

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042430.D
 Acq On : 23 Aug 2019 12:21
 Operator : HP/JU
 Sample : PB122423BS
 Misc :
 ALS Vial : 8 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :

Quant Time: Aug 23 17:23:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	102711	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	421477	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	280809	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	584361	20.00	ng	0.00
76) Chrysene-d12	21.70	240	572551	20.00	ng	0.00
87) Perylene-d12	24.93	264	668852	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	638416	125.89	ng	0.00
7) Phenol-d6	7.17	99	799542	116.72	ng	0.00
23) Nitrobenzene-d5	9.17	82	401592	65.84	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	334011	83.69	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1071531	64.54	ng	0.00
79) Terphenyl-d14	20.03	244	1640995	61.96	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	84024	39.701	ng	98
3) Pyridine	3.82	79	200658	36.974	ng	96
4) n-Nitrosodimethylamine	3.73	42	76523	39.479	ng	79
6) Aniline	7.32	93	311608	34.105	ng	99
8) 2-Chlorophenol	7.57	128	279643	45.499	ng	96
9) Benzaldehyde	7.13	77	183729	53.572	ng	94
10) Phenol	7.19	94	326075	46.816	ng	96
11) bis(2-Chloroethyl)ether	7.42	93	244714	44.737	ng	98
12) 1,3-Dichlorobenzene	7.89	146	304456	38.939	ng	99
13) 1,4-Dichlorobenzene	8.04	146	310082	39.153	ng	96
14) 1,2-Dichlorobenzene	8.36	146	293706	38.725	ng	99
15) Benzyl Alcohol	8.24	79	199068	40.392	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	311570	42.024	ng	100
17) 2-Methylphenol	8.45	107	227362	44.319	ng	94
18) Hexachloroethane	9.09	117	104464	38.529	ng	90
19) n-Nitroso-di-n-propylamine	8.81	70	178679	40.261	ng	97
20) 3+4-Methylphenols	8.78	107	313367	44.144	ng	95
22) Acetophenone	8.83	105	373685	41.453	ng	# 98
24) Nitrobenzene	9.21	77	256445	41.521	ng	99
25) Isophorone	9.74	82	493174	40.972	ng	98
26) 2-Nitrophenol	9.93	139	165841	42.848	ng	95
27) 2,4-Dimethylphenol	9.99	122	258399	48.466	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	323389	42.627	ng	98
29) 2,4-Dichlorophenol	10.48	162	284528	40.789	ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	305117	35.636	ng	98
31) Naphthalene	10.87	128	806509	41.215	ng	99
32) Benzoic acid	10.14	122	137605	37.679	ng	95
33) 4-Chloroaniline	10.98	127	205205	22.717	ng	98
34) Hexachlorobutadiene	11.17	225	180274	31.329	ng	98
35) Caprolactam	11.75	113	92819	39.878	ng	97
36) 4-Chloro-3-methylphenol	12.12	107	263068	39.727	ng	96
37) 2-Methylnaphthalene	12.49	142	617670	39.311	ng	98
38) 1-Methylnaphthalene	12.71	142	580342	38.885	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.86	216	331758	36.789	ng	# 98

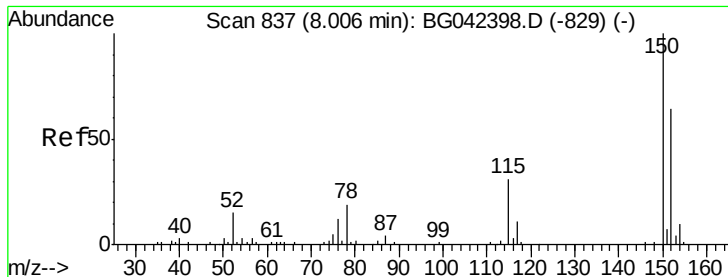
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082319\
 Data File : BG042430.D
 Acq On : 23 Aug 2019 12:21
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Quant Time: Aug 23 17:23:03 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	386009	81.489	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	230648	37.840	nq	96
44) 2,4,5-Trichlorophenol	13.18	196	245440	38.856	nq	95
46) 1,1'-Biphenyl	13.49	154	774962	42.694	nq	98
47) 2-Chloronaphthalene	13.54	162	619119	39.556	nq	97
48) 2-Nitroaniline	13.73	65	151636	40.176	nq	96
49) Acenaphthylene	14.39	152	974913	41.403	nq	97
50) Dimethylphthalate	14.11	163	757555	37.389	nq	99
51) 2,6-Dinitrotoluene	14.23	165	188578	40.154	nq	93
52) Acenaphthene	14.73	154	577678	40.402	nq	99
53) 3-Nitroaniline	14.56	138	135881	28.930	nq	99
54) 2,4-Dinitrophenol	14.78	184	190118	61.614	nq	94
55) Dibenzofuran	15.06	168	929729	39.283	nq	99
56) 4-Nitrophenol	14.89	139	303874	91.049	nq	91
57) 2,4-Dinitrotoluene	15.03	165	257742	38.325	nq	97
58) Fluorene	15.71	166	747643	38.644	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	216099	34.595	nq	95
60) Diethylphthalate	15.48	149	736780	37.199	nq	98
61) 4-Chlorophenyl-phenylether	15.70	204	403457	34.594	nq	98
62) 4-Nitroaniline	15.73	138	200780	39.942	nq	88
63) Azobenzene	16.00	77	576273	42.460	nq	95
65) 4,6-Dinitro-2-methylphenol	15.80	198	154858	42.268	nq	93
66) n-Nitrosodiphenylamine	15.91	169	694995	43.247	nq	98
67) 4-Bromophenyl-phenylether	16.60	248	269551	36.366	nq	97
68) Hexachlorobenzene	16.72	284	278861	34.608	nq	# 93
69) Atrazine	16.87	200	241508	42.497	nq	98
70) Pentachlorophenol	17.07	266	334059	79.792	nq	98
71) Phenanthrene	17.46	178	1180308	40.663	nq	97
72) Anthracene	17.55	178	1225069	42.278	nq	96
73) Carbazole	17.82	167	1135235	43.958	nq	97
74) Di-n-butylphthalate	18.38	149	1292381	42.334	nq	98
75) Fluoranthene	19.47	202	1425379	40.237	nq	94
77) Benzidine	19.64	184	947148	57.699	nq	98
78) Pyrene	19.83	202	1443009	41.108	nq	95
80) Butylbenzylphthalate	20.71	149	624037	45.198	nq	97
81) Benzo(a)anthracene	21.67	228	1381200	39.656	nq	97
82) 3,3'-Dichlorobenzidine	21.58	252	395157	28.210	nq	# 98
83) Chrysene	21.74	228	1346734	40.093	nq	96
84) Bis(2-ethylhexyl)phthalate	21.58	149	869713	45.369	nq	99
85) Di-n-octyl phthalate	22.79	149	1502236	45.563	nq	99
86) Indeno(1,2,3-cd)pyrene	28.65	276	1782008	39.038	nq	# 89
88) Benzo(b)fluoranthene	23.90	252	1474822	40.108	nq	# 96
89) Benzo(k)fluoranthene	23.98	252	1489757	42.149	nq	# 96
90) Benzo(a)pyrene	24.79	252	1487049	42.618	nq	# 95
91) Dibenzo(a,h)anthracene	28.71	278	1471097	41.640	nq	# 94
92) Benzo(g,h,i)perylene	29.81	276	1480702	41.906	nq	# 93

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

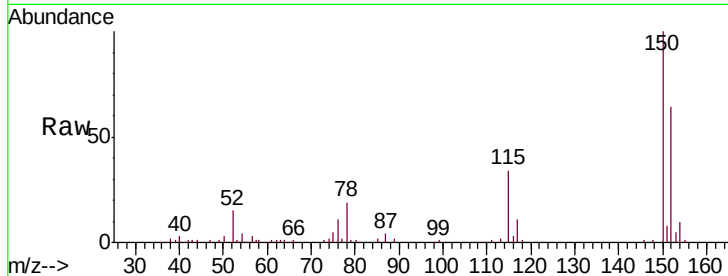


#1

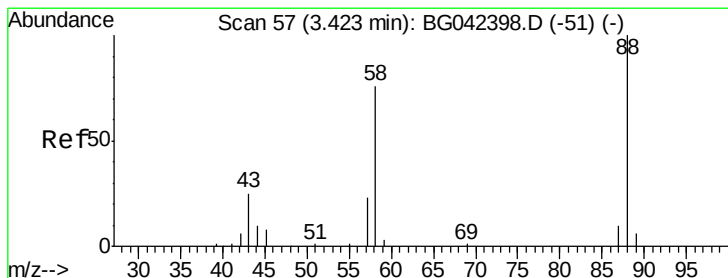
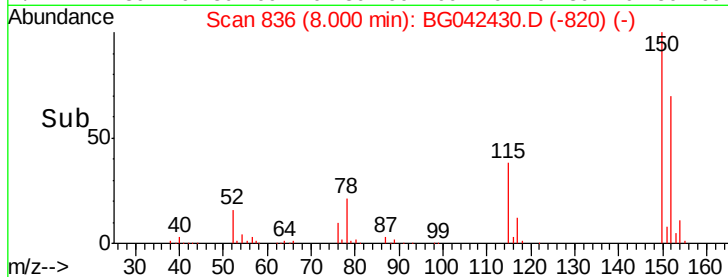
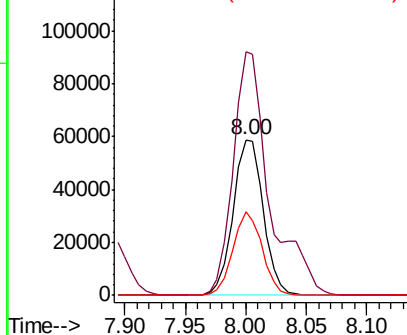
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:152 Resp: 102711
Ion Ratio Lower Upper
152 100
150 156.4 125.4 188.0
115 53.8 38.5 57.7



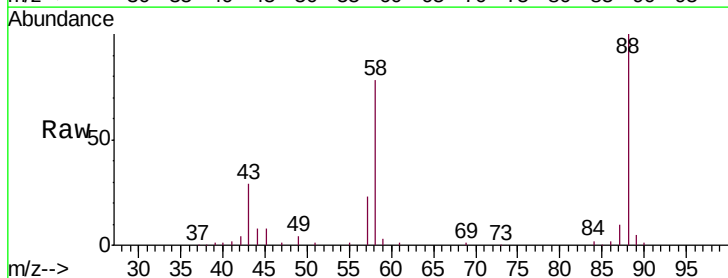
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



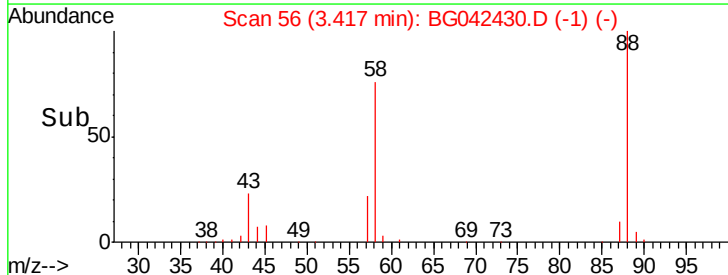
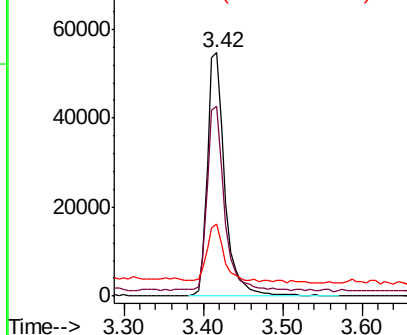
#2

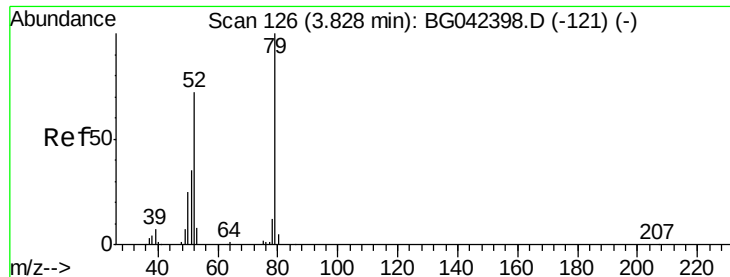
1,4-Dioxane
Concen: 39.701 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Tgt Ion: 88 Resp: 84024
Ion Ratio Lower Upper
88 100
58 73.9 58.3 87.5
43 23.4 20.2 30.2



Abundance Ion 88.00 (87.70 to 88.70): BGC
Ion 58.00 (57.70 to 58.70): BGC
Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 36.974 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

Instrument :

BNA_G

ClientSampled :

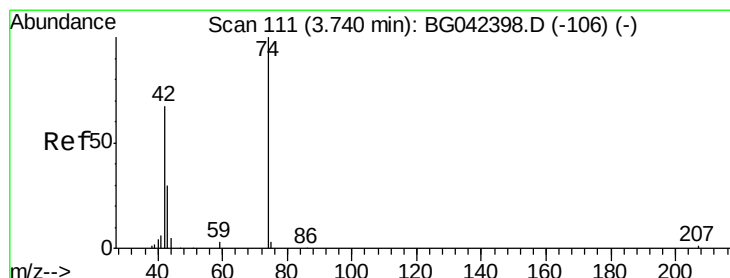
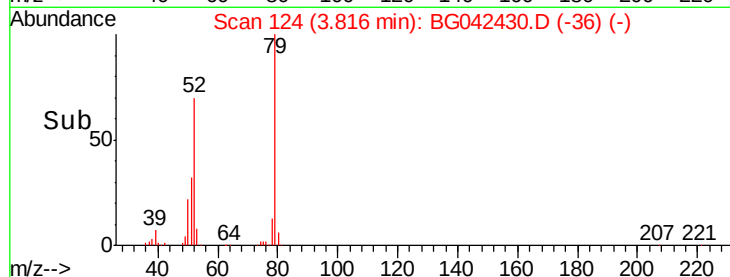
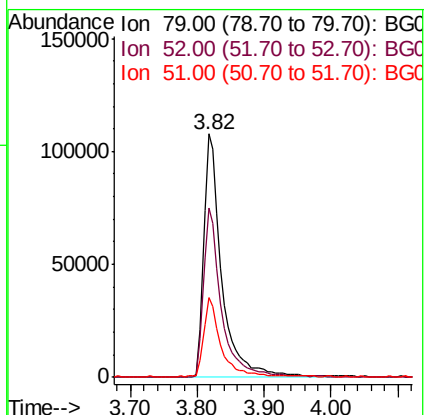
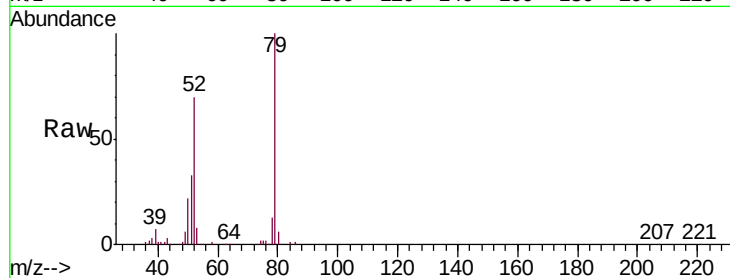
Tot Ion: 79 Resp: 200658

Ion Ratio Lower Upper

79 100

52 69.6 57.7 86.5

51 32.6 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 39.479 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

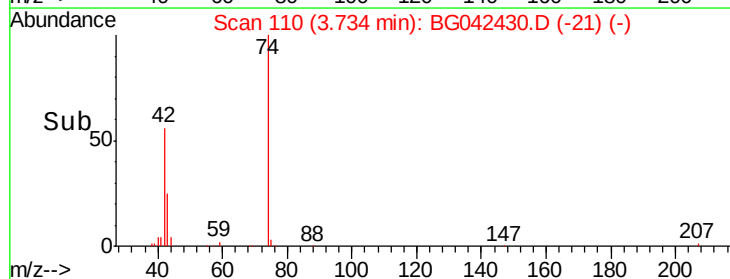
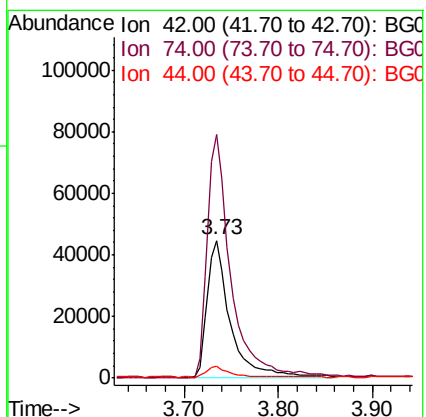
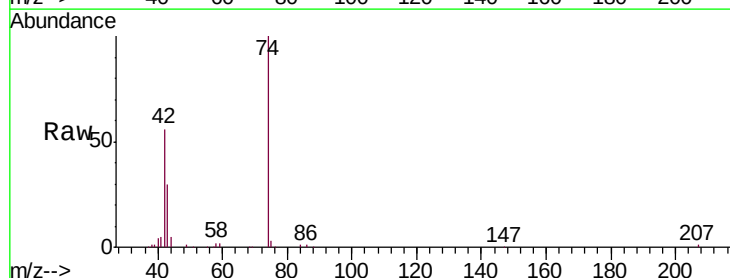
Tgt Ion: 42 Resp: 76523

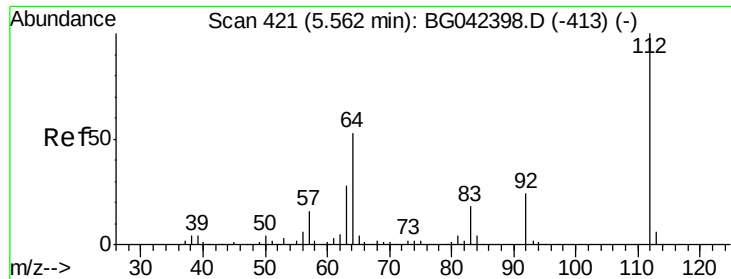
Ion Ratio Lower Upper

42 100

74 177.2 119.6 179.4

44 8.5 6.5 9.7





#5

2-Fluorophenol

Concen: 125.885 ng

RT: 5.56 min Scan# 421

Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

Instrument :

BNA_G

ClientSampleId :

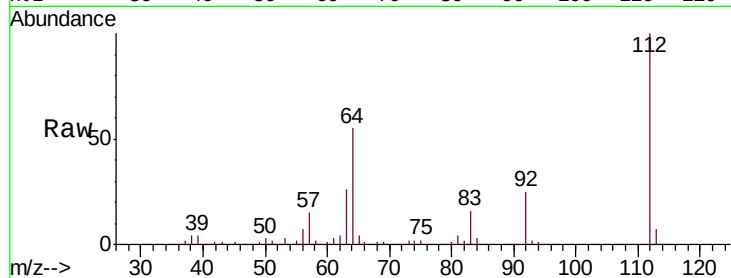
Tot Ion:112 Resp: 638416

Ion Ratio Lower Upper

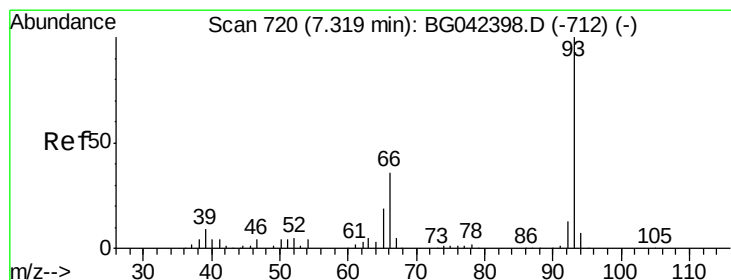
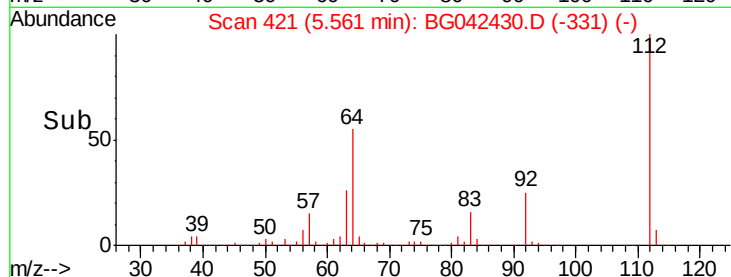
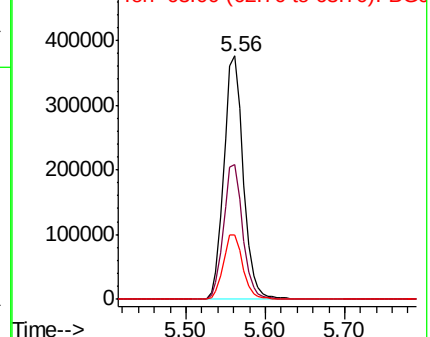
112 100

64 55.4 42.8 64.2

63 26.2 22.7 34.1



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



#6

Aniline

Concen: 34.105 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

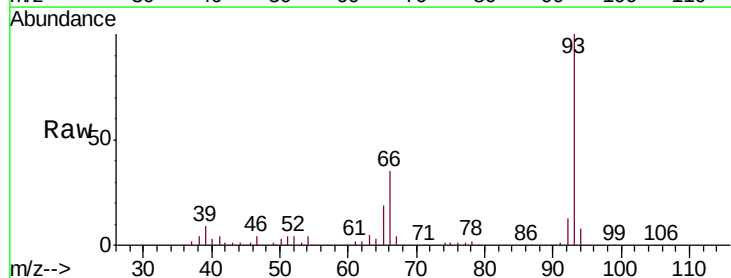
Tgt Ion: 93 Resp: 311608

Ion Ratio Lower Upper

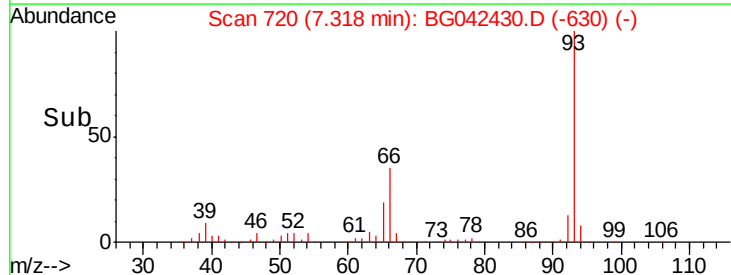
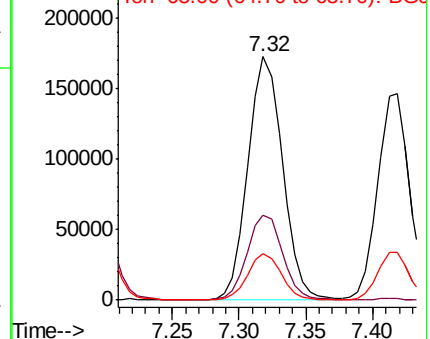
93 100

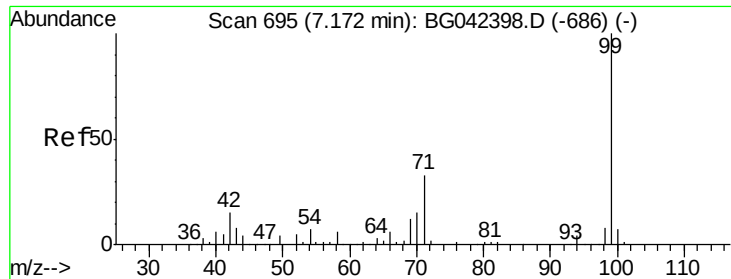
66 35.1 29.0 43.6

65 18.9 15.2 22.8



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: 116.716 ng

RT: 7.17 min Scan# 695

Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

Instrument :

BNA_G

ClientSampled :

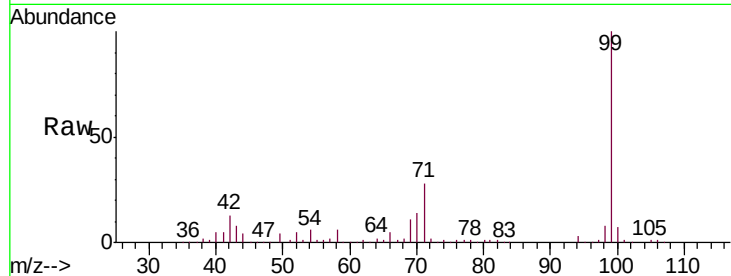
Tot Ion: 99 Resp: 799542

Ion Ratio Lower Upper

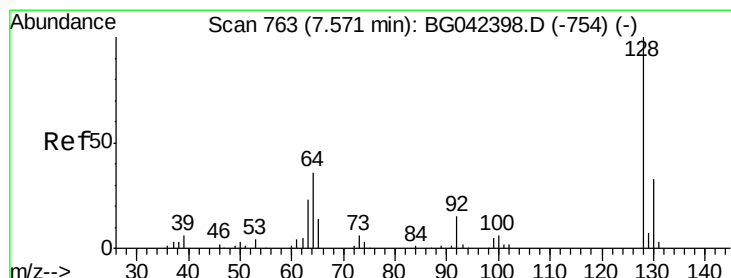
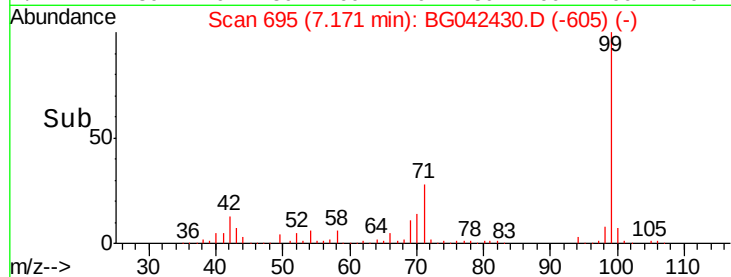
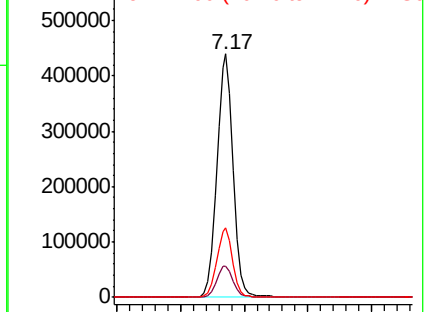
99 100

42 13.0 12.0 18.0

71 28.5 26.3 39.5



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: 45.499 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

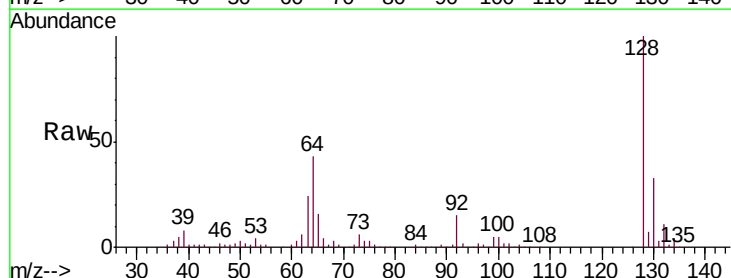
Tgt Ion: 128 Resp: 279643

Ion Ratio Lower Upper

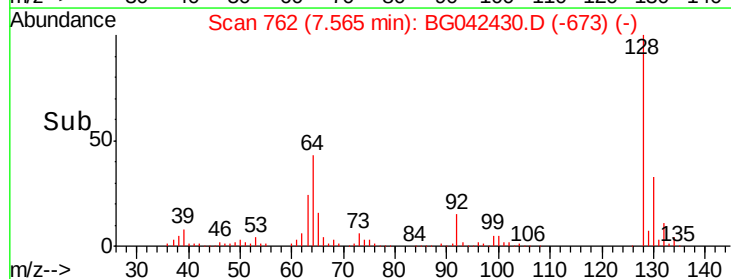
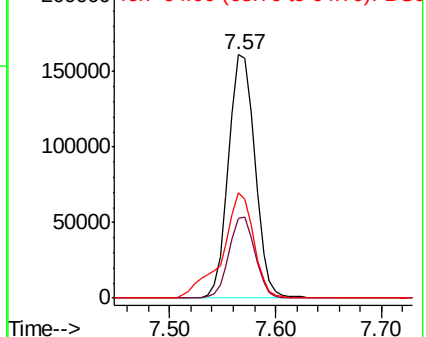
128 100

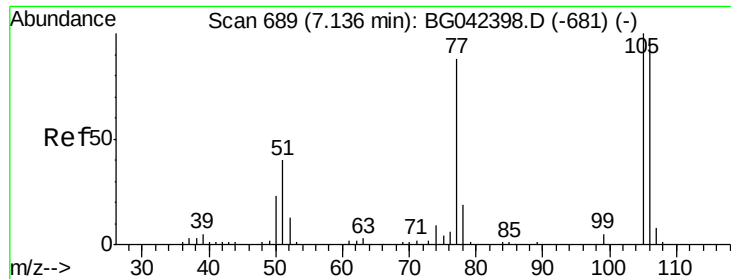
130 33.0 12.8 52.8

64 43.4 19.2 59.2



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: 53.572 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

Instrument :

BNA_G

ClientSampled :

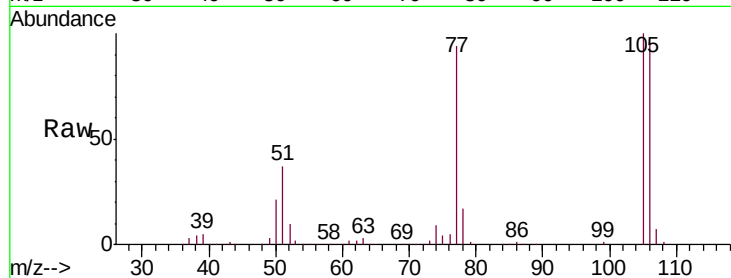
Tot Ion: 77 Resp: 183729

Ion Ratio Lower Upper

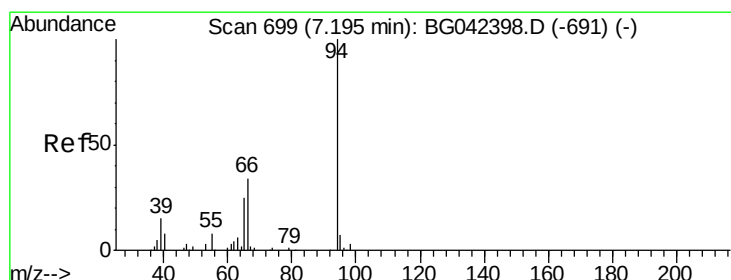
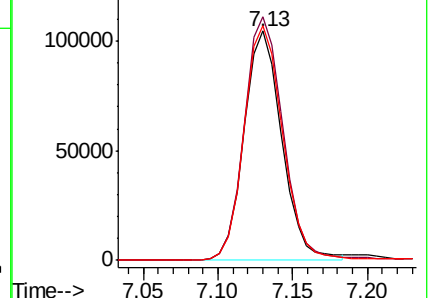
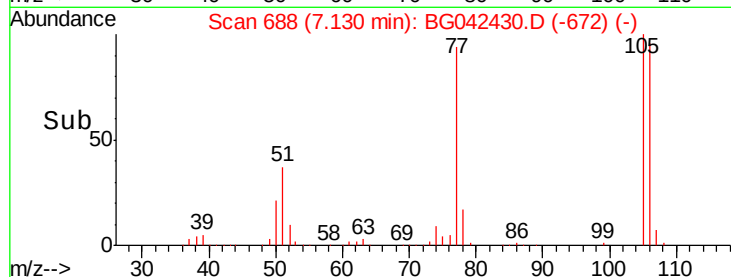
77 100

105 106.3 93.4 133.4

106 102.5 88.4 128.4



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: 46.816 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

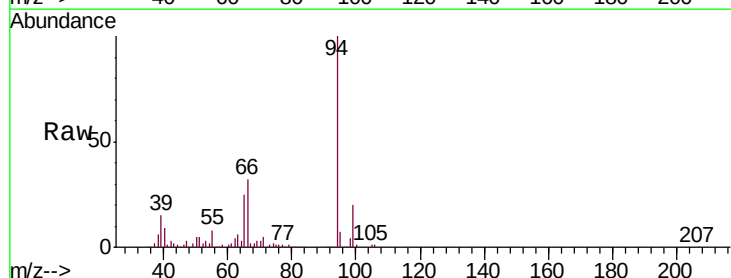
Tgt Ion: 94 Resp: 326075

Ion Ratio Lower Upper

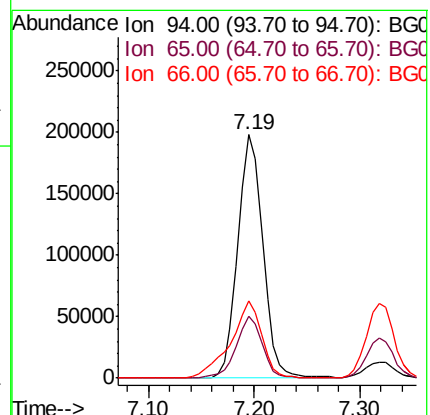
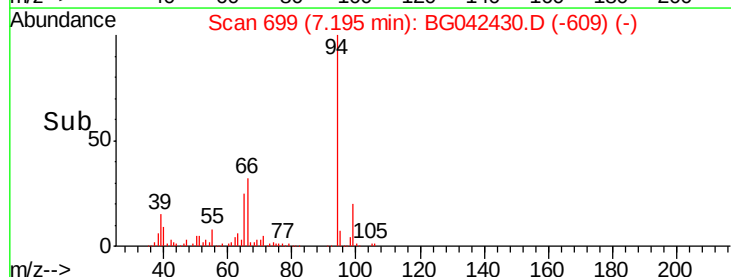
94 100

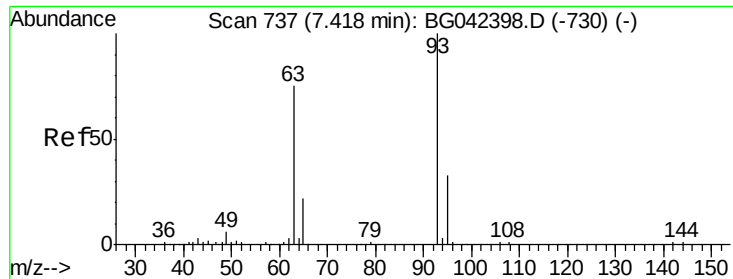
65 25.4 5.6 45.6

66 31.8 16.0 56.0



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

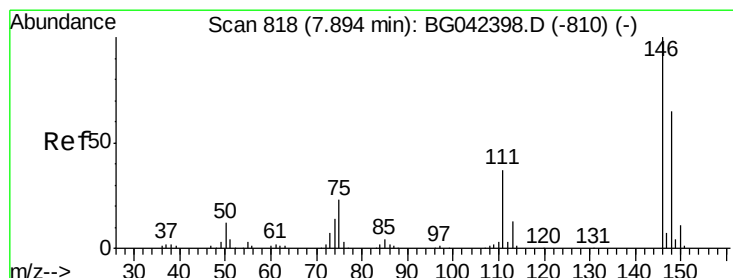
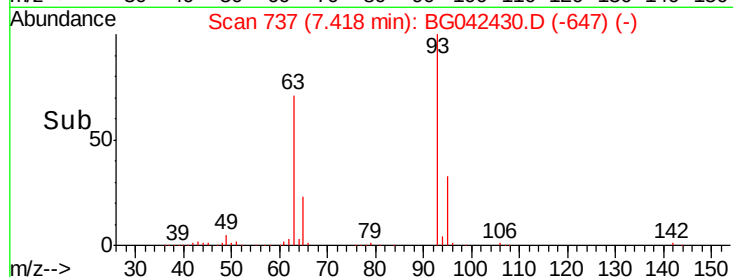
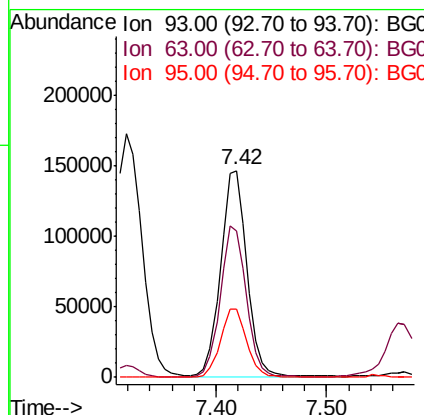
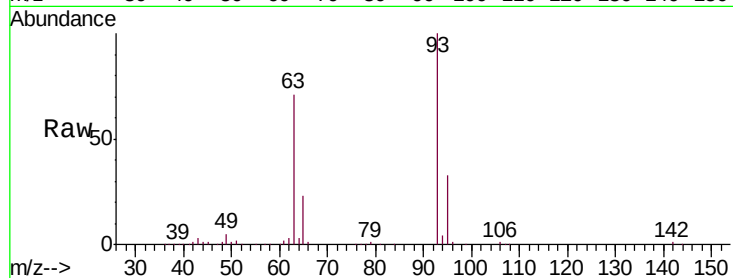




#11
 bis(2-Chloroethyl)ether
 Concen: 44.737 ng
 RT: 7.42 min Scan# 737
 Delta R.T. -0.00 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

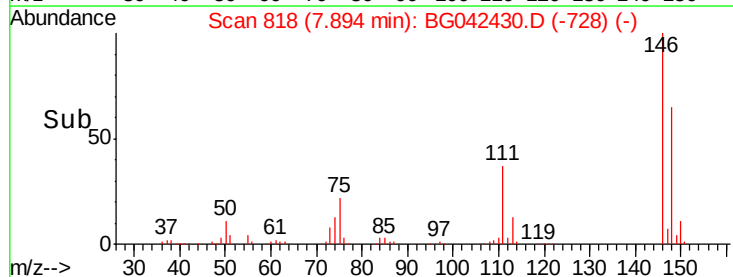
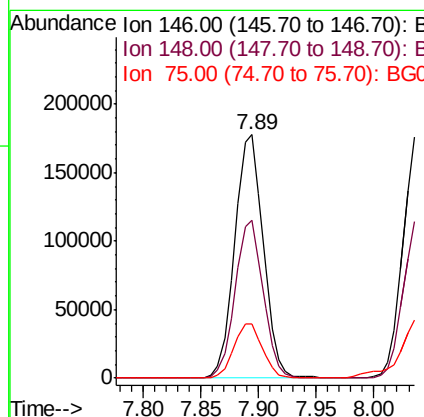
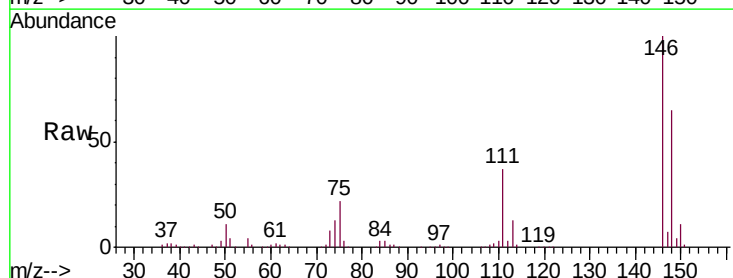
Instrument :
 BNA_G
 ClientSampled :

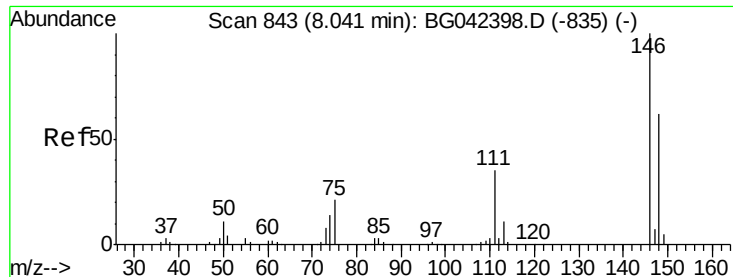
Tot Ion	93	Resp	244714
Ion	Ratio	Lower	Upper
93	100		
63	71.0	53.8	93.8
95	32.9	13.1	53.1



#12
 1,3-Dichlorobenzene
 Concen: 38.939 ng
 RT: 7.89 min Scan# 818
 Delta R.T. -0.00 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

Tgt Ion	146	Resp	304456
Ion	Ratio	Lower	Upper
146	100		
148	64.8	52.2	78.2
75	22.1	18.0	27.0

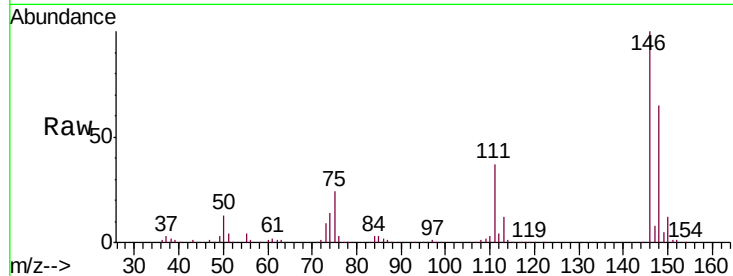




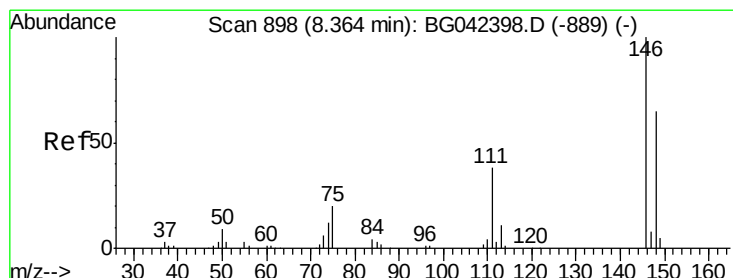
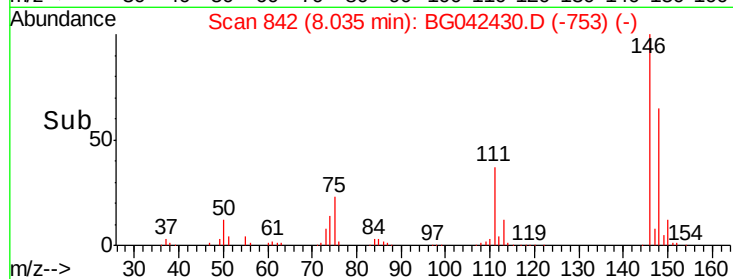
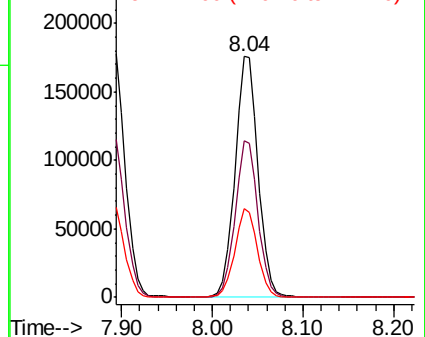
#13
 1,4-Dichlorobenzene
 Concen: 39.153 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:146 Resp: 310082
 Ion Ratio Lower Upper
 146 100
 148 65.0 49.5 74.3
 111 36.9 28.1 42.1

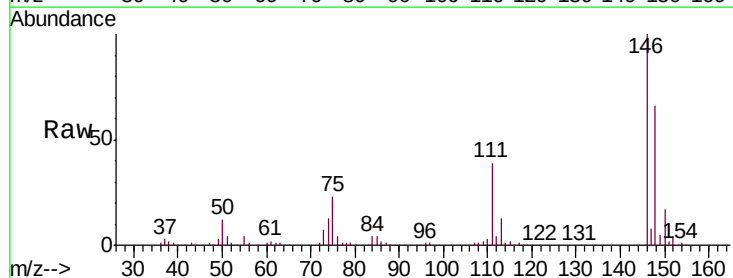


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

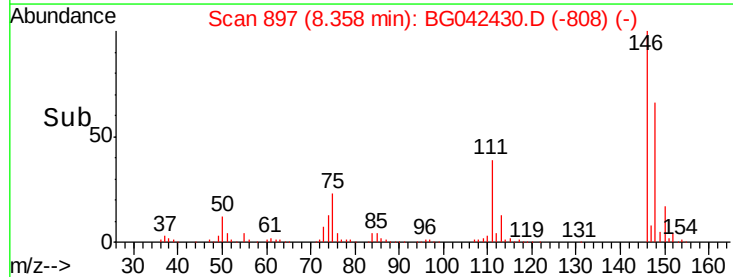
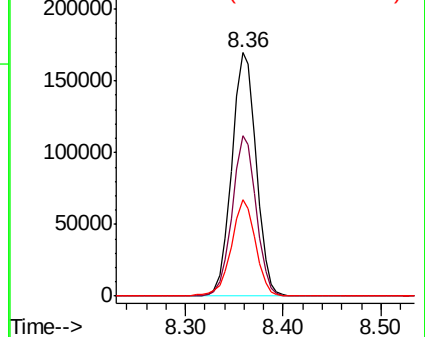


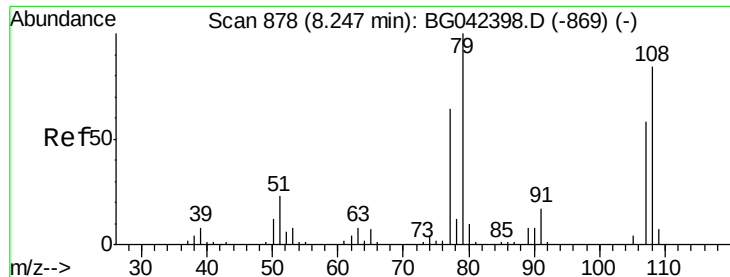
#14
 1,2-Dichlorobenzene
 Concen: 38.725 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

Tgt Ion:146 Resp: 293706
 Ion Ratio Lower Upper
 146 100
 148 65.7 51.8 77.6
 111 39.5 30.9 46.3



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





#15

Benzyl Alcohol

Concen: 40.392 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

Instrument :

BNA_G

ClientSampled :

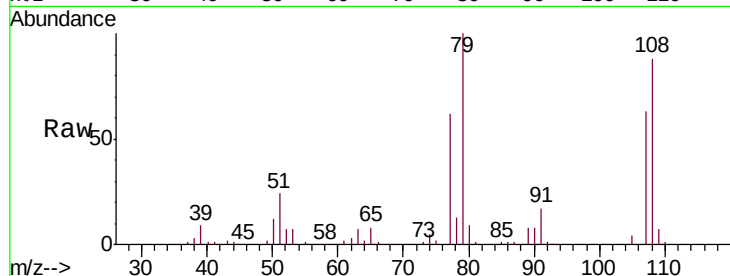
Tot Ion: 79 Resp: 199068

Ion Ratio Lower Upper

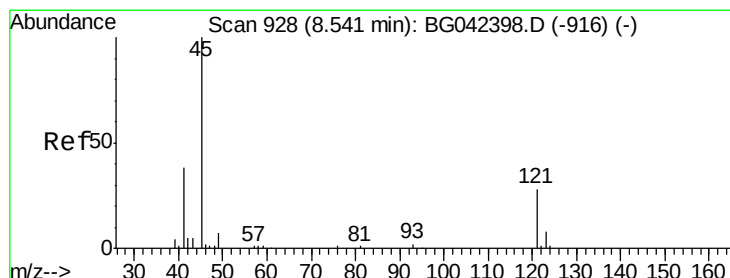
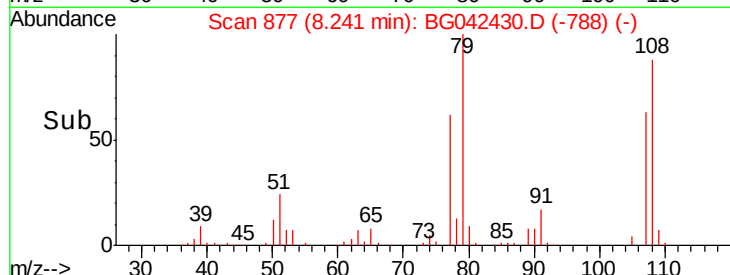
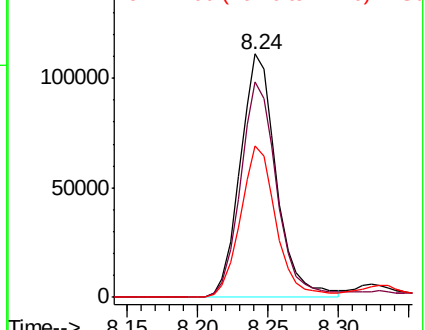
79 100

108 88.3 67.4 101.2

77 62.4 50.8 76.2



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-Chloropropane)

Concen: 42.024 ng

RT: 8.53 min Scan# 927

Delta R.T. -0.01 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

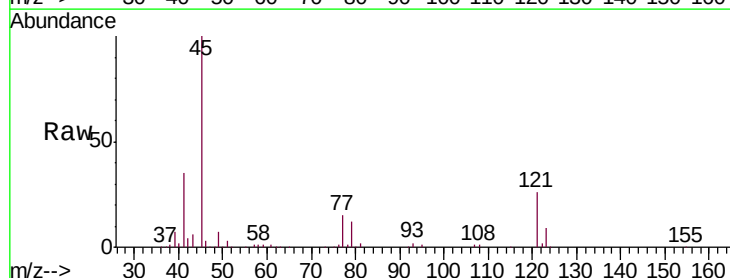
Tgt Ion: 45 Resp: 311570

Ion Ratio Lower Upper

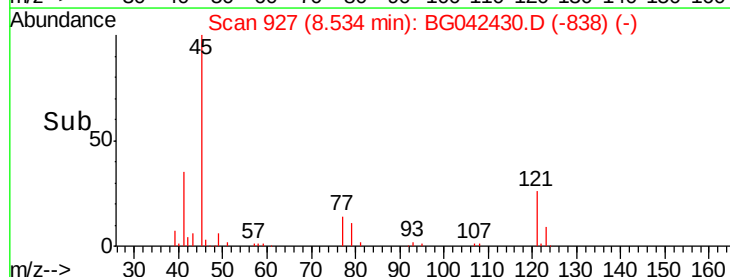
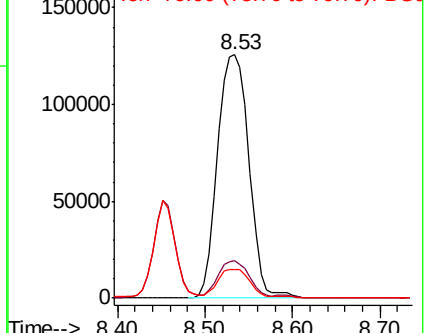
45 100

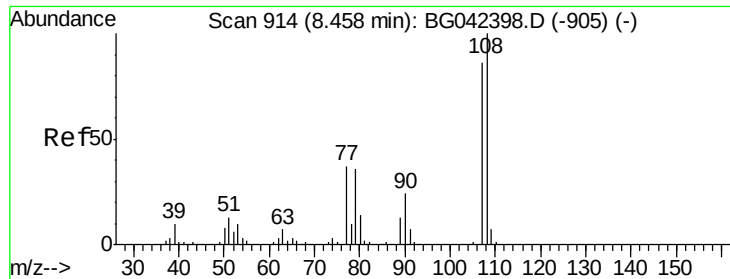
77 15.5 0.0 35.6

79 11.9 0.0 31.6



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

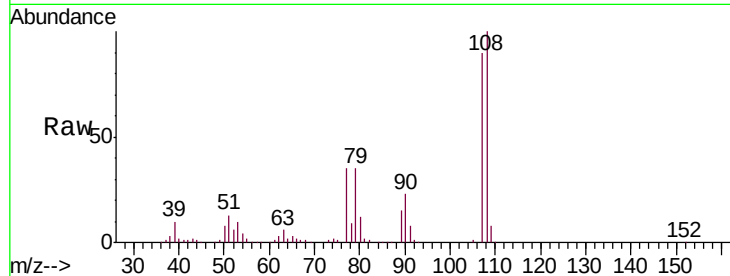




#17
2-Methylphenol
Concen: 44.319 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Instrument :
BNA_G
ClientSampled :

Tot Ion:	107	Resp:	227362
Ion	Ratio	Lower	Upper
107	100		
108	110.8	92.9	139.3
77	38.5	34.4	51.6
79	38.3	33.8	50.6



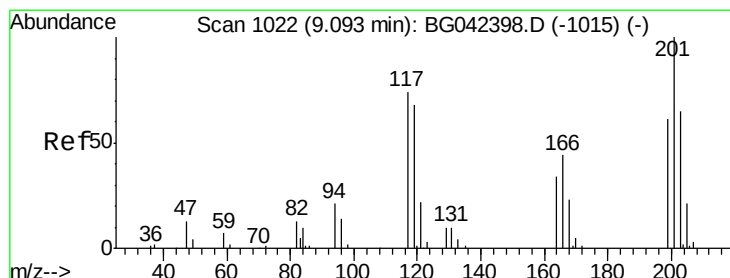
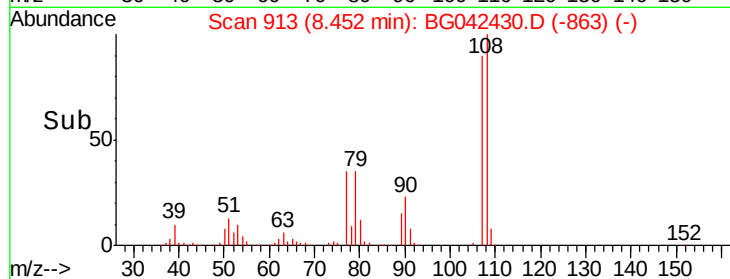
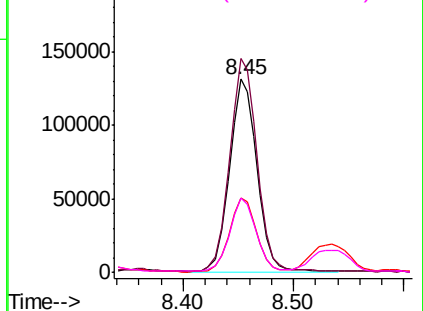
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

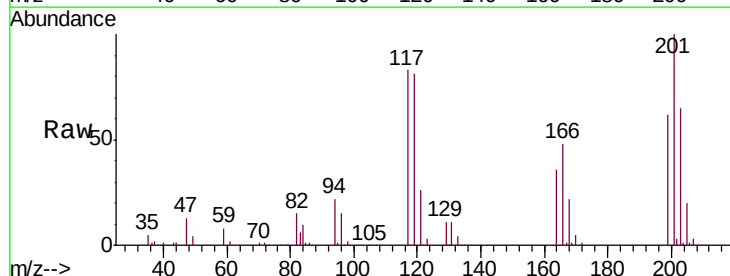
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 38.529 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Tgt Ion:	117	Resp:	104464
Ion	Ratio	Lower	Upper
117	100		
119	96.7	73.8	110.8
201	119.8	108.3	162.5

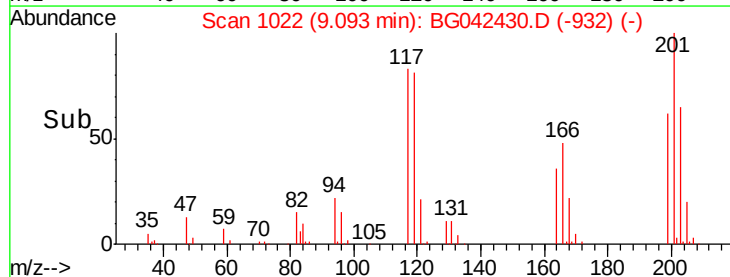
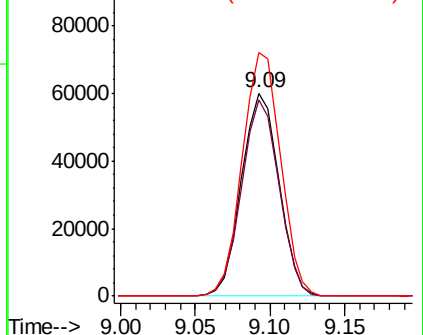


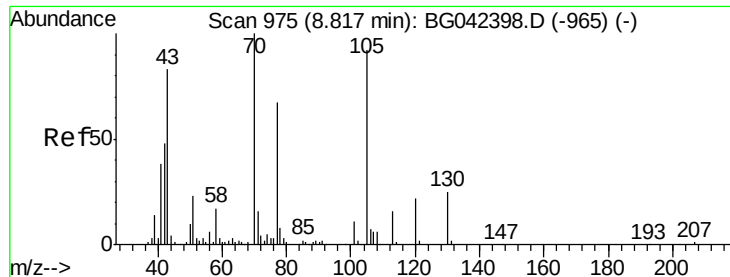
Abundance

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

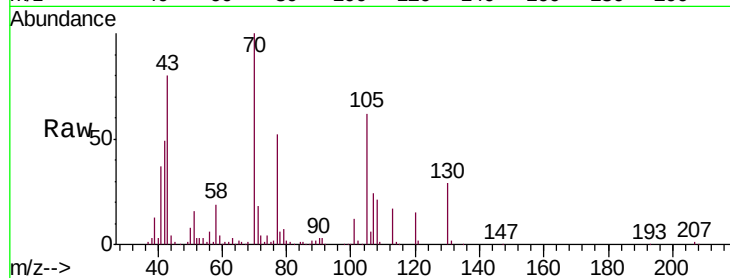




#19
n-Nitroso-di-n-propylamine
Concen: 40.261 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	70	Resp:	178679
Ion	Ratio	Lower	Upper
70	100		
42	49.4	38.8	58.2
101	12.0	9.0	13.6
130	28.9	20.0	30.0



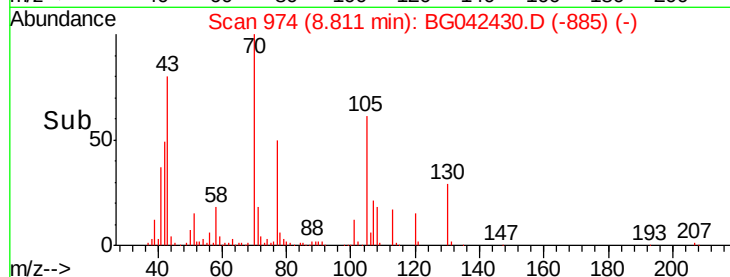
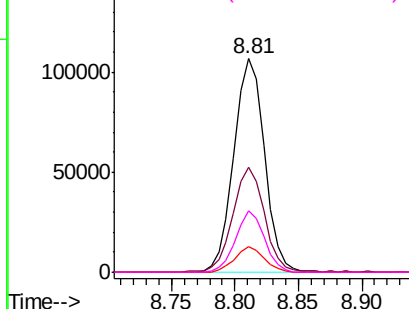
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

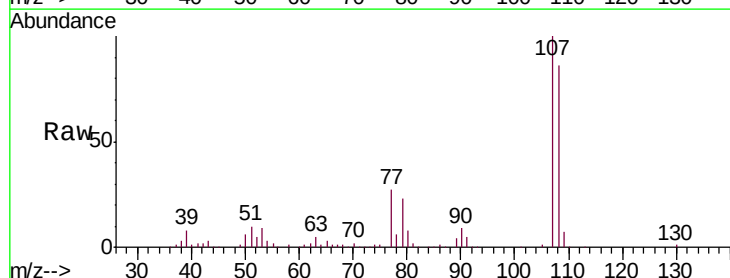
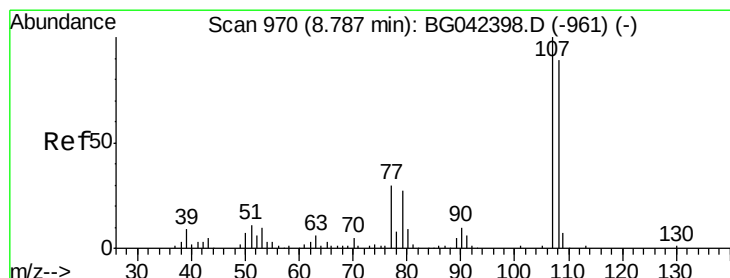
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 44.144 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Tgt Ion:	107	Resp:	313367
Ion	Ratio	Lower	Upper
107	100		
108	85.8	68.7	108.7
77	26.8	10.2	50.2
79	22.8	6.9	46.9



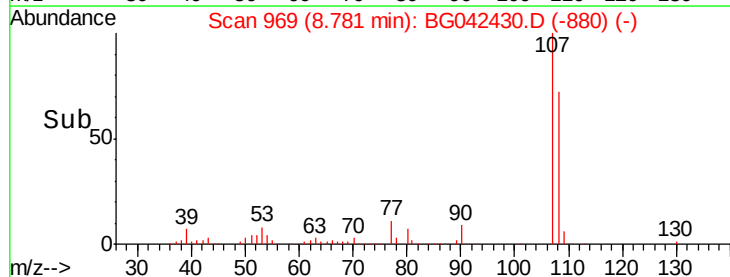
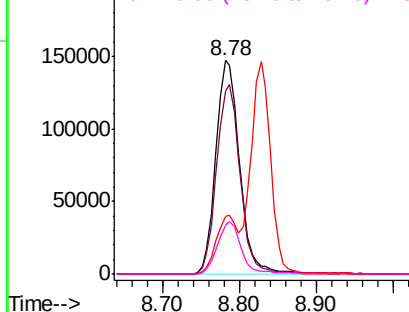
Abundance

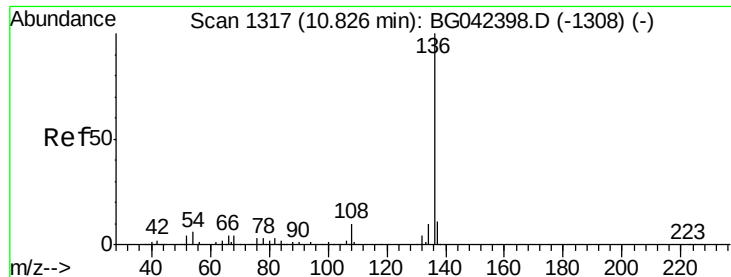
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

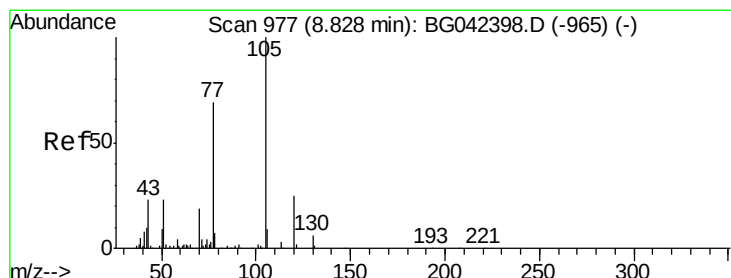
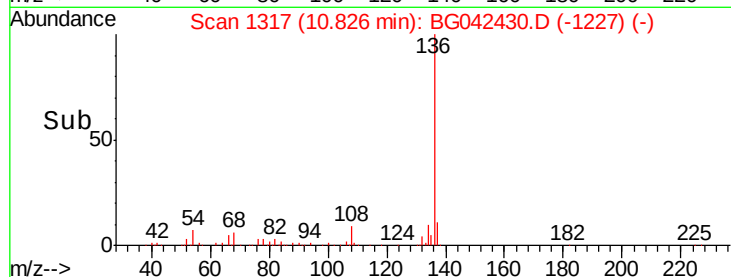
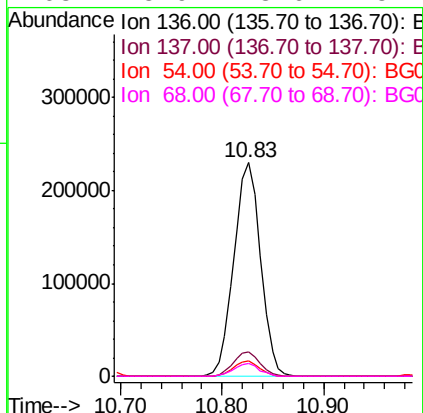
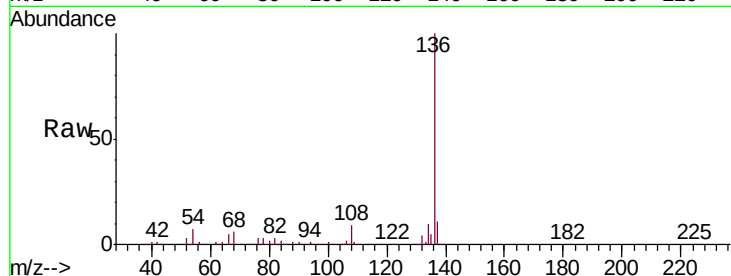




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

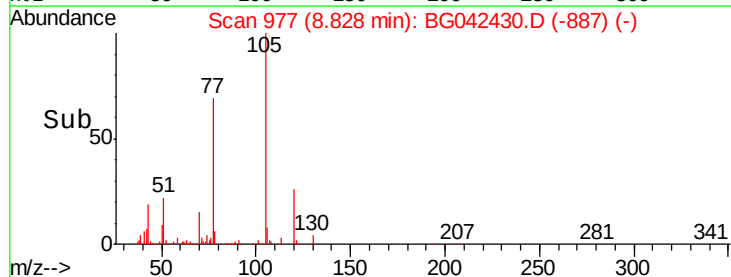
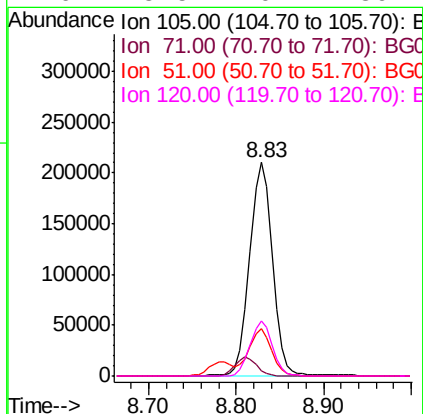
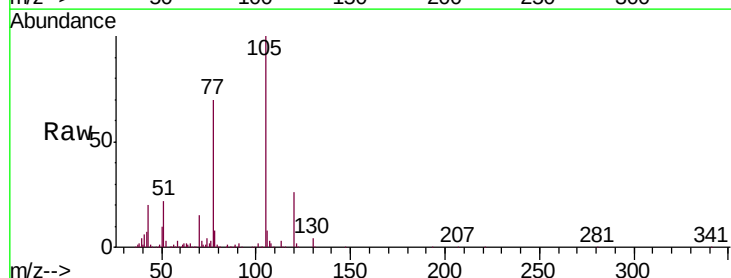
Instrument :
BNA_G
ClientSampleId :

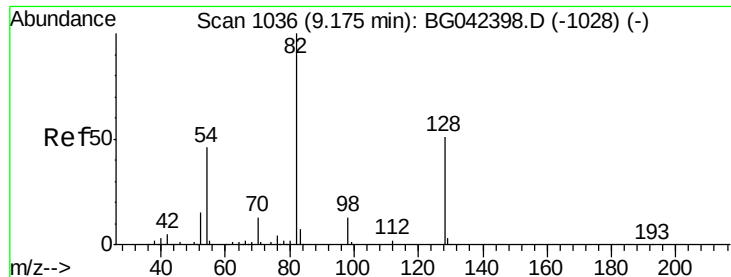
Tot Ion:136	Resp:	421477
Ion Ratio	Lower	Upper
136 100		
137 11.1	8.7	13.1
54 6.9	4.9	7.3
68 5.9	3.6	5.4#



#22
Acetophenone
Concen: 41.453 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Tgt	Ion:105	Resp:	373685
Ion	Ratio	Lower	Upper
105	100		
71	2.6	2.8	4.2#
51	21.9	18.7	28.1
120	25.5	20.1	30.1

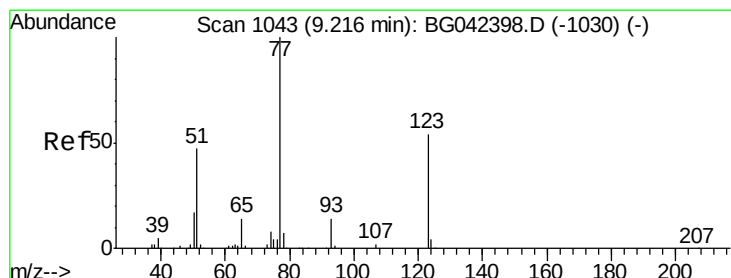
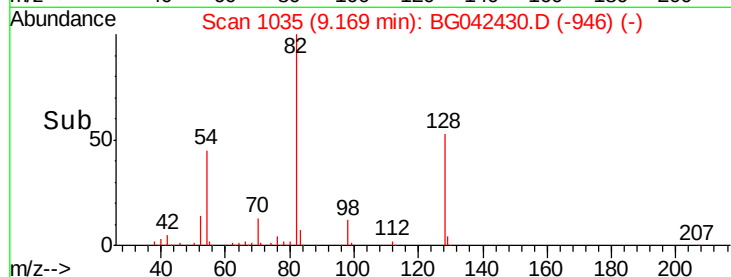
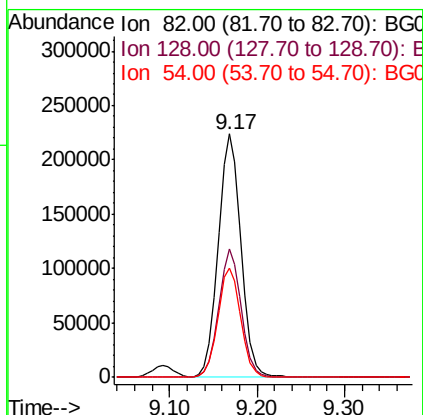
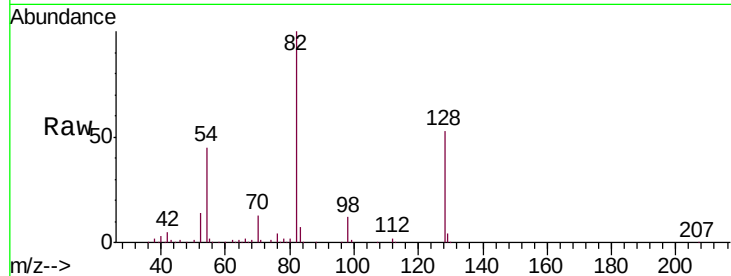




#23
Nitrobenzene-d5
Concen: 65.844 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

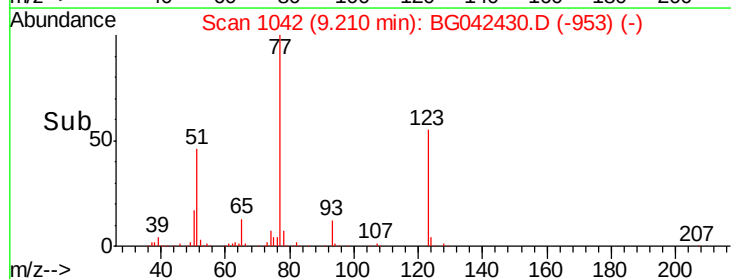
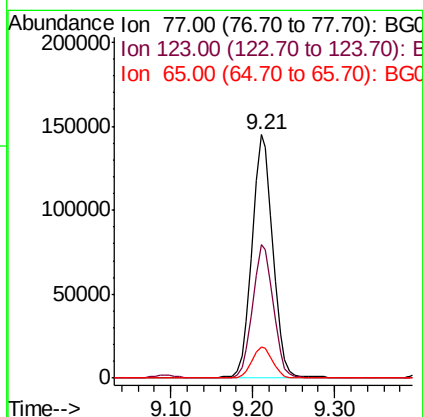
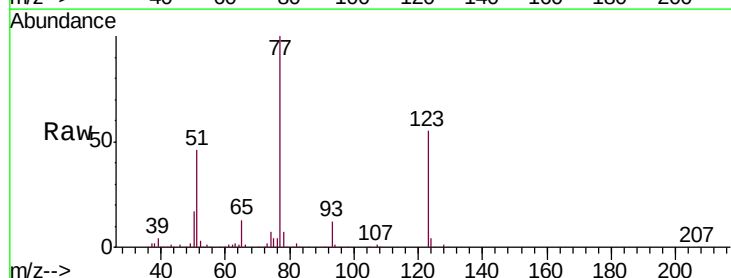
Instrument :
BNA_G
ClientSampled :

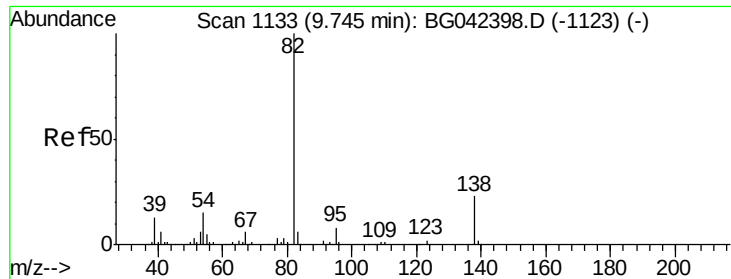
Tot Ion	82	Resp	401592
Ion Ratio	Lower	Upper	
82	100		
128	52.9	40.7	61.1
54	44.6	36.3	54.5



#24
Nitrobenzene
Concen: 41.521 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Tgt Ion	77	Resp	256445
Ion Ratio	Lower	Upper	
77	100		
123	54.8	43.4	65.0
65	12.7	11.0	16.6





#25

Isophorone

Concen: 40.972 ng

RT: 9.74 min Scan# 1132

Delta R.T. -0.01 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

Instrument :

BNA_G

ClientSampleId :

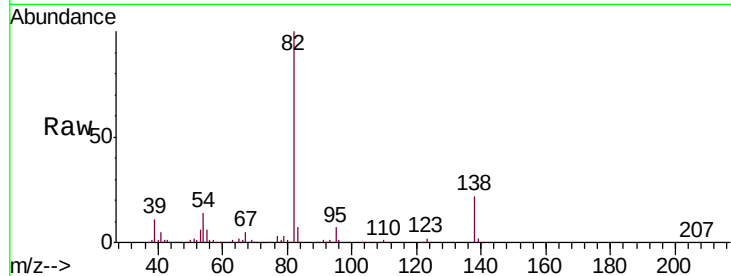
Tot Ion: 82 Resp: 493174

Ion Ratio Lower Upper

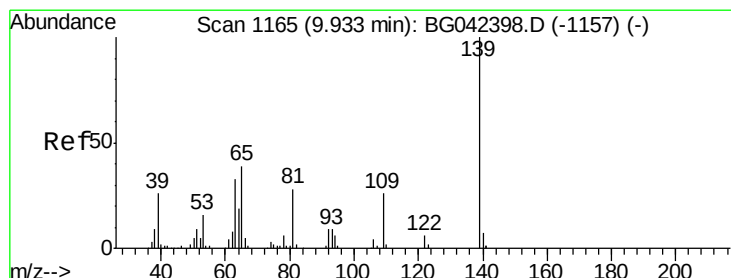
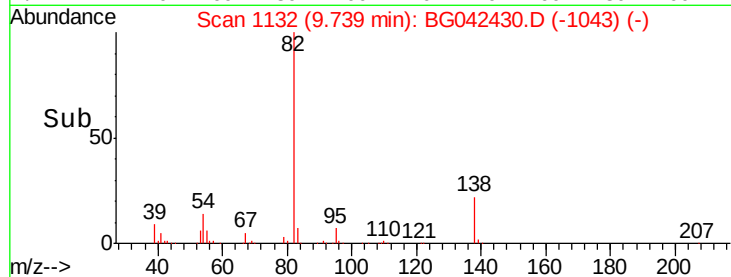
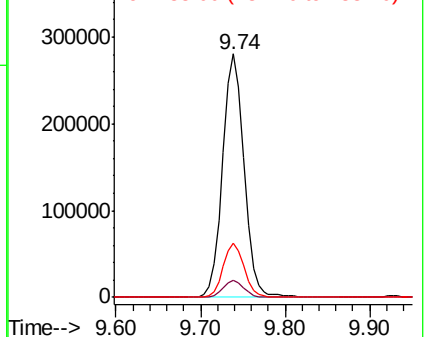
82 100

95 7.1 6.6 9.8

138 22.2 18.6 27.8



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



#26

2-Nitrophenol

Concen: 42.848 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

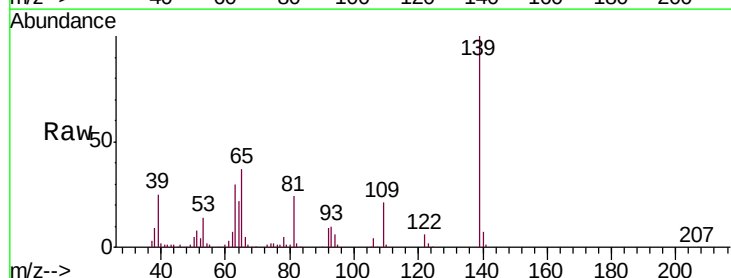
Tgt Ion: 139 Resp: 165841

Ion Ratio Lower Upper

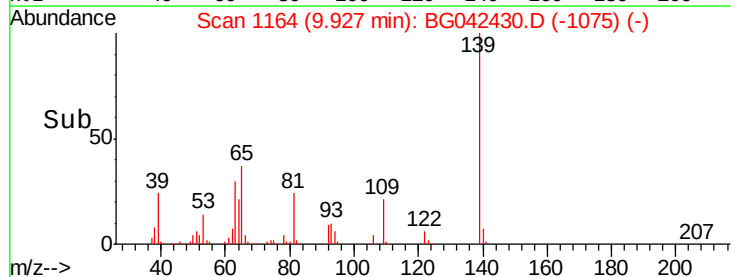
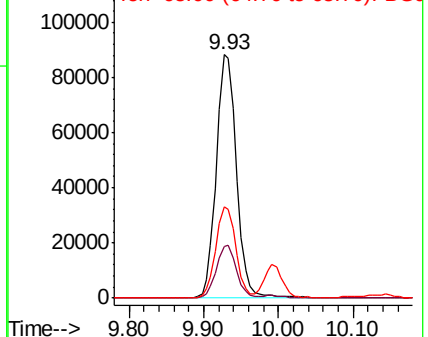
139 100

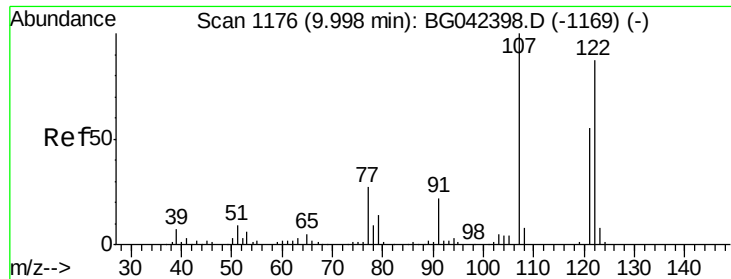
109 21.0 20.5 30.7

65 37.4 30.9 46.3



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

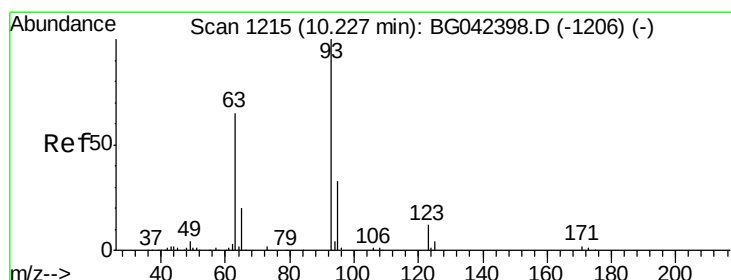
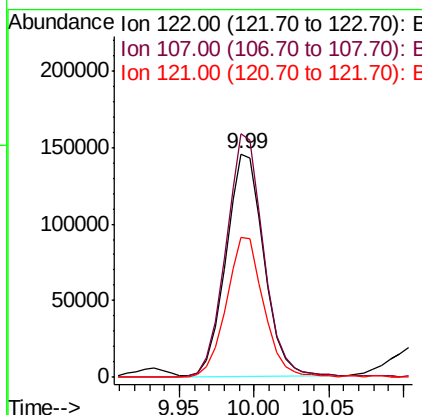
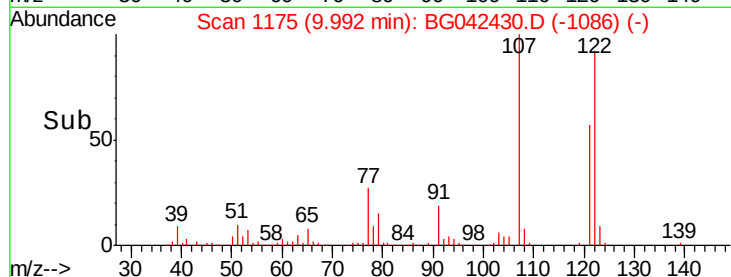
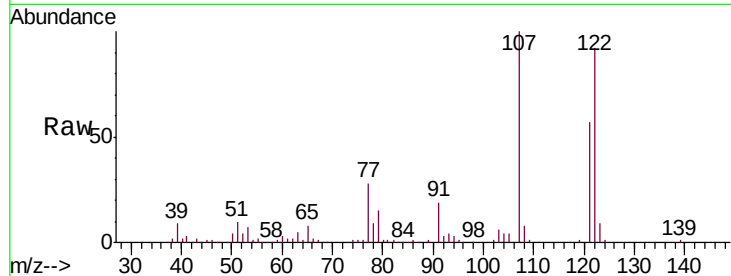




#27
 2,4-Dimethylphenol
 Concen: 48.466 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

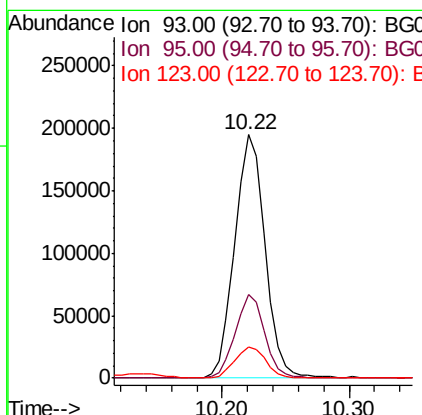
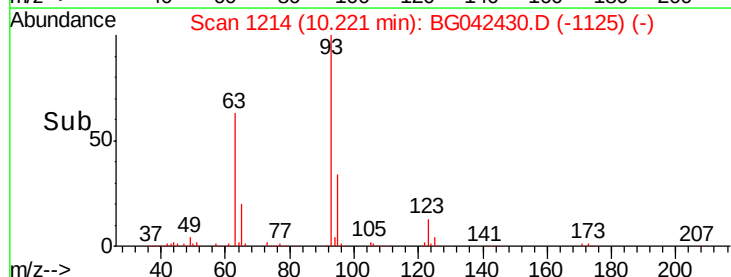
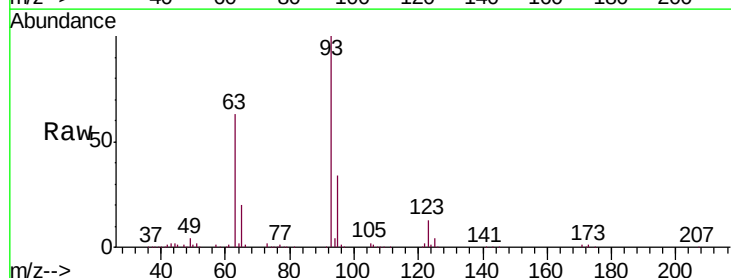
Instrument :
 BNA_G
 ClientSampleId :

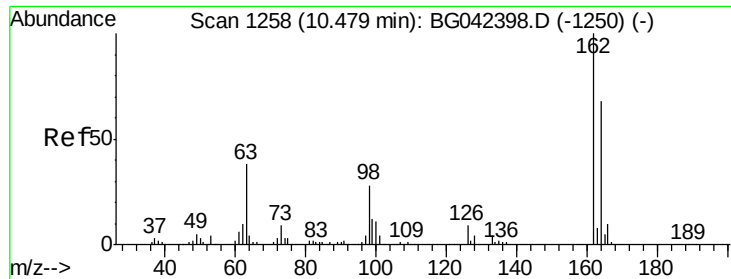
Tot Ion	Ratio	Lower	Upper
122	100		
107	108.9	90.8	136.2
121	62.5	49.6	74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 42.627 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

Tgt Ion	Ratio	Lower	Upper
93	100		
95	34.5	26.6	40.0
123	12.7	10.1	15.1

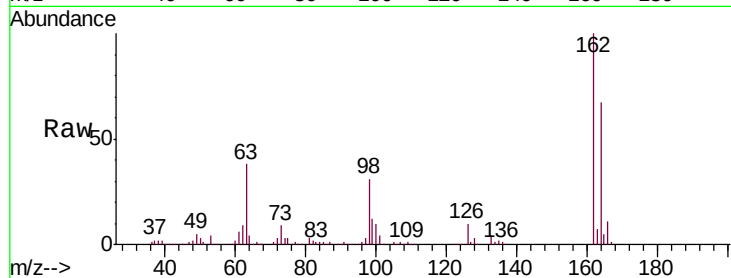




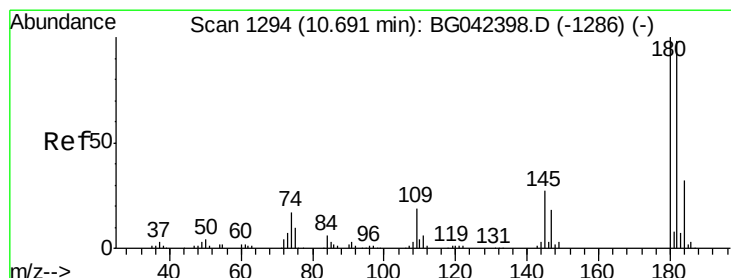
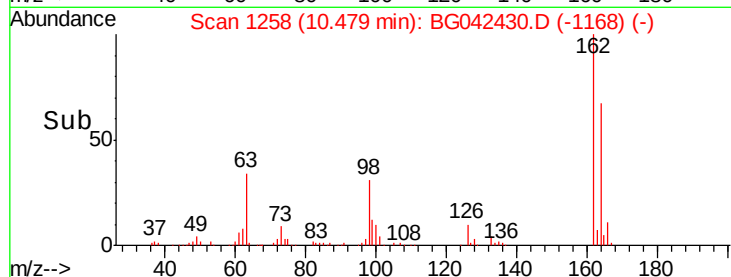
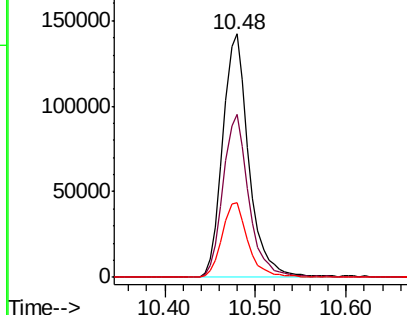
#29
 2,4-Dichlorophenol
 Concen: 40.789 ng
 RT: 10.48 min Scan# 1258
 Delta R.T. -0.00 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
164	67.0	48.1	88.1
98	30.7	7.6	47.6

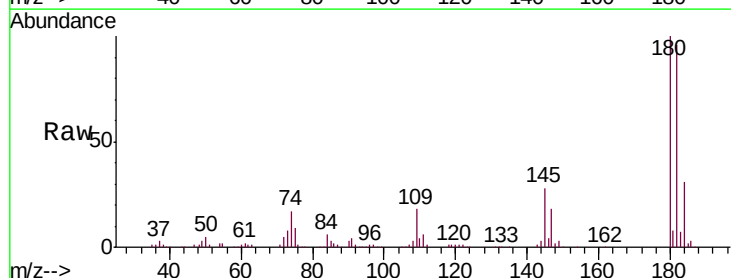


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

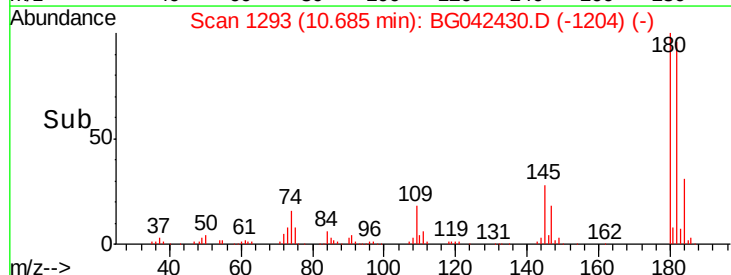
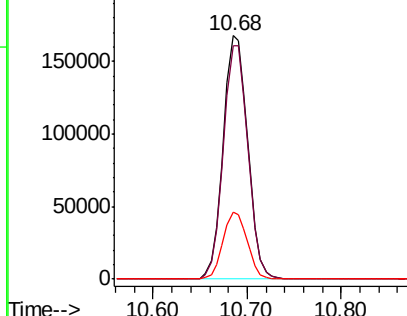


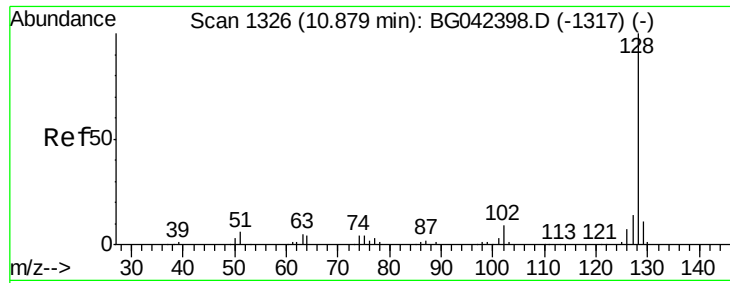
#30
 1,2,4-Trichlorobenzene
 Concen: 35.636 ng
 RT: 10.68 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.8	78.7	118.1
145	27.7	21.6	32.4



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

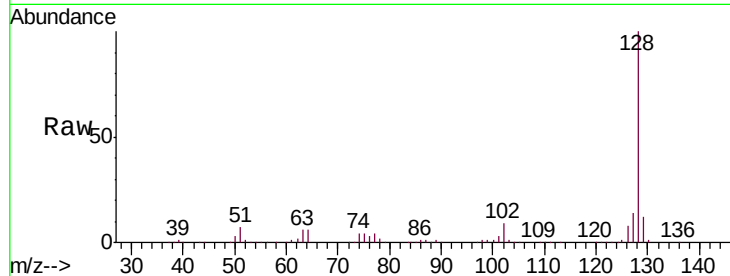




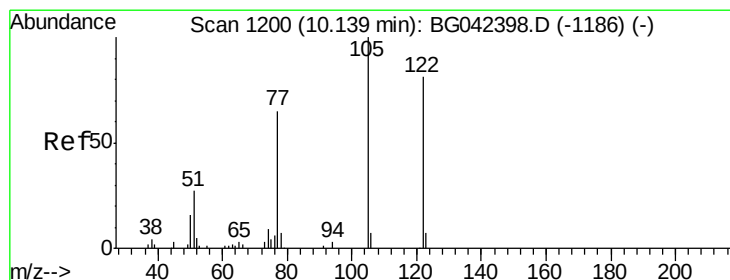
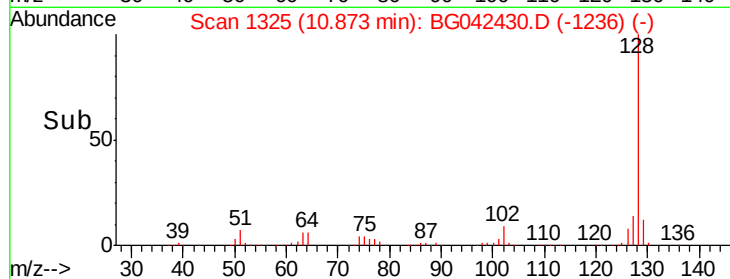
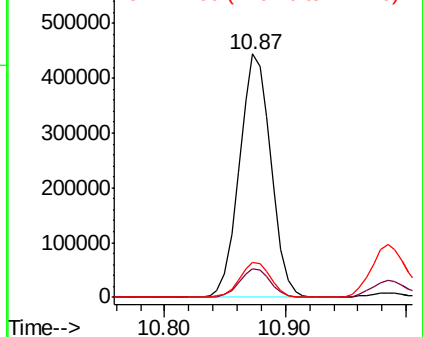
#31
Naphthalene
Concen: 41.215 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:128 Resp: 806509
Ion Ratio Lower Upper
128 100
129 11.8 8.8 13.2
127 14.5 11.4 17.0

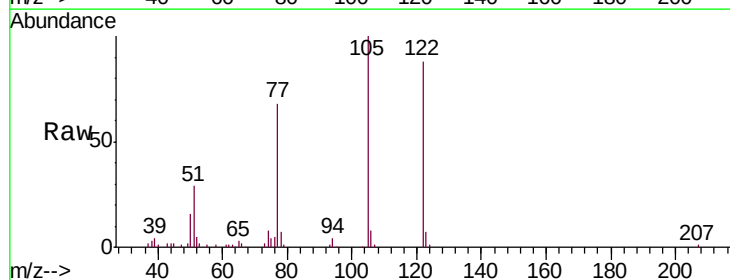


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

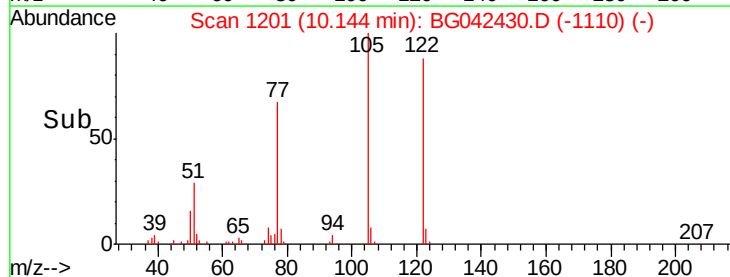
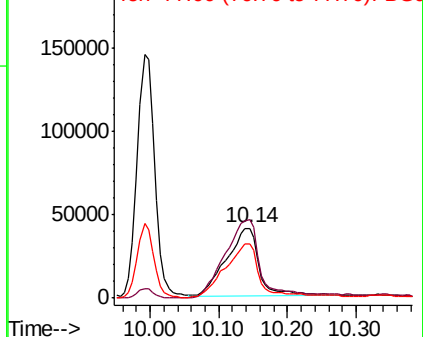


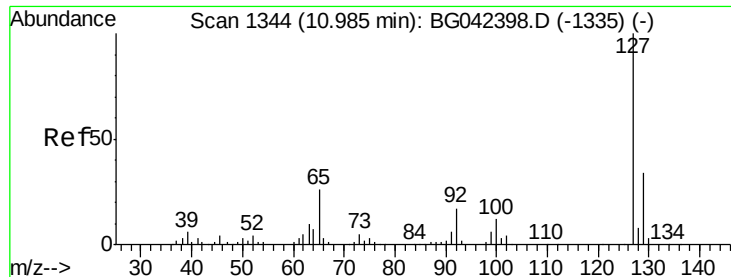
#32
Benzoic acid
Concen: 37.679 ng
RT: 10.14 min Scan# 1201
Delta R.T. 0.01 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Tgt Ion:122 Resp: 137605
Ion Ratio Lower Upper
122 100
105 113.2 99.6 139.6
77 76.9 59.5 99.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

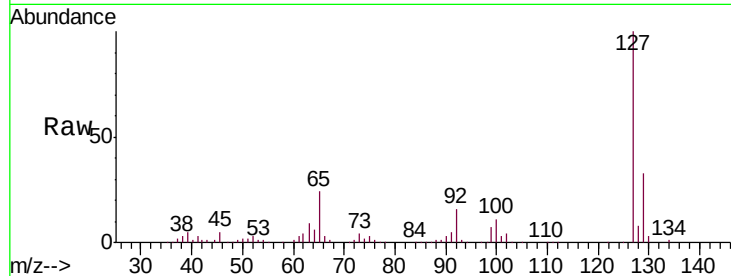




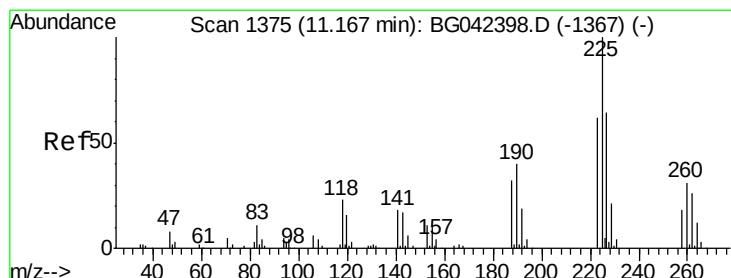
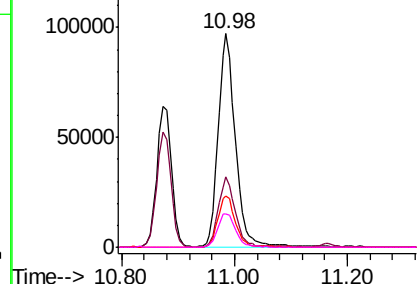
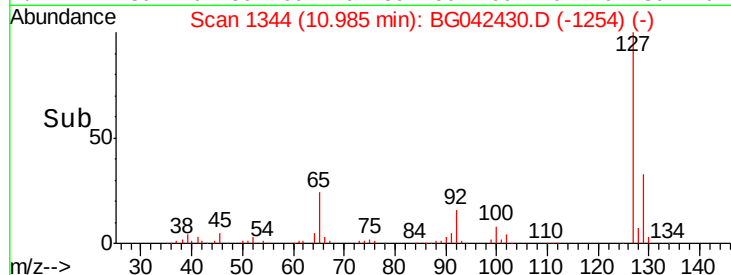
#33
4-Chloroaniline
Concen: 22.717 ng
RT: 10.98 min Scan# 1344
Delta R.T. -0.00 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:	127	Resp:	205205
Ion	Ratio	Lower	Upper
127	100		
129	32.9	26.8	40.2
65	24.0	20.7	31.1
92	15.6	13.6	20.4

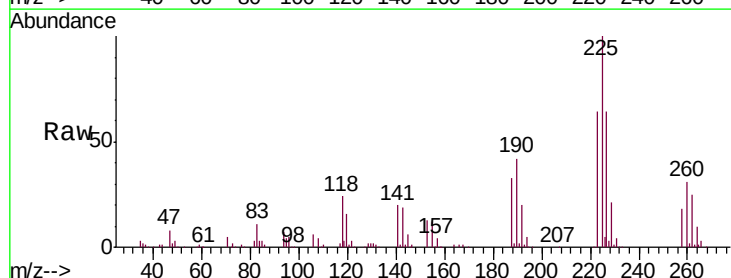


Abundance Ion 127.00 (126.70 to 127.70): E
150000
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

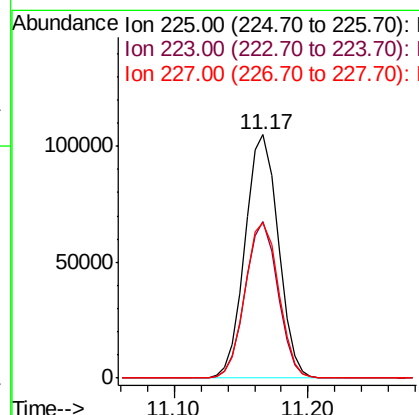
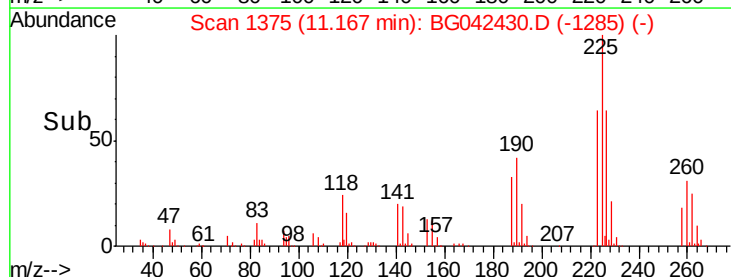


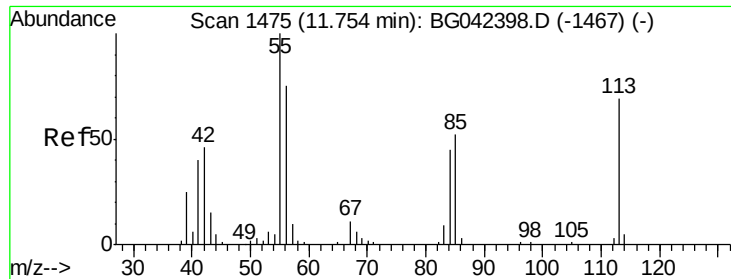
#34
Hexachlorobutadiene
Concen: 31.329 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Tgt Ion:	225	Resp:	180274
Ion	Ratio	Lower	Upper
225	100		
223	64.4	49.8	74.6
227	63.8	50.9	76.3



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

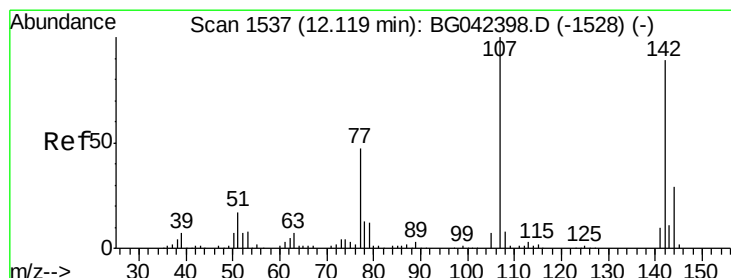
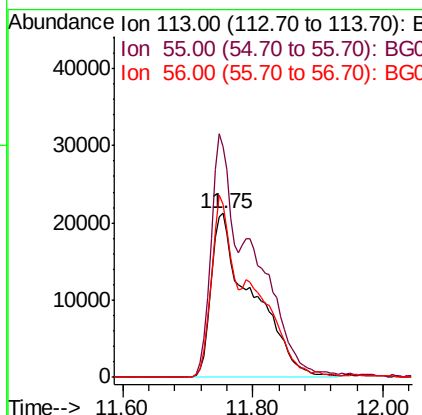
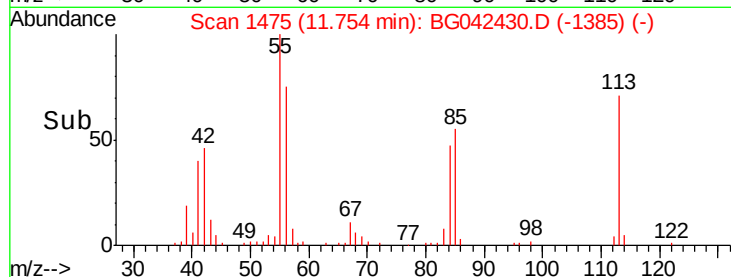
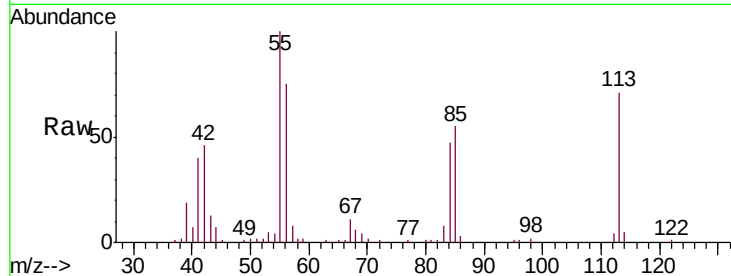




#35
Caprolactam
Concen: 39.878 ng
RT: 11.75 min Scan# 1475
Delta R.T. -0.00 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

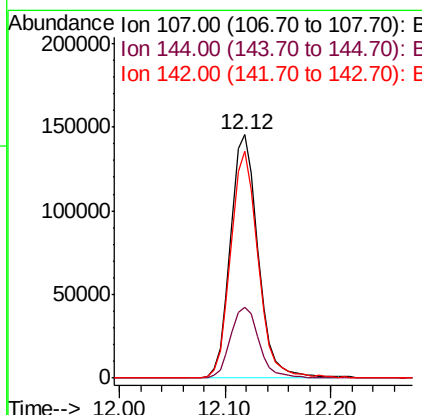
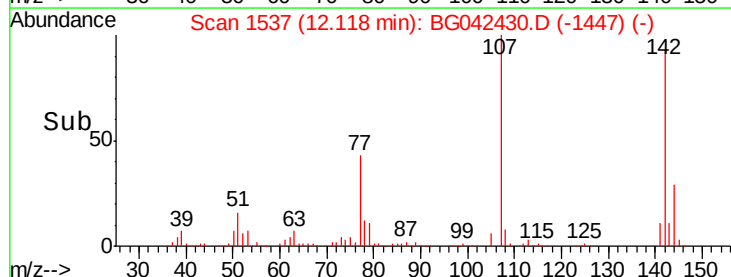
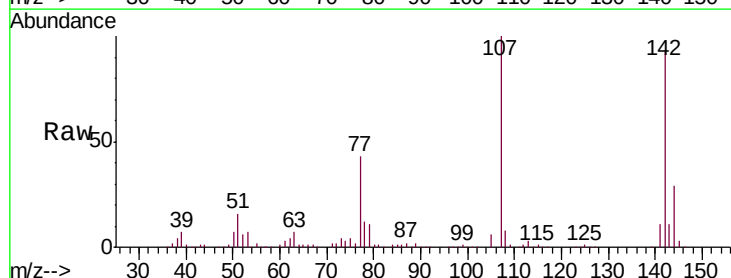
Instrument :
BNA_G
ClientSampled :

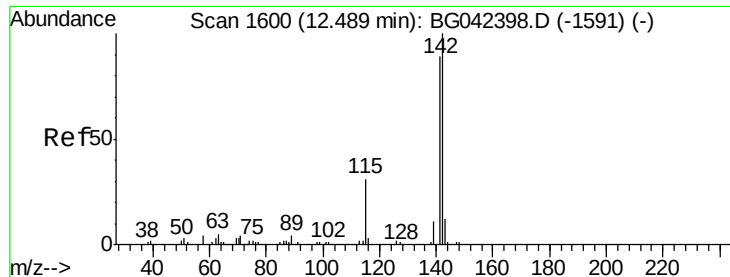
Tot Ion:113 Resp: 92819
Ion Ratio Lower Upper
113 100
55 140.5 124.6 164.6
56 105.9 88.3 128.3



#36
4-Chloro-3-methylphenol
Concen: 39.727 ng
RT: 12.12 min Scan# 1537
Delta R.T. -0.00 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Tgt Ion:107 Resp: 263068
Ion Ratio Lower Upper
107 100
144 29.3 23.6 35.4
142 93.1 71.0 106.4

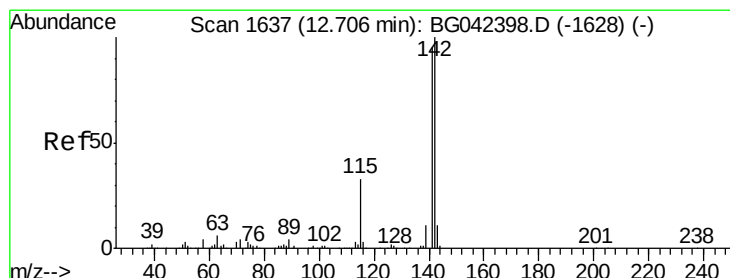
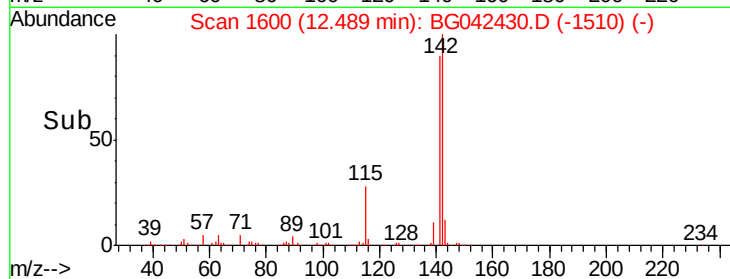
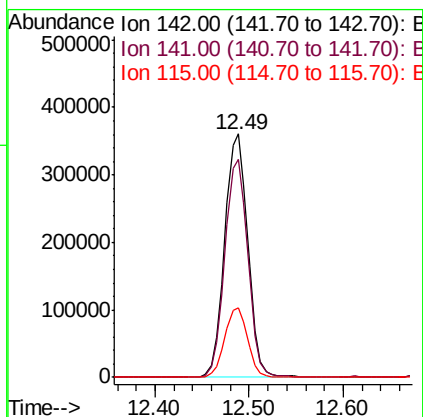
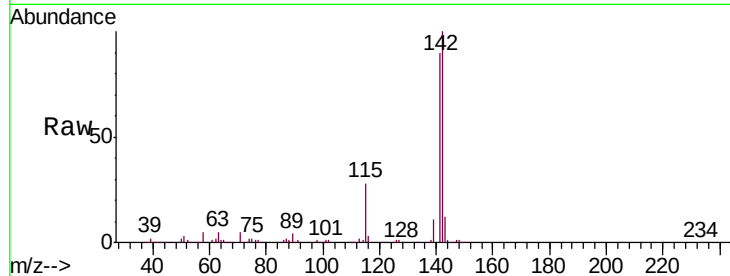




#37
 2-Methylnaphthalene
 Concen: 39.311 ng
 RT: 12.49 min Scan# 1600
 Delta R.T. -0.00 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

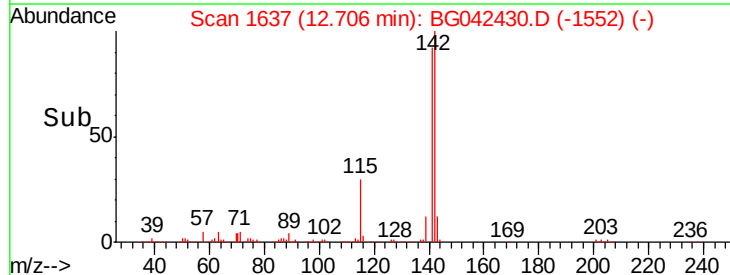
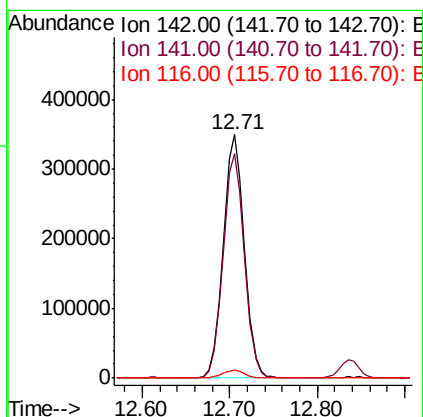
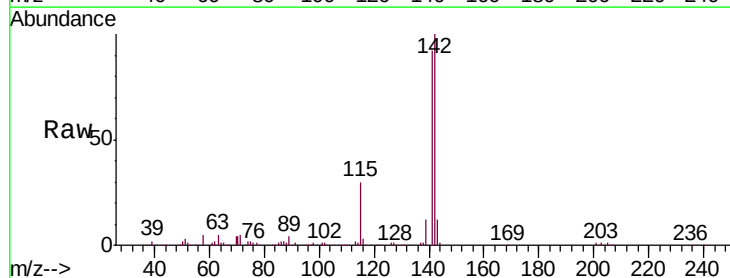
Instrument :
 BNA_G
 ClientSampled :

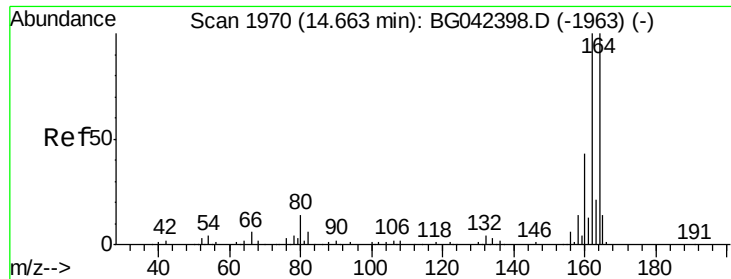
Tot Ion:142 Resp: 617670
 Ion Ratio Lower Upper
 142 100
 141 89.6 71.4 107.2
 115 28.4 25.2 37.8



#38
 1-Methylnaphthalene
 Concen: 38.885 ng
 RT: 12.71 min Scan# 1637
 Delta R.T. -0.00 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

Tgt Ion:142 Resp: 580342
 Ion Ratio Lower Upper
 142 100
 141 92.1 76.2 114.2
 116 3.3 2.8 4.2

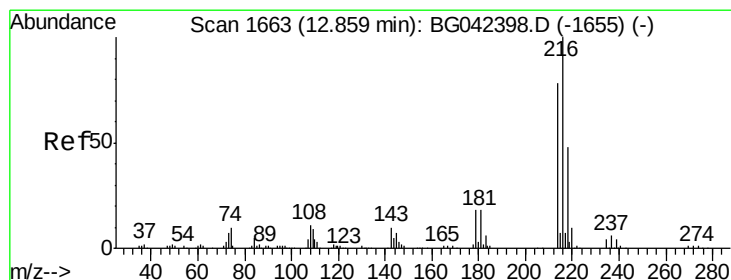
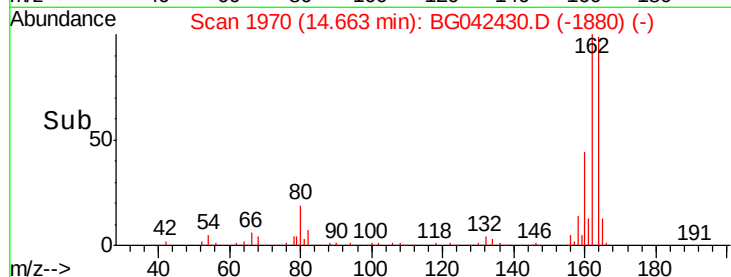
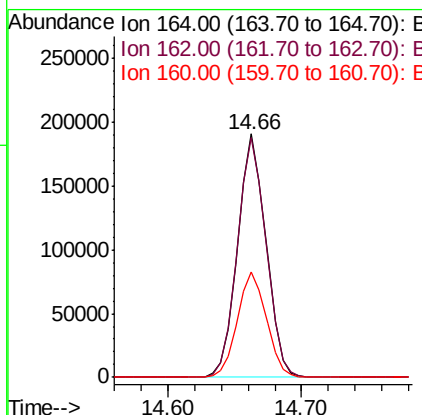
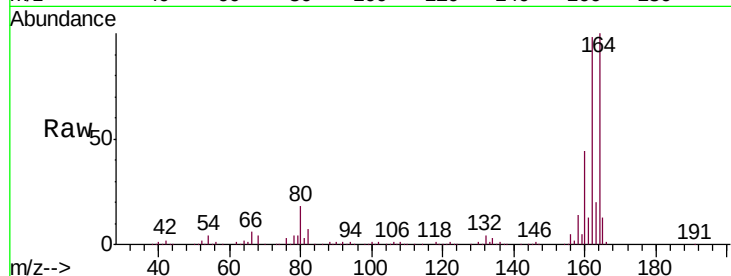




#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.00 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

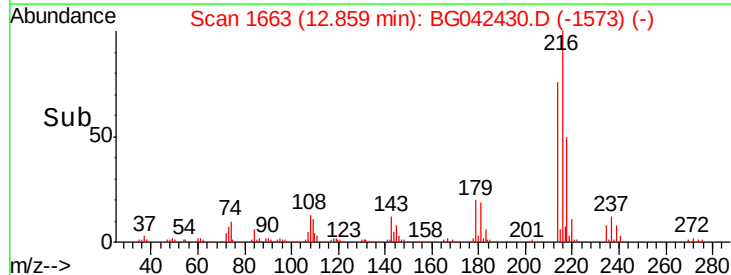
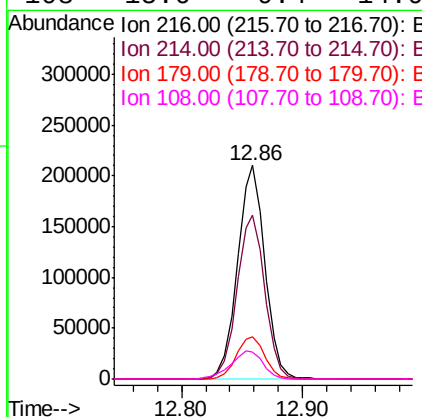
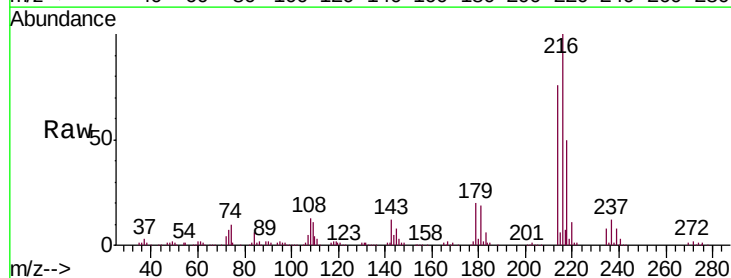
Instrument :
BNA_G
ClientSampled :

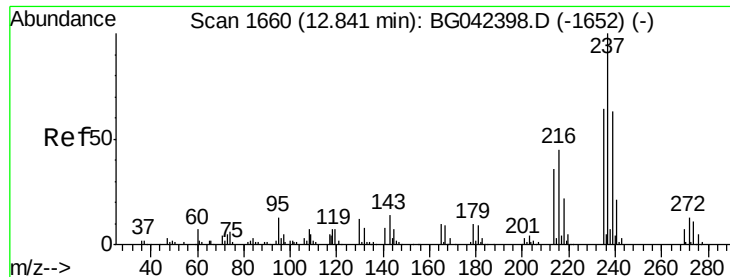
Tot Ion	Ratio	Lower	Upper
164	100		
162	98.5	79.9	119.9
160	43.5	34.3	51.5



#40
1,2,4,5-Tetrachlorobenzene
Concen: 36.789 ng
RT: 12.86 min Scan# 1663
Delta R.T. -0.00 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.5	61.4	92.2
179	20.4	15.1	22.7
108	15.6	9.4	14.0

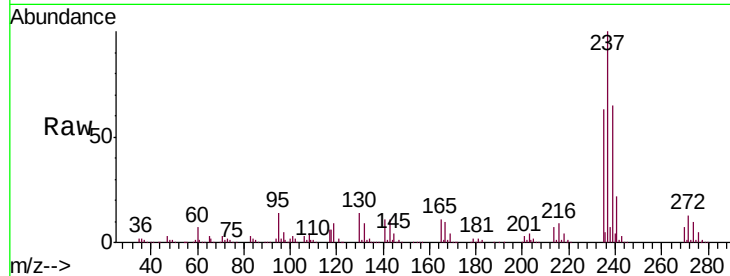




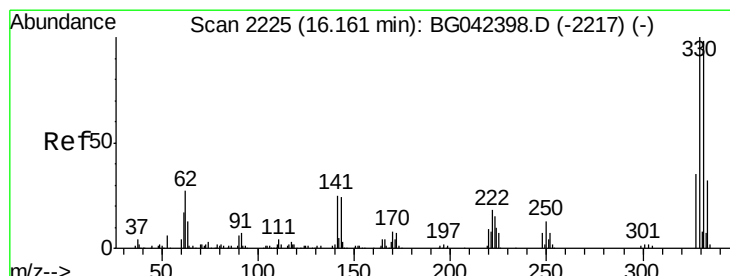
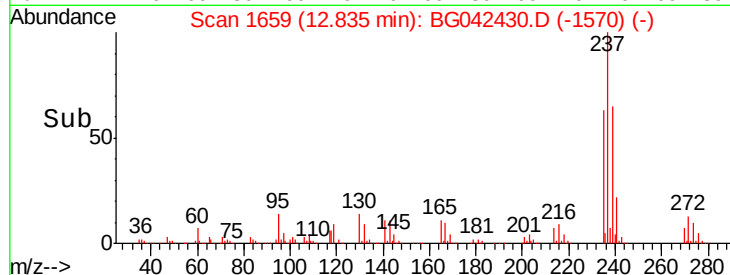
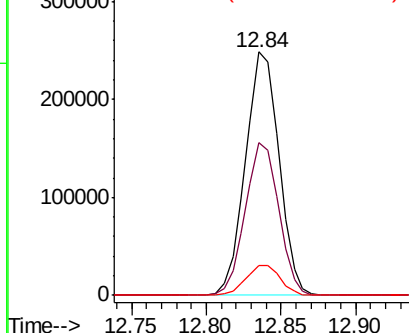
#41
Hexachlorocyclopentadiene
Concen: 81.489 ng
RT: 12.84 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:237 Resp: 386009
Ion Ratio Lower Upper
237 100
235 62.8 43.7 83.7
272 12.5 0.0 33.3

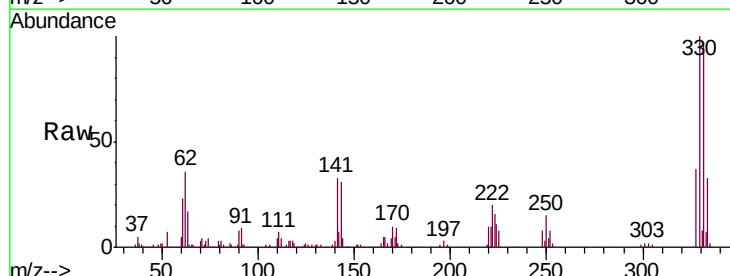


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

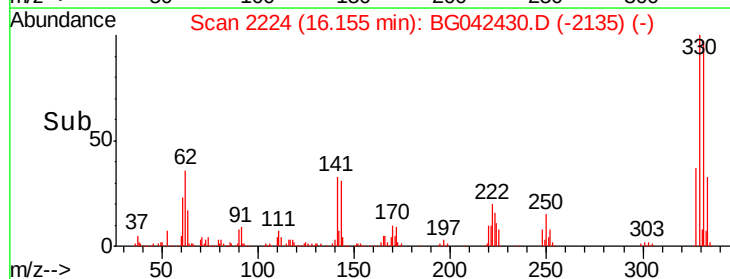
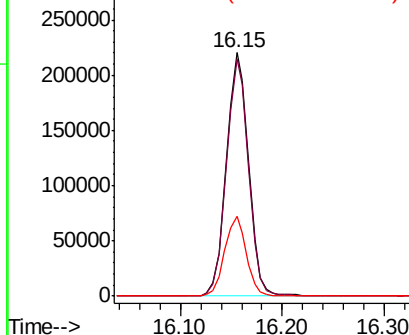


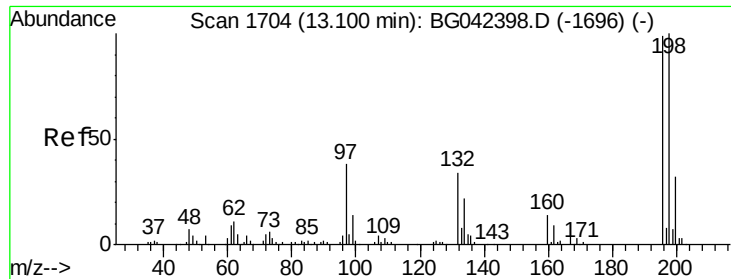
#42
2,4,6-Tribromophenol
Concen: 83.686 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Tgt Ion:330 Resp: 334011
Ion Ratio Lower Upper
330 100
332 97.0 77.4 116.0
141 32.1 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

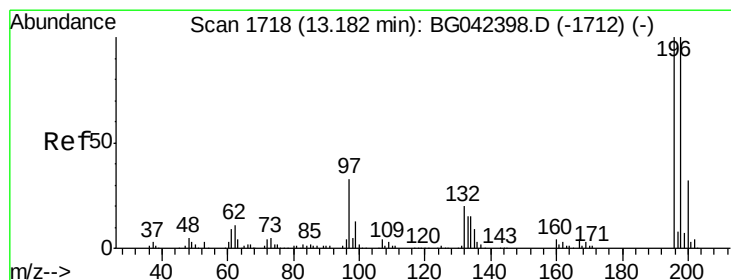
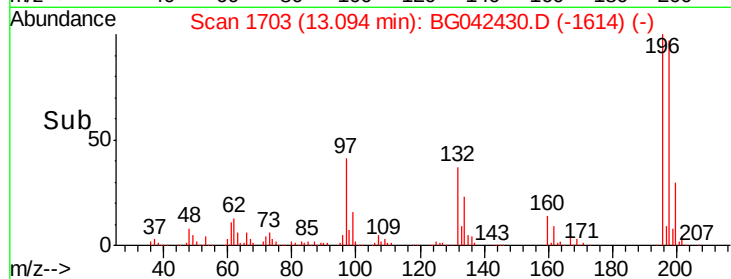
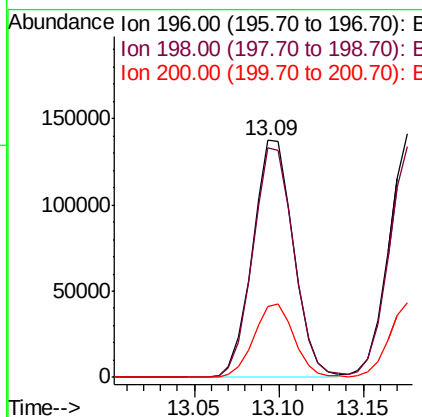
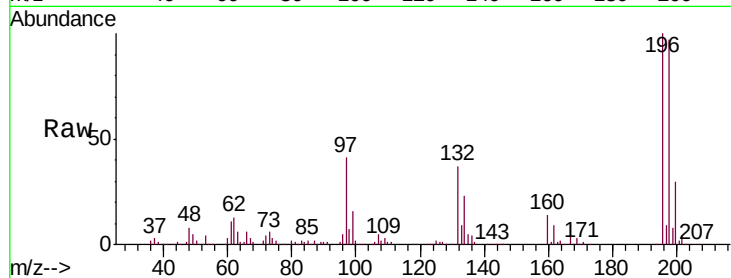




#43
 2,4,6-Trichlorophenol
 Concen: 37.840 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

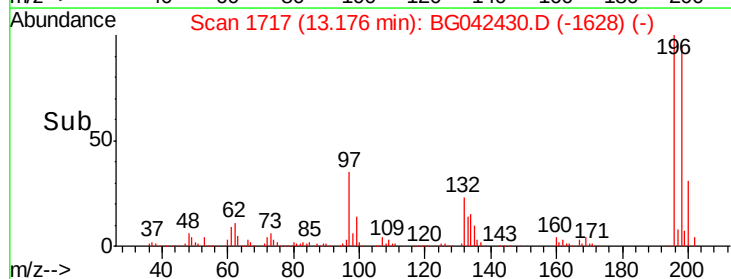
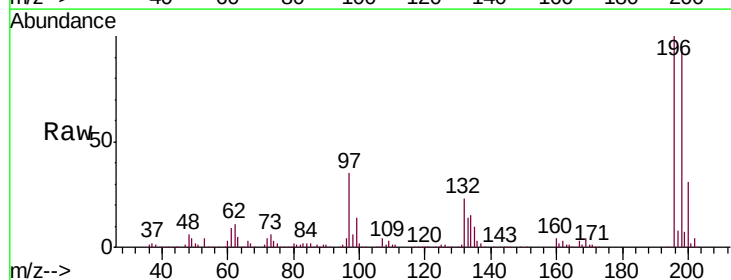
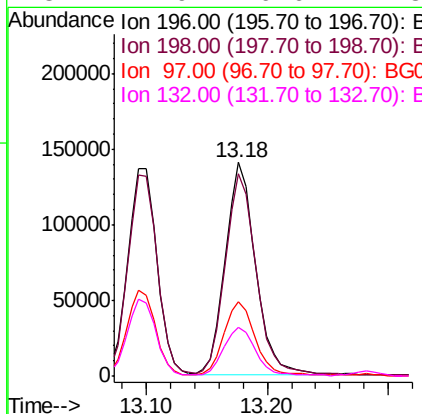
Instrument :
 BNA_G
 ClientSampleId :

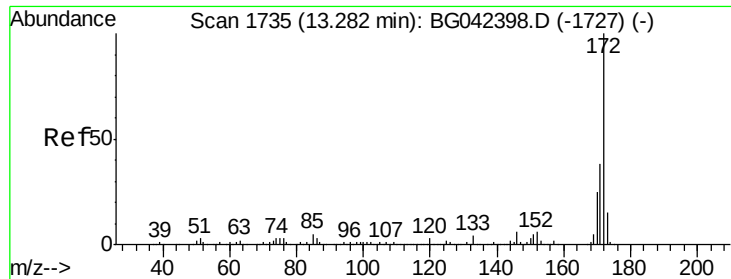
Tot Ion	196	Resp	230648
Ion Ratio	Lower	Upper	
196	100		
198	96.6	80.7	121.1
200	30.0	25.7	38.5



#44
 2,4,5-Trichlorophenol
 Concen: 38.856 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

Tgt Ion	196	Resp	245440
Ion Ratio	Lower	Upper	
196	100		
198	94.8	80.2	120.4
97	35.1	26.3	39.5
132	22.9	16.6	24.8



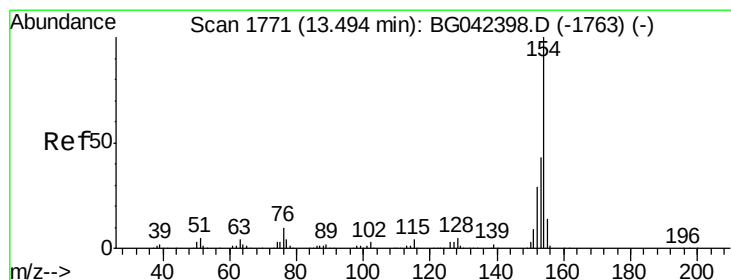
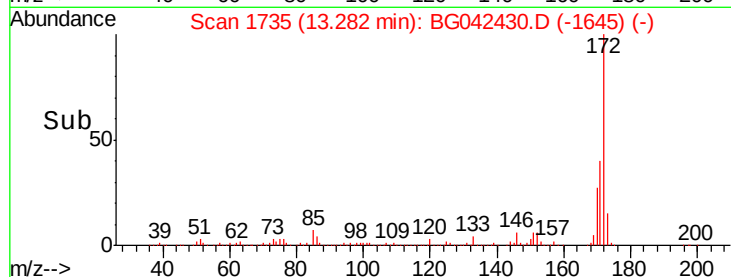
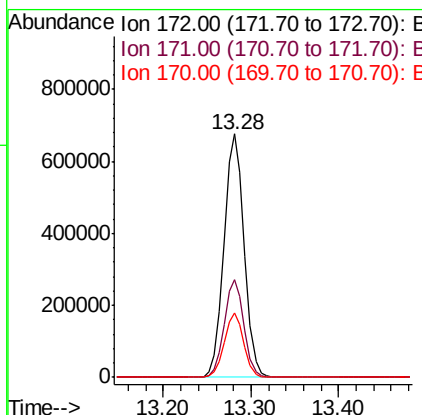
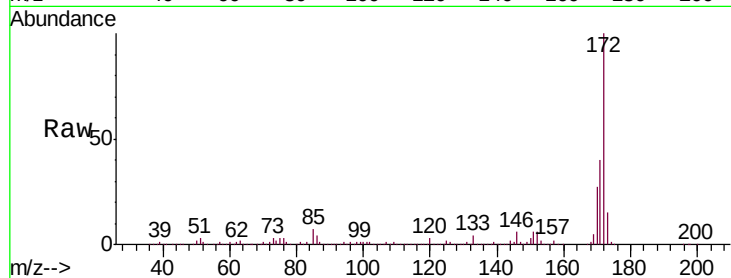


#45
 2-Fluorobiphenyl
 Concen: 64.537 ng
 RT: 13.28 min Scan# 1735
 Delta R.T. -0.00 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:172 Resp: 1071531

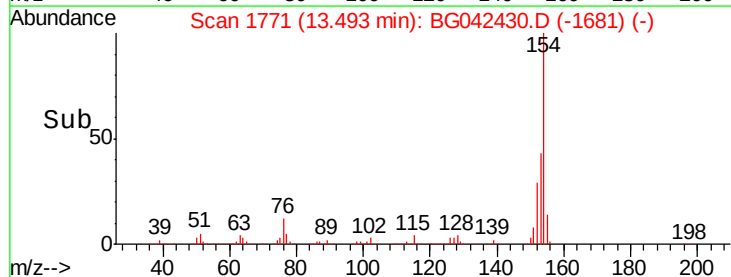
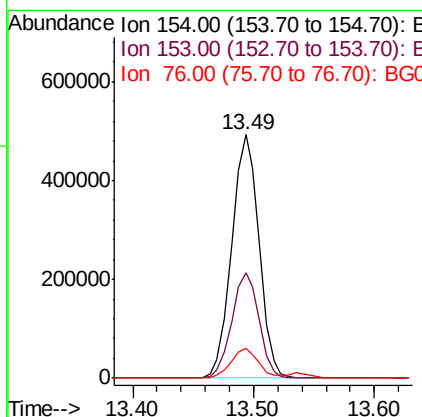
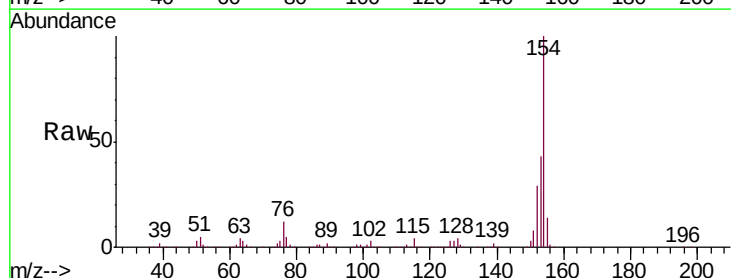
Ion	Ratio	Lower	Upper
172	100		
171	39.9	30.5	45.7
170	26.6	20.2	30.2

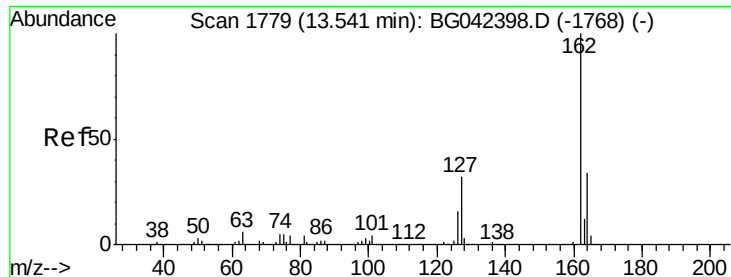


#46
 1,1'-Biphenyl
 Concen: 42.694 ng
 RT: 13.49 min Scan# 1771
 Delta R.T. -0.00 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

Tgt Ion:154 Resp: 774962

Ion	Ratio	Lower	Upper
154	100		
153	43.4	23.0	63.0
76	12.5	0.0	29.6





#47

2-Chloronaphthalene

Concen: 39.556 ng

RT: 13.54 min Scan# 1779

Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

Instrument :

BNA_G

ClientSampled :

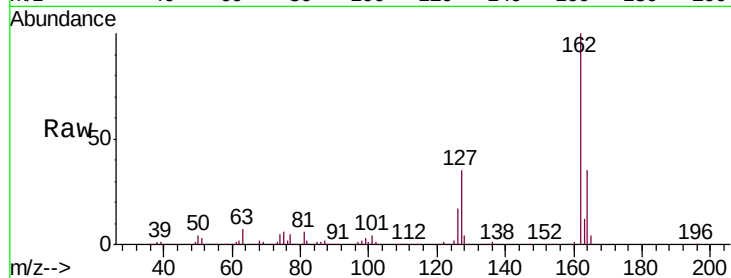
Tot Ion:162 Resp: 619119

Ion Ratio Lower Upper

162 100

127 34.8 26.0 39.0

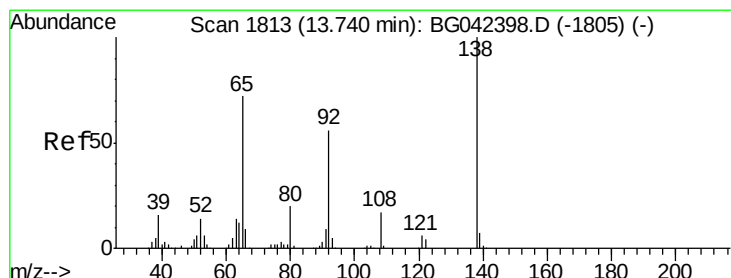
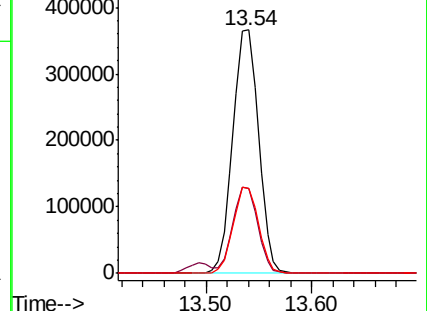
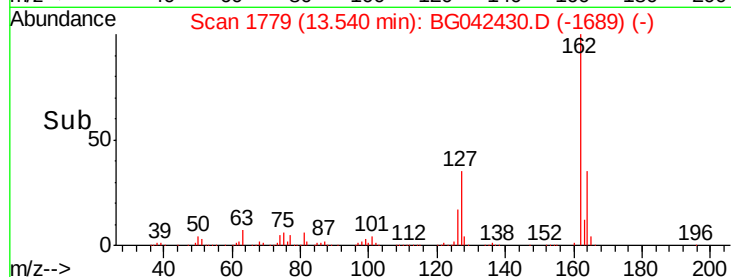
164 35.1 27.4 41.0



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48

2-Nitroaniline

Concen: 40.176 ng

RT: 13.73 min Scan# 1812

Delta R.T. -0.01 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

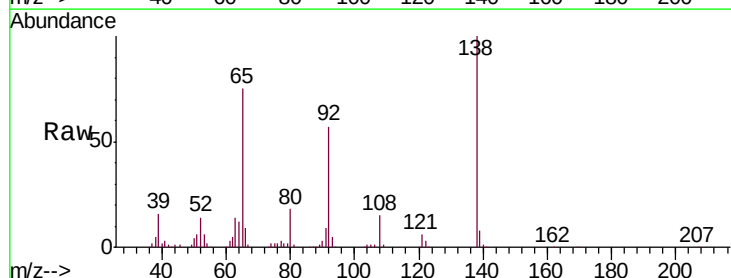
Tgt Ion: 65 Resp: 151636

Ion Ratio Lower Upper

65 100

92 75.6 61.8 92.6

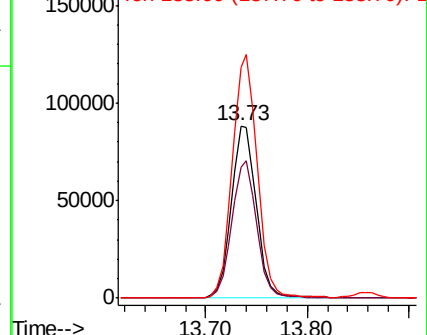
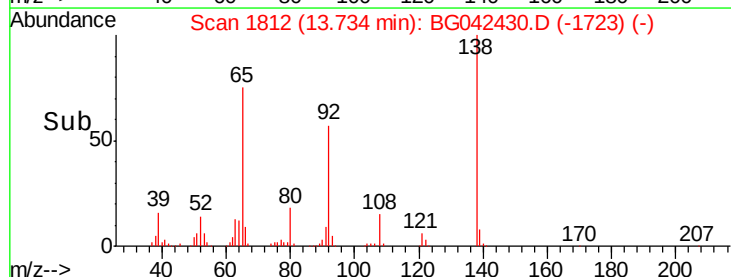
138 133.4 111.0 166.6

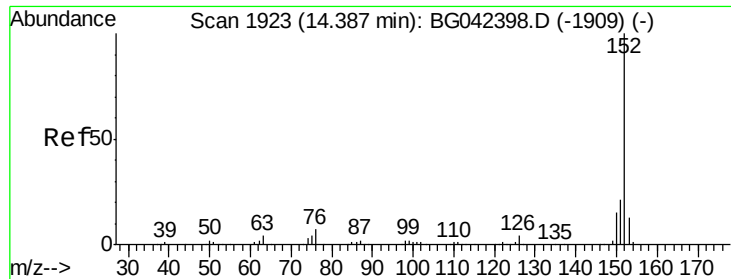


Abundance Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 41.403 ng

RT: 14.39 min Scan# 1923

Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

Instrument :

BNA_G

ClientSampleId :

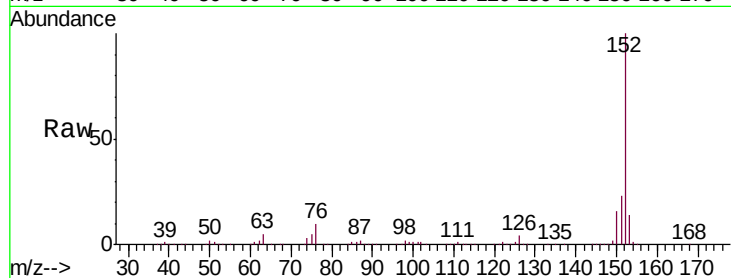
Tot Ion:152 Resp: 974913

Ion Ratio Lower Upper

152 100

151 22.8 17.0 25.4

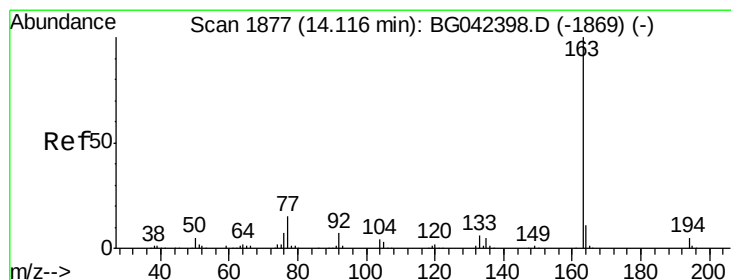
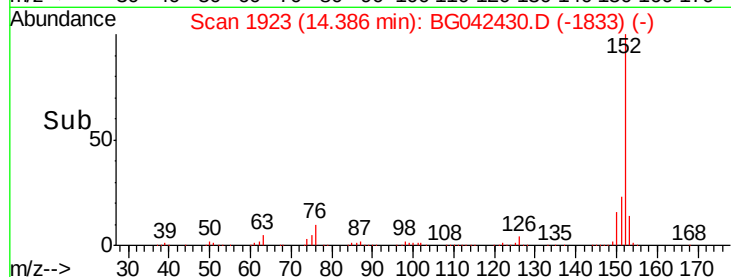
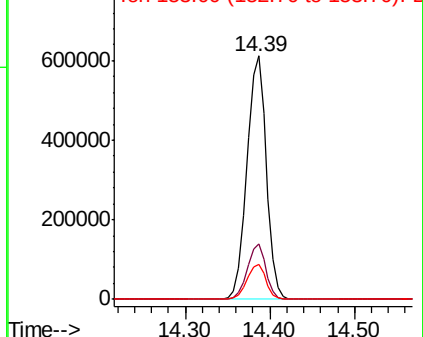
153 14.2 10.6 16.0



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: 37.389 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

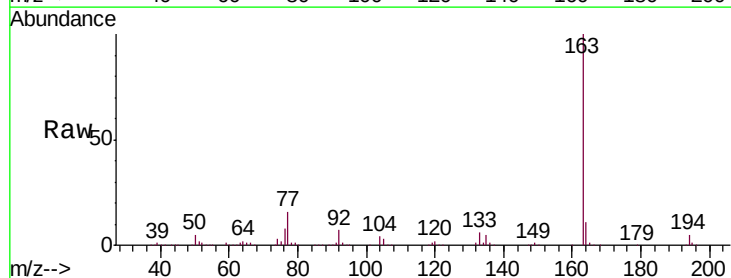
Tgt Ion:163 Resp: 757555

Ion Ratio Lower Upper

163 100

194 4.8 4.2 6.2

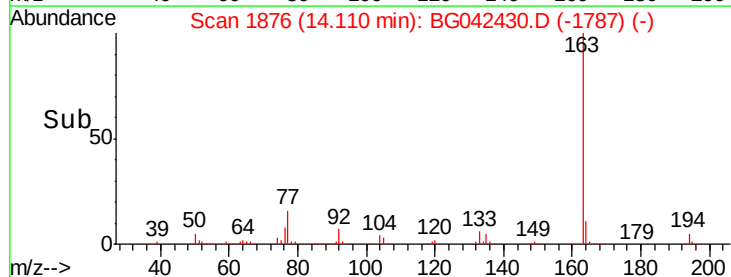
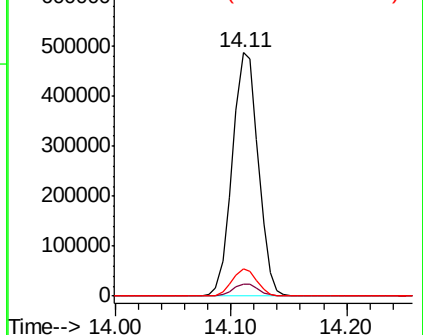
164 11.4 8.8 13.2

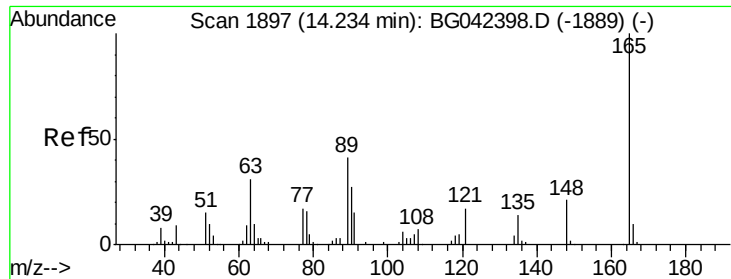


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

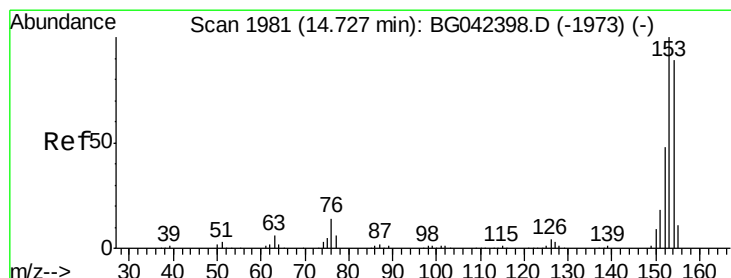
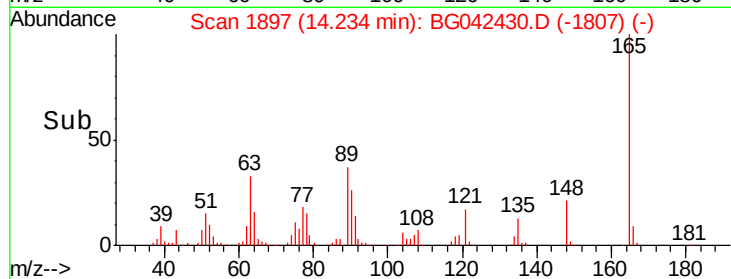
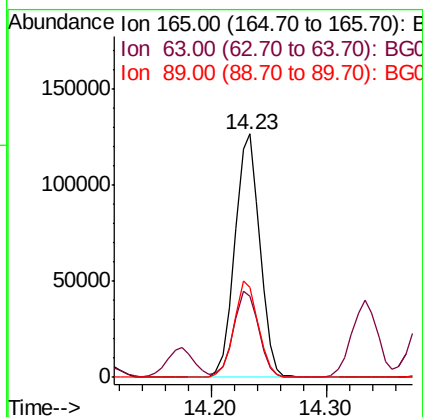
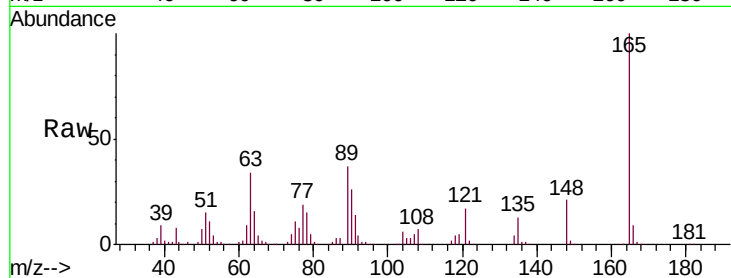




#51
 2,6-Dinitrotoluene
 Concen: 40.154 ng
 RT: 14.23 min Scan# 1897
 Delta R.T. -0.00 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

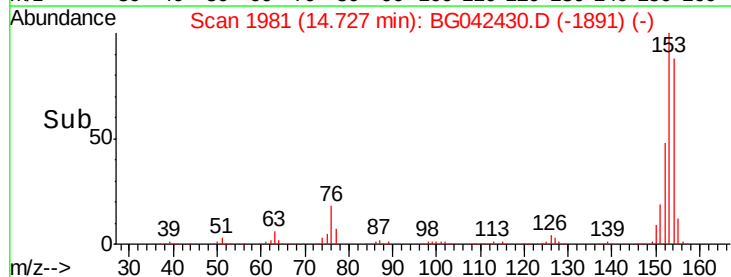
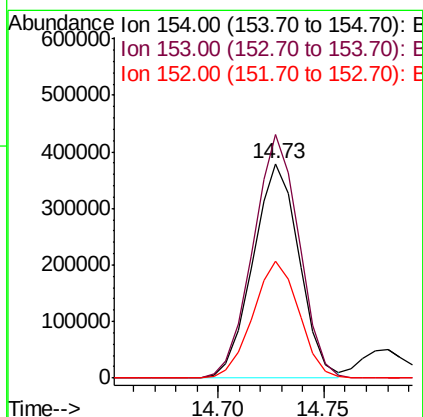
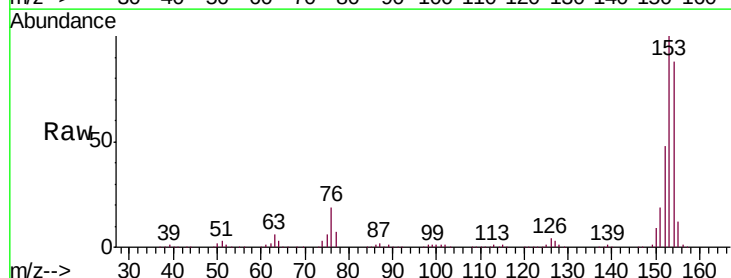
Instrument :
 BNA_G
 ClientSampleId :

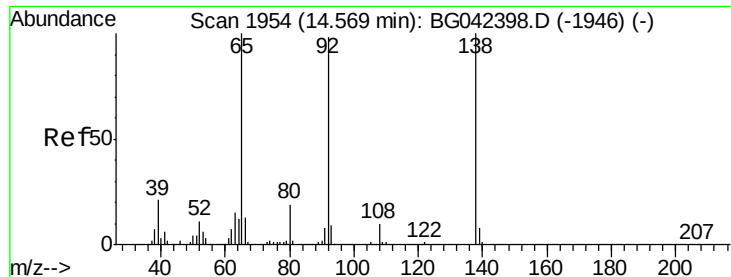
Tot Ion	Ratio	Lower	Upper
165	100		
63	33.5	30.6	45.8
89	36.9	32.6	49.0



#52
 Acenaphthene
 Concen: 40.402 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

Tgt Ion	Ratio	Lower	Upper
154	100		
153	113.4	90.2	135.4
152	54.7	43.2	64.8





#53

3-Nitroaniline

Concen: 28.930 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

Instrument :

BNA_G

ClientSampleId :

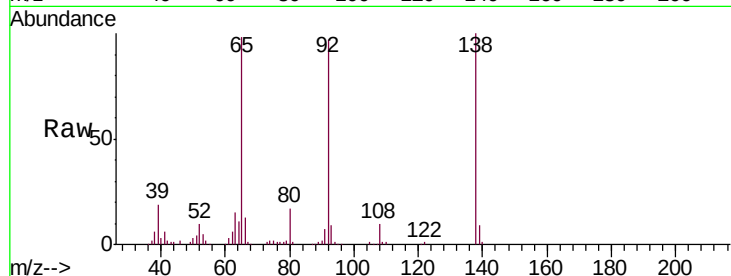
Tot Ion:138 Resp: 135881

Ion Ratio Lower Upper

138 100

108 9.6 8.3 12.5

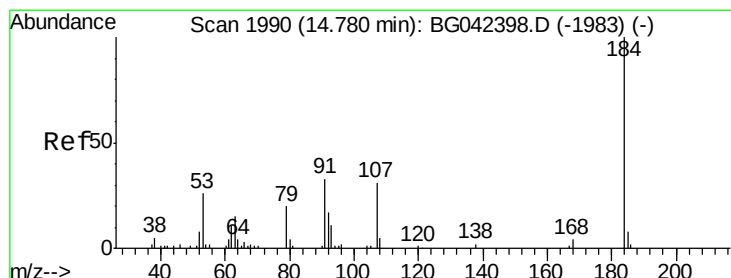
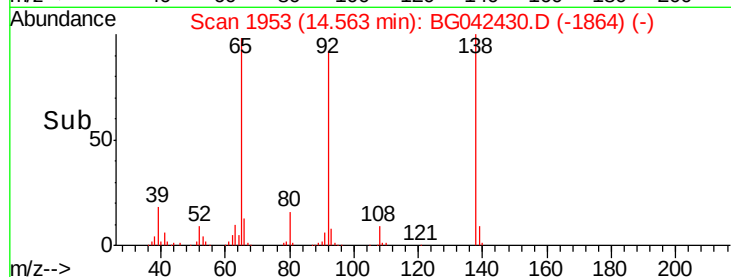
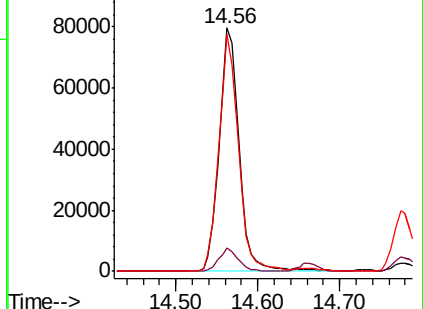
92 97.4 78.2 117.4



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): E



#54

2,4-Dinitrophenol

Concen: 61.614 ng

RT: 14.78 min Scan# 1990

Delta R.T. 0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

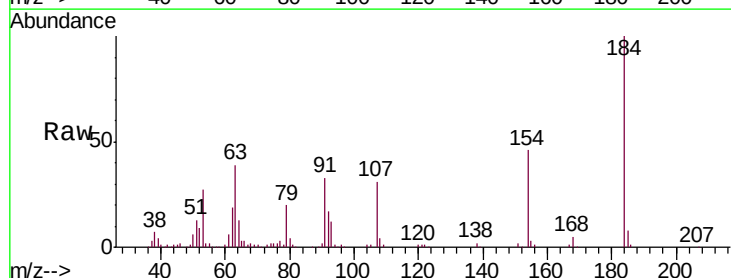
Tgt Ion:184 Resp: 190118

Ion Ratio Lower Upper

184 100

63 38.8 31.7 47.5

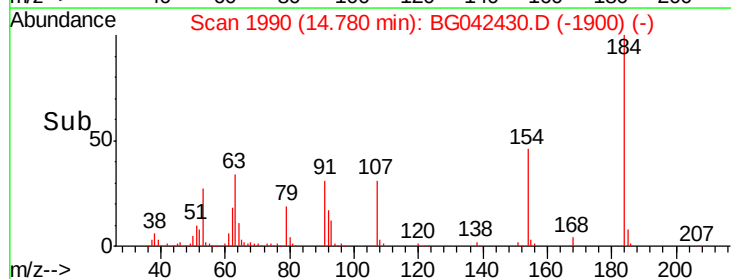
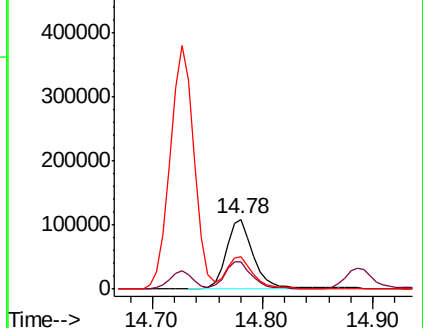
154 46.3 42.0 63.0

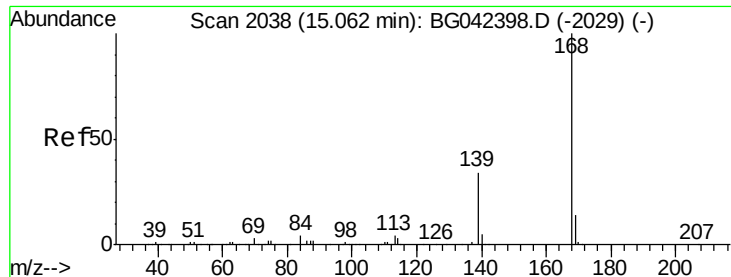


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): E

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 39.283 ng

RT: 15.06 min Scan# 2038

Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

Instrument :

BNA_G

ClientSampleId :

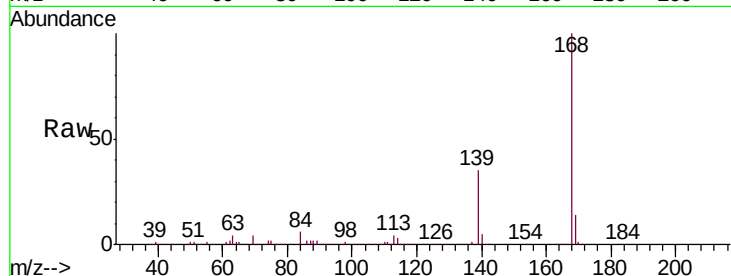
Tot Ion:168 Resp: 929729

Ion Ratio Lower Upper

168 100

139 34.6 27.2 40.8

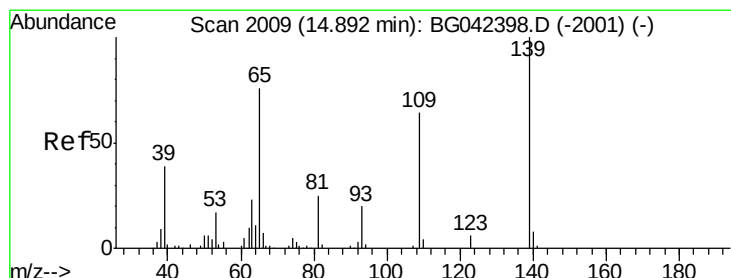
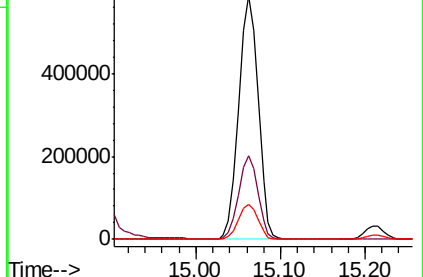
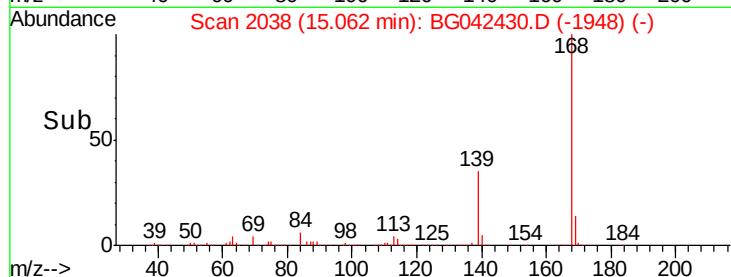
169 14.5 11.5 17.3



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: 91.049 ng

RT: 14.89 min Scan# 2008

Delta R.T. -0.01 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

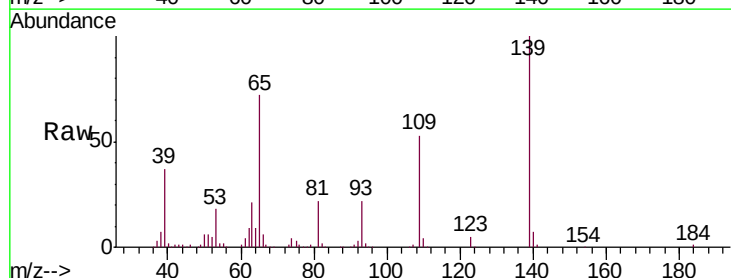
Tgt Ion:139 Resp: 303874

Ion Ratio Lower Upper

139 100

109 53.4 43.9 83.9

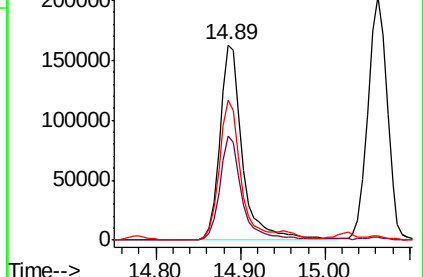
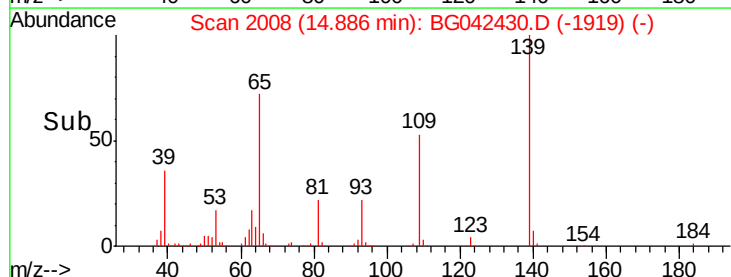
65 71.6 56.3 96.3

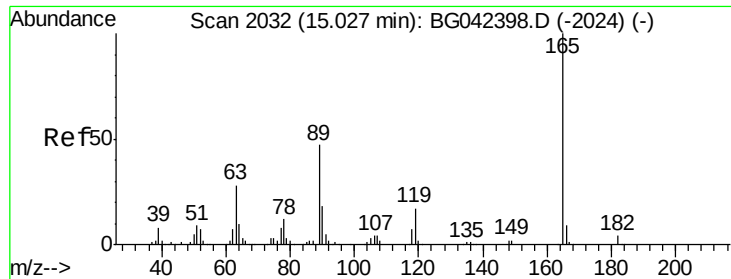


Abundance Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BG

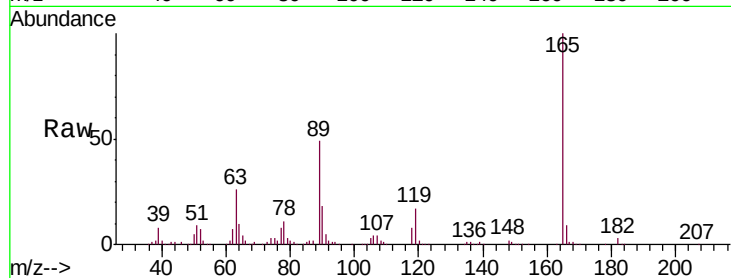




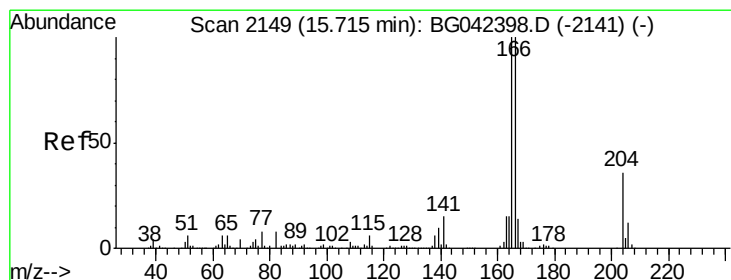
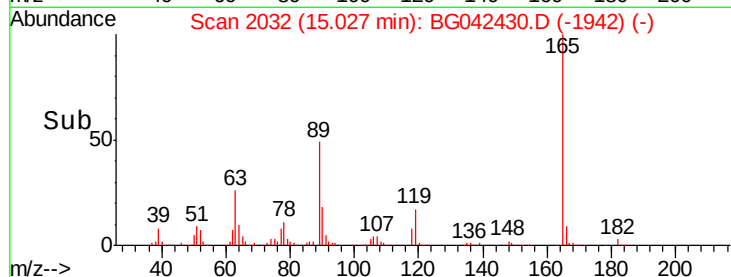
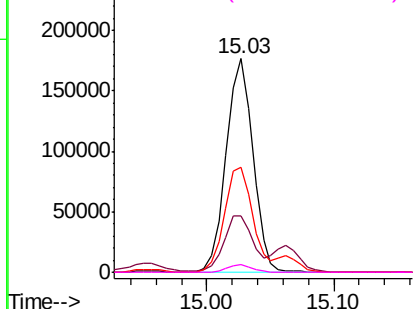
#57
 2,4-Dinitrotoluene
 Concen: 38.325 ng
 RT: 15.03 min Scan# 2032
 Delta R.T. -0.00 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:165	Resp:	257742
Ion Ratio	Lower	Upper
165	100	
63	26.4	22.5 33.7
89	49.4	37.8 56.6
182	3.3	3.0 4.4

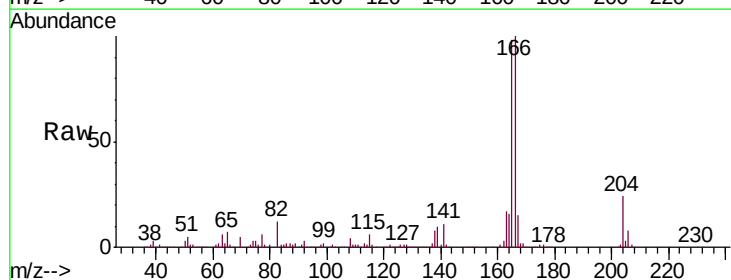


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

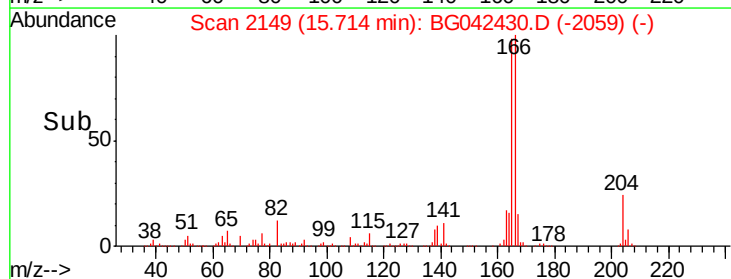
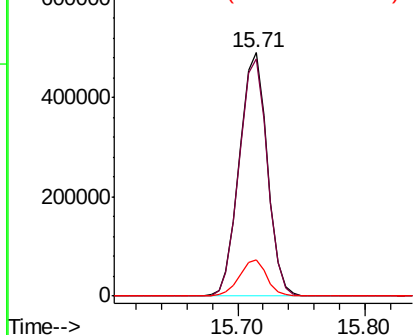


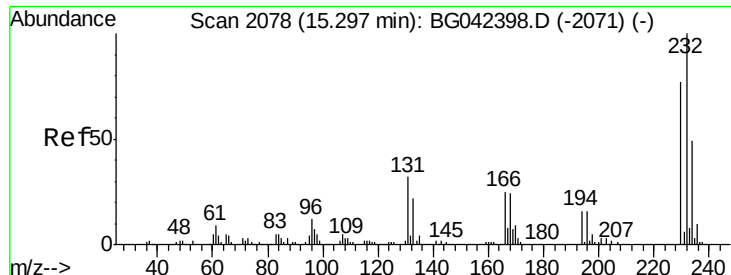
#58
 Fluorene
 Concen: 38.644 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. -0.00 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

Tgt Ion:166	Resp:	747643
Ion Ratio	Lower	Upper
166	100	
165	97.7	79.7 119.5
167	14.7	10.9 16.3



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

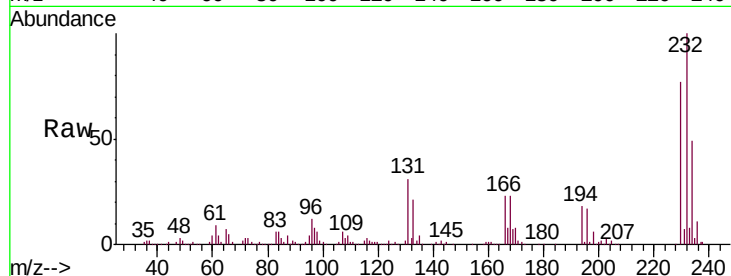




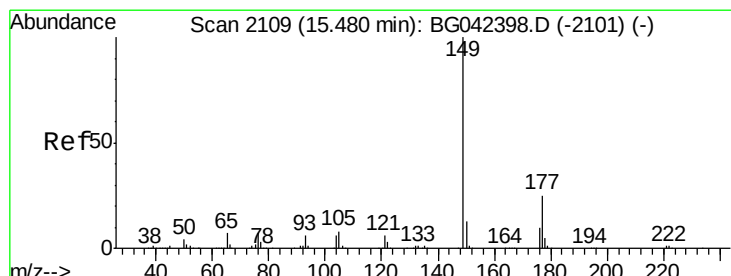
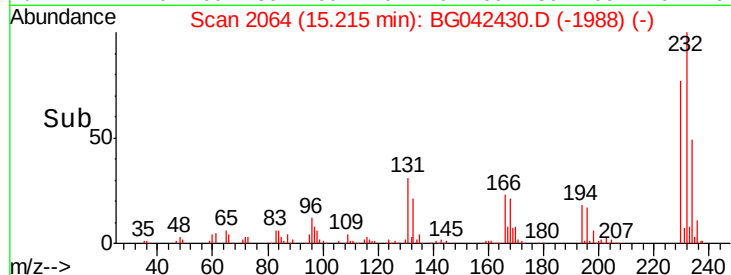
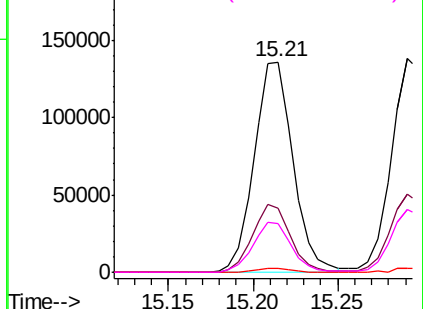
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 34.595 ng
 RT: 15.21 min Scan# 2064
 Delta R.T. -0.08 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:232	Resp:	216099
Ion Ratio	Lower	Upper
232	100	
131	31.5	22.9 34.3
130	1.9	1.4 2.0
166	23.5	17.0 25.4

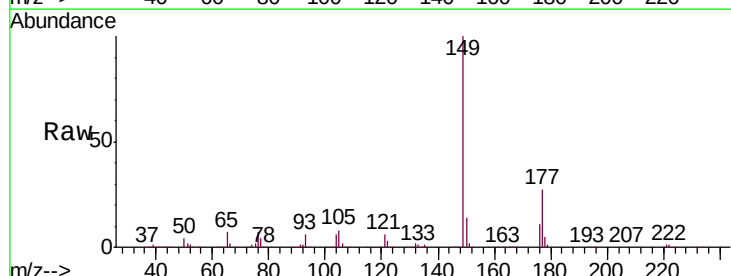


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

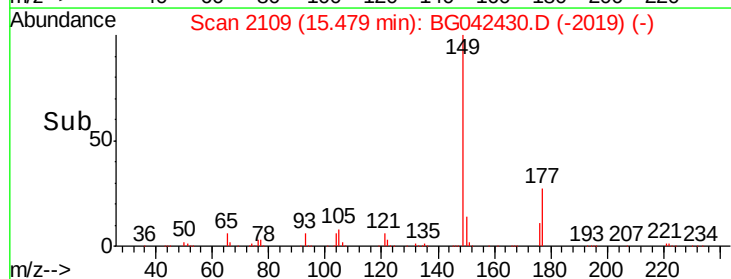
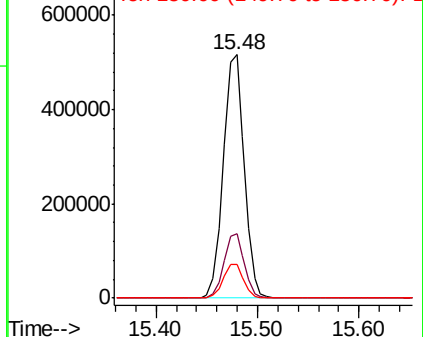


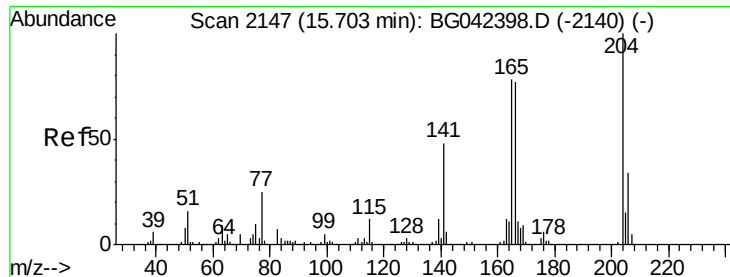
#60
 Diethylphthalate
 Concen: 37.199 ng
 RT: 15.48 min Scan# 2109
 Delta R.T. -0.00 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

Tgt Ion:149	Resp:	736780
Ion Ratio	Lower	Upper
149	100	
177	26.5	20.4 30.6
150	13.6	10.3 15.5



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 177.00 (176.70 to 177.70): E
 Ion 150.00 (149.70 to 150.70): E

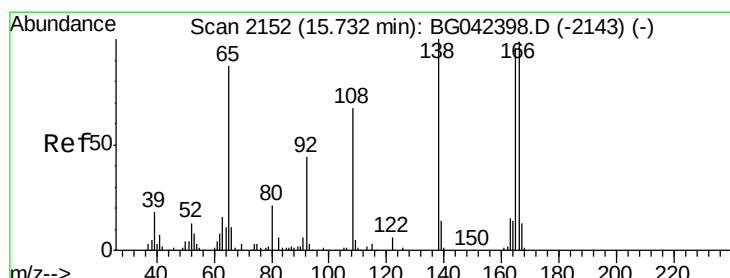
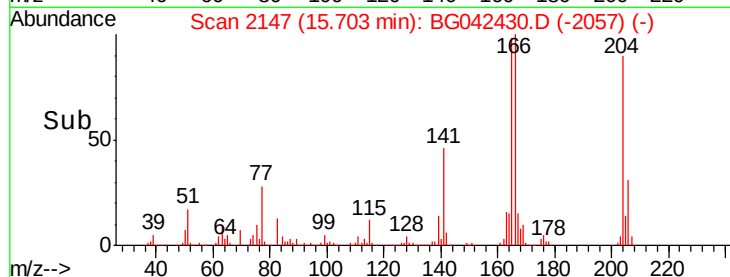
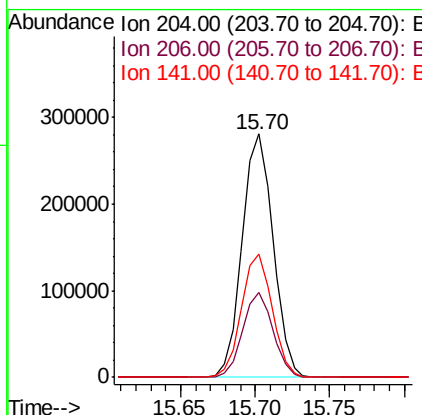
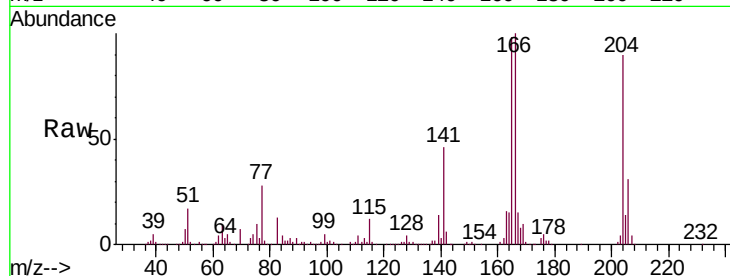




#61
 4-Chlorophenyl-phenylether
 Concen: 34.594 ng
 RT: 15.70 min Scan# 2147
 Delta R.T. -0.00 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

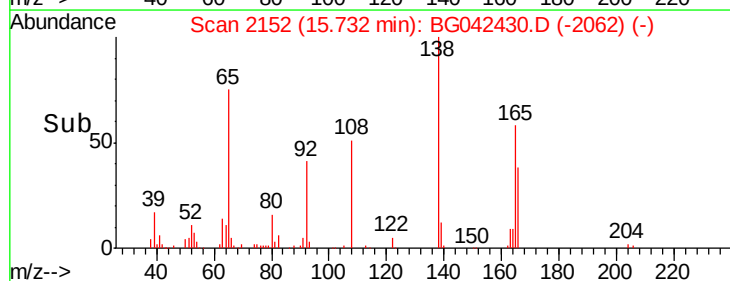
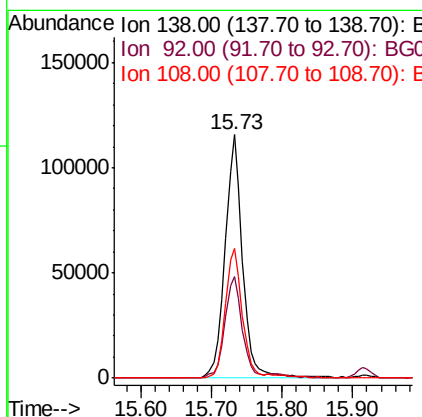
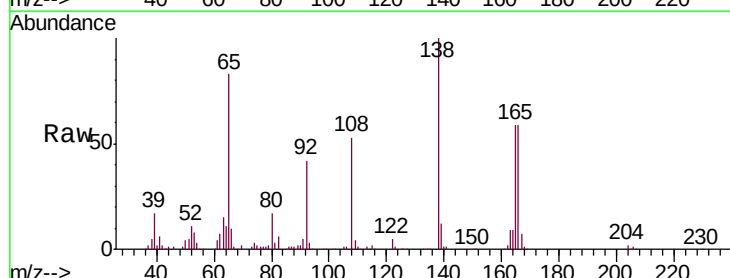
Instrument :
 BNA_G
 ClientSampleId :

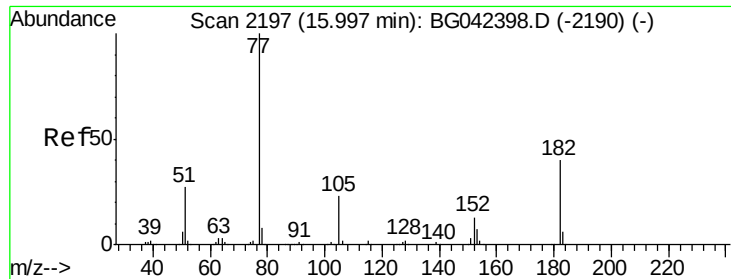
Tot Ion:	204	Resp:	403457
Ion	Ratio	Lower	Upper
204	100		
206	34.8	27.2	40.8
141	50.4	38.7	58.1



#62
 4-Nitroaniline
 Concen: 39.942 ng
 RT: 15.73 min Scan# 2152
 Delta R.T. -0.00 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

Tgt Ion:	138	Resp:	200780
Ion	Ratio	Lower	Upper
138	100		
92	41.6	24.2	64.2
108	53.1	46.8	86.8





#63

Azobenzene

Concen: 42.460 ng

RT: 16.00 min Scan# 2197

Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

Instrument :

BNA_G

ClientSampleId :

Tot Ion: 77 Resp: 576273

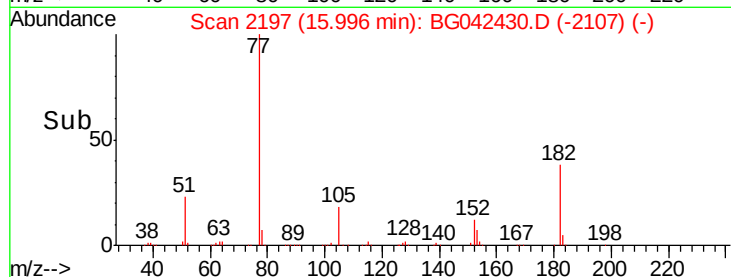
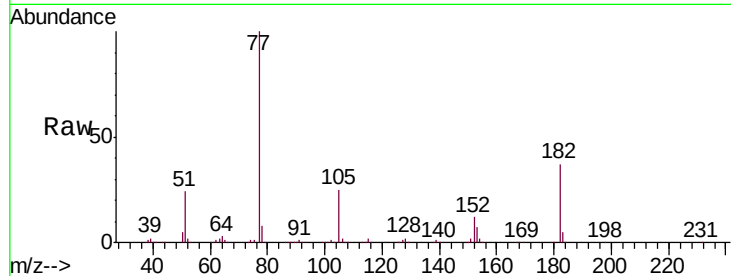
Ion Ratio Lower Upper

77 100

182 36.9 19.9 59.9

105 24.6 2.9 42.9

51 24.1 7.6 47.6

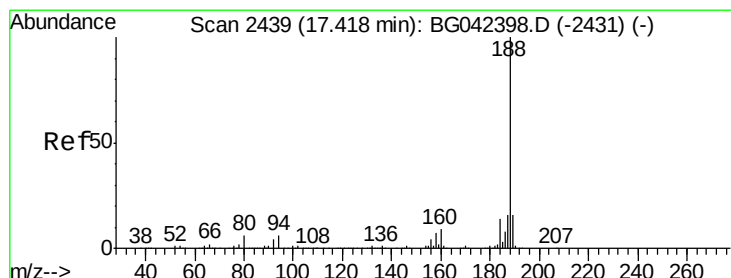
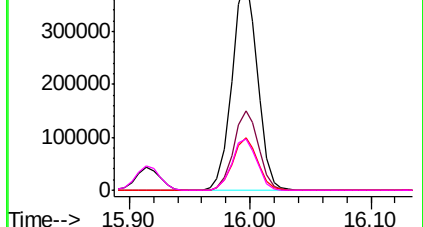


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.41 min Scan# 2438

Delta R.T. -0.01 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

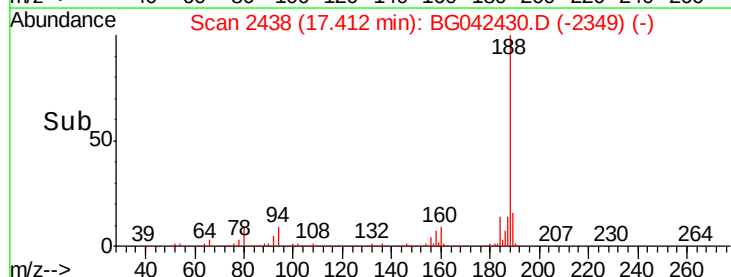
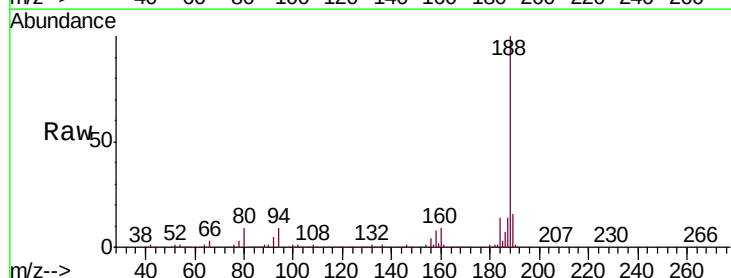
Tgt Ion: 188 Resp: 584361

Ion Ratio Lower Upper

188 100

94 8.7 4.5 6.7#

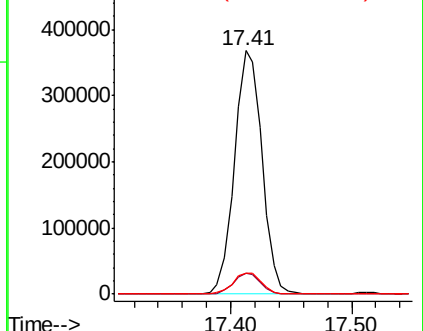
80 8.7 4.9 7.3#

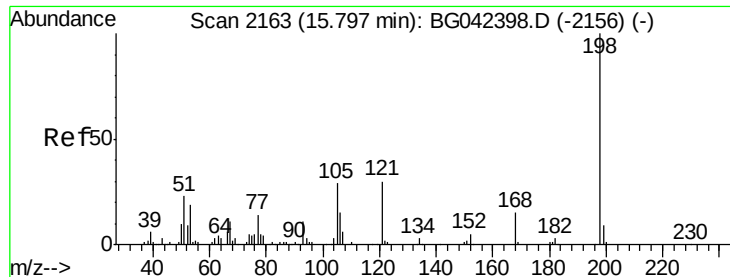


Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC

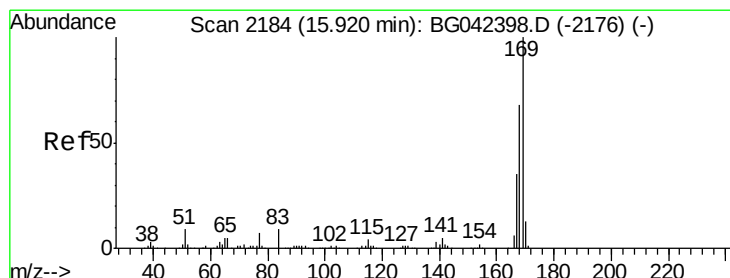
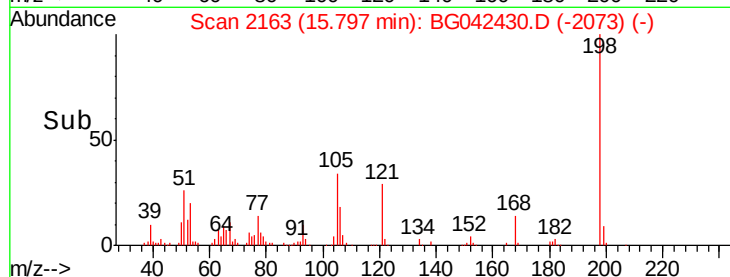
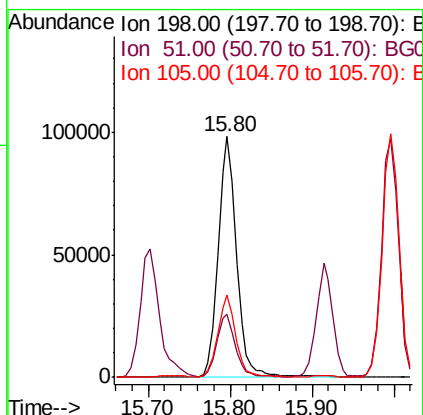
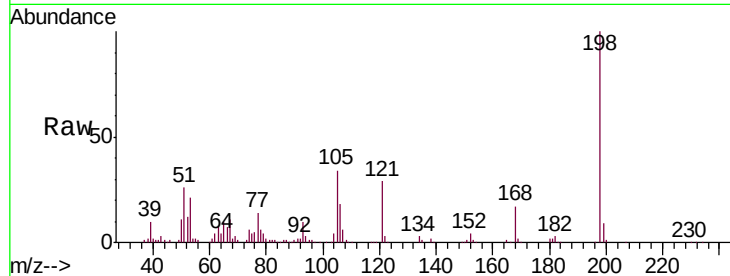




#65
4,6-Dinitro-2-methylphenol
Concen: 42.268 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.00 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

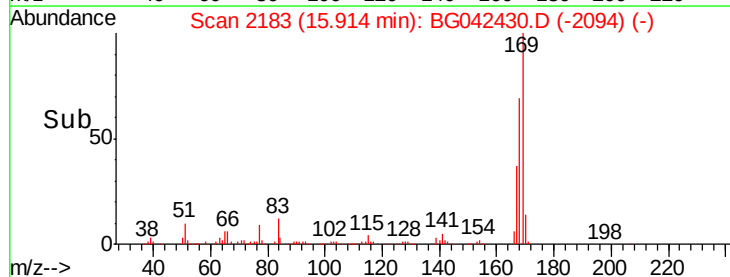
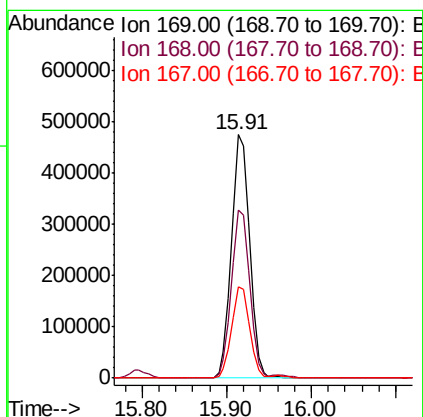
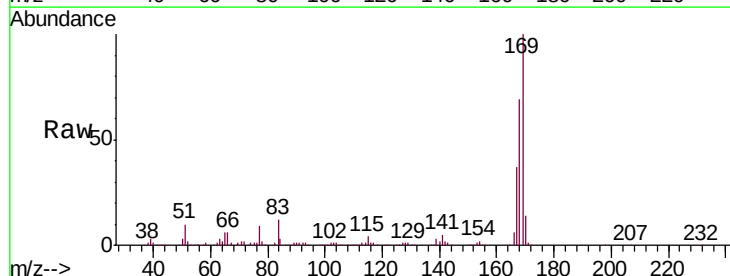
Instrument :
BNA_G
ClientSampleId :

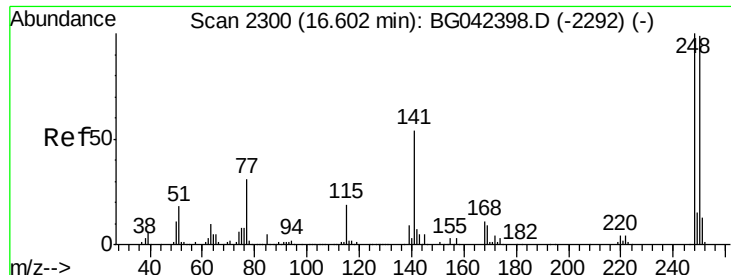
Tot Ion	Ratio	Lower	Upper
198	100		
51	26.2	4.2	44.2
105	34.0	8.8	48.8



#66
n-Nitrosodiphenylamine
Concen: 43.247 ng
RT: 15.91 min Scan# 2183
Delta R.T. -0.01 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Tgt Ion	Ratio	Lower	Upper
169	100		
168	69.3	54.3	81.5
167	37.5	28.2	42.2

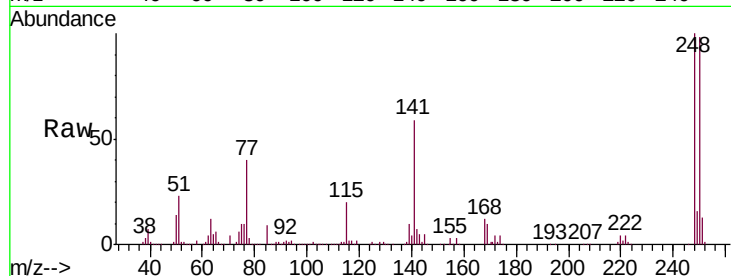




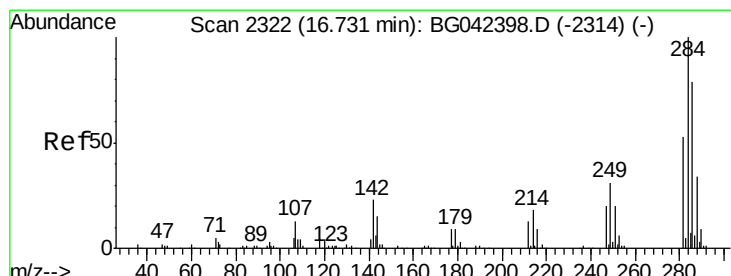
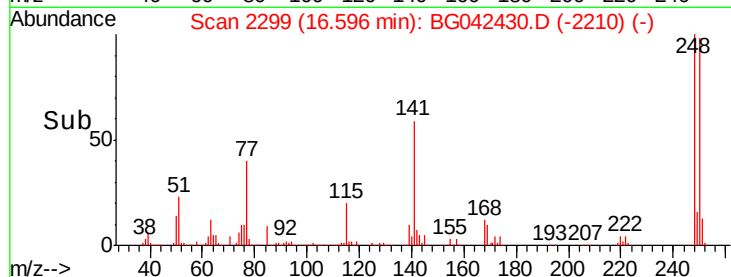
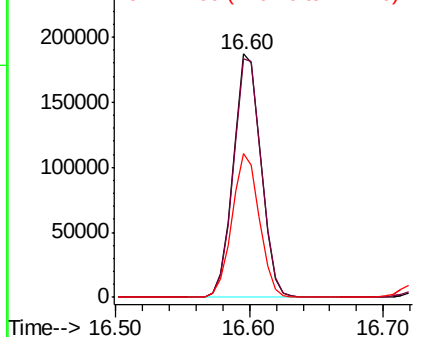
#67
 4-Bromophenyl-phenylether
 Concen: 36.366 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

Instrument :
 BNA_G
 ClientSampled :

Tot Ion:248 Resp: 269551
 Ion Ratio Lower Upper
 248 100
 250 98.1 78.9 118.3
 141 59.1 43.3 64.9

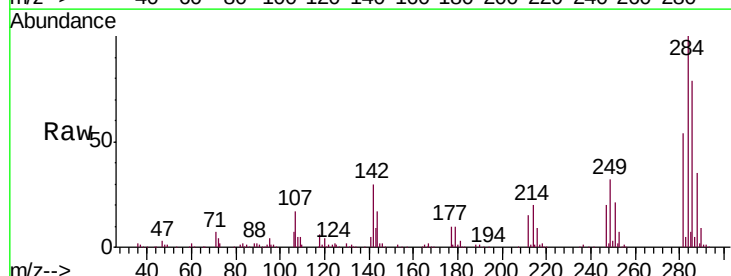


Abundance Ion 248.00 (247.70 to 248.70): E
 Ion 250.00 (249.70 to 250.70): E
 Ion 141.00 (140.70 to 141.70): E

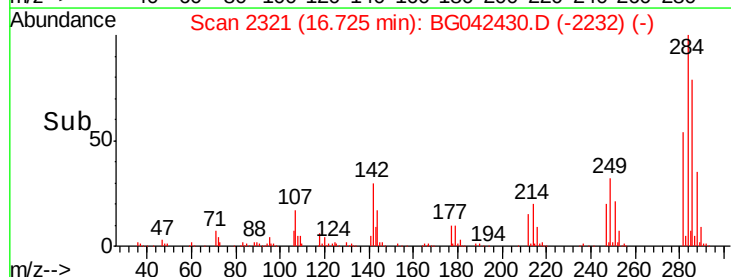
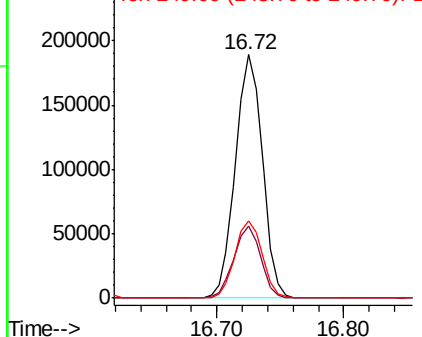


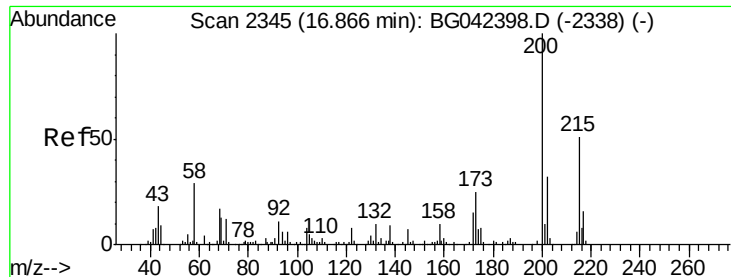
#68
 Hexachlorobenzene
 Concen: 34.608 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

Tgt Ion:284 Resp: 278861
 Ion Ratio Lower Upper
 284 100
 142 29.7 18.2 27.4#
 249 31.8 25.0 37.4



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: 42.497 ng

RT: 16.87 min Scan# 2345

Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

Instrument :

BNA_G

ClientSampleId :

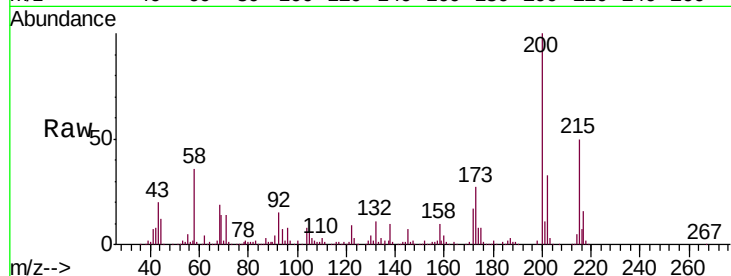
Tot Ion:200 Resp: 241508

Ion Ratio Lower Upper

200 100

173 26.9 4.9 44.9

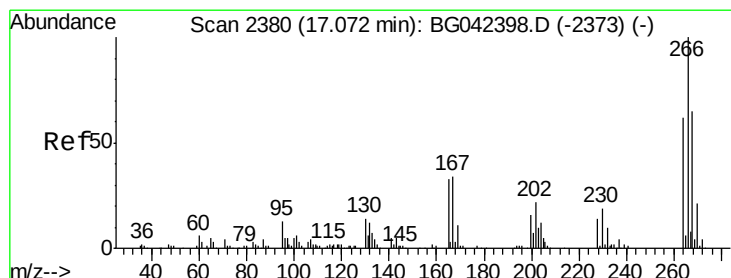
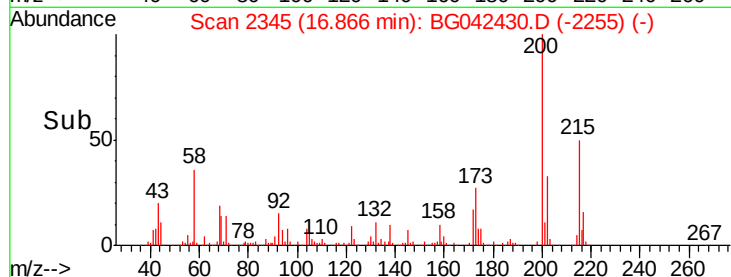
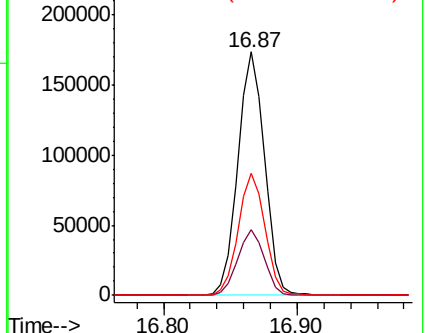
215 50.4 30.7 70.7



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 79.792 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

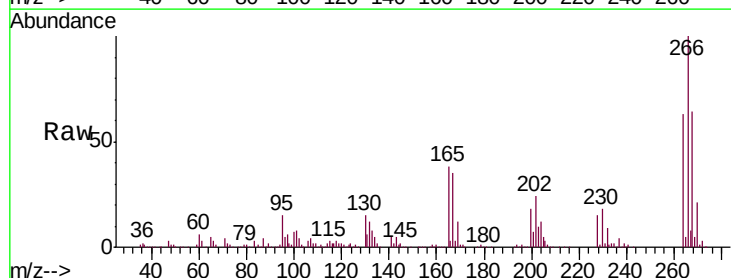
Tgt Ion:266 Resp: 334059

Ion Ratio Lower Upper

266 100

268 63.8 52.1 78.1

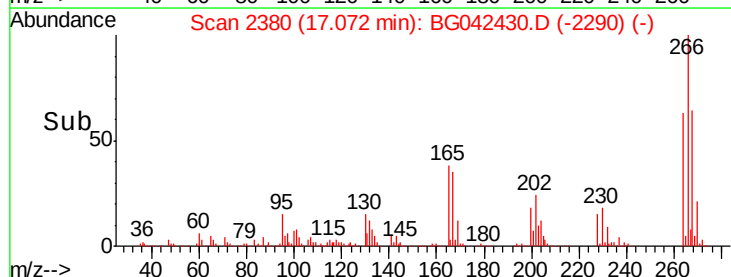
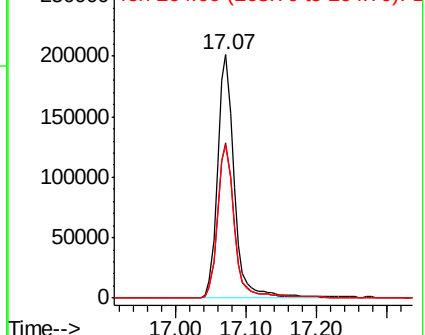
264 62.9 49.4 74.2

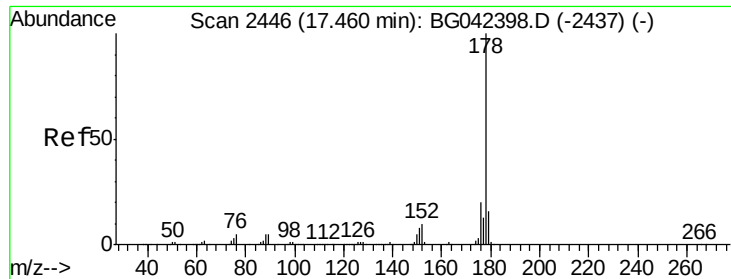


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

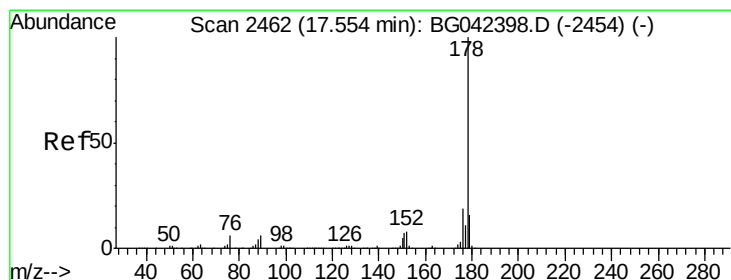
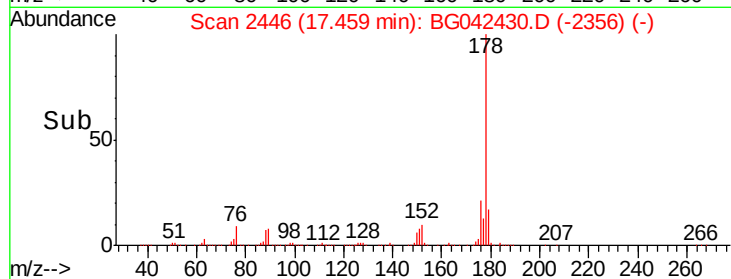
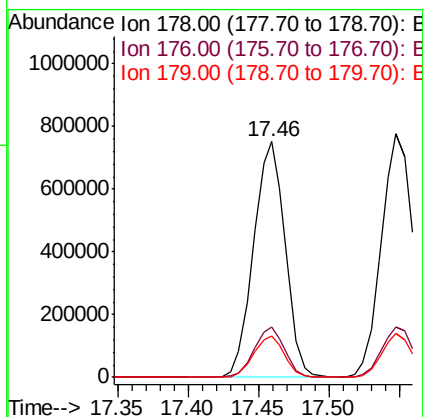
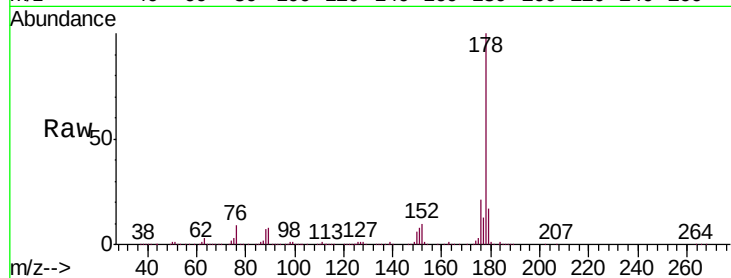




#71
Phenanthrene
Concen: 40.663 ng
RT: 17.46 min Scan# 2446
Delta R.T. -0.00 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

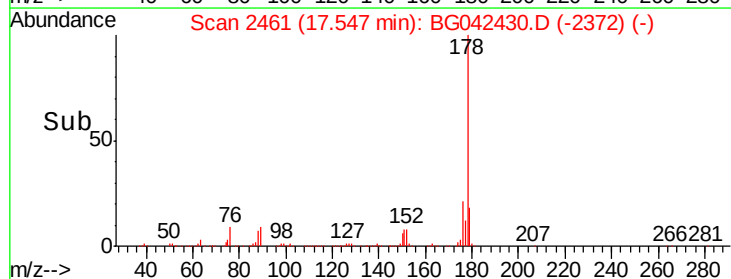
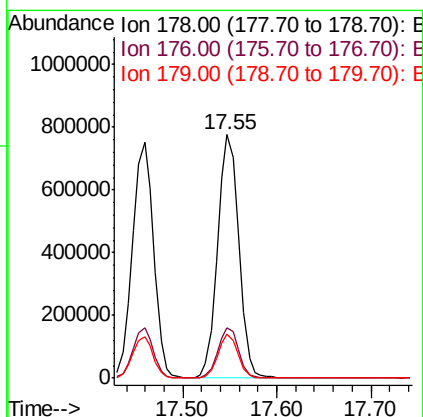
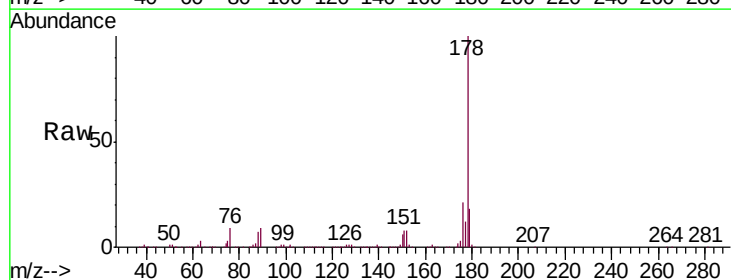
Instrument :
BNA_G
ClientSampleId :

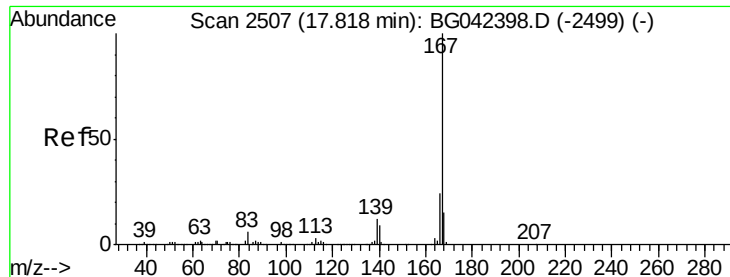
Tot Ion:178 Resp: 1180308
Ion Ratio Lower Upper
178 100
176 21.4 15.9 23.9
179 17.5 12.7 19.1



#72
Anthracene
Concen: 42.278 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Tgt Ion:178 Resp: 1225069
Ion Ratio Lower Upper
178 100
176 20.9 15.5 23.3
179 18.0 12.9 19.3





#73

Carbazole

Concen: 43.958 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

Instrument :

BNA_G

ClientSampleId :

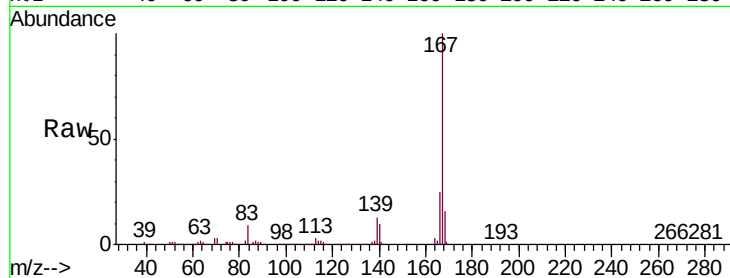
Tot Ion:167 Resp: 1135235

Ion Ratio Lower Upper

167 100

166 24.9 18.9 28.3

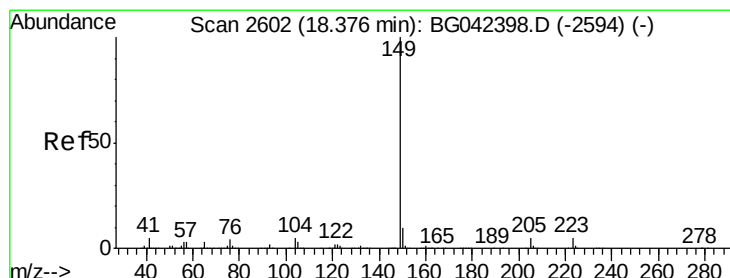
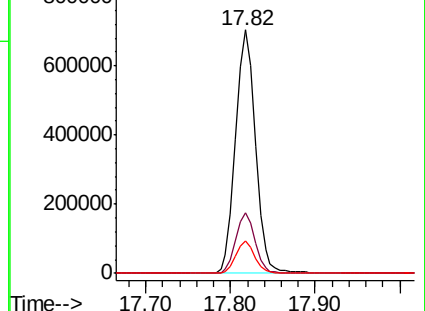
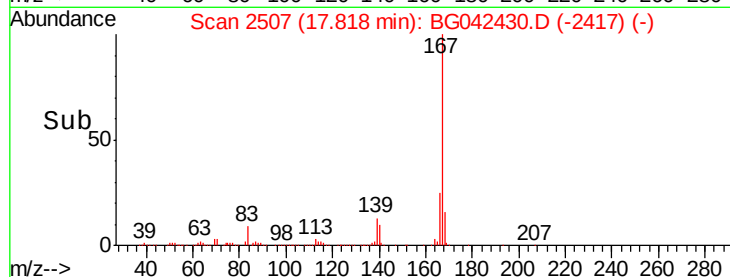
139 13.2 9.8 14.6



Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.334 ng

RT: 18.38 min Scan# 2602

Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

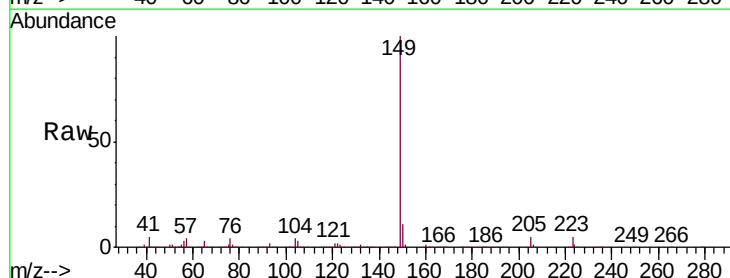
Tgt Ion:149 Resp: 1292381

Ion Ratio Lower Upper

149 100

150 11.3 8.1 12.1

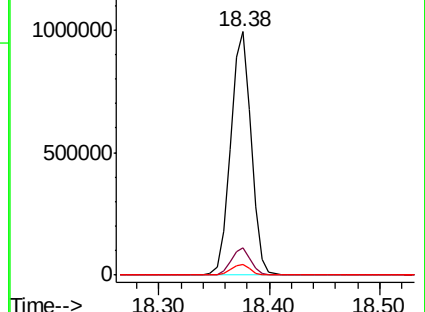
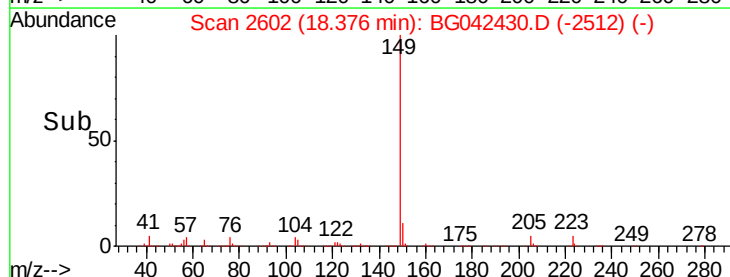
104 4.4 3.7 5.5

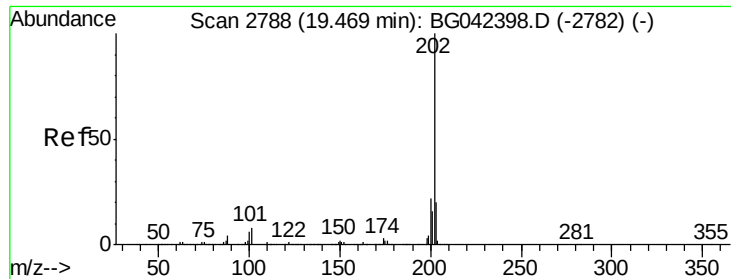


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 40.237 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

Instrument :

BNA_G

ClientSampleId :

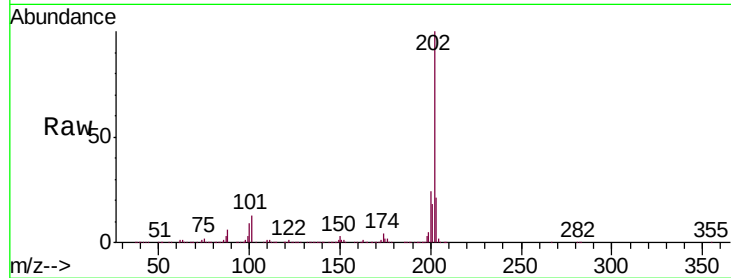
Tot Ion:202 Resp: 1425379

Ion Ratio Lower Upper

202 100

101 12.5 0.0 28.3

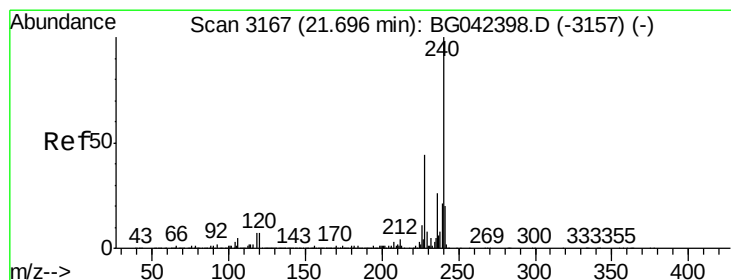
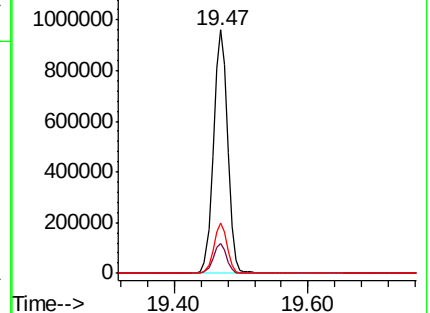
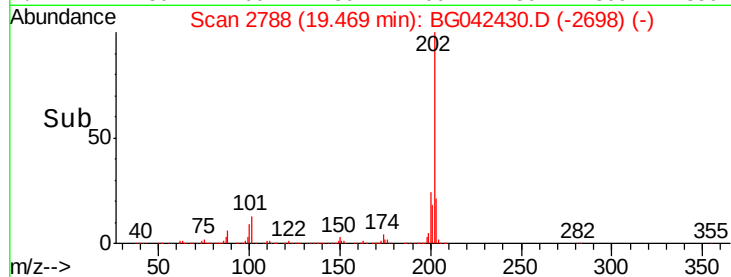
203 20.9 0.0 39.6



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: 21.70 min Scan# 3167

Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

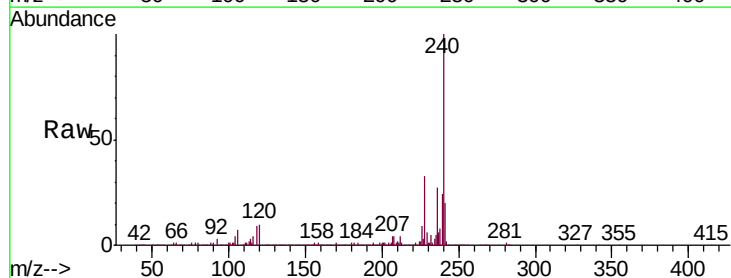
Tgt Ion:240 Resp: 572551

Ion Ratio Lower Upper

240 100

120 10.3 5.7 8.5#

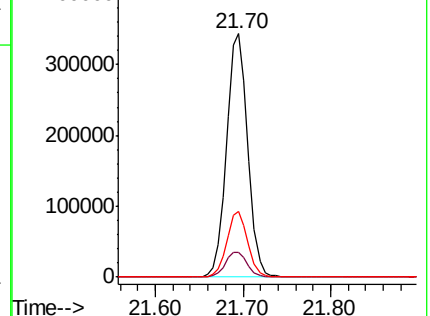
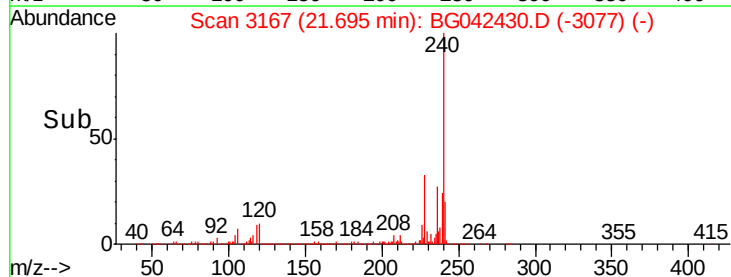
236 26.9 21.0 31.4

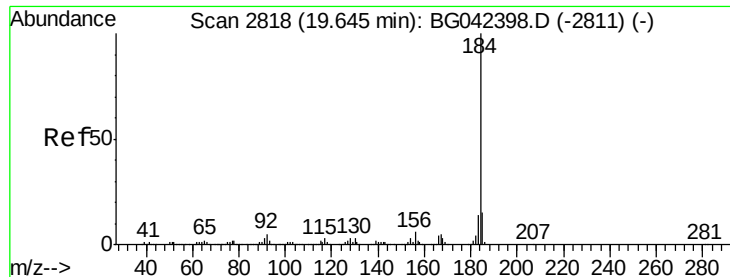


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 57.699 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

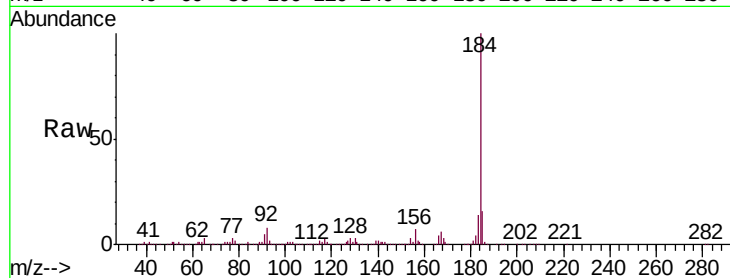
Instrument :

BNA_G

ClientSampleId :

Tot Ion:184 Resp: 947148

Ion	Ratio	Lower	Upper
184	100		
185	16.2	12.2	18.4
183	14.3	10.8	16.2

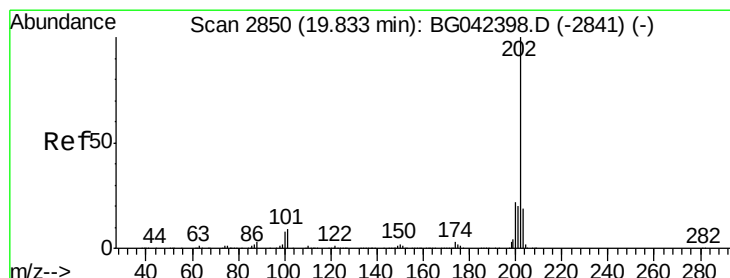
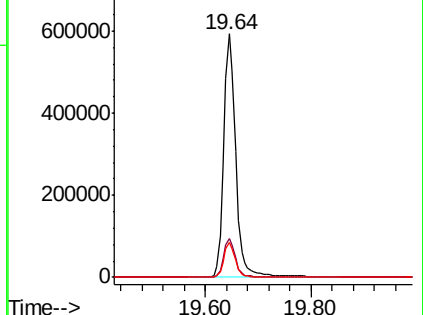
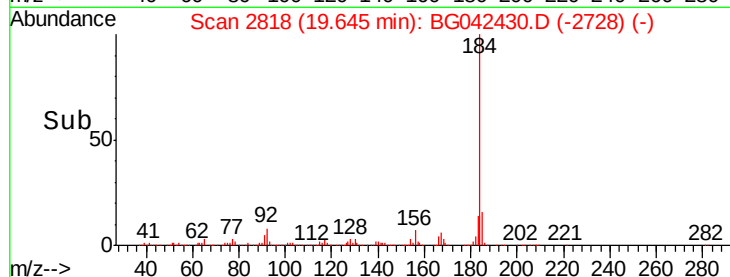


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 41.108 ng

RT: 19.83 min Scan# 2850

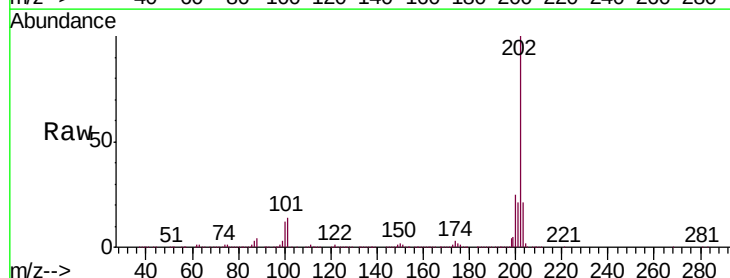
Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

Tgt Ion:202 Resp: 1443009

Ion	Ratio	Lower	Upper
202	100		
200	24.8	17.8	26.6
203	20.9	15.5	23.3

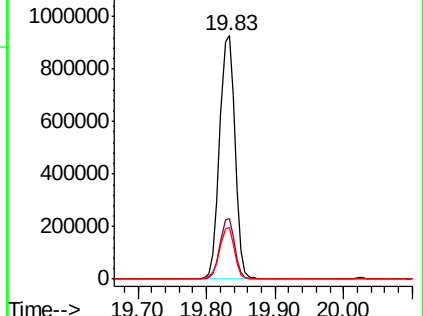
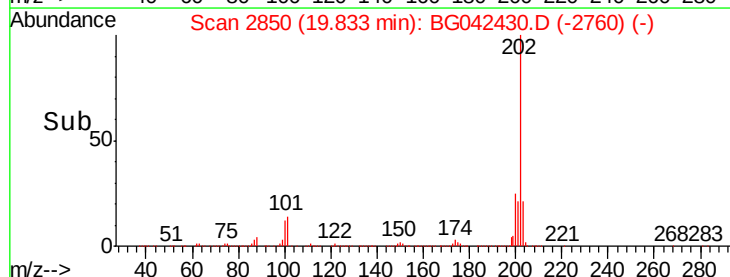


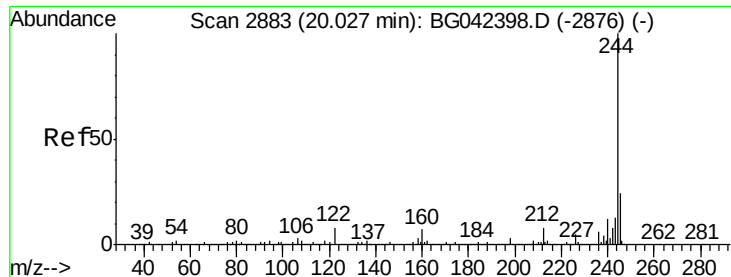
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 61.963 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

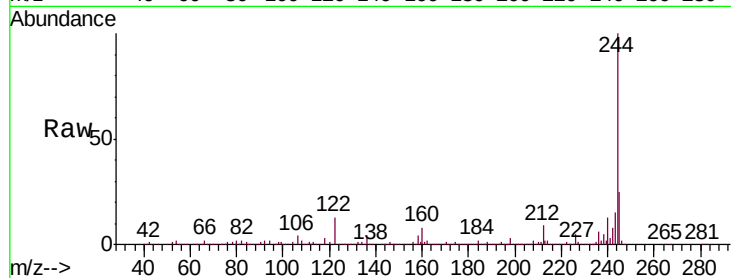
Instrument :

BNA_G

ClientSampled :

Tot Ion:244 Resp: 1640995

Ion	Ratio	Lower	Upper
244	100		
212	8.6	6.0	9.0
122	12.6	6.7	10.1

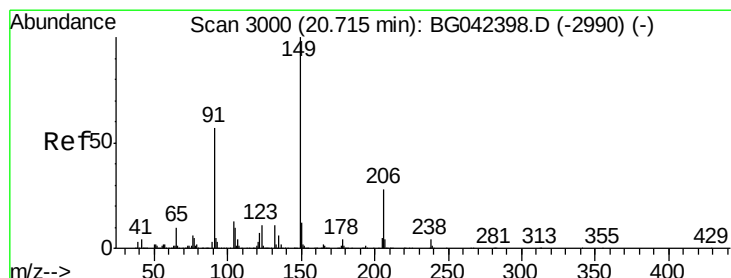
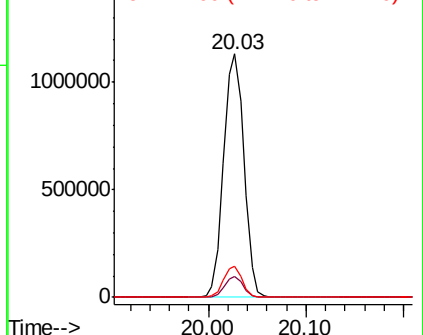
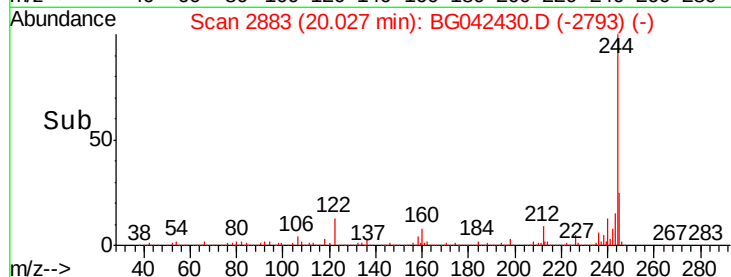


Abundance

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: 45.198 ng

RT: 20.71 min Scan# 3000

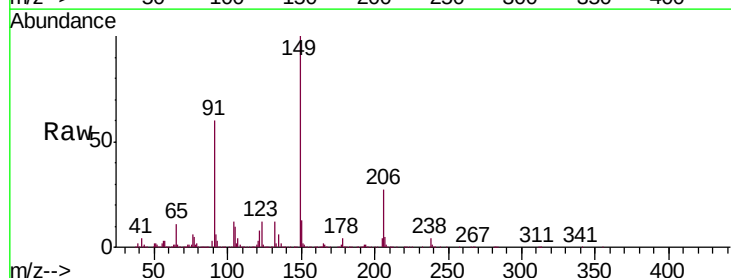
Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

Tgt Ion:149 Resp: 624037

Ion	Ratio	Lower	Upper
149	100		
91	60.2	45.9	68.9
206	26.8	22.5	33.7

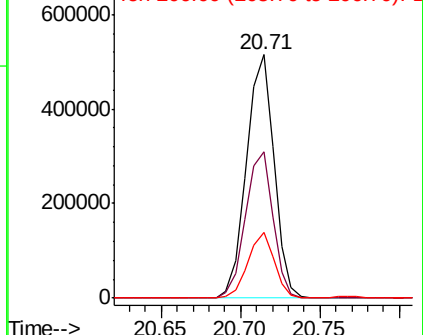
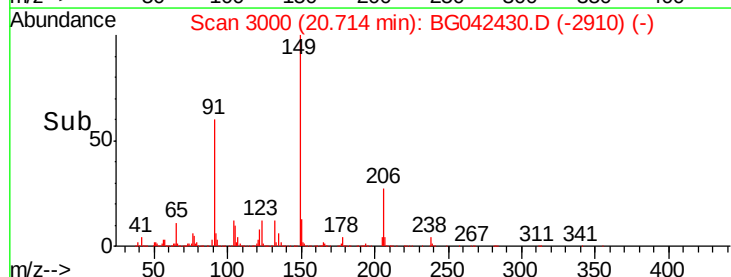


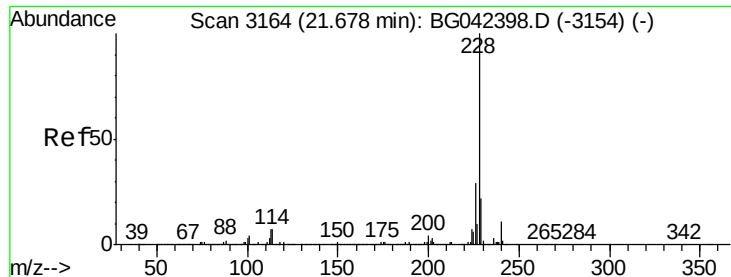
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.656 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

Instrument :

BNA_G

ClientSampled :

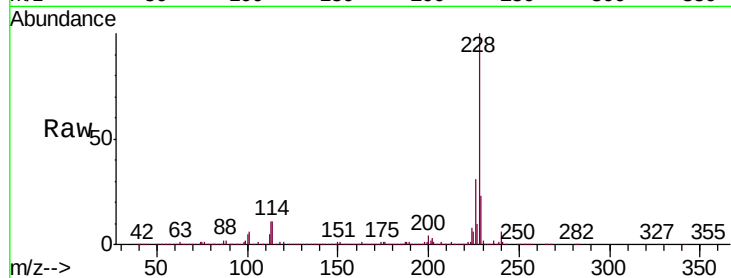
Tot Ion:228 Resp: 1381200

Ion	Ratio	Lower	Upper
228	100		
226	30.8	23.4	35.2
229	22.9	17.4	26.2

228 100

226 30.8 23.4 35.2

229 22.9 17.4 26.2

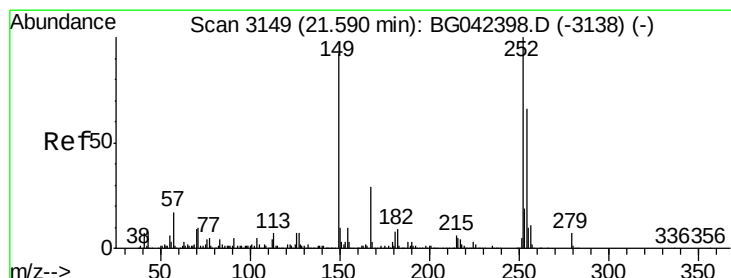
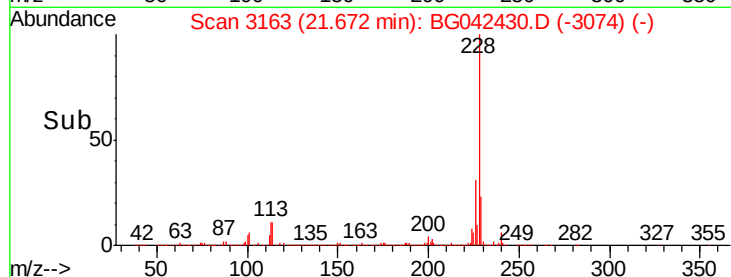
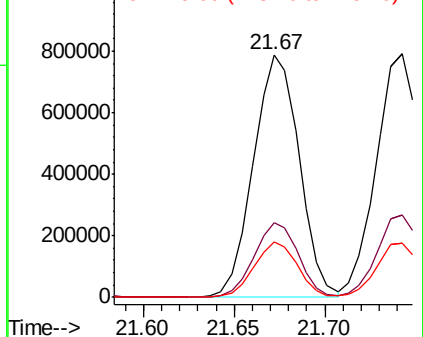


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.210 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

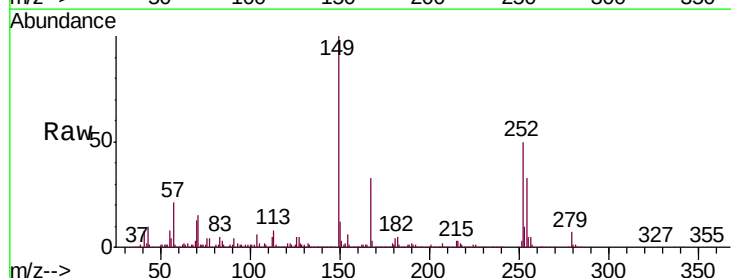
Tgt Ion:252 Resp: 395157

Ion	Ratio	Lower	Upper
252	100		
254	64.8	53.0	79.4
126	9.8	5.7	8.5#

252 100

254 64.8 53.0 79.4

126 9.8 5.7 8.5#

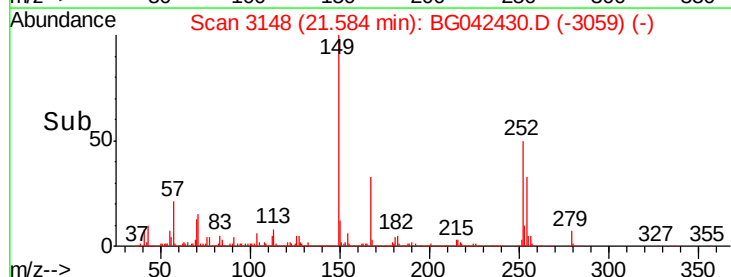
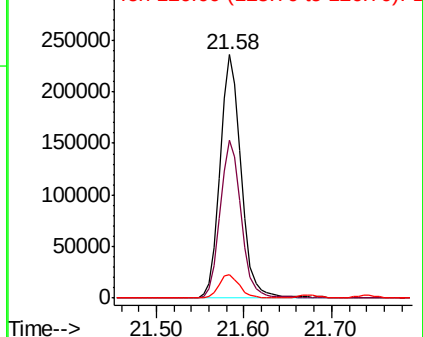


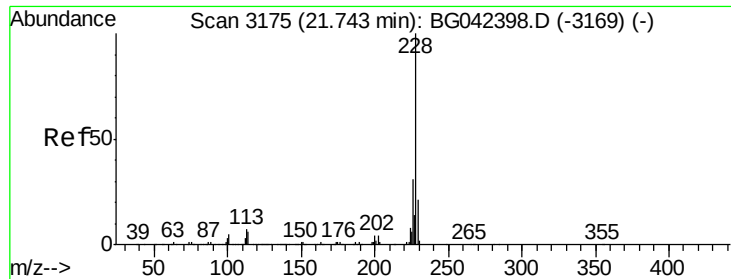
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E



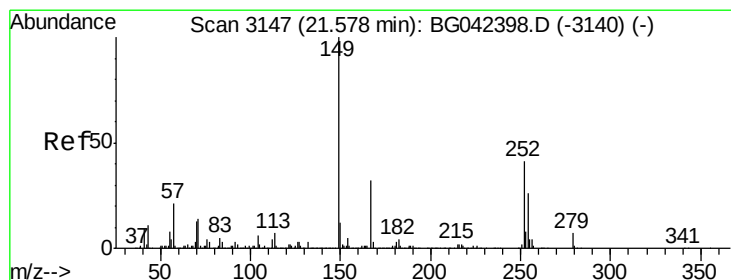
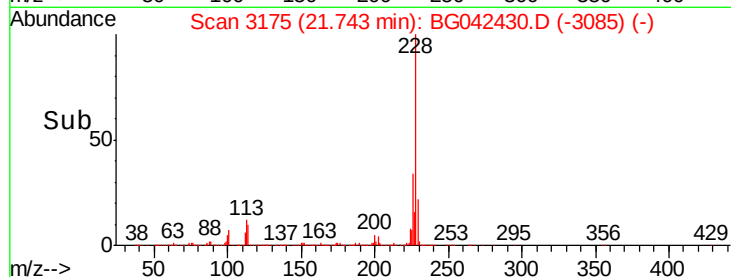
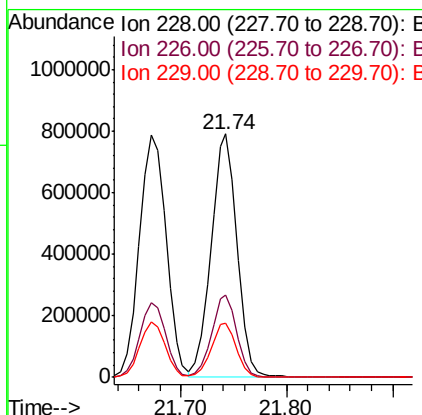
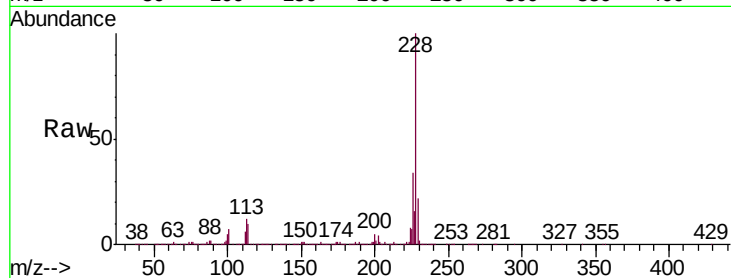


#83
 Chrysene
 Concen: 40.093 ng
 RT: 21.74 min Scan# 3175
 Delta R.T. -0.00 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

Instrument :
 BNA_G
 ClientSampleId :

Tot Ion:228 Resp: 1346734

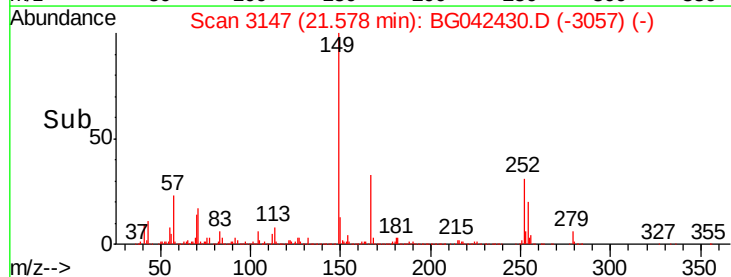
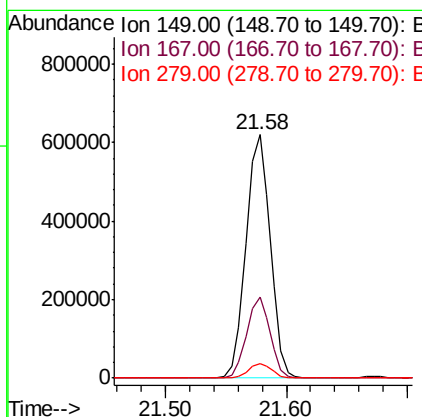
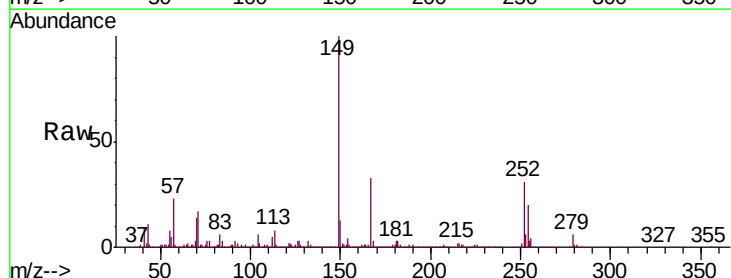
Ion	Ratio	Lower	Upper
228	100		
226	34.0	24.9	37.3
229	22.4	16.9	25.3

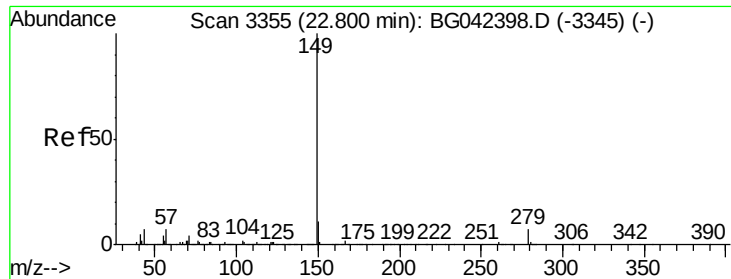


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.369 ng
 RT: 21.58 min Scan# 3147
 Delta R.T. -0.00 min
 Lab File: BG042430.D
 Acq: 23 Aug 2019 12:21

Tgt Ion:149 Resp: 869713

Ion	Ratio	Lower	Upper
149	100		
167	33.1	26.0	39.0
279	6.1	5.4	8.0





#85

Di-n-octyl phthalate

Concen: 45.563 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

Instrument :

BNA_G

ClientSampleId :

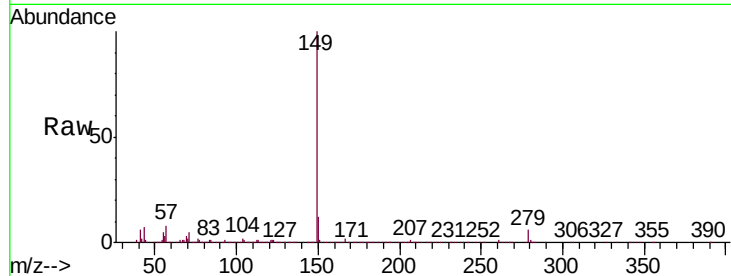
Tot Ion:149 Resp: 1502236

Ion Ratio Lower Upper

149 100

167 1.9 1.6 2.4

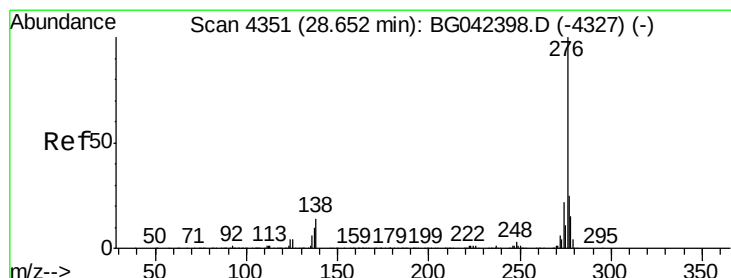
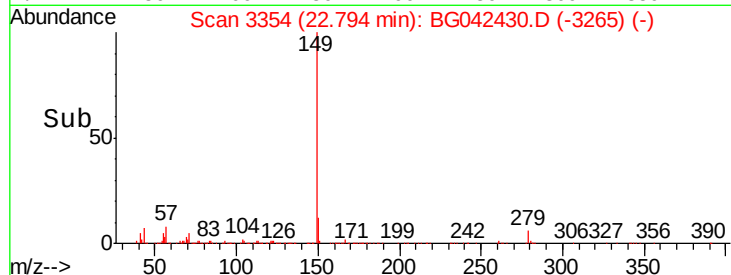
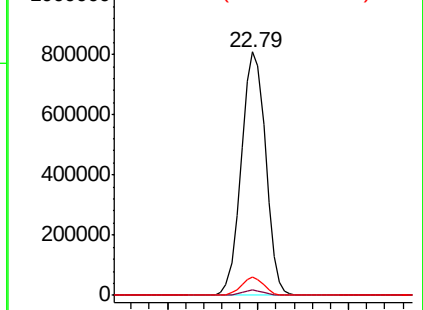
43 7.0 5.3 7.9



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: 39.038 ng

RT: 28.65 min Scan# 4351

Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

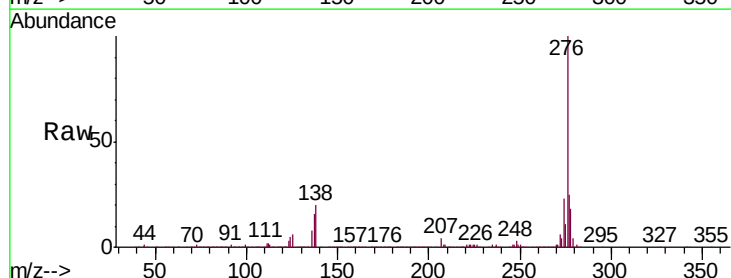
Tgt Ion:276 Resp: 1782008

Ion Ratio Lower Upper

276 100

138 25.0 9.2 13.8#

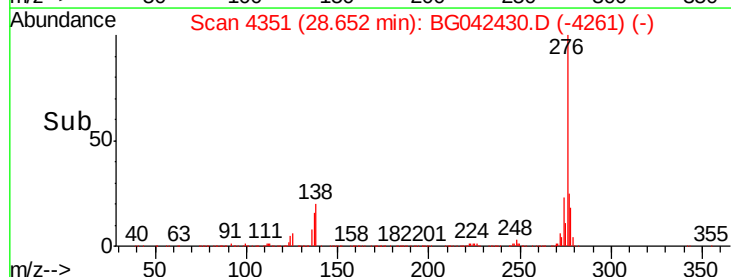
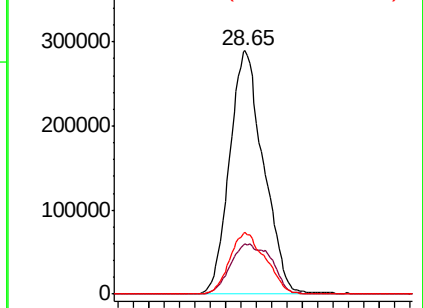
277 26.7 21.0 31.6

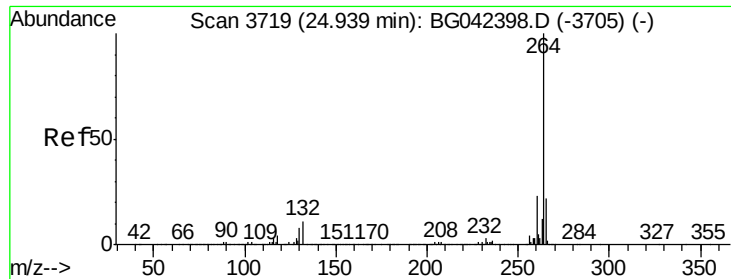


Abundance Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



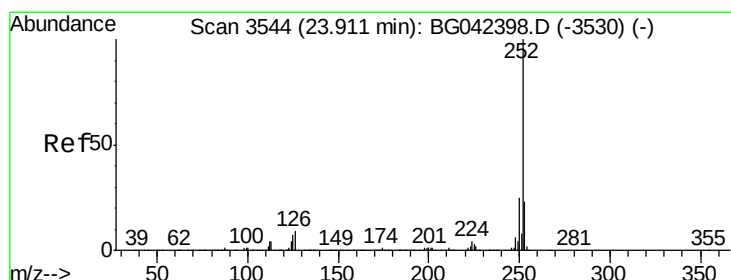
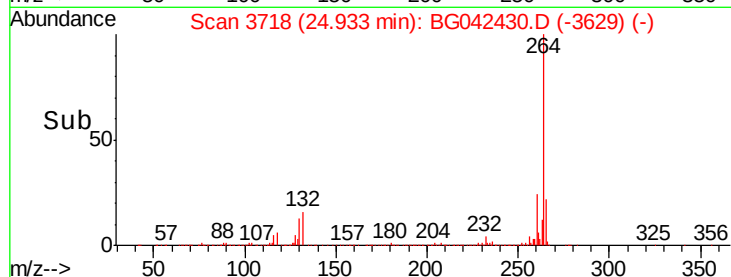
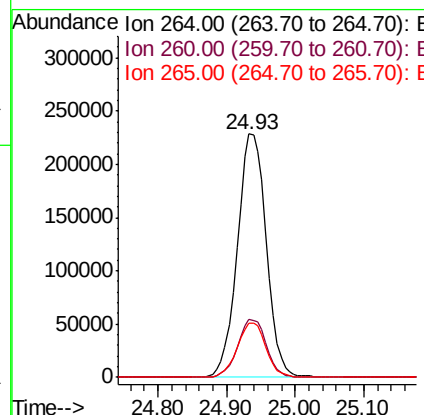
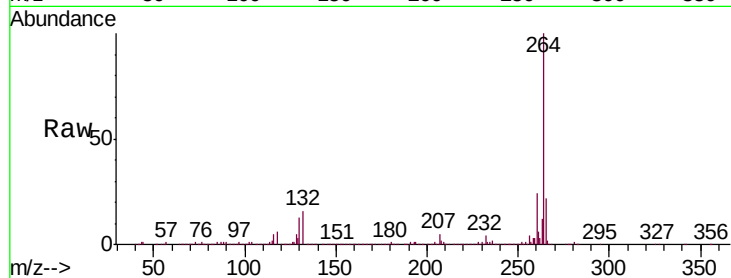


#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3718
Delta R.T. -0.01 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:264 Resp: 668852

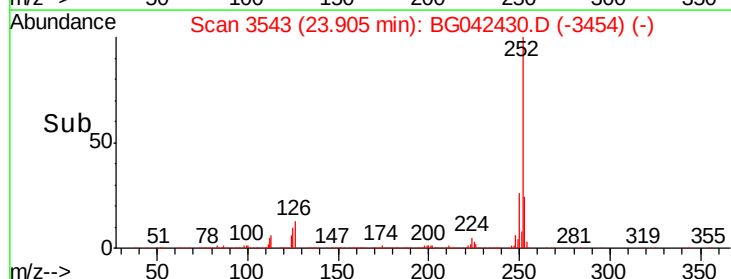
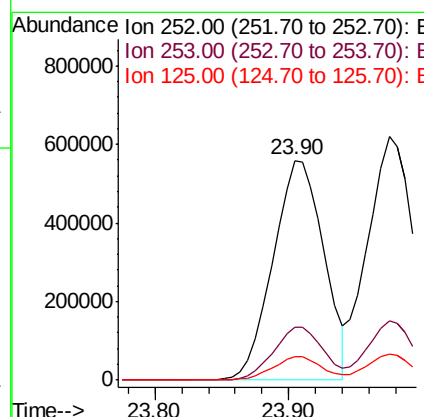
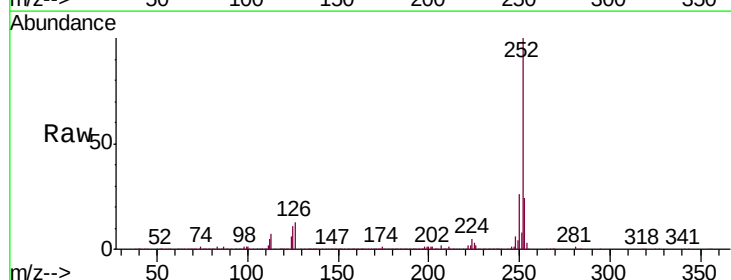
Ion	Ratio	Lower	Upper
264	100		
260	23.8	18.5	27.7
265	22.3	17.6	26.4

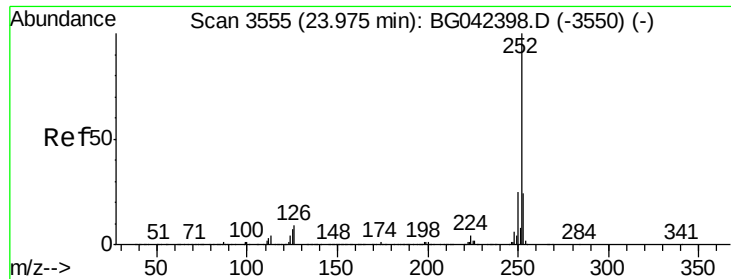


#88
Benzo(b)fluoranthene
Concen: 40.108 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Tgt Ion:252 Resp: 1474822

Ion	Ratio	Lower	Upper
252	100		
253	24.2	18.6	27.8
125	10.5	5.6	8.4#





#89

Benzo(k)fluoranthene

Concen: 42.149 ng

RT: 23.98 min Scan# 3555

Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

Instrument :

BNA_G

ClientSampleId :

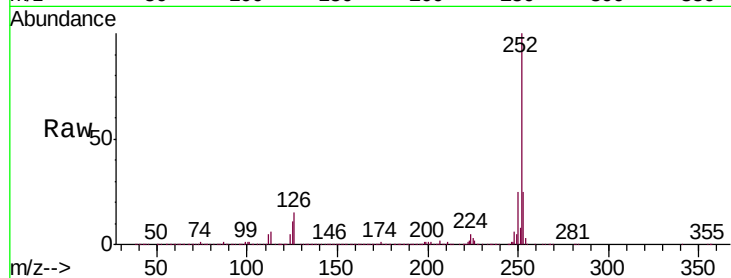
Tot Ion:252 Resp: 1489757

Ion Ratio Lower Upper

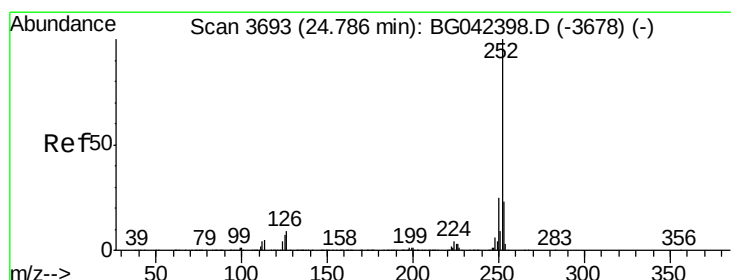
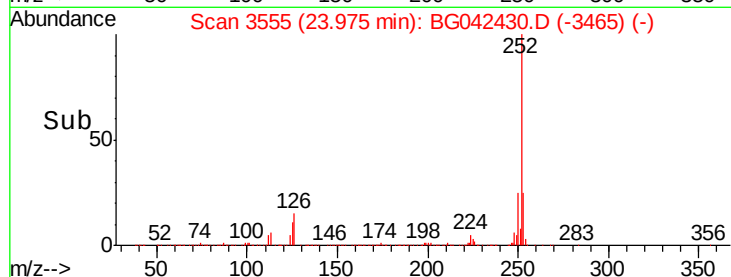
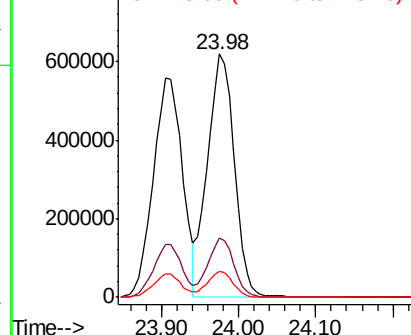
252 100

253 24.6 18.6 27.8

125 10.6 5.8 8.6#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 42.618 ng

RT: 24.79 min Scan# 3693

Delta R.T. -0.00 min

Lab File: BG042430.D

Acq: 23 Aug 2019 12:21

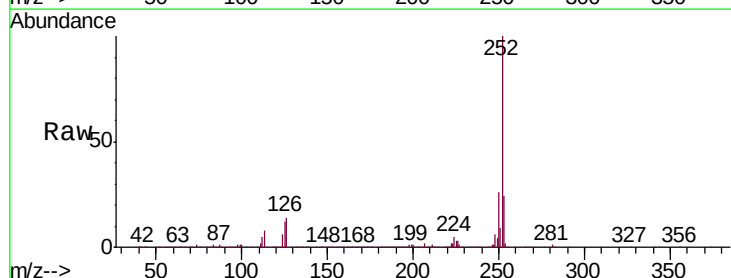
Tgt Ion:252 Resp: 1487049

Ion Ratio Lower Upper

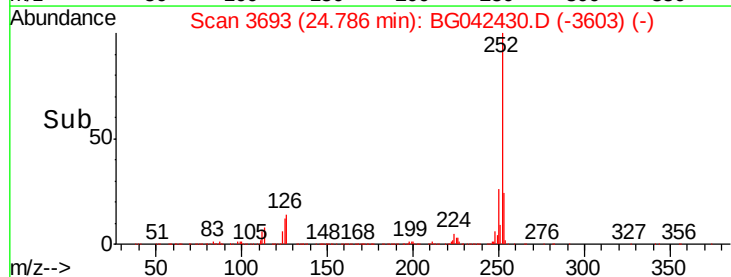
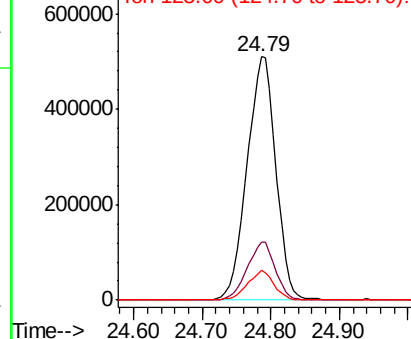
252 100

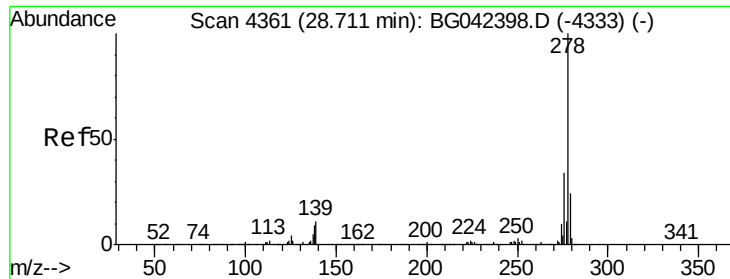
253 24.0 18.4 27.6

125 12.1 6.0 9.0#



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E



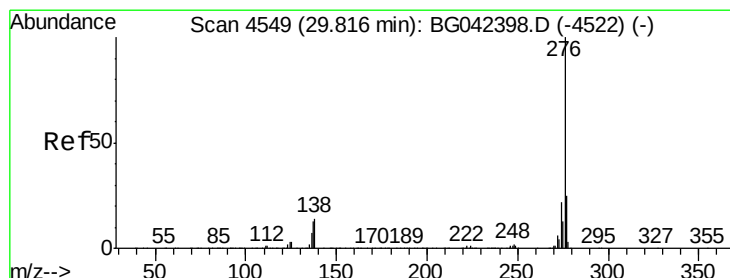
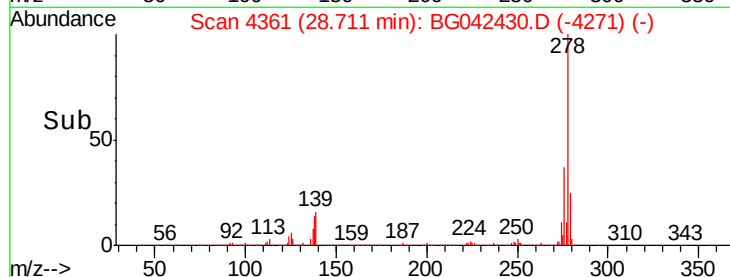
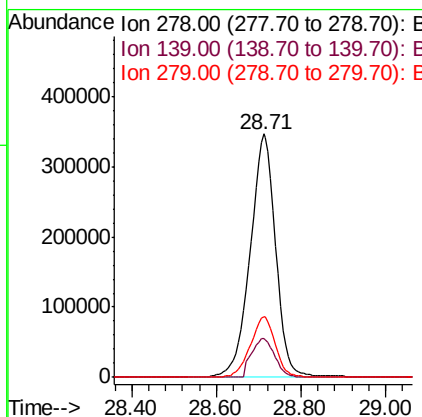
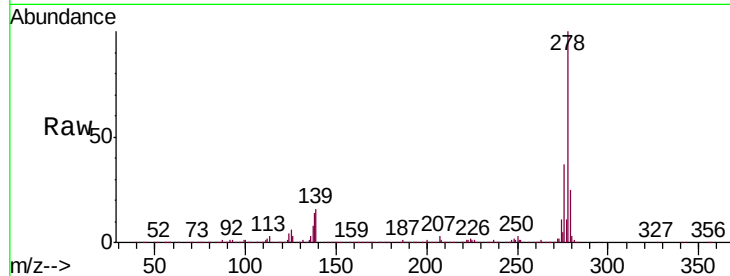


#91
Dibenzo(a,h)anthracene
Concen: 41.640 ng
RT: 28.71 min Scan# 4361
Delta R.T. -0.00 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Instrument :
BNA_G
ClientSampleId :

Tot Ion:278 Resp: 1471097

Ion	Ratio	Lower	Upper
278	100		
139	16.2	8.8	13.2#
279	24.9	19.1	28.7



#92
Benzo(g,h,i)perylene
Concen: 41.906 ng
RT: 29.81 min Scan# 4548
Delta R.T. -0.01 min
Lab File: BG042430.D
Acq: 23 Aug 2019 12:21

Tgt Ion:276 Resp: 1480702

Ion	Ratio	Lower	Upper
276	100		
277	24.7	19.8	29.8
138	22.0	11.4	17.0#

