

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042525.D
 Acq On : 28 Aug 2019 8:44
 Operator : HP/JU
 Sample : SSTDC0040
 Misc :
 ALS Vial : 2 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 15:13:10 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	37623	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	157008	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	116187	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	270034	20.00	ng	0.00
76) Chrysene-d12	21.69	240	279414	20.00	ng	0.00
87) Perylene-d12	24.93	264	333802	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.55	112	153343	82.55	ng	0.00
7) Phenol-d6	7.16	99	199839	79.64	ng	0.00
23) Nitrobenzene-d5	9.17	82	186888	82.26	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	135084	81.80	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	594220	86.50	ng	0.00
79) Terphenyl-d14	20.03	244	1089505	84.30	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.43	88	33513	43.229	ng	97
3) Pyridine	3.83	79	82126	41.313	ng	100
4) n-Nitrosodimethylamine	3.75	42	28929	40.745	ng	95
6) Aniline	7.32	93	133034	39.749	ng	97
8) 2-Chlorophenol	7.56	128	92410	41.047	ng	97
9) Benzaldehyde	7.13	77	51056	40.642	ng	94
10) Phenol	7.19	94	102920	40.340	ng	98
11) bis(2-Chloroethyl)ether	7.41	93	82151	41.000	ng	96
12) 1,3-Dichlorobenzene	7.89	146	118395	41.339	ng	98
13) 1,4-Dichlorobenzene	8.03	146	117993	40.673	ng	97
14) 1,2-Dichlorobenzene	8.36	146	113013	40.679	ng	98
15) Benzyl Alcohol	8.24	79	73120	40.503	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.53	45	107194	39.471	ng	99
17) 2-Methylphenol	8.45	107	75832	40.354	ng	94
18) Hexachloroethane	9.09	117	40310	40.588	ng	96
19) n-Nitroso-di-n-propylamine	8.81	70	66334	40.805	ng	97
20) 3+4-Methylphenols	8.78	107	103784	39.912	ng	98
22) Acetophenone	8.83	105	138653	41.289	ng	# 97
24) Nitrobenzene	9.21	77	93335	40.567	ng	99
25) Isophorone	9.73	82	180642	40.286	ng	99
26) 2-Nitrophenol	9.93	139	59279	41.114	ng	99
27) 2,4-Dimethylphenol	9.99	122	78687	39.619	ng	99
28) bis(2-Chloroethoxy)methane	10.22	93	114709	40.589	ng	97
29) 2,4-Dichlorophenol	10.47	162	106214	40.875	ng	96
30) 1,2,4-Trichlorobenzene	10.68	180	132751	41.621	ng	94
31) Naphthalene	10.87	128	295993	40.605	ng	99
32) Benzoic acid	10.13	122	48040	35.825	ng	97
33) 4-Chloroaniline	10.98	127	136375	40.527	ng	100
34) Hexachlorobutadiene	11.16	225	90601	42.266	ng	98
35) Caprolactam	11.75	113	33270	38.371	ng	97
36) 4-Chloro-3-methylphenol	12.11	107	100927	40.915	ng	98
37) 2-Methylnaphthalene	12.48	142	238533	40.753	ng	97
38) 1-Methylnaphthalene	12.70	142	228098	41.027	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	158798	42.560	ng	100

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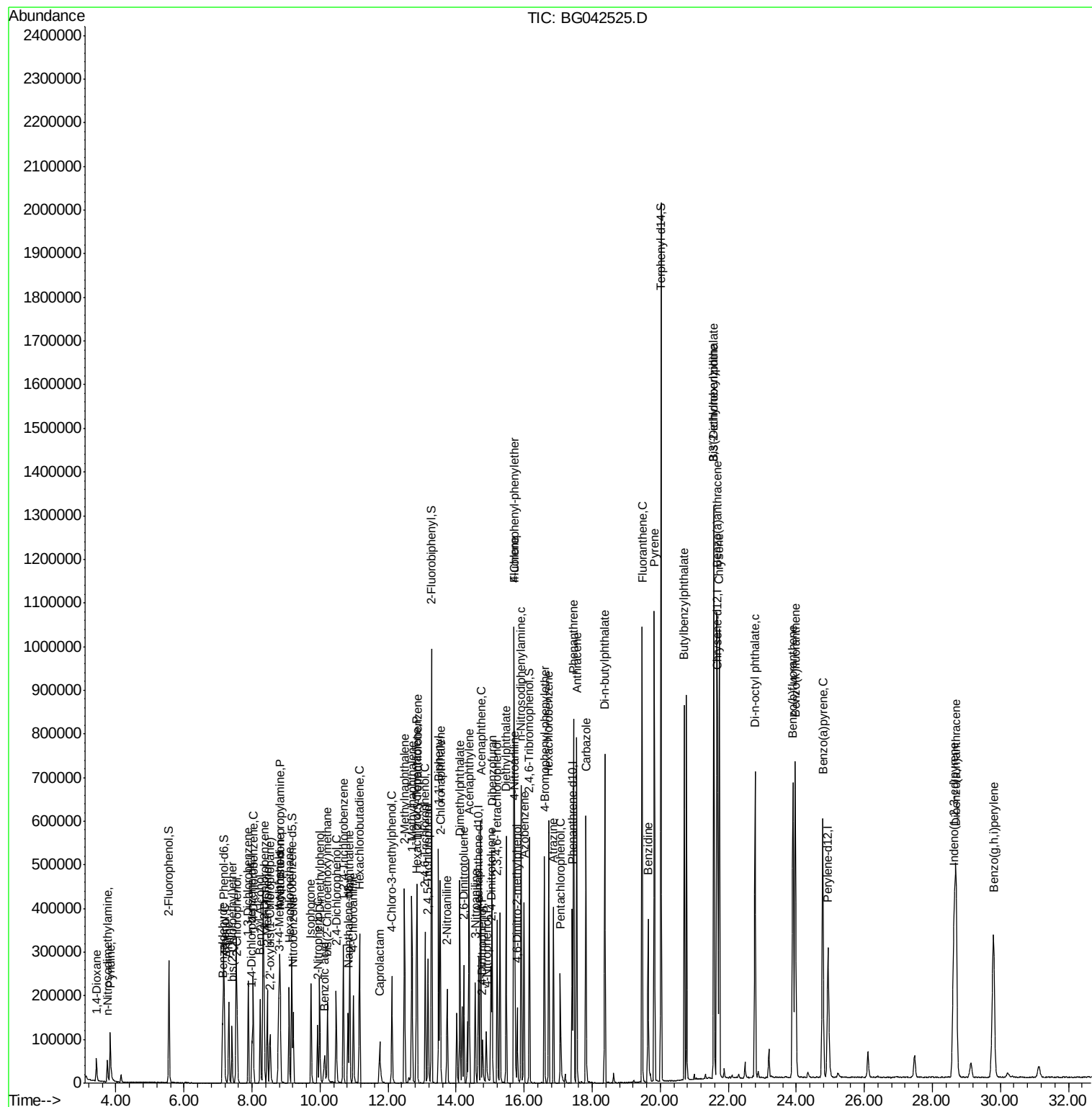
Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	76245	38.902	ng	99
43) 2,4,6-Trichlorophenol	13.09	196	104003	41.238	ng	97
44) 2,4,5-Trichlorophenol	13.18	196	109445	41.876	ng	97
46) 1,1'-Biphenyl	13.49	154	310569	41.352	ng	99
47) 2-Chloronaphthalene	13.53	162	267438	41.297	ng	99
48) 2-Nitroaniline	13.73	65	63038	40.367	ng	96
49) Acenaphthylene	14.38	152	405345	41.604	ng	99
50) Dimethylphthalate	14.11	163	349379	41.675	ng	100
51) 2,6-Dinitrotoluene	14.23	165	80039	41.190	ng	99
52) Acenaphthene	14.73	154	240508	40.654	ng	99
53) 3-Nitroaniline	14.56	138	77796	40.031	ng	98
54) 2,4-Dinitrophenol	14.78	184	40890	35.034	ng	94
55) Dibenzofuran	15.06	168	412300	42.103	ng	99
56) 4-Nitrophenol	14.89	139	54315	39.333	ng	96
57) 2,4-Dinitrotoluene	15.02	165	113772	40.887	ng	96
58) Fluorene	15.71	166	333807	41.700	ng	100
59) 2,3,4,6-Tetrachlorophenol	15.21	232	103880	40.192	ng	100
60) Diethylphthalate	15.47	149	336024	41.003	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	199795	41.404	ng	98
62) 4-Nitroaniline	15.73	138	83892	40.335	ng	100
63) Azobenzene	15.99	77	224189	39.923	ng	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	67685	39.979	ng	98
66) n-Nitrosodiphenylamine	15.91	169	304496	41.003	ng	99
67) 4-Bromophenyl-phenylether	16.59	248	141287	41.249	ng	97
68) Hexachlorobenzene	16.72	284	152438	40.940	ng	99
69) Atrazine	16.86	200	95498	36.365	ng	97
70) Pentachlorophenol	17.07	266	73012	37.739	ng	97
71) Phenanthrene	17.45	178	564887	42.115	ng	99
72) Anthracene	17.55	178	563916	42.114	ng	99
73) Carbazole	17.82	167	497059	41.651	ng	99
74) Di-n-butylphthalate	18.37	149	600057	42.536	ng	100
75) Fluoranthene	19.47	202	724348	44.249	ng	97
77) Benzidine	19.64	184	278262	34.735	ng	99
78) Pyrene	19.83	202	726169	42.390	ng	99
80) Butylbenzylphthalate	20.71	149	276442	41.028	ng	98
81) Benzo(a)anthracene	21.67	228	719169	42.311	ng	97
82) 3,3'-Dichlorobenzidine	21.58	252	275659	40.325	ng	98
83) Chrysene	21.74	228	688371	41.993	ng	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	385014	41.155	ng	98
85) Di-n-octyl phthalate	22.79	149	661153	41.091	ng	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	891671	40.027	ng	# 96
88) Benzo(b)fluoranthene	23.90	252	758558	41.336	ng	98
89) Benzo(k)fluoranthene	23.97	252	752758	42.675	ng	100
90) Benzo(a)pyrene	24.78	252	736062	42.269	ng	98
91) Dibenzo(a,h)anthracene	28.70	278	722359	40.970	ng	99
92) Benzo(g,h,i)perylene	29.80	276	721314	40.904	ng	97

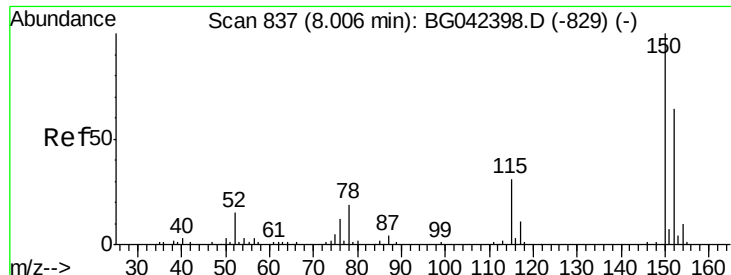
(#) = qualifier out of range (m) = manual integration (+) = signals summed

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Misc :
ALS Vial : 2 Sample Multiplier: 1

Instrument :
BNA_F
ClientSampled :

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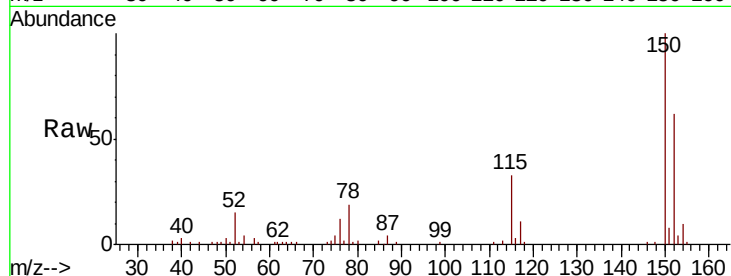


#1

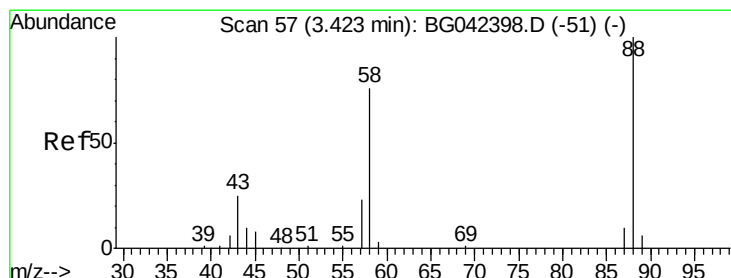
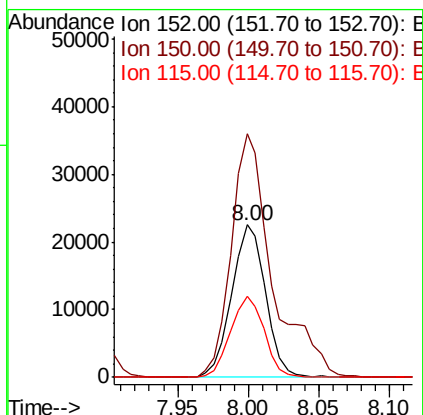
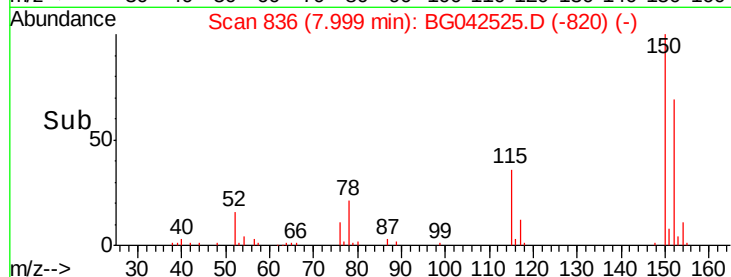
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:152 Resp: 37623
Ion Ratio Lower Upper
152 100
150 160.0 125.4 188.0
115 53.1 38.5 57.7



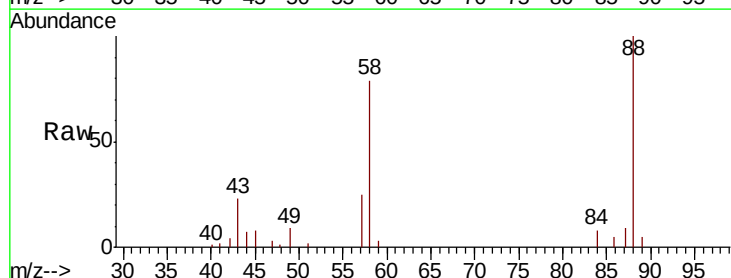
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



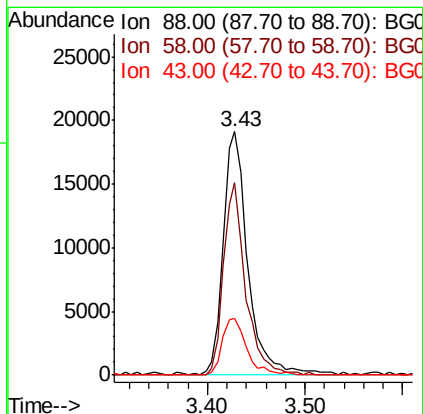
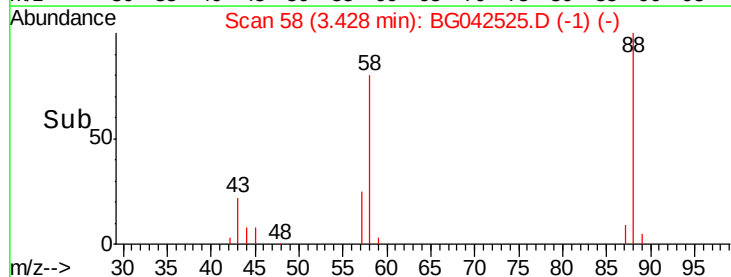
#2

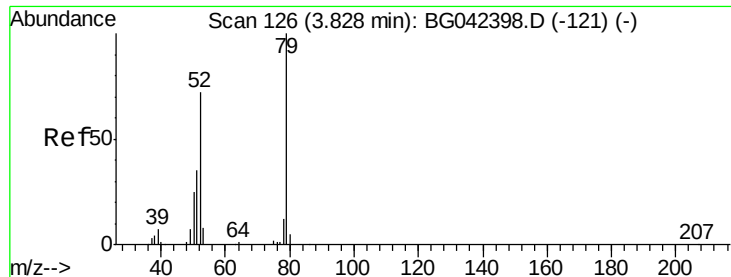
1,4-Dioxane
Concen: 43.229 ng
RT: 3.43 min Scan# 58
Delta R.T. 0.00 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

Tgt Ion: 88 Resp: 33513
Ion Ratio Lower Upper
88 100
58 70.7 58.3 87.5
43 23.3 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: 41.313 ng

RT: 3.83 min Scan# 127

Delta R.T. 0.00 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Instrument :

BNA_F

ClientSampled :

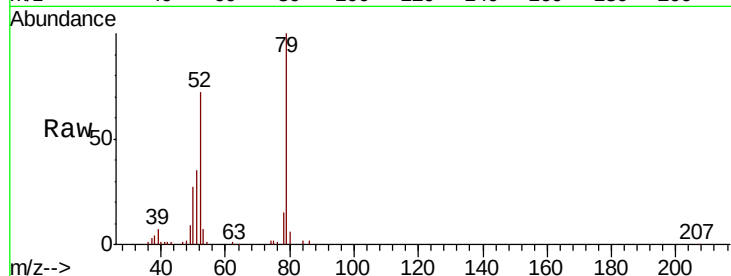
Tot Ion: 79 Resp: 82126

Ion Ratio Lower Upper

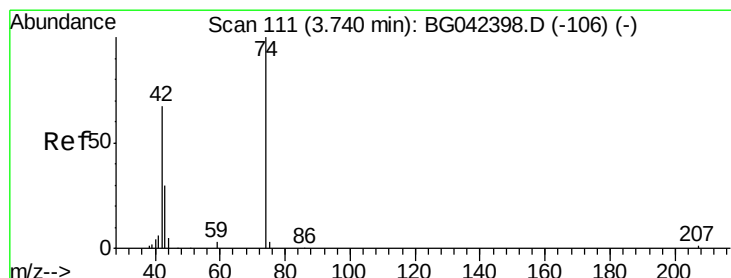
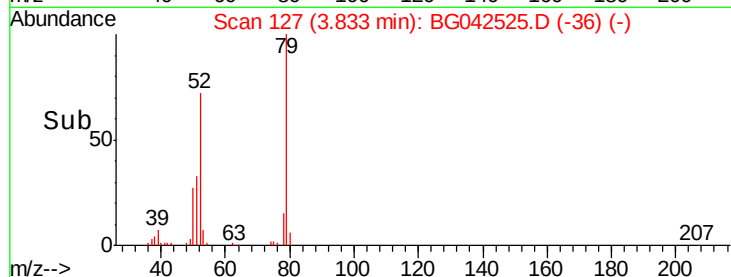
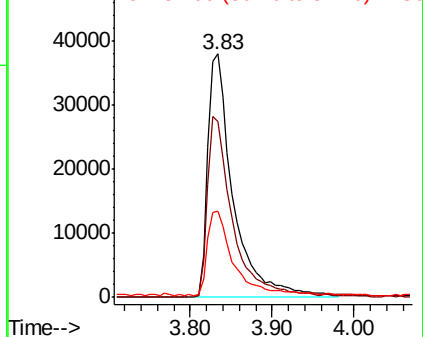
79 100

52 72.2 57.7 86.5

51 35.4 28.8 43.2



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 52.00 (51.70 to 52.70): BGC
Ion 51.00 (50.70 to 51.70): BGC



#4

n-Nitrosodimethylamine

Concen: 40.745 ng

RT: 3.75 min Scan# 112

Delta R.T. 0.00 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

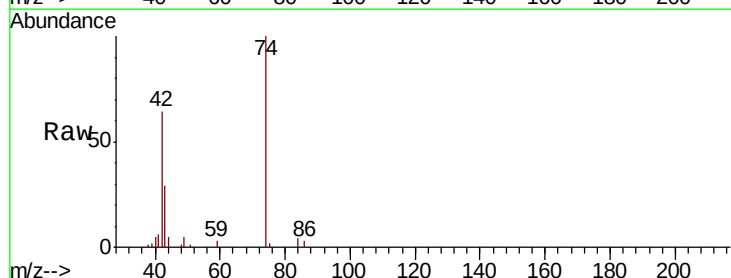
Tgt Ion: 42 Resp: 28929

Ion Ratio Lower Upper

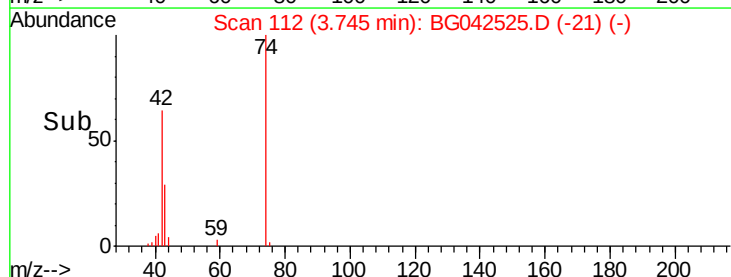
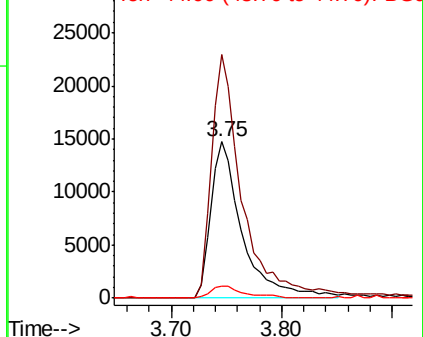
42 100

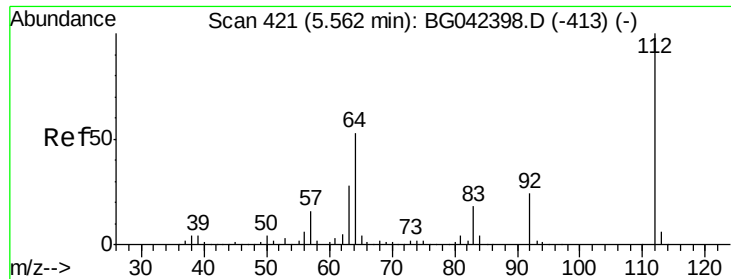
74 155.6 119.6 179.4

44 7.7 6.5 9.7



Abundance Ion 42.00 (41.70 to 42.70): BGC
Ion 74.00 (73.70 to 74.70): BGC
Ion 44.00 (43.70 to 44.70): BGC





#5

2-Fluorophenol

Concen: 82.546 ng

RT: 5.55 min Scan# 420

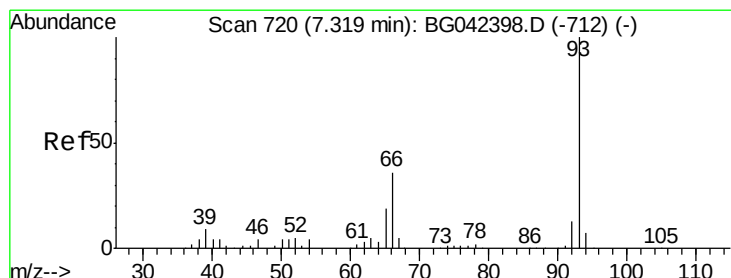
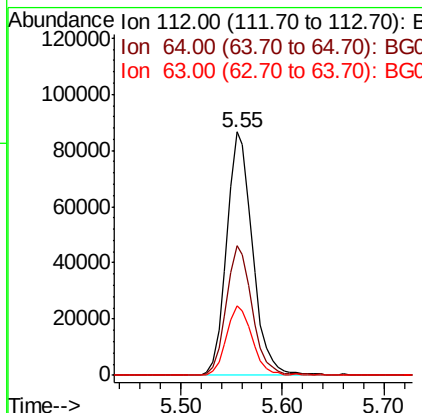
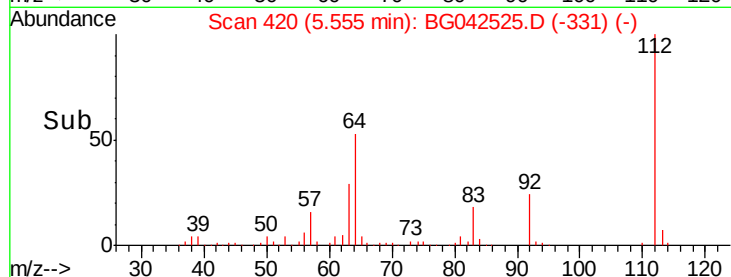
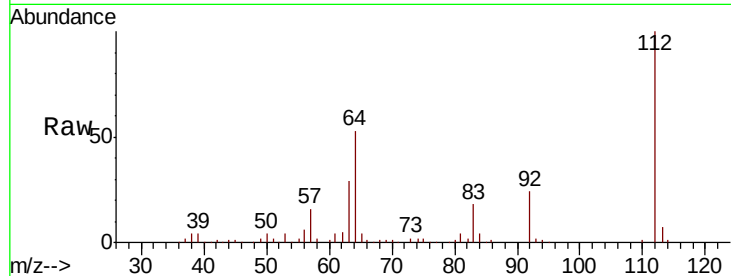
Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:	112	Resp:	153343
Ion	Ratio	Lower	Upper
112	100		
64	53.1	42.8	64.2
63	28.5	22.7	34.1



#6

Aniline

Concen: 39.749 ng

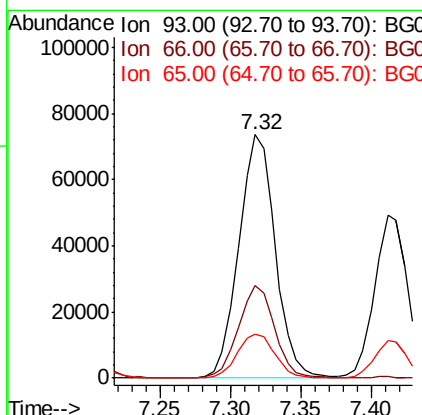
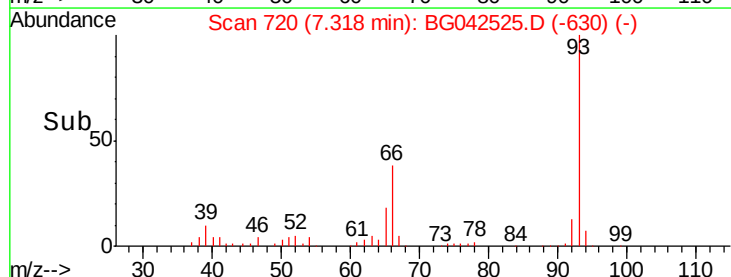
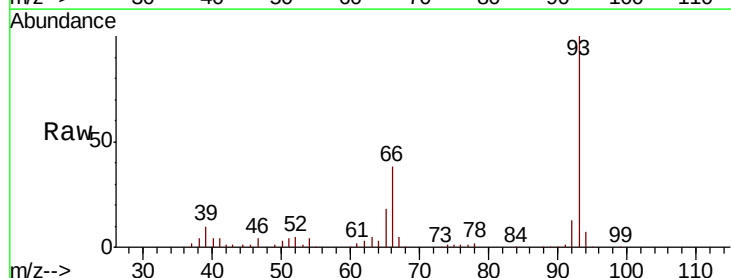
RT: 7.32 min Scan# 720

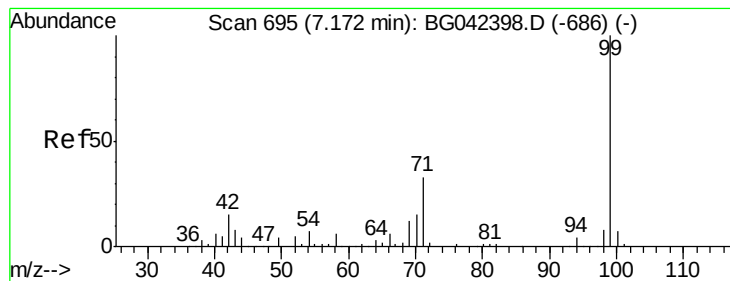
Delta R.T. -0.00 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Tgt Ion:	93	Resp:	133034
Ion	Ratio	Lower	Upper
93	100		
66	38.0	29.0	43.6
65	18.1	15.2	22.8





#7

Phenol-d6

Concen: 79.640 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Instrument :

BNA_F

ClientSampleId :

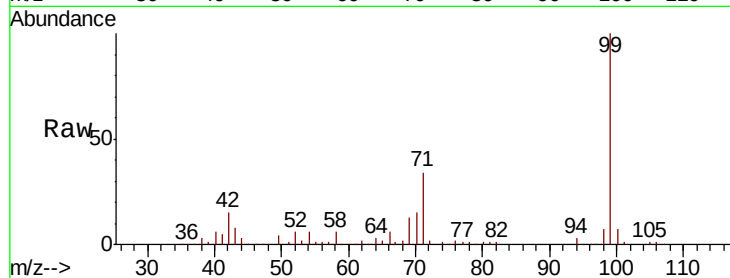
Tot Ion: 99 Resp: 199839

Ion Ratio Lower Upper

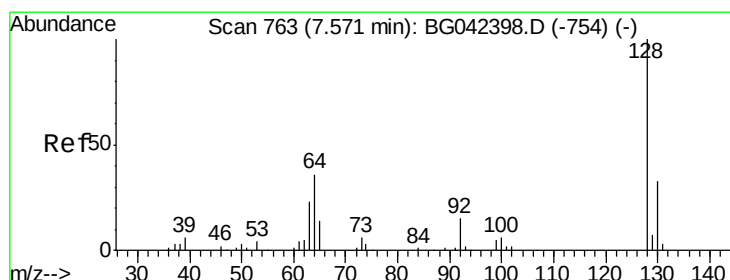
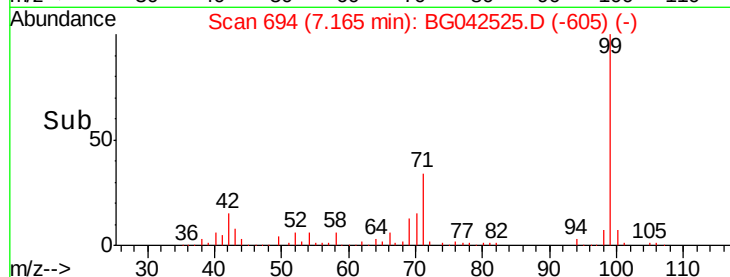
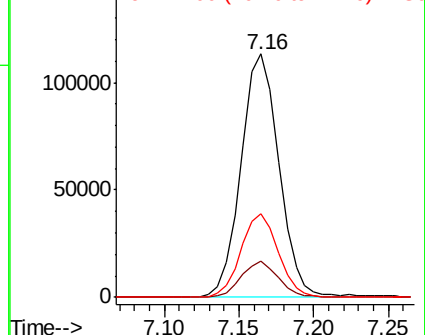
99 100

42 14.9 12.0 18.0

71 34.3 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: 41.047 ng

RT: 7.56 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

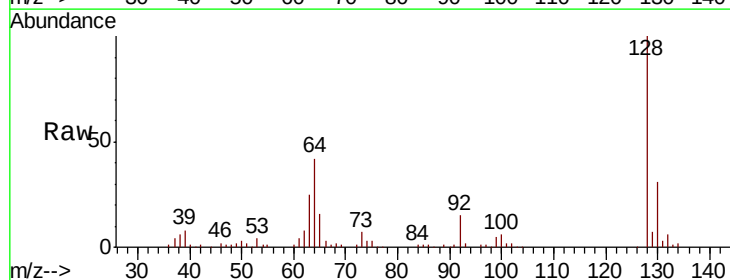
Tgt Ion: 128 Resp: 92410

Ion Ratio Lower Upper

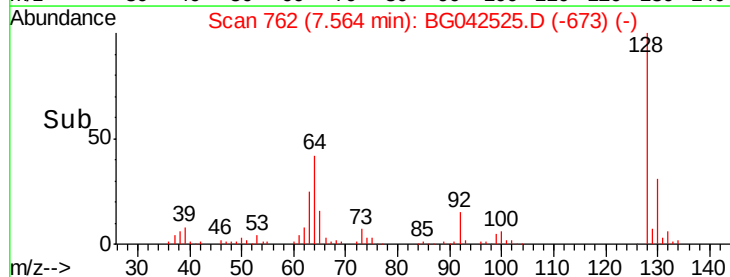
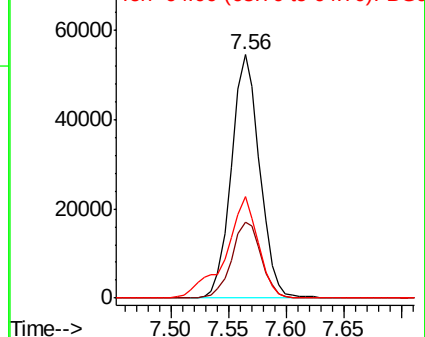
128 100

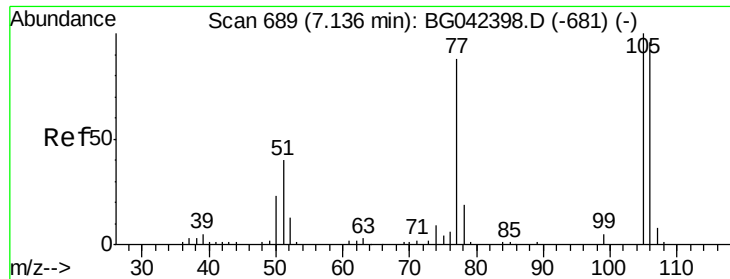
130 31.2 12.8 52.8

64 41.6 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: 40.642 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Instrument :

BNA_F

ClientSampleId :

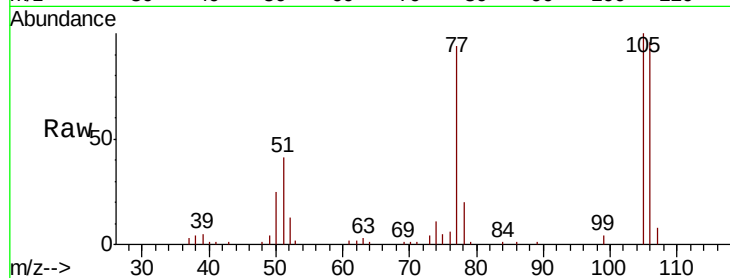
Tot Ion: 77 Resp: 51056

Ion Ratio Lower Upper

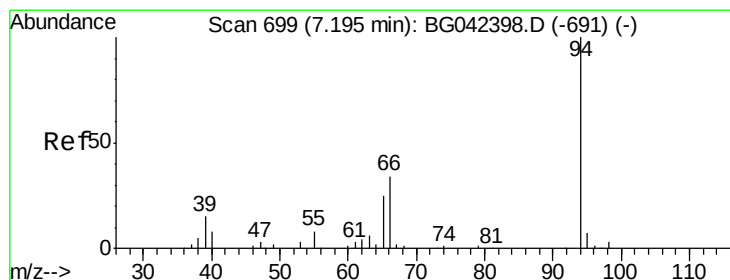
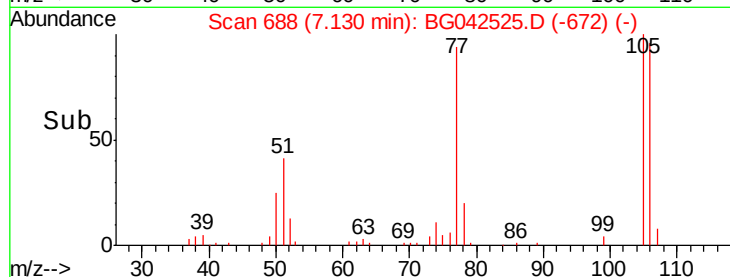
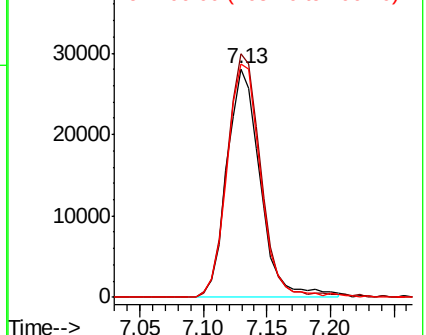
77 100

105 106.6 93.4 133.4

106 102.3 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: 40.340 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

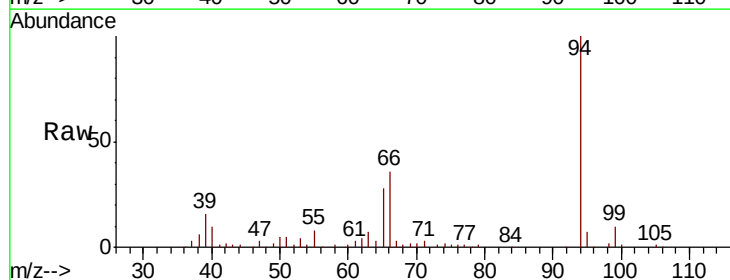
Tgt Ion: 94 Resp: 102920

Ion Ratio Lower Upper

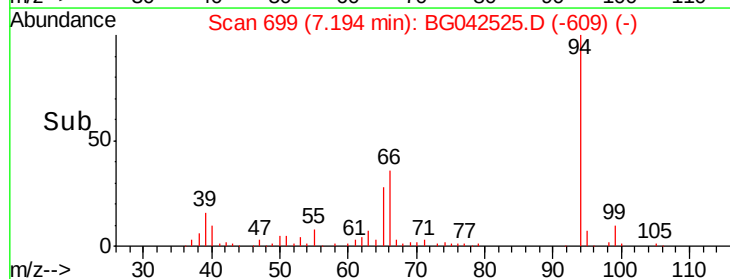
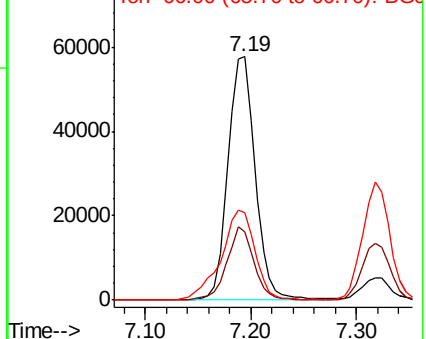
94 100

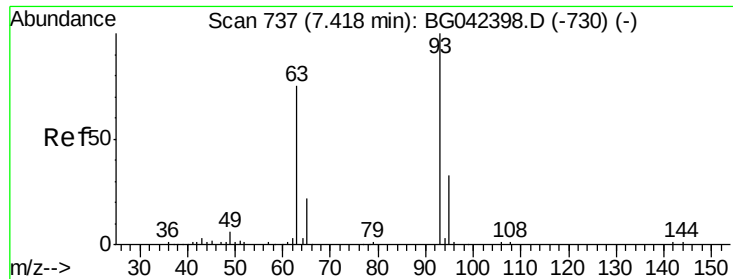
65 28.0 5.6 45.6

66 36.0 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

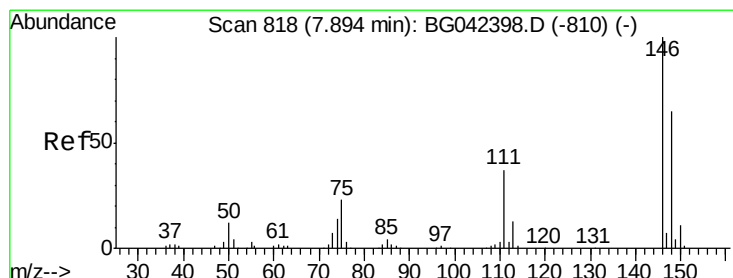
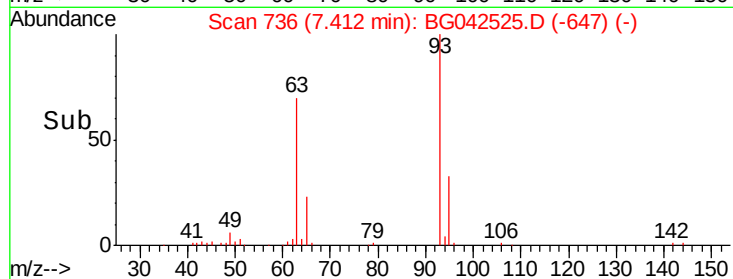
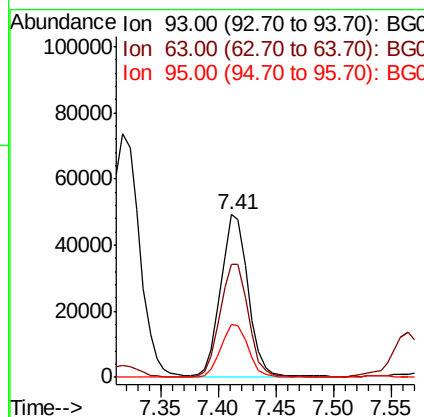
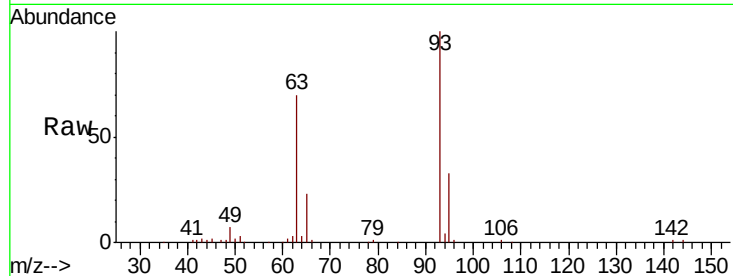




#11
bis(2-Chloroethyl)ether
Concen: 41.000 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

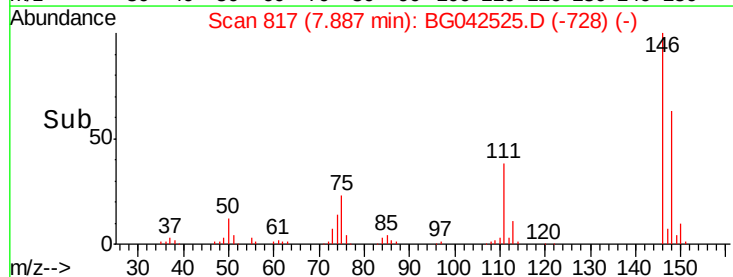
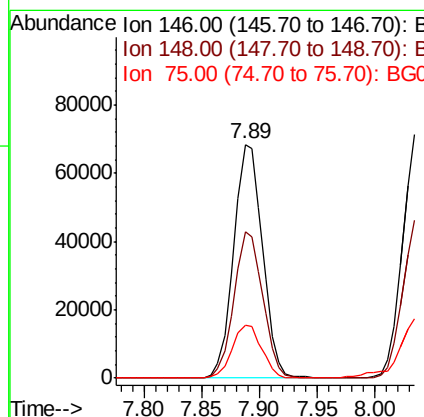
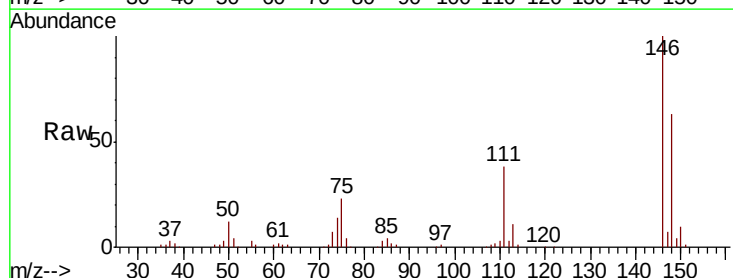
Instrument :
BNA_F
ClientSampleId :

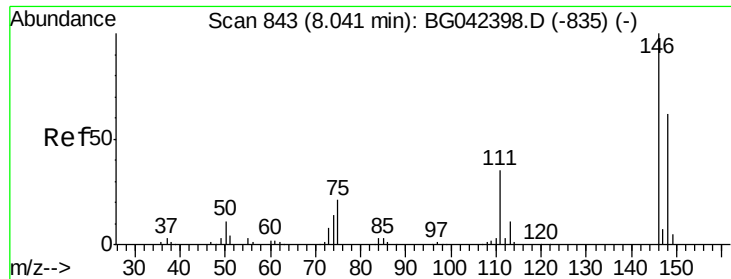
Tot Ion	93	Resp	82151
Ion Ratio	Lower	Upper	
93	100		
63	69.6	53.8	93.8
95	32.9	13.1	53.1



#12
1,3-Dichlorobenzene
Concen: 41.339 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

Tgt Ion	146	Resp	118395
Ion Ratio	Lower	Upper	
146	100		
148	62.8	52.2	78.2
75	22.9	18.0	27.0

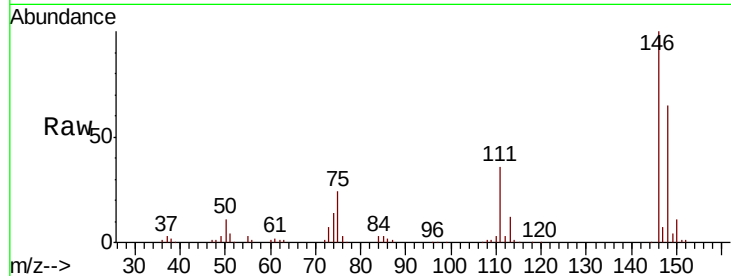




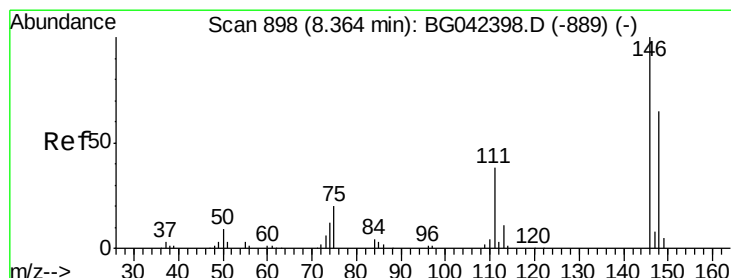
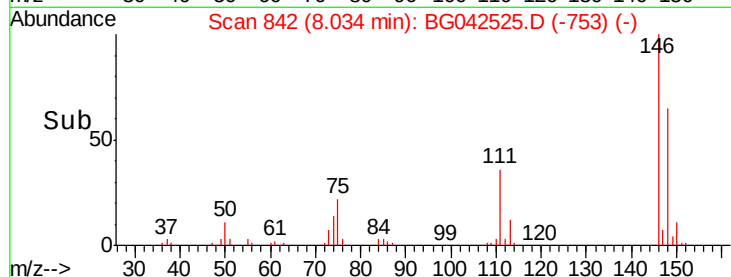
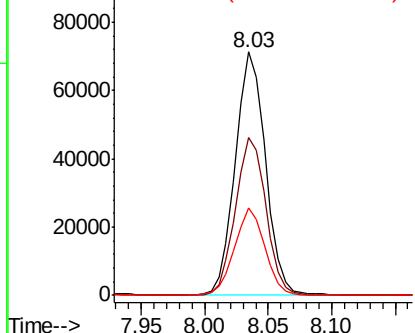
#13
 1,4-Dichlorobenzene
 Concen: 40.673 ng
 RT: 8.03 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 117993
 Ion Ratio Lower Upper
 146 100
 148 64.7 49.5 74.3
 111 35.9 28.1 42.1

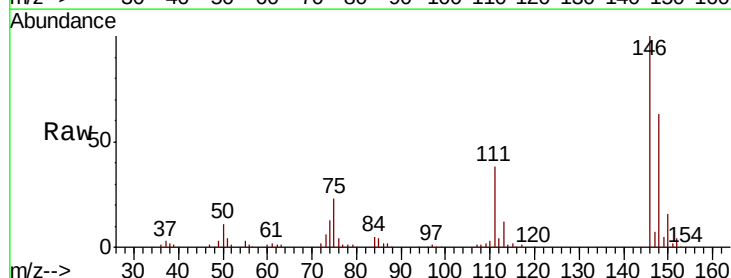


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

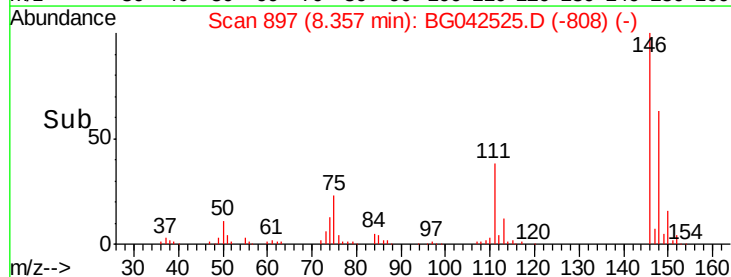
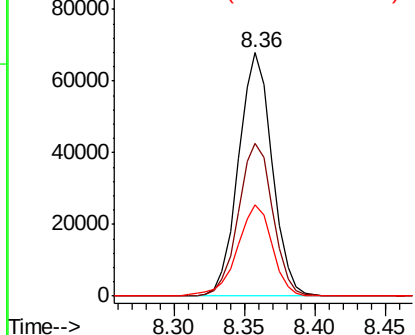


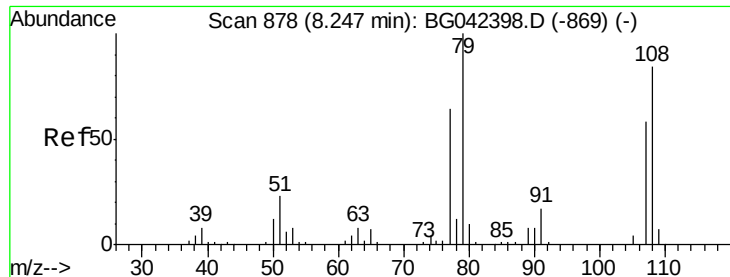
#14
 1,2-Dichlorobenzene
 Concen: 40.679 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

Tgt Ion:146 Resp: 113013
 Ion Ratio Lower Upper
 146 100
 148 62.8 51.8 77.6
 111 37.7 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

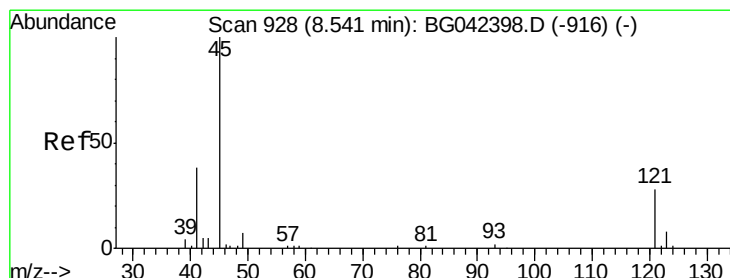
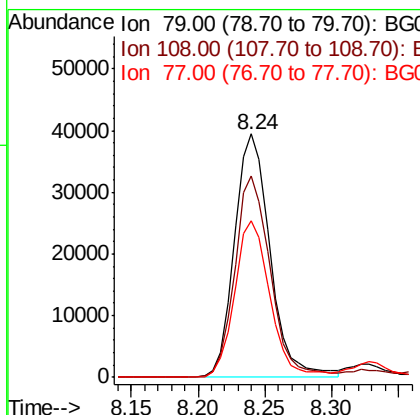
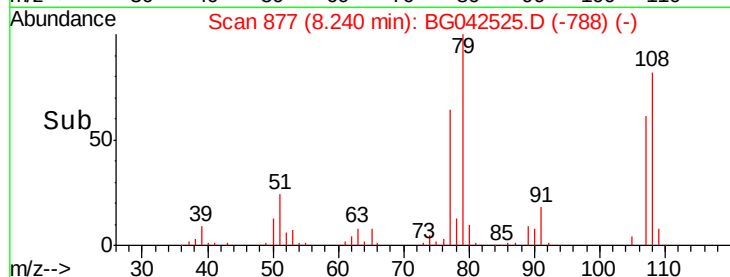
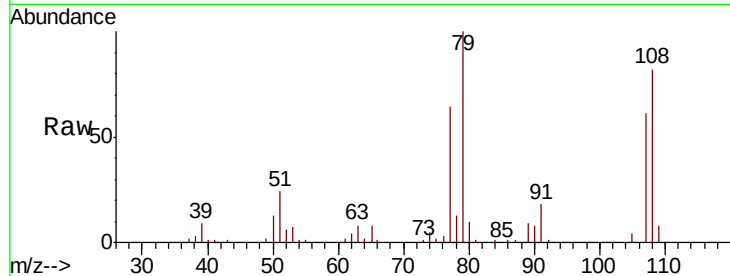




#15
Benzyl Alcohol
Concen: 40.503 ng
RT: 8.24 min Scan# 877
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

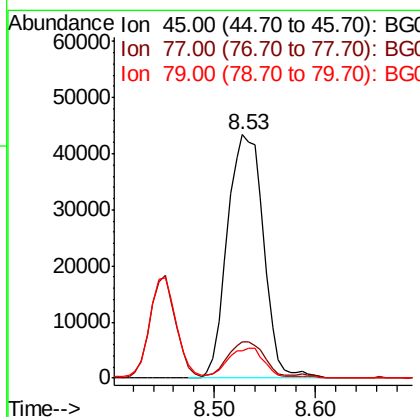
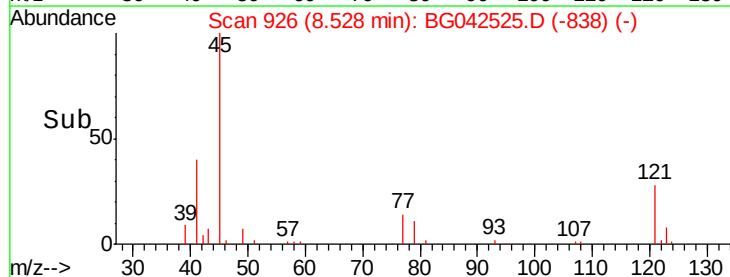
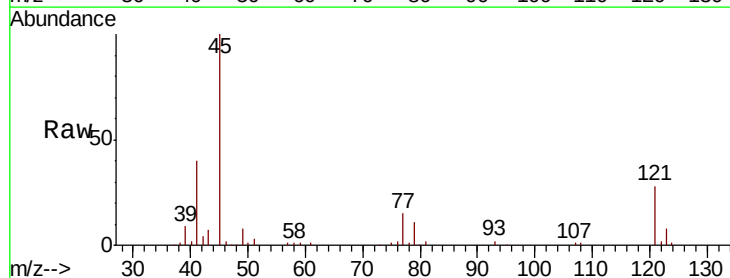
Instrument :
BNA_F
ClientSampled :

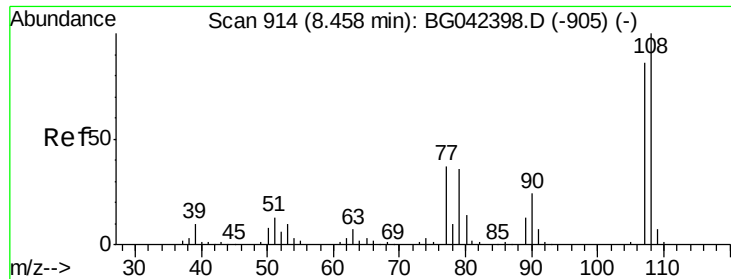
Tot Ion: 79 Resp: 73120
Ion Ratio Lower Upper
79 100
108 82.4 67.4 101.2
77 64.5 50.8 76.2



#16
2,2'-oxybis(1-chloropropane)
Concen: 39.471 ng
RT: 8.53 min Scan# 926
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

Tgt Ion: 45 Resp: 107194
Ion Ratio Lower Upper
45 100
77 15.0 0.0 35.6
79 11.5 0.0 31.6

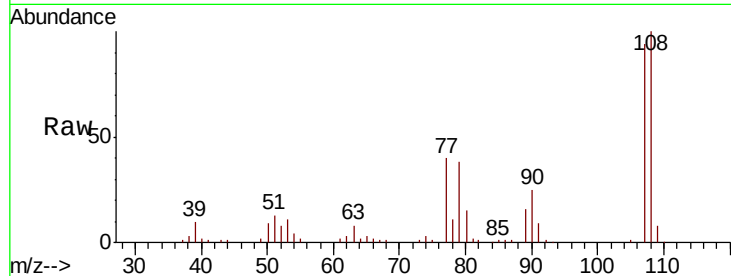




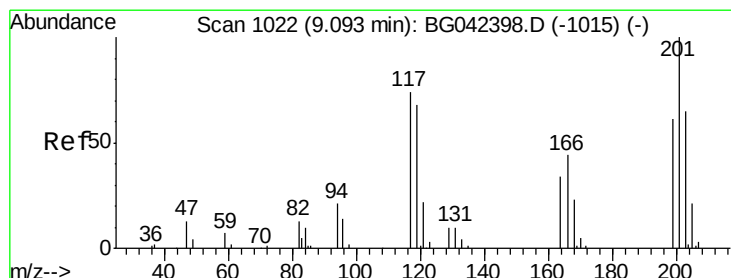
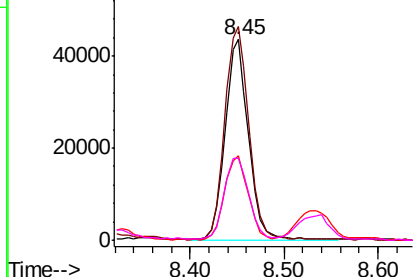
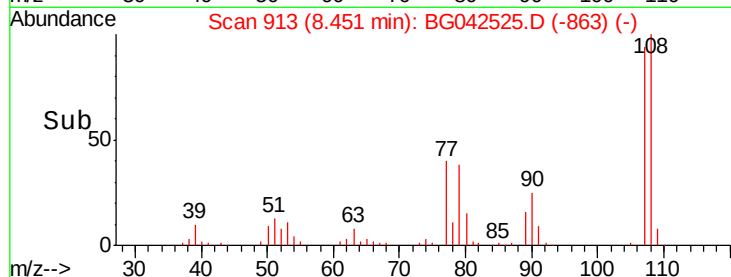
#17
2-Methylphenol
Concen: 40.354 ng
RT: 8.45 min Scan# 913
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:107 Resp: 75832
Ion Ratio Lower Upper
107 100
108 106.3 92.9 139.3
77 42.1 34.4 51.6
79 40.8 33.8 50.6

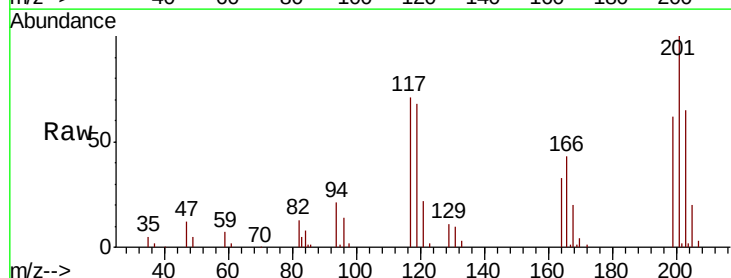


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

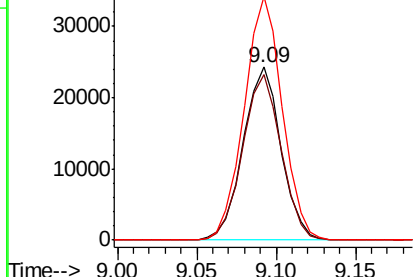
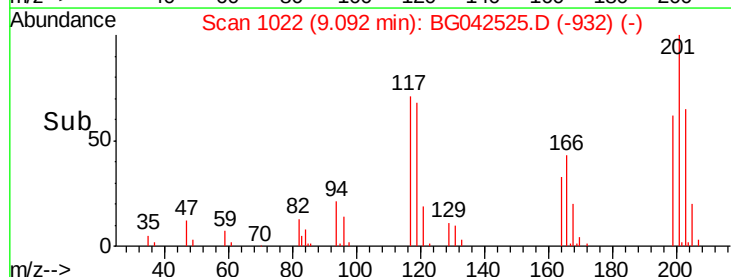


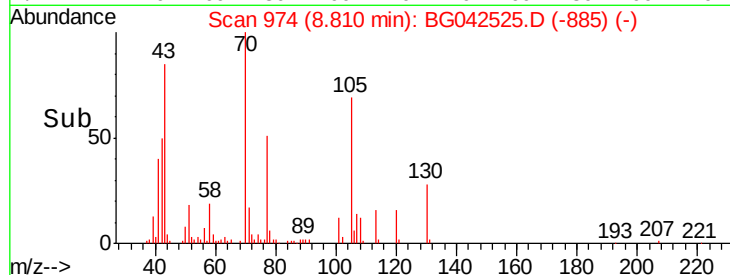
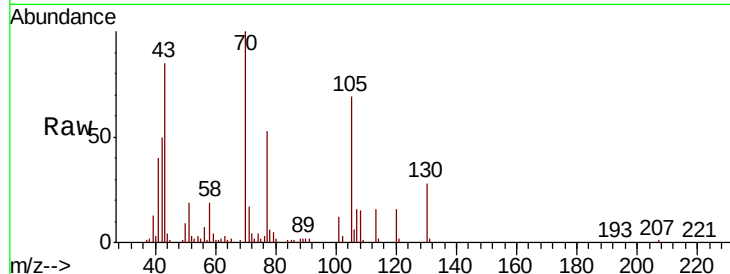
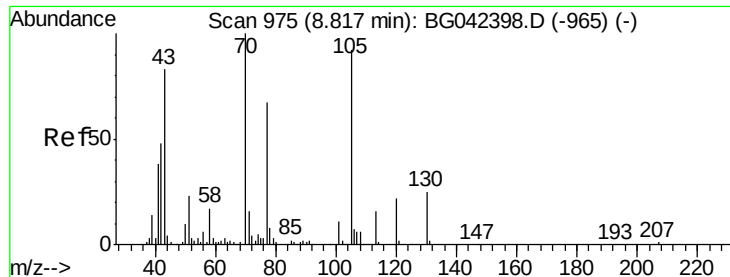
#18
Hexachloroethane
Concen: 40.588 ng
RT: 9.09 min Scan# 1022
Delta R.T. -0.00 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

Tgt Ion:117 Resp: 40310
Ion Ratio Lower Upper
117 100
119 95.9 73.8 110.8
201 140.8 108.3 162.5



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

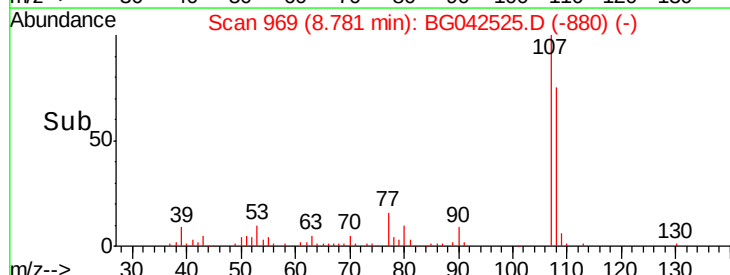
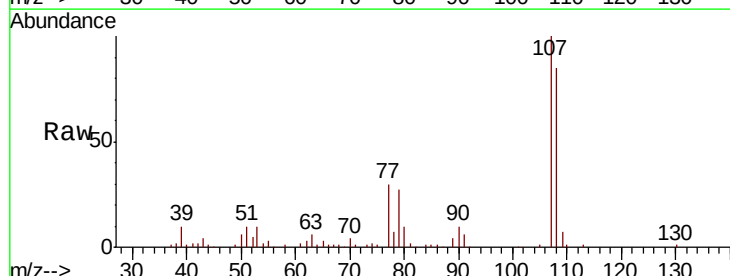
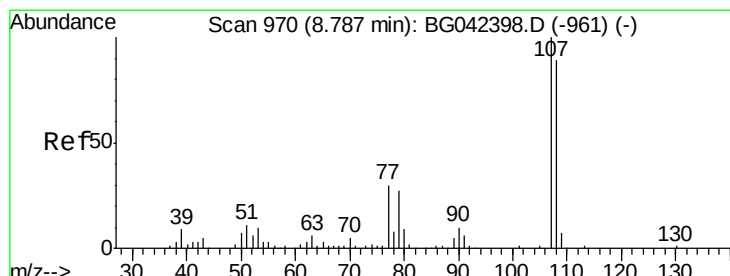
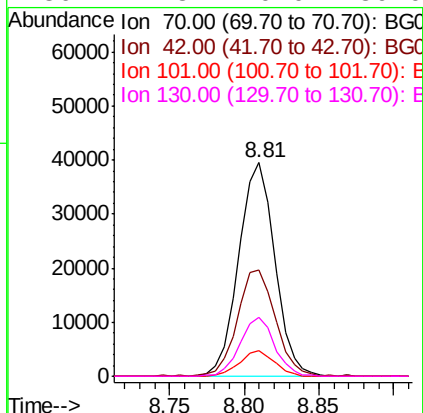




#19
n-Nitroso-di-n-propylamine
Concen: 40.805 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

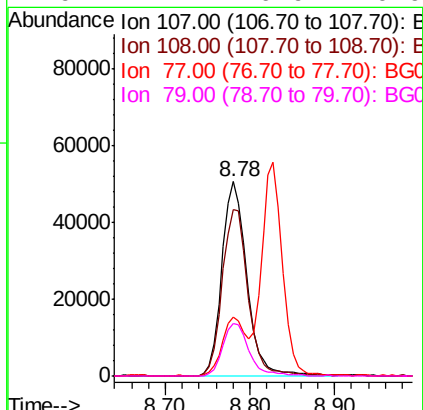
Instrument :
BNA_F
ClientSampleId :

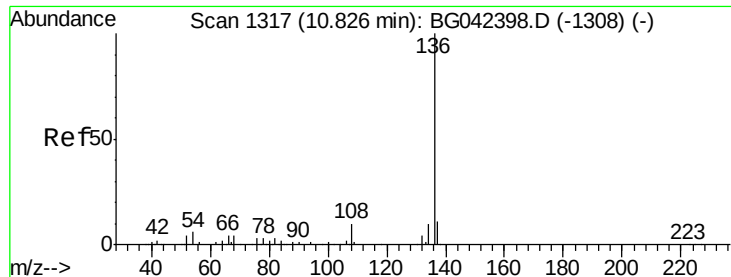
Tot Ion:	70	Resp:	66334
Ion	Ratio	Lower	Upper
70	100		
42	49.8	38.8	58.2
101	12.0	9.0	13.6
130	27.8	20.0	30.0



#20
3+4-Methylphenols
Concen: 39.912 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

Tgt Ion:	107	Resp:	103784
Ion	Ratio	Lower	Upper
107	100		
108	85.5	68.7	108.7
77	30.0	10.2	50.2
79	27.2	6.9	46.9





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:136 Resp: 157008

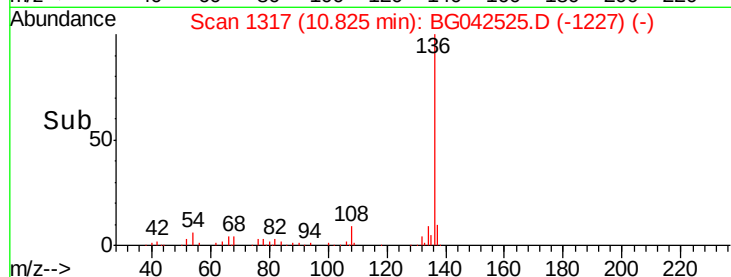
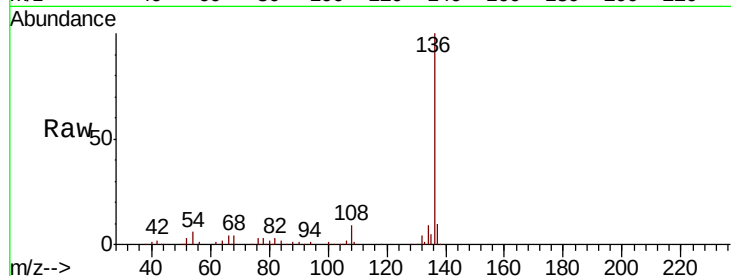
Ion Ratio Lower Upper

136 100

137 10.3 8.7 13.1

54 6.2 4.9 7.3

68 3.9 3.6 5.4

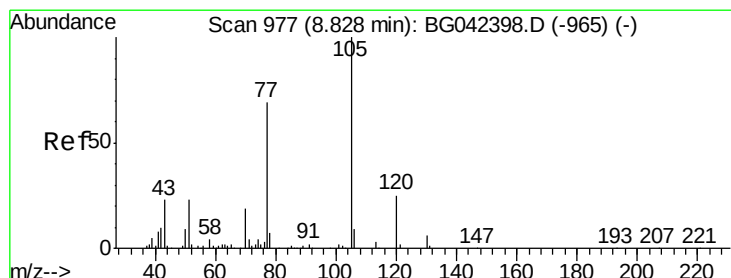
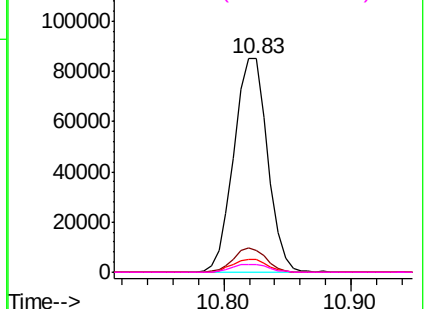


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 41.289 ng

RT: 8.83 min Scan# 977

Delta R.T. -0.00 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Tgt Ion:105 Resp: 138653

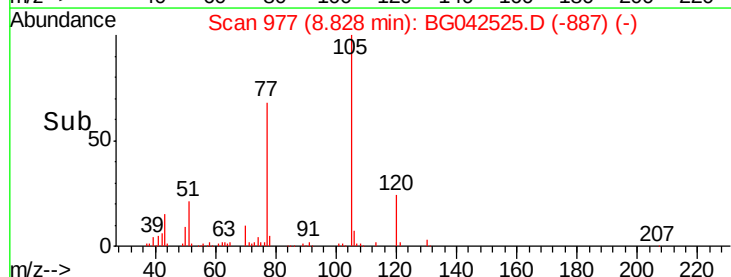
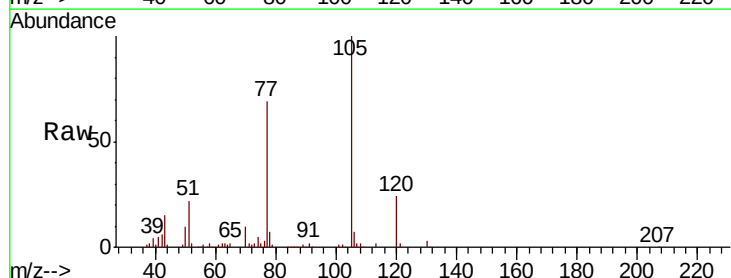
Ion Ratio Lower Upper

105 100

71 2.1 2.8 4.2#

51 21.6 18.7 28.1

120 23.7 20.1 30.1

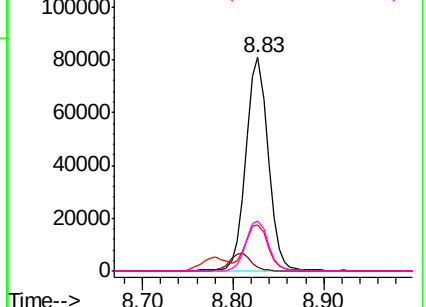


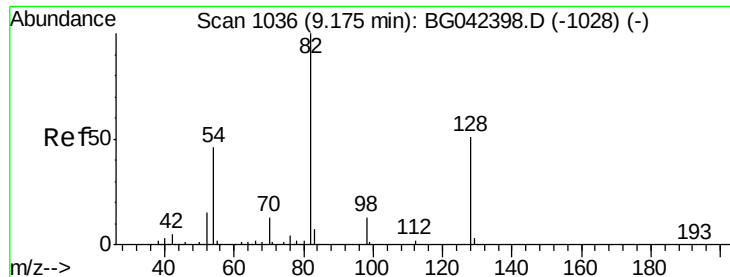
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

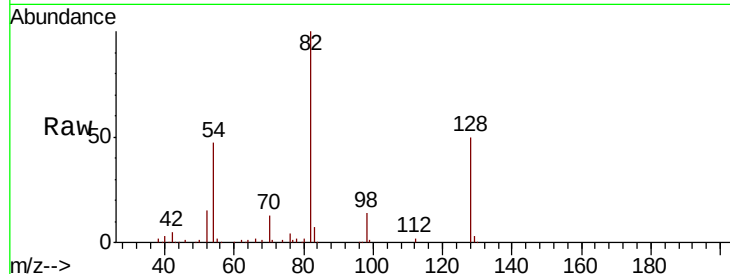




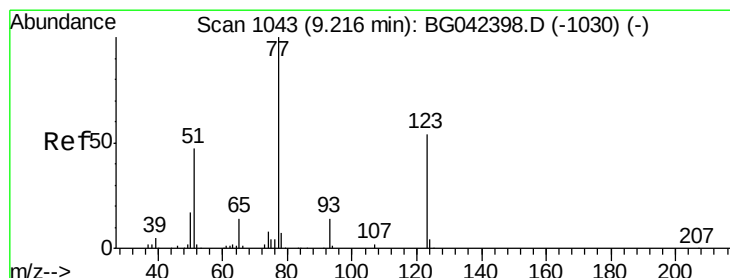
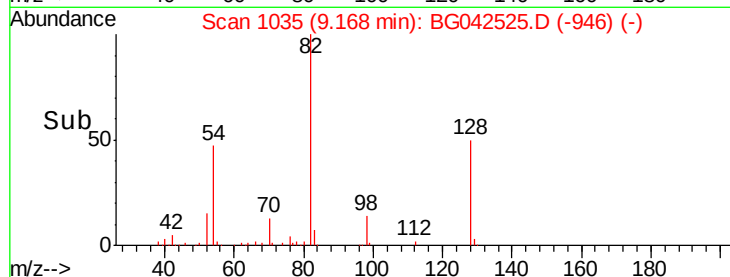
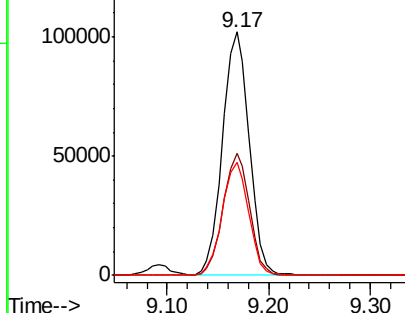
#23
 Nitrobenzene-d5
 Concen: 82.255 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	82	Resp	186888
Ion Ratio	Lower	Upper	
82	100		
128	50.0	40.7	61.1
54	46.5	36.3	54.5

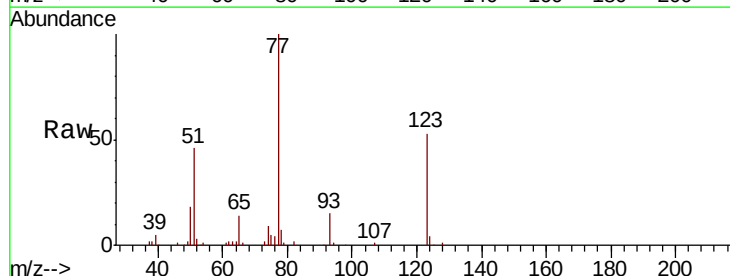


Abundance Ion 82.00 (81.70 to 82.70): BGC
 Ion 128.00 (127.70 to 128.70): BGC
 Ion 54.00 (53.70 to 54.70): BGC

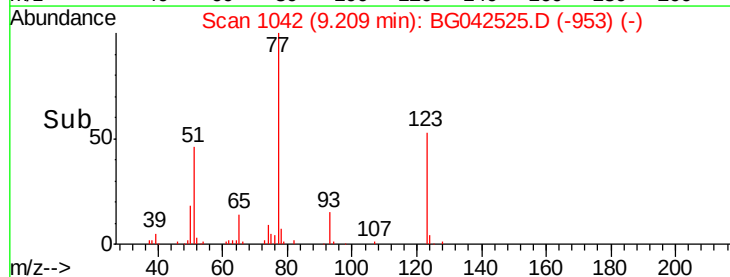
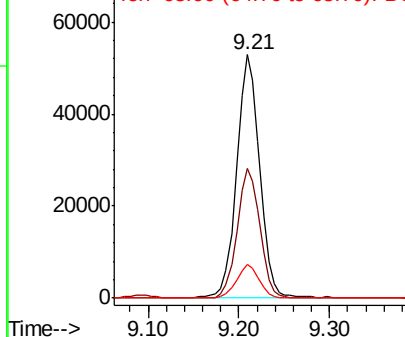


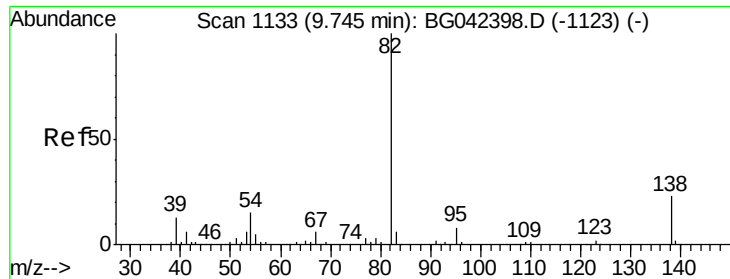
#24
 Nitrobenzene
 Concen: 40.567 ng
 RT: 9.21 min Scan# 1042
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

Tgt Ion	77	Resp	93335
Ion Ratio	Lower	Upper	
77	100		
123	53.2	43.4	65.0
65	14.0	11.0	16.6



Abundance Ion 77.00 (76.70 to 77.70): BGC
 Ion 123.00 (122.70 to 123.70): BGC
 Ion 65.00 (64.70 to 65.70): BGC





#25

Isophorone

Concen: 40.286 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Instrument :

BNA_F

ClientSampleId :

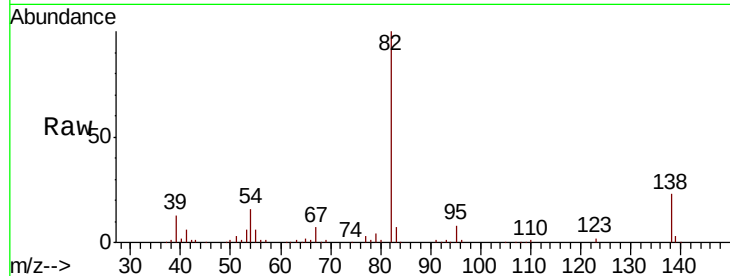
Tot Ion: 82 Resp: 180642

Ion Ratio Lower Upper

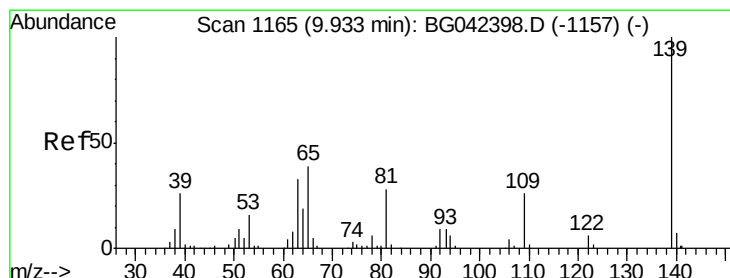
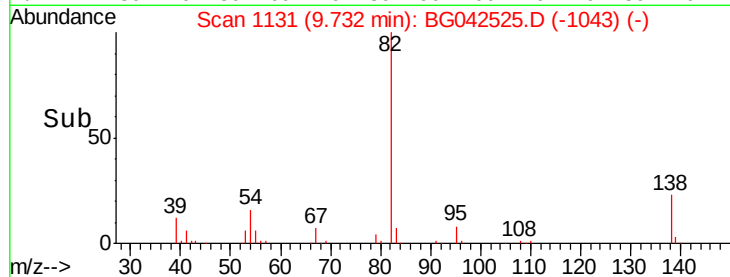
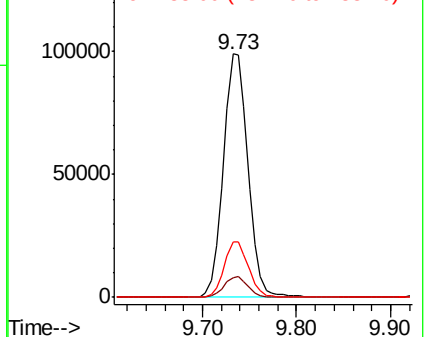
82 100

95 8.0 6.6 9.8

138 22.9 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: 41.114 ng

RT: 9.93 min Scan# 1164

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

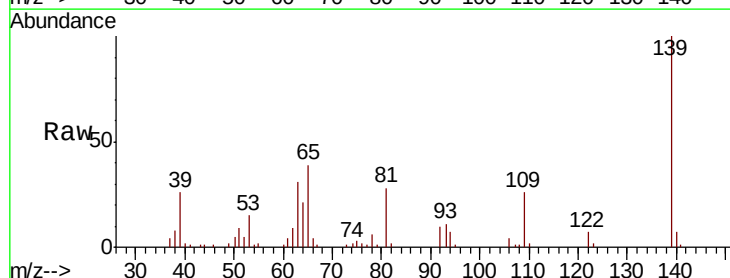
Tgt Ion: 139 Resp: 59279

Ion Ratio Lower Upper

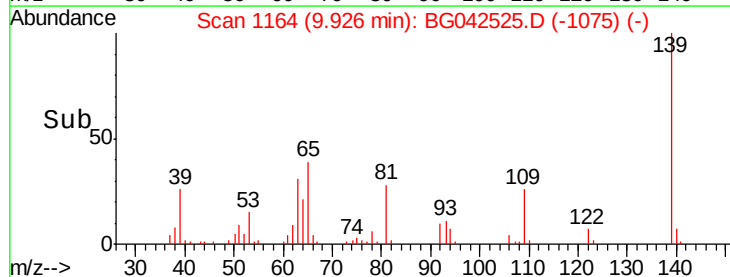
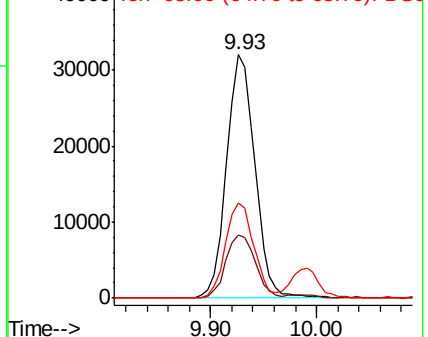
139 100

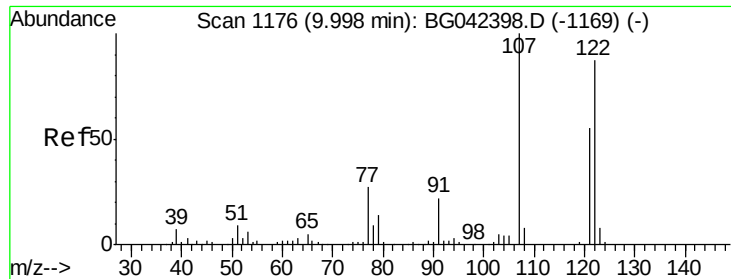
109 25.8 20.5 30.7

65 39.0 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

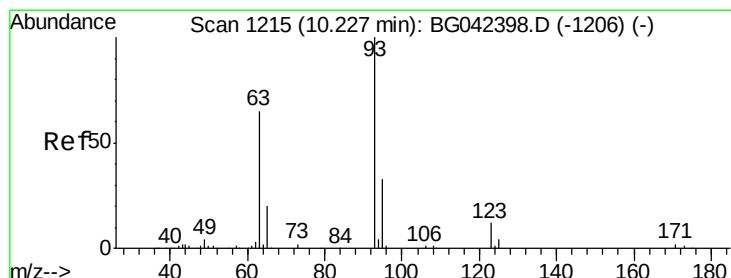
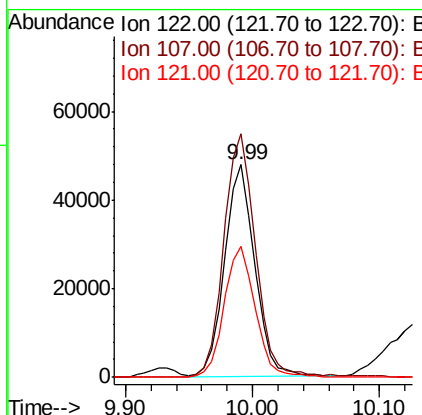
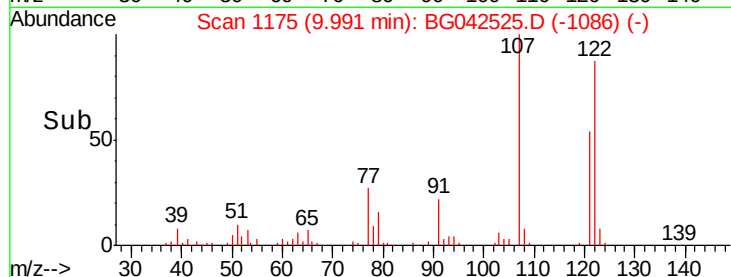
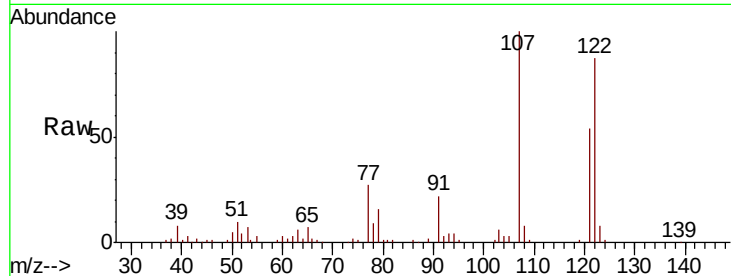




#27
 2,4-Dimethylphenol
 Concen: 39.619 ng
 RT: 9.99 min Scan# 1175
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

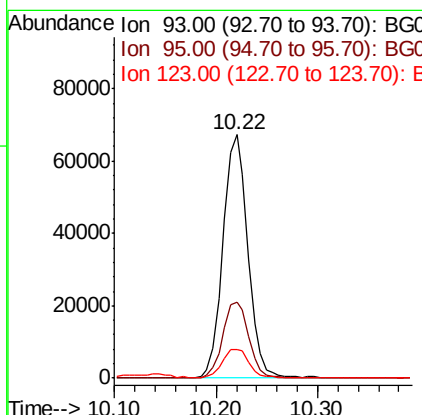
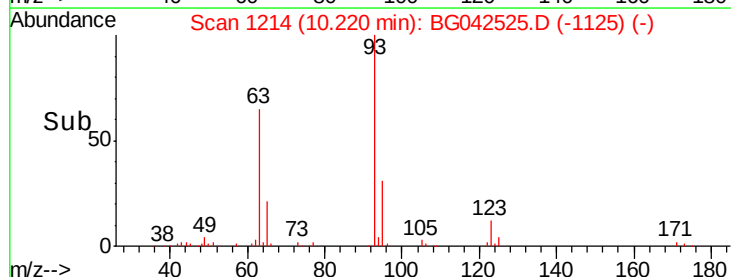
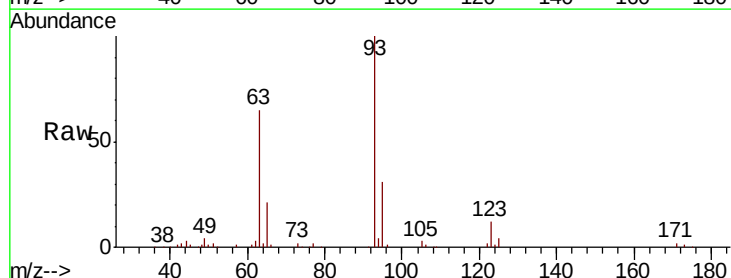
Instrument :
 BNA_F
 ClientSampleId :

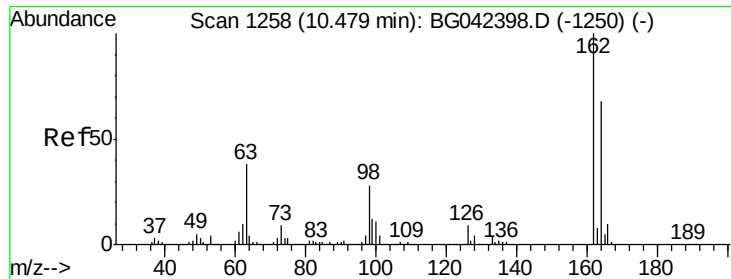
Tot Ion:122 Resp: 78687
 Ion Ratio Lower Upper
 122 100
 107 114.5 90.8 136.2
 121 61.5 49.6 74.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 40.589 ng
 RT: 10.22 min Scan# 1214
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

Tgt Ion: 93 Resp: 114709
 Ion Ratio Lower Upper
 93 100
 95 31.3 26.6 40.0
 123 11.8 10.1 15.1

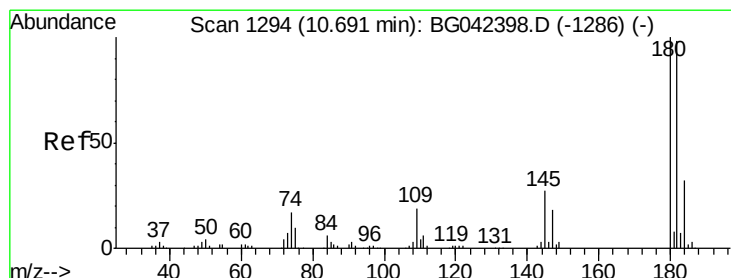
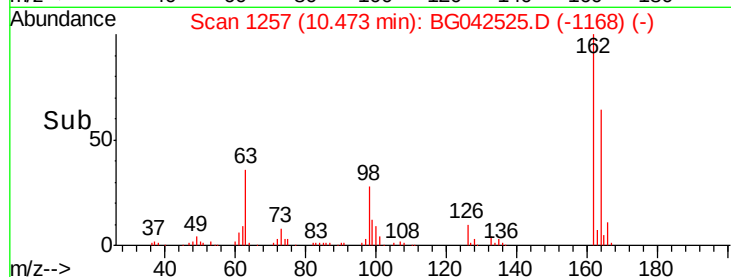
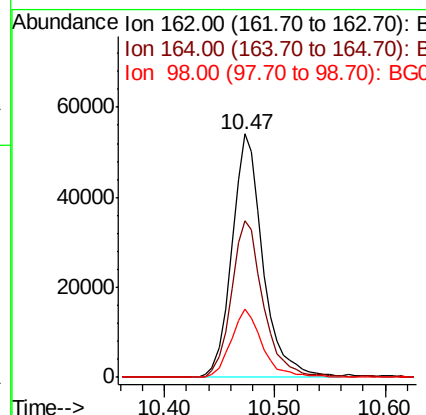
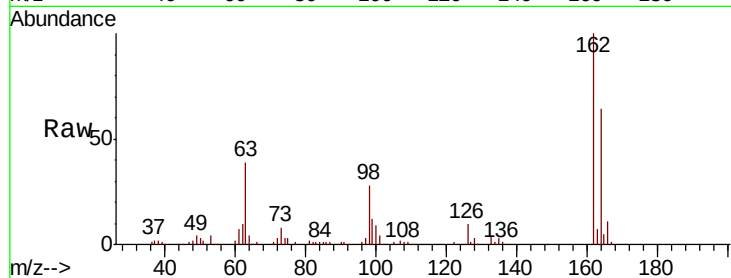




#29
 2,4-Dichlorophenol
 Concen: 40.875 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

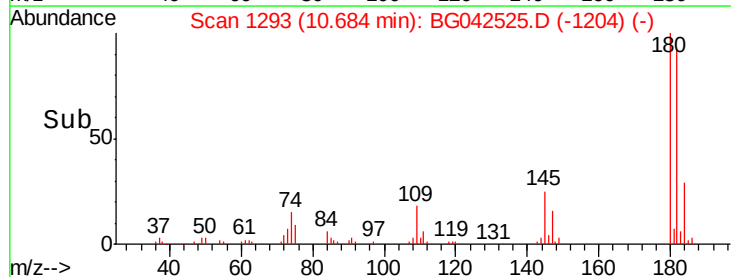
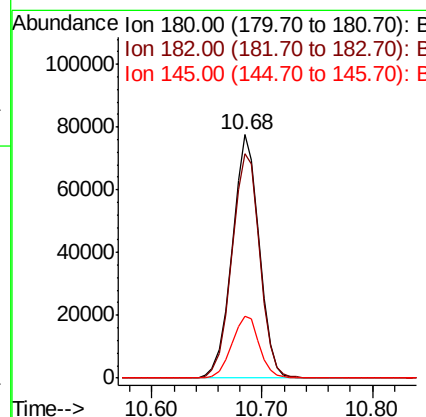
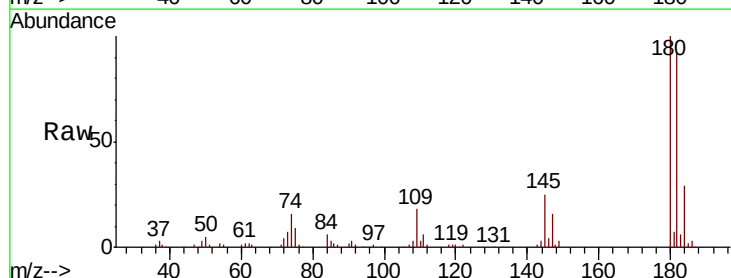
Instrument :
 BNA_F
 ClientSampleId :

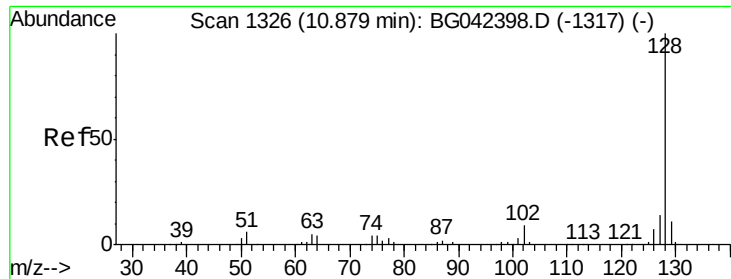
Tot Ion	Ratio	Lower	Upper
162	100		
164	64.4	48.1	88.1
98	28.2	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 41.621 ng
 RT: 10.68 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

Tgt Ion	Ratio	Lower	Upper
180	100		
182	92.0	78.7	118.1
145	25.5	21.6	32.4

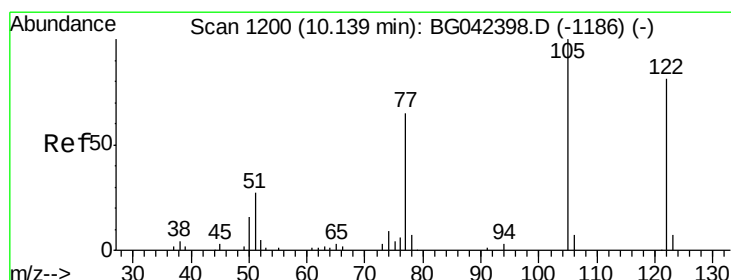
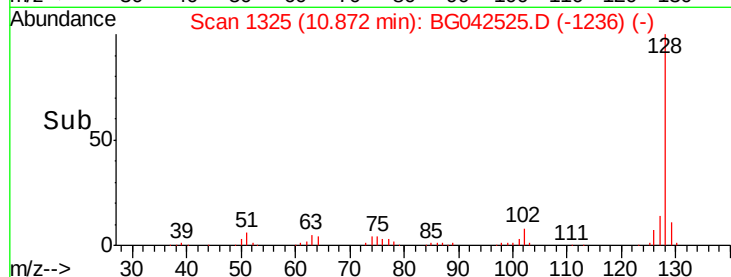
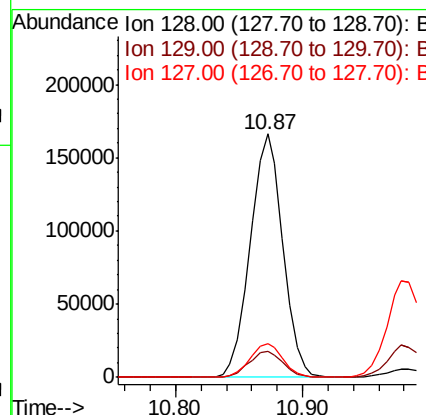
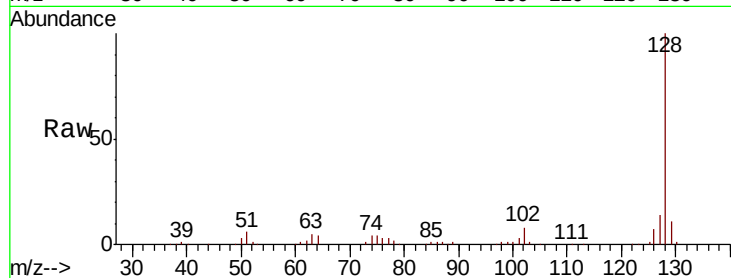




#31
Naphthalene
Concen: 40.605 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

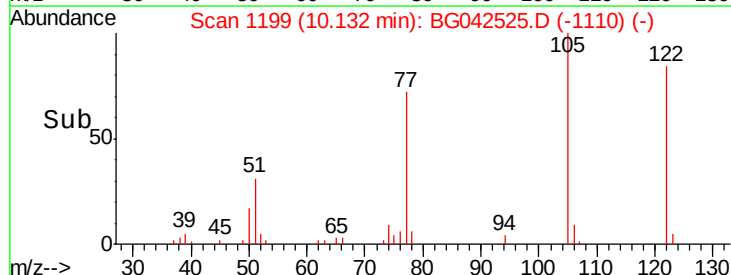
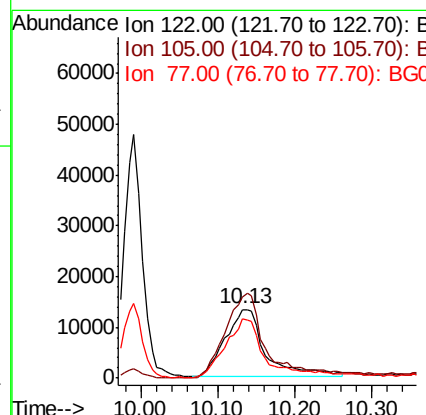
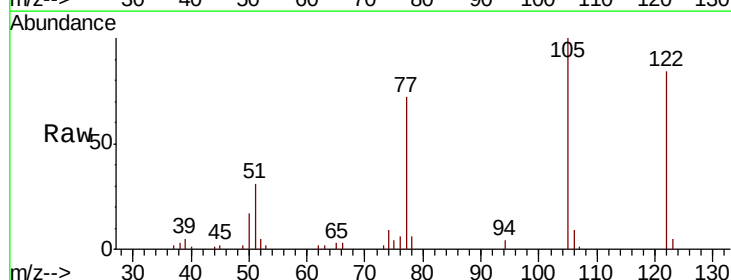
Instrument :
BNA_F
ClientSampleId :

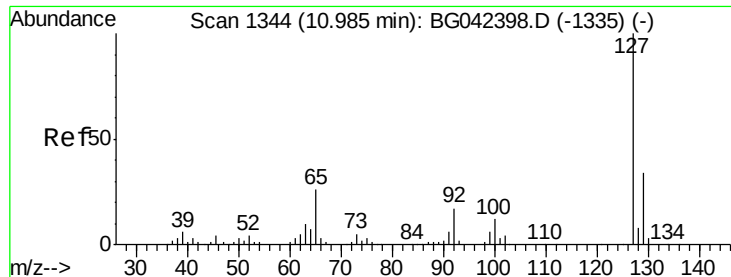
Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.8	13.2
127	13.9	11.4	17.0



#32
Benzoic acid
Concen: 35.825 ng
RT: 10.13 min Scan# 1199
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

Tgt Ion	Ratio	Lower	Upper
122	100		
105	119.3	99.6	139.6
77	86.1	59.5	99.5

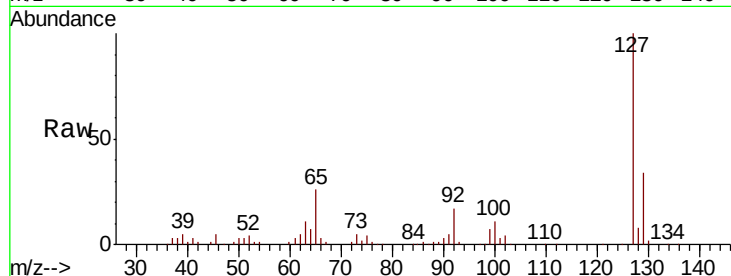




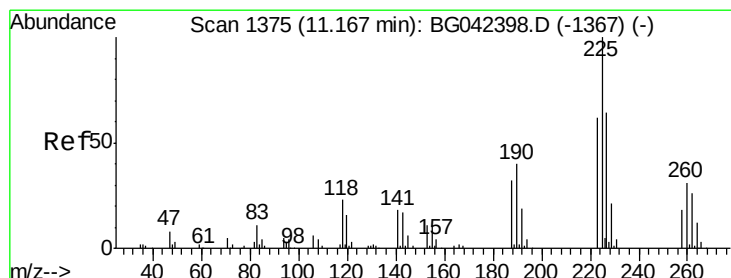
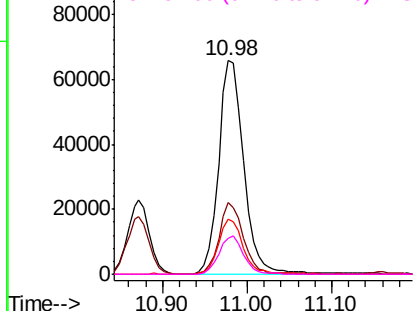
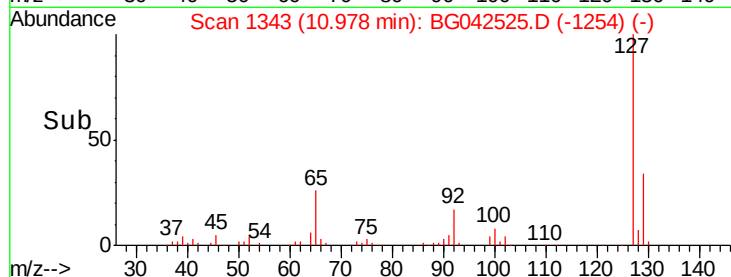
#33
4-Chloroaniline
Concen: 40.527 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

Instrument :
BNA_F
ClientSampled :

Tot Ion:	127	Resp:	136375
Ion	Ratio	Lower	Upper
127	100		
129	33.8	26.8	40.2
65	26.0	20.7	31.1
92	16.8	13.6	20.4

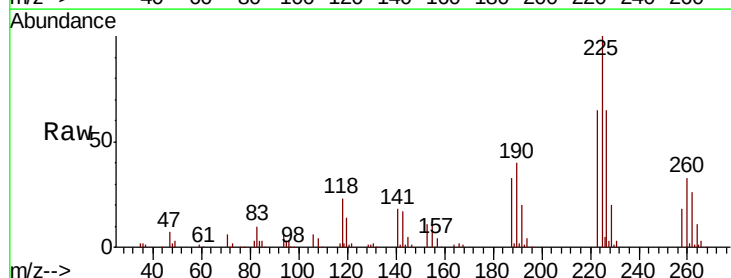


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

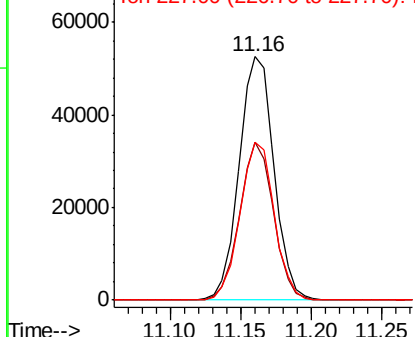
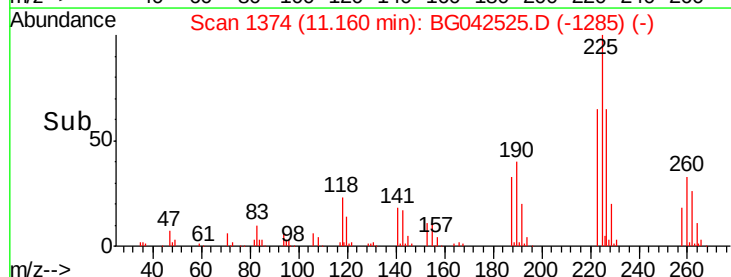


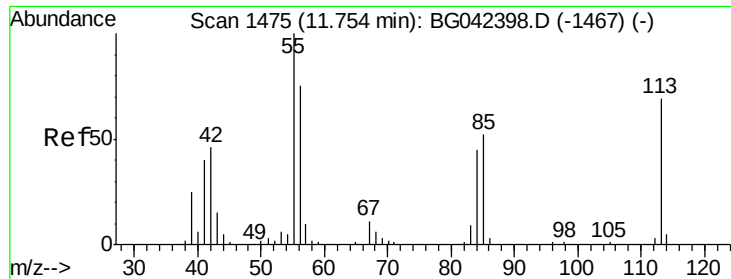
#34
Hexachlorobutadiene
Concen: 42.266 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

Tgt Ion:	225	Resp:	90601
Ion	Ratio	Lower	Upper
225	100		
223	64.9	49.8	74.6
227	64.7	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: 38.371 ng

RT: 11.75 min Scan# 1475

Delta R.T. -0.00 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Instrument :

BNA_F

ClientSampleId :

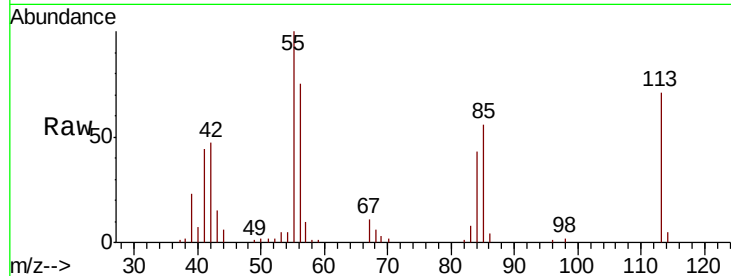
Tot Ion:113 Resp: 33270

Ion Ratio Lower Upper

113 100

55 140.1 124.6 164.6

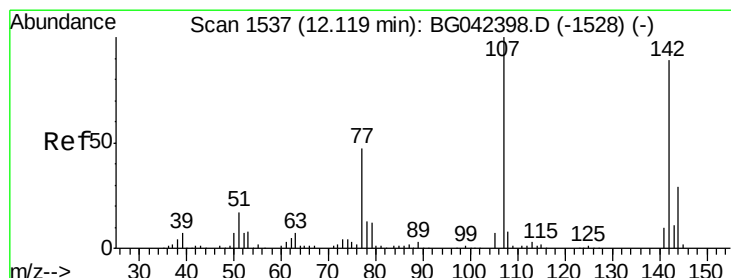
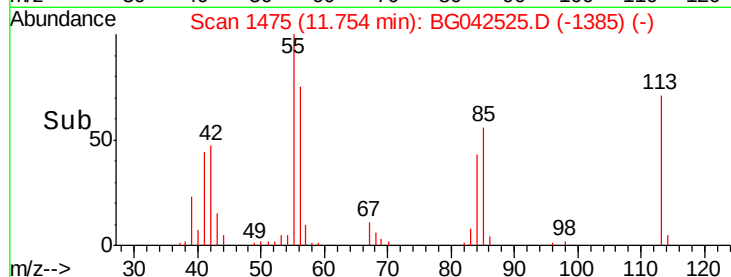
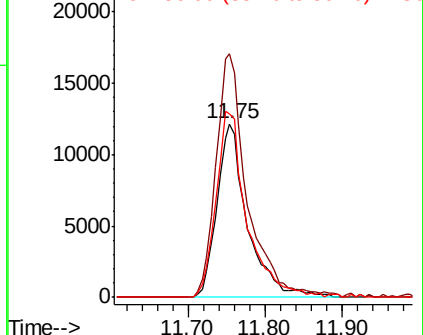
56 105.6 88.3 128.3



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 40.915 ng

RT: 12.11 min Scan# 1536

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

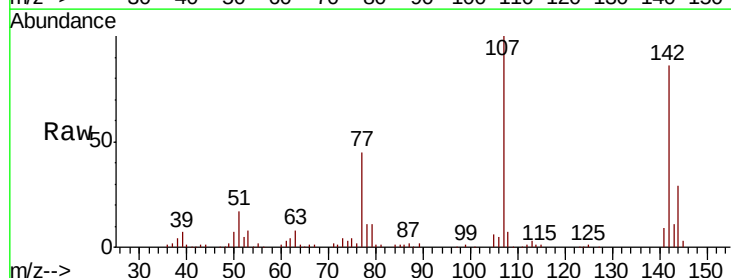
Tgt Ion:107 Resp: 100927

Ion Ratio Lower Upper

107 100

144 28.7 23.6 35.4

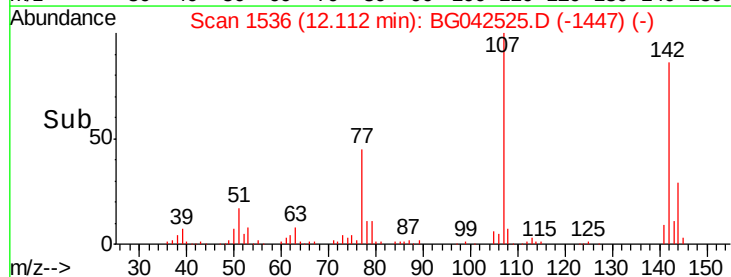
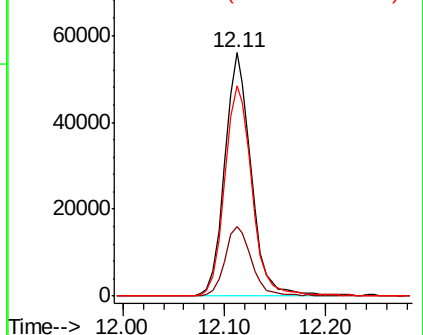
142 86.5 71.0 106.4

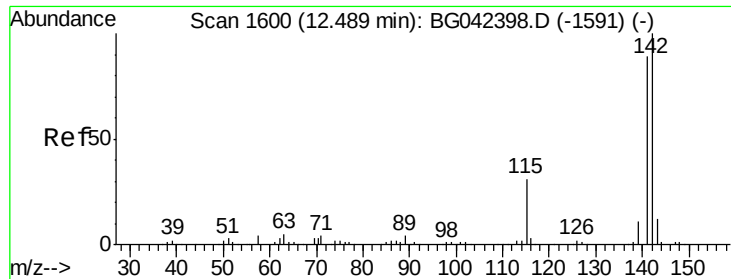


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

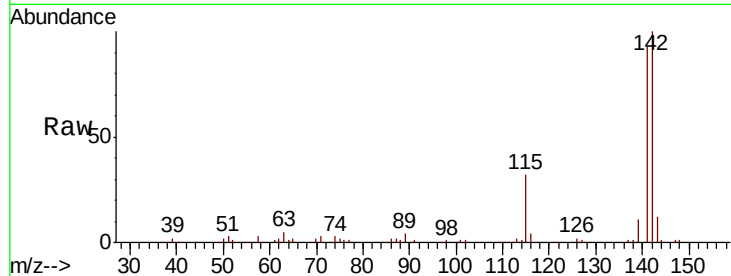




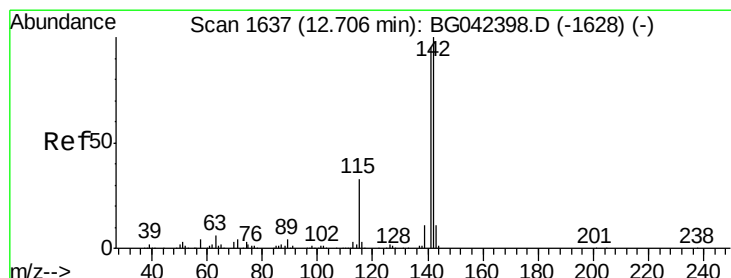
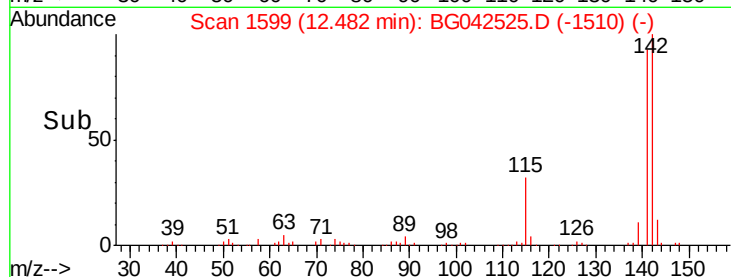
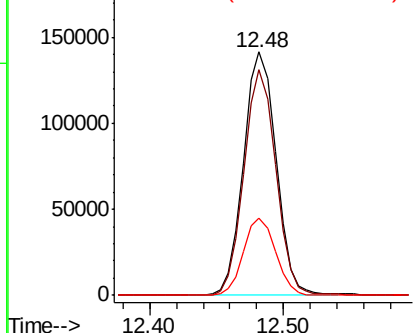
#37
 2-Methylnaphthalene
 Concen: 40.753 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.9	71.4	107.2
115	31.7	25.2	37.8

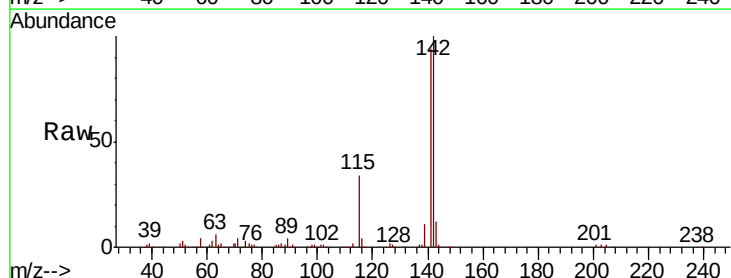


Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 115.00 (114.70 to 115.70): E

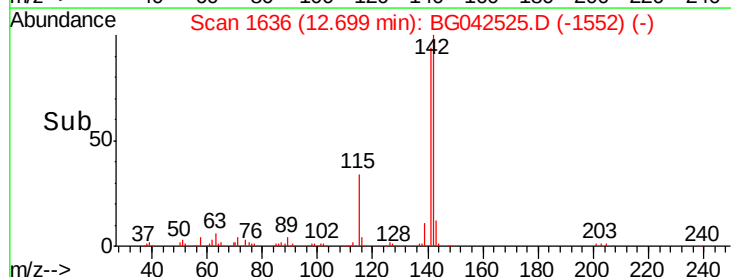
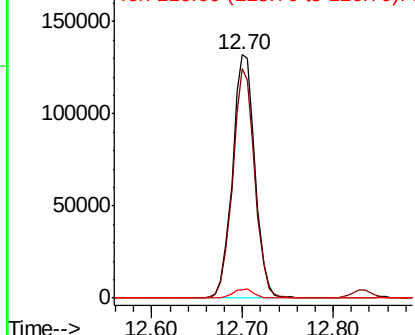


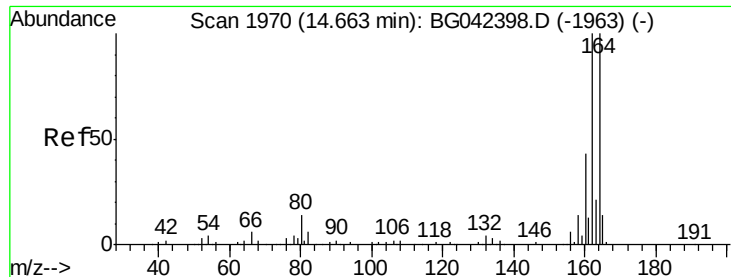
#38
 1-Methylnaphthalene
 Concen: 41.027 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	76.2	114.2
116	3.6	2.8	4.2



Abundance Ion 142.00 (141.70 to 142.70): E
 Ion 141.00 (140.70 to 141.70): E
 Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.66 min Scan# 1970

Delta R.T. -0.00 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Instrument :

BNA_F

ClientSampleId :

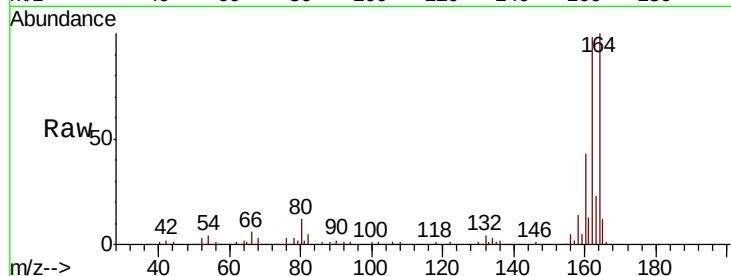
Tot Ion:164 Resp: 116187

Ion Ratio Lower Upper

164 100

162 98.1 79.9 119.9

160 42.9 34.3 51.5

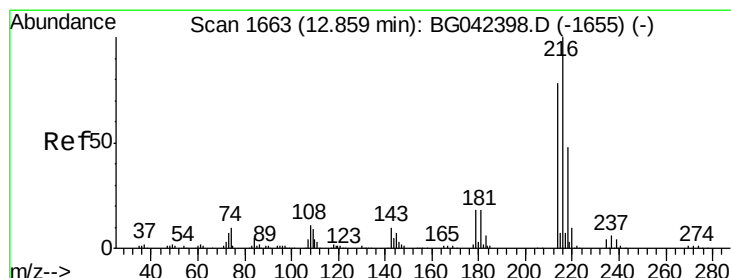
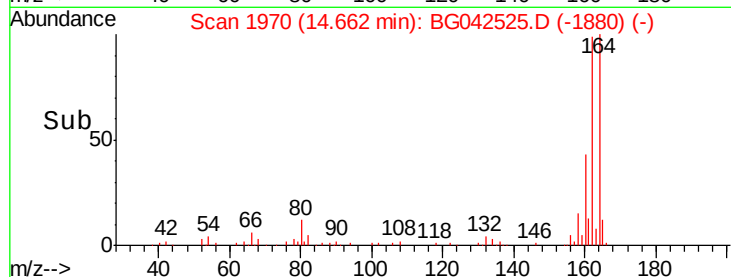
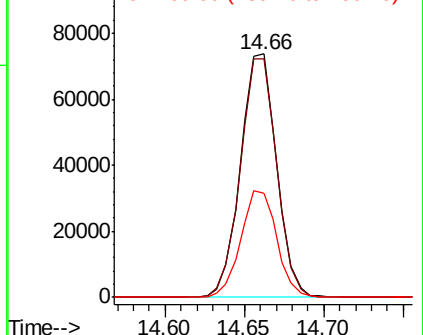


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 42.560 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Tgt Ion:216 Resp: 158798

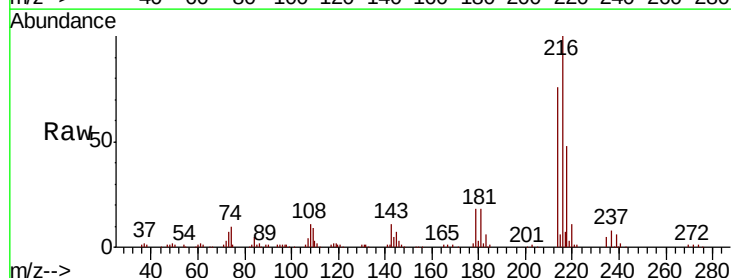
Ion Ratio Lower Upper

216 100

214 77.0 61.4 92.2

179 18.9 15.1 22.7

108 11.6 9.4 14.0



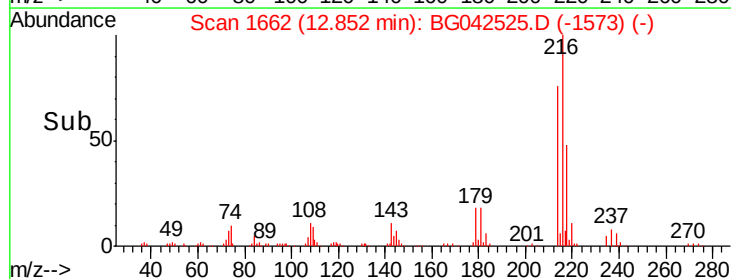
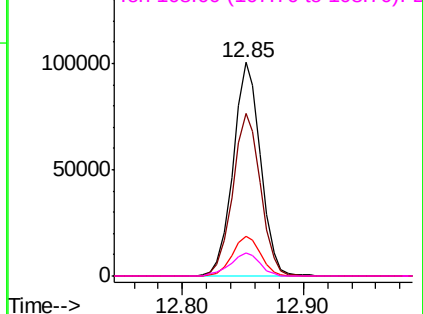
Abundance

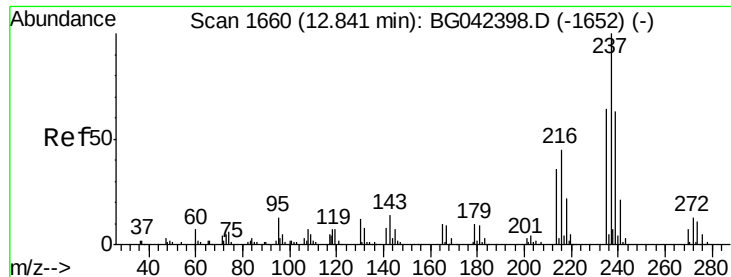
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E

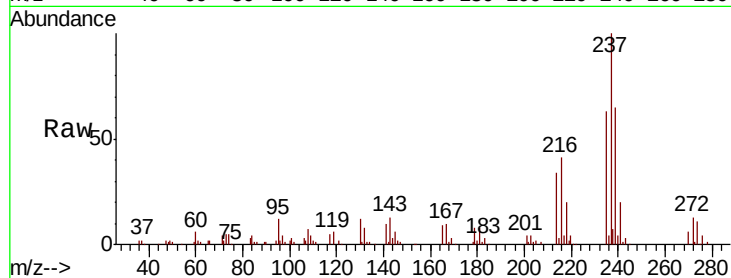




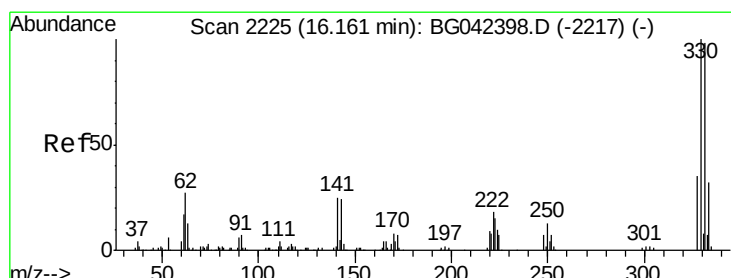
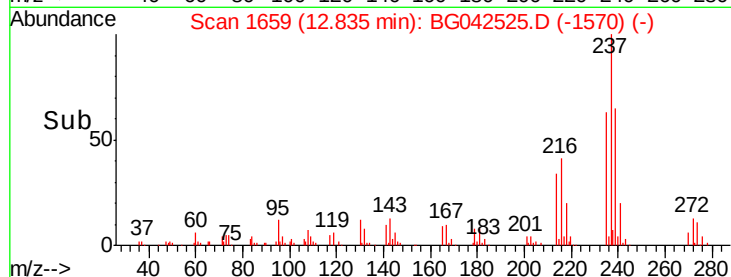
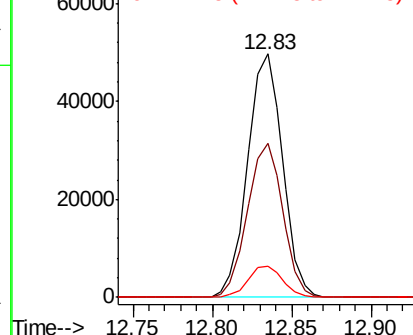
#41
Hexachlorocyclopentadiene
Concen: 38.902 ng
RT: 12.83 min Scan# 1659
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 76245
Ion Ratio Lower Upper
237 100
235 63.3 43.7 83.7
272 12.7 0.0 33.3

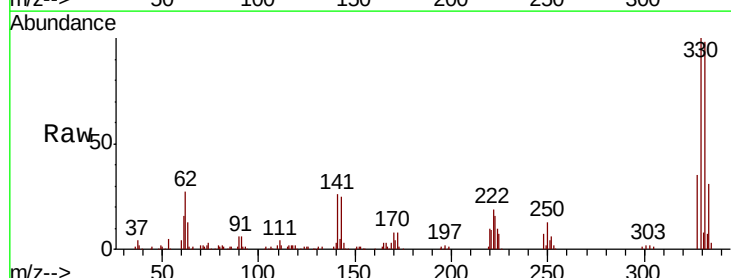


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

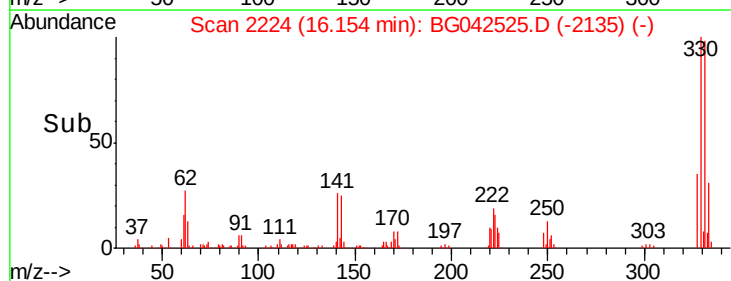
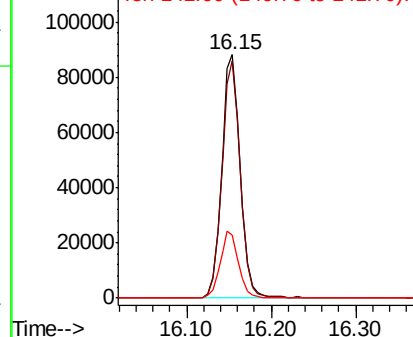


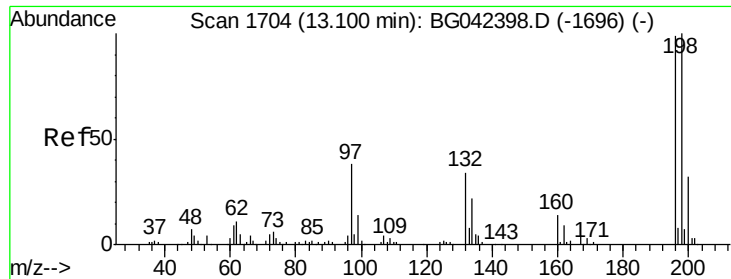
#42
2,4,6-Tribromophenol
Concen: 81.799 ng
RT: 16.15 min Scan# 2224
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

Tgt Ion:330 Resp: 135084
Ion Ratio Lower Upper
330 100
332 96.3 77.4 116.0
141 27.1 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

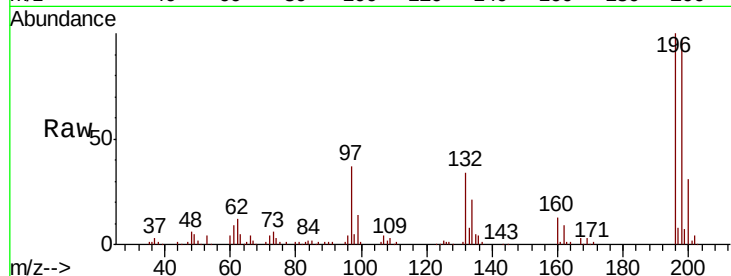




#43
 2,4,6-Trichlorophenol
 Concen: 41.238 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	104003
Ion Ratio	Lower	Upper	
196	100		
198	97.0	80.7	121.1
200	31.3	25.7	38.5

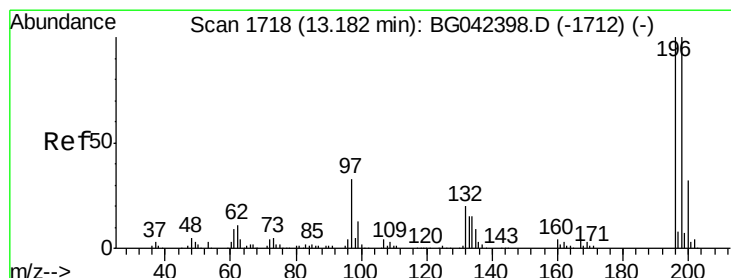
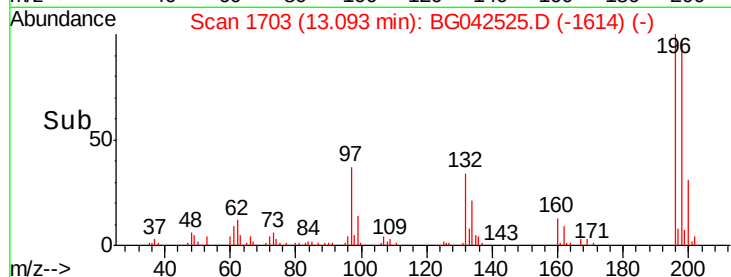
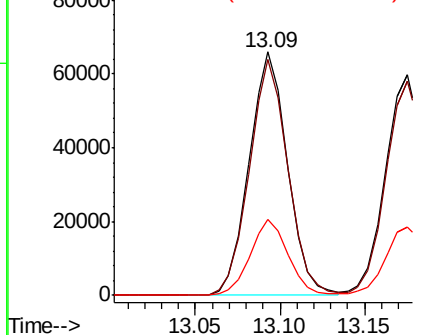


Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E



#44
 2,4,5-Trichlorophenol
 Concen: 41.876 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

Tgt Ion	196	Resp	109445
Ion Ratio	Lower	Upper	
196	100		
198	97.3	80.2	120.4
97	32.0	26.3	39.5
132	21.4	16.6	24.8

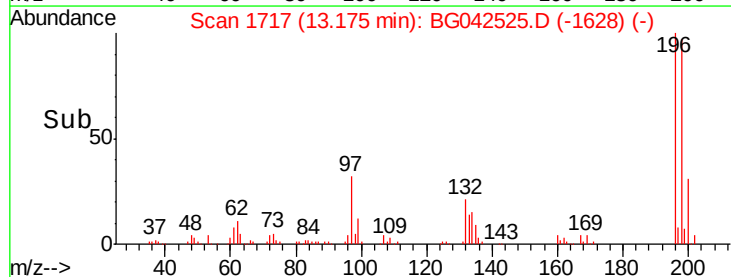
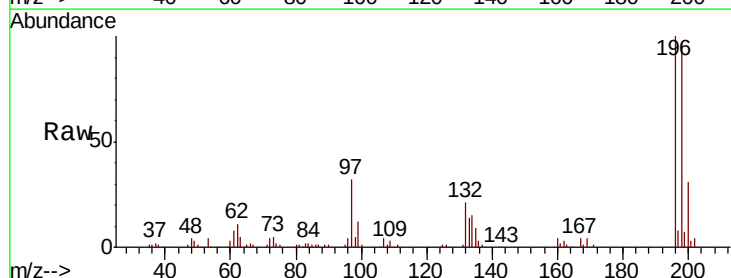
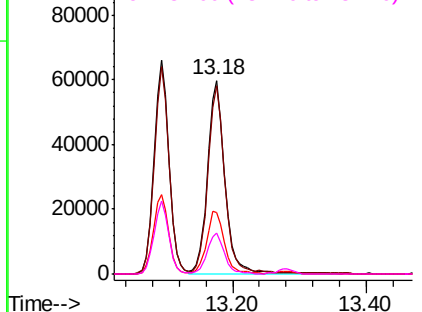
Abundance

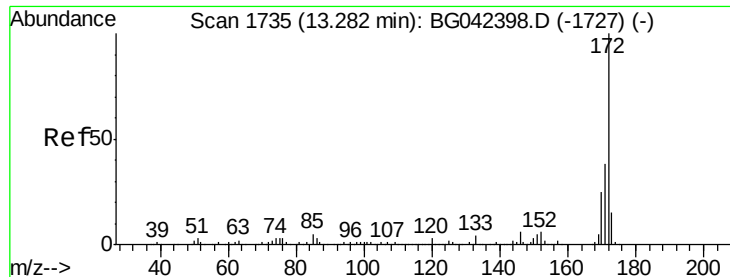
Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 97.00 (96.70 to 97.70): BGC

Ion 132.00 (131.70 to 132.70): E

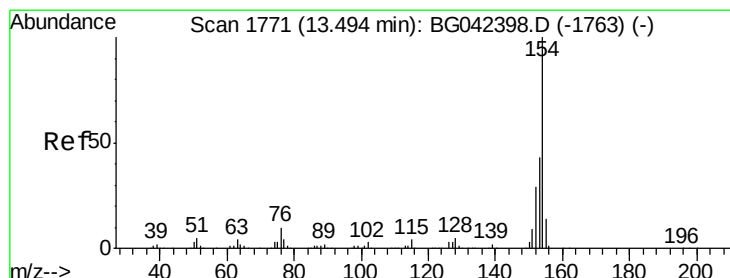
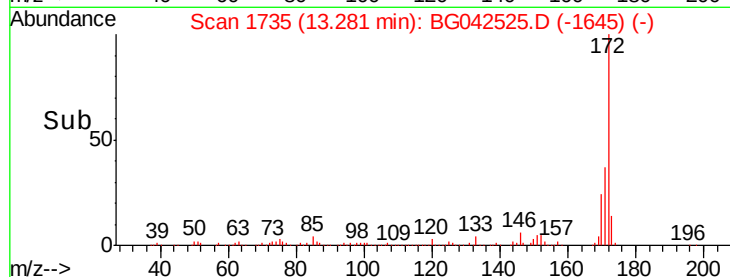
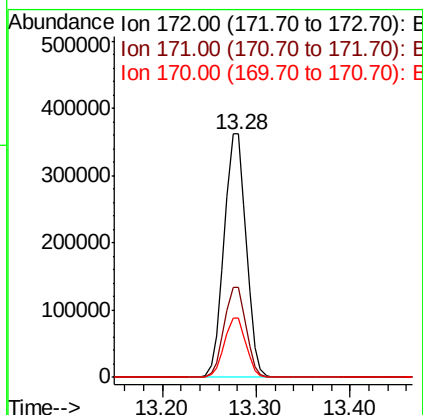
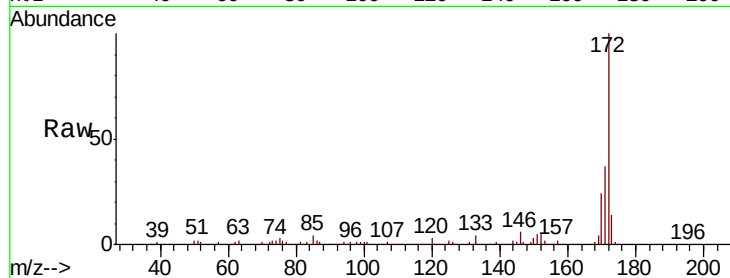




#45
2-Fluorobiphenyl
Concen: 86.498 ng
RT: 13.28 min Scan# 1735
Delta R.T. -0.00 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

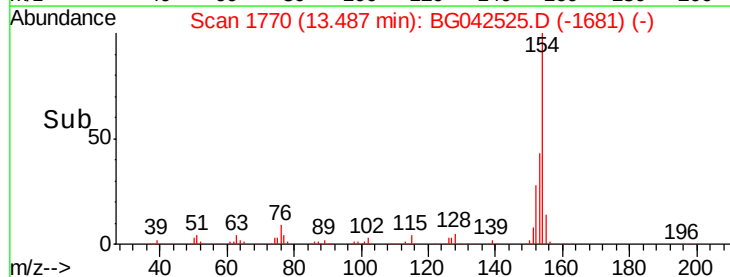
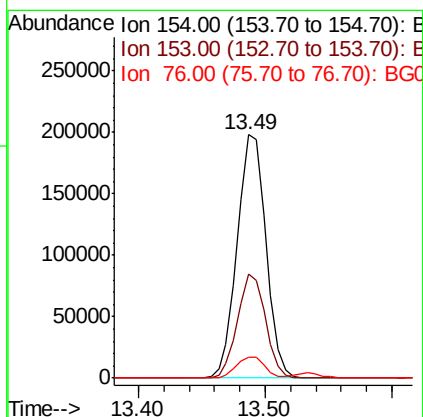
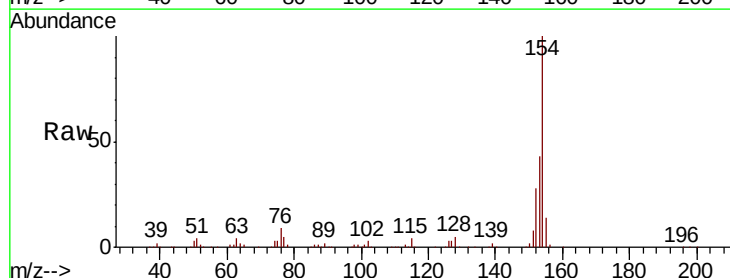
Instrument :
BNA_F
ClientSampled :

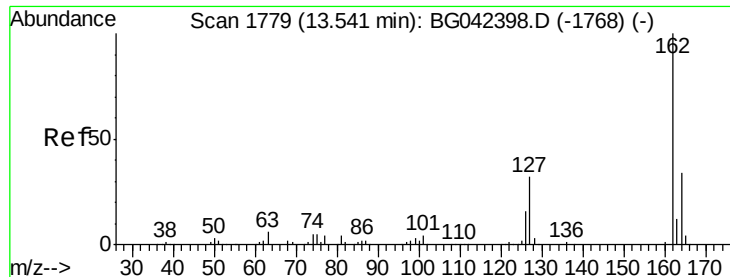
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.9	30.5	45.7
170	24.3	20.2	30.2



#46
1,1'-Biphenyl
Concen: 41.352 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.7	23.0	63.0
76	8.8	0.0	29.6

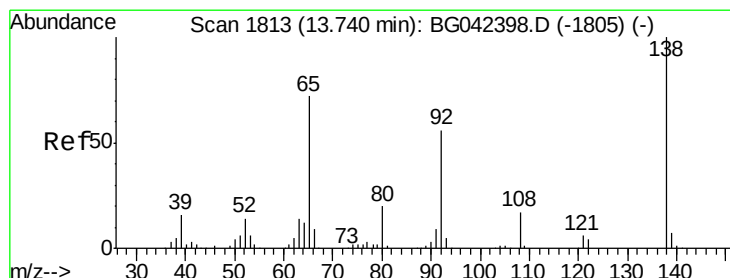
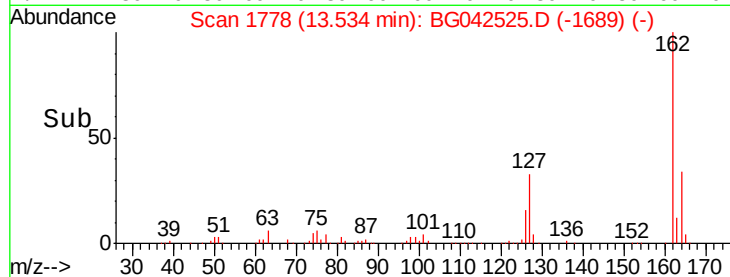
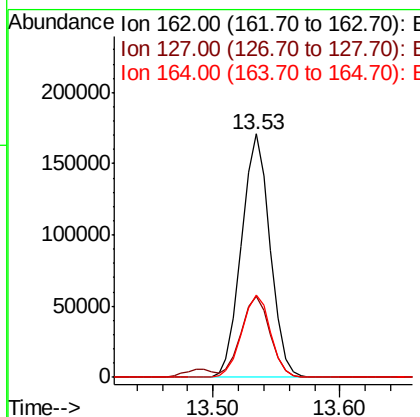
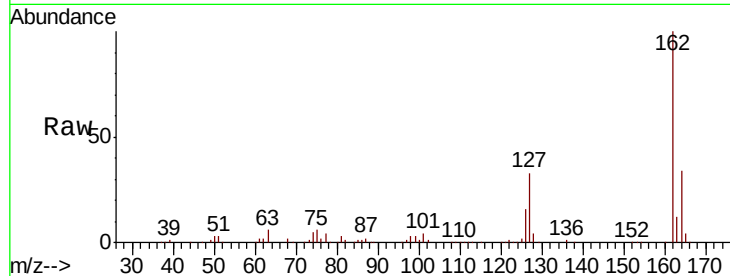




#47
 2-Chloronaphthalene
 Concen: 41.297 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

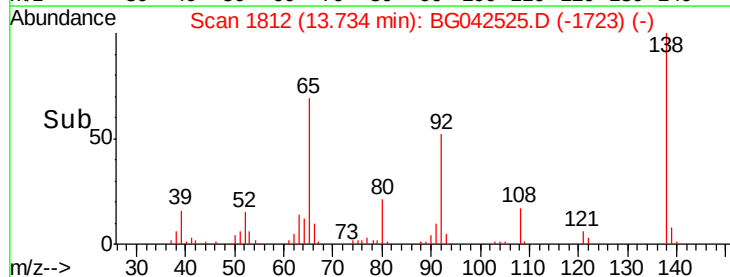
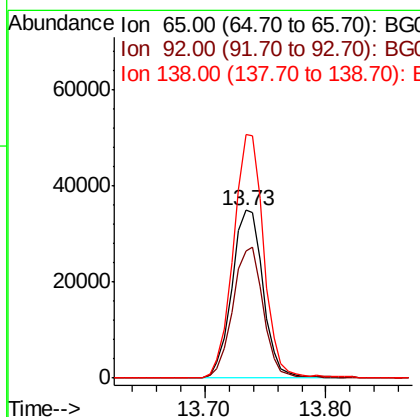
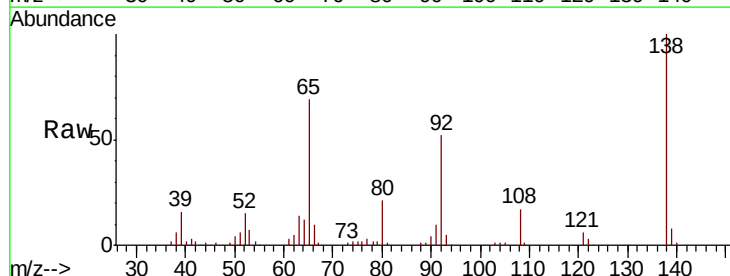
Instrument :
 BNA_F
 ClientSampleId :

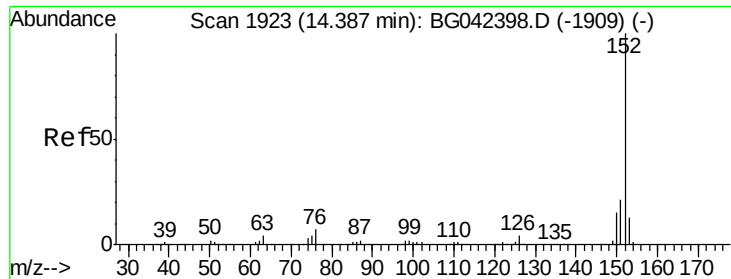
Tot Ion:162 Resp: 267438
 Ion Ratio Lower Upper
 162 100
 127 33.2 26.0 39.0
 164 33.8 27.4 41.0



#48
 2-Nitroaniline
 Concen: 40.367 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

Tgt Ion: 65 Resp: 63038
 Ion Ratio Lower Upper
 65 100
 92 75.7 61.8 92.6
 138 145.2 111.0 166.6





#49

Acenaphthylene

Concen: 41.604 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Instrument :

BNA_F

ClientSampleId :

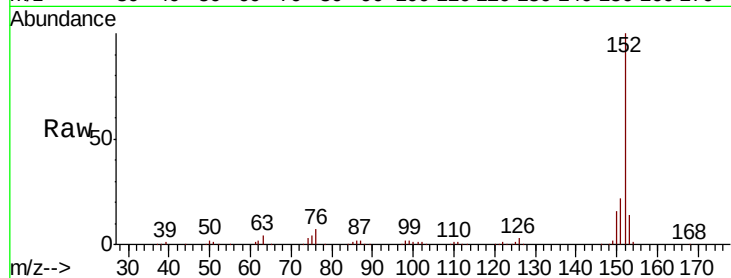
Tot Ion:152 Resp: 405345

Ion Ratio Lower Upper

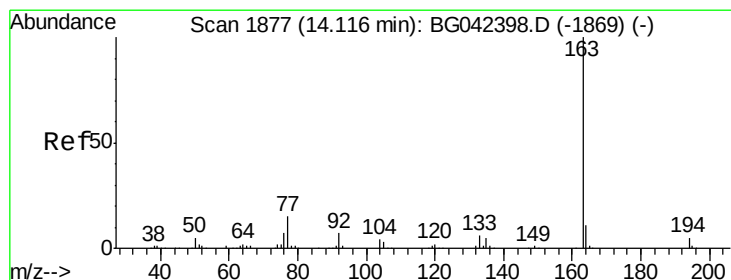
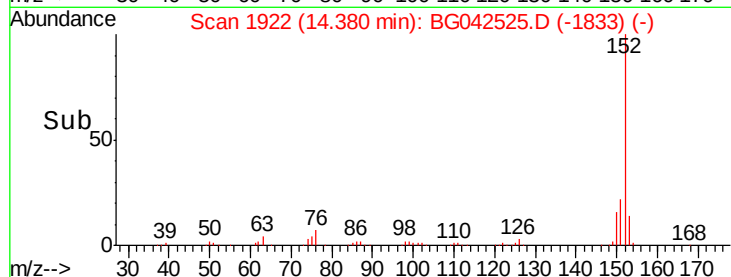
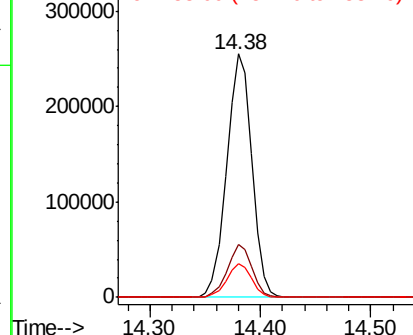
152 100

151 21.7 17.0 25.4

153 13.6 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: 41.675 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

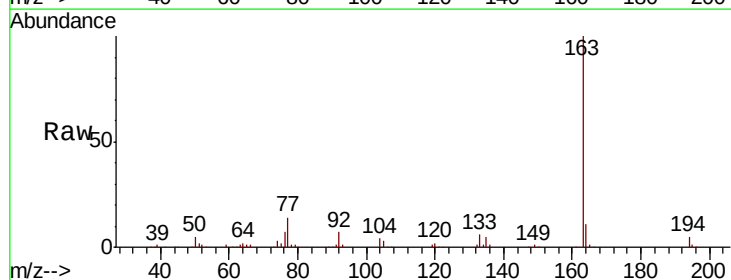
Tgt Ion:163 Resp: 349379

Ion Ratio Lower Upper

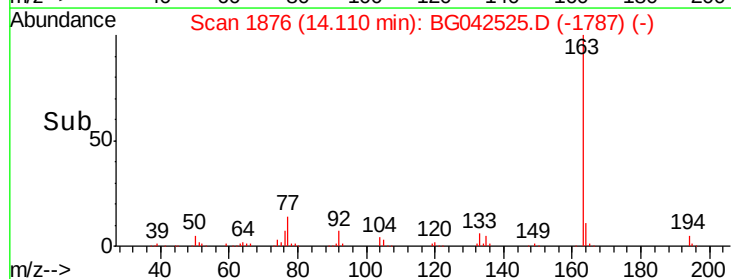
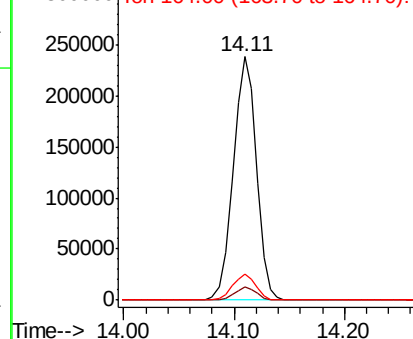
163 100

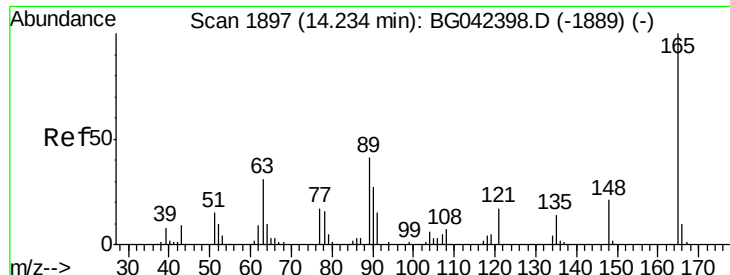
194 5.2 4.2 6.2

164 10.8 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

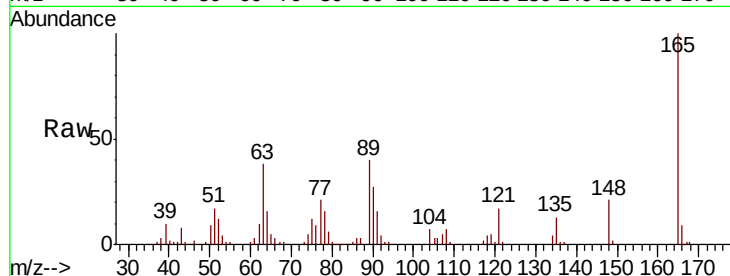




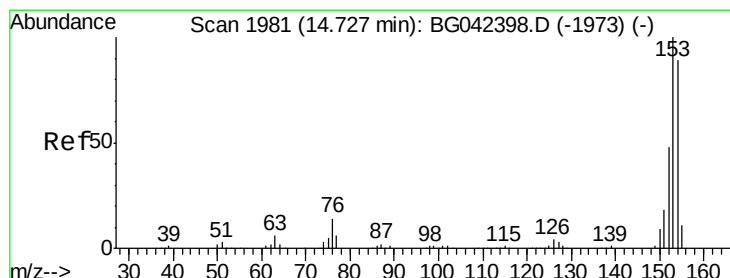
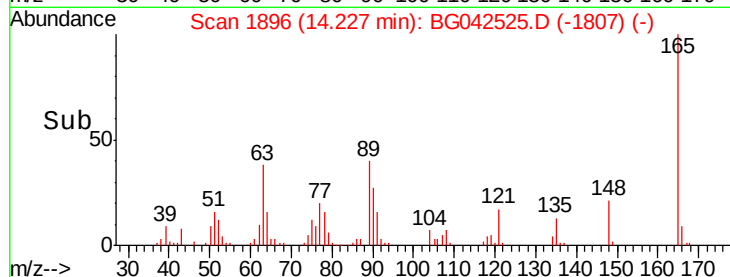
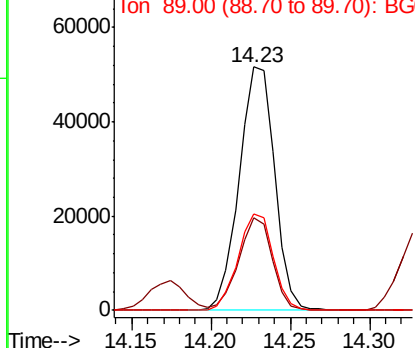
#51
 2,6-Dinitrotoluene
 Concen: 41.190 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	38.0	30.6	45.8
89	39.7	32.6	49.0

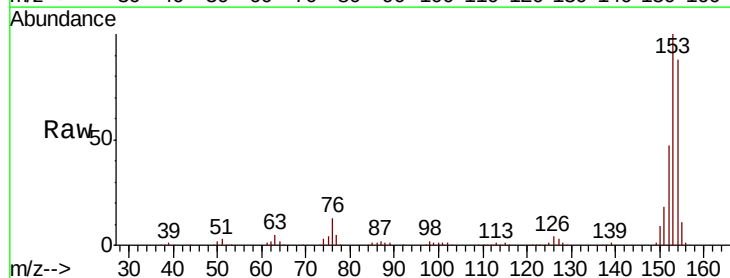


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

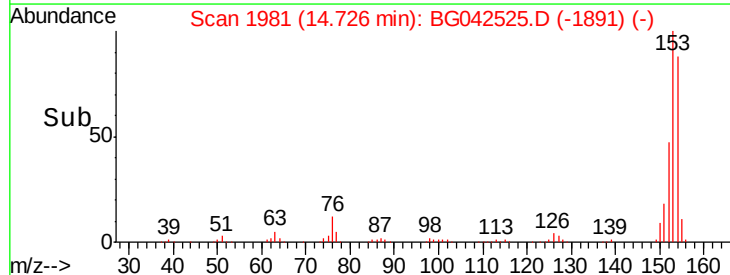
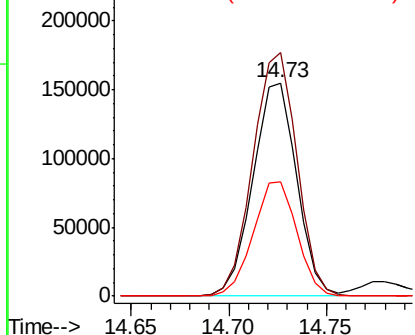


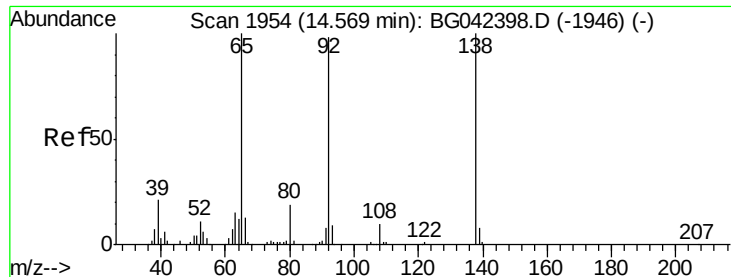
#52
 Acenaphthene
 Concen: 40.654 ng
 RT: 14.73 min Scan# 1981
 Delta R.T. -0.00 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.2	90.2	135.4
152	53.7	43.2	64.8



Abundance Ion 154.00 (153.70 to 154.70): E
 Ion 153.00 (152.70 to 153.70): E
 Ion 152.00 (151.70 to 152.70): E





#53

3-Nitroaniline

Concen: 40.031 ng

RT: 14.56 min Scan# 1953

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Instrument :

BNA_F

ClientSampleId :

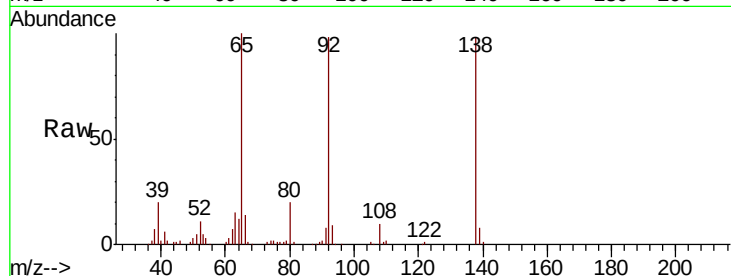
Tot Ion:138 Resp: 77796

Ion Ratio Lower Upper

138 100

108 9.9 8.3 12.5

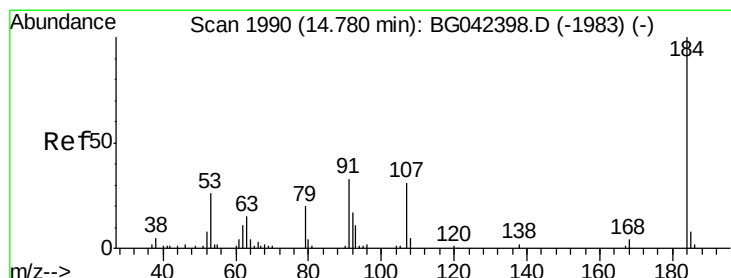
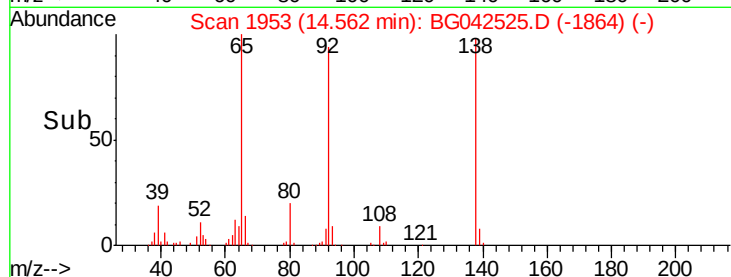
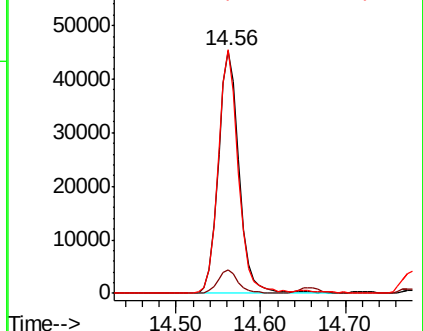
92 100.2 78.2 117.4



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): BGC



#54

2,4-Dinitrophenol

Concen: 35.034 ng

RT: 14.78 min Scan# 1990

Delta R.T. -0.00 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

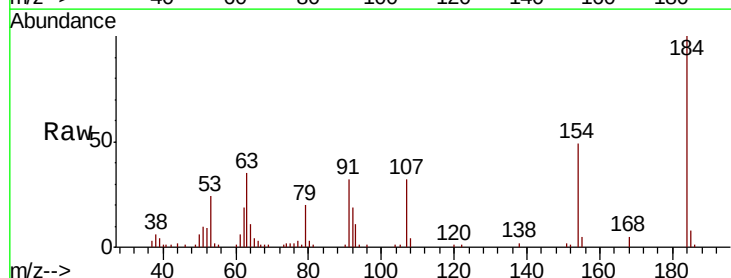
Tgt Ion:184 Resp: 40890

Ion Ratio Lower Upper

184 100

63 35.1 31.7 47.5

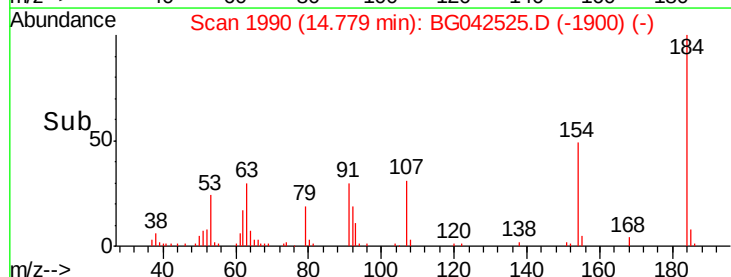
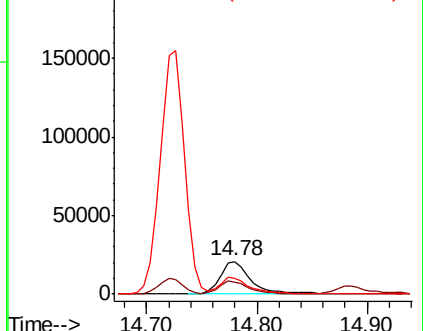
154 48.6 42.0 63.0

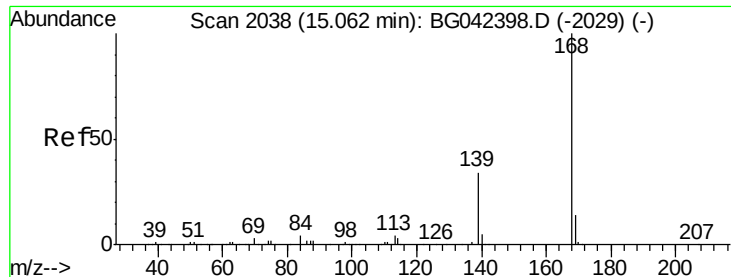


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

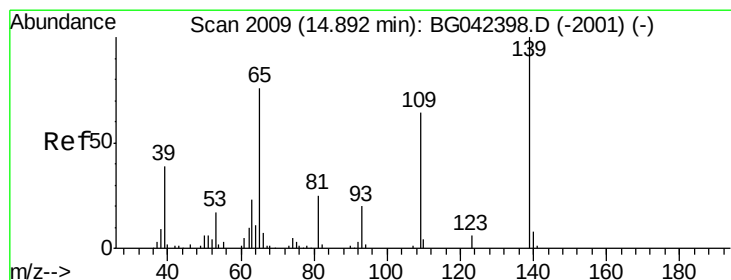
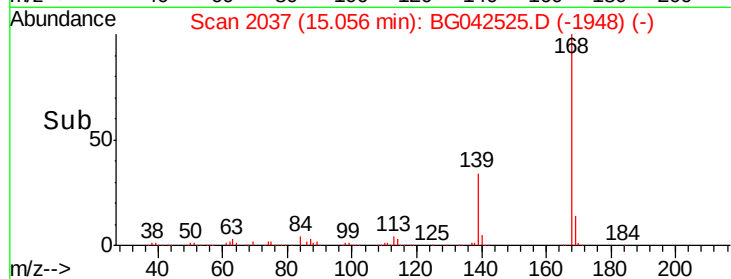
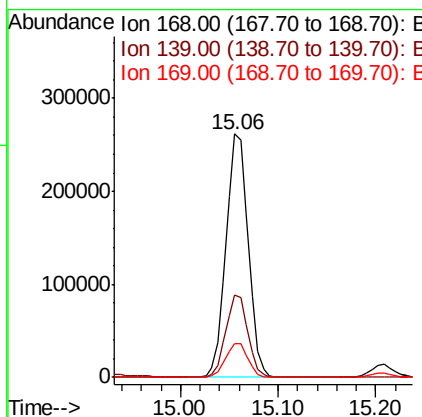
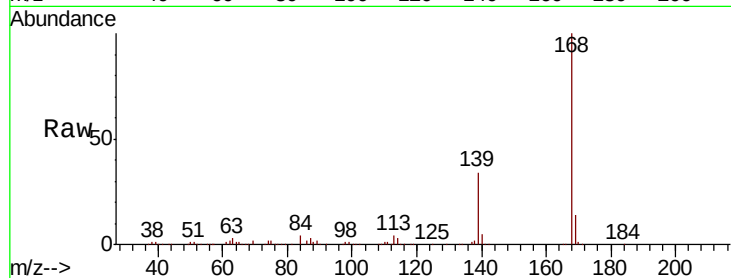




#55
Dibenzenofuran
Concen: 42.103 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

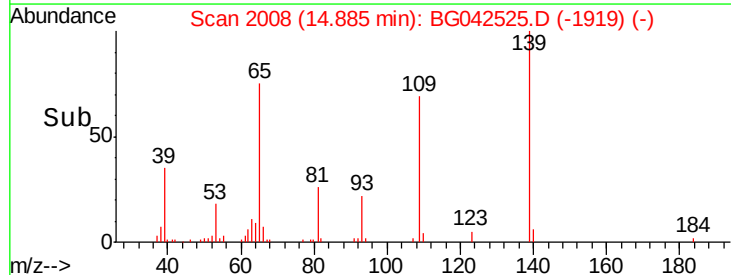
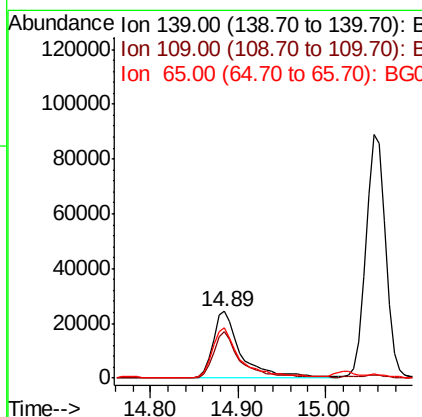
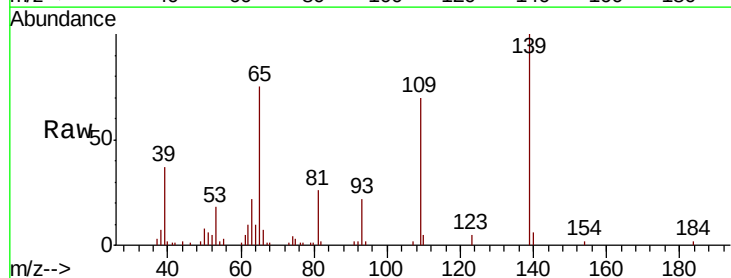
Instrument :
BNA_F
ClientSampleId :

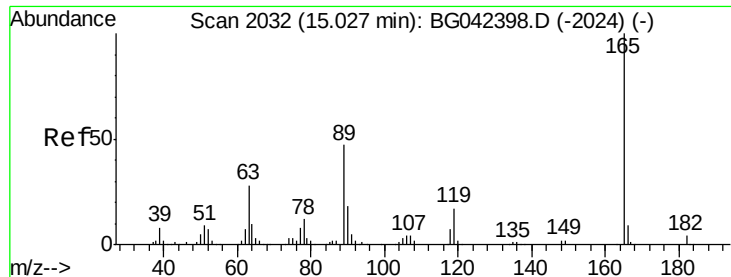
Tot Ion	Ratio	Lower	Upper
168	100		
139	33.9	27.2	40.8
169	13.7	11.5	17.3



#56
4-Nitrophenol
Concen: 39.333 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

Tgt Ion	Ratio	Lower	Upper
139	100		
109	69.9	43.9	83.9
65	75.1	56.3	96.3

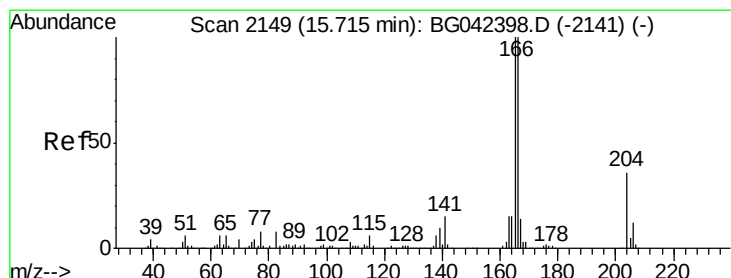
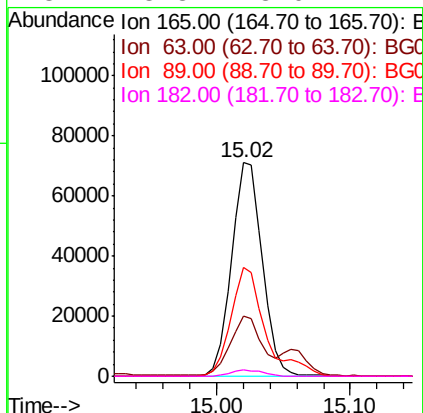
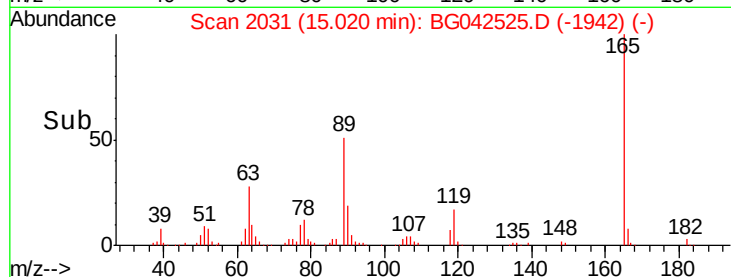
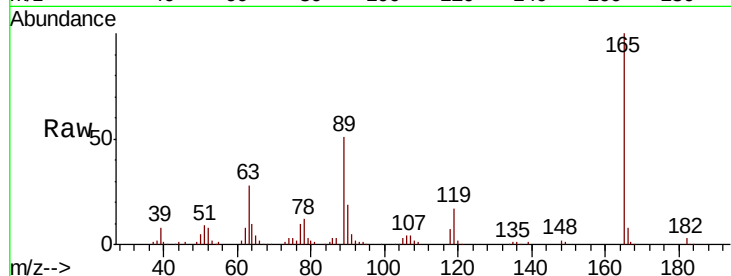




#57
2,4-Dinitrotoluene
Concen: 40.887 ng
RT: 15.02 min Scan# 2031
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

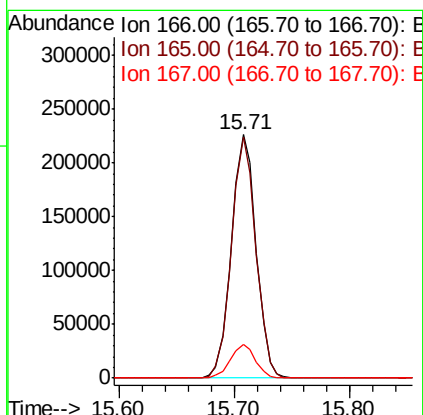
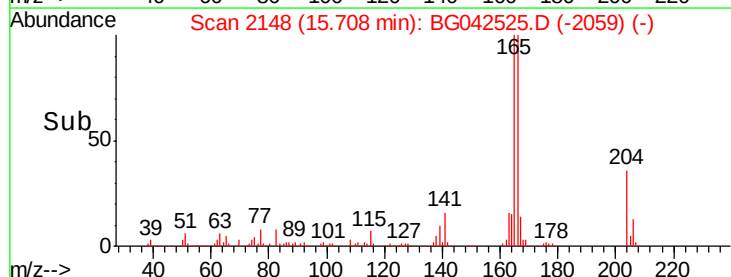
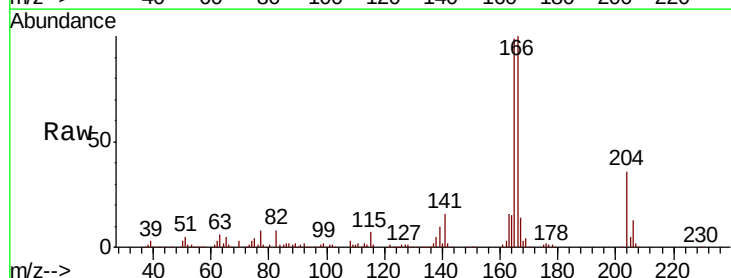
Instrument :
BNA_F
ClientSampled :

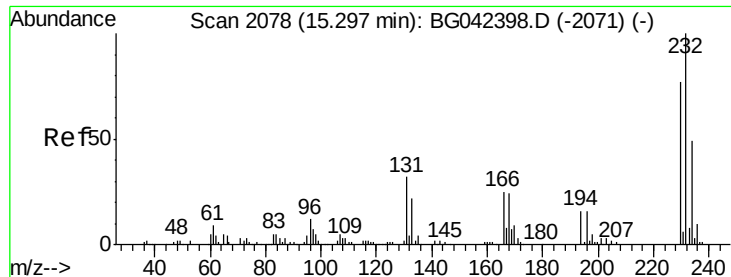
Tot Ion:165	Resp:	113772
Ion Ratio	Lower	Upper
165	100	
63	28.2	22.5 33.7
89	51.2	37.8 56.6
182	3.3	3.0 4.4



#58
Fluorene
Concen: 41.700 ng
RT: 15.71 min Scan# 2148
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

Tgt Ion:166	Resp:	333807
Ion Ratio	Lower	Upper
166	100	
165	99.1	79.7 119.5
167	13.8	10.9 16.3

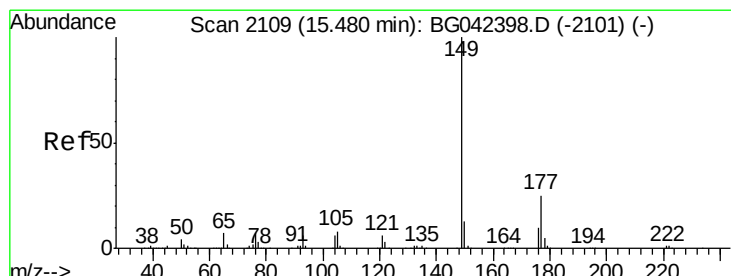
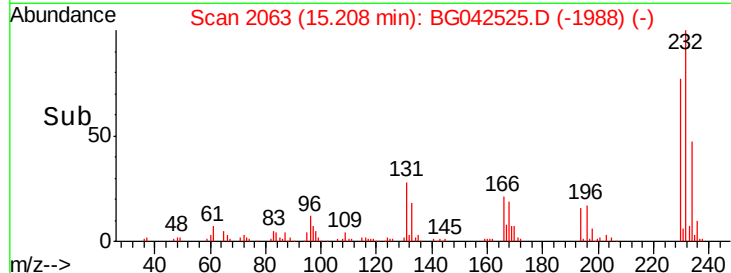
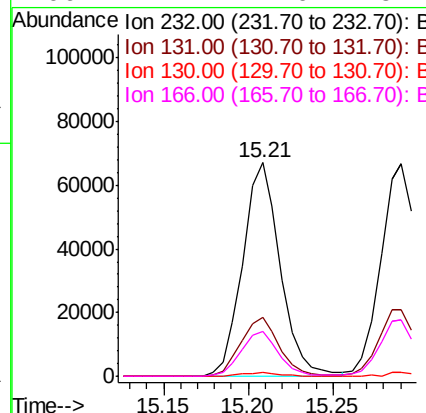
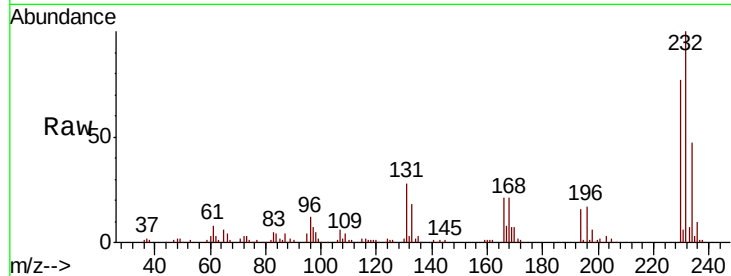




#59
 2,3,4,6-Tetrachlorophenol
 Concen: 40.192 ng
 RT: 15.21 min Scan# 2063
 Delta R.T. -0.09 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

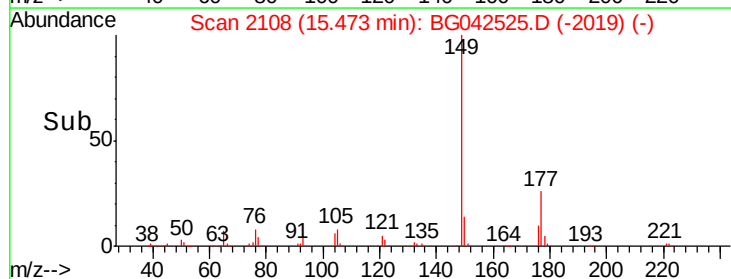
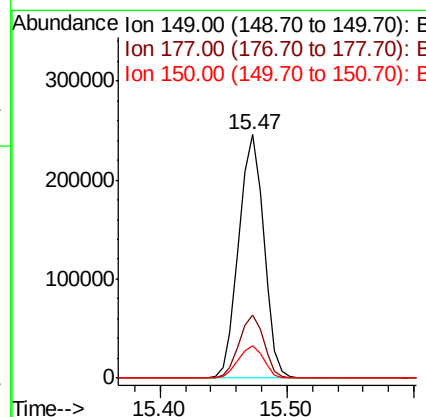
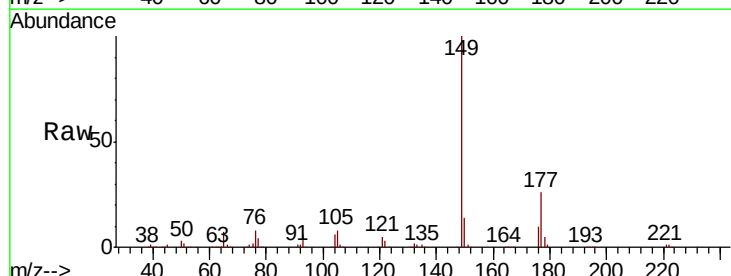
Instrument :
 BNA_F
 ClientSampled :

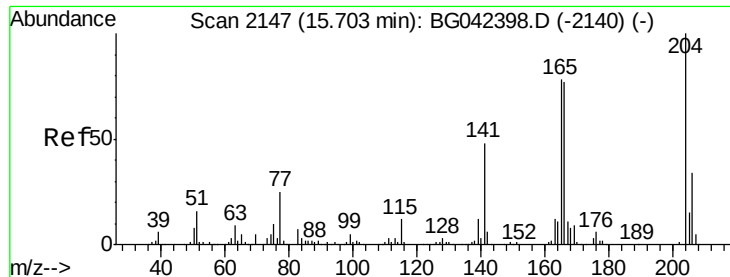
Tot Ion:	232	Resp:	103880
Ion	Ratio	Lower	Upper
232	100		
131	28.3	22.9	34.3
130	1.7	1.4	2.0
166	21.1	17.0	25.4



#60
 Diethylphthalate
 Concen: 41.003 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

Tgt Ion:	149	Resp:	336024
Ion	Ratio	Lower	Upper
149	100		
177	26.1	20.4	30.6
150	13.5	10.3	15.5

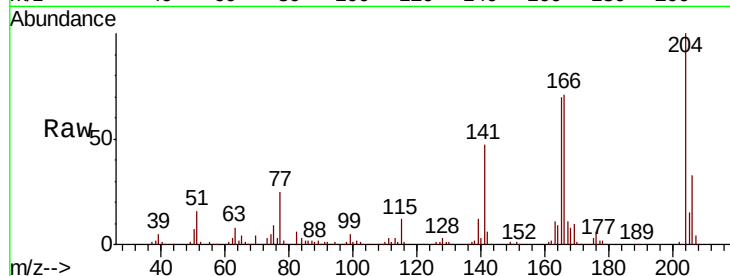




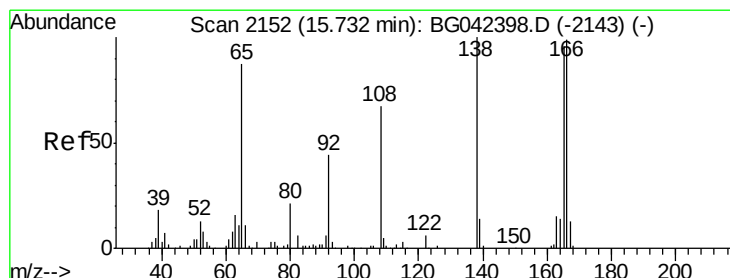
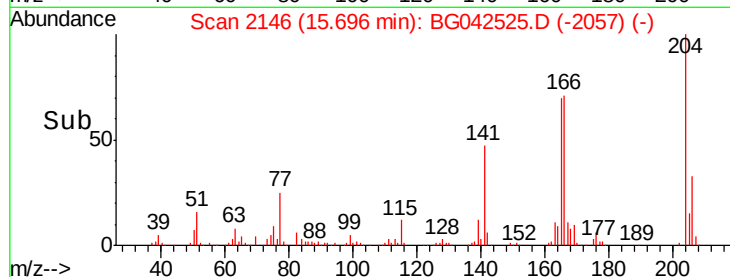
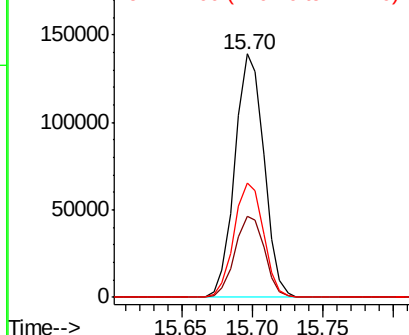
#61
 4-Chlorophenyl-phenylether
 Concen: 41.404 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 199795
 Ion Ratio Lower Upper
 204 100
 206 33.3 27.2 40.8
 141 46.9 38.7 58.1

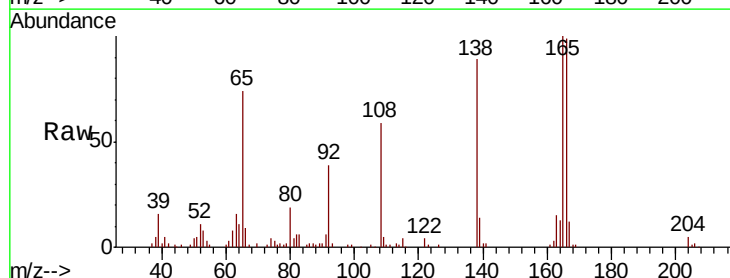


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

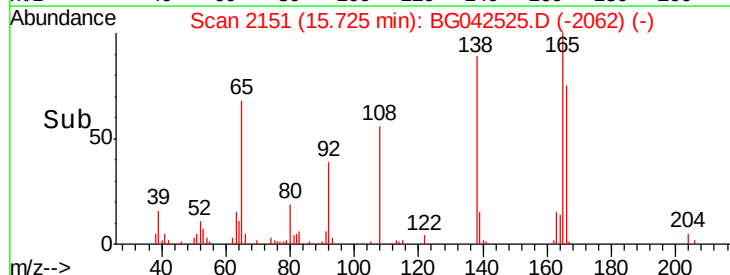
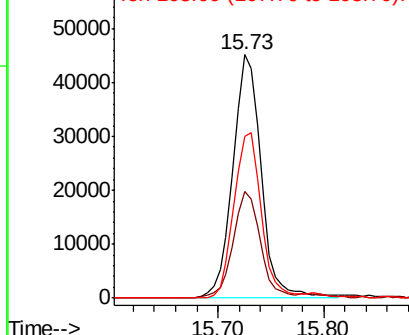


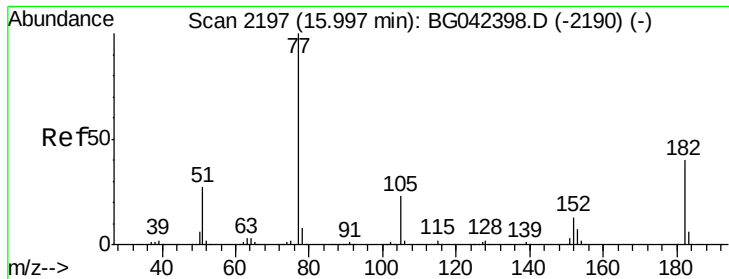
#62
 4-Nitroaniline
 Concen: 40.335 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

Tgt Ion:138 Resp: 83892
 Ion Ratio Lower Upper
 138 100
 92 43.9 24.2 64.2
 108 66.6 46.8 86.8



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





#63

Azobenzene

Concen: 39.923 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 224189

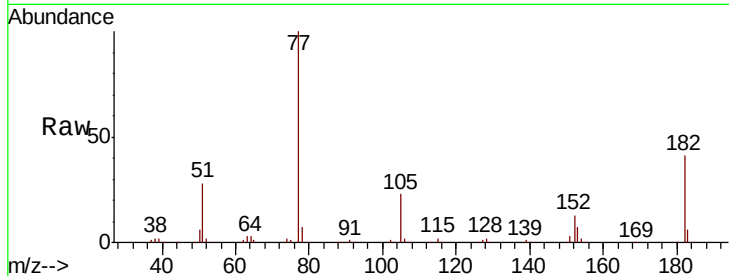
Ion Ratio Lower Upper

77 100

182 41.4 19.9 59.9

105 22.5 2.9 42.9

51 27.9 7.6 47.6

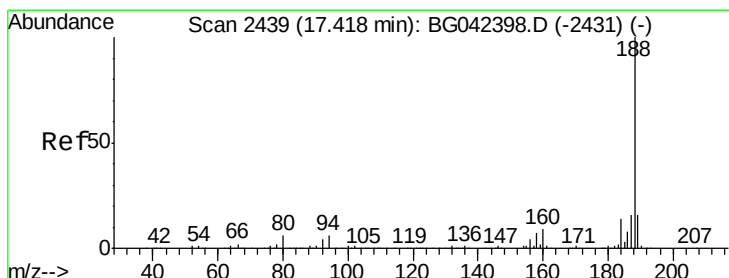
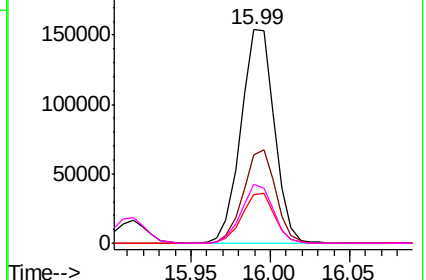
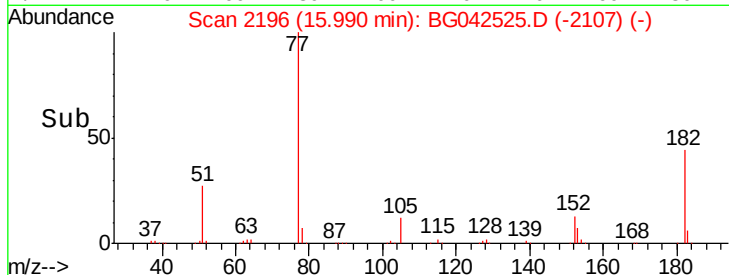


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: BG042525.D

Acq: 28 Aug 2019 8:44

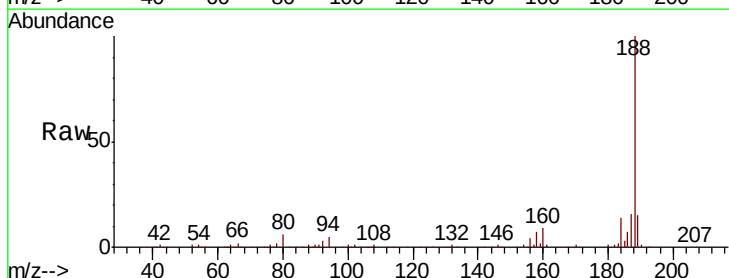
Tgt Ion: 188 Resp: 270034

Ion Ratio Lower Upper

188 100

94 5.2 4.5 6.7

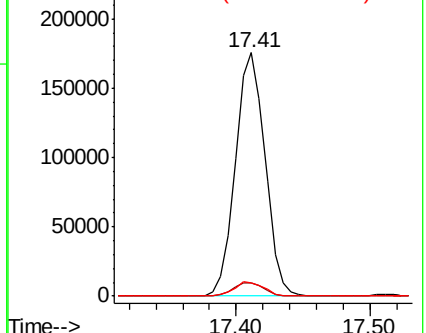
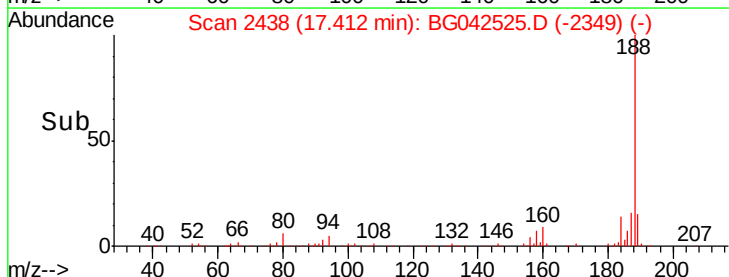
80 5.6 4.9 7.3

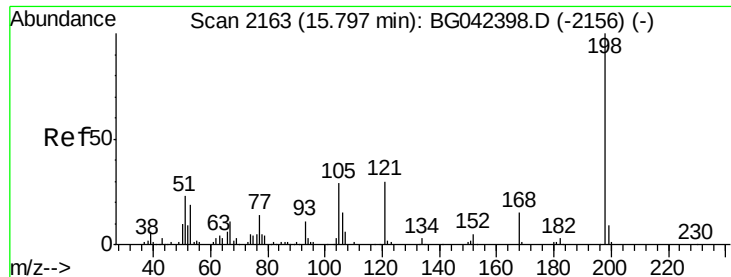


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 39.979 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Instrument :

BNA_F

ClientSampleId :

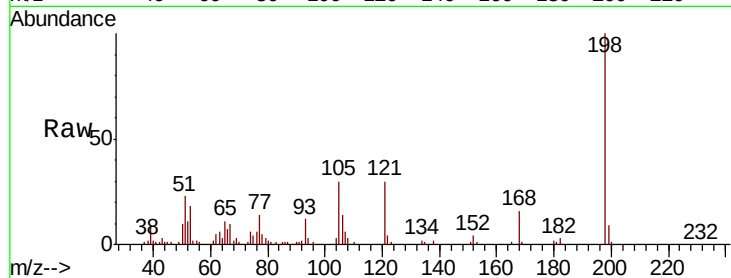
Tot Ion:198 Resp: 67685

Ion	Ratio	Lower	Upper
198	100		
51	23.5	4.2	44.2
105	30.0	8.8	48.8

198 100

51 23.5 4.2 44.2

105 30.0 8.8 48.8

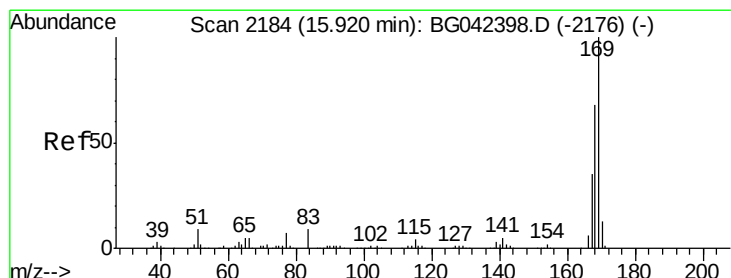
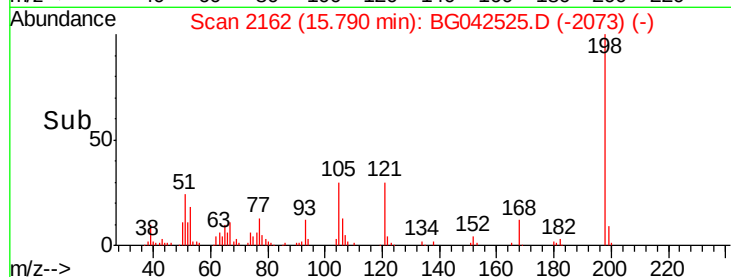
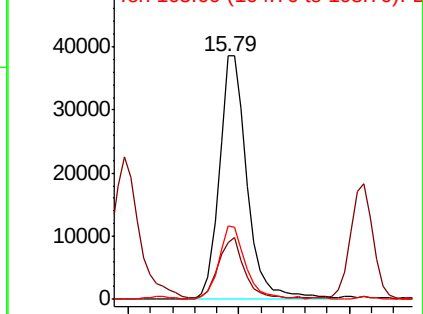


Abundance

Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 41.003 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

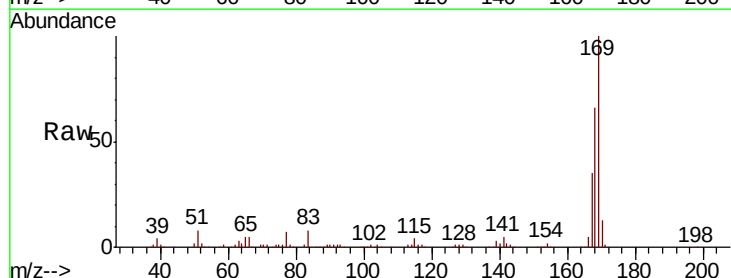
Tgt Ion:169 Resp: 304496

Ion	Ratio	Lower	Upper
169	100		
168	66.4	54.3	81.5
167	35.1	28.2	42.2

169 100

168 66.4 54.3 81.5

167 35.1 28.2 42.2

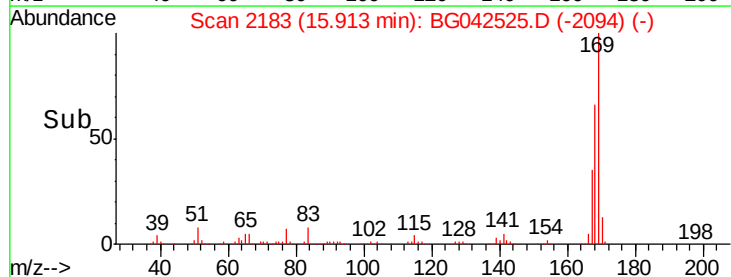
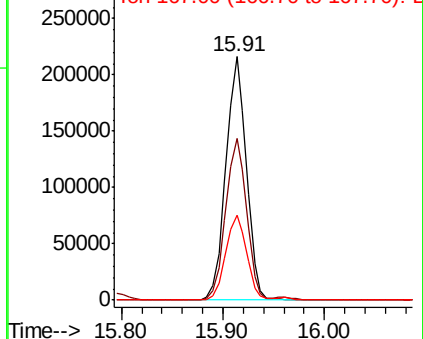


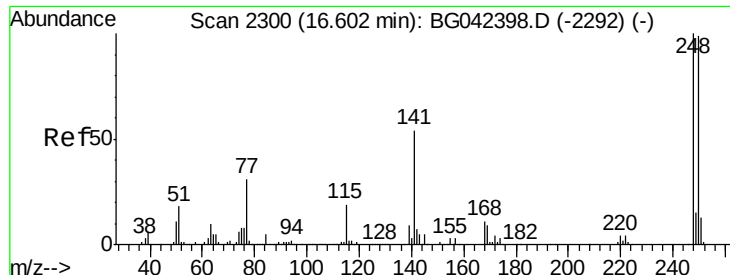
Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

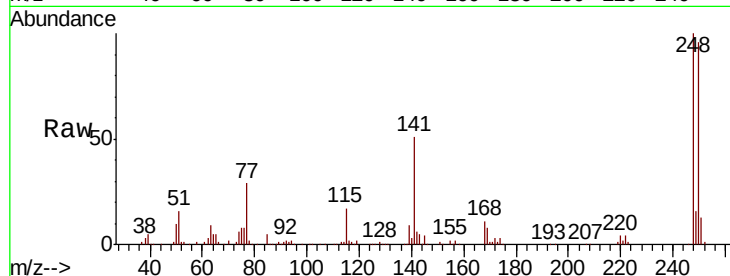




#67
 4-Bromophenyl-phenylether
 Concen: 41.249 ng
 RT: 16.59 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.0	78.9	118.3
141	51.1	43.3	64.9

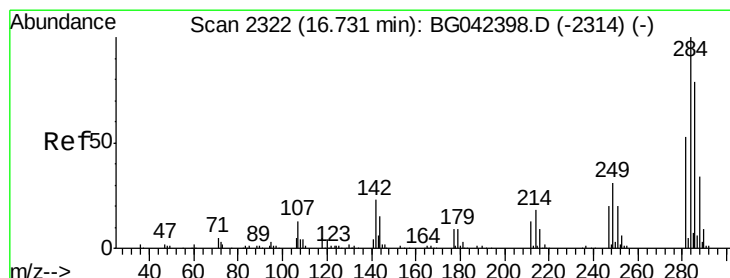
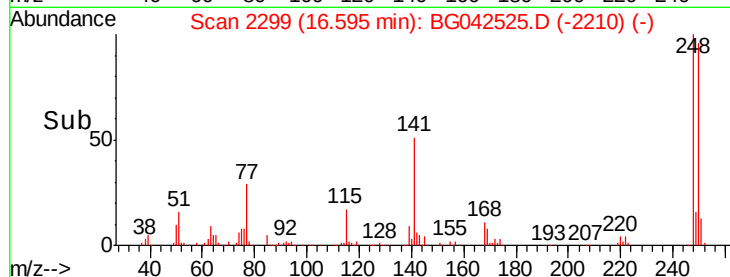
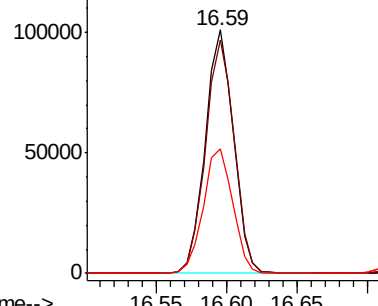


Abundance

Ion 248.00 (247.70 to 248.70): E

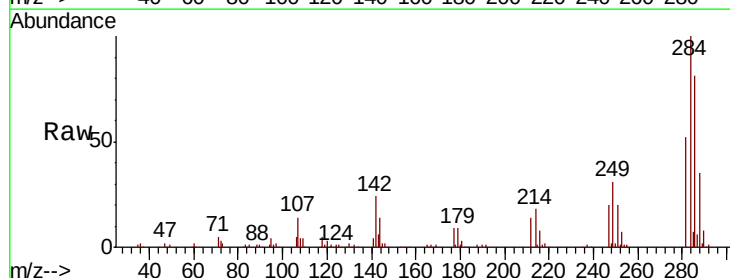
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.940 ng
 RT: 16.72 min Scan# 2321
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.6	18.2	27.4
249	31.4	25.0	37.4

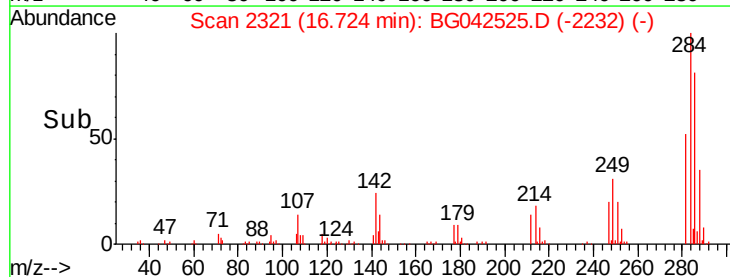
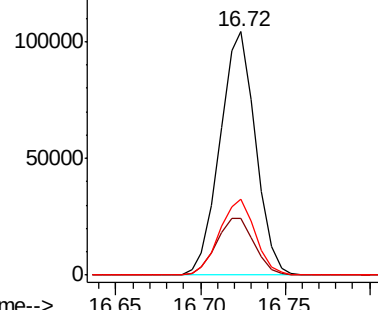


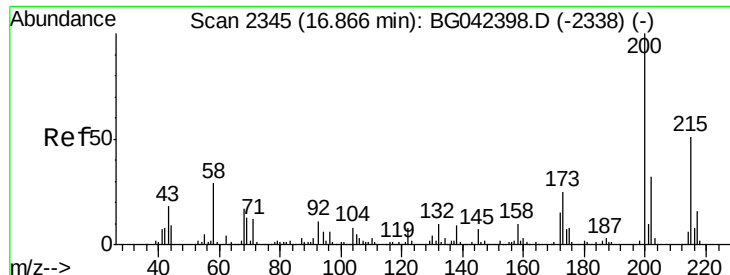
Abundance

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: 36.365 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Instrument :

BNA_F

ClientSampleId :

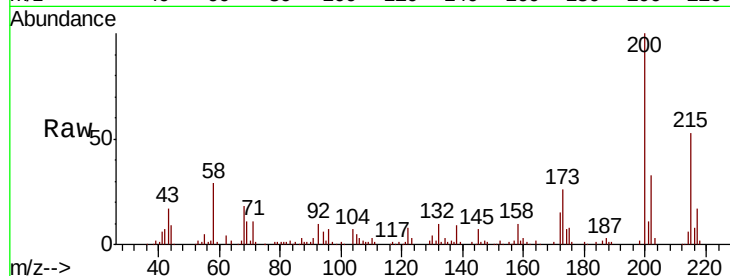
Tot Ion:200 Resp: 95498

Ion Ratio Lower Upper

200 100

173 25.9 4.9 44.9

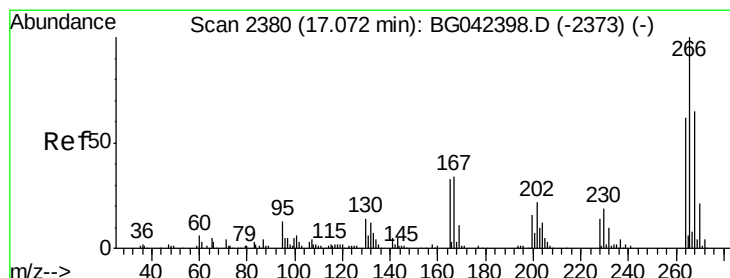
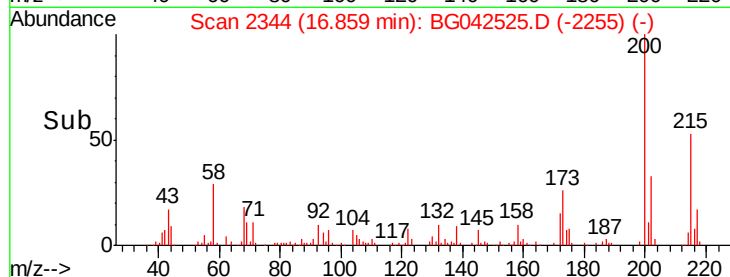
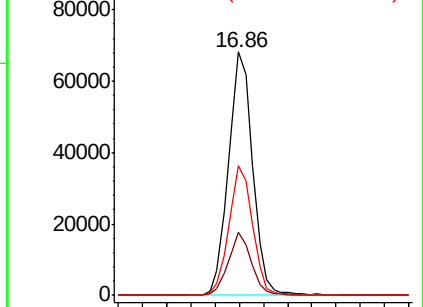
215 53.0 30.7 70.7



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: 37.739 ng

RT: 17.07 min Scan# 2380

Delta R.T. -0.00 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

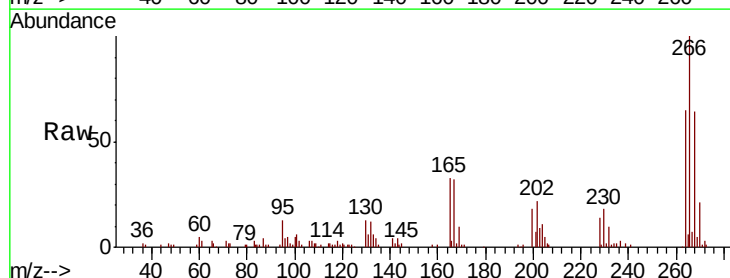
Tgt Ion:266 Resp: 73012

Ion Ratio Lower Upper

266 100

268 63.6 52.1 78.1

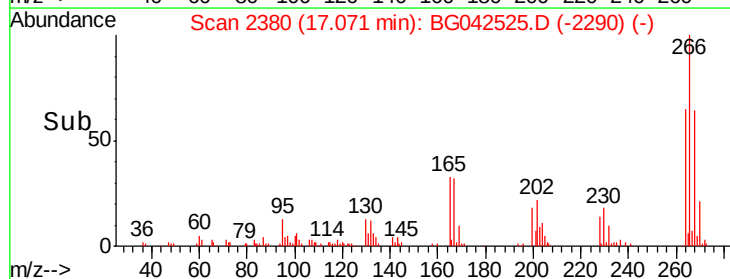
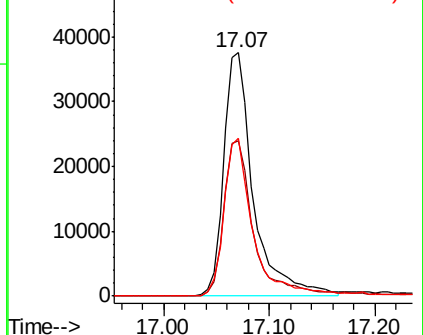
264 64.6 49.4 74.2

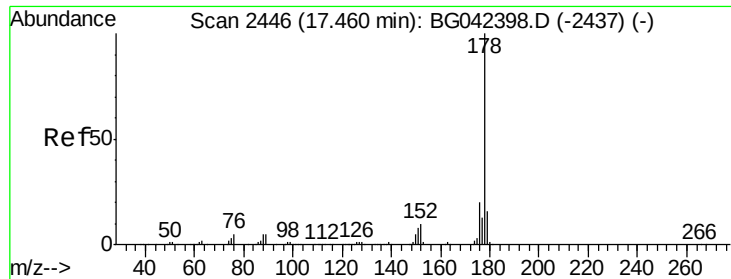


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

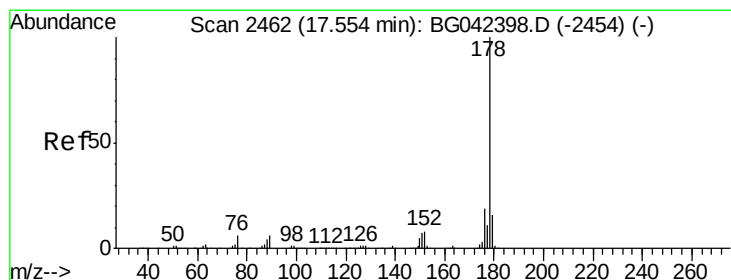
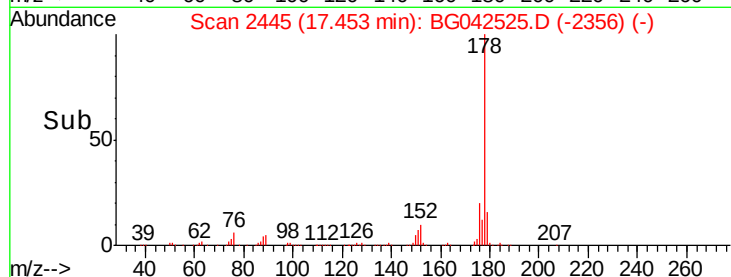
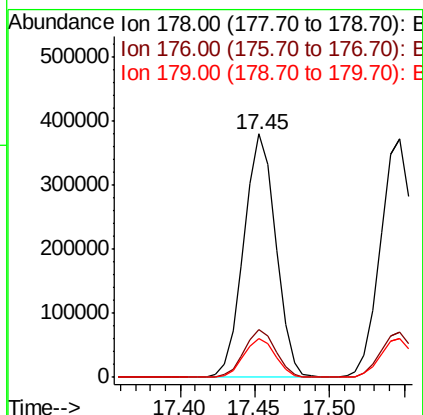
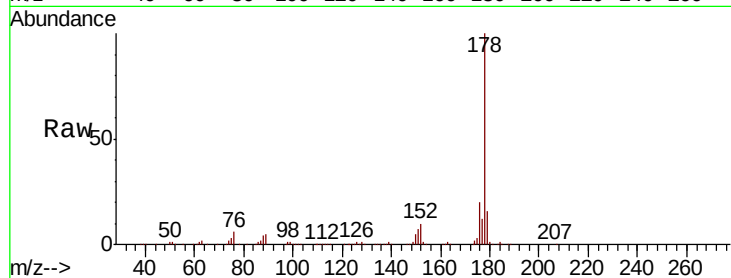




#71
Phenanthrene
Concen: 42.115 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

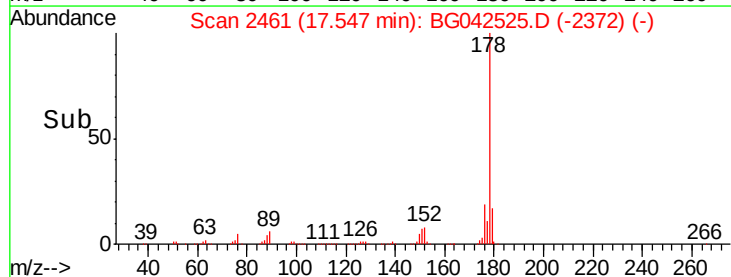
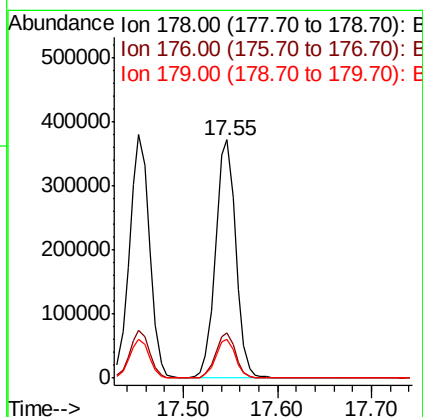
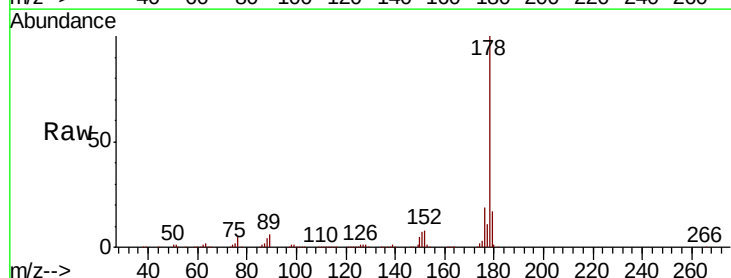
Instrument :
BNA_F
ClientSampleId :

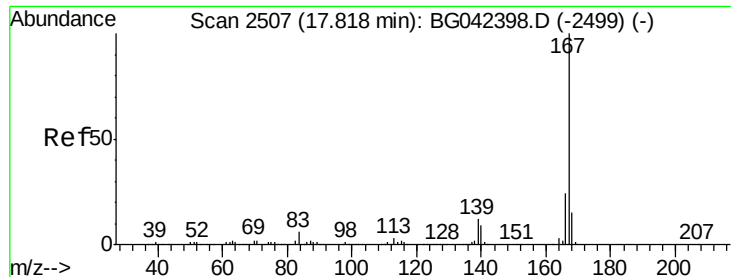
Tot Ion:178 Resp: 564887
Ion Ratio Lower Upper
178 100
176 19.5 15.9 23.9
179 16.2 12.7 19.1



#72
Anthracene
Concen: 42.114 ng
RT: 17.55 min Scan# 2461
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

Tgt Ion:178 Resp: 563916
Ion Ratio Lower Upper
178 100
176 18.8 15.5 23.3
179 16.6 12.9 19.3





#73

Carbazole

Concen: 41.651 ng

RT: 17.82 min Scan# 2507

Delta R.T. -0.00 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Instrument :

BNA_F

ClientSampleId :

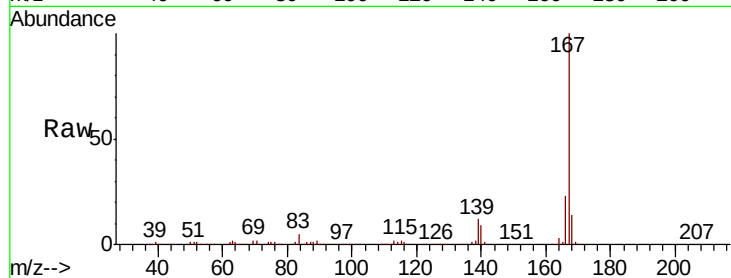
Tot Ion:167 Resp: 497059

Ion Ratio Lower Upper

167 100

166 23.2 18.9 28.3

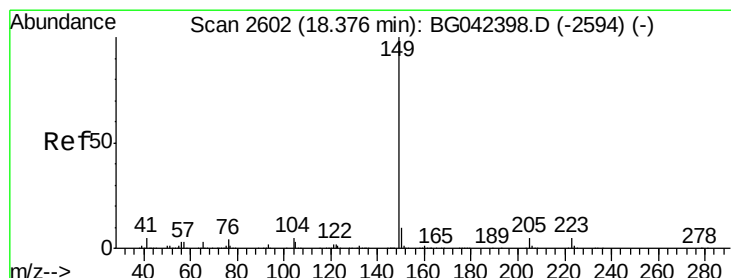
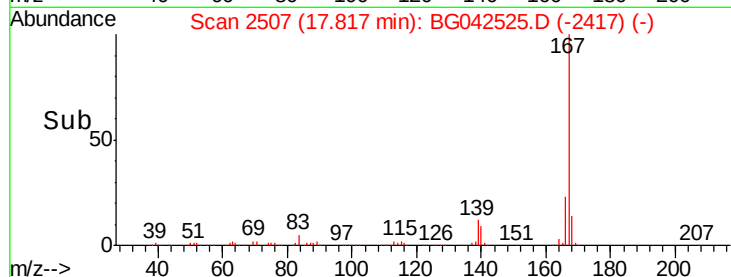
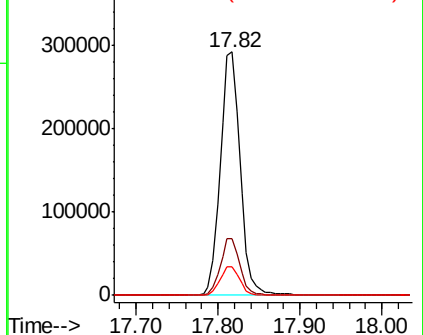
139 11.7 9.8 14.6



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: 42.536 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

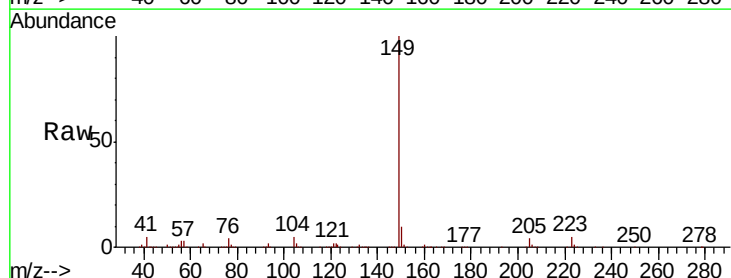
Tgt Ion:149 Resp: 600057

Ion Ratio Lower Upper

149 100

150 10.2 8.1 12.1

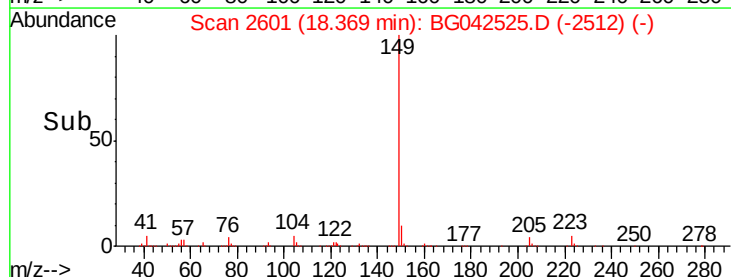
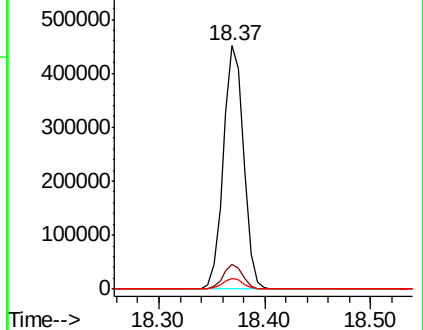
104 4.6 3.7 5.5

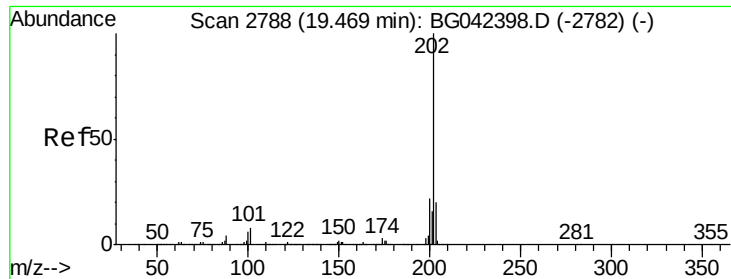


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.249 ng

RT: 19.47 min Scan# 2788

Delta R.T. -0.00 min

Lab File: BG042525.D

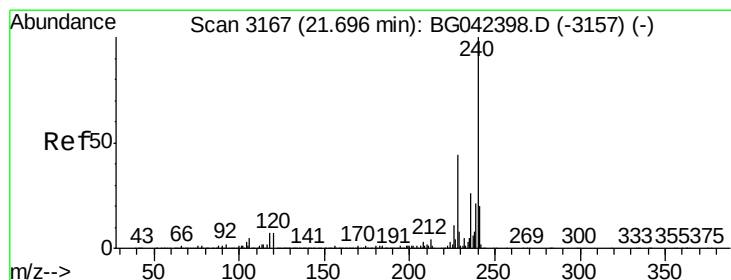
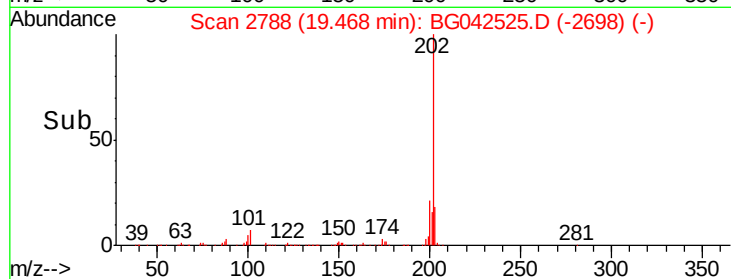
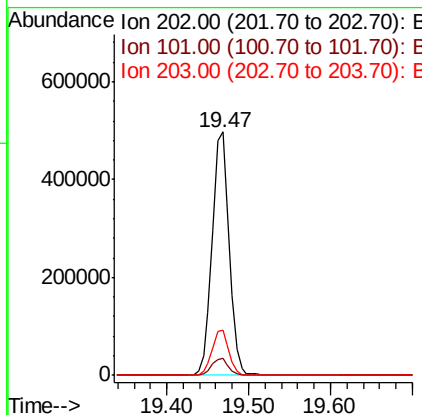
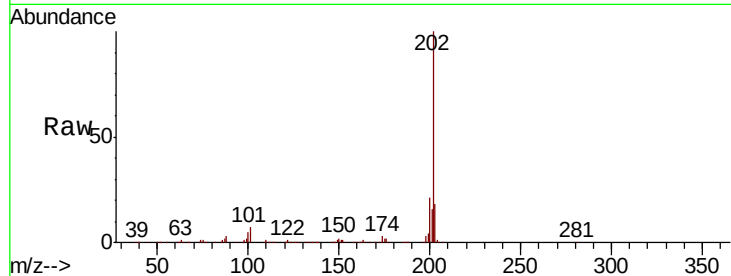
Acq: 28 Aug 2019 8:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	202	Resp:	724348
Ion	Ratio	Lower	Upper
202	100		
101	6.8	0.0	28.3
203	18.4	0.0	39.6



#76

Chrysene-d12

Concen: 20.000 ng

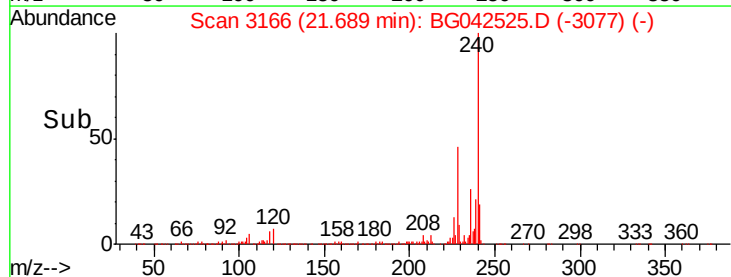
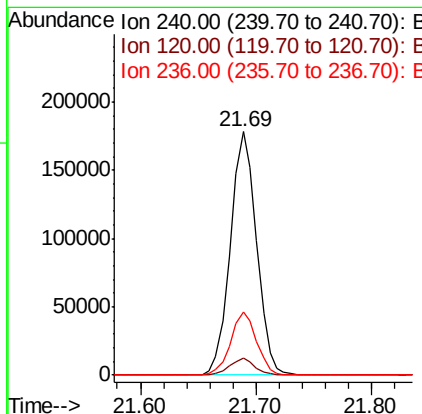
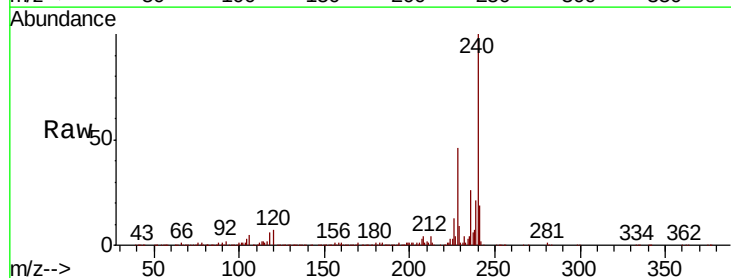
RT: 21.69 min Scan# 3166

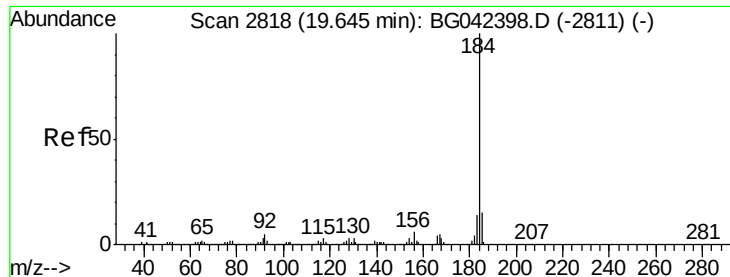
Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Tgt Ion:	240	Resp:	279414
Ion	Ratio	Lower	Upper
240	100		
120	6.9	5.7	8.5
236	25.7	21.0	31.4





#77

Benzidine

Concen: 34.735 ng

RT: 19.64 min Scan# 2818

Delta R.T. -0.00 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Instrument :

BNA_F

ClientSampleId :

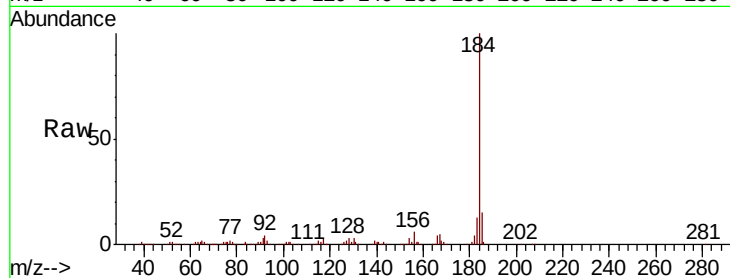
Tot Ion:184 Resp: 278262

Ion Ratio Lower Upper

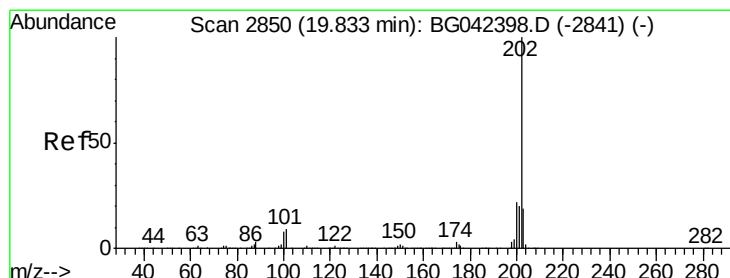
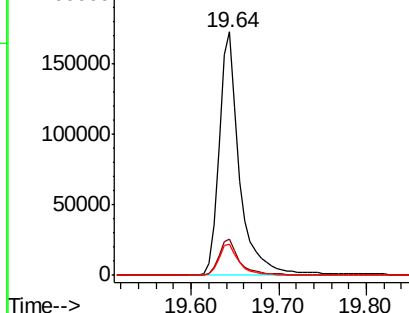
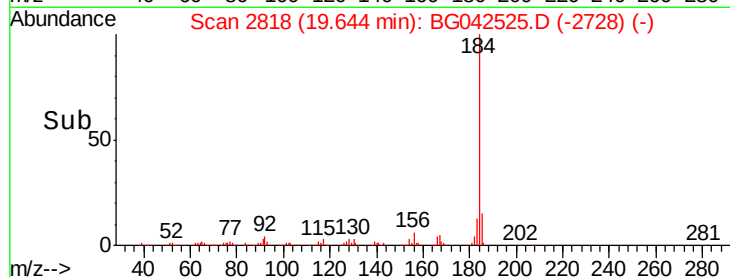
184 100

185 14.9 12.2 18.4

183 13.0 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: 42.390 ng

RT: 19.83 min Scan# 2849

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

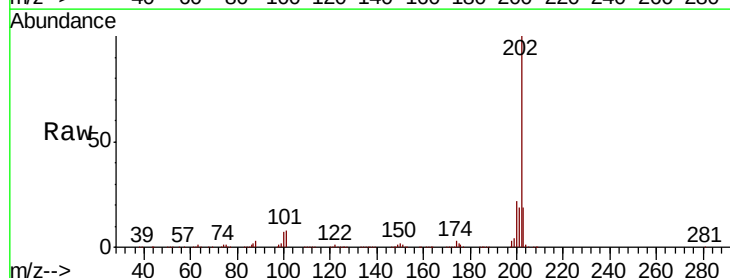
Tgt Ion:202 Resp: 726169

Ion Ratio Lower Upper

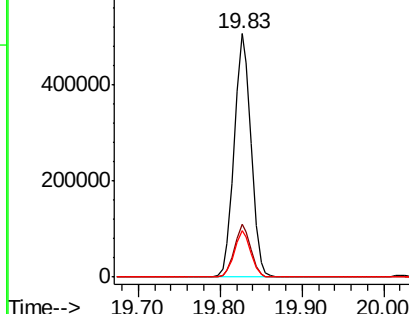
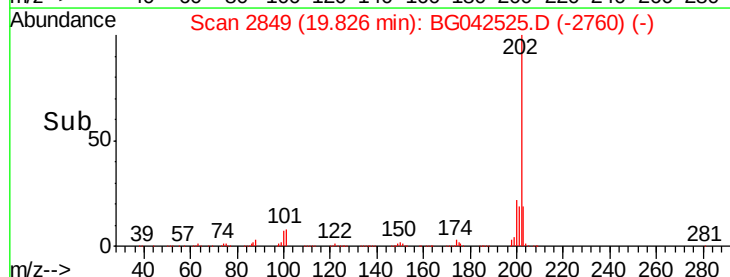
202 100

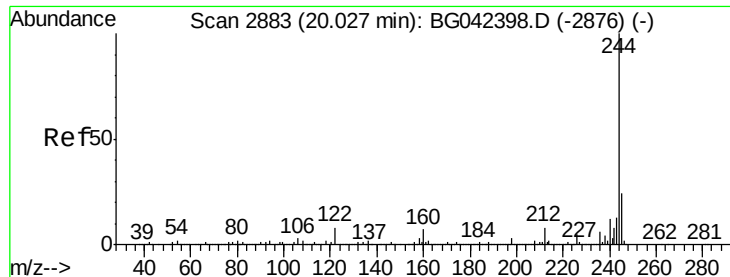
200 21.9 17.8 26.6

203 18.9 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: 84.299 ng

RT: 20.03 min Scan# 2883

Delta R.T. -0.00 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Instrument :

BNA_F

ClientSampleId :

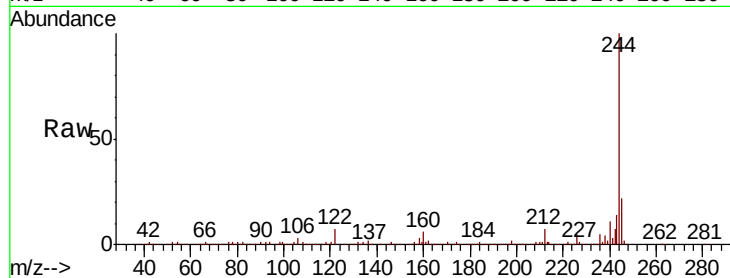
Tot Ion:244 Resp: 1089505

Ion Ratio Lower Upper

244 100

212 7.3 6.0 9.0

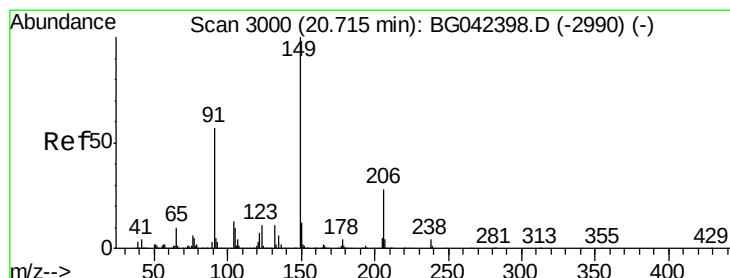
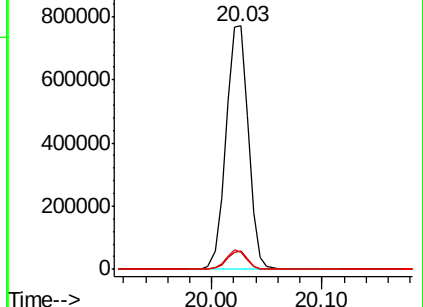
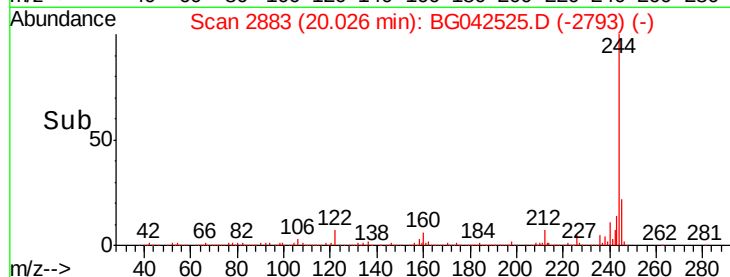
122 7.0 6.7 10.1



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: 41.028 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

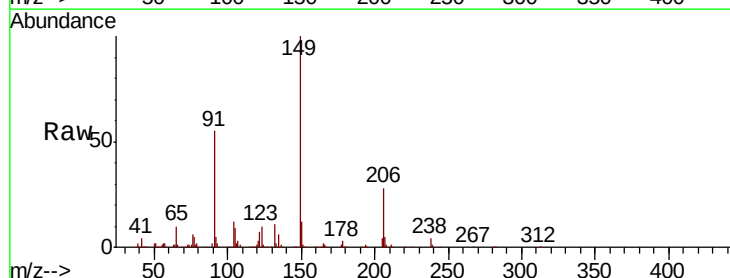
Tgt Ion:149 Resp: 276442

Ion Ratio Lower Upper

149 100

91 55.1 45.9 68.9

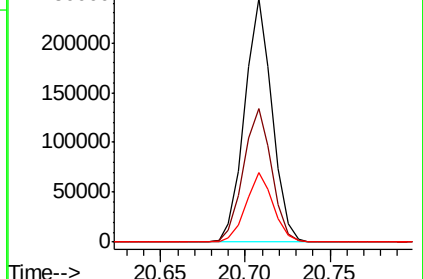
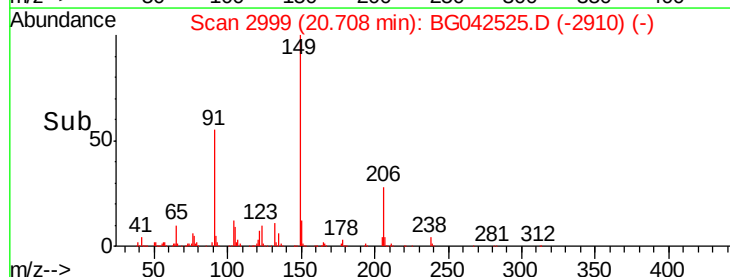
206 28.3 22.5 33.7

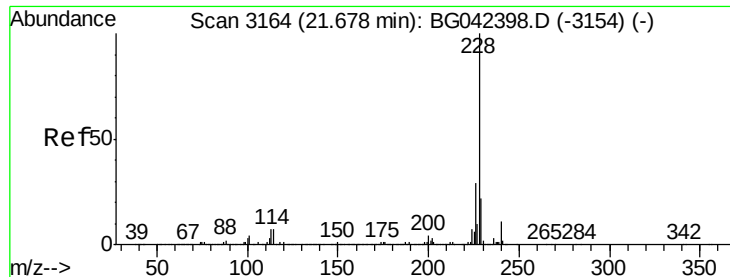


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 42.311 ng

RT: 21.67 min Scan# 3163

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Instrument :

BNA_F

ClientSampleId :

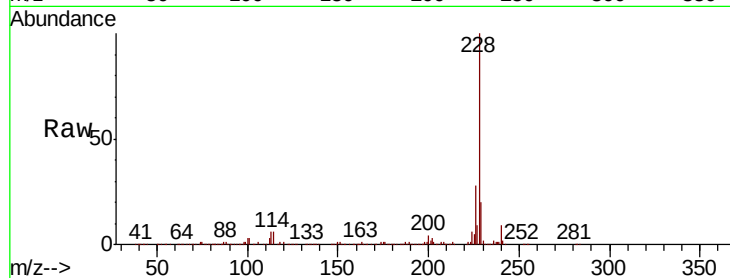
Tot Ion:228 Resp: 719169

Ion Ratio Lower Upper

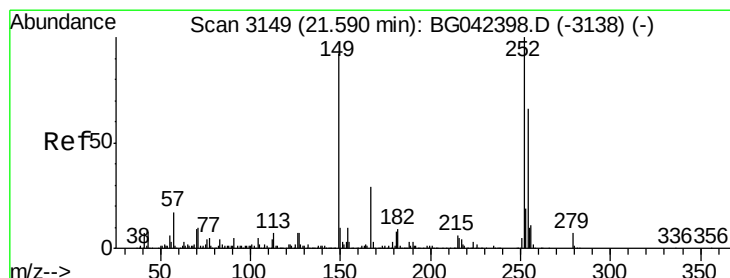
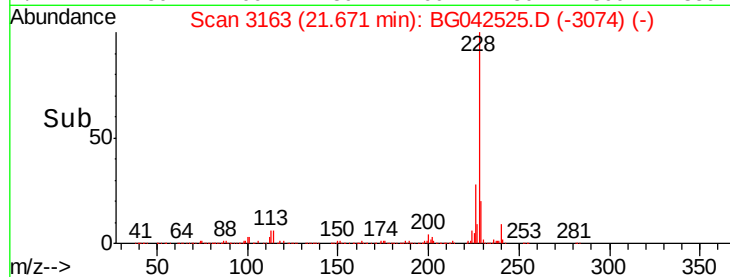
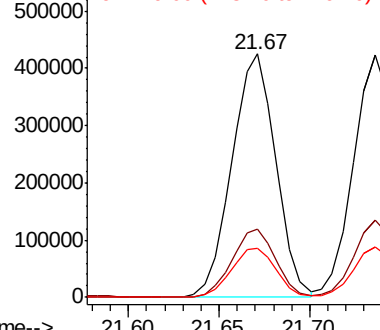
228 100

226 28.0 23.4 35.2

229 20.4 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: 40.325 ng

RT: 21.58 min Scan# 3148

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

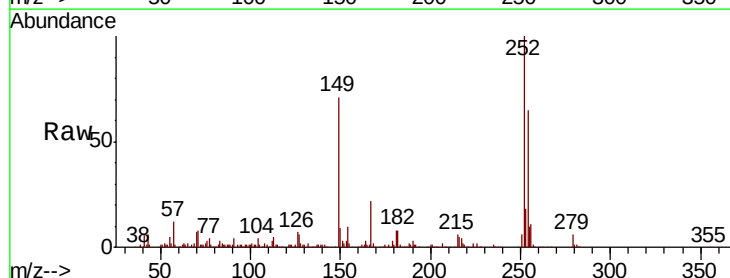
Tgt Ion:252 Resp: 275659

Ion Ratio Lower Upper

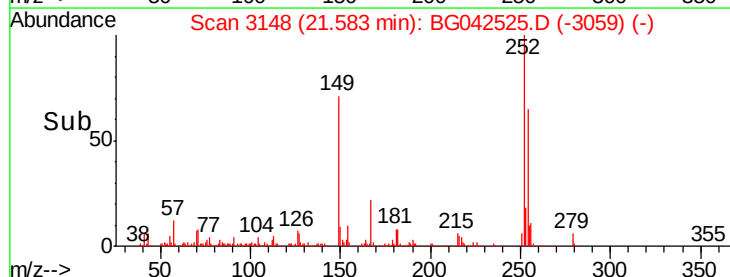
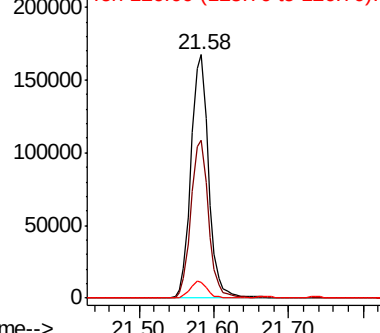
252 100

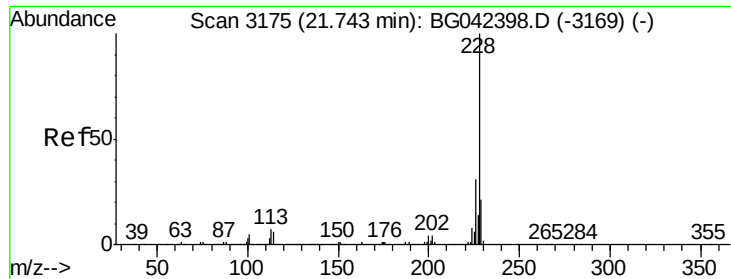
254 64.9 53.0 79.4

126 6.5 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

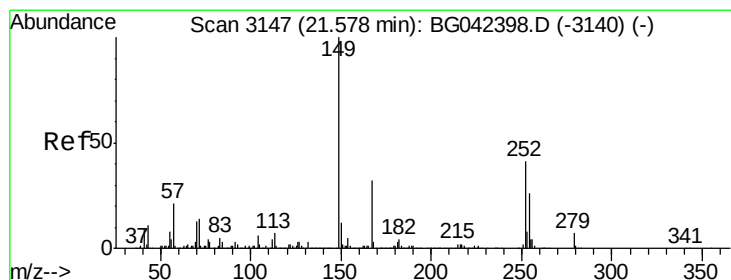
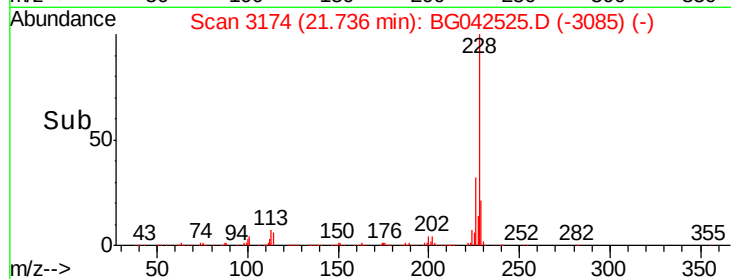
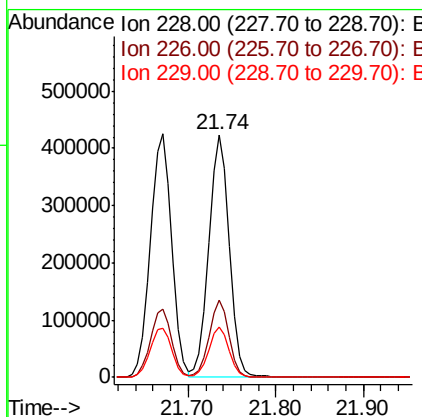
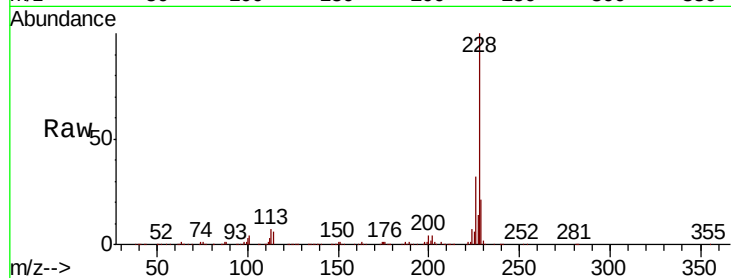




#83
 Chrysene
 Concen: 41.993 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

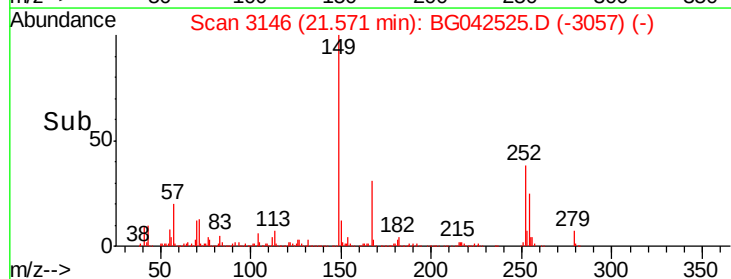
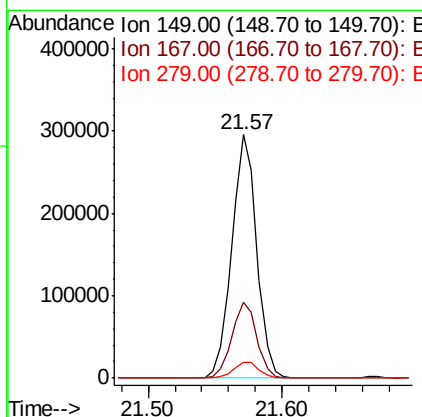
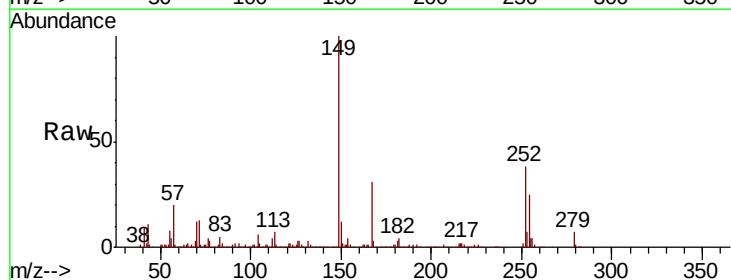
Instrument :
 BNA_F
 ClientSampleId :

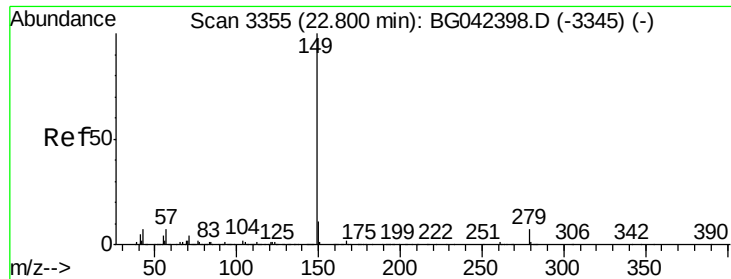
Tot Ion:228 Resp: 688371
 Ion Ratio Lower Upper
 228 100
 226 31.7 24.9 37.3
 229 20.6 16.9 25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.155 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG042525.D
 Acq: 28 Aug 2019 8:44

Tgt Ion:149 Resp: 385014
 Ion Ratio Lower Upper
 149 100
 167 31.3 26.0 39.0
 279 6.6 5.4 8.0

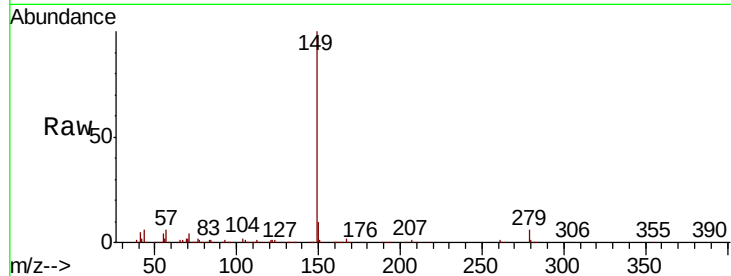




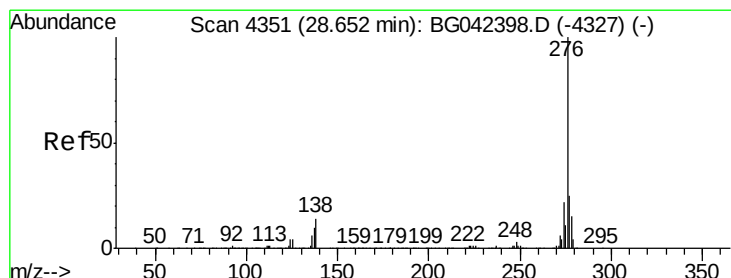
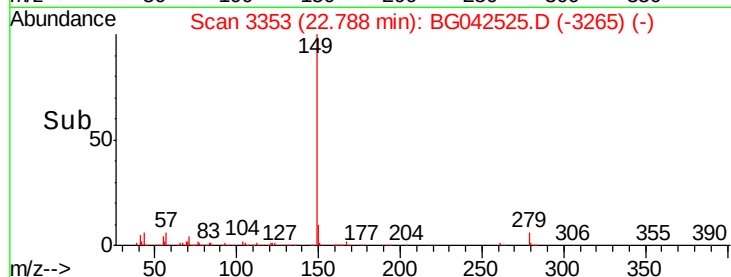
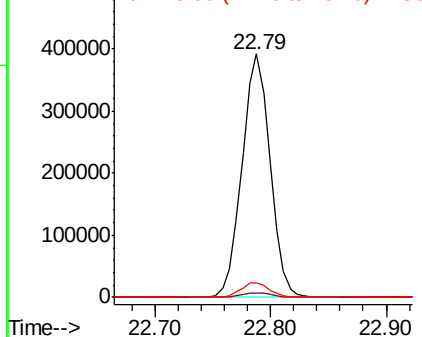
#85
Di-n-octyl phthalate
Concen: 41.091 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.3	5.3	7.9

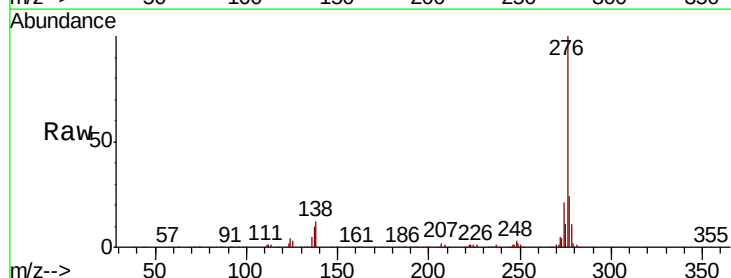


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

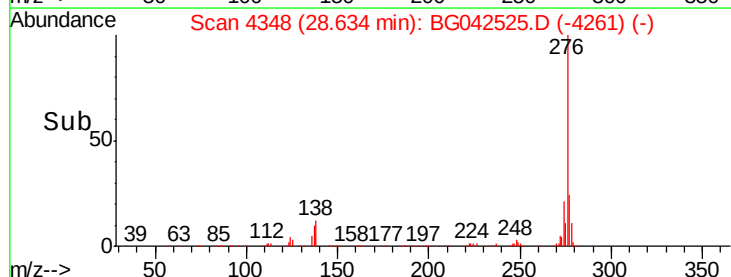
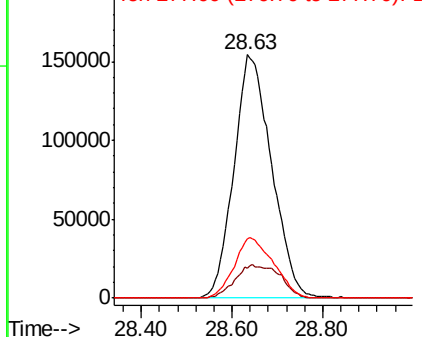


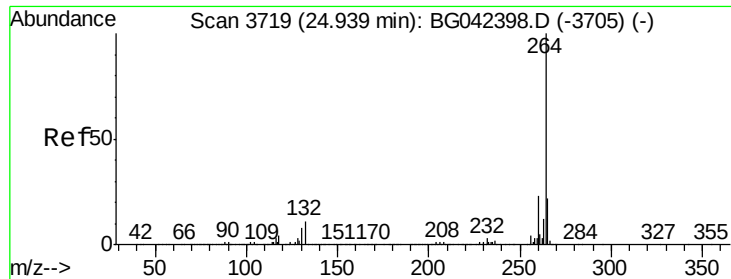
#86
Indeno(1,2,3-cd)pyrene
Concen: 40.027 ng
RT: 28.63 min Scan# 4348
Delta R.T. -0.02 min
Lab File: BG042525.D
Acq: 28 Aug 2019 8:44

Tgt Ion	Ratio	Lower	Upper
276	100		
138	16.3	9.2	13.8#
277	25.9	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: BG042525.D

Acq: 28 Aug 2019 8:44

Instrument :

BNA_F

ClientSampleId :

Tot Ion:264 Resp: 333802

Ion	Ratio	Lower	Upper
264	100		
260	24.0	18.5	27.7
265	21.1	17.6	26.4

Abundance

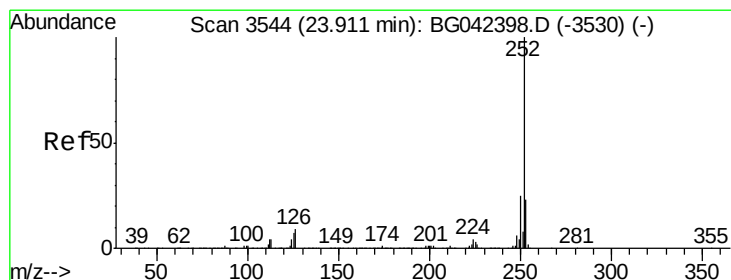
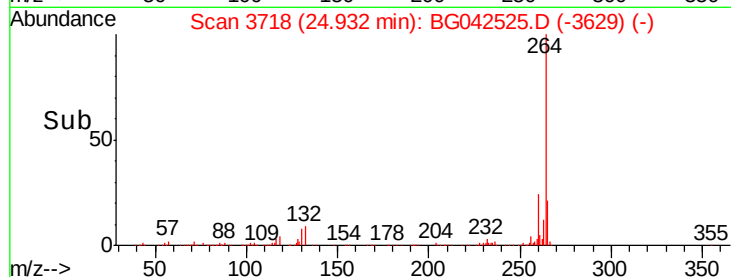
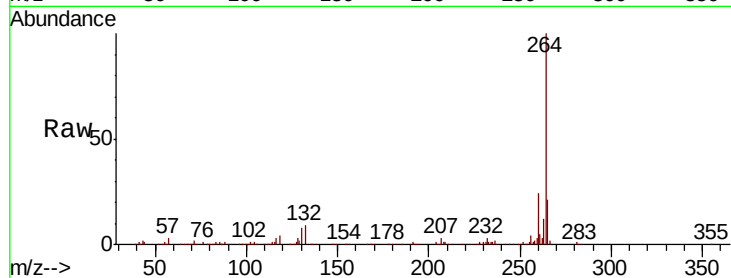
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

24.93

Time-->



#88

Benzo(b)fluoranthene

Concen: 41.336 ng

RT: 23.90 min Scan# 3543

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Tgt Ion:252 Resp: 758558

Ion	Ratio	Lower	Upper
252	100		
253	22.5	18.6	27.8
125	6.1	5.6	8.4

Abundance

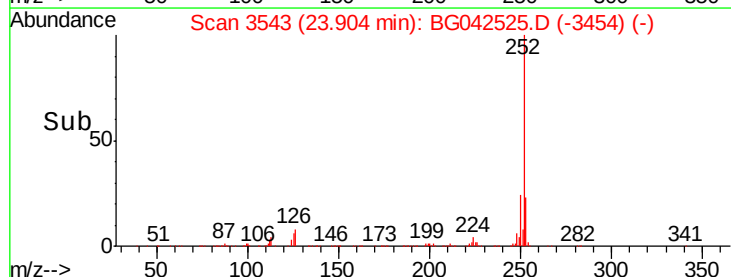
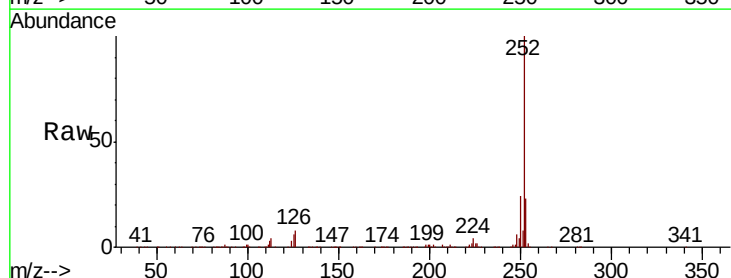
Ion 252.00 (251.70 to 252.70): E

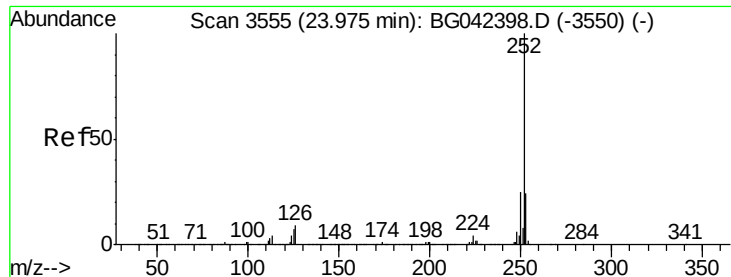
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

23.90

Time-->





#89

Benzo(k)fluoranthene

Concen: 42.675 ng

RT: 23.97 min Scan# 3554

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Instrument :

BNA_F

ClientSampleId :

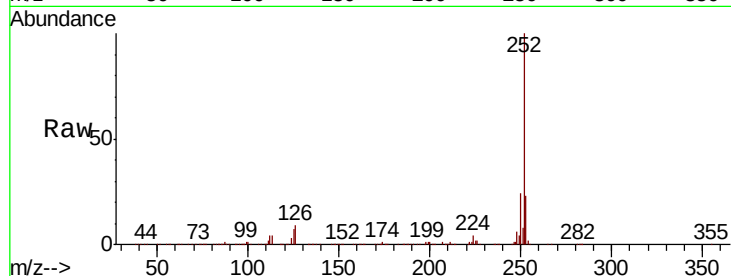
Tot Ion:252 Resp: 752758

Ion Ratio Lower Upper

252 100

253 23.1 18.6 27.8

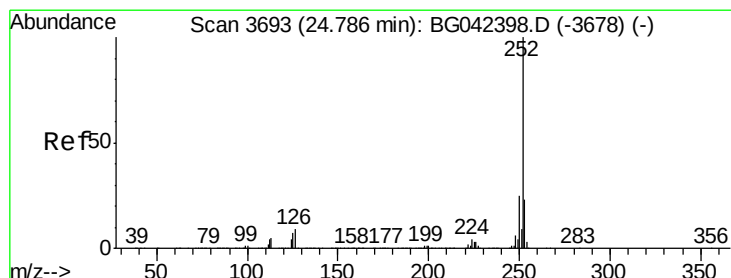
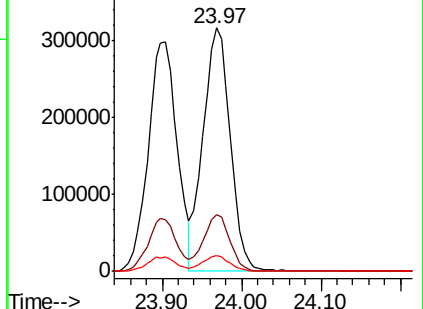
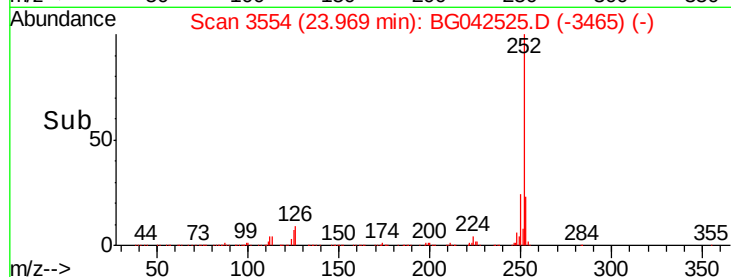
125 6.7 5.8 8.6



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: 42.269 ng

RT: 24.78 min Scan# 3692

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

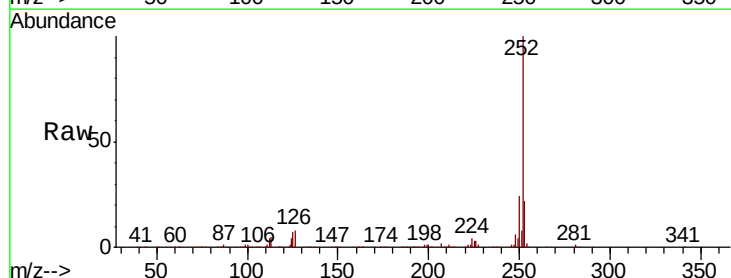
Tgt Ion:252 Resp: 736062

Ion Ratio Lower Upper

252 100

253 22.2 18.4 27.6

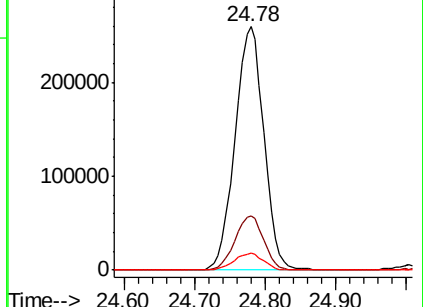
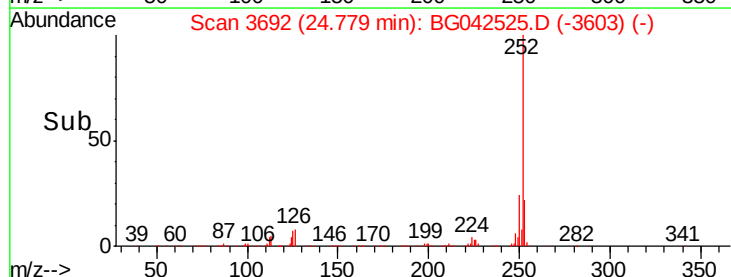
125 7.0 6.0 9.0

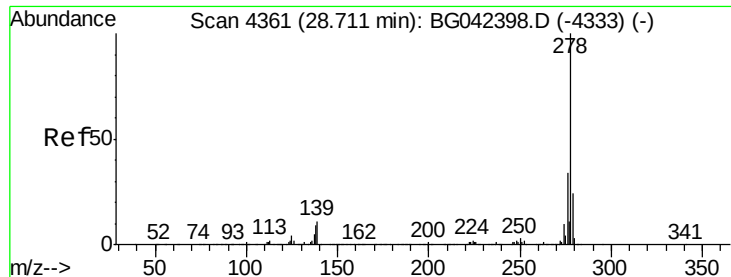


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#91

Dibenzo(a,h)anthracene

Concen: 40.970 ng

RT: 28.70 min Scan# 4359

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

Instrument :

BNA_F

ClientSampleId :

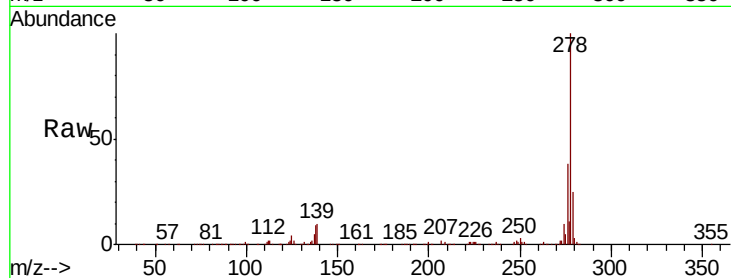
Tot Ion:278 Resp: 722359

Ion Ratio Lower Upper

278 100

139 10.5 8.8 13.2

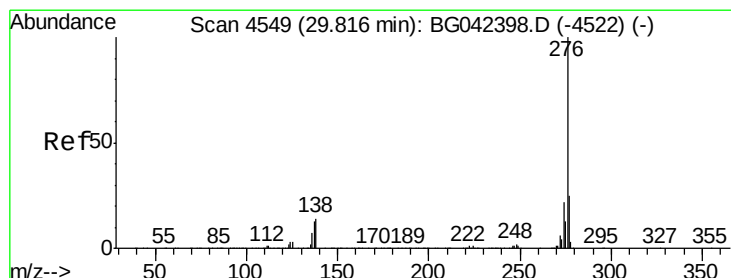
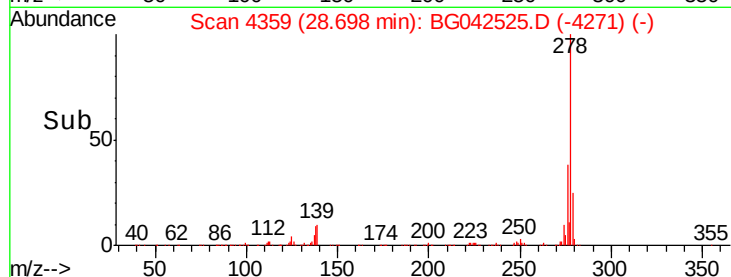
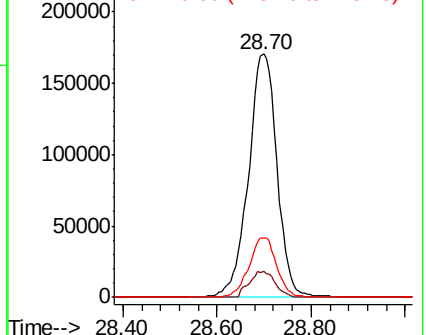
279 24.5 19.1 28.7



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 40.904 ng

RT: 29.80 min Scan# 4547

Delta R.T. -0.01 min

Lab File: BG042525.D

Acq: 28 Aug 2019 8:44

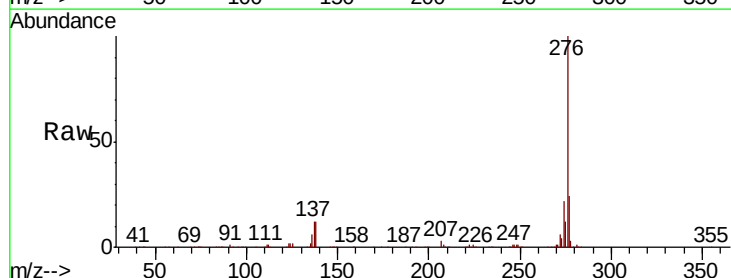
Tgt Ion:276 Resp: 721314

Ion Ratio Lower Upper

276 100

277 23.9 19.8 29.8

138 12.5 11.4 17.0



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

