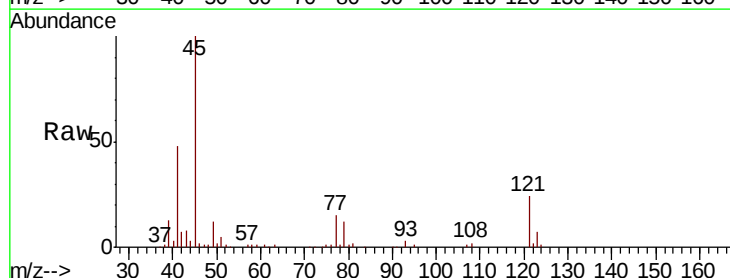
Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.3	57.3	85.9
77	65.7	54.6	81.8



#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.645 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.6	0.0	34.2
79	11.6	0.0	32.3





#17

2-Methylphenol

Concen: 41.347 ng

RT: 8.48 min Scan# 917

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

ClientSampleId :

PB124226BSD

Tot Ion:107 Resp: 88918

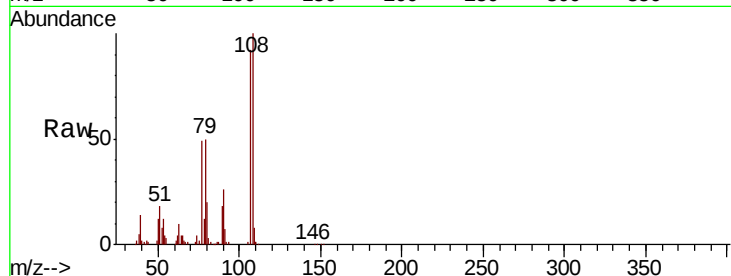
Ion Ratio Lower Upper

107 100

108 108.4 91.3 136.9

77 52.7 43.0 64.6

79 53.7 43.4 65.2

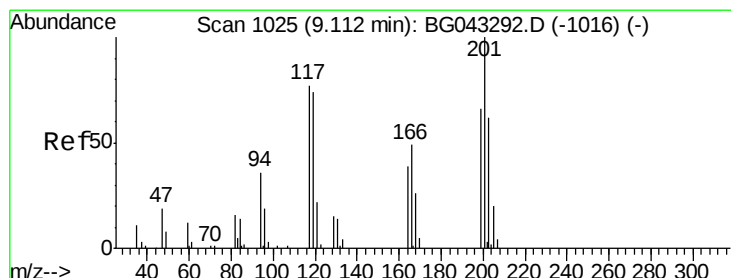
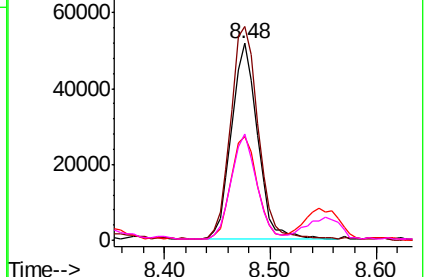
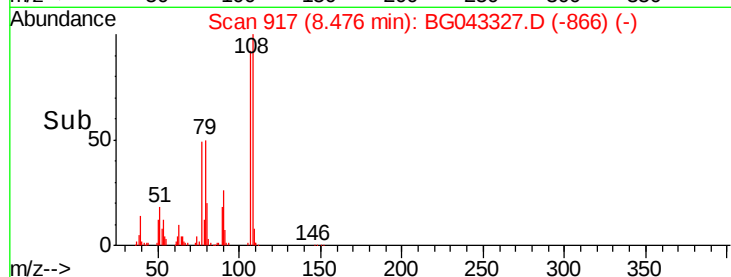


Abundance Ion 107.00 (106.70 to 107.70): E

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: 37.281 ng

RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

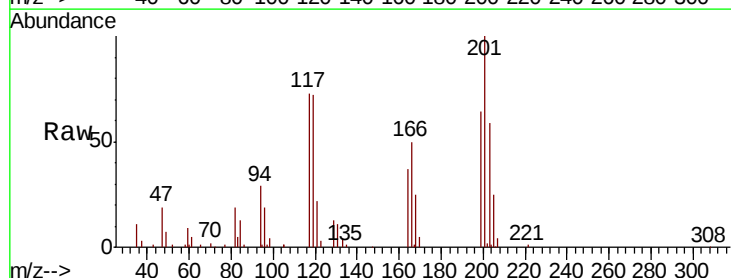
Tgt Ion:117 Resp: 42232

Ion Ratio Lower Upper

117 100

119 98.1 77.3 115.9

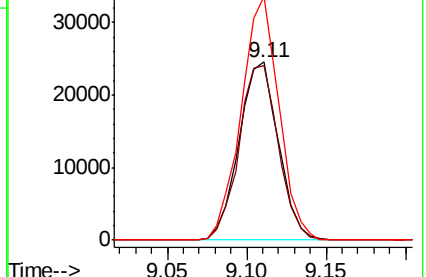
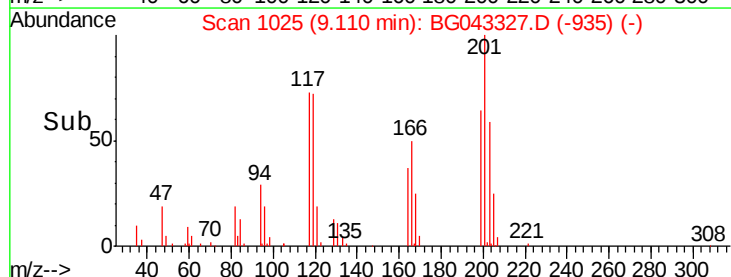
201 136.9 104.2 156.4

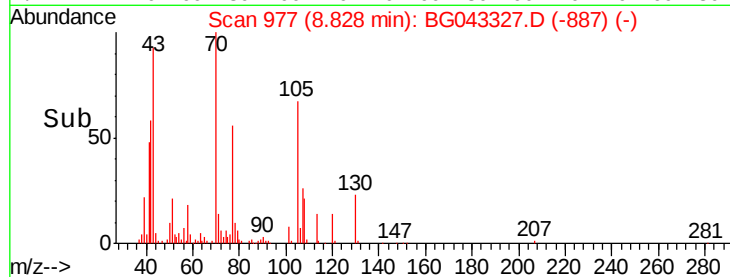
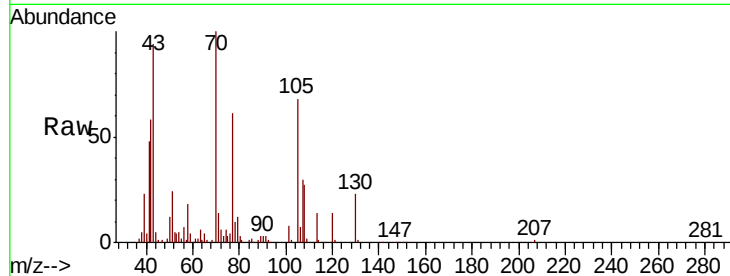
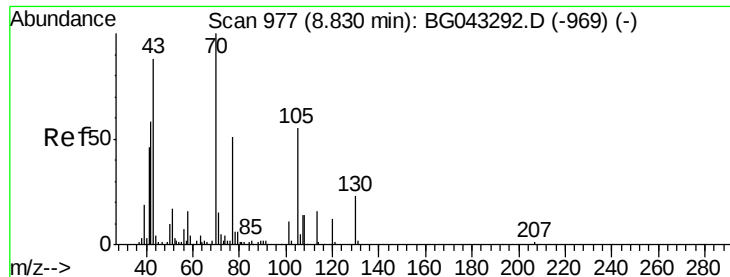


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

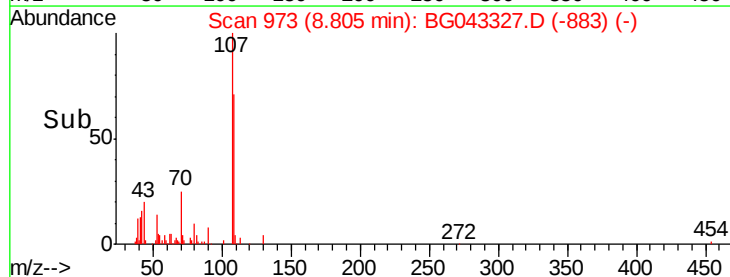
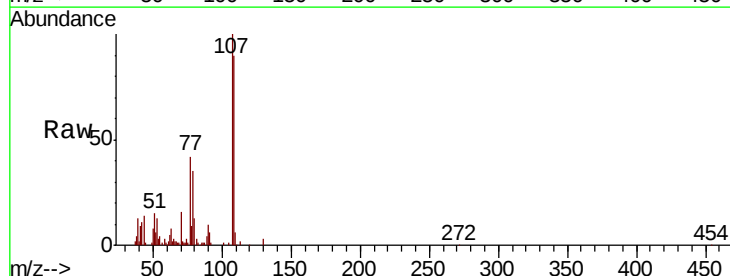
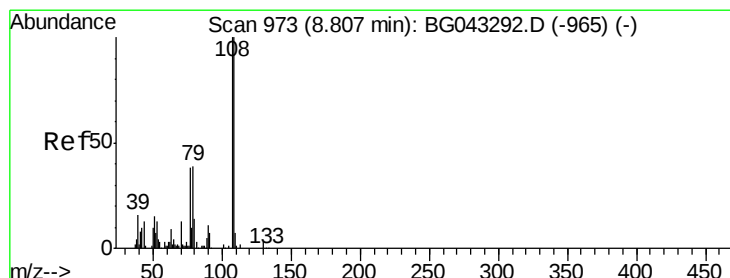
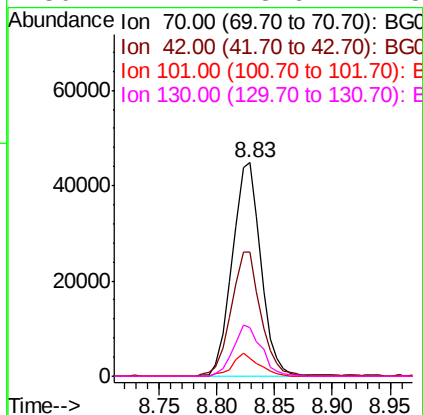




#19
n-Nitroso-di-n-propylamine
Concen: 36.944 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

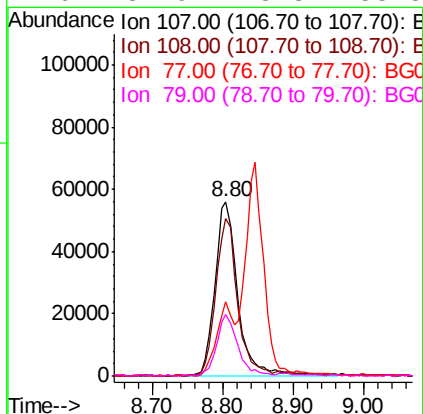
Instrument :
BNA_G
ClientSampleId :
PB124226BSD

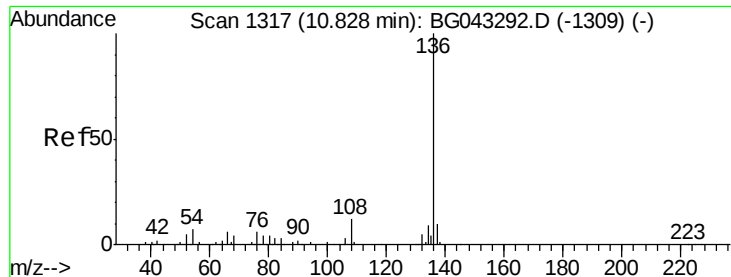
Tot Ion:	70	Resp:	77067
Ion	Ratio	Lower	Upper
70	100		
42	58.3	46.2	69.2
101	8.3	8.6	13.0#
130	22.7	18.6	27.8



#20
3+4-Methylphenols
Concen: 41.926 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion:	107	Resp:	123635
Ion	Ratio	Lower	Upper
107	100		
108	90.1	80.3	120.3
77	42.4	18.2	58.2
79	34.9	18.8	58.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

ClientSampleId :

PB124226BSD

Tot Ion:136 Resp: 160066

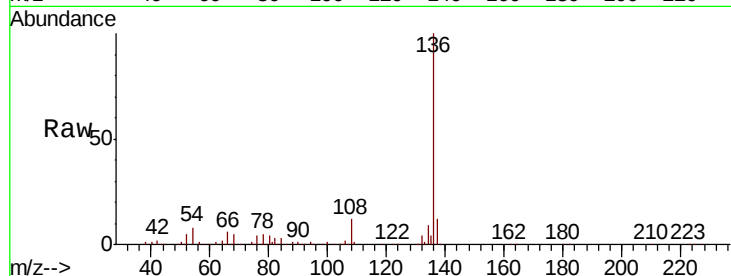
Ion Ratio Lower Upper

136 100

137 12.0 8.2 12.2

54 8.2 5.4 8.2#

68 4.6 3.3 4.9

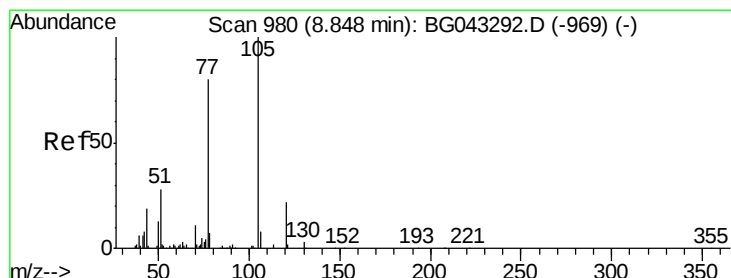
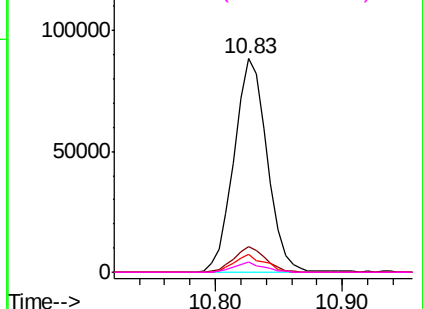
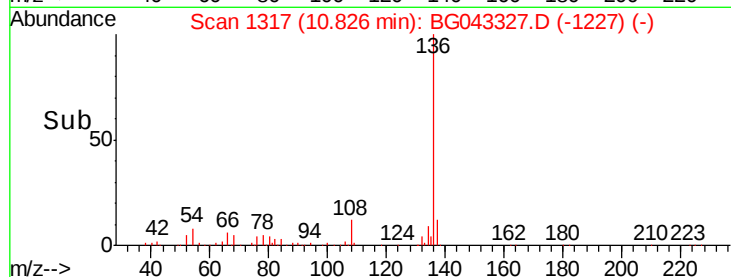


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.163 ng

RT: 8.85 min Scan# 980

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Tgt Ion:105 Resp: 152334

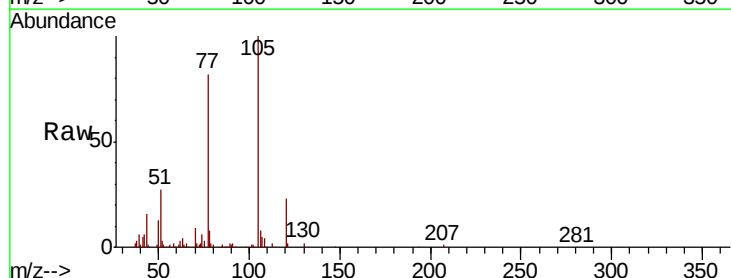
Ion Ratio Lower Upper

105 100

71 1.9 1.5 2.3

51 27.5 23.9 35.9

120 22.6 17.3 25.9

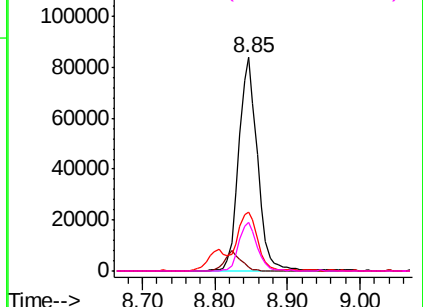
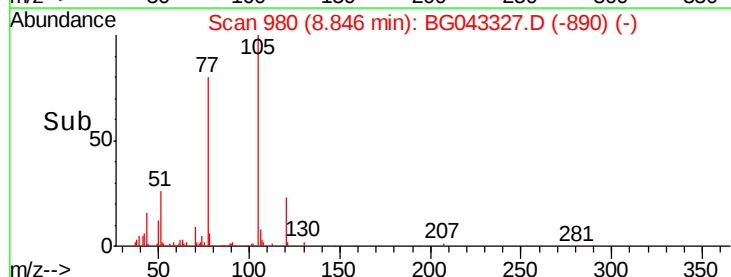


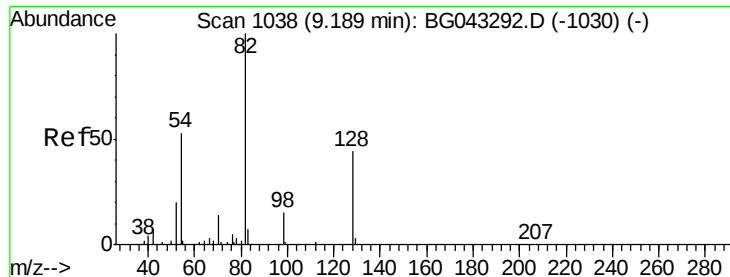
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

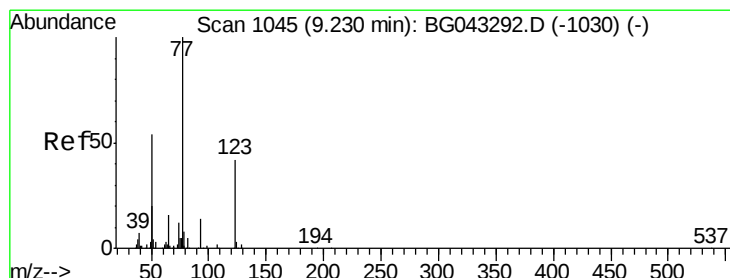
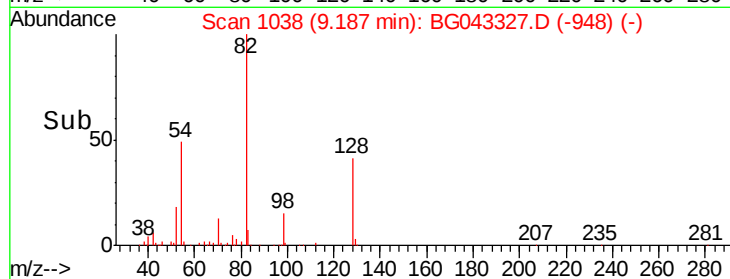
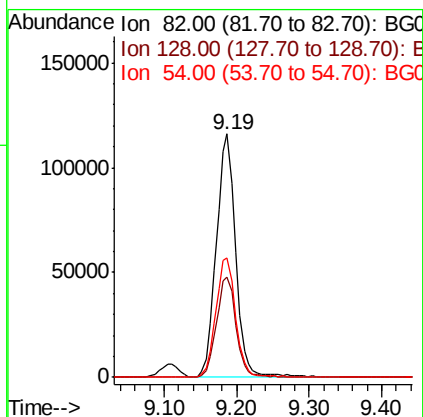
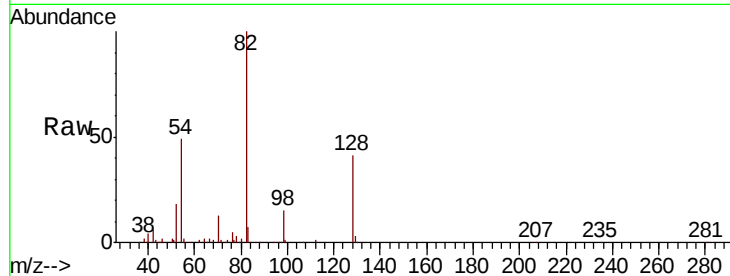




#23
 Nitrobenzene-d5
 Concen: 69.030 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

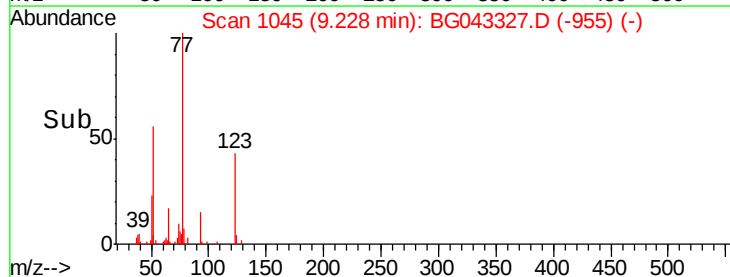
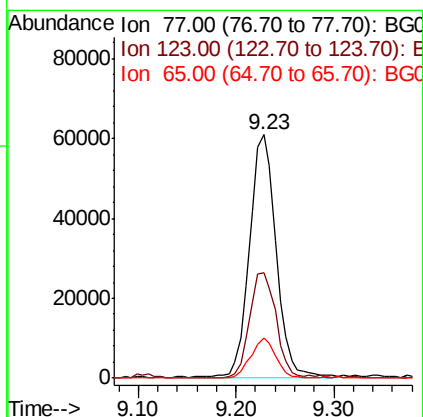
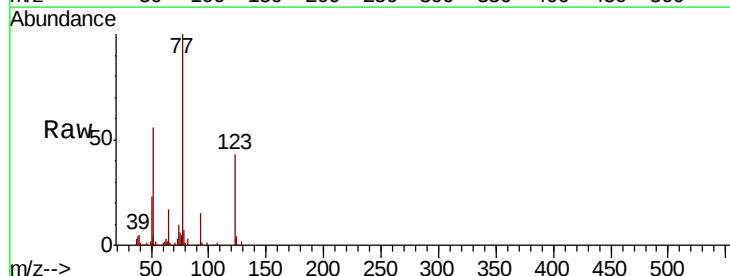
Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

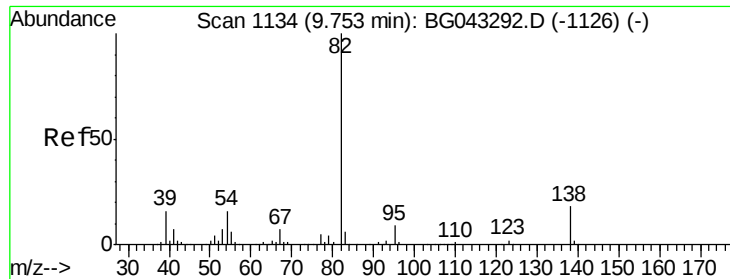
Tot Ion	82	Resp	214323
Ion Ratio	Lower	Upper	
82	100		
128	41.4	35.3	52.9
54	49.2	42.3	63.5



#24
 Nitrobenzene
 Concen: 39.600 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Tgt Ion	77	Resp	117124
Ion Ratio	Lower	Upper	
77	100		
123	43.2	33.8	50.8
65	16.6	13.0	19.4

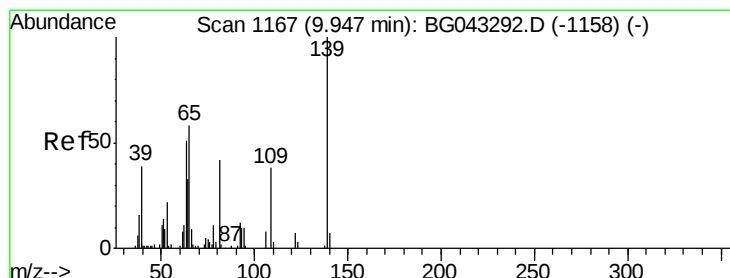
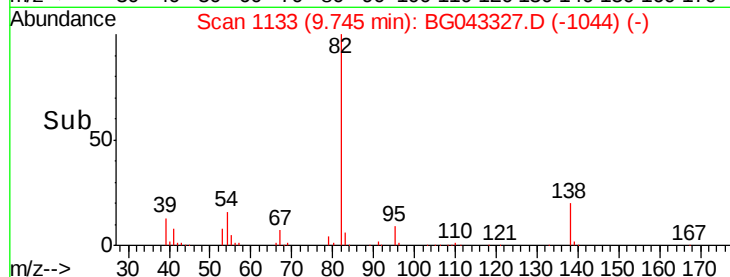
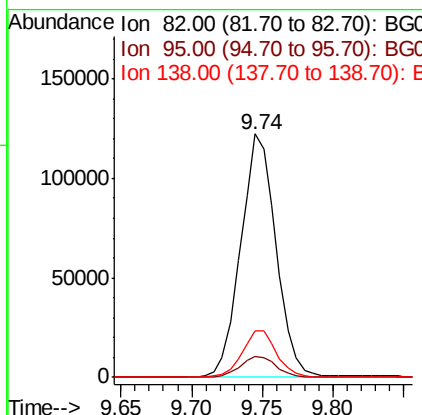
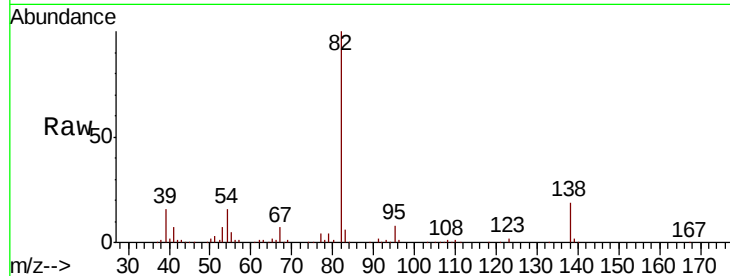




#25
Isophorone
Concen: 37.740 ng
RT: 9.74 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

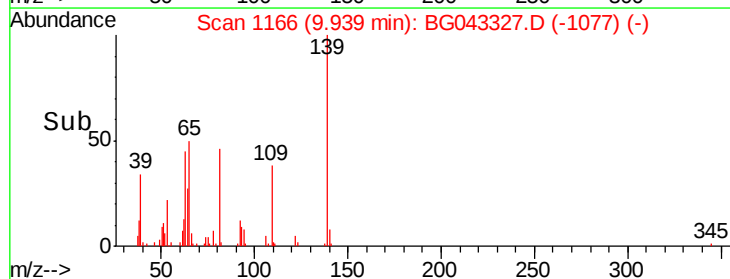
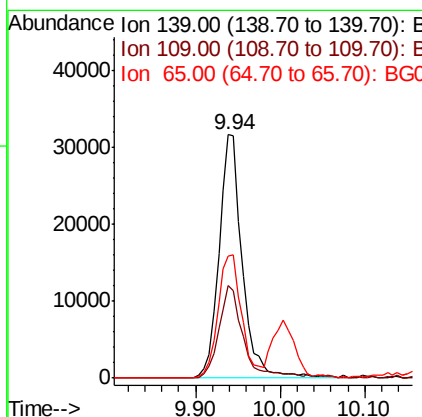
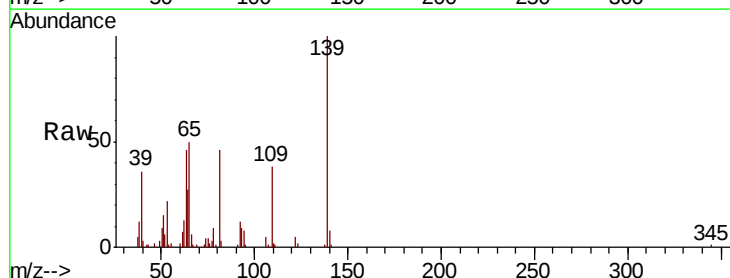
Instrument :
BNA_G
ClientSampleId :
PB124226BSD

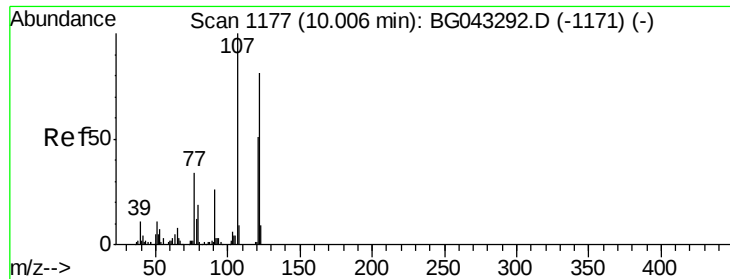
Tot Ion	82	Resp	214230
Ion Ratio	Lower	Upper	
82	100		
95	8.3	6.9	10.3
138	19.1	14.2	21.2



#26
2-Nitrophenol
Concen: 42.416 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	139	Resp	60566
Ion Ratio	Lower	Upper	
139	100		
109	37.9	30.1	45.1
65	50.2	46.1	69.1

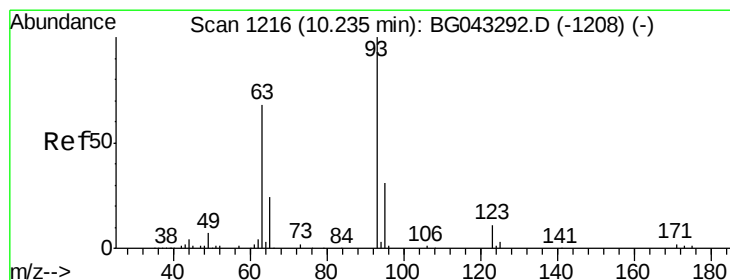
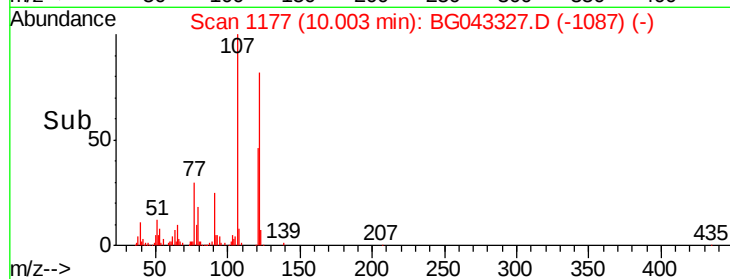
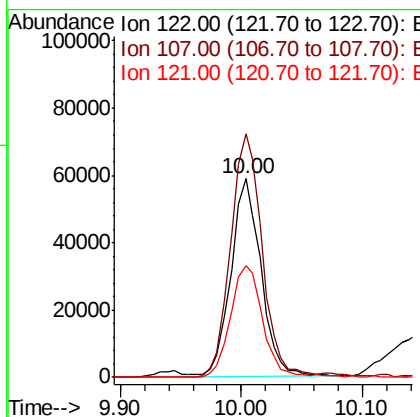
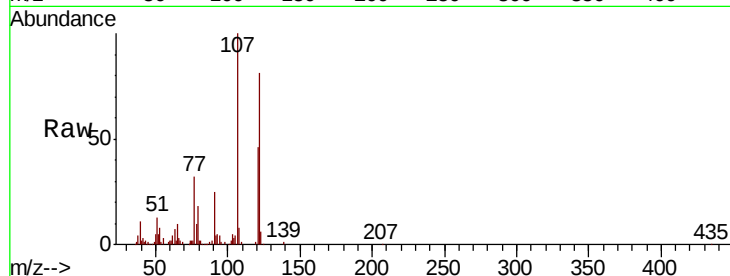




#27
 2,4-Dimethylphenol
 Concen: 49.768 ng
 RT: 10.00 min Scan# 1177
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

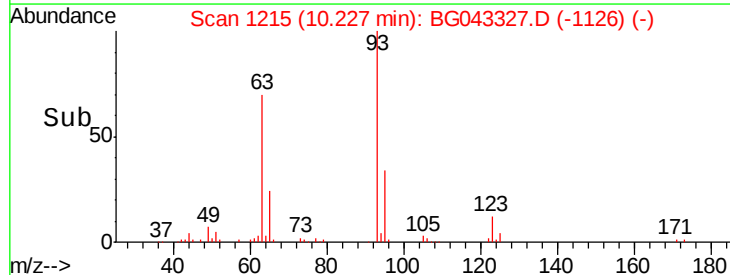
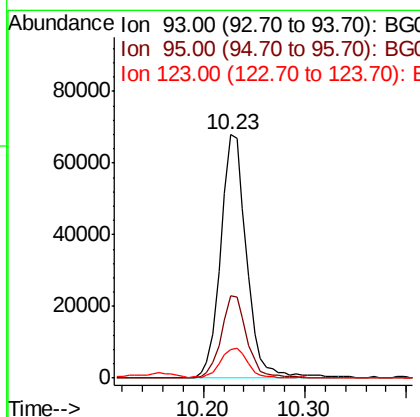
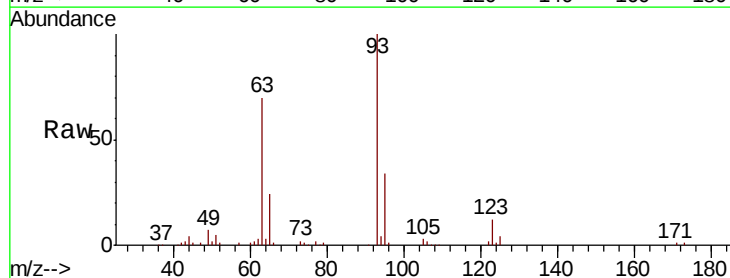
Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	122.8	98.6	147.8
121	56.3	50.1	75.1



#28
 bis(2-Chloroethoxy)methane
 Concen: 38.597 ng
 RT: 10.23 min Scan# 1215
 Delta R.T. -0.01 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.8	24.9	37.3
123	11.8	8.9	13.3

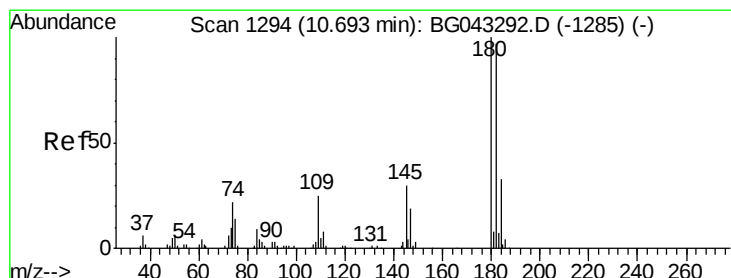
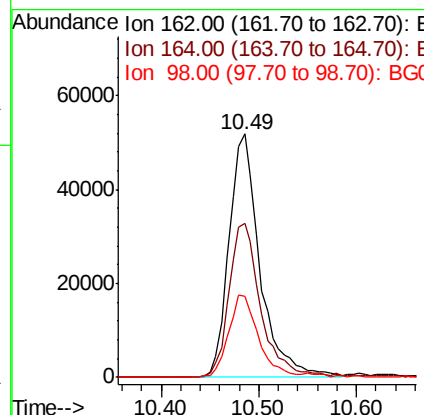
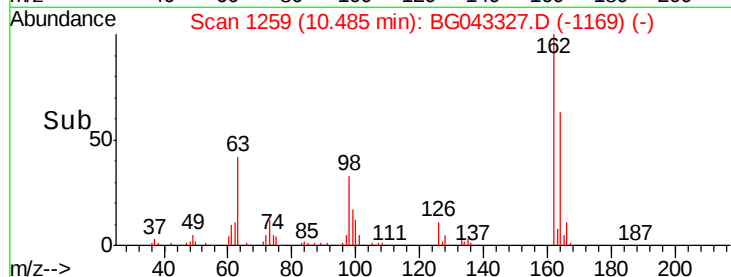
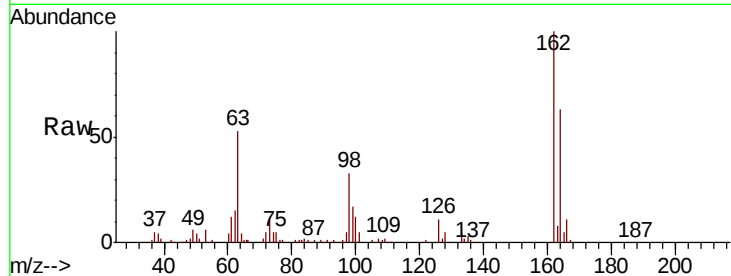




#29
 2,4-Dichlorophenol
 Concen: 43.570 ng
 RT: 10.49 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

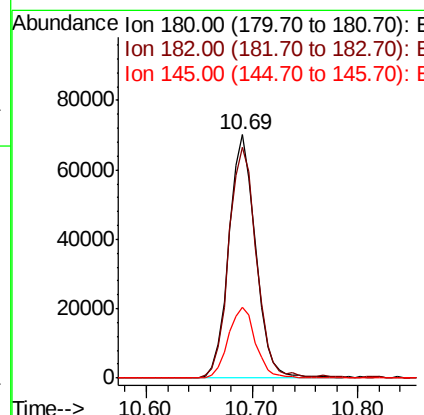
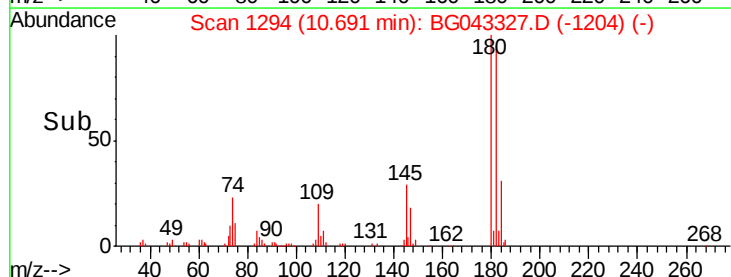
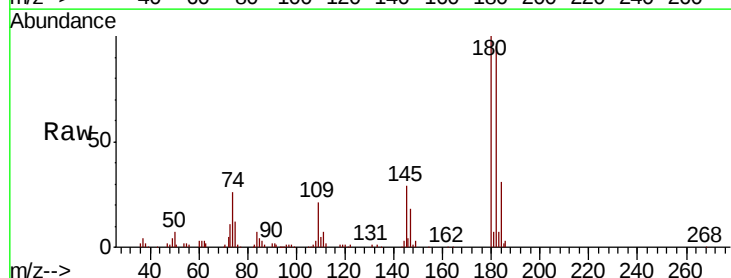
Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.2	37.3	77.3
98	33.5	11.8	51.8



#30
 1,2,4-Trichlorobenzene
 Concen: 37.200 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.1	77.8	116.8
145	28.9	23.6	35.4

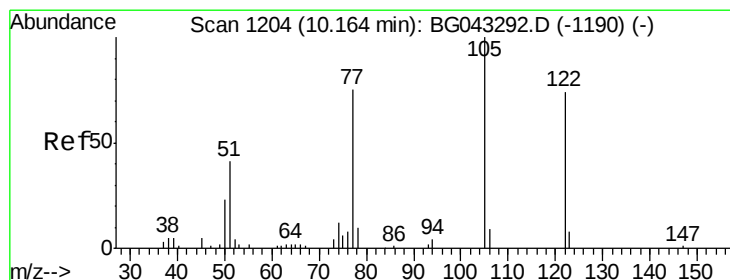
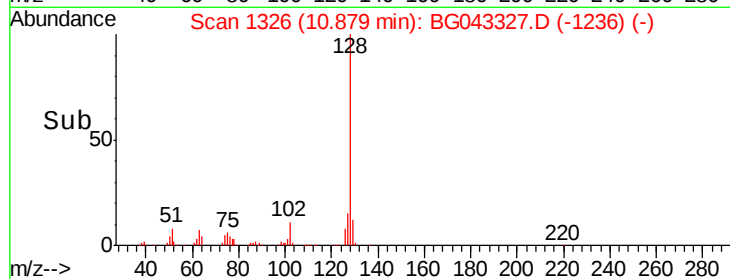
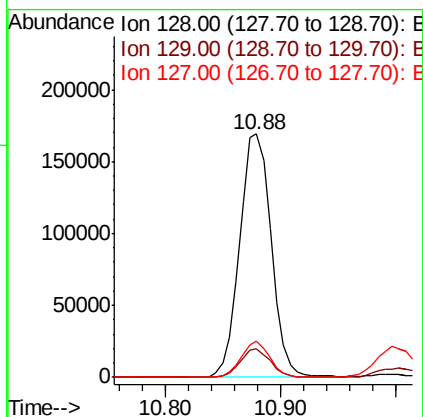
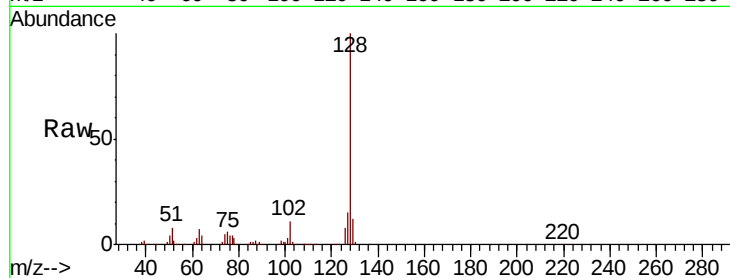




#31
Naphthalene
Concen: 39.668 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

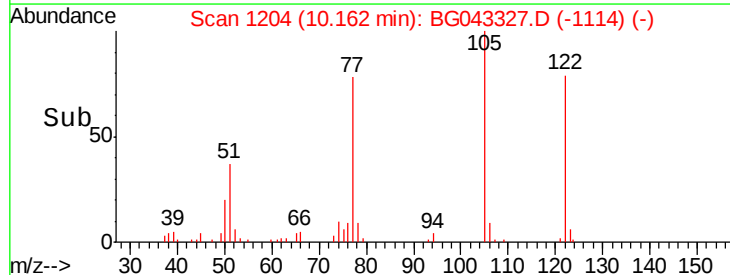
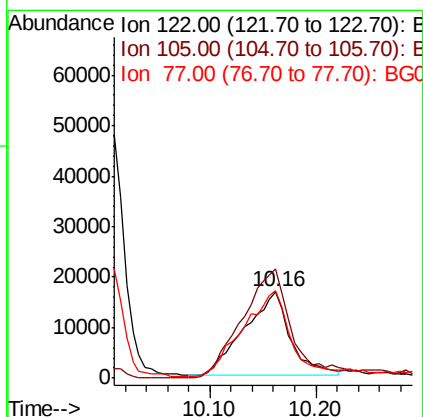
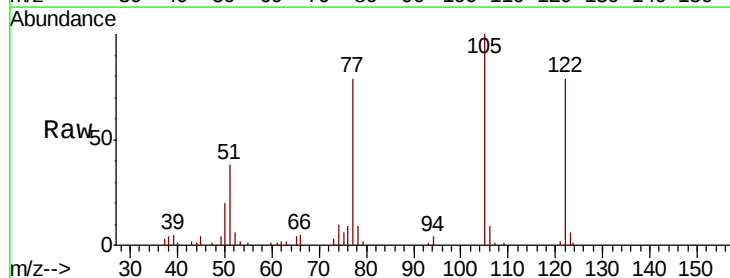
Instrument :
BNA_G
ClientSampleId :
PB124226BSD

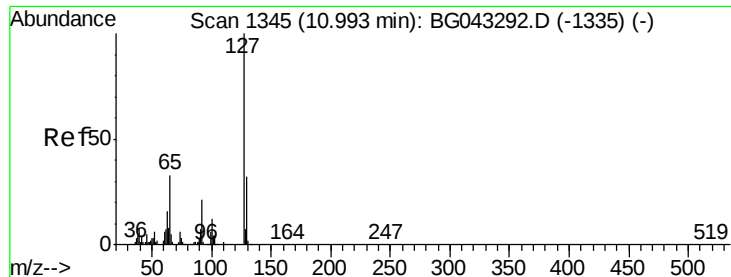
Tot Ion:128 Resp: 322295
Ion Ratio Lower Upper
128 100
129 11.5 8.6 12.8
127 14.8 11.5 17.3



#32
Benzoic acid
Concen: 35.220 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion:122 Resp: 50399
Ion Ratio Lower Upper
122 100
105 126.6 112.4 152.4
77 100.5 82.7 122.7

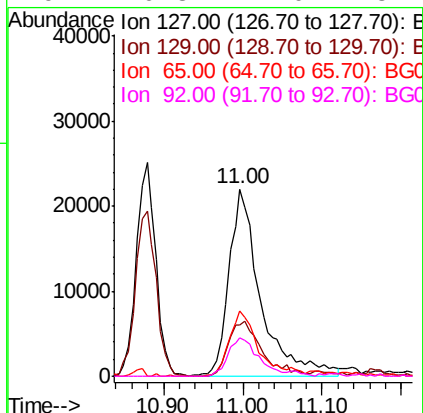
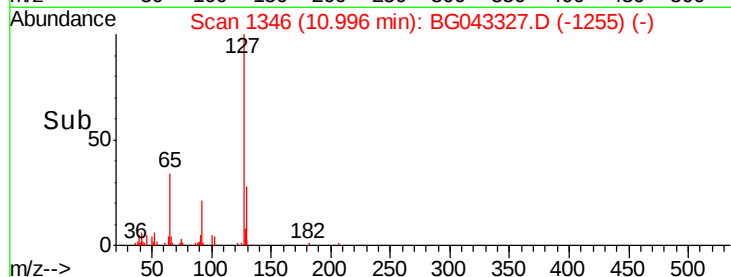
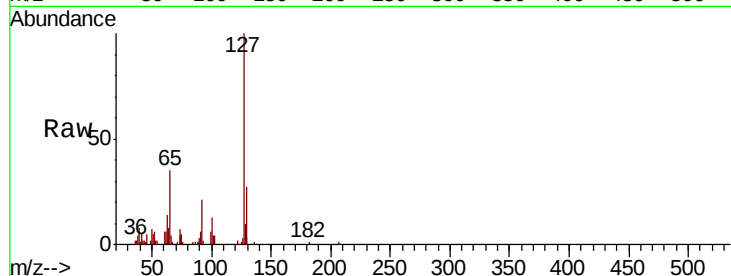




#33
4-Chloroaniline
Concen: 18.297 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

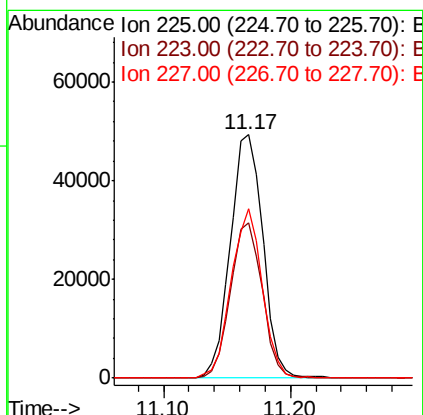
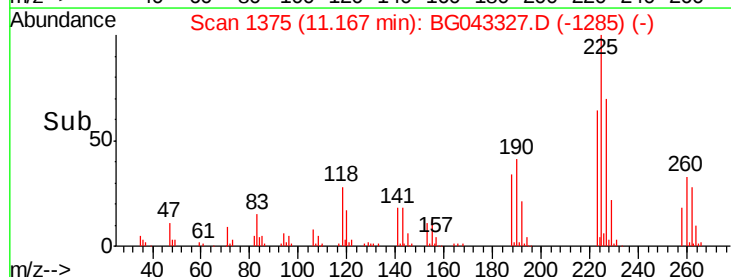
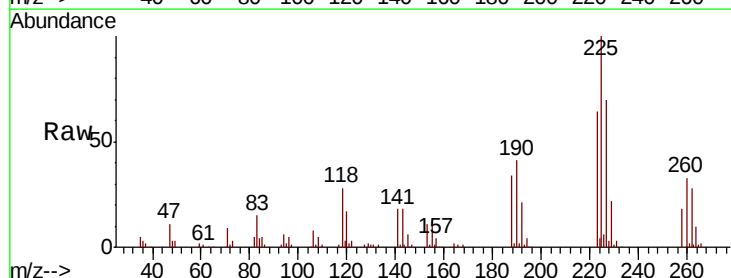
Instrument :
BNA_G
ClientSampleId :
PB124226BSD

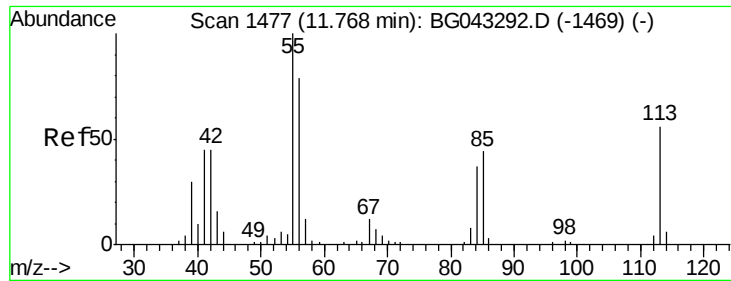
Tot Ion:127 Resp: 60938
Ion Ratio Lower Upper
127 100
129 27.4 25.8 38.8
65 35.1 26.2 39.2
92 20.8 17.0 25.4



#34
Hexachlorobutadiene
Concen: 35.751 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion:225 Resp: 87344
Ion Ratio Lower Upper
225 100
223 64.0 53.2 79.8
227 69.6 56.2 84.2





#35

Caprolactam

Concen: 20.644 ng

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

ClientSampleId :

PB124226BSD

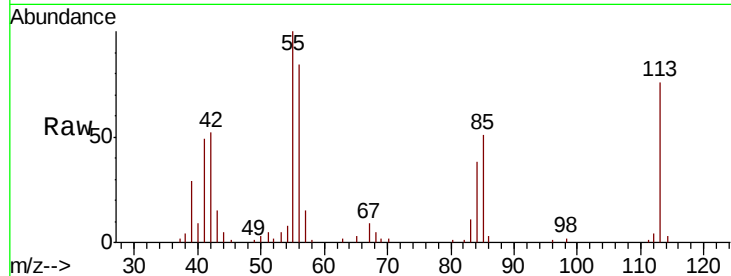
Tot Ion:113 Resp: 18644

Ion Ratio Lower Upper

113 100

55 131.0 158.9 198.9#

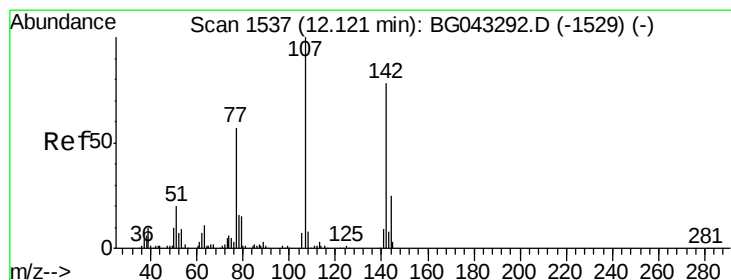
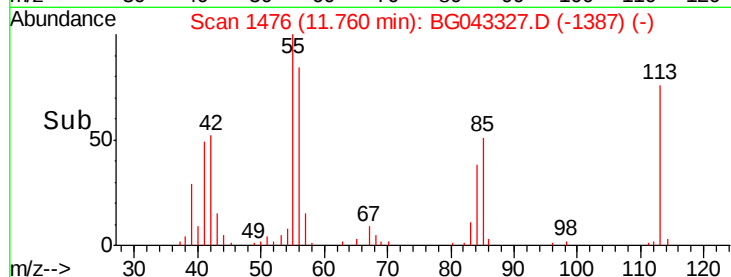
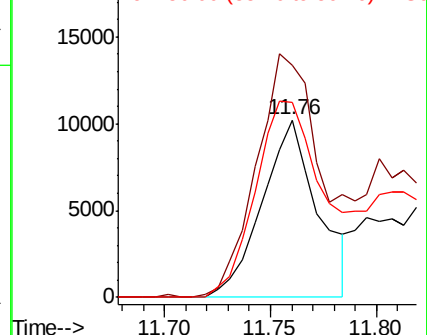
56 110.4 121.4 161.4#



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BGC

Ion 56.00 (55.70 to 56.70): BGC



#36

4-Chloro-3-methylphenol

Concen: 42.553 ng

RT: 12.12 min Scan# 1537

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

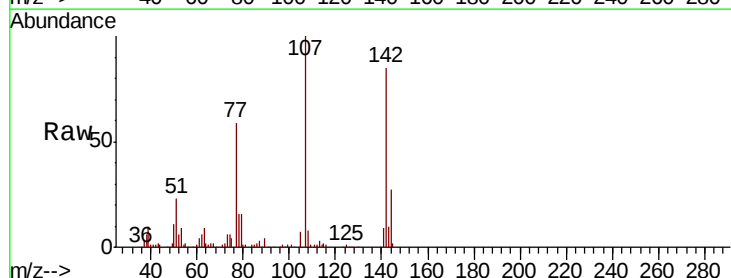
Tgt Ion:107 Resp: 121714

Ion Ratio Lower Upper

107 100

144 27.0 19.9 29.9

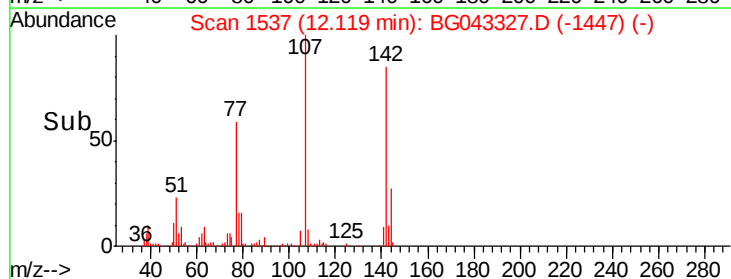
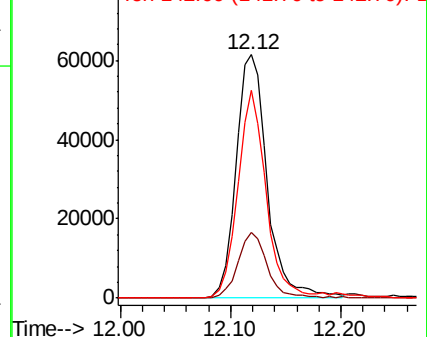
142 85.1 62.1 93.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

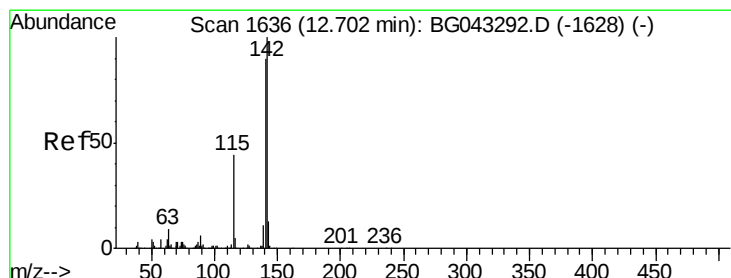
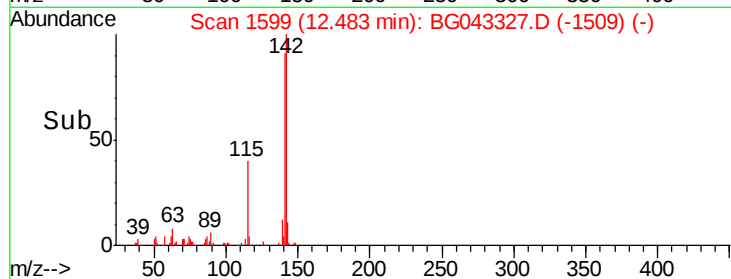
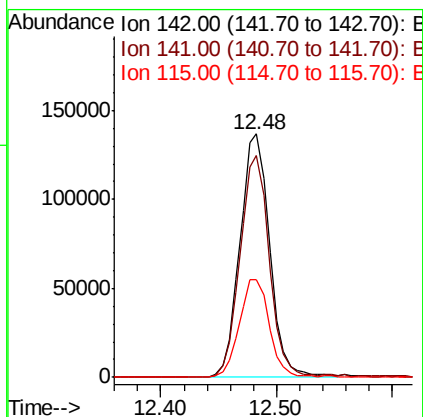
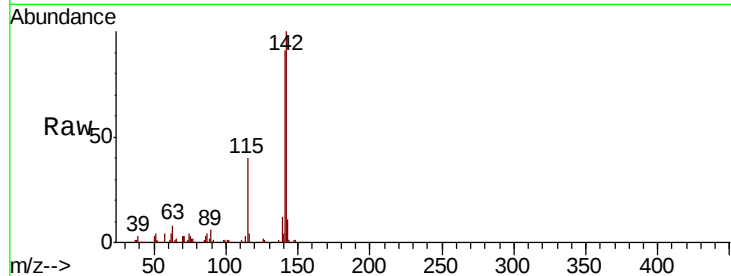




#37
2-Methylnaphthalene
Concen: 39.400 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

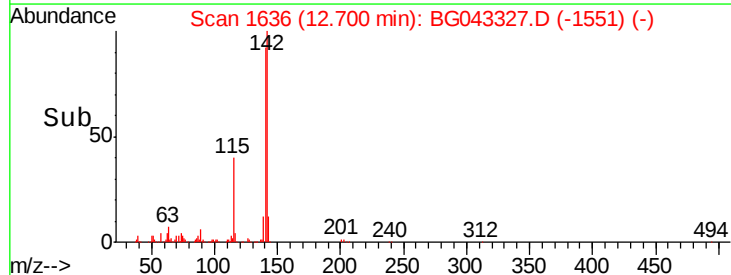
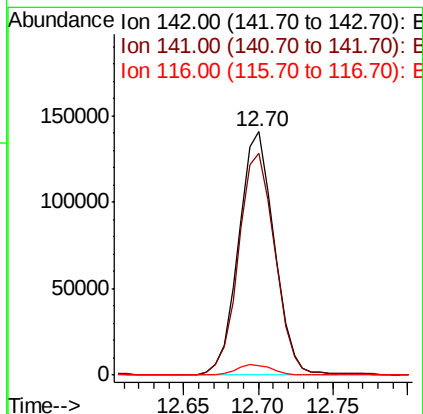
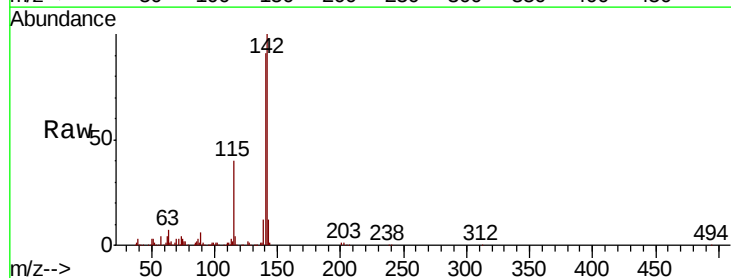
Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.1	69.7	104.5
115	40.2	30.6	46.0



#38
1-Methylnaphthalene
Concen: 39.103 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	72.3	108.5
116	4.0	3.8	5.6





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

ClientSampleId :

PB124226BSD

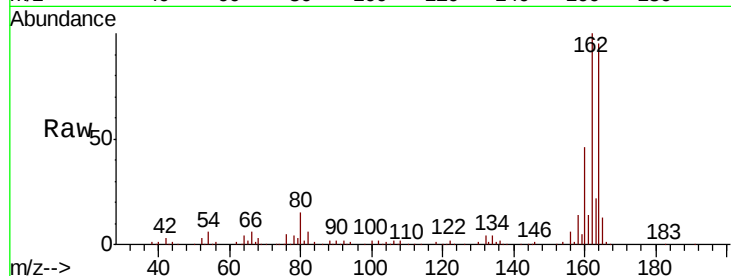
Tot Ion:164 Resp: 117304

Ion Ratio Lower Upper

164 100

162 104.7 87.0 130.4

160 47.8 35.5 53.3

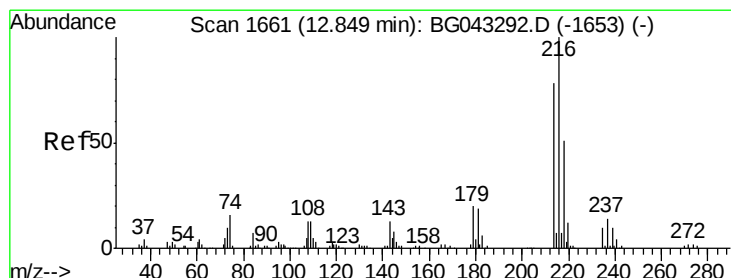
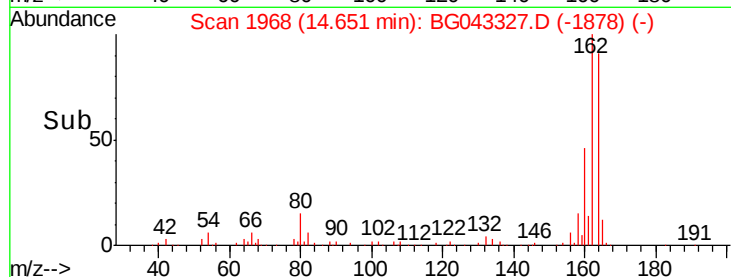
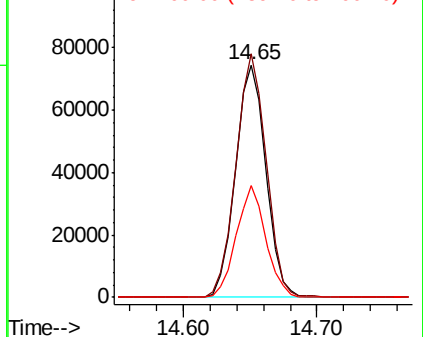


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 36.725 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Tgt Ion:216 Resp: 159434

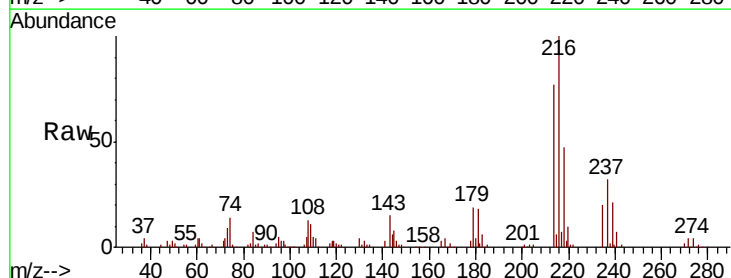
Ion Ratio Lower Upper

216 100

214 80.3 63.5 95.3

179 20.0 16.2 24.2

108 16.5 11.2 16.8



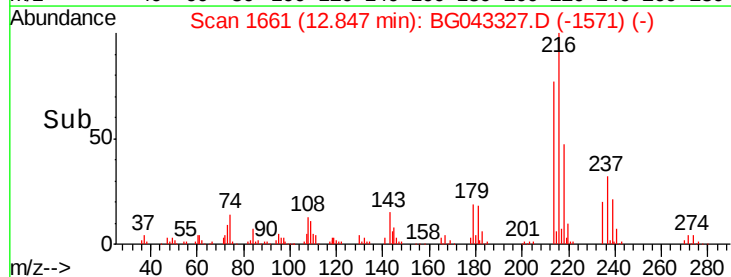
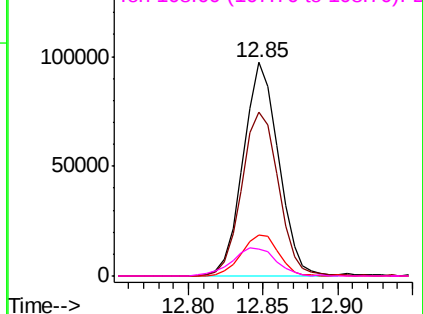
Abundance

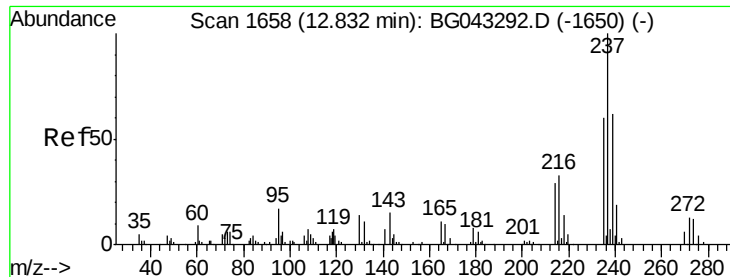
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 92.492 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

ClientSampleId :

PB124226BSD

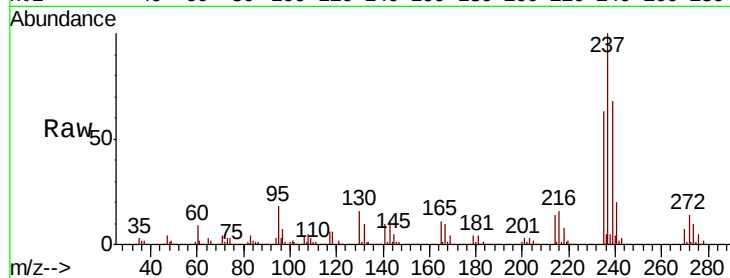
Tot Ion:237 Resp: 210926

Ion	Ratio	Lower	Upper
237	100		
235	63.0	40.3	80.3
272	13.6	0.0	32.9

237 100

235 63.0 40.3 80.3

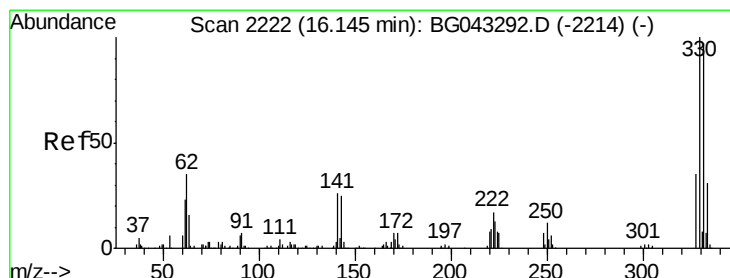
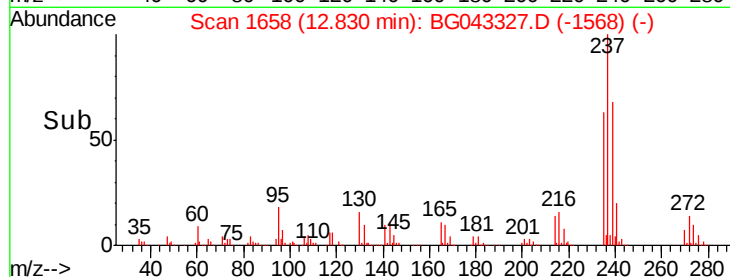
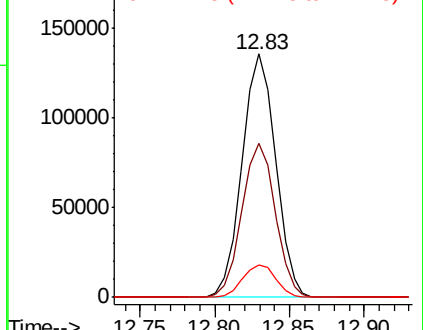
272 13.6 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 67.848 ng

RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

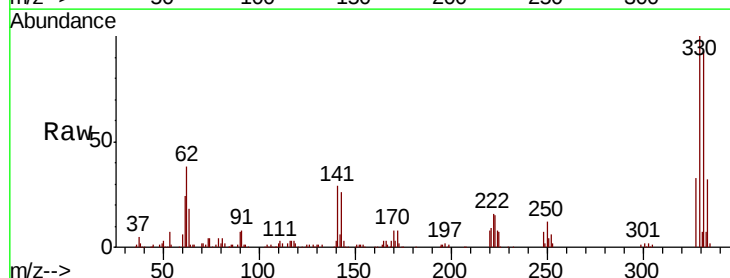
Tgt Ion:330 Resp: 151457

Ion	Ratio	Lower	Upper
330	100		
332	93.7	76.4	114.6
141	27.0	21.4	32.0

330 100

332 93.7 76.4 114.6

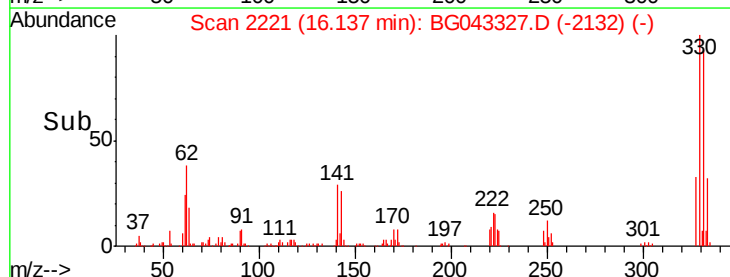
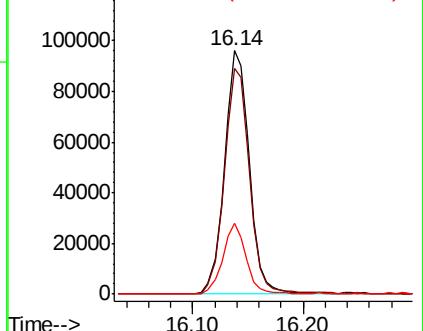
141 27.0 21.4 32.0

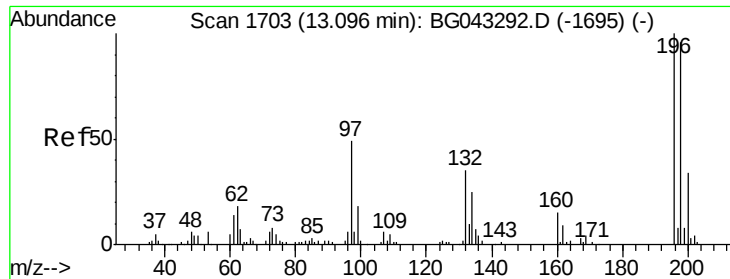


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

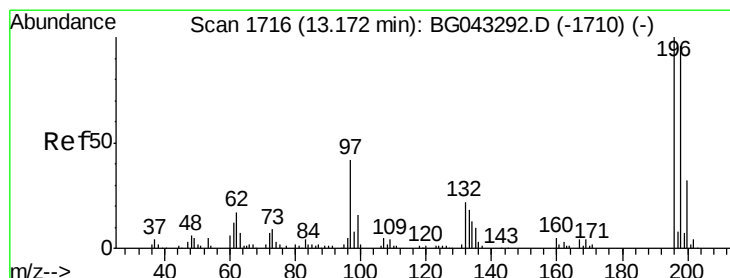
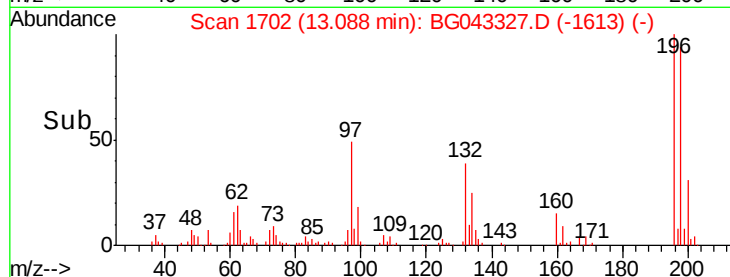
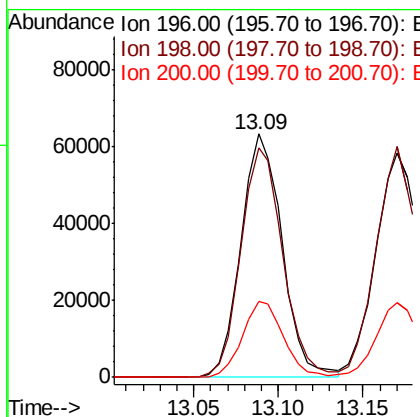
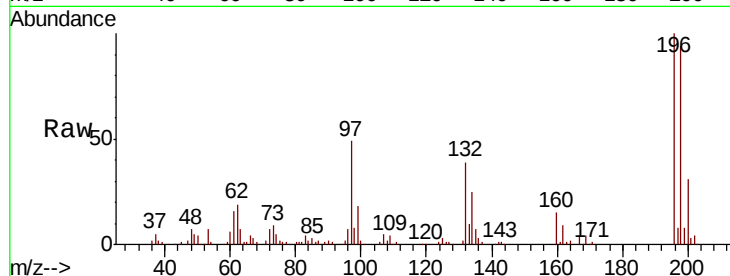




#43
 2,4,6-Trichlorophenol
 Concen: 42.009 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

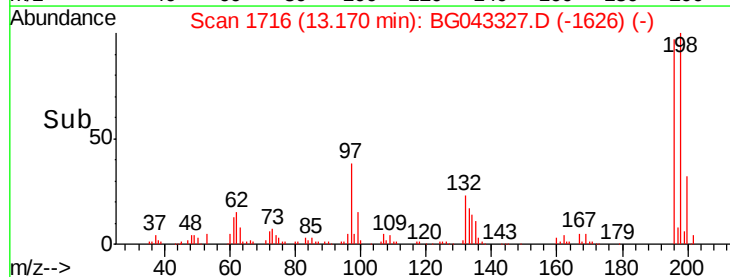
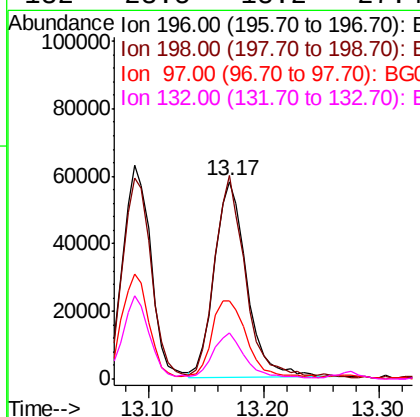
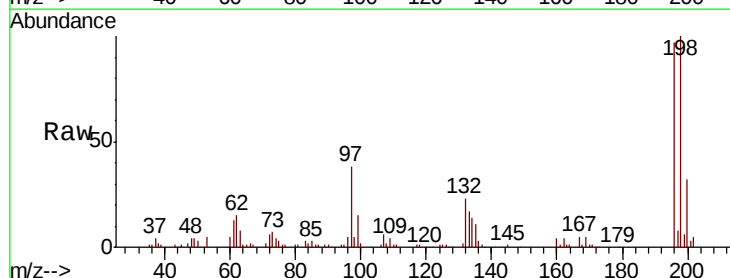
Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

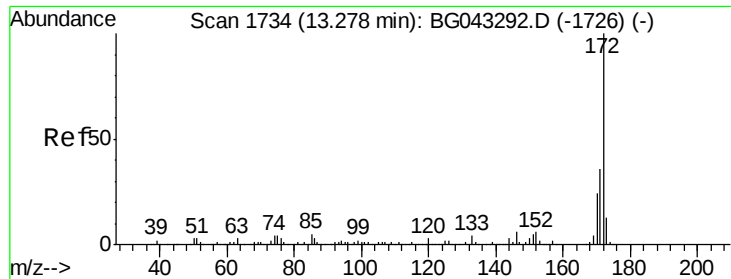
Tot Ion:196 Resp: 107401
 Ion Ratio Lower Upper
 196 100
 198 94.1 77.0 115.4
 200 31.3 27.4 41.2



#44
 2,4,5-Trichlorophenol
 Concen: 43.795 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Tgt Ion:196 Resp: 113196
 Ion Ratio Lower Upper
 196 100
 198 102.8 76.6 114.8
 97 39.4 34.1 51.1
 132 23.5 18.2 27.4

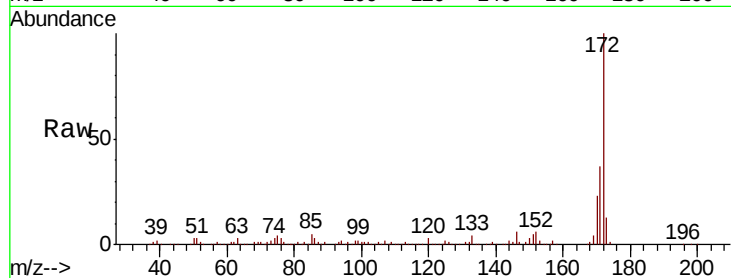




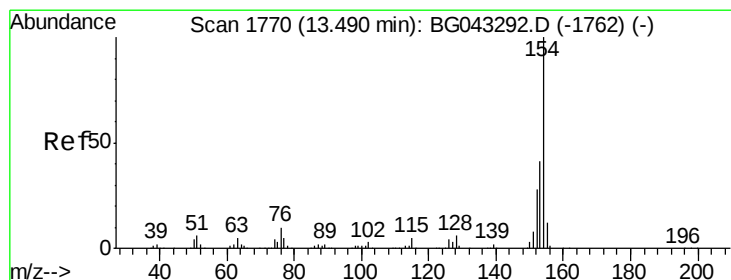
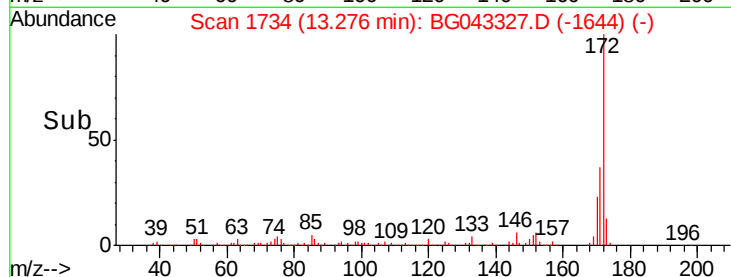
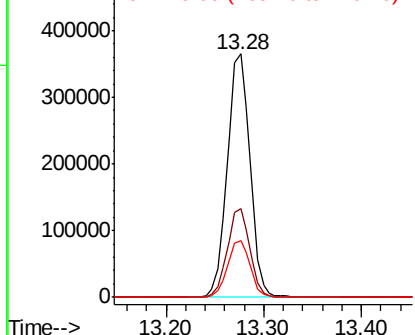
#45
 2-Fluorobiphenyl
 Concen: 69.418 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

Tot Ion:172 Resp: 589304
 Ion Ratio Lower Upper
 172 100
 171 36.6 28.5 42.7
 170 23.2 18.8 28.2

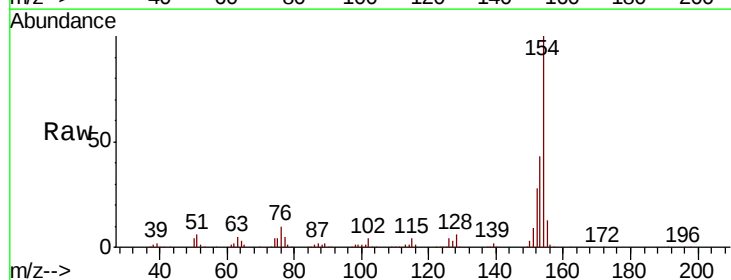


Abundance Ion 172.00 (171.70 to 172.70): E
 Ion 171.00 (170.70 to 171.70): E
 Ion 170.00 (169.70 to 170.70): E

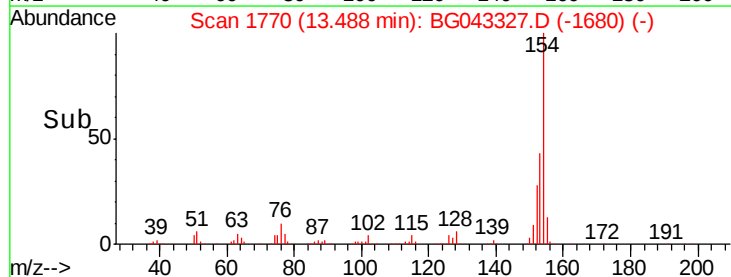
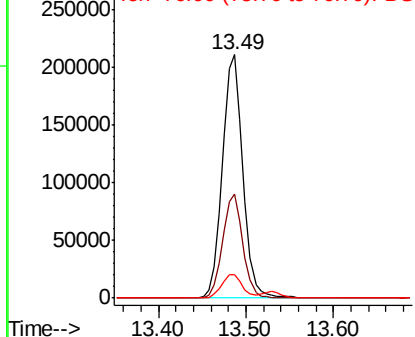


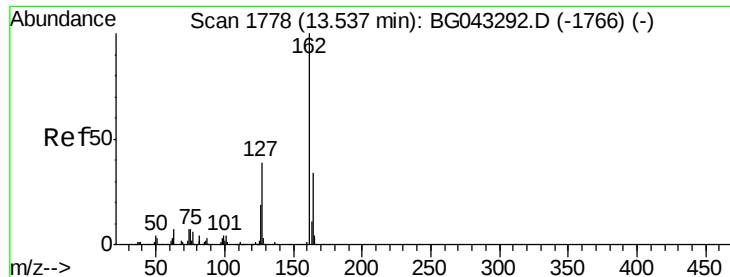
#46
 1,1'-Biphenyl
 Concen: 38.112 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Tgt Ion:154 Resp: 340108
 Ion Ratio Lower Upper
 154 100
 153 42.9 21.0 61.0
 76 9.9 0.0 29.8



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

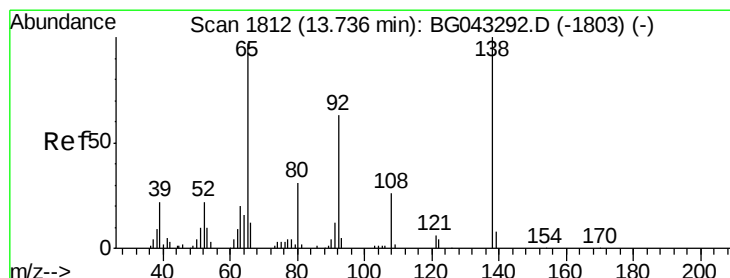
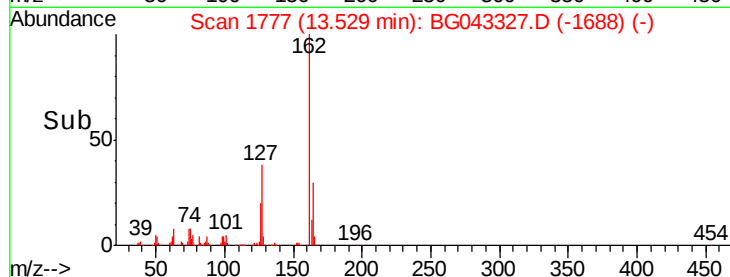
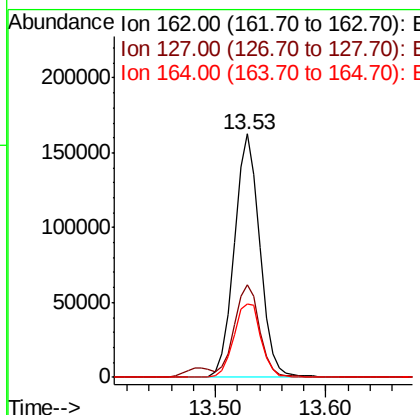
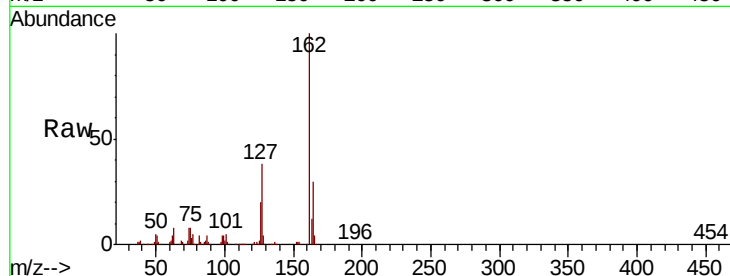




#47
2-Chloronaphthalene
Concen: 38.936 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

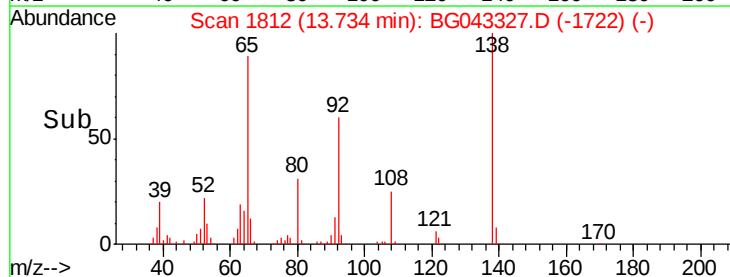
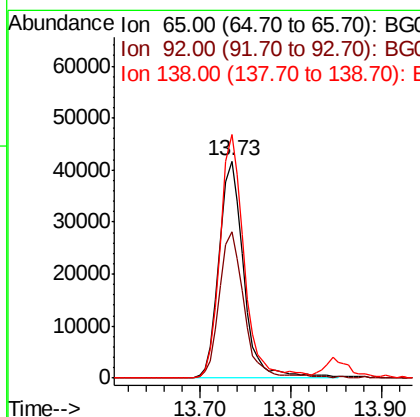
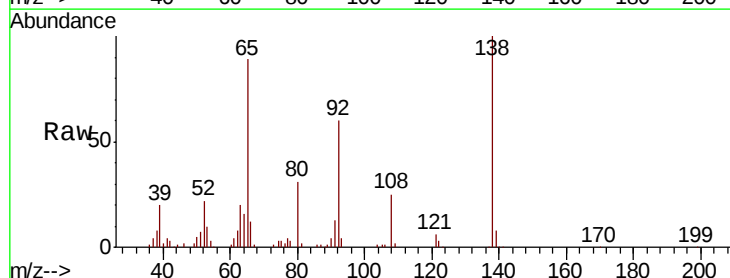
Instrument :
BNA_G
ClientSampleId :
PB124226BSD

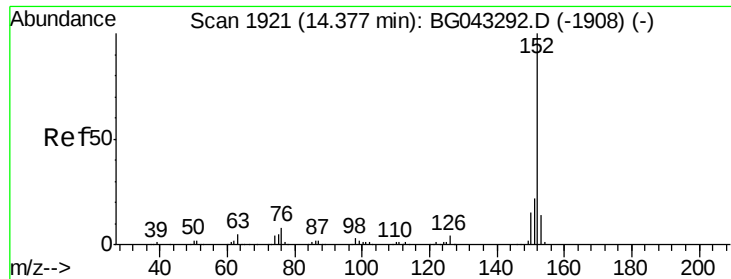
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	31.3	46.9
164	30.3	26.8	40.2



#48
2-Nitroaniline
Concen: 38.817 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
65	100		
92	67.4	52.6	79.0
138	112.2	82.9	124.3





#49

Acenaphthylene

Concen: 40.798 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

ClientSampleId :

PB124226BSD

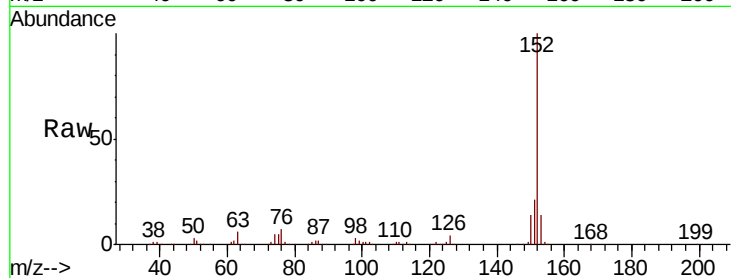
Tot Ion:152 Resp: 431130

Ion Ratio Lower Upper

152 100

151 20.5 17.2 25.8

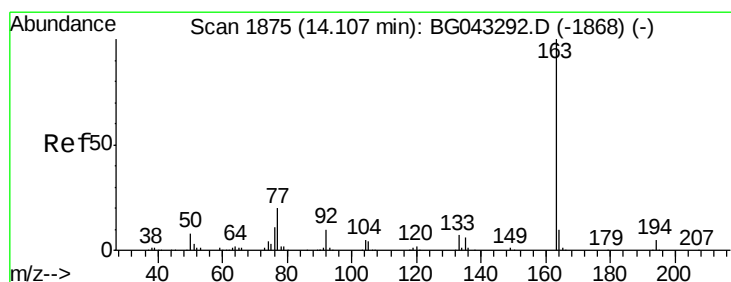
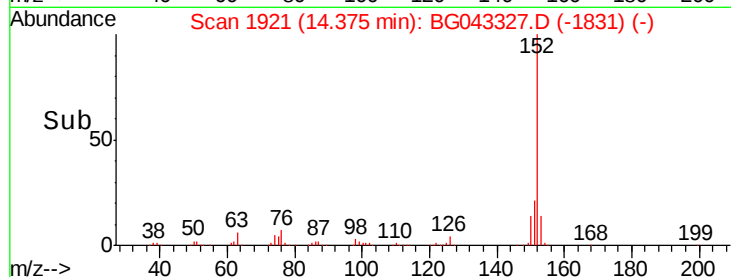
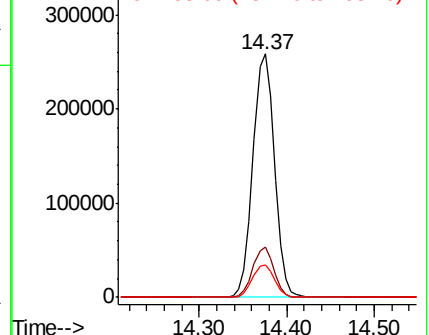
153 13.5 11.0 16.6



Abundance Ion 152.00 (151.70 to 152.70): E

Ion 151.00 (150.70 to 151.70): E

Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 38.846 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

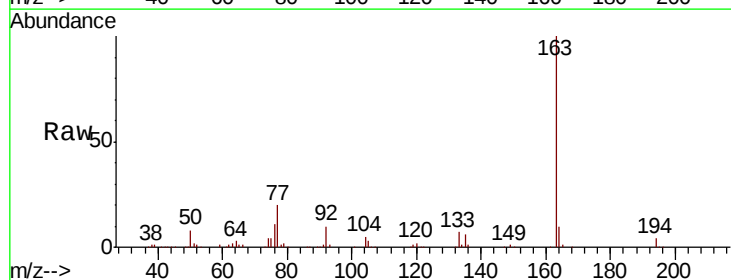
Tgt Ion:163 Resp: 352956

Ion Ratio Lower Upper

163 100

194 4.3 3.7 5.5

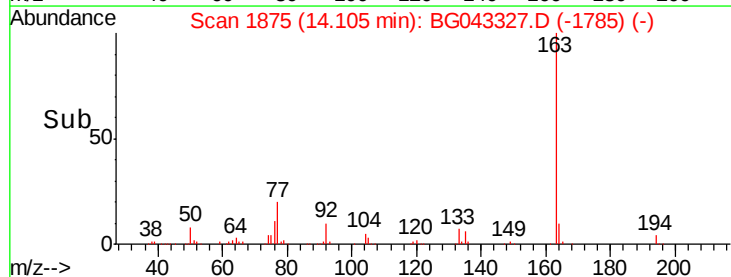
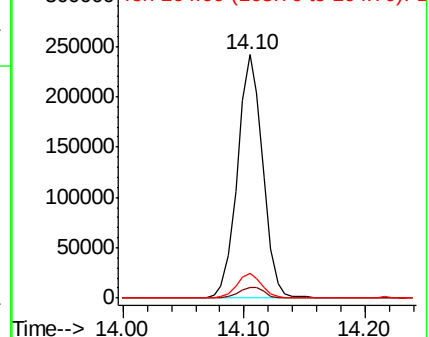
164 10.4 8.1 12.1

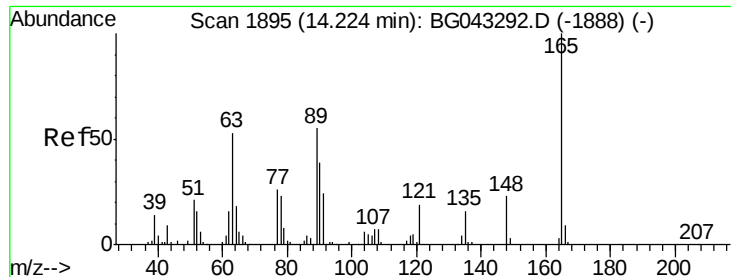


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 40.841 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

ClientSampleId :

PB124226BSD

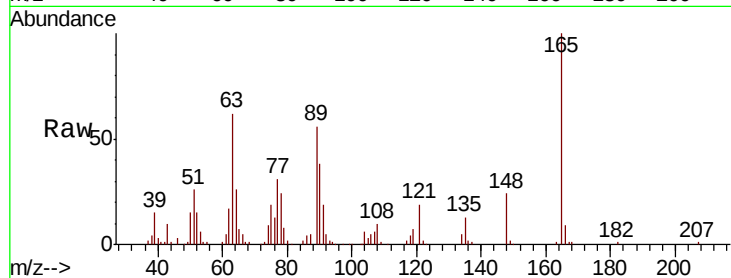
Tot Ion:165 Resp: 80617

Ion Ratio Lower Upper

165 100

63 61.6 47.1 70.7

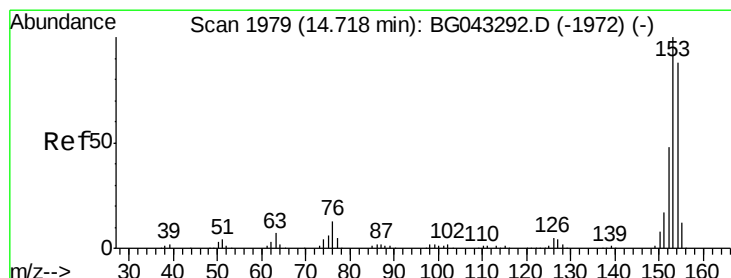
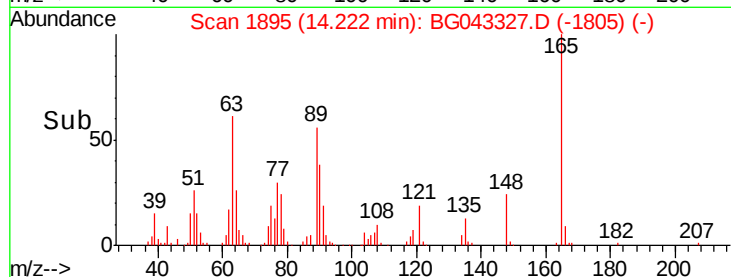
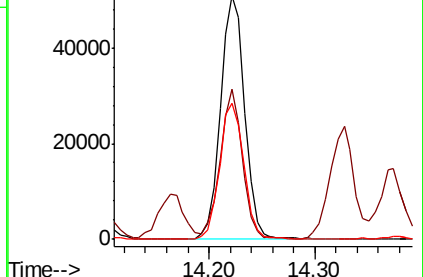
89 56.0 43.7 65.5



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG



#52

Acenaphthene

Concen: 39.639 ng

RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

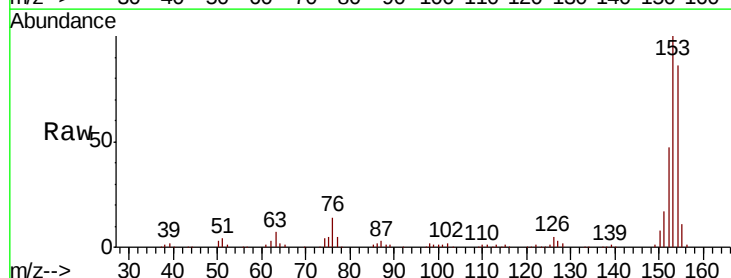
Tgt Ion:154 Resp: 255452

Ion Ratio Lower Upper

154 100

153 116.0 90.9 136.3

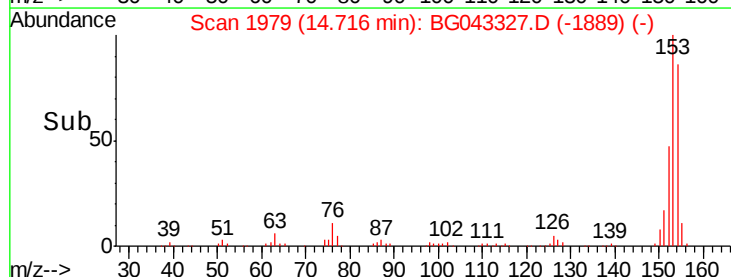
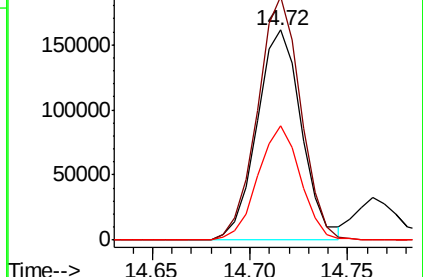
152 54.3 43.9 65.9

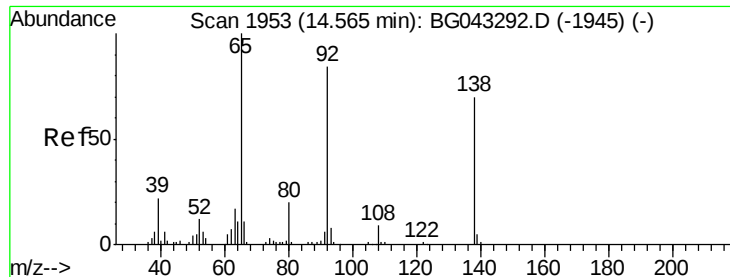


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

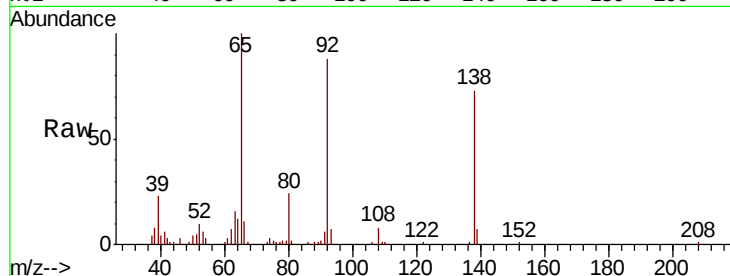




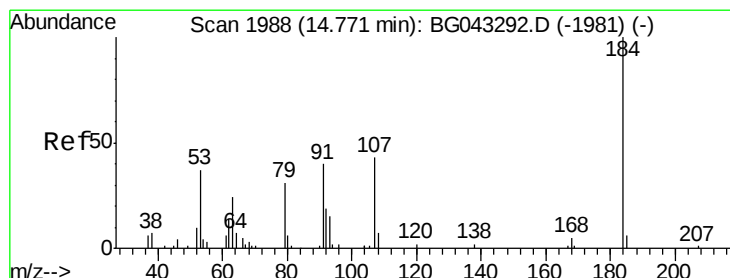
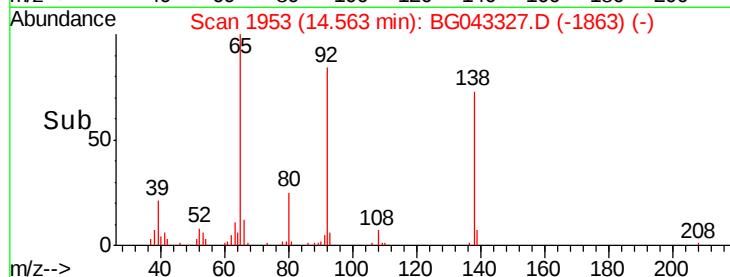
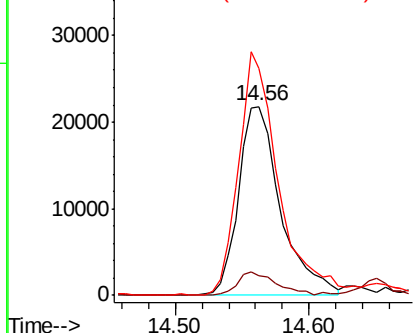
#53
3-Nitroaniline
Concen: 24.914 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion:138 Resp: 47480
Ion Ratio Lower Upper
138 100
108 10.3 9.8 14.6
92 120.1 95.8 143.6

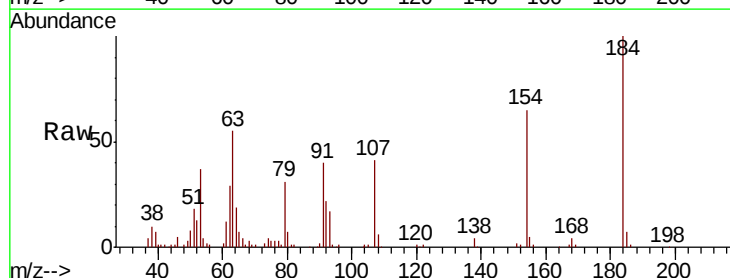


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

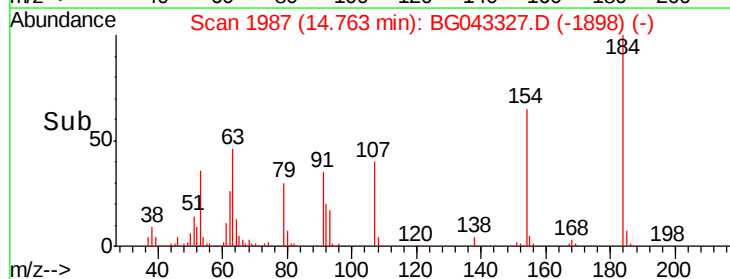
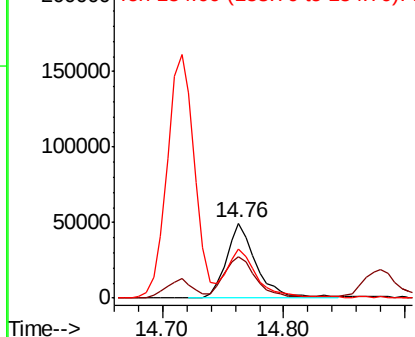


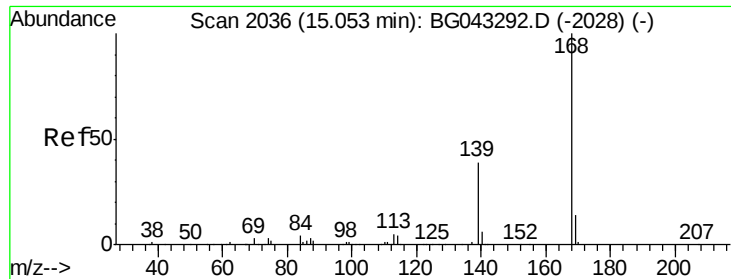
#54
2,4-Dinitrophenol
Concen: 69.969 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion:184 Resp: 85007
Ion Ratio Lower Upper
184 100
63 55.4 48.8 73.2
154 65.1 49.4 74.0



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

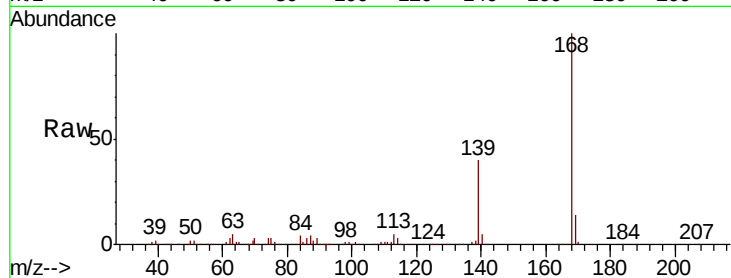




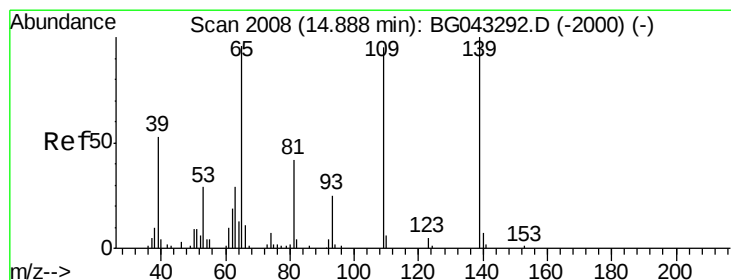
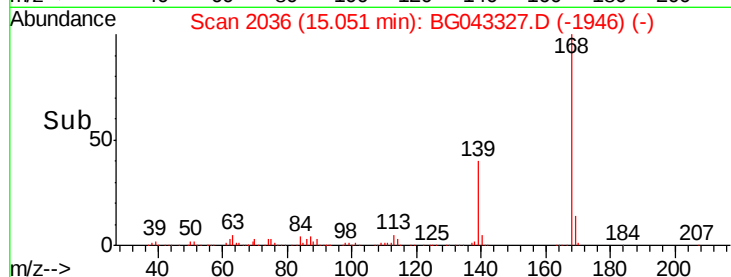
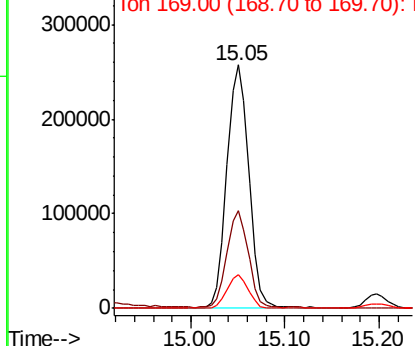
#55
Dibenzenofuran
Concen: 40.213 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion:168 Resp: 420253
Ion Ratio Lower Upper
168 100
139 40.0 31.7 47.5
169 13.6 11.0 16.4

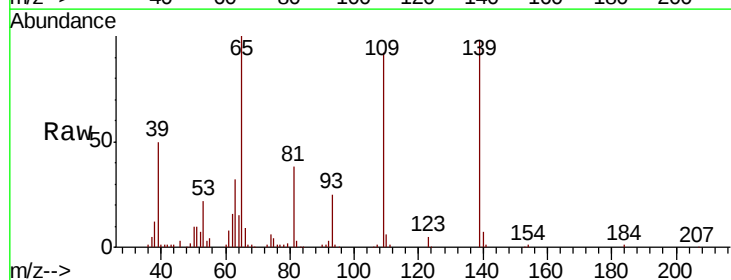


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

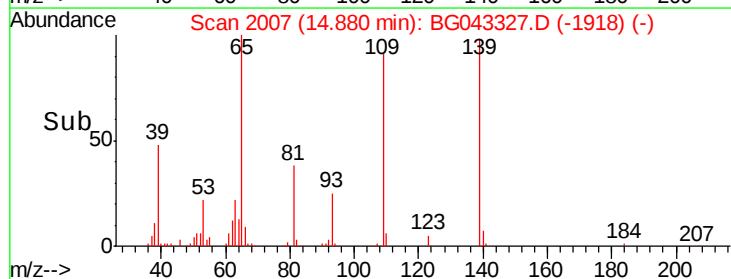
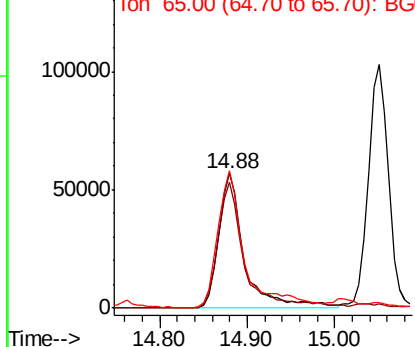


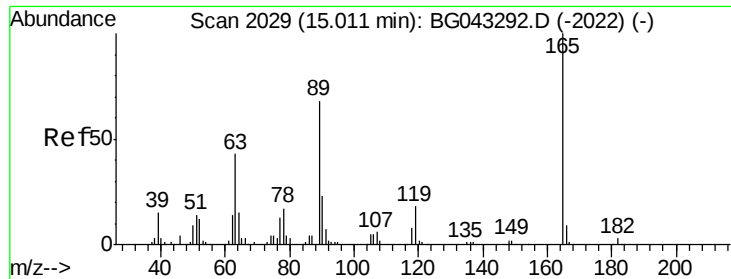
#56
4-Nitrophenol
Concen: 90.447 ng
RT: 14.88 min Scan# 2007
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion:139 Resp: 115512
Ion Ratio Lower Upper
139 100
109 94.1 75.4 115.4
65 102.5 76.6 116.6



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

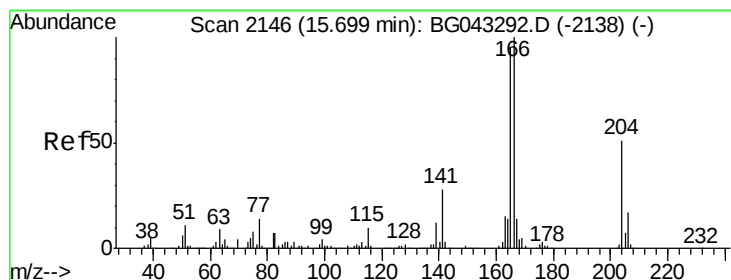
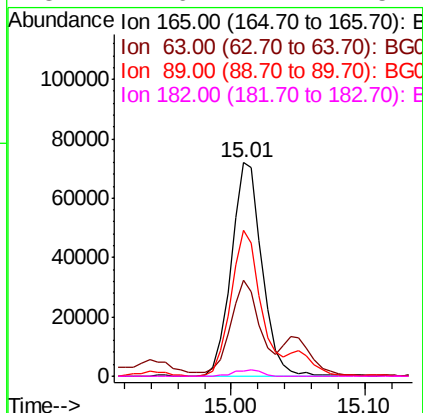
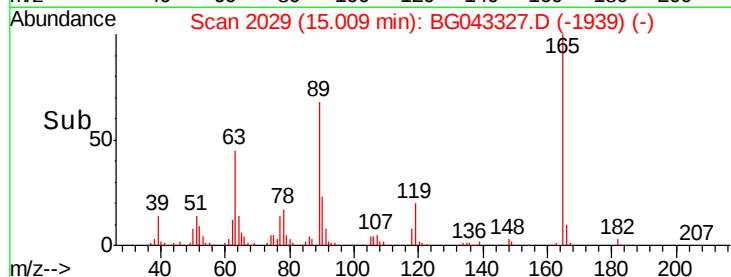
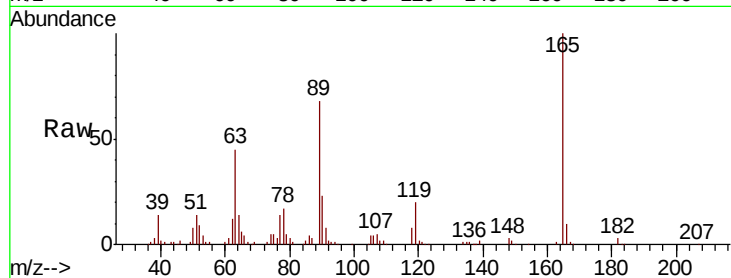




#57
2,4-Dinitrotoluene
Concen: 40.980 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

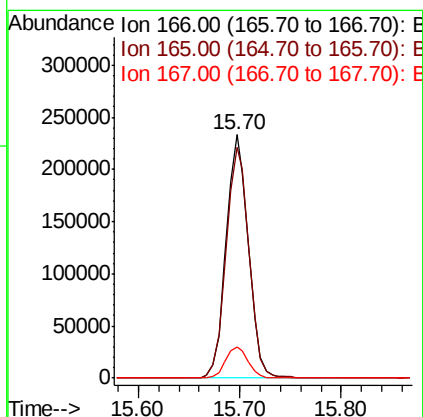
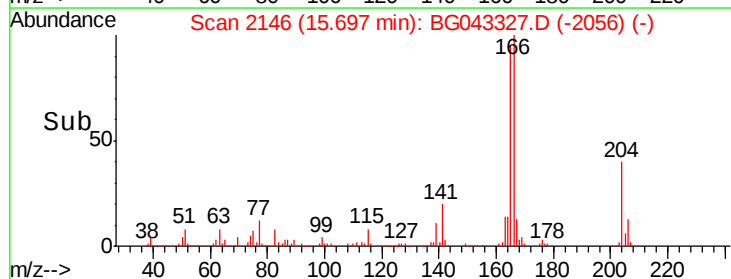
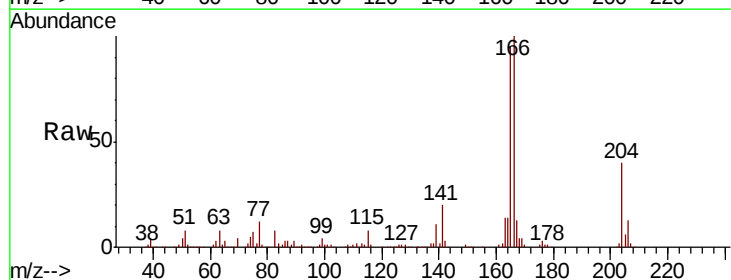
Instrument :
BNA_G
ClientSampleId :
PB124226BSD

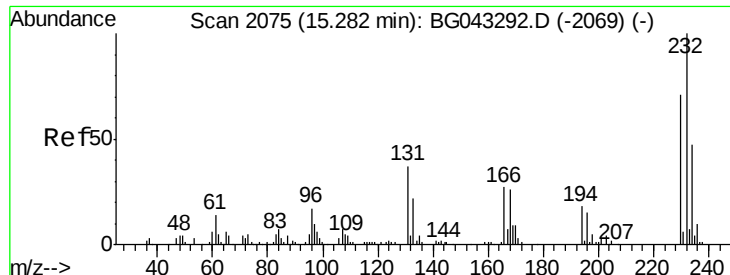
Tot Ion:165 Resp: 115602
Ion Ratio Lower Upper
165 100
63 44.9 35.0 52.6
89 68.3 54.1 81.1
182 2.6 2.2 3.2



#58
Fluorene
Concen: 40.605 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion:166 Resp: 355905
Ion Ratio Lower Upper
166 100
165 94.8 76.4 114.6
167 13.0 11.1 16.7

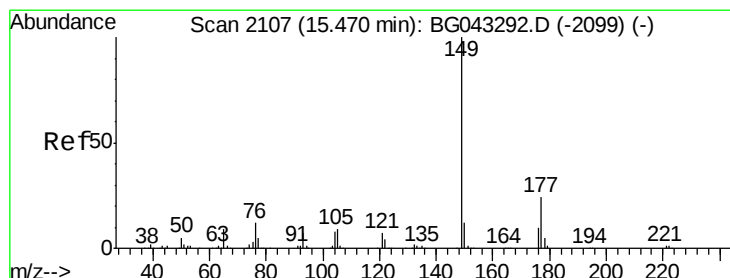
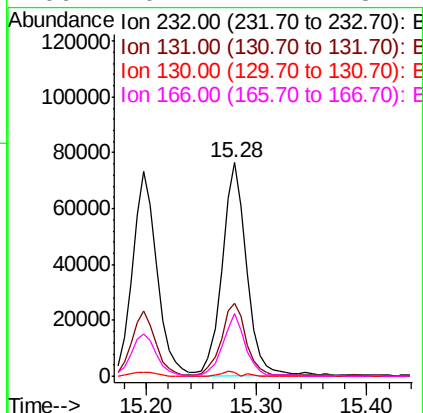
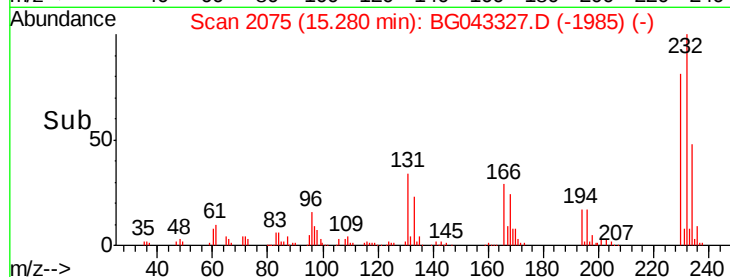
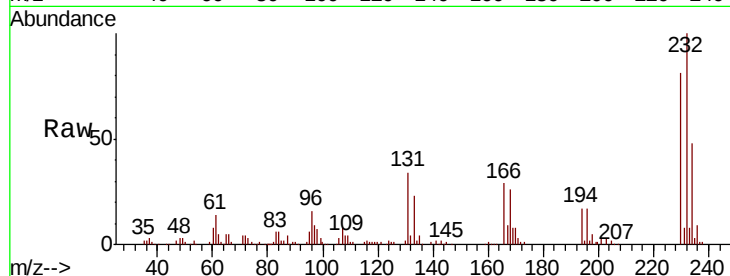




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 42.887 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

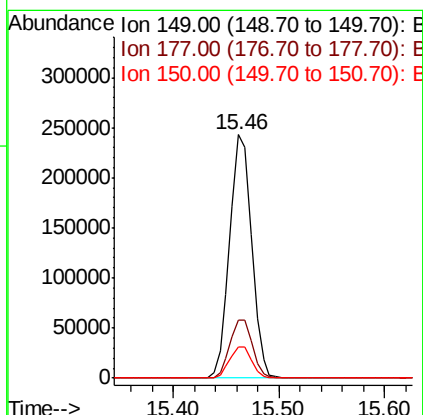
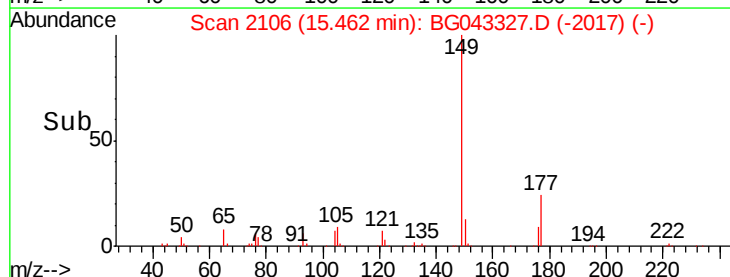
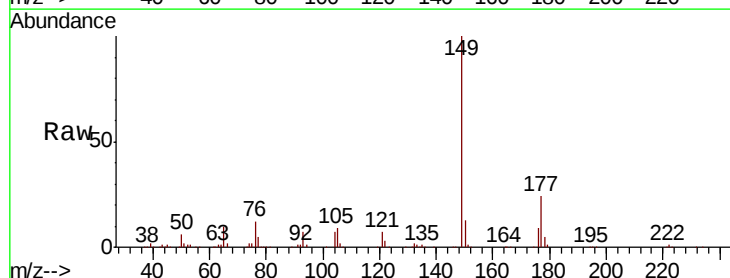
Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

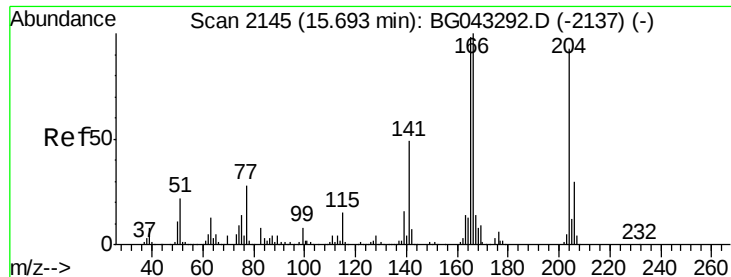
Tot Ion:232 Resp: 117771
 Ion Ratio Lower Upper
 232 100
 131 34.0 28.7 43.1
 130 1.9 0.6 0.8#
 166 26.4 21.1 31.7



#60
 Diethylphthalate
 Concen: 38.352 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Tgt Ion:149 Resp: 350137
 Ion Ratio Lower Upper
 149 100
 177 23.9 19.0 28.4
 150 12.8 9.4 14.0

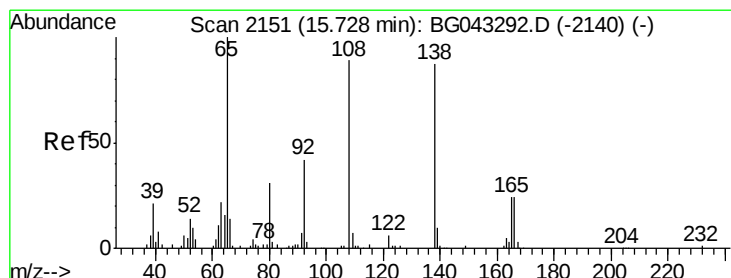
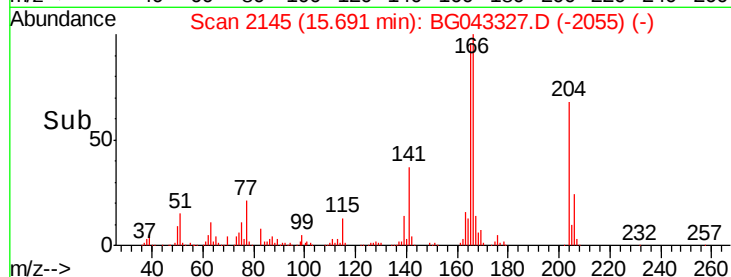
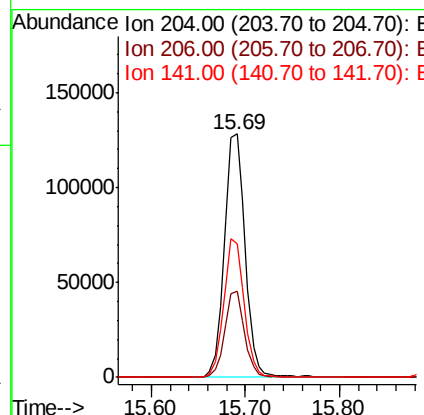
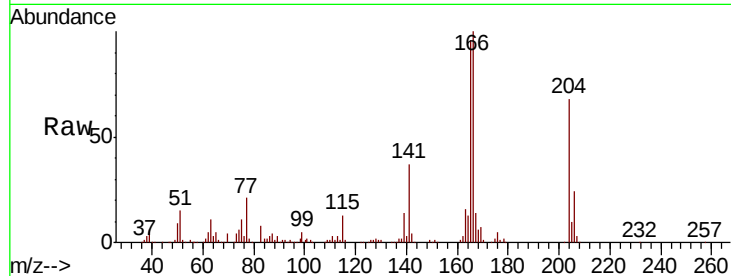




#61
 4-Chlorophenyl-phenylether
 Concen: 38.696 ng
 RT: 15.69 min Scan# 2145
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

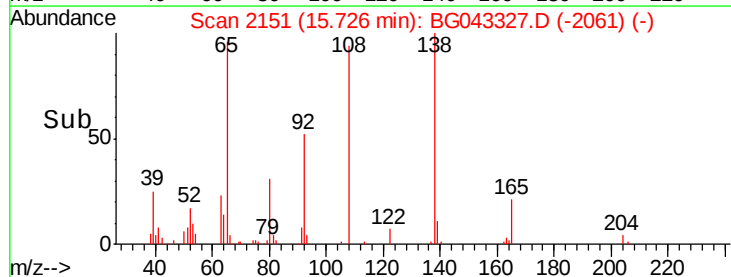
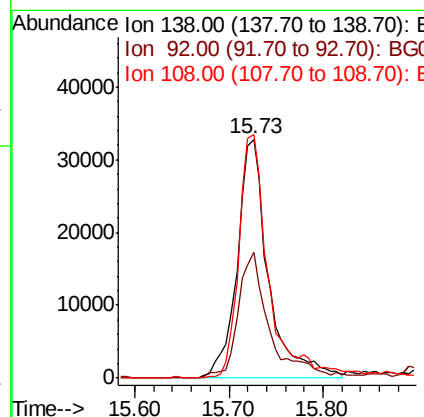
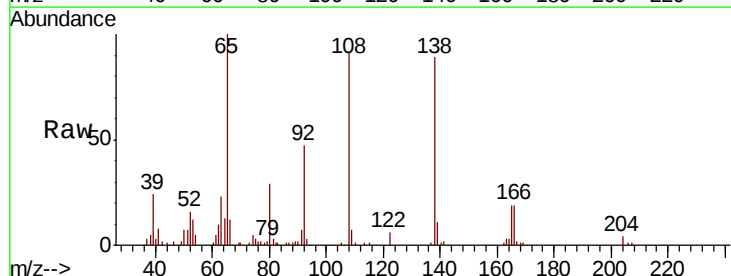
Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

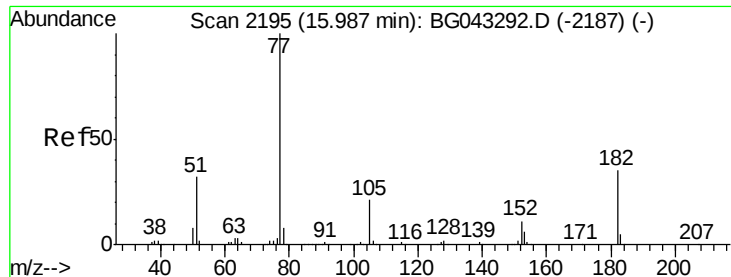
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.7	25.7	38.5
141	54.8	42.3	63.5



#62
 4-Nitroaniline
 Concen: 38.552 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.5	28.8	68.8
108	102.0	82.7	122.7

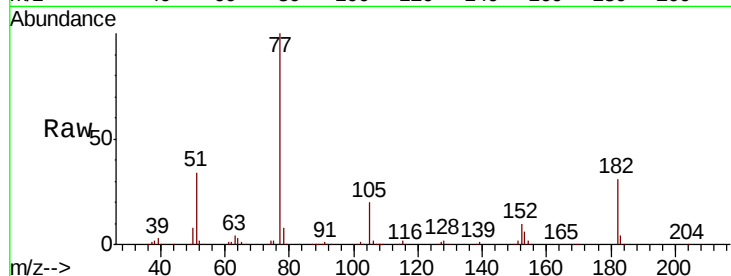




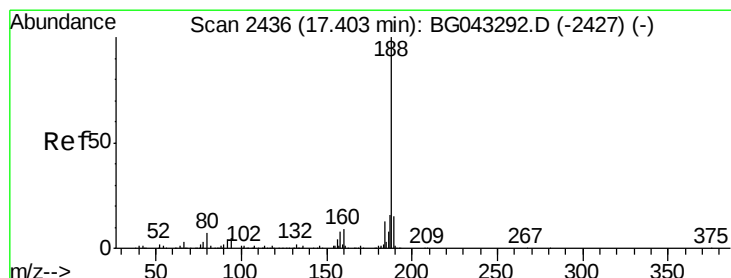
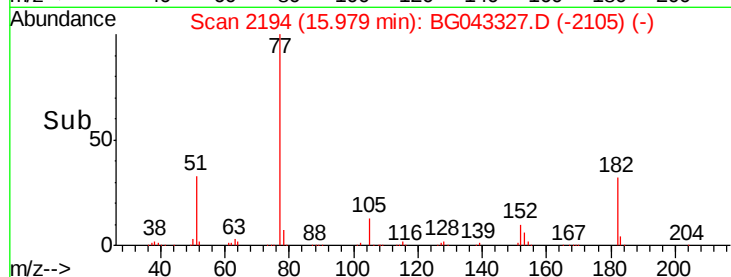
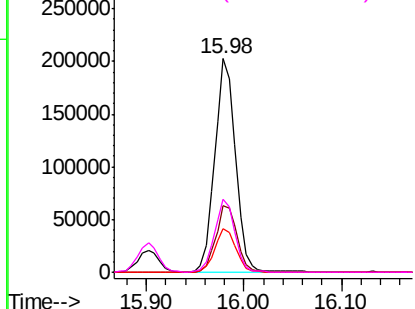
#63
Azobenzene
Concen: 40.303 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion:	77	Resp:	297785
Ion	Ratio	Lower	Upper
77	100		
182	31.0	14.9	54.9
105	20.5	0.6	40.6
51	33.9	12.5	52.5

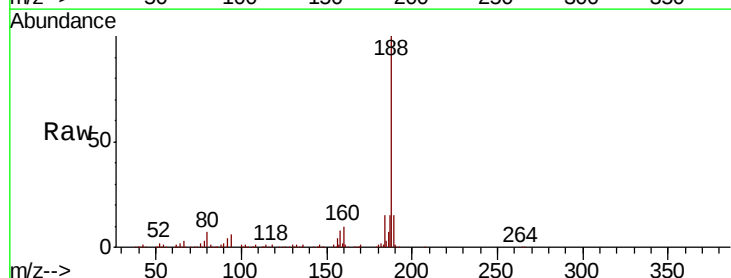


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

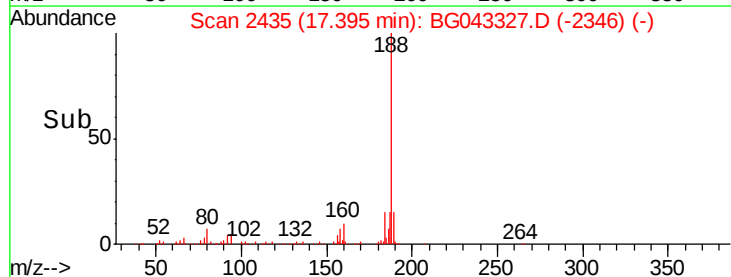
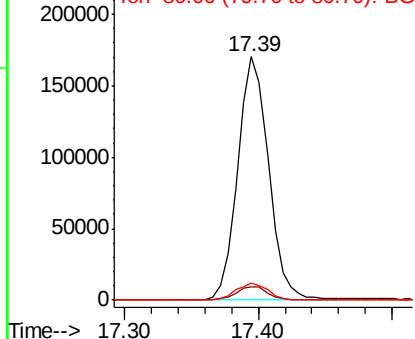


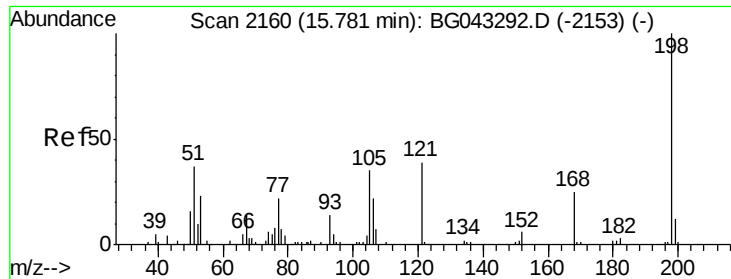
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion:	188	Resp:	273165
Ion	Ratio	Lower	Upper
188	100		
94	5.6	4.2	6.2
80	6.9	5.2	7.8



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

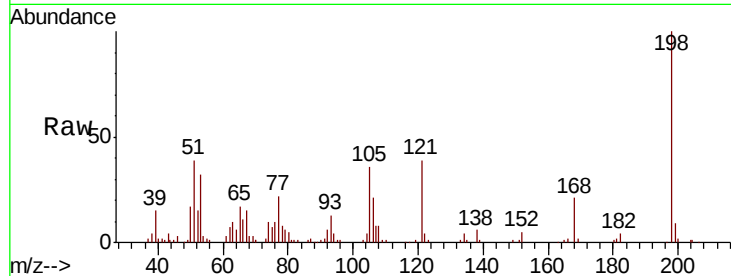




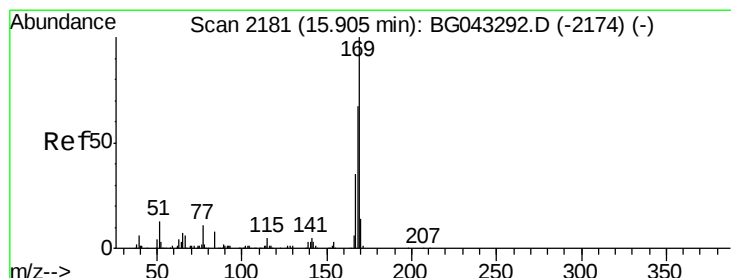
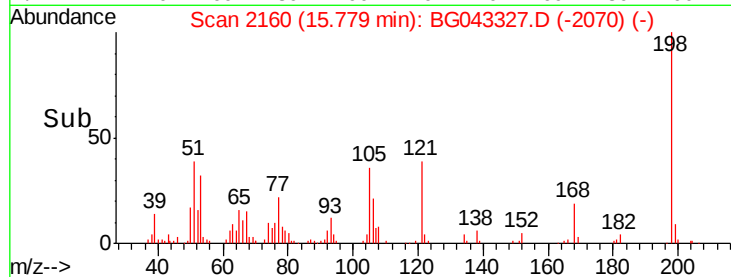
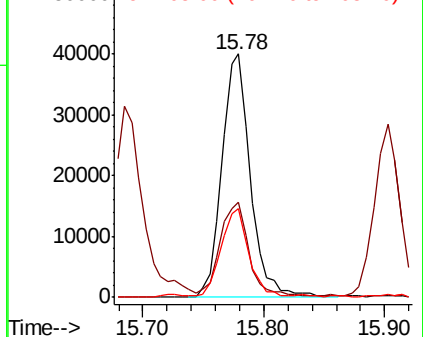
#65
 4,6-Dinitro-2-methylphenol
 Concen: 40.784 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

Tot Ion:198 Resp: 65563
 Ion Ratio Lower Upper
 198 100
 51 39.0 21.4 61.4
 105 36.2 16.5 56.5

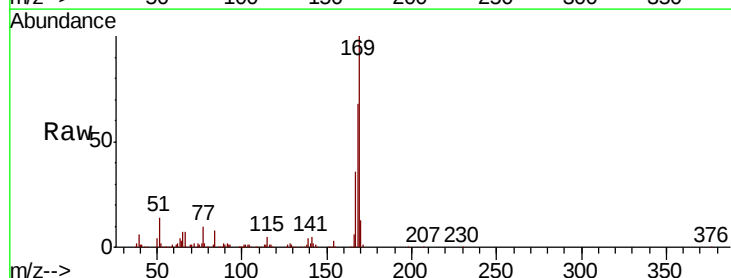


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

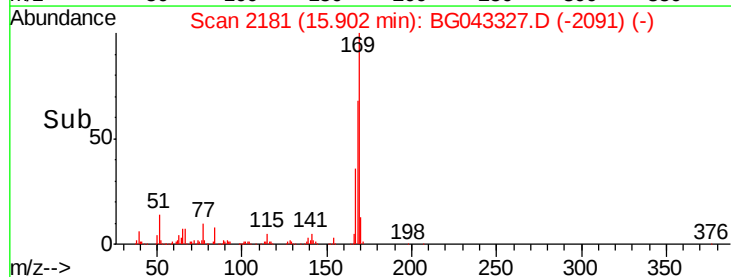
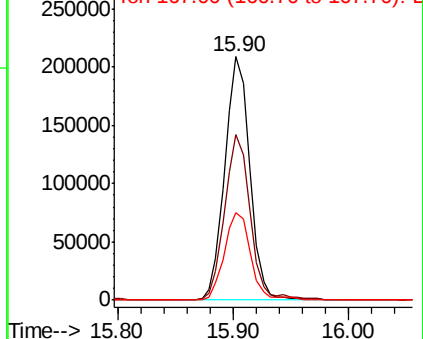


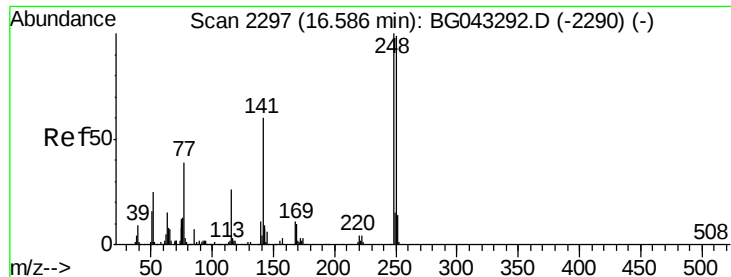
#66
 n-Nitrosodiphenylamine
 Concen: 40.880 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Tgt Ion:169 Resp: 315275
 Ion Ratio Lower Upper
 169 100
 168 67.9 53.9 80.9
 167 36.1 28.3 42.5



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

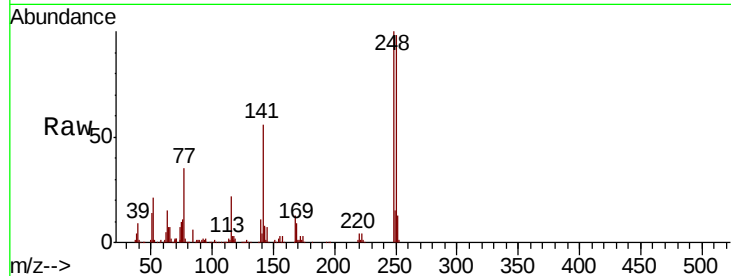




#67
4-Bromophenyl-phenylether
Concen: 39.045 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.4	79.3	118.9
141	56.1	47.9	71.9

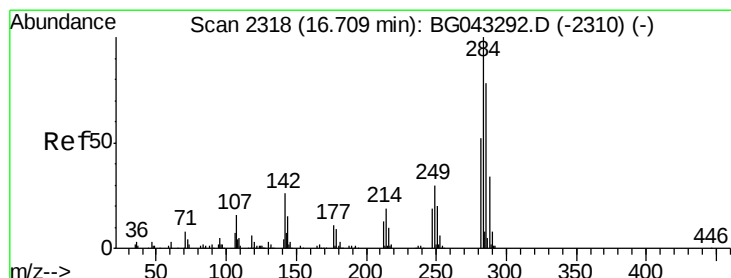
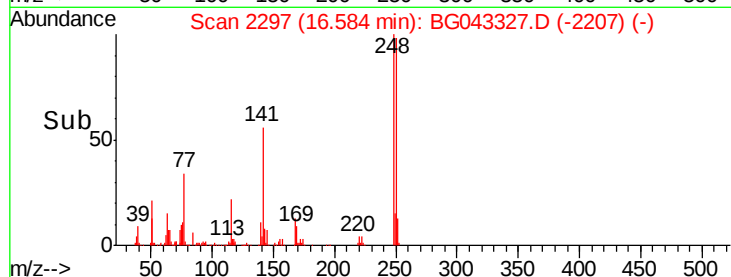
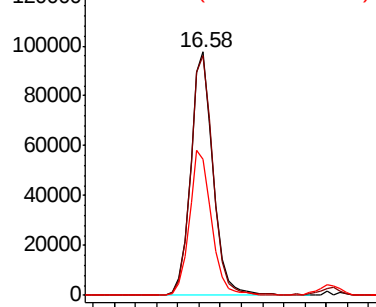


Abundance

Ion 248.00 (247.70 to 248.70): E

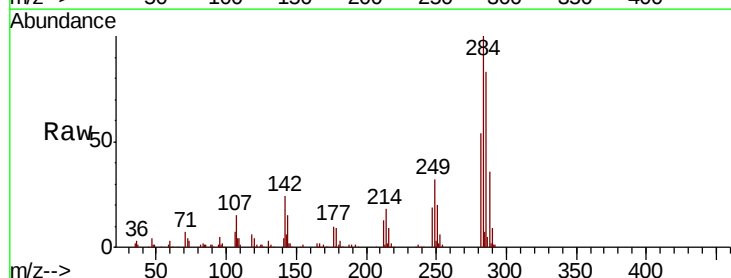
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 37.318 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.7	21.1	31.7
249	31.6	24.4	36.6

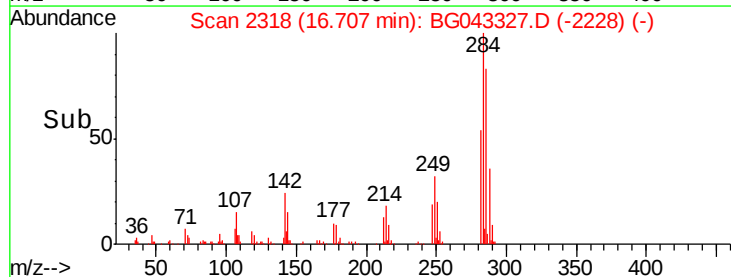
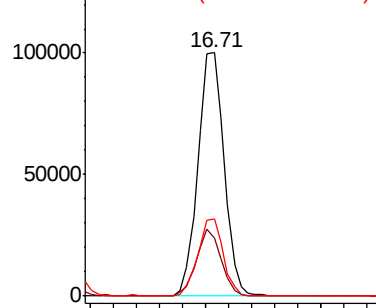


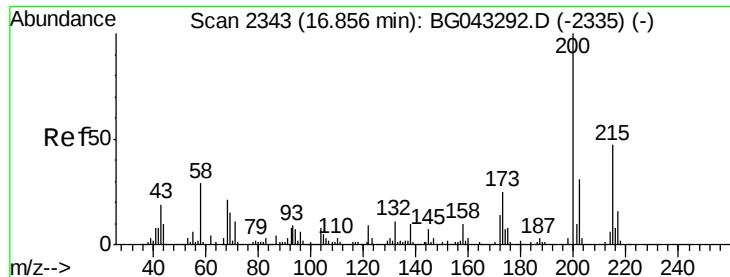
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 44.461 ng

RT: 16.85 min Scan# 2342

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

ClientSampleId :

PB124226BSD

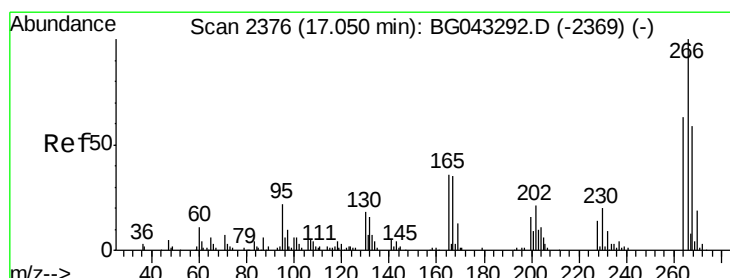
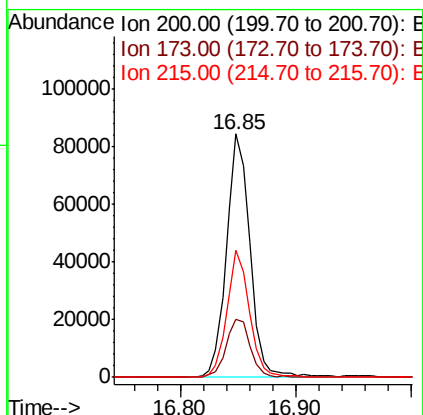
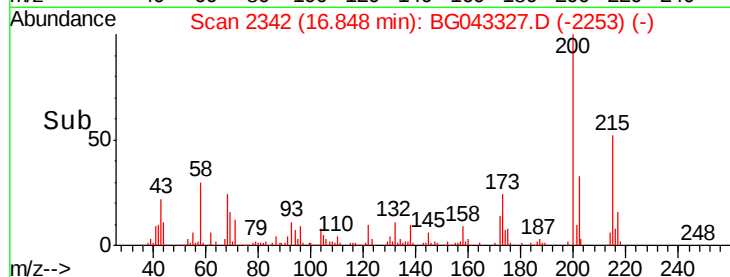
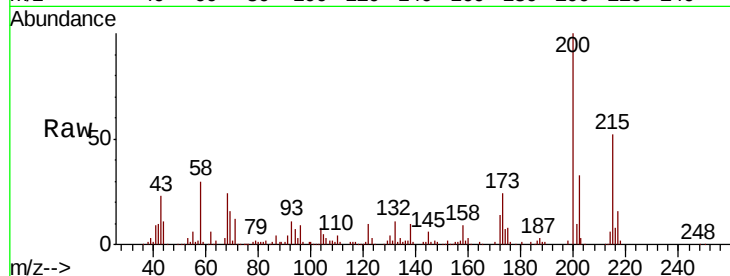
Tot Ion:200 Resp: 119147

Ion Ratio Lower Upper

200 100

173 23.9 5.1 45.1

215 52.0 26.6 66.6



#70

Pentachlorophenol

Concen: 93.926 ng

RT: 17.05 min Scan# 2376

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

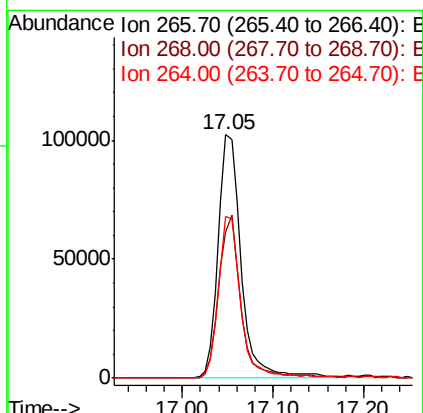
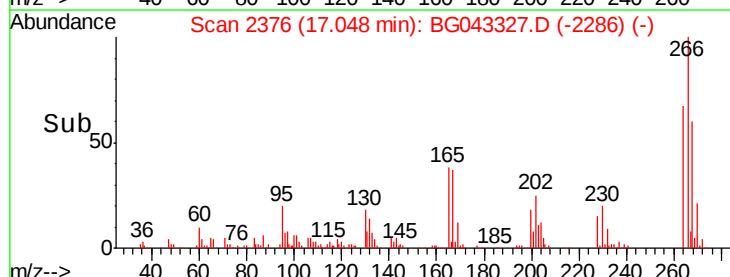
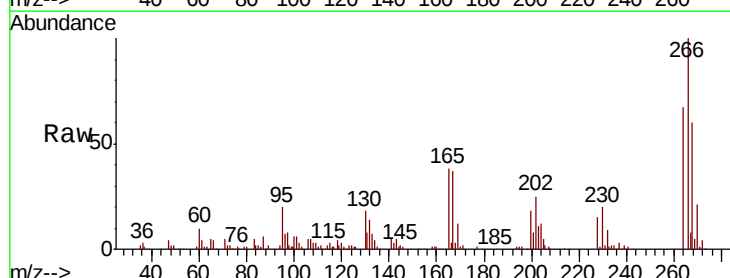
Tgt Ion:266 Resp: 180602

Ion Ratio Lower Upper

266 100

268 60.1 47.1 70.7

264 66.6 50.4 75.6





#71

Phenanthrene

Concen: 40.186 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

ClientSampleId :

PB124226BSD

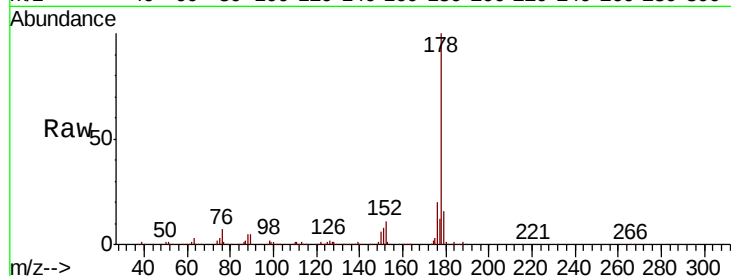
Tot Ion:178 Resp: 562126

Ion Ratio Lower Upper

178 100

176 20.2 15.8 23.8

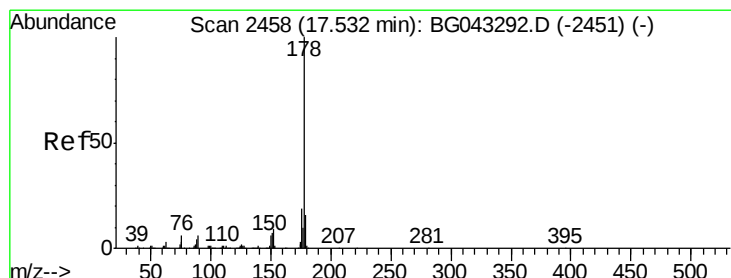
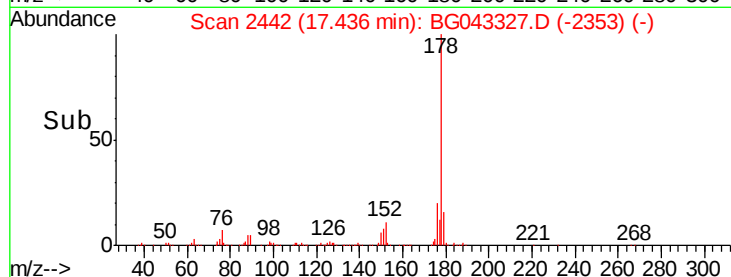
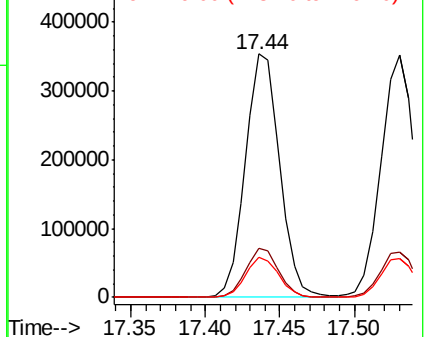
179 16.4 13.1 19.7



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 40.762 ng

RT: 17.53 min Scan# 2458

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

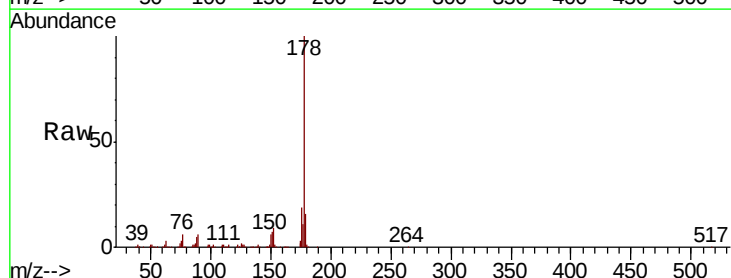
Tgt Ion:178 Resp: 570477

Ion Ratio Lower Upper

178 100

176 18.9 15.1 22.7

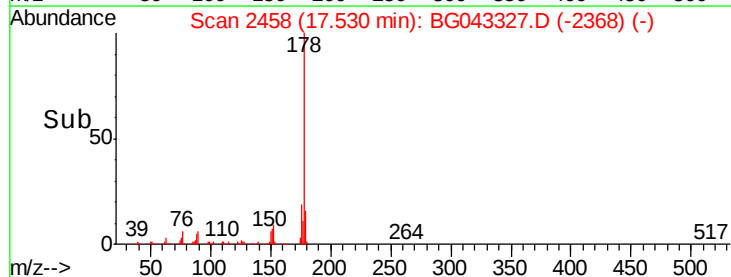
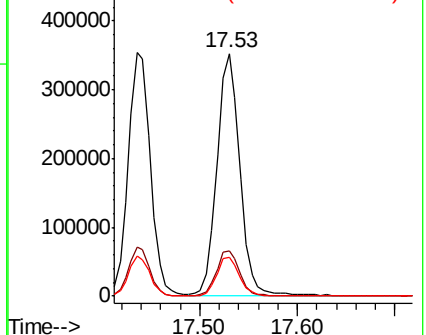
179 15.9 13.0 19.6

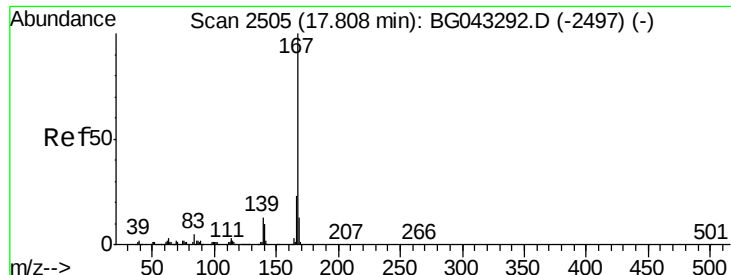


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

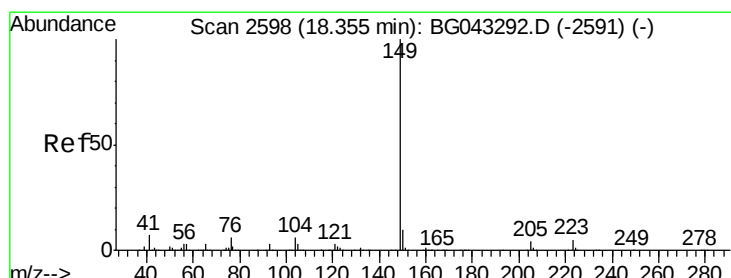
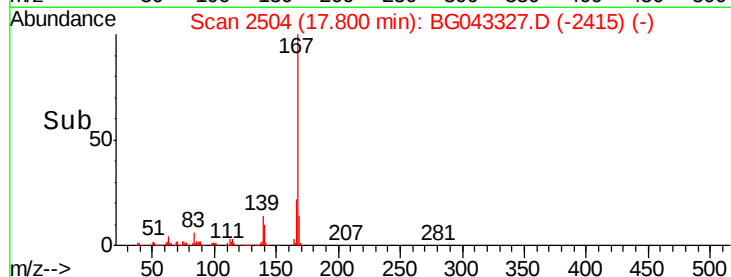
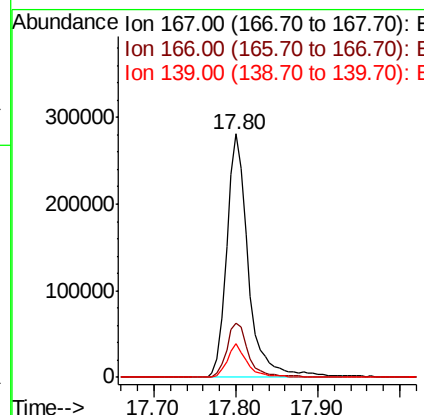
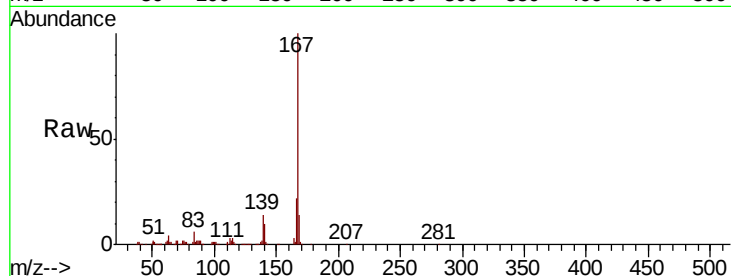




#73
 Carbazole
 Concen: 40.613 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

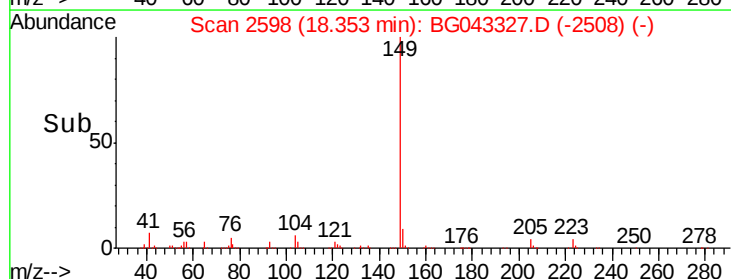
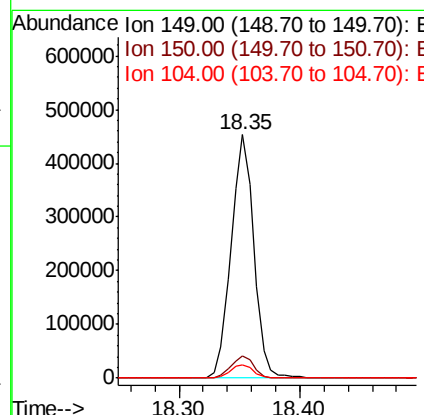
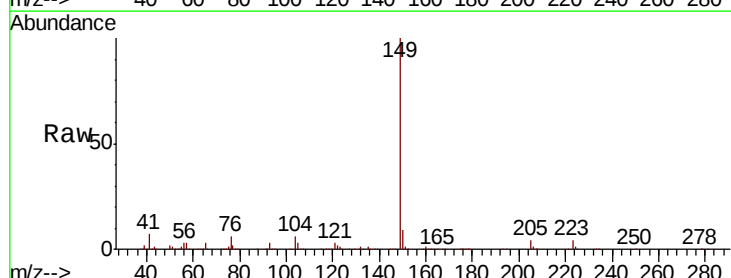
Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

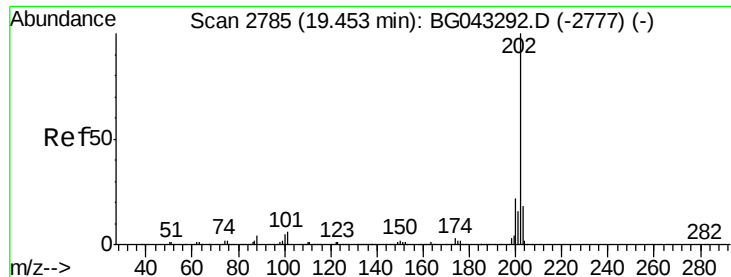
Tot Ion	Ratio	Lower	Upper
167	100		
166	22.2	18.4	27.6
139	13.6	10.2	15.4



#74
 Di-n-butylphthalate
 Concen: 38.472 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.3	8.0	12.0
104	5.7	4.7	7.1





#75

Fluoranthene

Concen: 40.486 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

ClientSampleId :

PB124226BSD

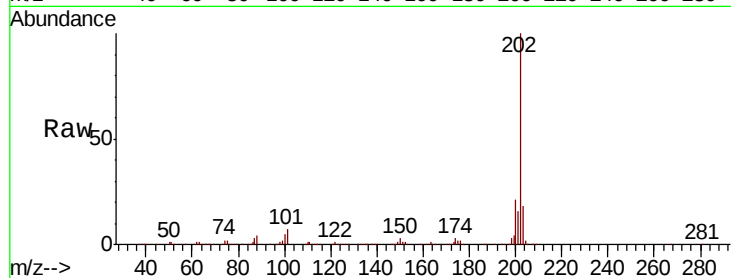
Tot Ion:202 Resp: 738306

Ion Ratio Lower Upper

202 100

101 6.5 0.0 26.0

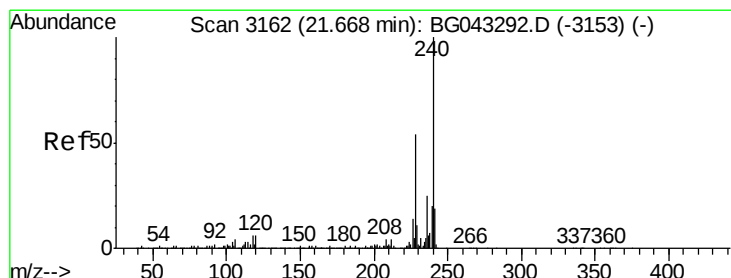
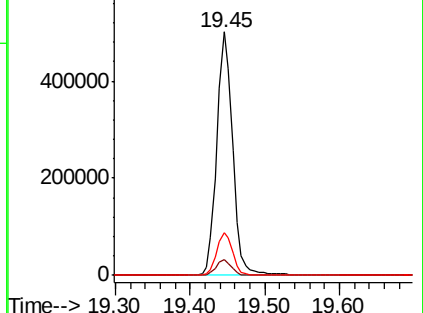
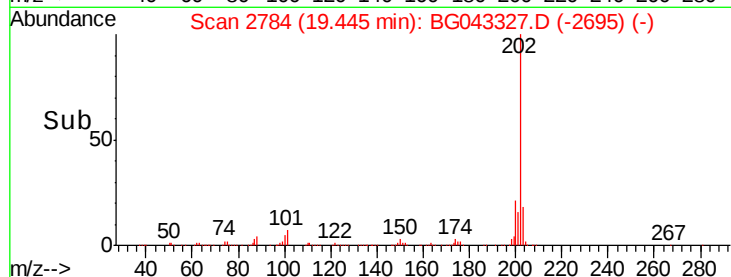
203 17.7 0.0 38.2



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

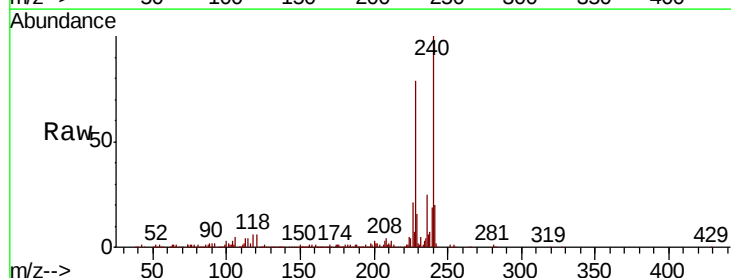
Tgt Ion:240 Resp: 301844

Ion Ratio Lower Upper

240 100

120 6.1 4.6 7.0

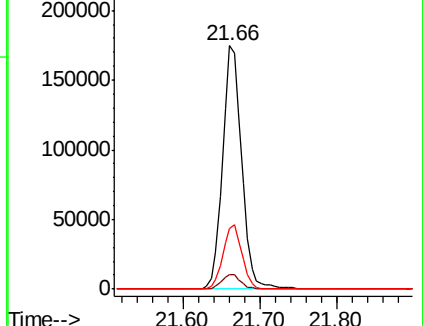
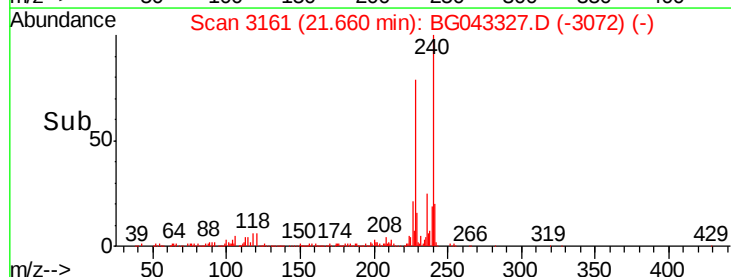
236 24.9 20.2 30.4



Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 46.034 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

ClientSampleId :

PB124226BSD

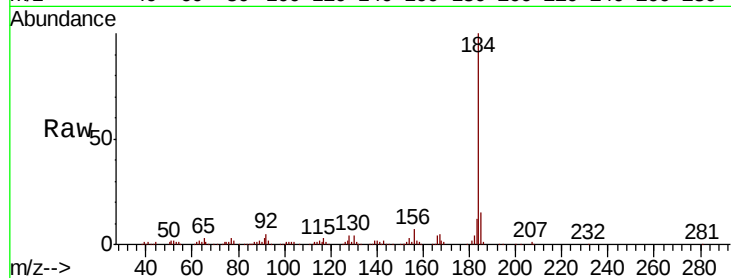
Tot Ion:184 Resp: 279640

Ion Ratio Lower Upper

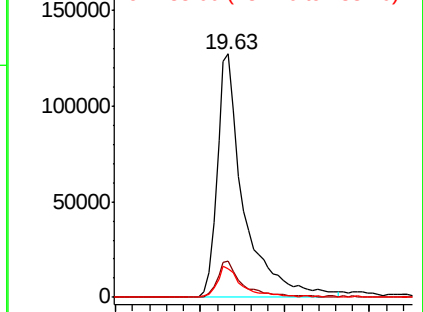
184 100

185 15.2 11.8 17.6

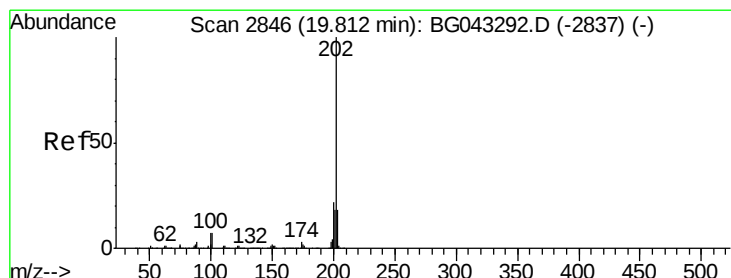
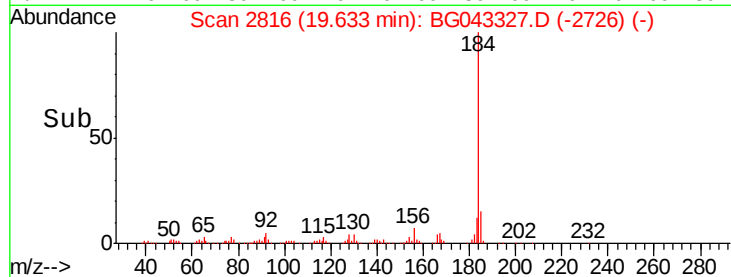
183 11.7 10.6 16.0



Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time--> 19.50 19.60 19.70 19.80



#78

Pyrene

Concen: 40.111 ng

RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

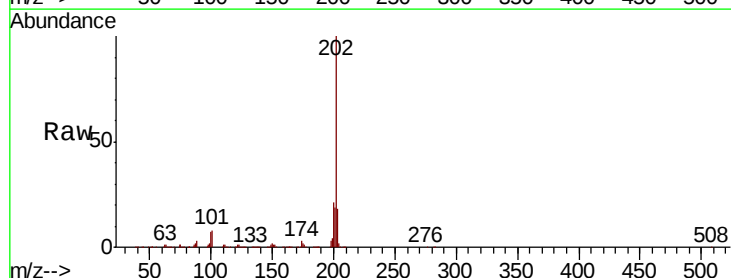
Tgt Ion:202 Resp: 749432

Ion Ratio Lower Upper

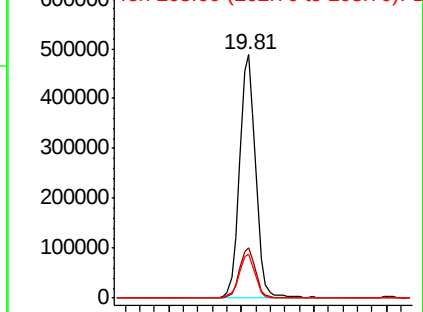
202 100

200 20.7 17.3 25.9

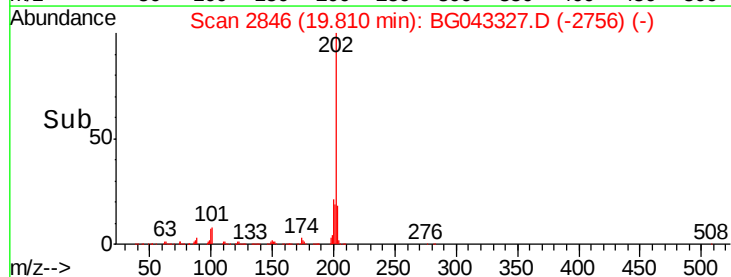
203 18.1 14.5 21.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 200.00 (199.70 to 200.70): E
Ion 203.00 (202.70 to 203.70): E



Time--> 19.70 19.80 19.90 20.00





#79

Terphenyl-d14

Concen: 67.402 ng

RT: 20.00 min Scan# 2879

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

ClientSampleId :

PB124226BSD

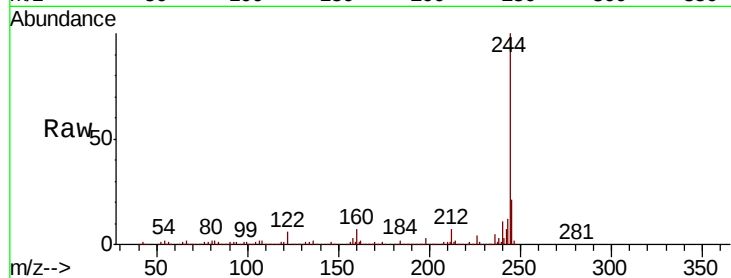
Tot Ion:244 Resp: 1084457

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

244 100

212 7.0 6.4 9.6

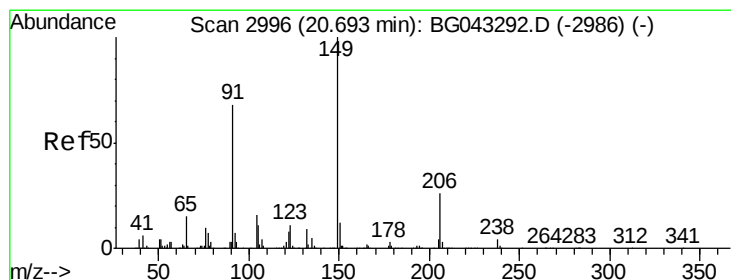
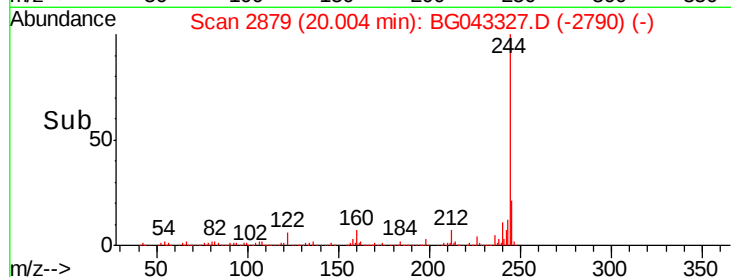
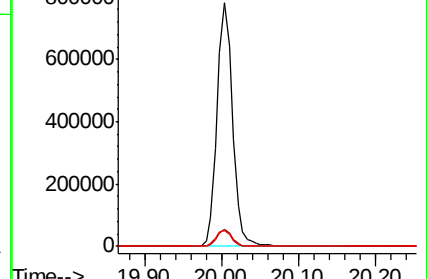
122 6.3 5.3 7.9



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: 39.081 ng

RT: 20.69 min Scan# 2996

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

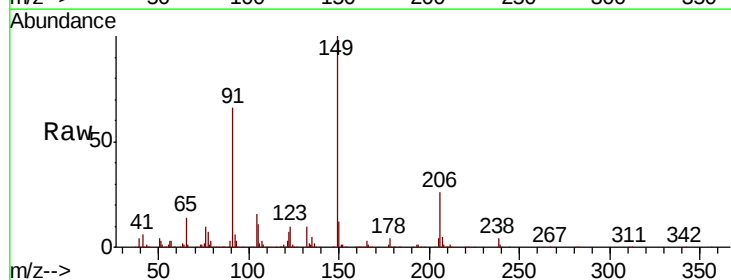
Tgt Ion:149 Resp: 276633

Ion	Ratio	Lower	Upper
149	100		
91	65.9	54.6	82.0
206	26.4	20.5	30.7

149 100

91 65.9 54.6 82.0

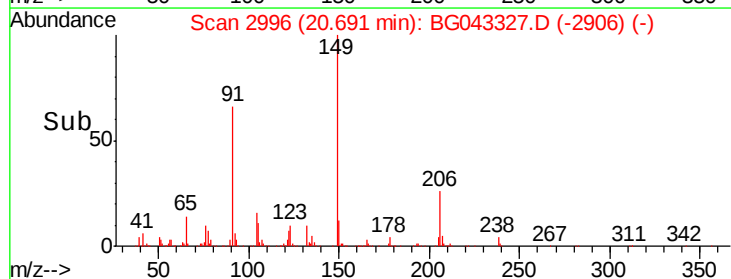
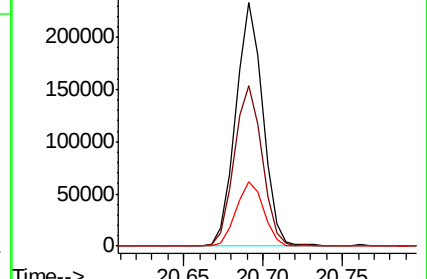
206 26.4 20.5 30.7

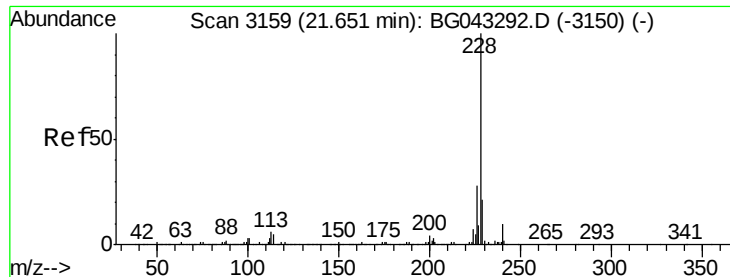


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

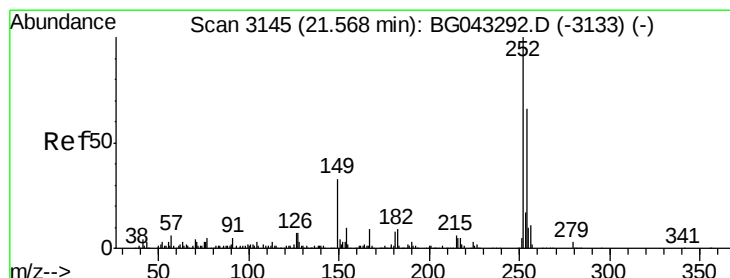
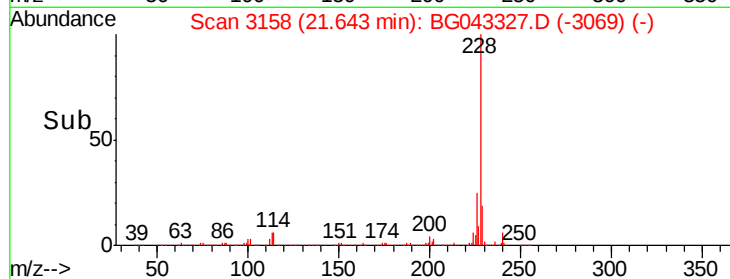
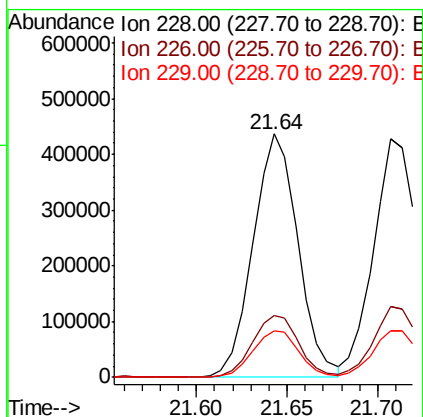
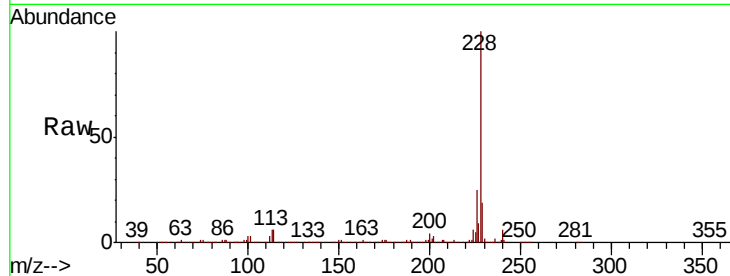




#81
Benzo(a)anthracene
Concen: 39.785 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

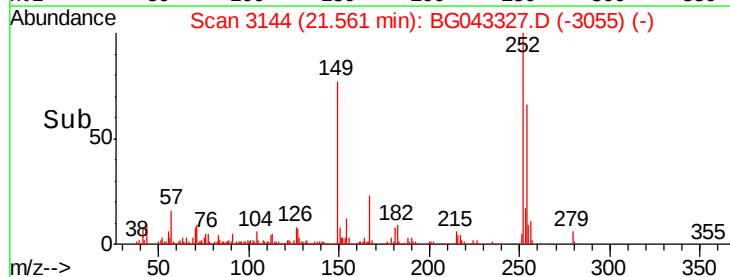
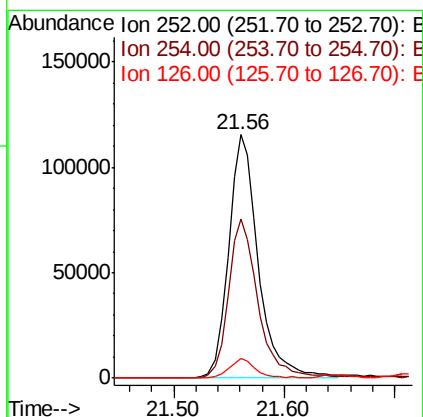
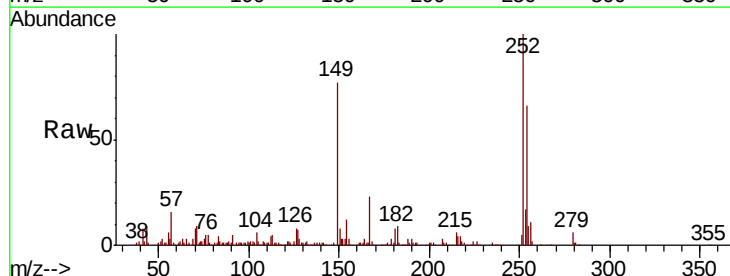
Instrument :
BNA_G
ClientSampleId :
PB124226BSD

Tot Ion:228 Resp: 752221
Ion Ratio Lower Upper
228 100
226 25.4 22.2 33.4
229 19.3 16.9 25.3



#82
3,3'-Dichlorobenzidine
Concen: 29.728 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion:252 Resp: 217398
Ion Ratio Lower Upper
252 100
254 65.6 52.7 79.1
126 7.9 5.6 8.4





#83

Chrvsene

Concen: 39.646 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

ClientSampleId :

PB124226BSD

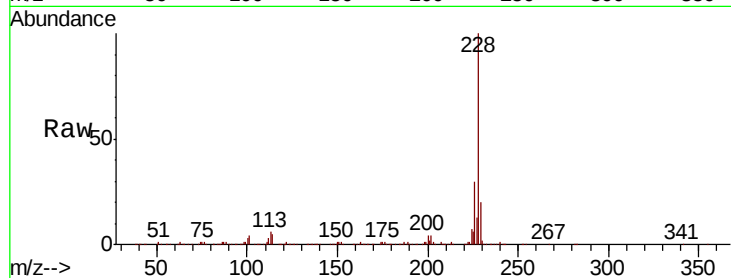
Tot Ion:228 Resp: 744787

Ion Ratio Lower Upper

228 100

226 29.6 23.8 35.8

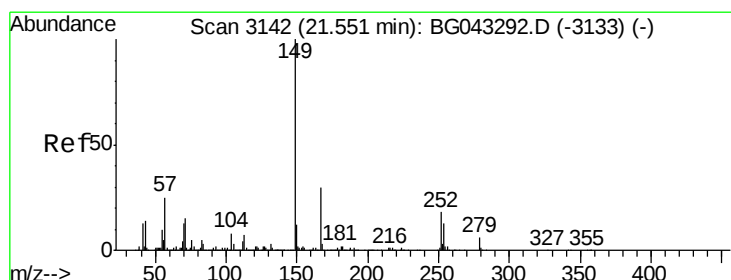
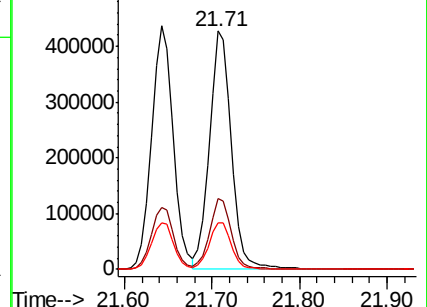
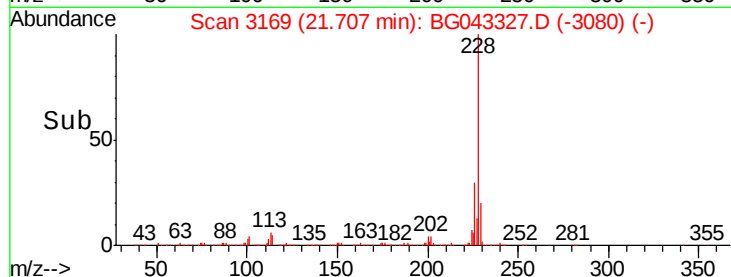
229 19.8 16.3 24.5



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.801 ng

RT: 21.55 min Scan# 3142

Delta R.T. -0.00 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

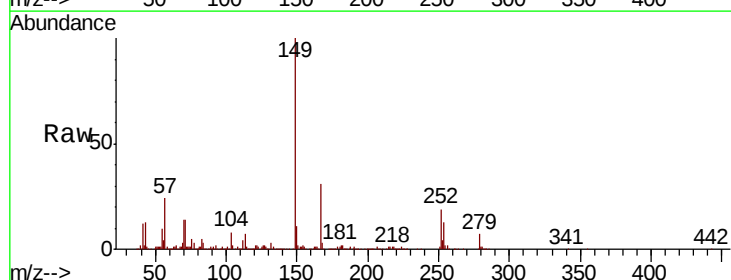
Tgt Ion:149 Resp: 400204

Ion Ratio Lower Upper

149 100

167 30.8 23.9 35.9

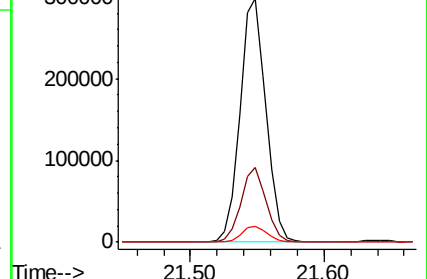
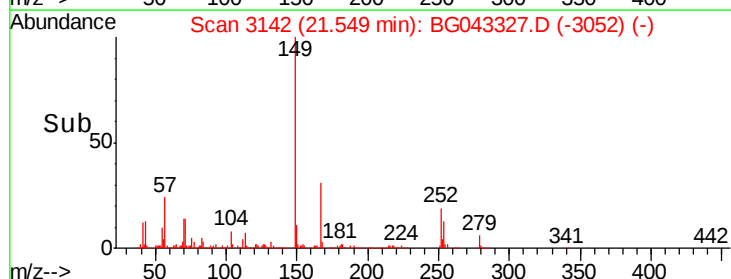
279 6.5 4.8 7.2

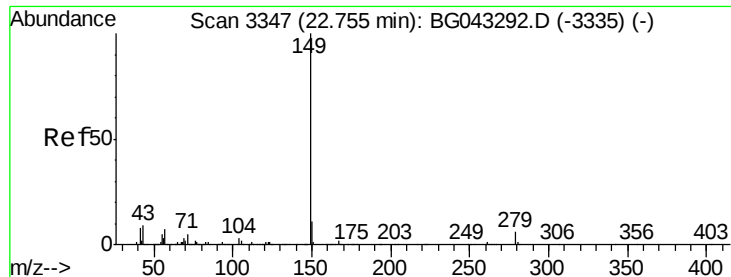


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 40.298 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

BNA_G

ClientSampleId :

PB124226BSD

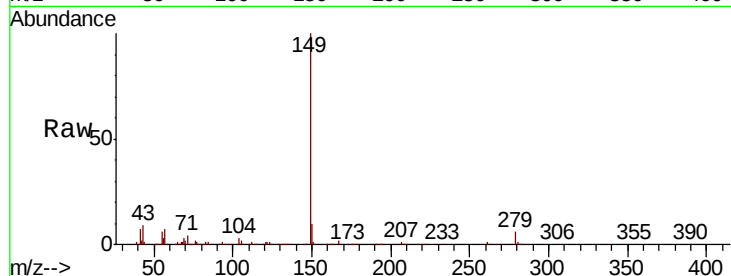
Tot Ion:149 Resp: 687457

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

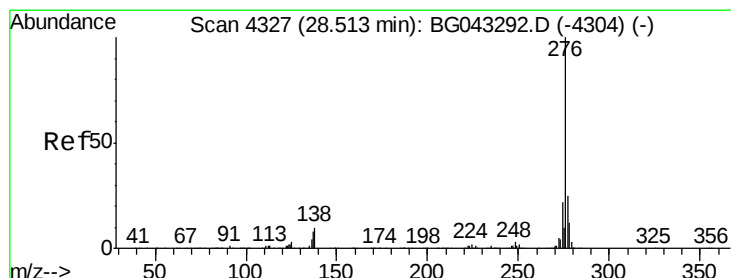
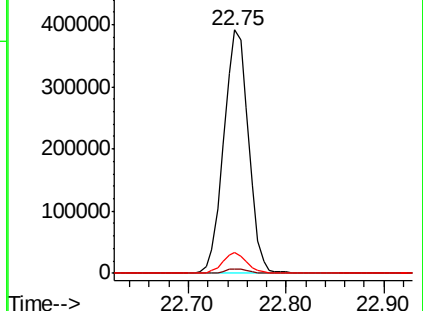
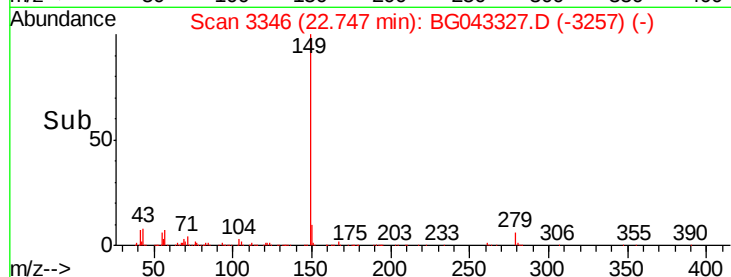
43 8.4 6.9 10.3



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: 39.986 ng

RT: 28.51 min Scan# 4326

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

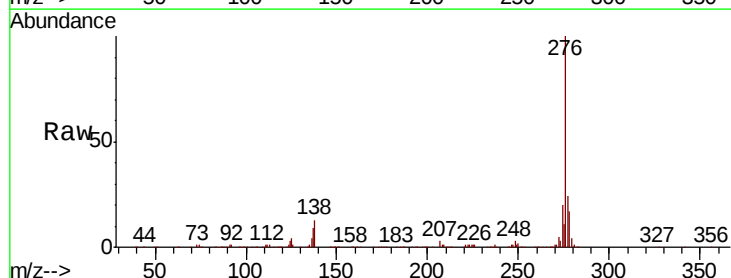
Tgt Ion:276 Resp: 942918

Ion Ratio Lower Upper

276 100

138 14.5 7.2 10.8#

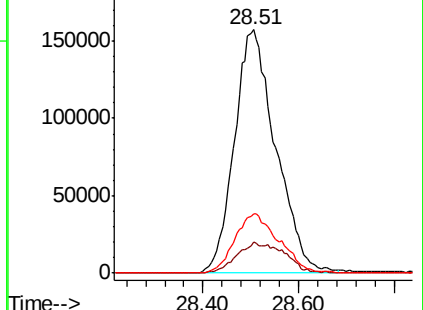
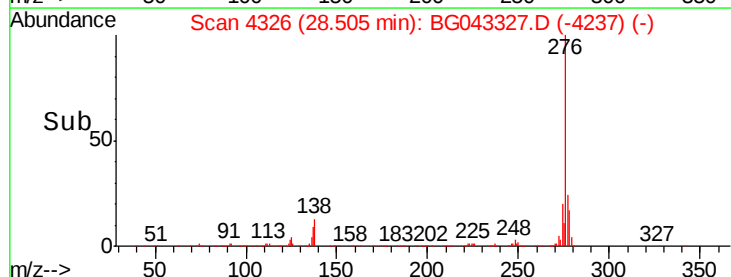
277 25.8 20.9 31.3



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

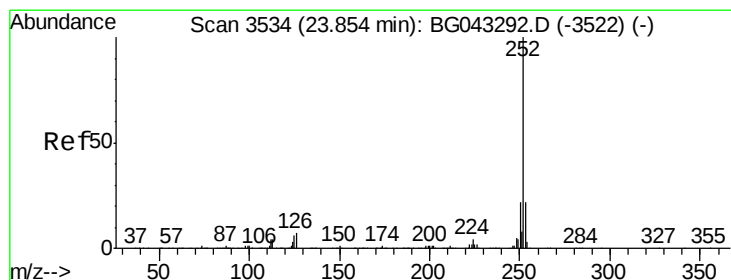
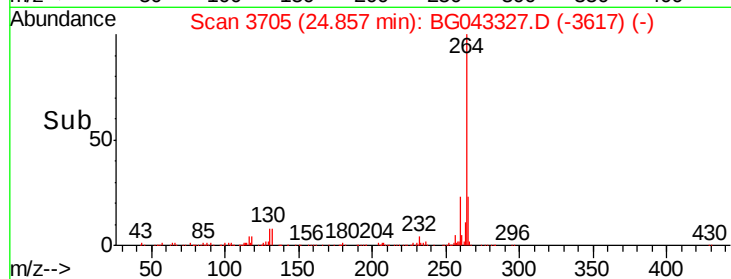
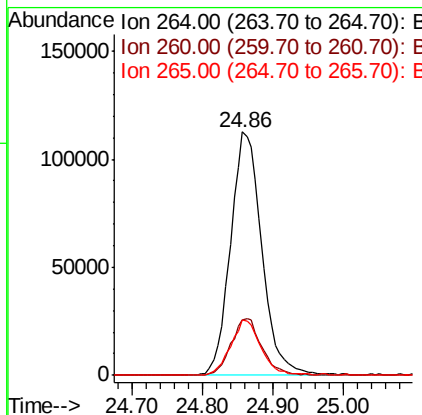
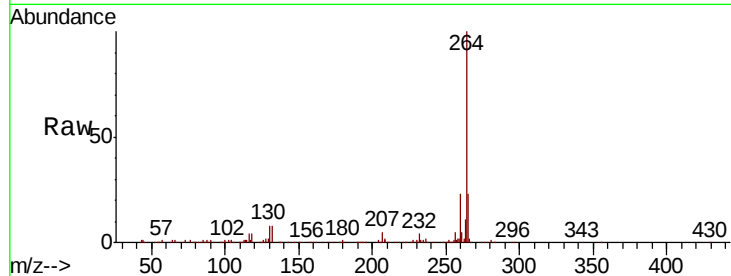




#87
 Pervlene-d12
 Concen: 20.000 ng
 RT: 24.86 min Scan# 3705
 Delta R.T. -0.01 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

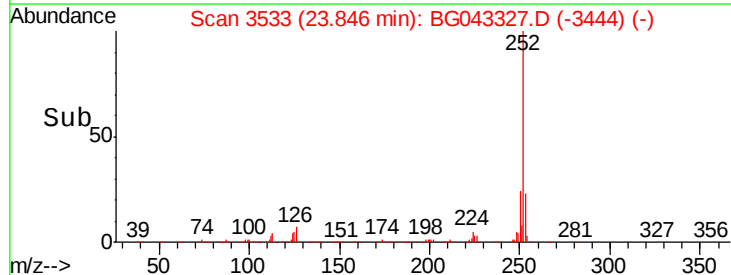
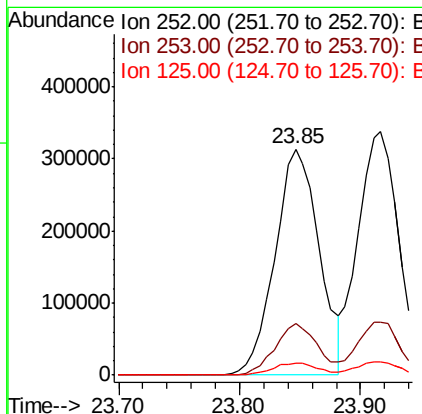
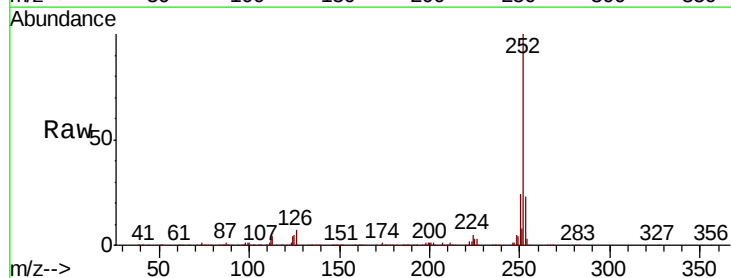
Instrument :
 BNA_G
 ClientSampleId :
 PB124226BSD

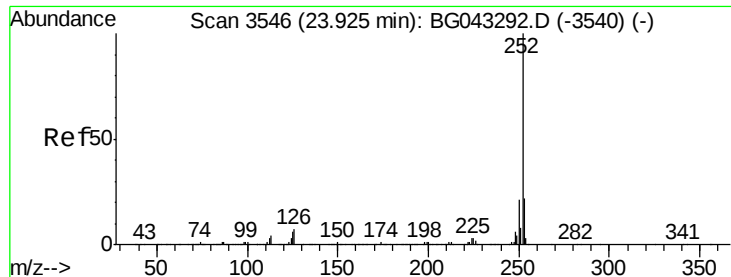
Tot Ion:264 Resp: 346655
 Ion Ratio Lower Upper
 264 100
 260 22.7 17.9 26.9
 265 23.0 17.4 26.2



#88
 Benzo(b)fluoranthene
 Concen: 40.505 ng
 RT: 23.85 min Scan# 3533
 Delta R.T. -0.01 min
 Lab File: BG043327.D
 Acq: 24 Oct 2019 12:26

Tgt Ion:252 Resp: 795260
 Ion Ratio Lower Upper
 252 100
 253 22.7 17.4 26.2
 125 5.4 5.0 7.6

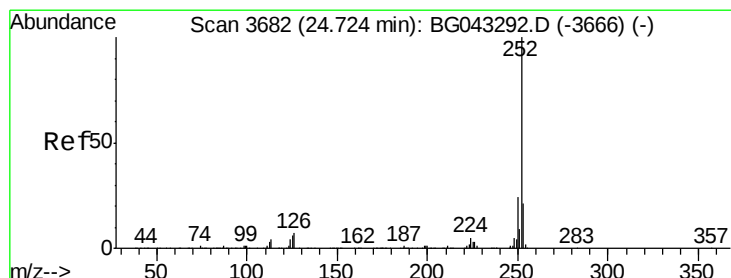
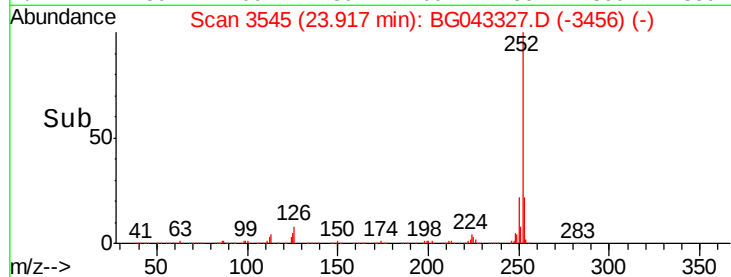
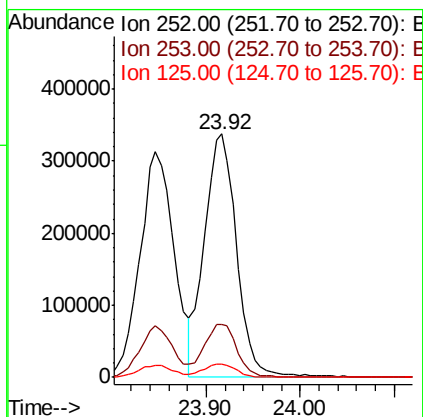
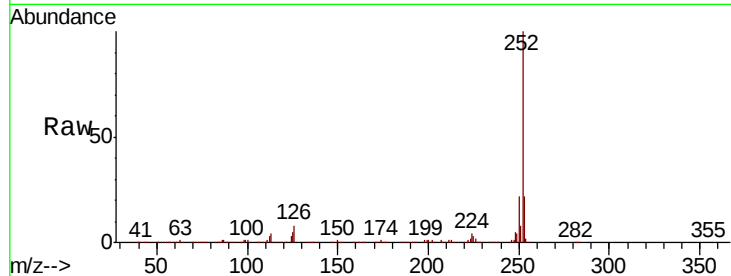




#89
Benzo(k)fluoranthene
Concen: 40.646 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

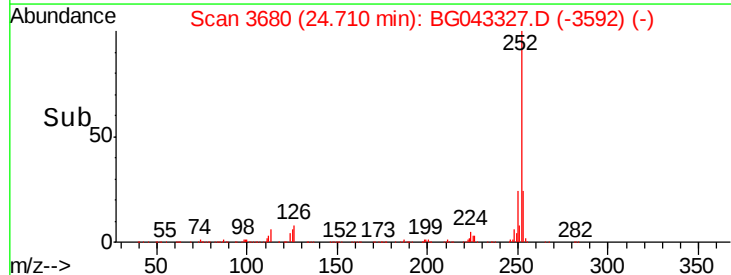
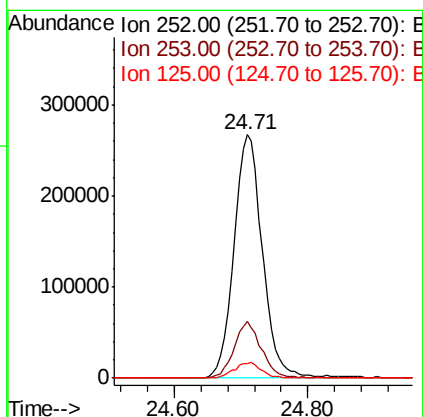
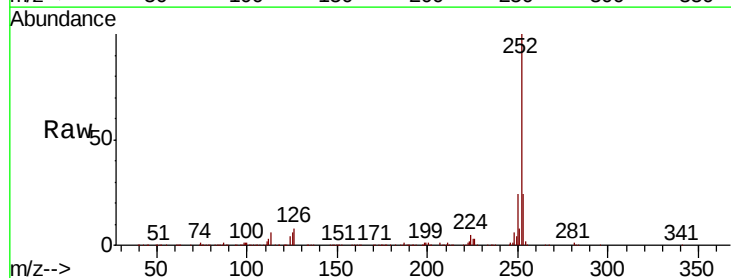
Instrument :
BNA_G
ClientSampleId :
PB124226BSD

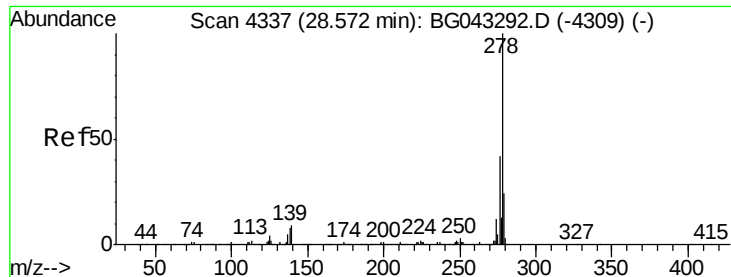
Tot Ion:252 Resp: 803369
Ion Ratio Lower Upper
252 100
253 22.0 17.6 26.4
125 5.5 4.5 6.7



#90
Benzo(a)pyrene
Concen: 42.142 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043327.D
Acq: 24 Oct 2019 12:26

Tgt Ion:252 Resp: 790106
Ion Ratio Lower Upper
252 100
253 23.5 17.2 25.8
125 5.8 5.0 7.6





#91

Dibenzo(a,h)anthracene

Concen: 41.448 ng

RT: 28.56 min Scan# 4336

Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Instrument :

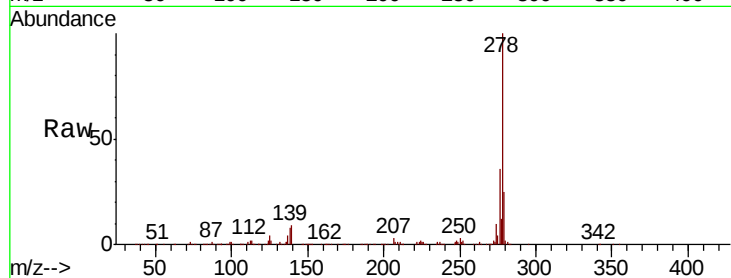
BNA_G

ClientSampleId :

PB124226BSD

Tot Ion:278 Resp: 794847

Ion	Ratio	Lower	Upper
278	100		
139	9.5	6.8	10.2
279	24.7	19.0	28.6

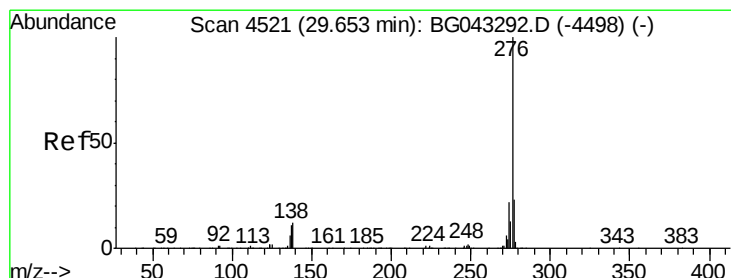
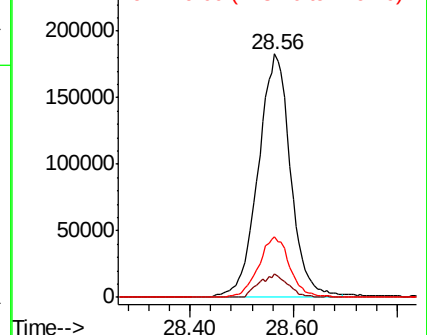
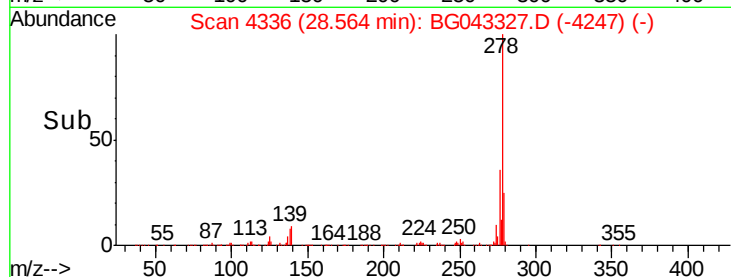


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 41.431 ng

RT: 29.65 min Scan# 4520

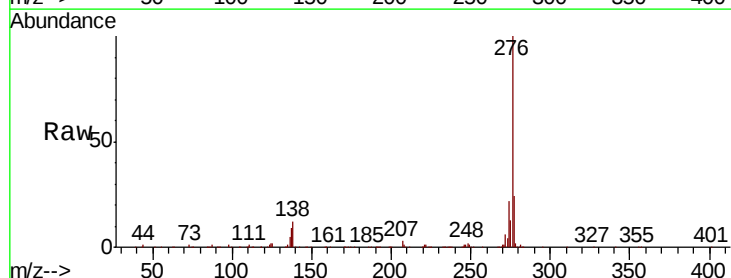
Delta R.T. -0.01 min

Lab File: BG043327.D

Acq: 24 Oct 2019 12:26

Tgt Ion:276 Resp: 783715

Ion	Ratio	Lower	Upper
276	100		
277	23.8	18.3	27.5
138	11.5	9.3	13.9



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

