

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042528.D
 Acq On : 28 Aug 2019 10:40
 Operator : HP/JU
 Sample : PB122569BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 15:14:15 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	33556	20.00	ng	0.00
21) Naphthalene-d8	10.82	136	135593	20.00	ng	0.00
39) Acenaphthene-d10	14.66	164	103222	20.00	ng	0.00
64) Phenanthrene-d10	17.41	188	246112	20.00	ng	0.00
76) Chrysene-d12	21.69	240	282957	20.00	ng	0.00
87) Perylene-d12	24.93	264	334733	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.56	112	212137	128.04	ng	0.00
7) Phenol-d6	7.17	99	271719	121.41	ng	0.00
23) Nitrobenzene-d5	9.17	82	139083	70.88	ng	0.00
42) 2,4,6-Tribromophenol	16.15	330	168595	114.91	ng	-0.01
45) 2-Fluorobiphenyl	13.28	172	448858	73.55	ng	0.00
79) Terphenyl-d14	20.02	244	946589	72.32	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.42	88	30911	44.706	ng	100
3) Pyridine	3.82	79	64119	36.164	ng	98
4) n-Nitrosodimethylamine	3.73	42	29280	46.237	ng	# 91
6) Aniline	7.32	93	95218	31.898	ng	98
8) 2-Chlorophenol	7.57	128	94644	47.134	ng	98
9) Benzaldehyde	7.12	77	54645	48.771	ng	95
10) Phenol	7.19	94	107628	47.299	ng	95
11) bis(2-Chloroethyl)ether	7.41	93	73805	41.299	ng	97
12) 1,3-Dichlorobenzene	7.89	146	107884	42.234	ng	97
13) 1,4-Dichlorobenzene	8.04	146	111071	42.927	ng	98
14) 1,2-Dichlorobenzene	8.36	146	104394	42.131	ng	98
15) Benzyl Alcohol	8.24	79	69258	43.014	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.53	45	96759	39.947	ng	100
17) 2-Methylphenol	8.45	107	77178	46.048	ng	95
18) Hexachloroethane	9.09	117	37167	41.959	ng	95
19) n-Nitroso-di-n-propylamine	8.80	70	59286	40.889	ng	98
20) 3+4-Methylphenols	8.78	107	103644	44.689	ng	99
22) Acetophenone	8.82	105	129569	44.677	ng	98
24) Nitrobenzene	9.21	77	86246	43.406	ng	98
25) Isophorone	9.73	82	163474	42.215	ng	97
26) 2-Nitrophenol	9.93	139	55939	44.925	ng	96
27) 2,4-Dimethylphenol	9.99	122	88603	51.657	ng	97
28) bis(2-Chloroethoxy)methane	10.22	93	102682	42.071	ng	99
29) 2,4-Dichlorophenol	10.47	162	106827	47.603	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	118504	43.022	ng	94
31) Naphthalene	10.87	128	279854	44.455	ng	99
32) Benzoic acid	10.14	122	43167	36.945	ng	95
33) 4-Chloroaniline	10.98	127	77415	26.639	ng	98
34) Hexachlorobutadiene	11.16	225	77403	41.812	ng	97
35) Caprolactam	11.75	113	16089	21.486	ng	94
36) 4-Chloro-3-methylphenol	12.11	107	97446	45.743	ng	98
37) 2-Methylnaphthalene	12.48	142	222944	44.105	ng	99
38) 1-Methylnaphthalene	12.70	142	209256	43.582	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	147392	44.464	ng	98

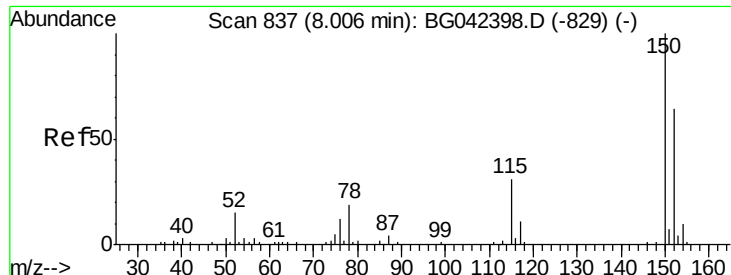
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG082819\
 Data File : BG042528.D
 Acq On : 28 Aug 2019 10:40
 Operator : HP/JU
 Sample : PB122569BS
 Misc :
 ALS Vial : 5 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Aug 28 15:14:15 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 22 14:29:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	174022	99.941	nq	99
43) 2,4,6-Trichlorophenol	13.09	196	96899	43.247	nq	99
44) 2,4,5-Trichlorophenol	13.17	196	104257	44.901	nq	99
46) 1,1'-Biphenyl	13.49	154	293677	44.014	nq	99
47) 2-Chloronaphthalene	13.53	162	244046	42.418	nq	99
48) 2-Nitroaniline	13.73	65	56466	40.700	nq	98
49) Acenaphthylene	14.38	152	389777	45.031	nq	99
50) Dimethylphthalate	14.11	163	318153	42.717	nq	99
51) 2,6-Dinitrotoluene	14.23	165	76132	44.100	nq	97
52) Acenaphthene	14.72	154	223293	42.484	nq	99
53) 3-Nitroaniline	14.56	138	47992	27.797	nq	95
54) 2,4-Dinitrophenol	14.77	184	86142	74.491	nq	98
55) Dibenzofuran	15.06	168	389648	44.787	nq	99
56) 4-Nitrophenol	14.89	139	113301	92.353	nq	96
57) 2,4-Dinitrotoluene	15.02	165	109156	44.155	nq	98
58) Fluorene	15.71	166	314475	44.219	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.21	232	101983	44.414	nq	99
60) Diethylphthalate	15.47	149	311268	42.753	nq	100
61) 4-Chlorophenyl-phenylether	15.70	204	184302	42.990	nq	97
62) 4-Nitroaniline	15.73	138	79253	42.890	nq	95
63) Azobenzene	15.99	77	216379	43.372	nq	99
65) 4,6-Dinitro-2-methylphenol	15.79	198	71846	46.562	nq	97
66) n-Nitrosodiphenylamine	15.91	169	297174	43.907	nq	99
67) 4-Bromophenyl-phenylether	16.60	248	130328	41.748	nq	99
68) Hexachlorobenzene	16.72	284	137643	40.560	nq	98
69) Atrazine	16.86	200	115351	48.194	nq	99
70) Pentachlorophenol	17.07	266	160824	91.208	nq	98
71) Phenanthrene	17.45	178	550317	45.016	nq	99
72) Anthracene	17.54	178	564861	46.285	nq	99
73) Carbazole	17.81	167	507277	46.639	nq	99
74) Di-n-butylphthalate	18.37	149	583586	45.390	nq	100
75) Fluoranthene	19.46	202	752486	50.437	nq	97
77) Benzidine	19.64	184	360312	44.414	nq	99
78) Pyrene	19.83	202	766396	44.178	nq	99
80) Butylbenzylphthalate	20.71	149	287306	42.106	nq	99
81) Benzo(a)anthracene	21.67	228	760140	44.161	nq	98
82) 3,3'-Dichlorobenzidine	21.58	252	219833	31.755	nq	98
83) Chrysene	21.74	228	736395	44.360	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	408620	43.132	nq	99
85) Di-n-octyl phthalate	22.79	149	703956	43.203	nq	99
86) Indeno(1,2,3-cd)pyrene	28.63	276	958884	42.505	nq	# 97
88) Benzo(b)fluoranthene	23.90	252	826358	44.905	nq	99
89) Benzo(k)fluoranthene	23.97	252	810640	45.828	nq	100
90) Benzo(a)pyrene	24.77	252	814558	46.647	nq	99
91) Dibenzo(a,h)anthracene	28.69	278	795787	45.009	nq	99
92) Benzo(g,h,i)perylene	29.79	276	808377	45.714	nq	96

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

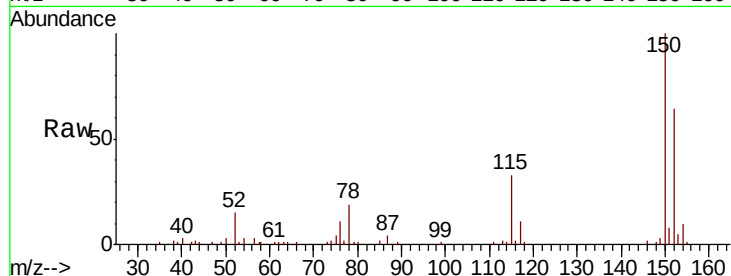


#1

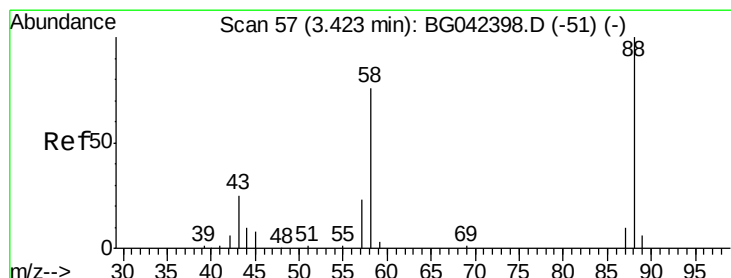
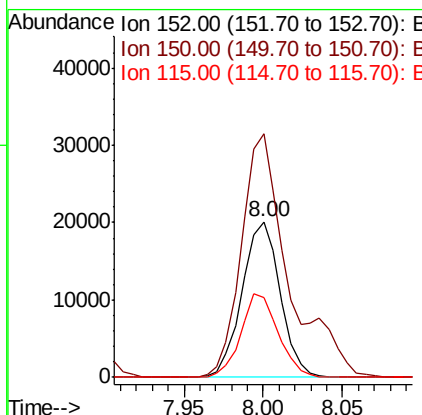
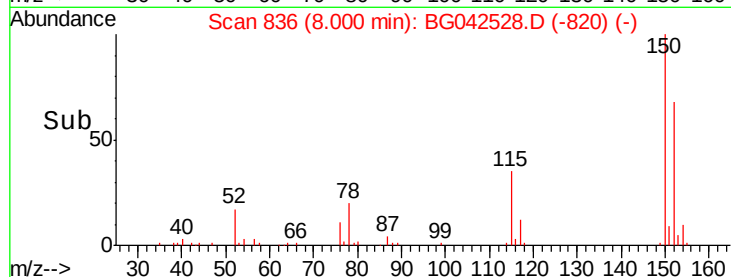
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:152 Resp: 33556
Ion Ratio Lower Upper
152 100
150 156.2 125.4 188.0
115 51.4 38.5 57.7



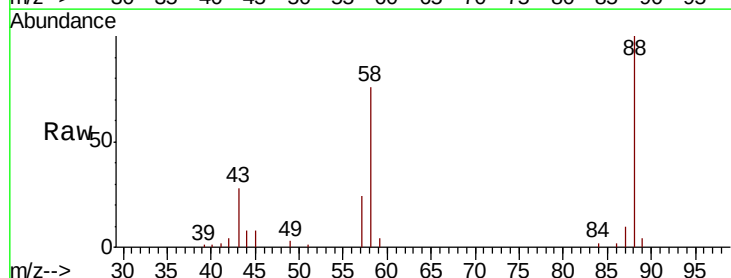
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



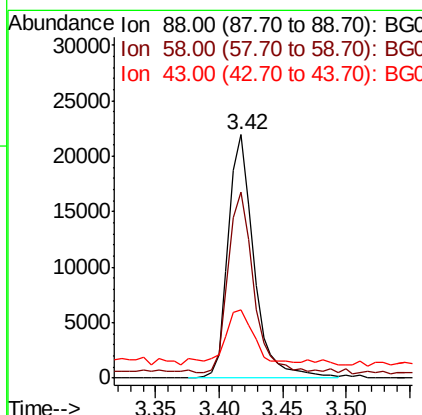
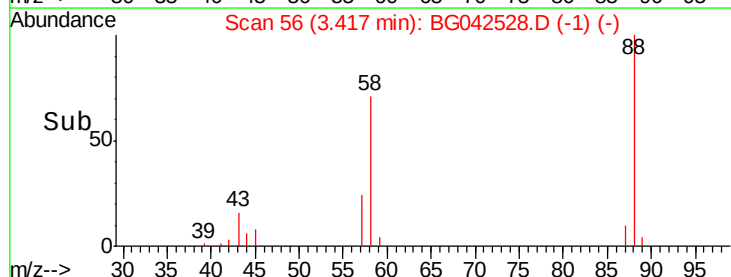
#2

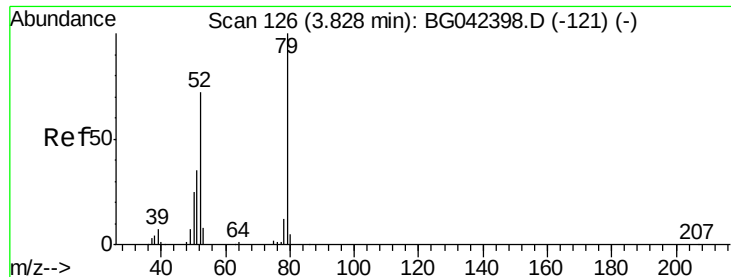
1,4-Dioxane
Concen: 44.706 ng
RT: 3.42 min Scan# 56
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Tgt Ion: 88 Resp: 30911
Ion Ratio Lower Upper
88 100
58 73.2 58.3 87.5
43 25.4 20.2 30.2



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





#3

Pvridine

Concen: 36.164 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

Instrument :

BNA_F

ClientSampled :

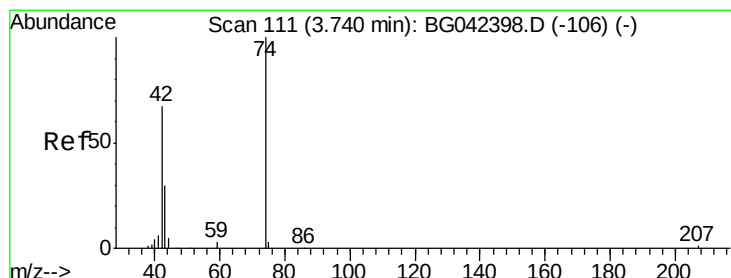
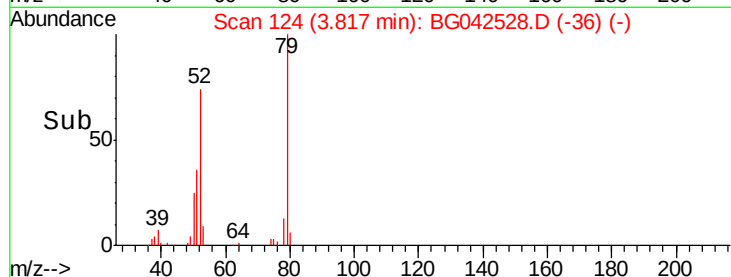
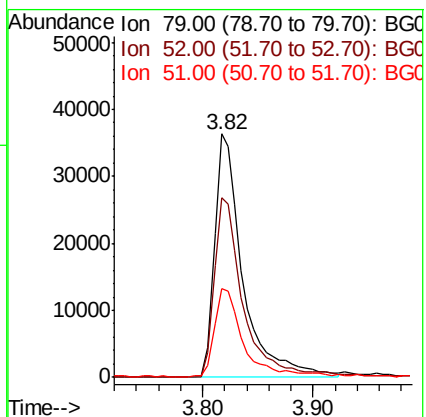
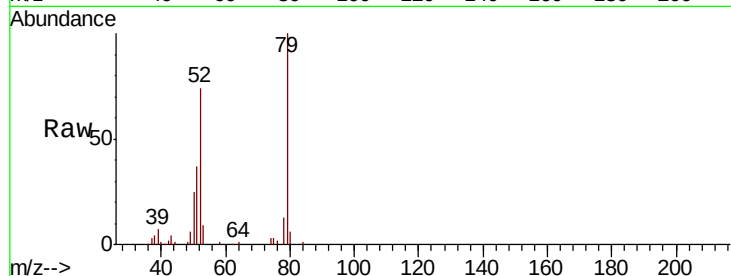
Tot Ion: 79 Resp: 64119

Ion Ratio Lower Upper

79 100

52 74.0 57.7 86.5

51 36.5 28.8 43.2



#4

n-Nitrosodimethylamine

Concen: 46.237 ng

RT: 3.73 min Scan# 110

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

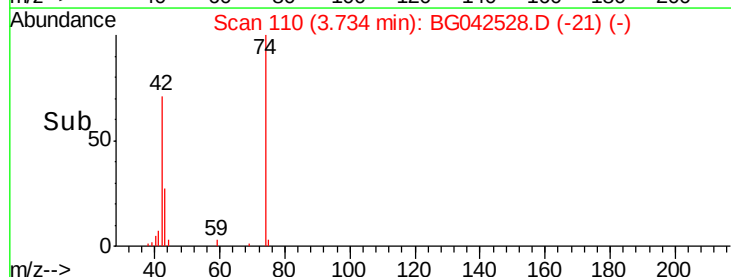
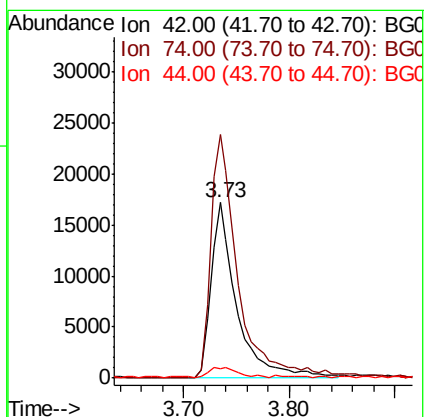
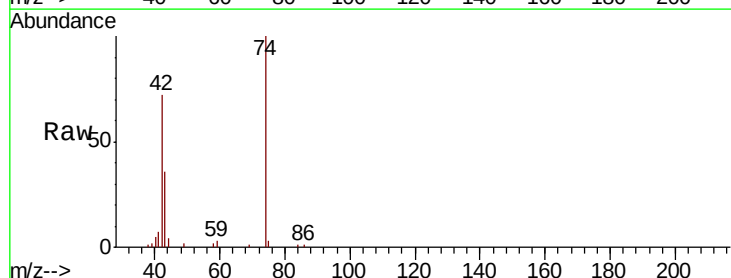
Tgt Ion: 42 Resp: 29280

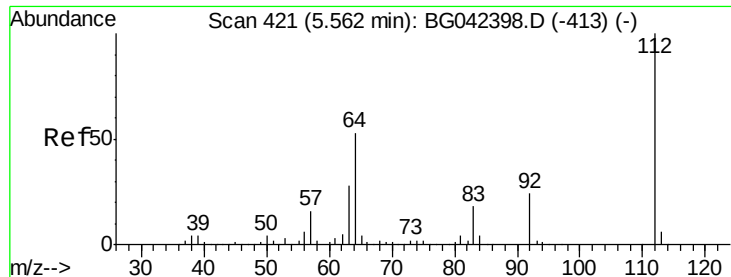
Ion Ratio Lower Upper

42 100

74 138.6 119.6 179.4

44 5.6 6.5 9.7#





#5

2-Fluorophenol

Concen: 128.036 ng

RT: 5.56 min Scan# 420

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

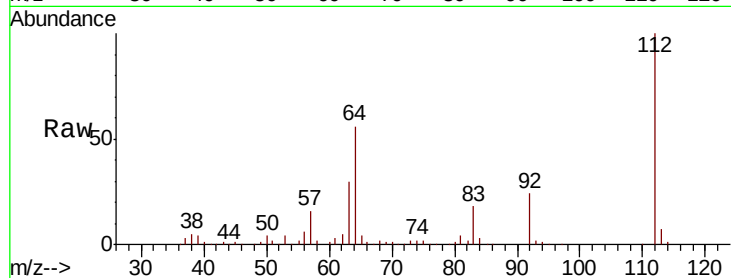
Tot Ion:112 Resp: 212137

Ion Ratio Lower Upper

112 100

64 55.6 42.8 64.2

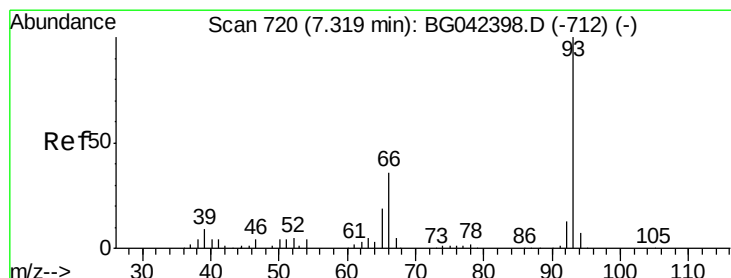
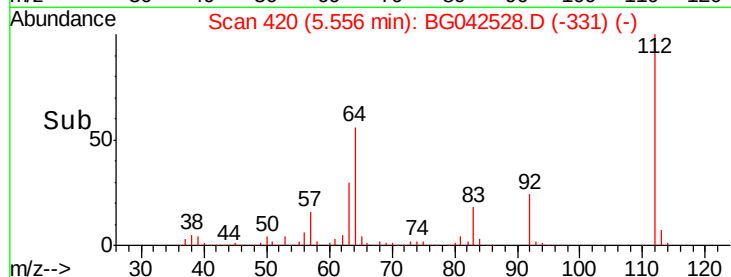
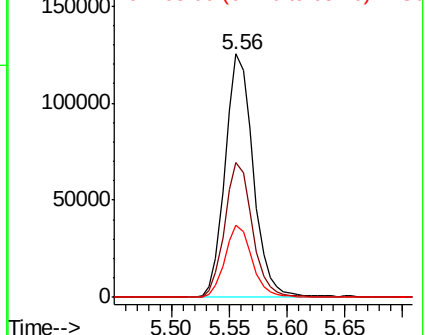
63 29.6 22.7 34.1



Abundance Ion 112.00 (111.70 to 112.70): B

Ion 64.00 (63.70 to 64.70): BGC

Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 31.898 ng

RT: 7.32 min Scan# 720

Delta R.T. -0.00 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

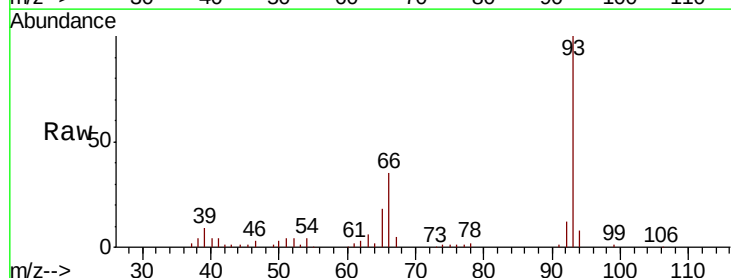
Tgt Ion: 93 Resp: 95218

Ion Ratio Lower Upper

93 100

66 35.3 29.0 43.6

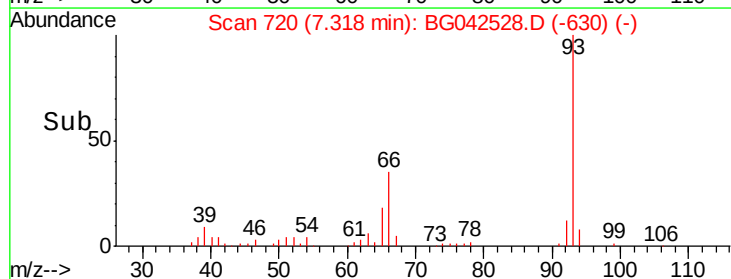
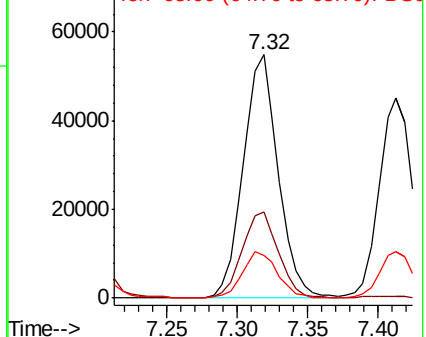
65 17.7 15.2 22.8

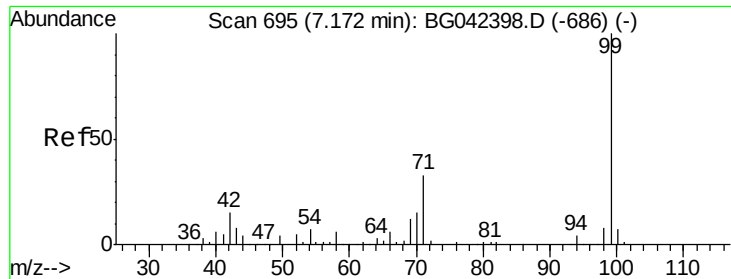


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 121.410 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

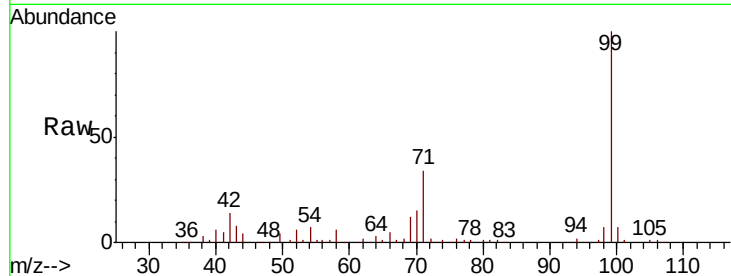
Tot Ion: 99 Resp: 271719

Ion Ratio Lower Upper

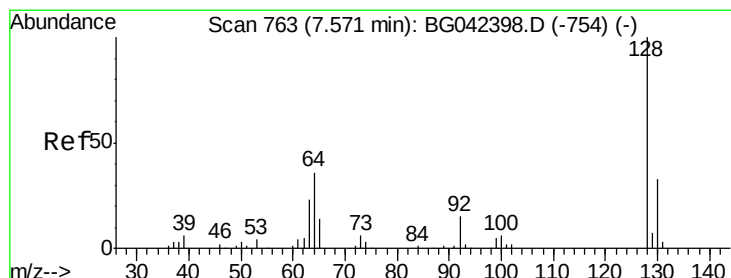
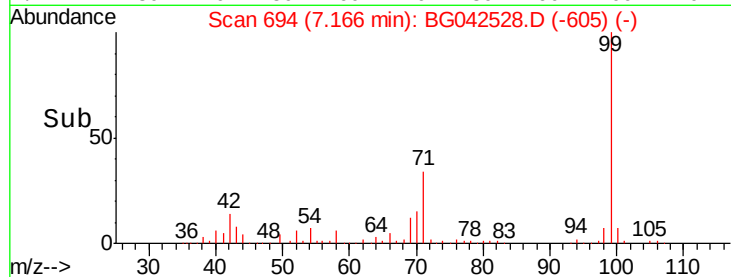
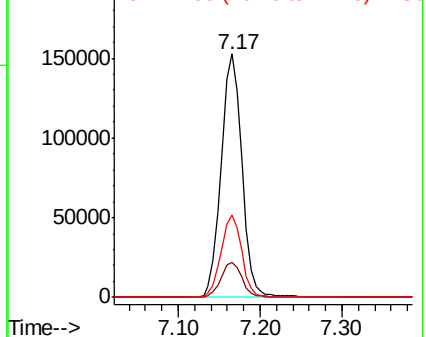
99 100

42 14.2 12.0 18.0

71 34.0 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: 47.134 ng

RT: 7.57 min Scan# 762

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

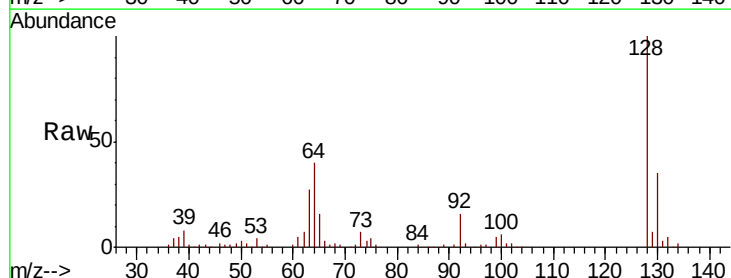
Tgt Ion: 128 Resp: 94644

Ion Ratio Lower Upper

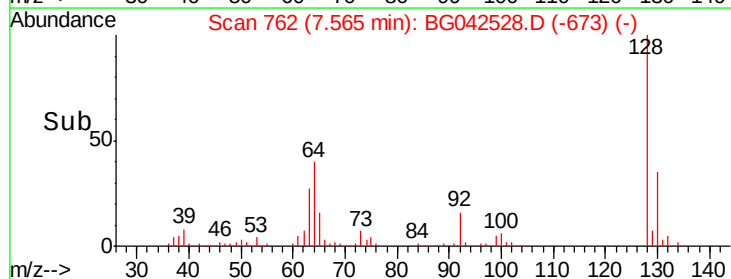
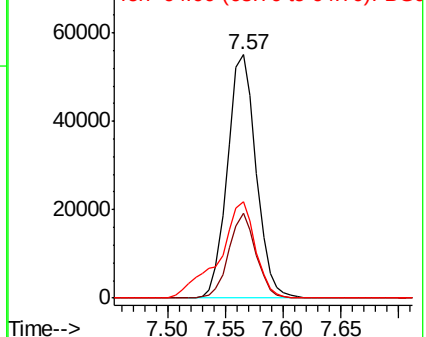
128 100

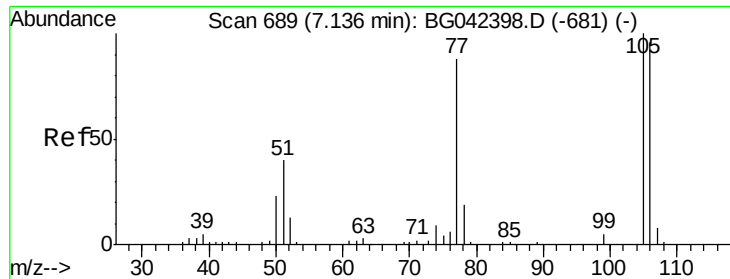
130 35.0 12.8 52.8

64 39.6 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: 48.771 ng

RT: 7.12 min Scan# 687

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

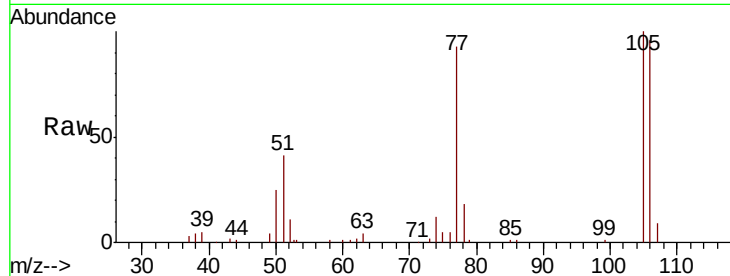
Tot Ion: 77 Resp: 54645

Ion Ratio Lower Upper

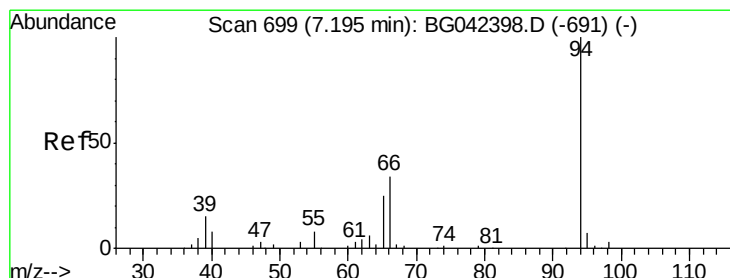
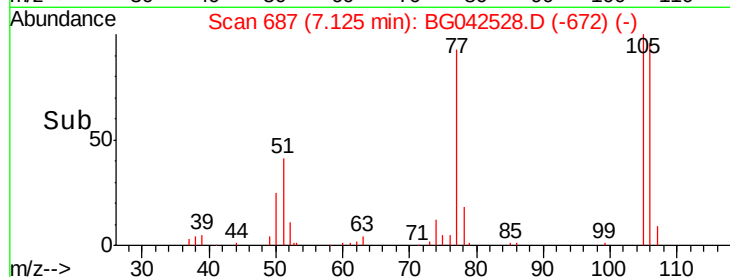
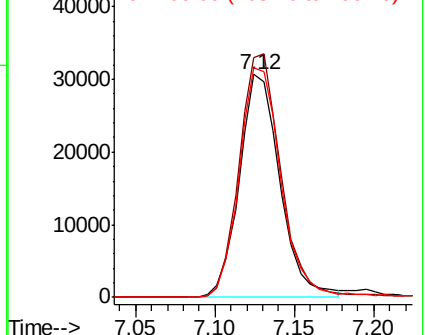
77 100

105 107.9 93.4 133.4

106 103.3 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: 47.299 ng

RT: 7.19 min Scan# 698

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

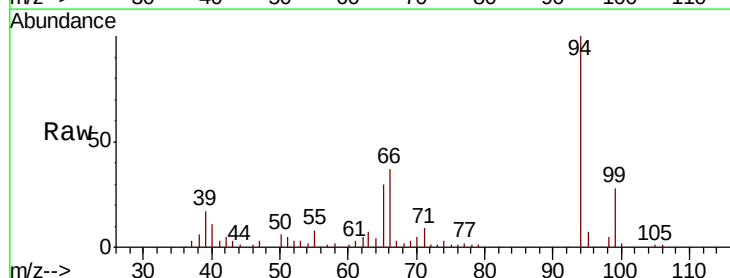
Tgt Ion: 94 Resp: 107628

Ion Ratio Lower Upper

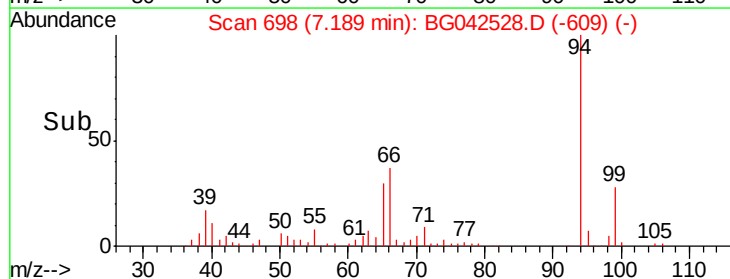
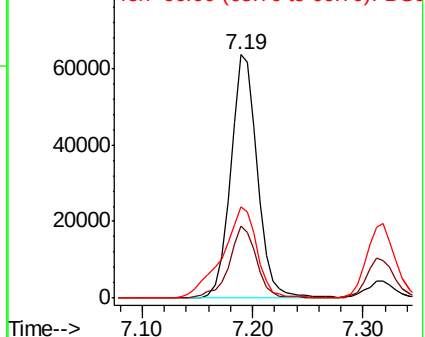
94 100

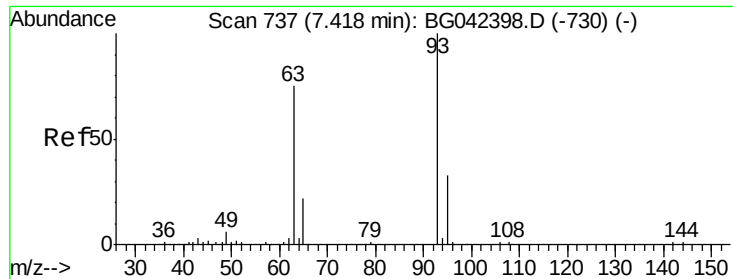
65 29.6 5.6 45.6

66 37.2 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: 41.299 ng

RT: 7.41 min Scan# 736

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

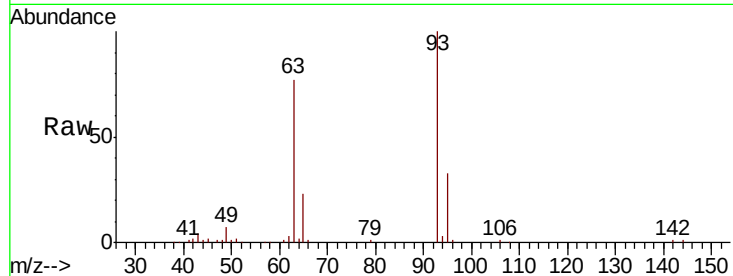
Tot Ion: 93 Resp: 73805

Ion Ratio Lower Upper

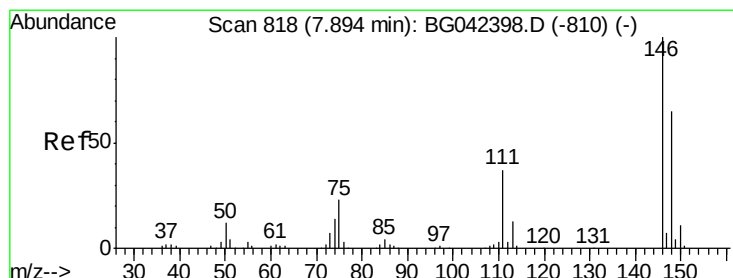
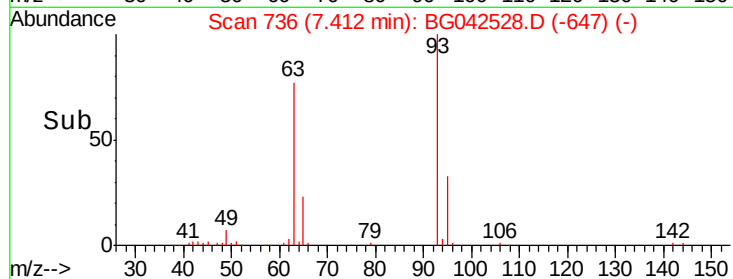
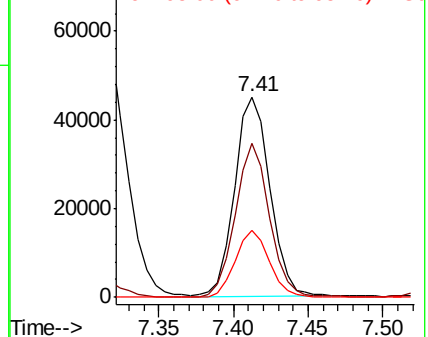
93 100

63 76.8 53.8 93.8

95 33.5 13.1 53.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 63.00 (62.70 to 63.70): BGC
Ion 95.00 (94.70 to 95.70): BGC



#12

1,3-Dichlorobenzene

Concen: 42.234 ng

RT: 7.89 min Scan# 817

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

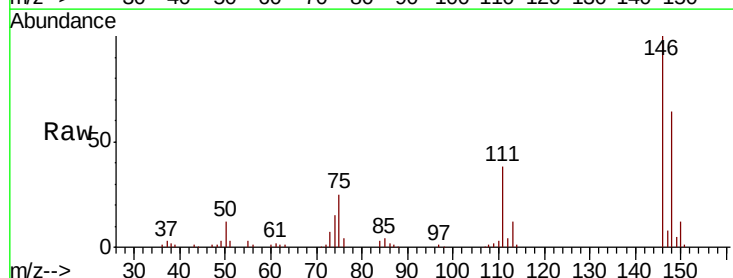
Tgt Ion: 146 Resp: 107884

Ion Ratio Lower Upper

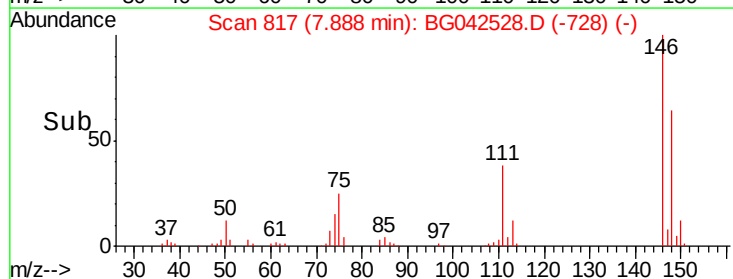
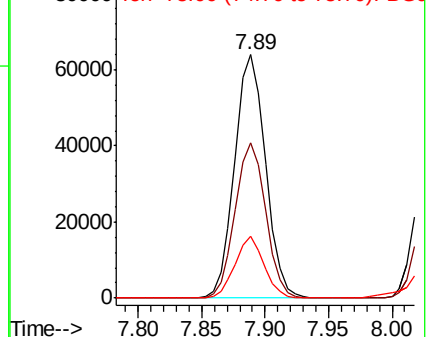
146 100

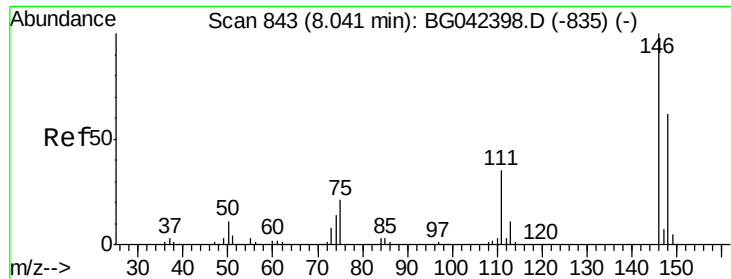
148 64.0 52.2 78.2

75 25.2 18.0 27.0



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 75.00 (74.70 to 75.70): BGC

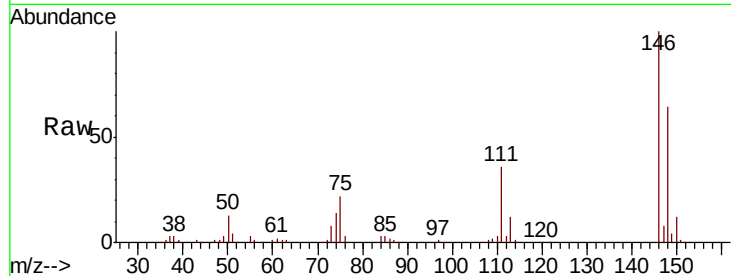




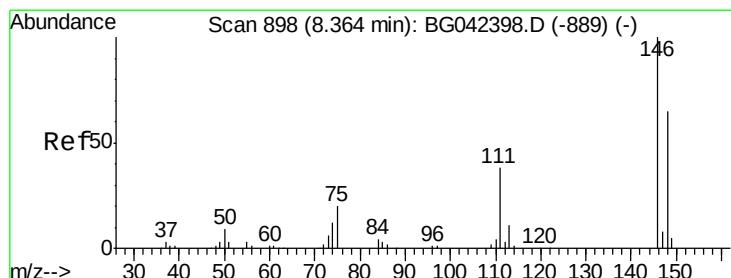
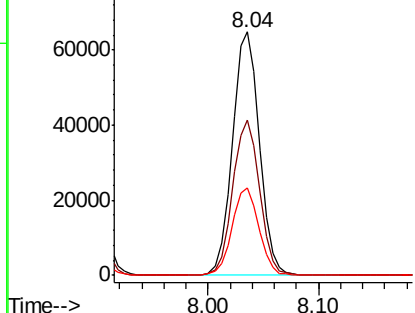
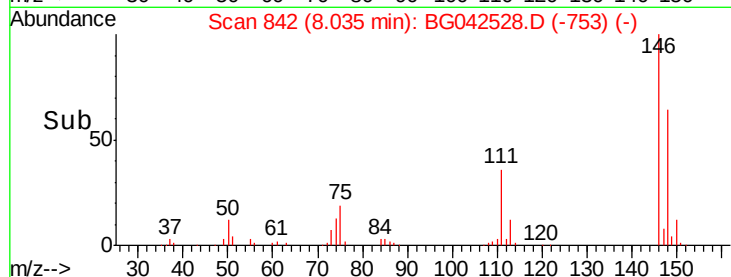
#13
 1,4-Dichlorobenzene
 Concen: 42.927 ng
 RT: 8.04 min Scan# 842
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 111071
 Ion Ratio Lower Upper
 146 100
 148 63.5 49.5 74.3
 111 35.7 28.1 42.1

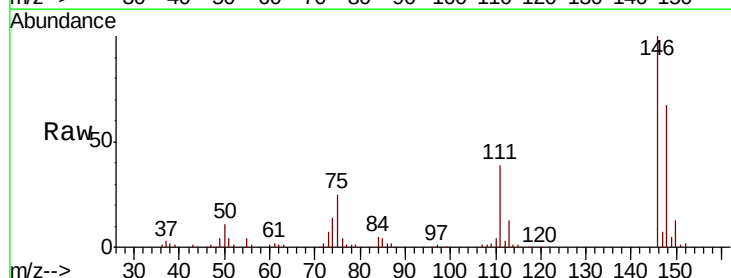


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

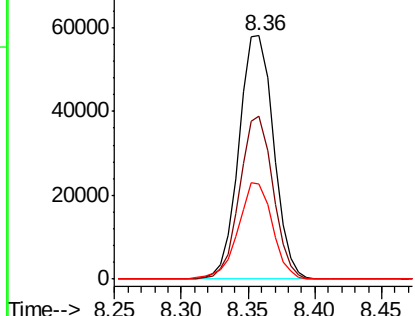
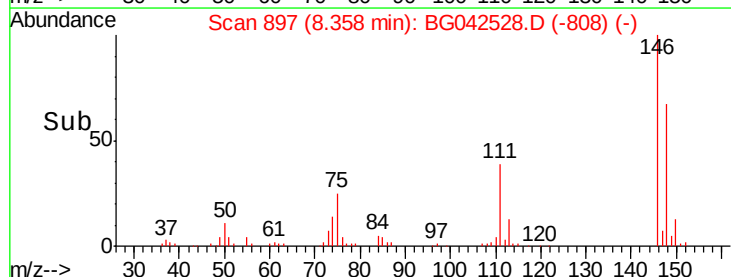


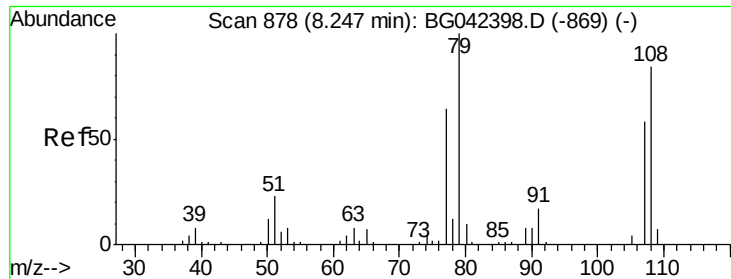
#14
 1,2-Dichlorobenzene
 Concen: 42.131 ng
 RT: 8.36 min Scan# 897
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

Tgt Ion:146 Resp: 104394
 Ion Ratio Lower Upper
 146 100
 148 67.1 51.8 77.6
 111 38.8 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: 43.014 ng

RT: 8.24 min Scan# 877

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

Instrument :

BNA_F

ClientSampled :

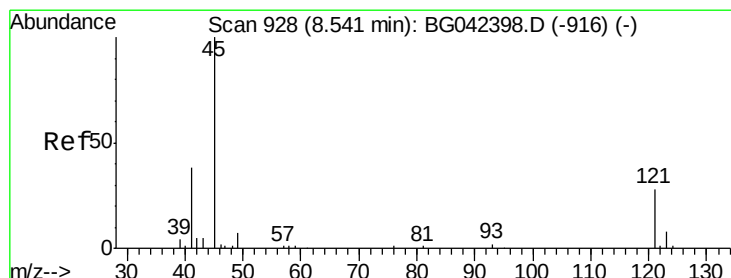
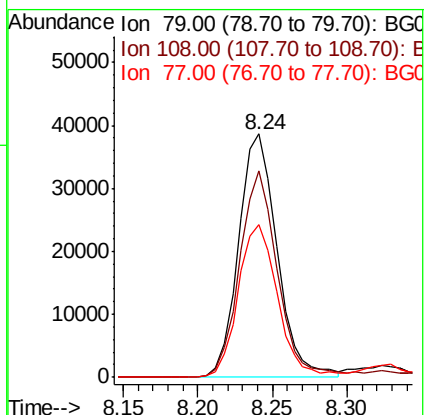
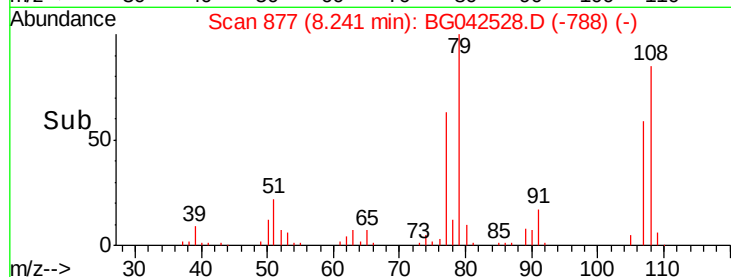
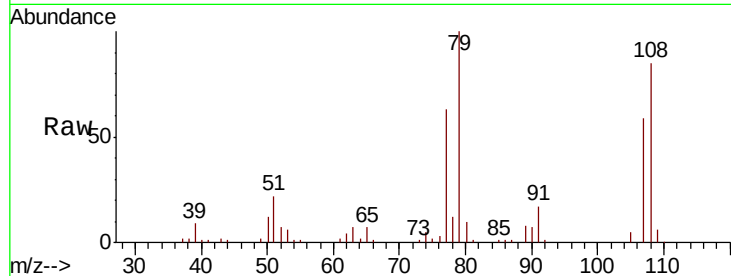
Tot Ion: 79 Resp: 69258

Ion Ratio Lower Upper

79 100

108 84.9 67.4 101.2

77 62.8 50.8 76.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.947 ng

RT: 8.53 min Scan# 926

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

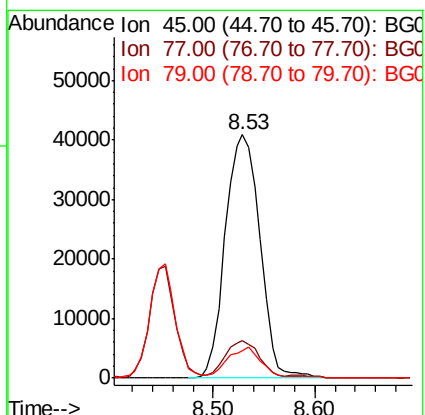
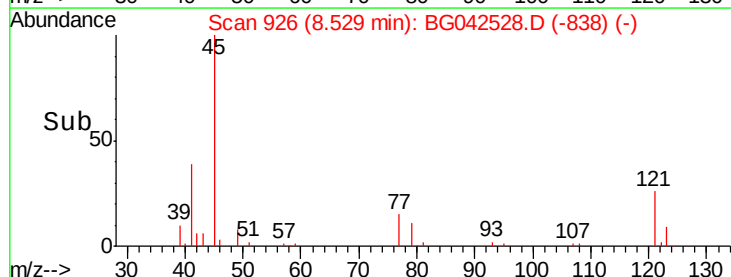
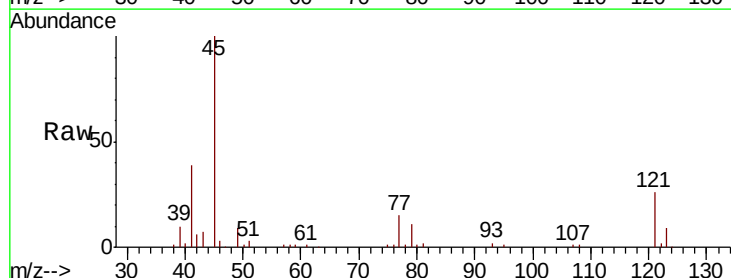
Tgt Ion: 45 Resp: 96759

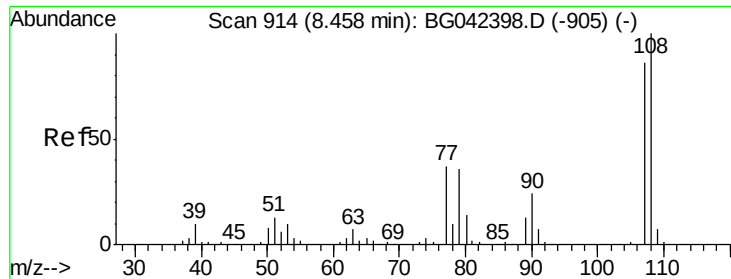
Ion Ratio Lower Upper

45 100

77 15.5 0.0 35.6

79 11.4 0.0 31.6





#17

2-Methylphenol

Concen: 46.048 ng

RT: 8.45 min Scan# 913

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 77178

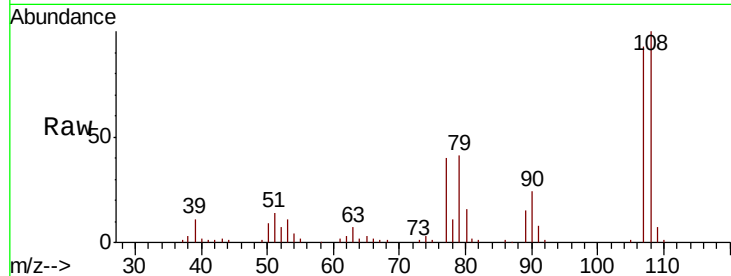
Ion Ratio Lower Upper

107 100

108 107.6 92.9 139.3

77 43.4 34.4 51.6

79 44.2 33.8 50.6

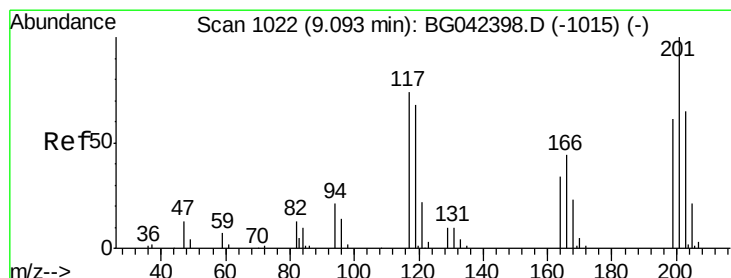
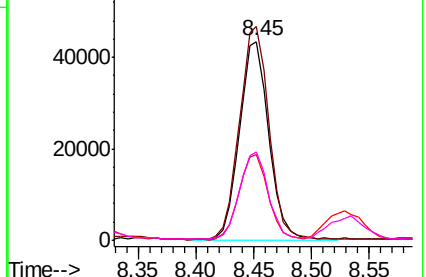
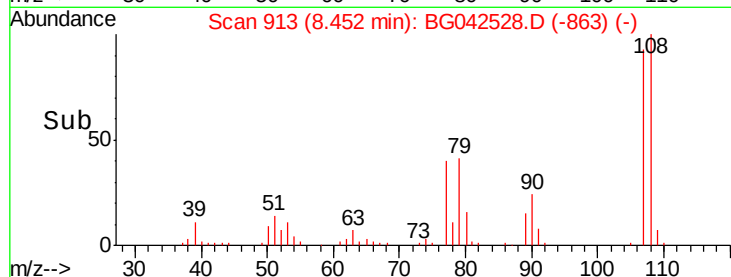


Abundance Ion 107.00 (106.70 to 107.70): E

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: 41.959 ng

RT: 9.09 min Scan# 1021

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

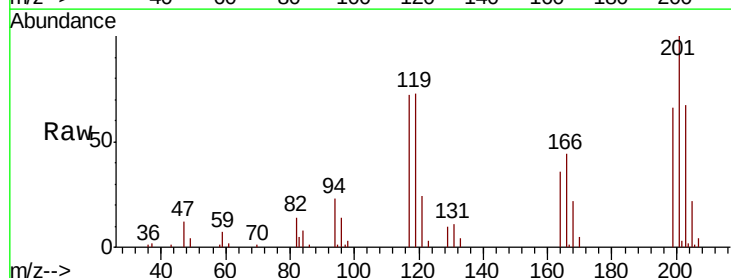
Tgt Ion:117 Resp: 37167

Ion Ratio Lower Upper

117 100

119 101.0 73.8 110.8

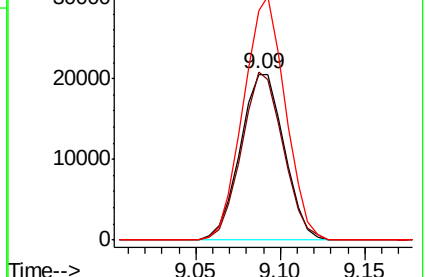
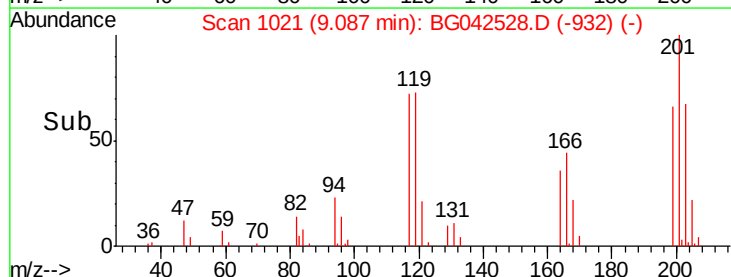
201 138.6 108.3 162.5

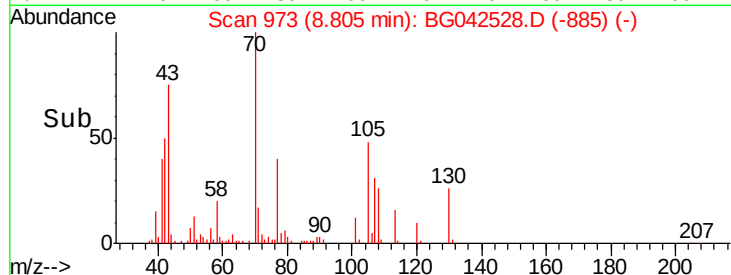
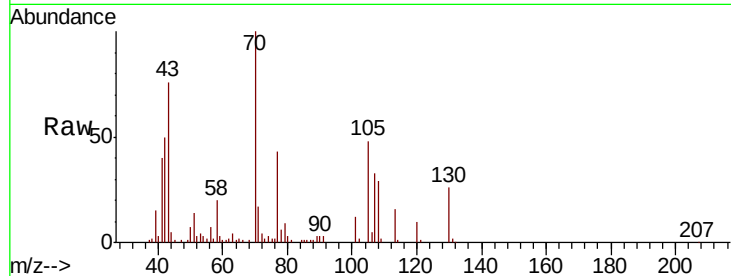
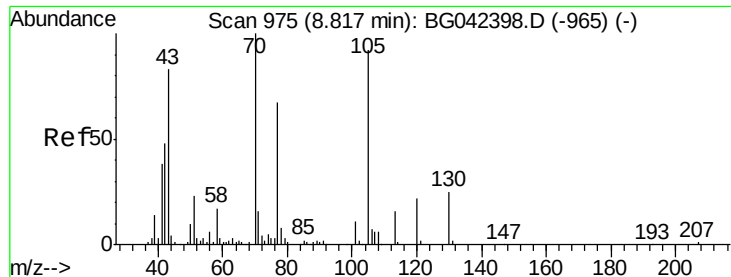


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

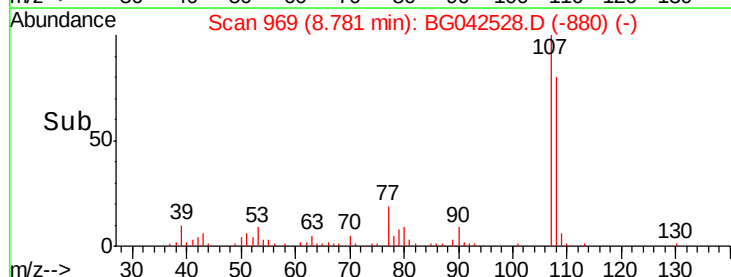
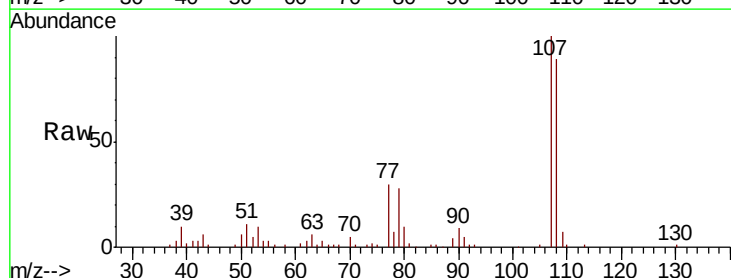
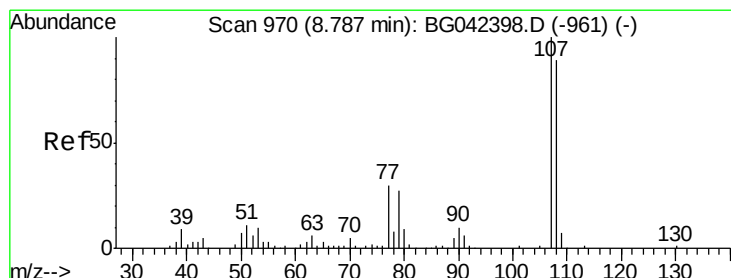
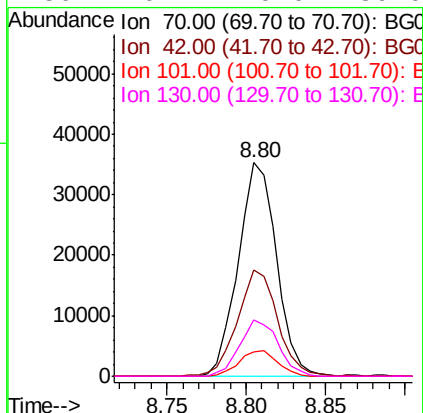




#19
n-Nitroso-di-n-propylamine
Concen: 40.889 ng
RT: 8.80 min Scan# 973
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

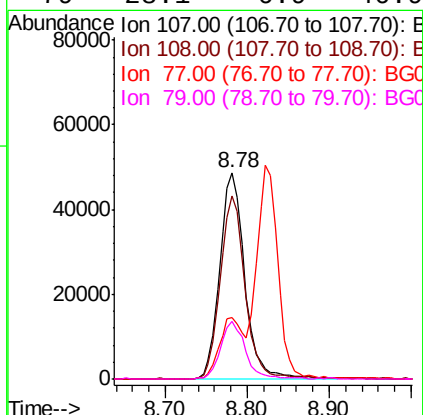
Instrument :
BNA_F
ClientSampleId :

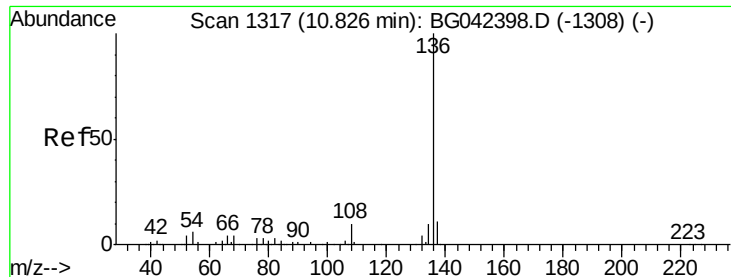
Tot Ion:	70	Resp:	59286
Ion	Ratio	Lower	Upper
70	100		
42	49.6	38.8	58.2
101	11.7	9.0	13.6
130	26.2	20.0	30.0



#20
3+4-Methylphenols
Concen: 44.689 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Tgt Ion:	107	Resp:	103644
Ion	Ratio	Lower	Upper
107	100		
108	88.6	68.7	108.7
77	29.9	10.2	50.2
79	28.1	6.9	46.9

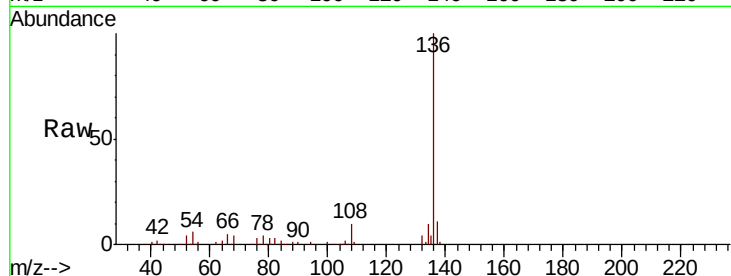




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.82 min Scan# 1316
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	135593
Ion Ratio	Lower	Upper
136 100		
137 11.0	8.7	13.1
54 6.2	4.9	7.3
68 4.4	3.6	5.4



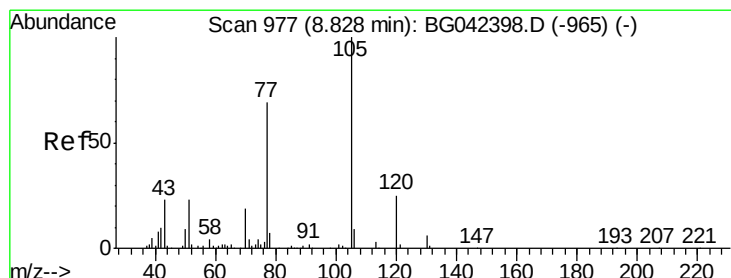
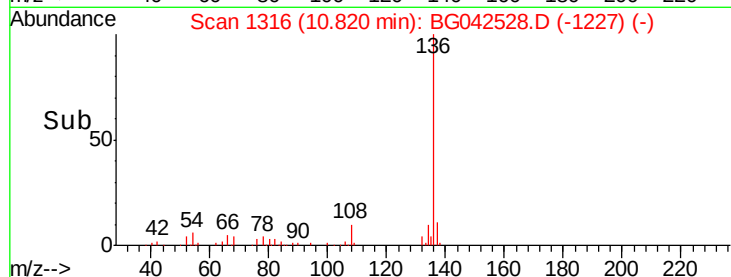
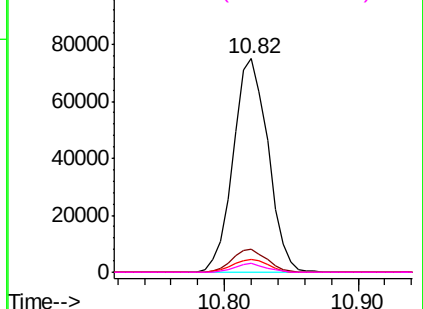
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

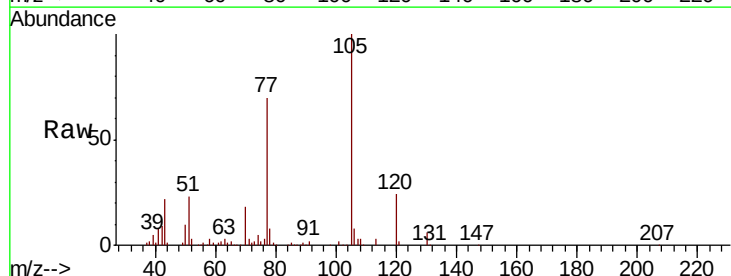
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 44.677 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Tgt	Ion:105	Resp:	129569
Ion	Ratio	Lower	Upper
105	100		
71	3.1	2.8	4.2
51	22.9	18.7	28.1
120	24.0	20.1	30.1



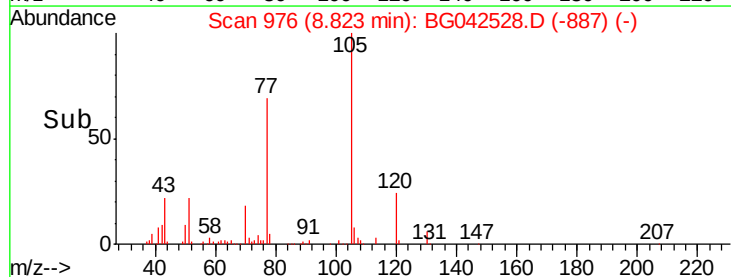
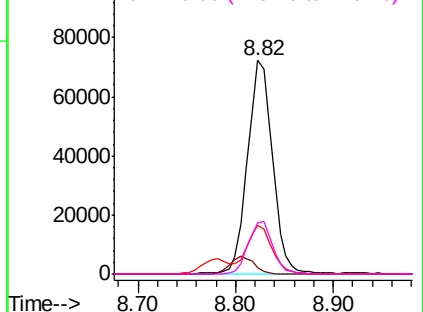
Abundance

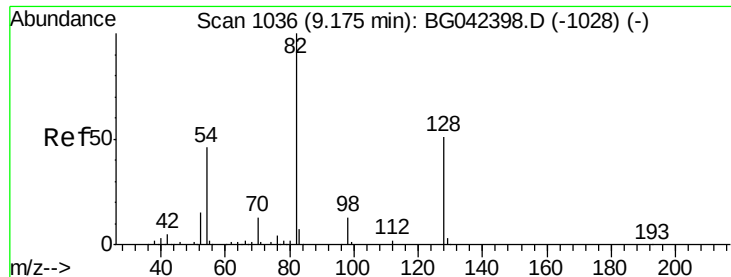
Ion 105.00 (104.70 to 105.70): E

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

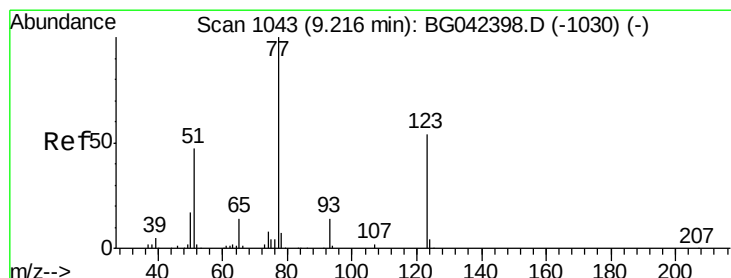
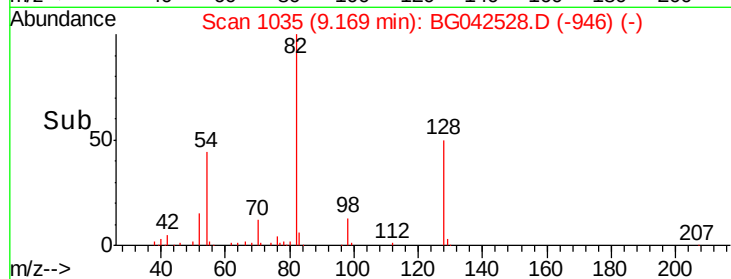
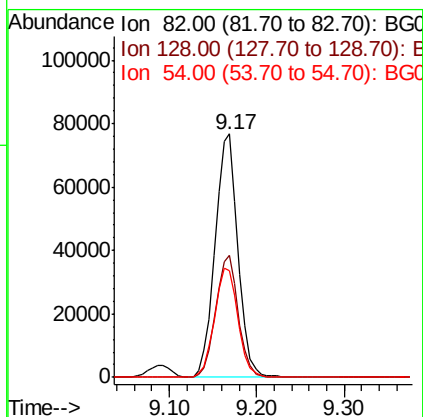
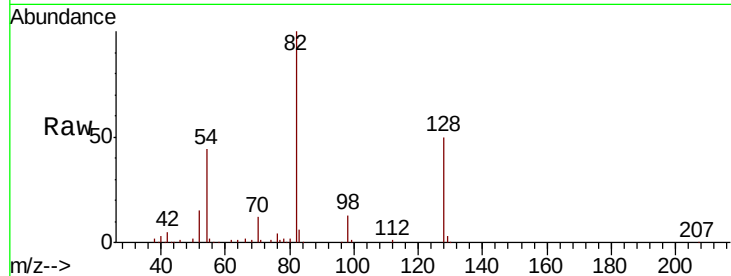




#23
Nitrobenzene-d5
Concen: 70.883 ng
RT: 9.17 min Scan# 1035
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

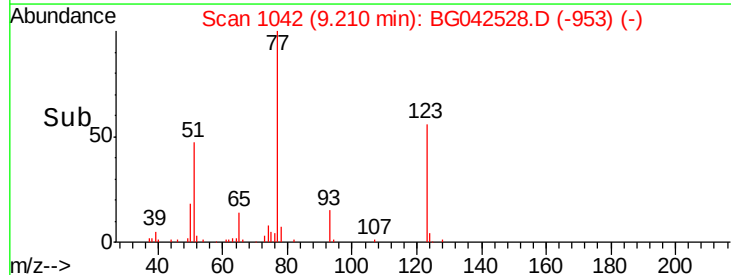
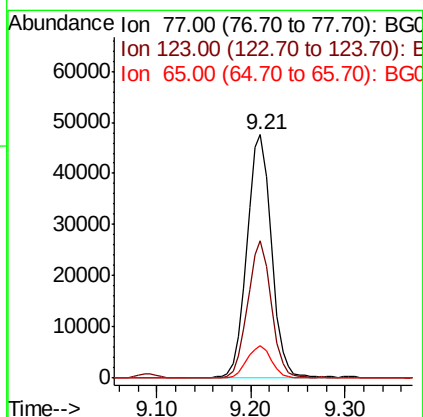
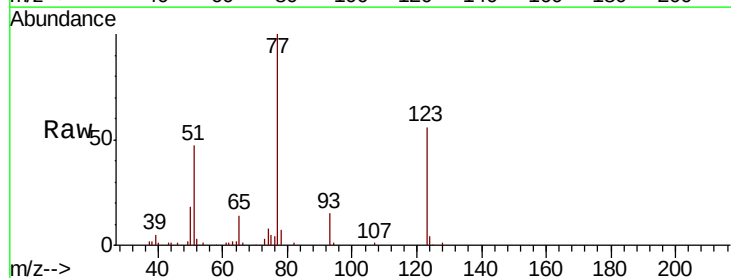
Instrument :
BNA_F
ClientSampled :

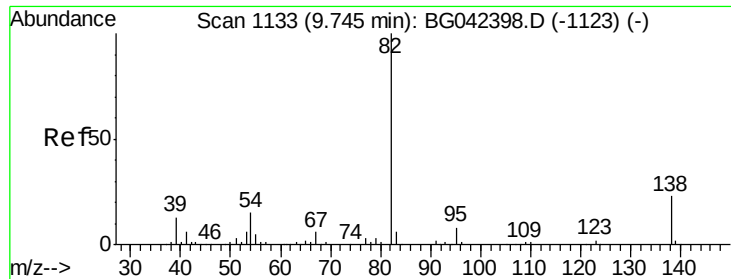
Tot Ion	82	Resp	139083
Ion Ratio	Lower	Upper	
82	100		
128	50.3	40.7	61.1
54	44.1	36.3	54.5



#24
Nitrobenzene
Concen: 43.406 ng
RT: 9.21 min Scan# 1042
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Tgt Ion	77	Resp	86246
Ion Ratio	Lower	Upper	
77	100		
123	56.2	43.4	65.0
65	13.6	11.0	16.6

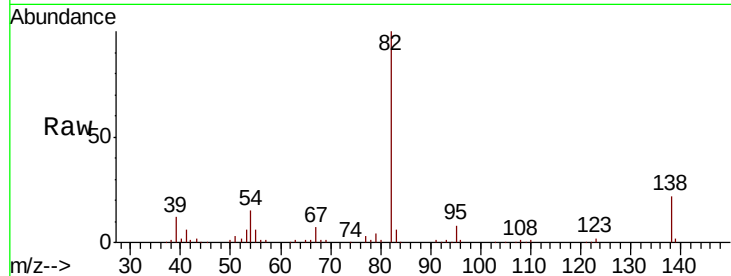




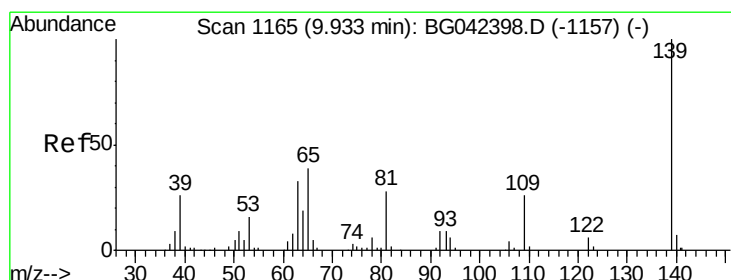
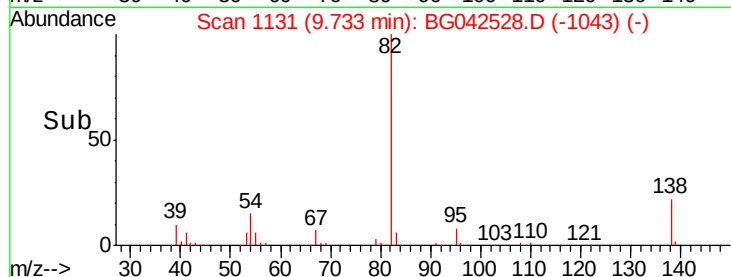
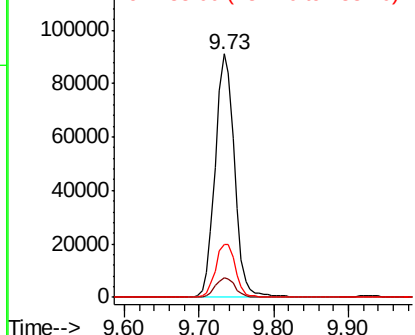
#25
Isophorone
Concen: 42.215 ng
RT: 9.73 min Scan# 1131
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion: 82 Resp: 163474
Ion Ratio Lower Upper
82 100
95 8.3 6.6 9.8
138 21.6 18.6 27.8

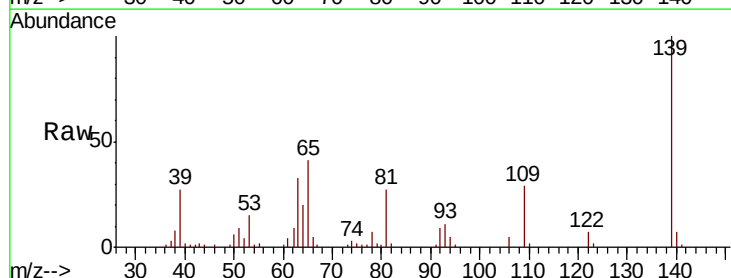


Abundance Ion 82.00 (81.70 to 82.70): BGC
Ion 95.00 (94.70 to 95.70): BGC
Ion 138.00 (137.70 to 138.70): BGC

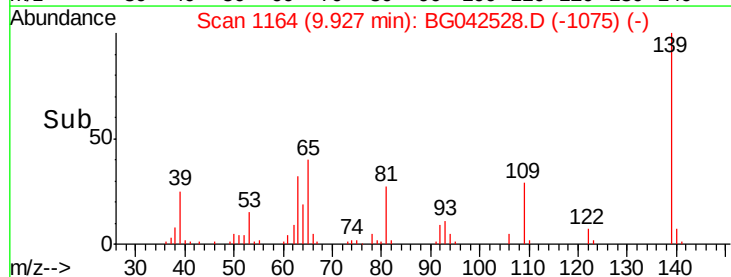
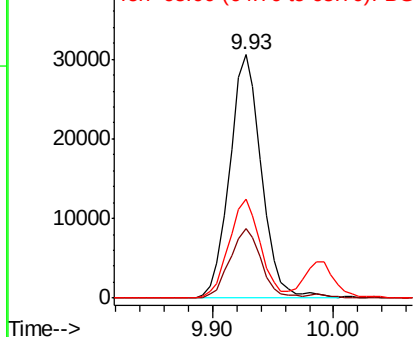


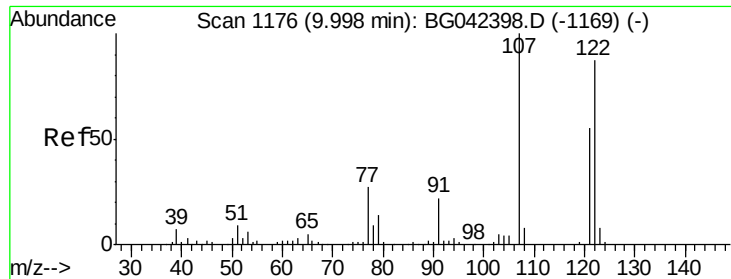
#26
2-Nitrophenol
Concen: 44.925 ng
RT: 9.93 min Scan# 1164
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Tgt Ion: 139 Resp: 55939
Ion Ratio Lower Upper
139 100
109 28.5 20.5 30.7
65 40.6 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

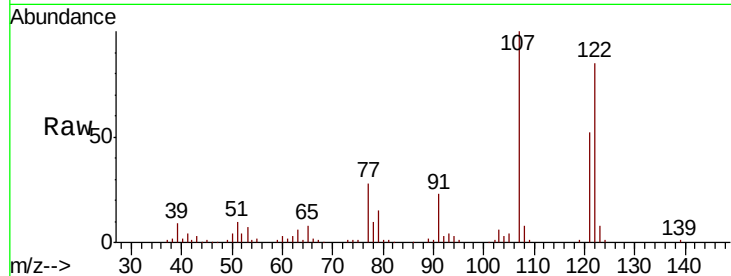




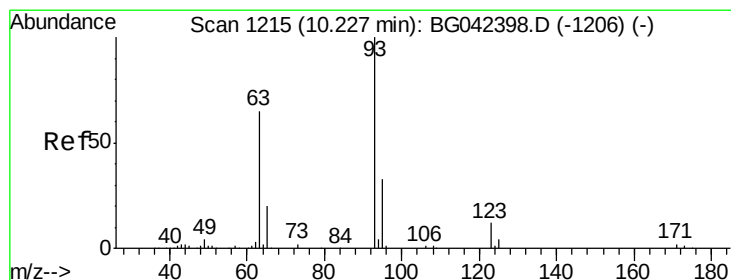
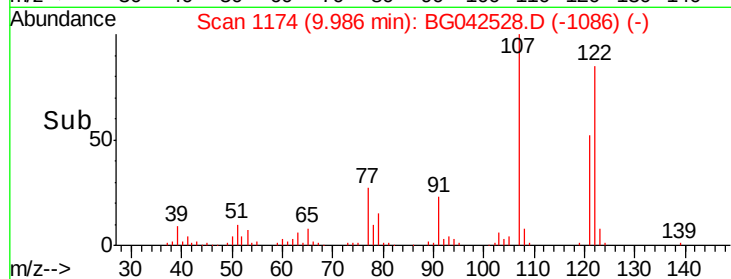
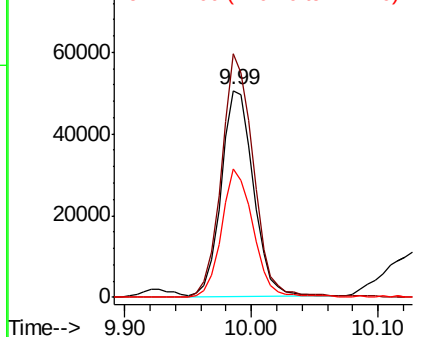
#27
 2,4-Dimethylphenol
 Concen: 51.657 ng
 RT: 9.99 min Scan# 1174
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:122 Resp: 88603
 Ion Ratio Lower Upper
 122 100
 107 117.8 90.8 136.2
 121 61.8 49.6 74.4

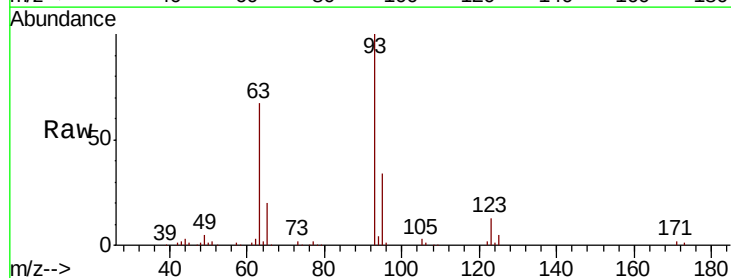


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

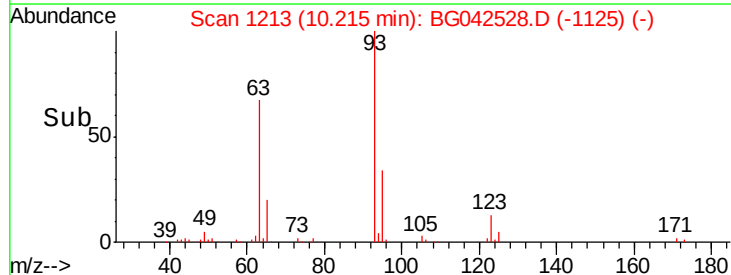
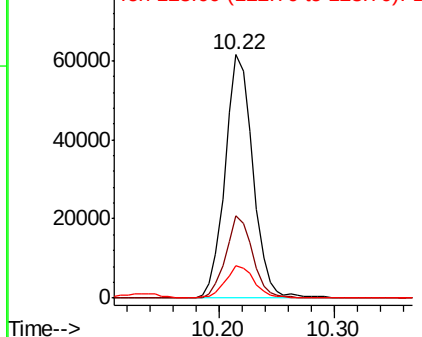


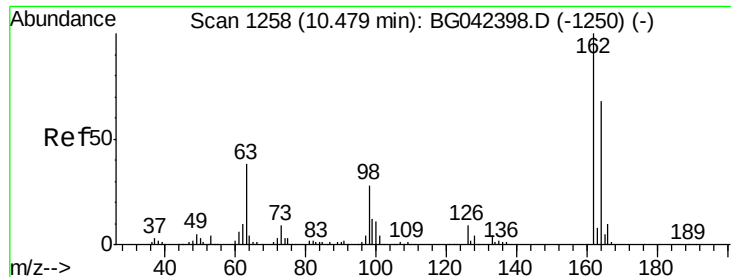
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.071 ng
 RT: 10.22 min Scan# 1213
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

Tgt Ion: 93 Resp: 102682
 Ion Ratio Lower Upper
 93 100
 95 33.6 26.6 40.0
 123 13.2 10.1 15.1



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E

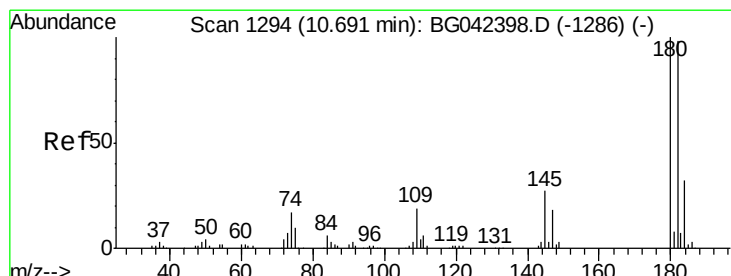
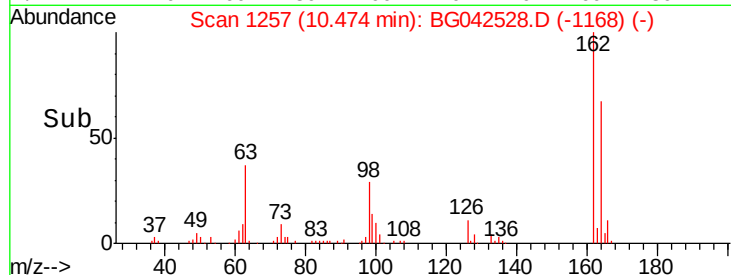
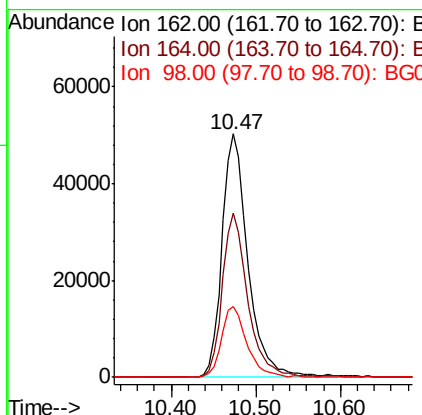
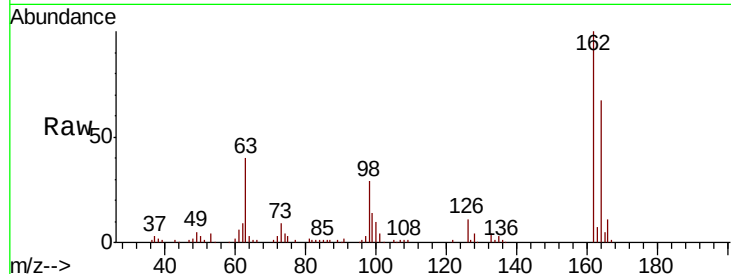




#29
 2,4-Dichlorophenol
 Concen: 47.603 ng
 RT: 10.47 min Scan# 1257
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

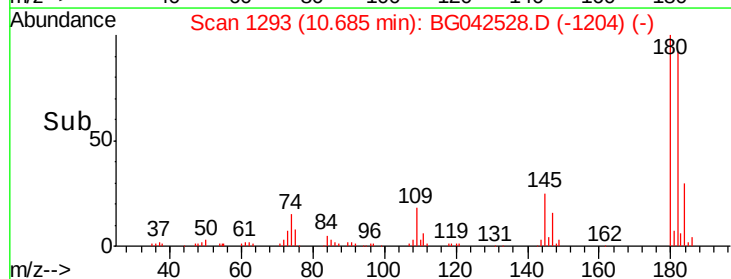
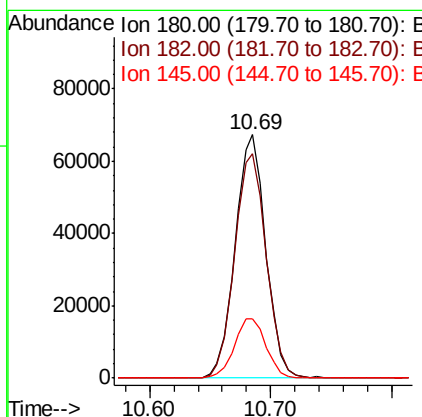
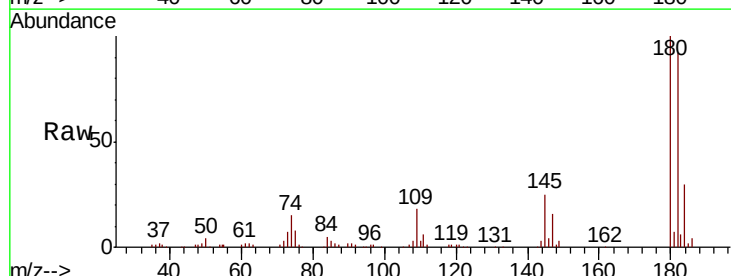
Instrument :
 BNA_F
 ClientSampleId :

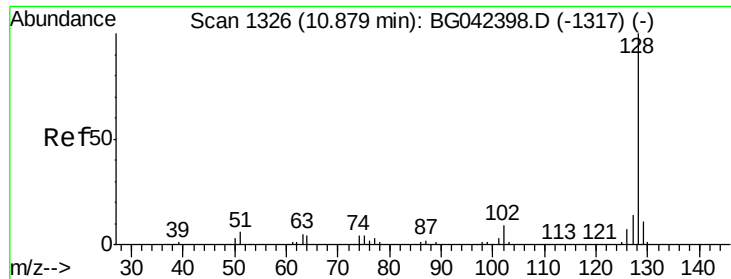
Tot Ion	162	Resp	106827
Ion	Ratio	Lower	Upper
162	100		
164	67.3	48.1	88.1
98	29.1	7.6	47.6



#30
 1,2,4-Trichlorobenzene
 Concen: 43.022 ng
 RT: 10.69 min Scan# 1293
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

Tgt Ion	180	Resp	118504
Ion	Ratio	Lower	Upper
180	100		
182	92.2	78.7	118.1
145	24.5	21.6	32.4

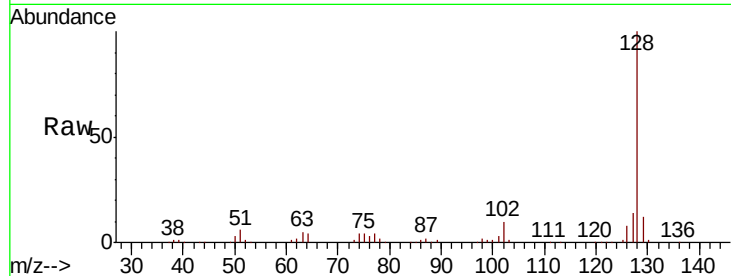




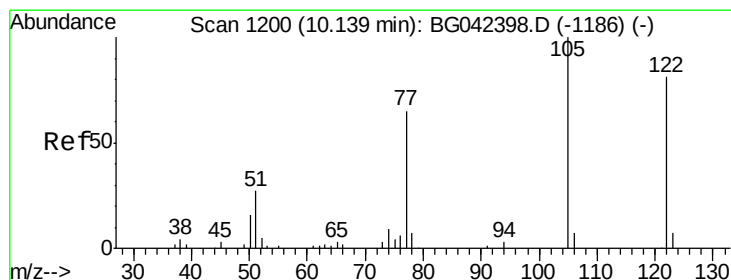
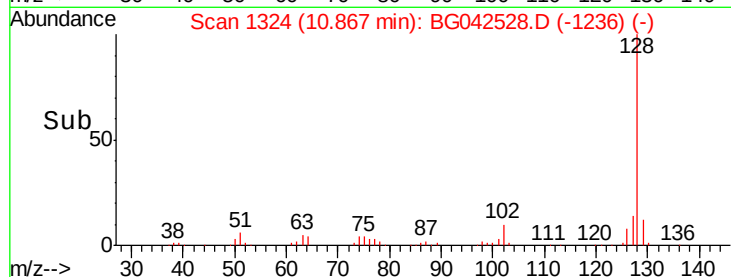
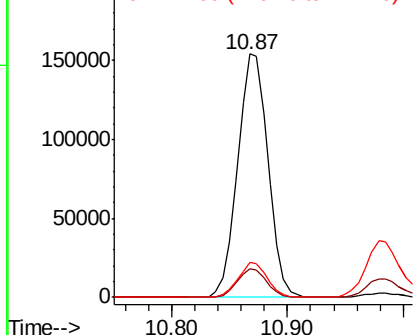
#31
Naphthalene
Concen: 44.455 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 279854
Ion Ratio Lower Upper
128 100
129 11.6 8.8 13.2
127 14.2 11.4 17.0

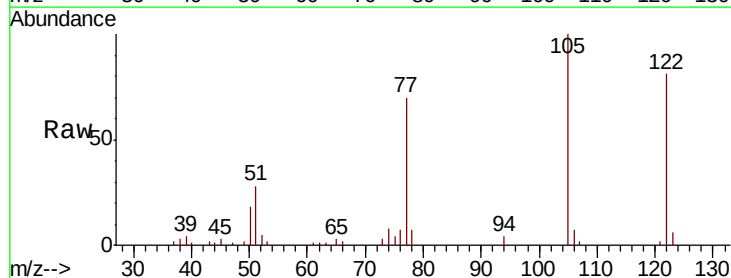


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

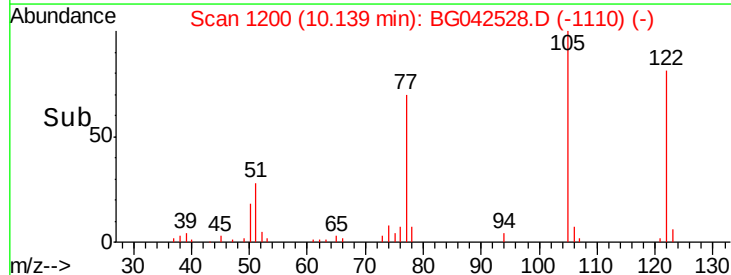
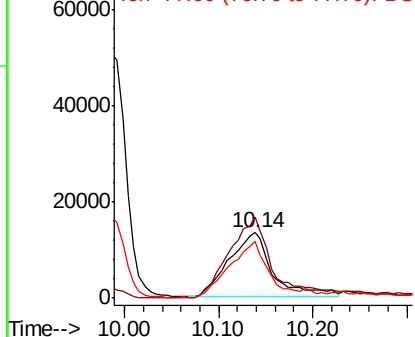


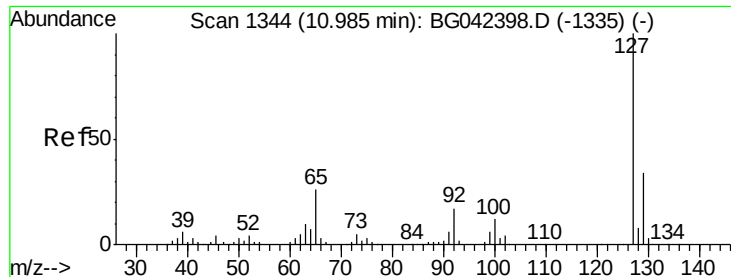
#32
Benzoic acid
Concen: 36.945 ng
RT: 10.14 min Scan# 1200
Delta R.T. 0.00 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Tgt Ion:122 Resp: 43167
Ion Ratio Lower Upper
122 100
105 123.1 99.6 139.6
77 86.7 59.5 99.5



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

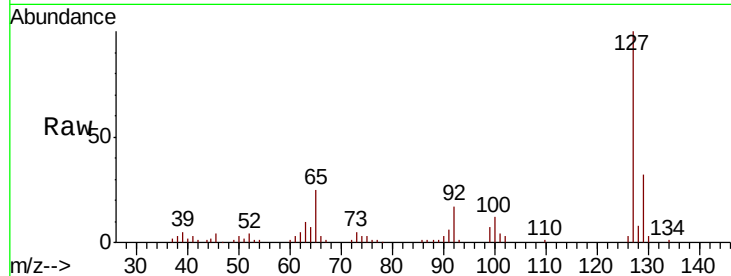




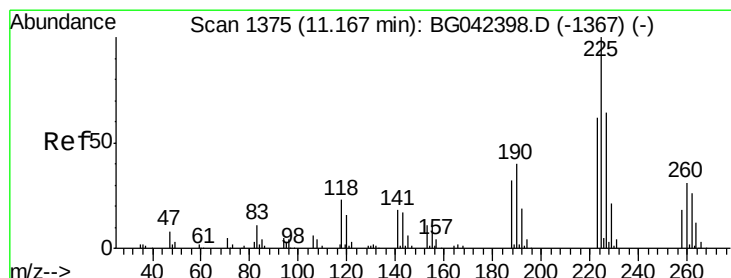
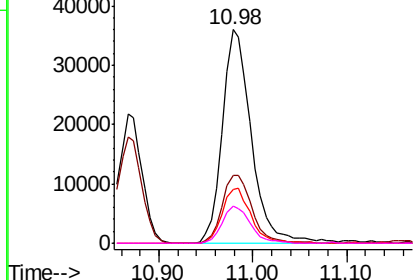
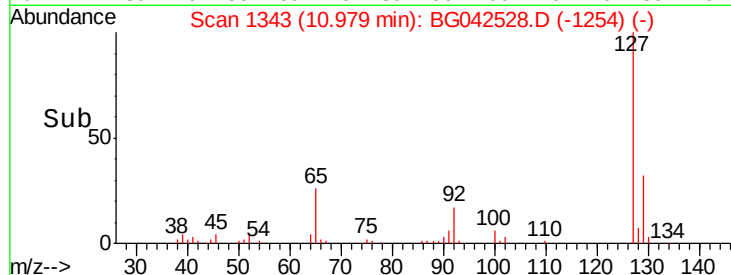
#33
4-Chloroaniline
Concen: 26.639 ng
RT: 10.98 min Scan# 1343
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:	127	Resp:	77415
Ion	Ratio	Lower	Upper
127	100		
129	31.6	26.8	40.2
65	25.4	20.7	31.1
92	17.3	13.6	20.4

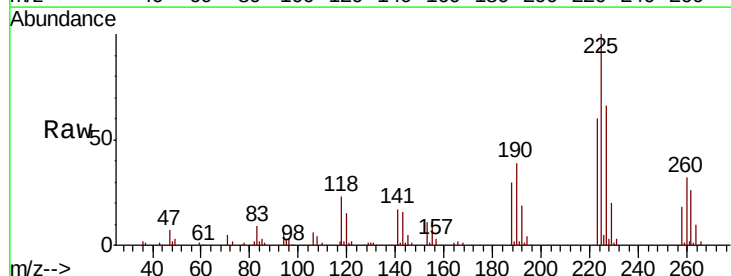


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

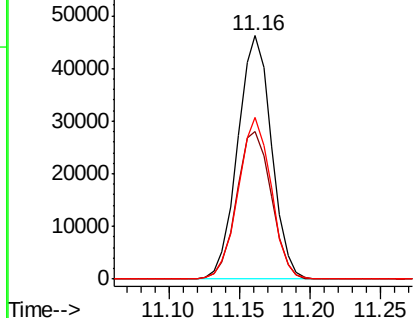
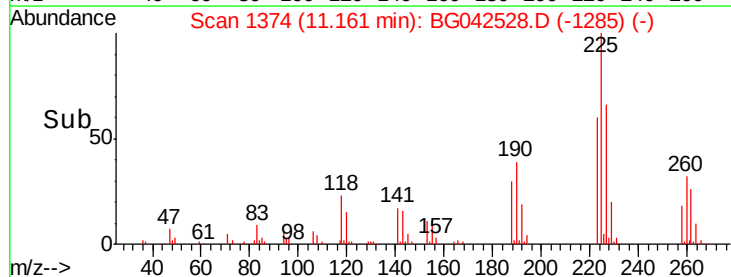


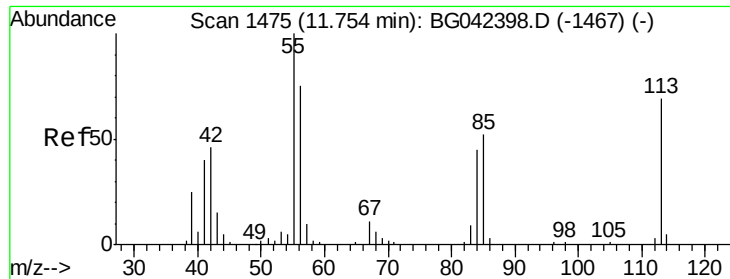
#34
Hexachlorobutadiene
Concen: 41.812 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Tgt Ion:	225	Resp:	77403
Ion	Ratio	Lower	Upper
225	100		
223	60.4	49.8	74.6
227	66.2	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

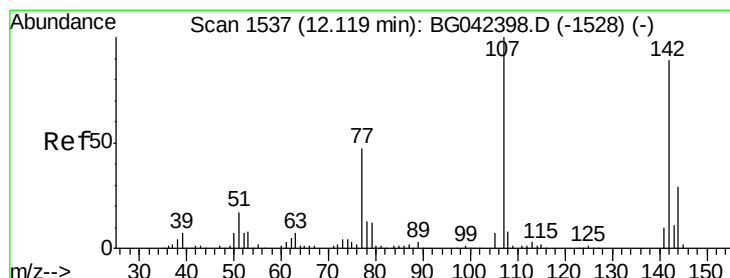
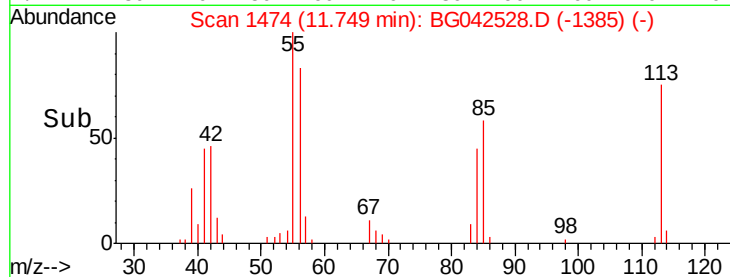
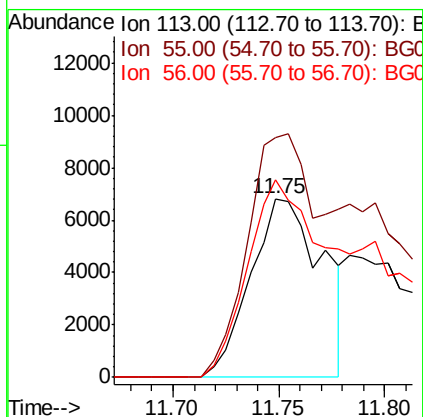
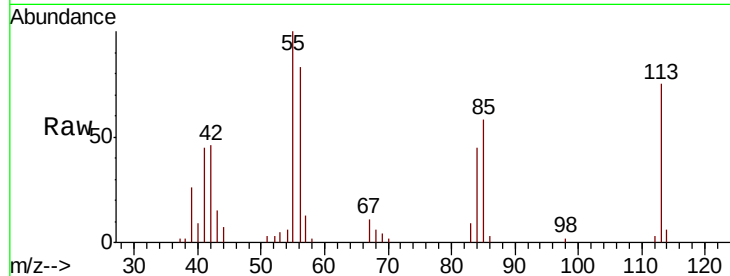




#35
 Caprolactam
 Concen: 21.486 ng
 RT: 11.75 min Scan# 1474
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

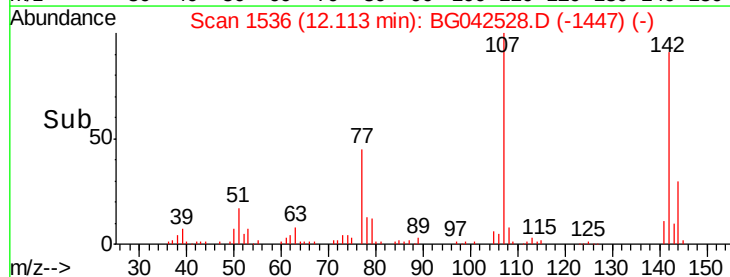
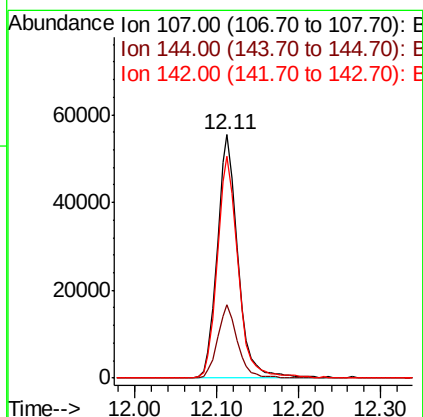
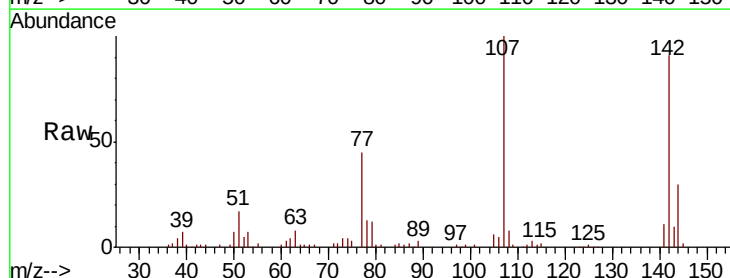
Instrument :
 BNA_F
 ClientSampleID :

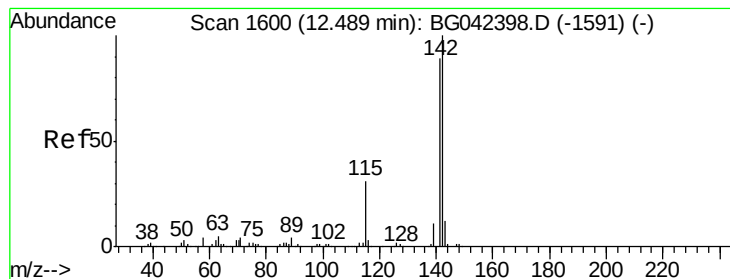
Tot Ion:113 Resp: 16089
 Ion Ratio Lower Upper
 113 100
 55 134.1 124.6 164.6
 56 110.7 88.3 128.3



#36
 4-Chloro-3-methylphenol
 Concen: 45.743 ng
 RT: 12.11 min Scan# 1536
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

Tgt Ion:107 Resp: 97446
 Ion Ratio Lower Upper
 107 100
 144 30.0 23.6 35.4
 142 91.0 71.0 106.4





#37

2-Methylnaphthalene

Concen: 44.105 ng

RT: 12.48 min Scan# 1599

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

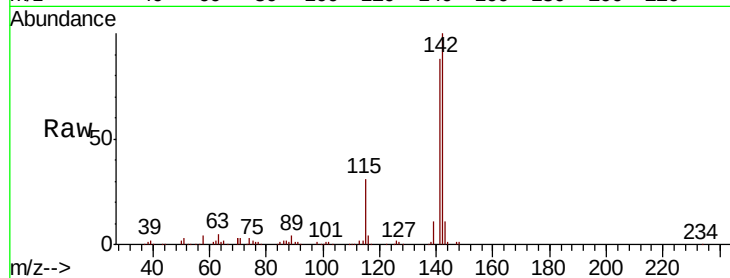
Tot Ion:142 Resp: 222944

Ion Ratio Lower Upper

142 100

141 88.5 71.4 107.2

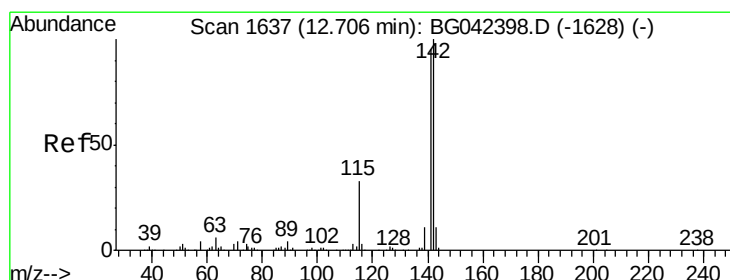
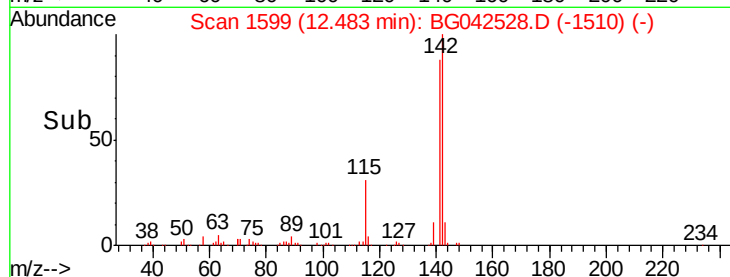
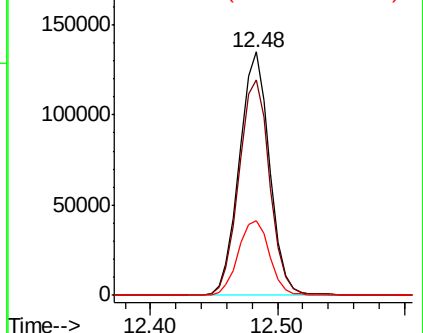
115 30.6 25.2 37.8



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: 43.582 ng

RT: 12.70 min Scan# 1636

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

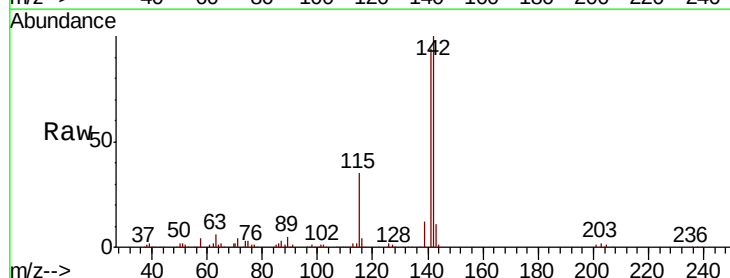
Tgt Ion:142 Resp: 209256

Ion Ratio Lower Upper

142 100

141 94.4 76.2 114.2

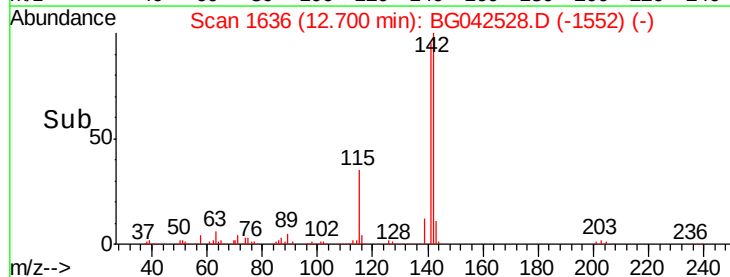
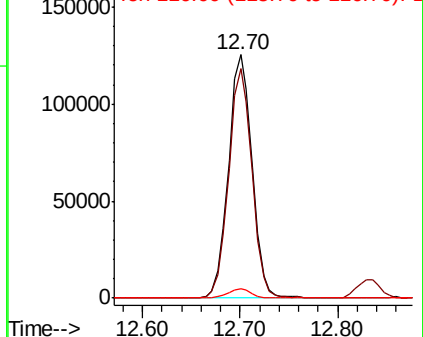
116 4.0 2.8 4.2

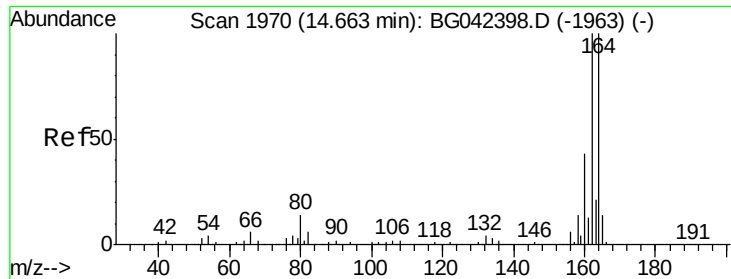


Abundance Ion 142.00 (141.70 to 142.70): E

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# 1969

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

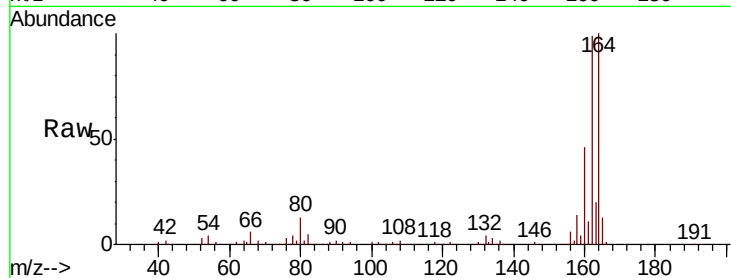
Tot Ion:164 Resp: 103222

Ion Ratio Lower Upper

164 100

162 99.3 79.9 119.9

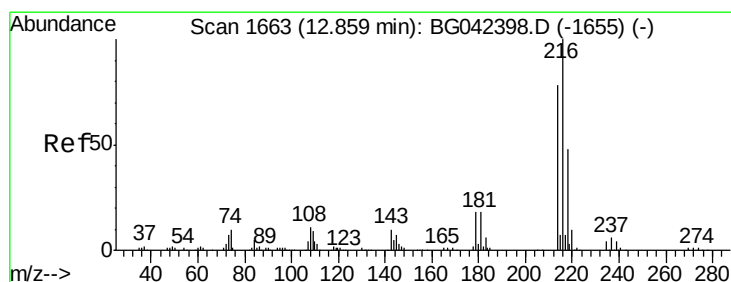
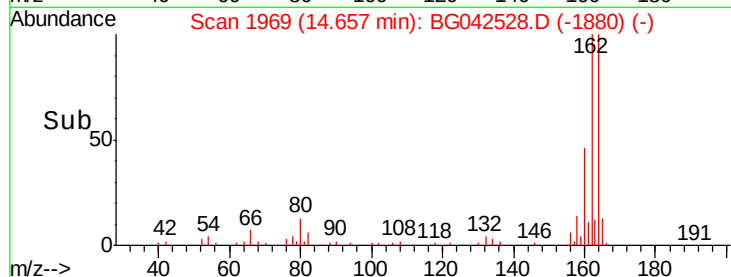
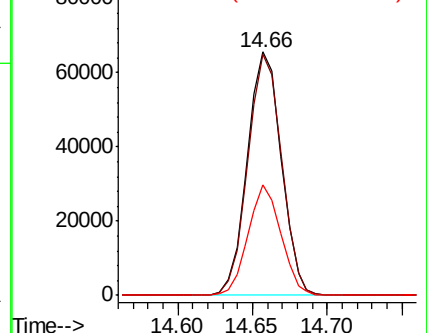
160 45.6 34.3 51.5



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: 44.464 ng

RT: 12.85 min Scan# 1662

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

Tgt Ion:216 Resp: 147392

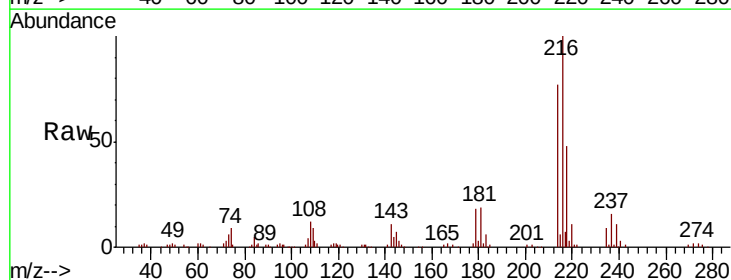
Ion Ratio Lower Upper

216 100

214 75.7 61.4 92.2

179 18.6 15.1 22.7

108 13.3 9.4 14.0

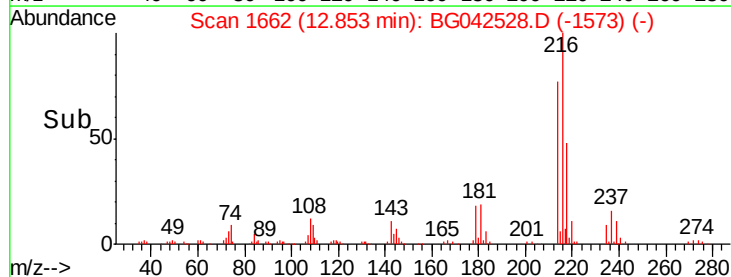
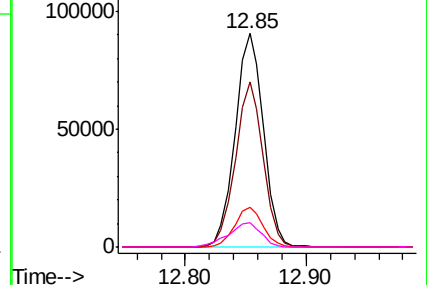


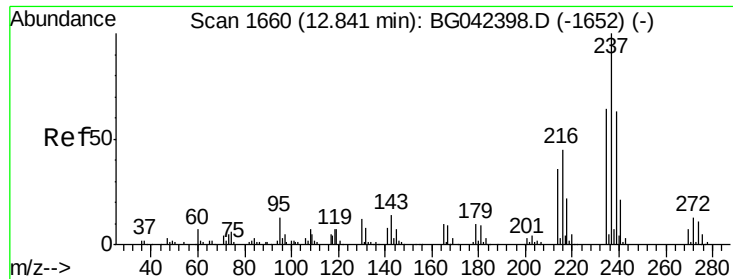
Abundance Ion 216.00 (215.70 to 216.70): E

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

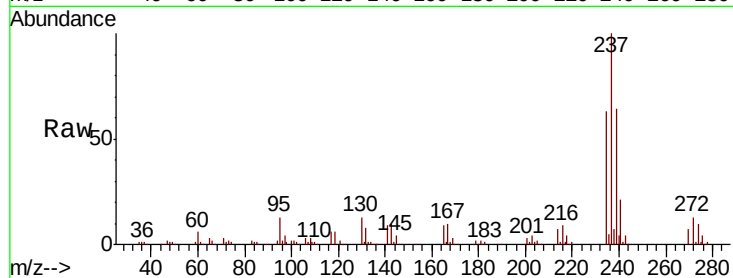




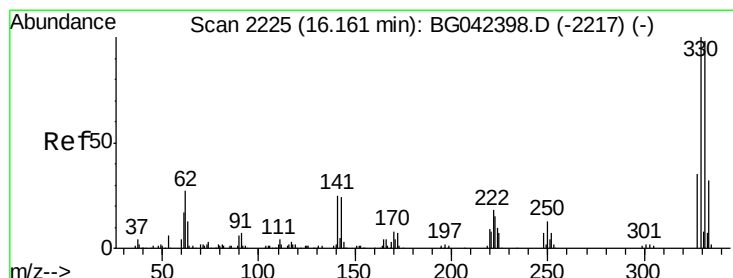
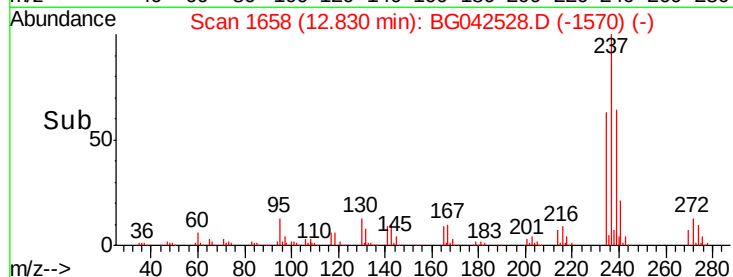
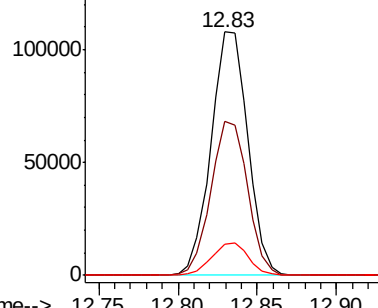
#41
Hexachlorocyclopentadiene
Concen: 99.941 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:237 Resp: 174022
Ion Ratio Lower Upper
237 100
235 63.5 43.7 83.7
272 12.6 0.0 33.3

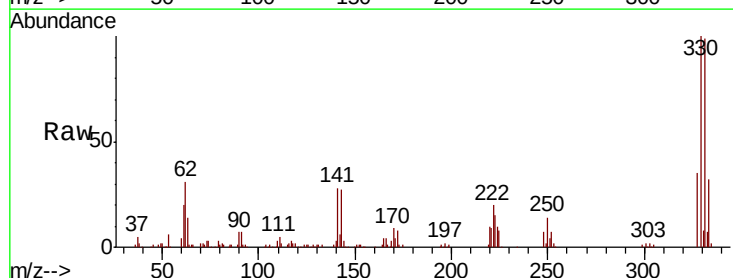


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

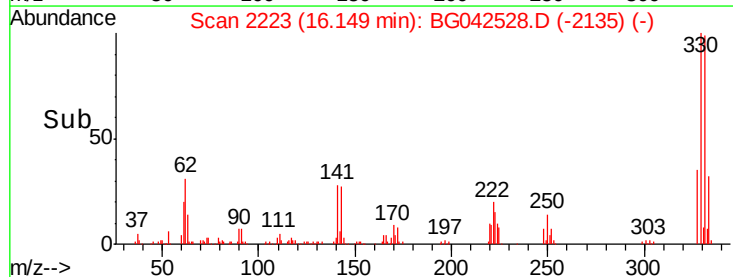
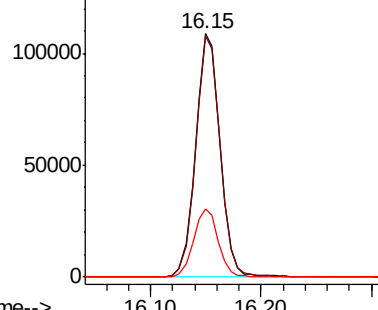


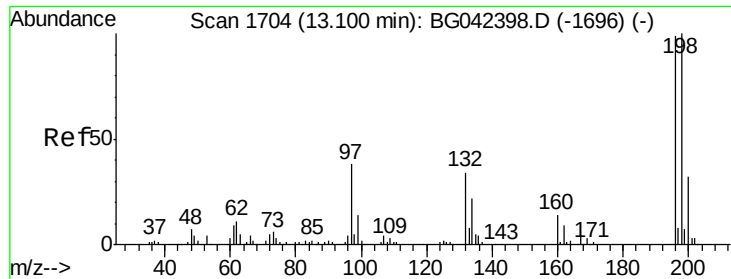
#42
2,4,6-Tribromophenol
Concen: 114.915 ng
RT: 16.15 min Scan# 2223
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Tgt Ion:330 Resp: 168595
Ion Ratio Lower Upper
330 100
332 98.6 77.4 116.0
141 27.9 21.4 32.0



Abundance Ion 329.80 (329.50 to 330.50): E
Ion 331.80 (331.50 to 332.50): E
Ion 141.00 (140.70 to 141.70): E

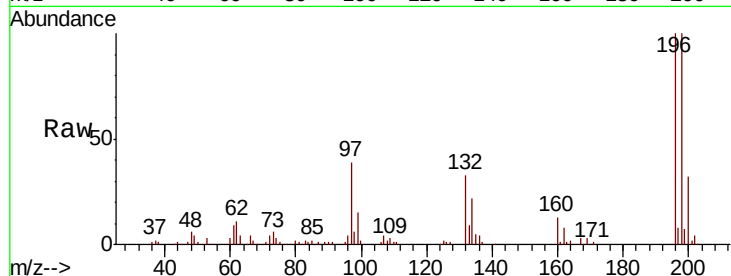




#43
 2,4,6-Trichlorophenol
 Concen: 43.247 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	196	Resp	96899
Ion	Ratio	Lower	Upper
196	100		
198	100.0	80.7	121.1
200	31.6	25.7	38.5

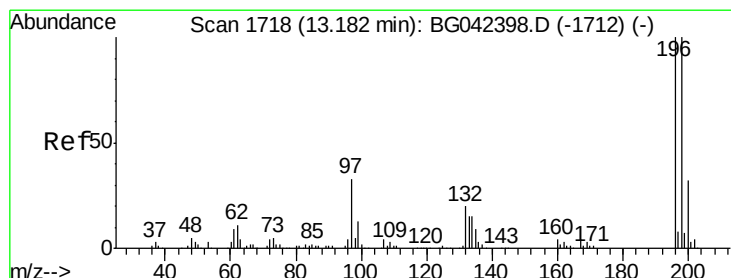
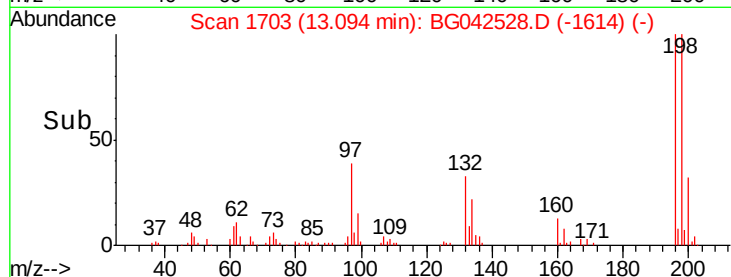
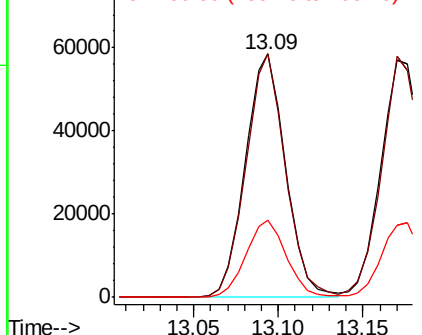


Abundance

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: 44.901 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

Tgt Ion	196	Resp	104257
Ion	Ratio	Lower	Upper
196	100		
198	101.8	80.2	120.4
97	33.8	26.3	39.5
132	20.2	16.6	24.8

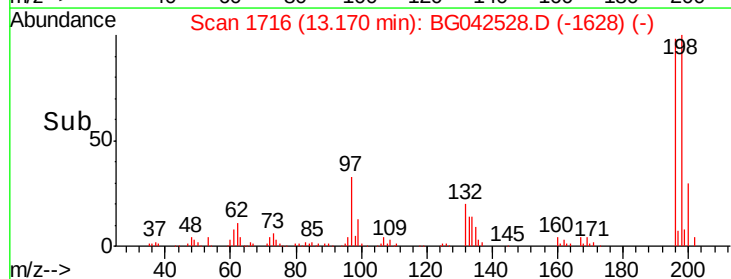
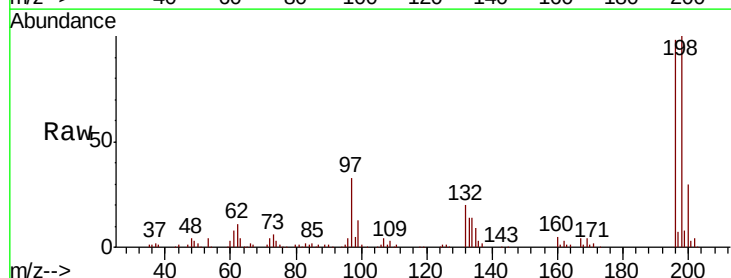
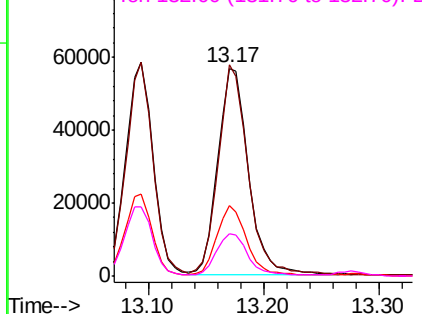
Abundance

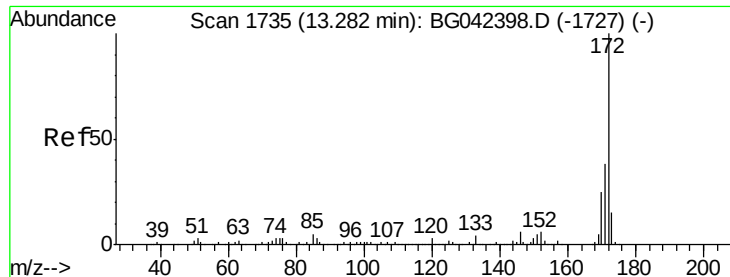
Ion 196.00 (195.70 to 196.70): E

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

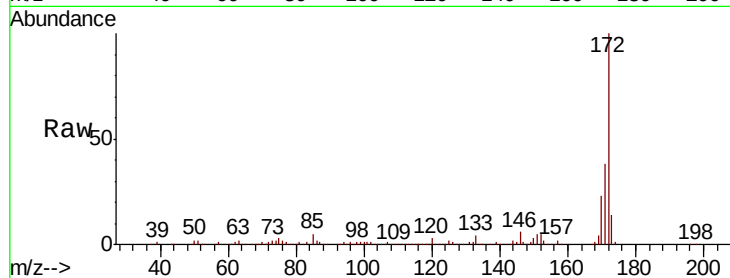




#45
 2-Fluorobiphenyl
 Concen: 73.545 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
172	100		
171	37.6	30.5	45.7
170	23.2	20.2	30.2

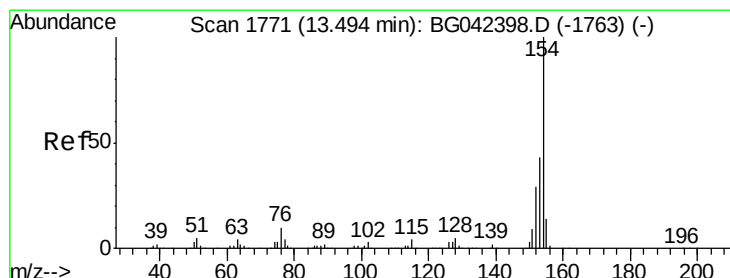
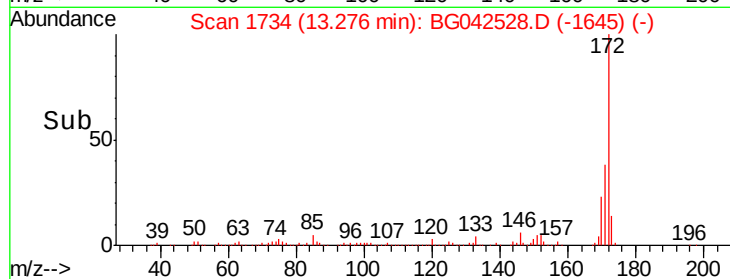
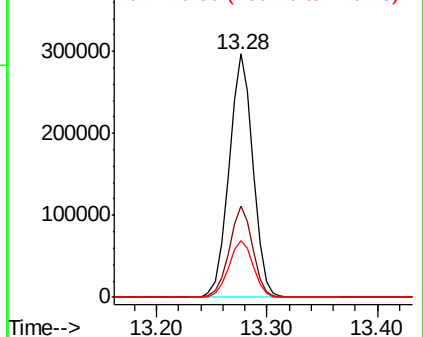


Abundance

Ion 172.00 (171.70 to 172.70): E

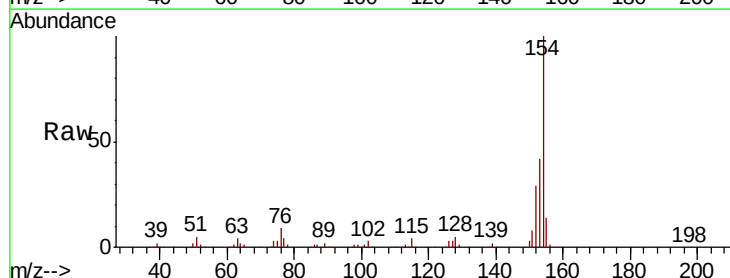
Ion 171.00 (170.70 to 171.70): E

Ion 170.00 (169.70 to 170.70): E



#46
 1,1'-Biphenyl
 Concen: 44.014 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.2	23.0	63.0
76	9.2	0.0	29.6

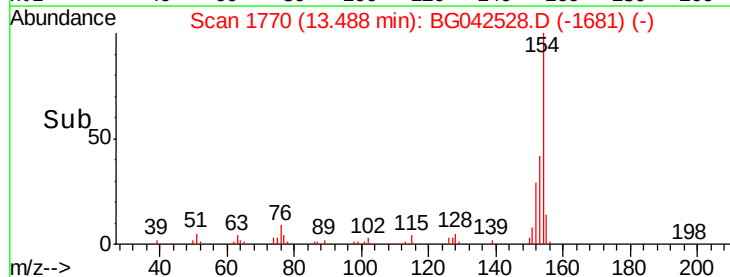
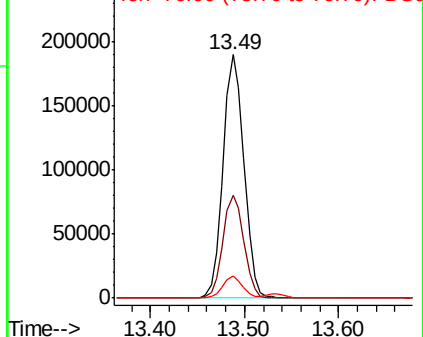


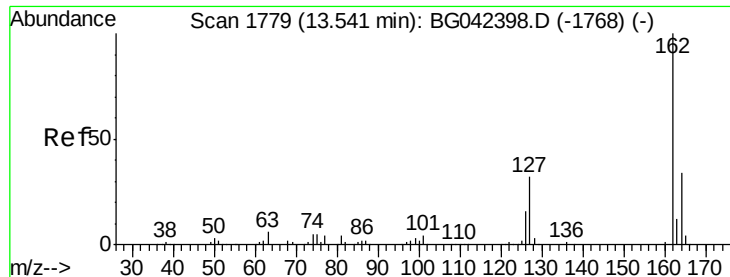
Abundance

Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 76.00 (75.70 to 76.70): BG

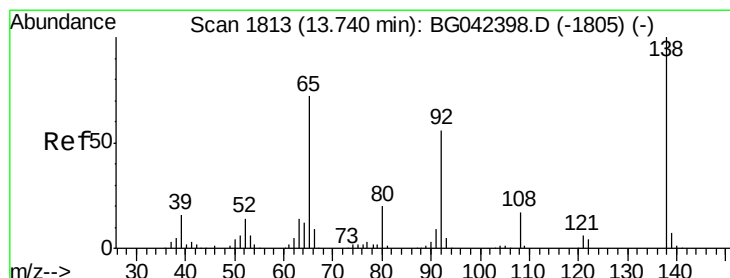
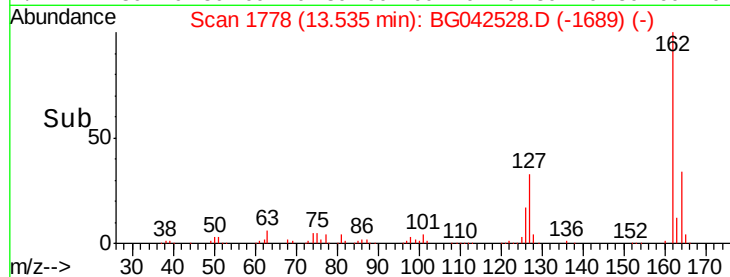
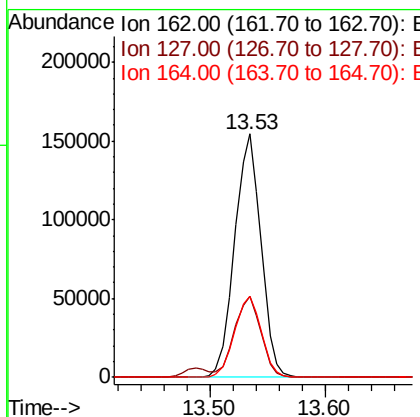
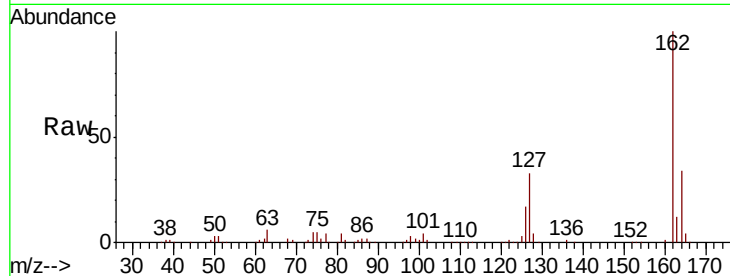




#47
 2-Chloronaphthalene
 Concen: 42.418 ng
 RT: 13.53 min Scan# 1778
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

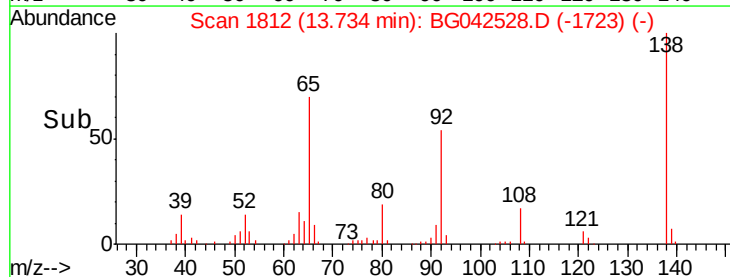
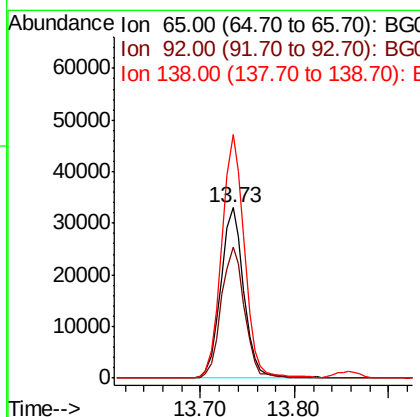
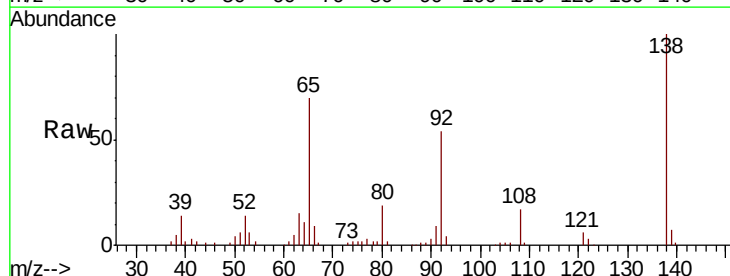
Instrument :
 BNA_F
 ClientSampleId :

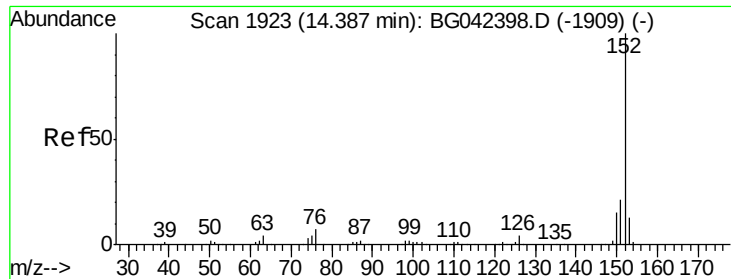
Tot Ion:162 Resp: 244046
 Ion Ratio Lower Upper
 162 100
 127 33.1 26.0 39.0
 164 33.5 27.4 41.0



#48
 2-Nitroaniline
 Concen: 40.700 ng
 RT: 13.73 min Scan# 1812
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

Tgt Ion: 65 Resp: 56466
 Ion Ratio Lower Upper
 65 100
 92 77.0 61.8 92.6
 138 142.9 111.0 166.6





#49

Acenaphthylene

Concen: 45.031 ng

RT: 14.38 min Scan# 1922

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

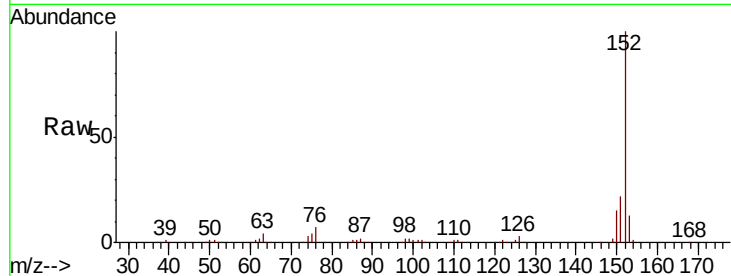
Tot Ion:152 Resp: 389777

Ion Ratio Lower Upper

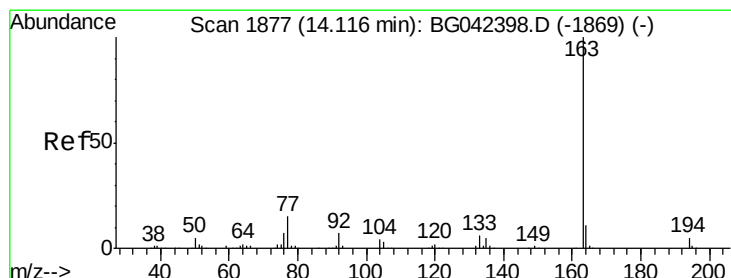
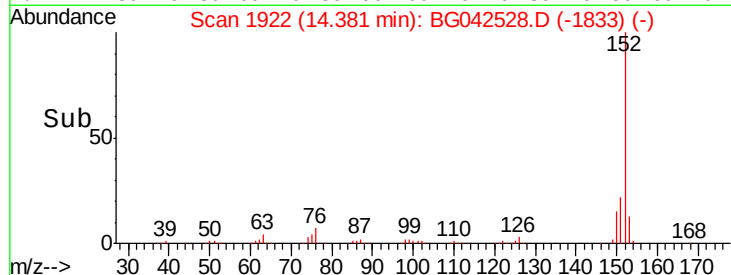
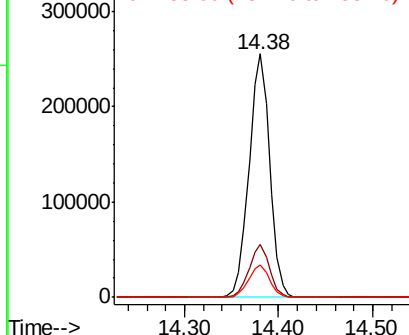
152 100

151 21.6 17.0 25.4

153 13.5 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: 42.717 ng

RT: 14.11 min Scan# 1876

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

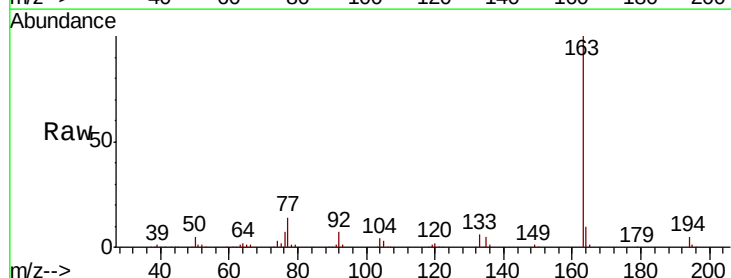
Tgt Ion:163 Resp: 318153

Ion Ratio Lower Upper

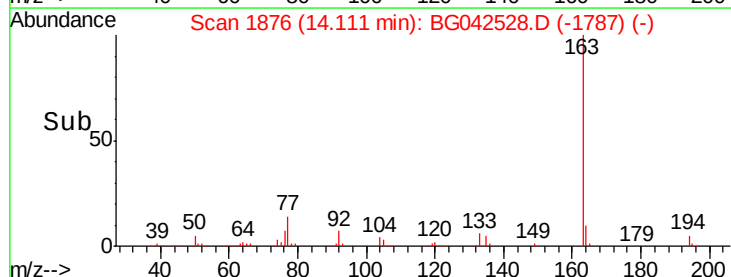
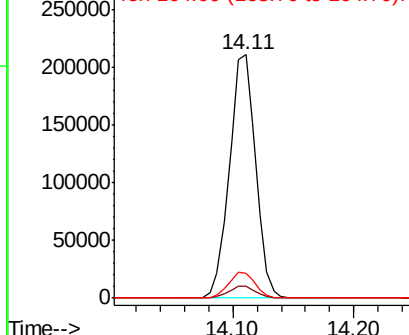
163 100

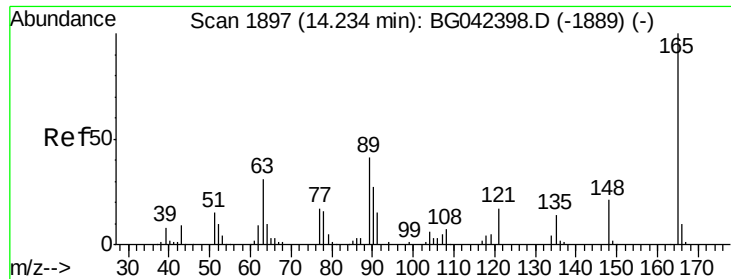
194 5.2 4.2 6.2

164 10.2 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

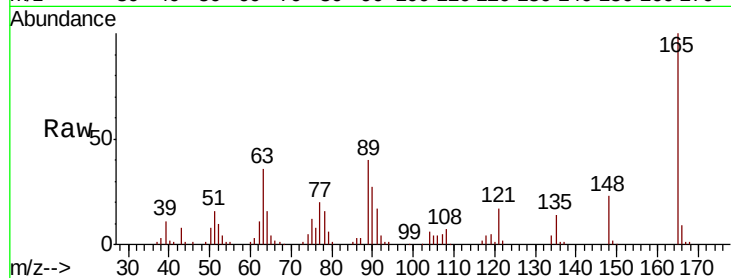




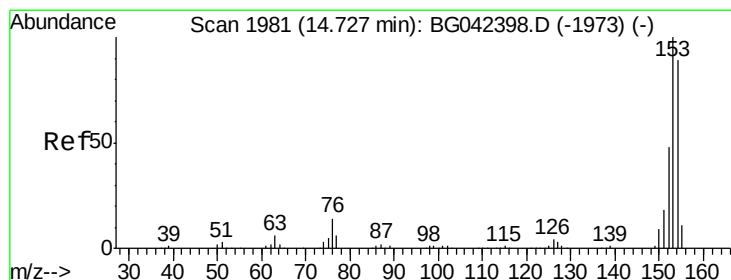
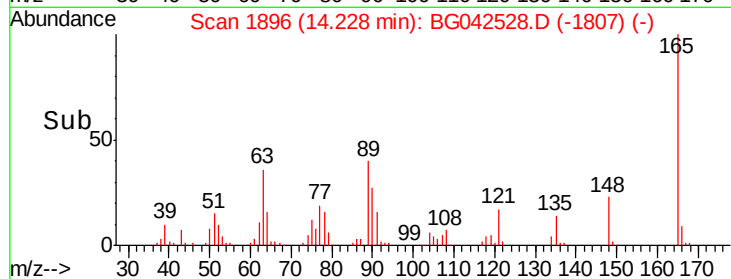
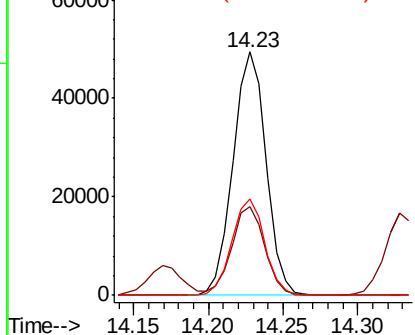
#51
 2,6-Dinitrotoluene
 Concen: 44.100 ng
 RT: 14.23 min Scan# 1896
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:165 Resp: 76132
 Ion Ratio Lower Upper
 165 100
 63 36.3 30.6 45.8
 89 39.5 32.6 49.0

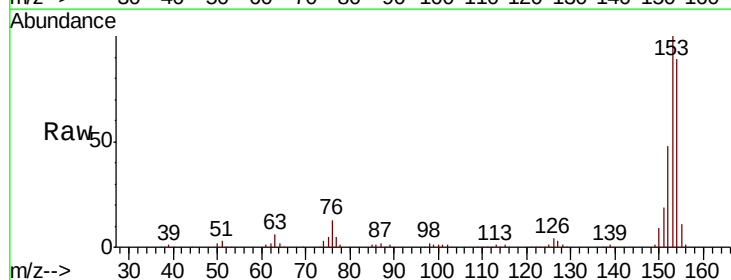


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

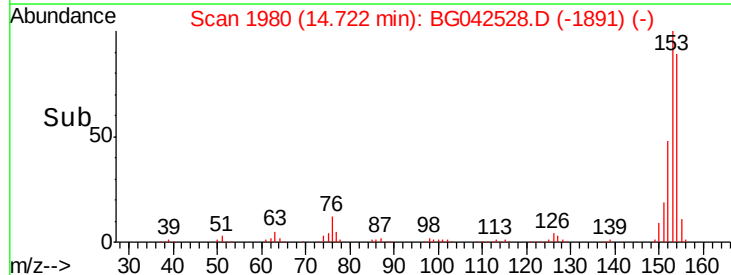
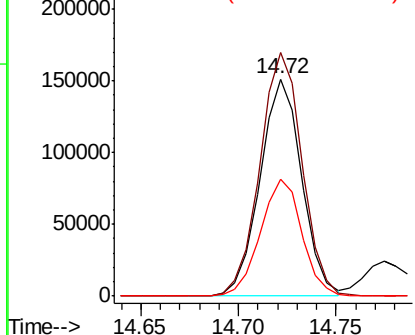


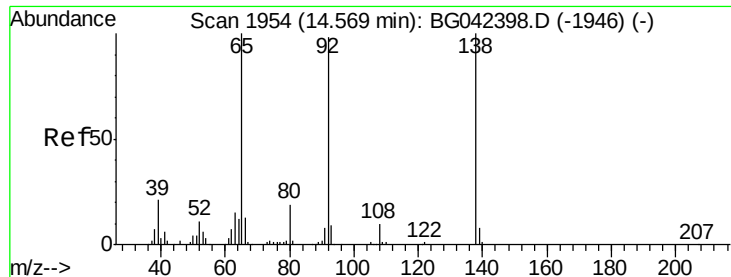
#52
 Acenaphthene
 Concen: 42.484 ng
 RT: 14.72 min Scan# 1980
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

Tgt Ion:154 Resp: 223293
 Ion Ratio Lower Upper
 154 100
 153 112.1 90.2 135.4
 152 53.8 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

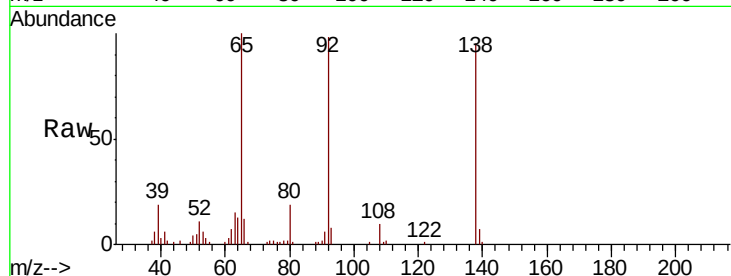




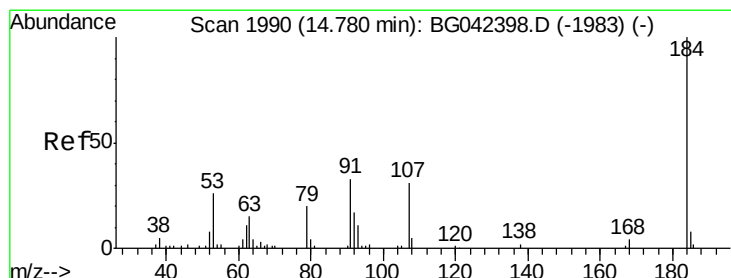
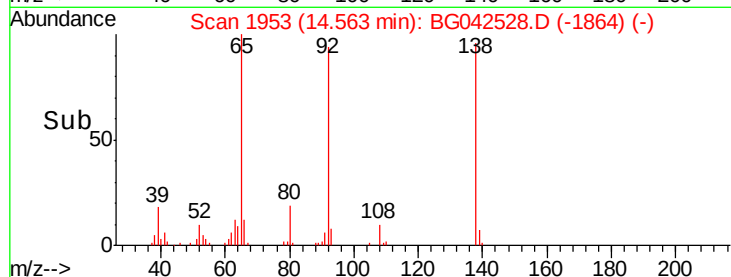
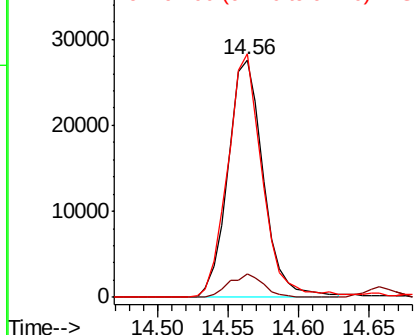
#53
3-Nitroaniline
Concen: 27.797 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion:138 Resp: 47992
Ion Ratio Lower Upper
138 100
108 10.1 8.3 12.5
92 102.6 78.2 117.4

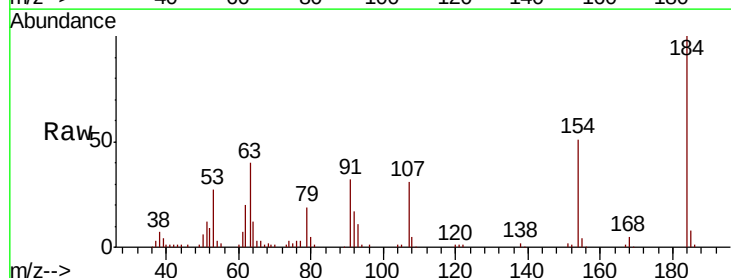


Abundance Ion 138.00 (137.70 to 138.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 92.00 (91.70 to 92.70): BGC

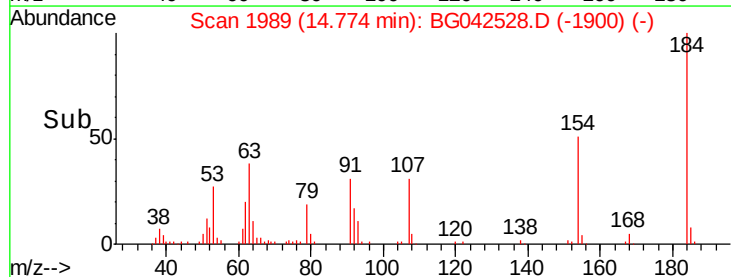
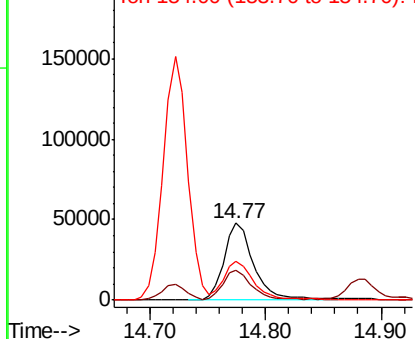


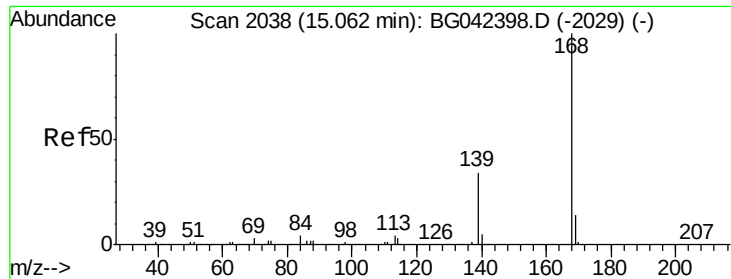
#54
2,4-Dinitrophenol
Concen: 74.491 ng
RT: 14.77 min Scan# 1989
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Tgt Ion:184 Resp: 86142
Ion Ratio Lower Upper
184 100
63 39.7 31.7 47.5
154 50.7 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

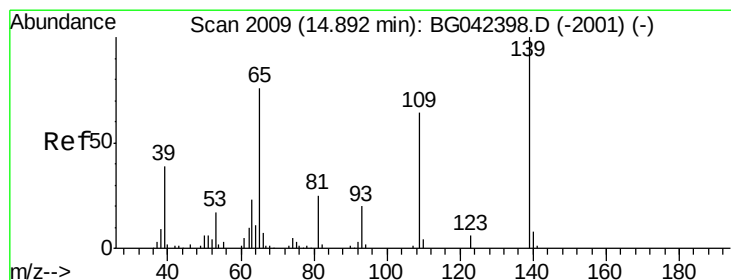
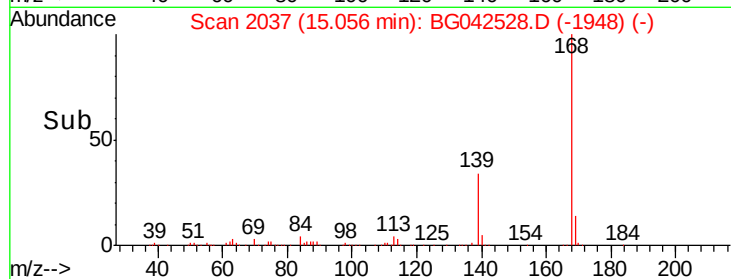
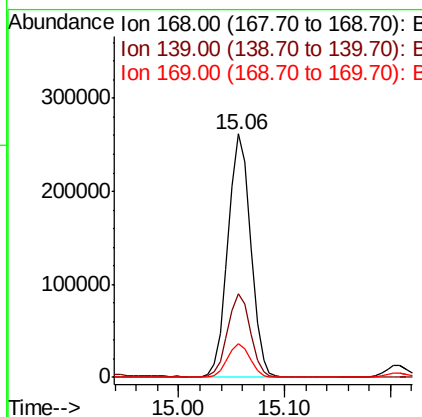
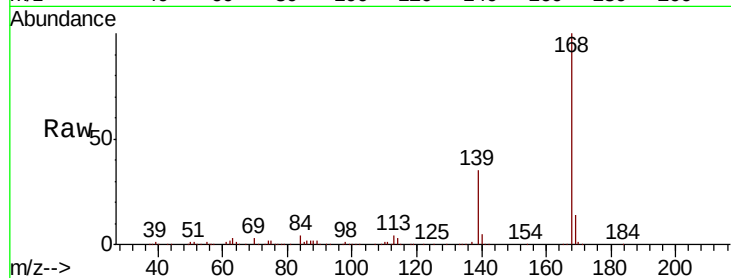




#55
Dibenzenofuran
Concen: 44.787 ng
RT: 15.06 min Scan# 2037
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

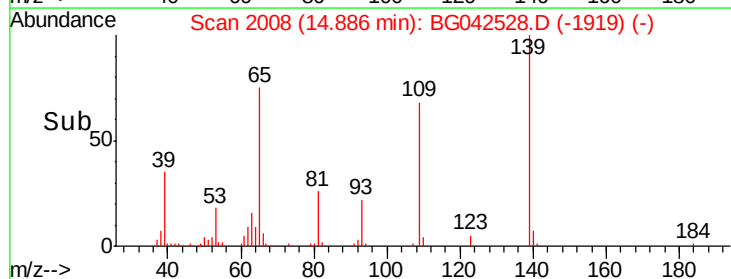
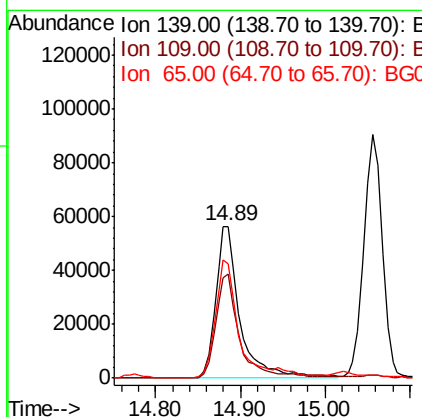
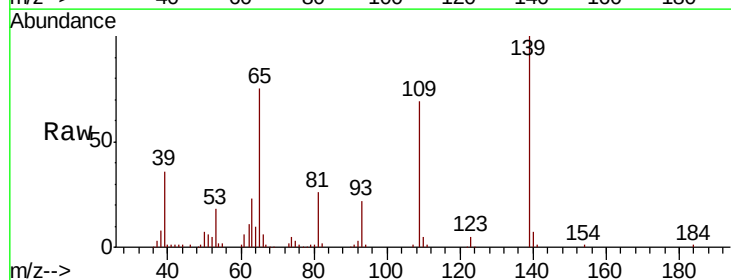
Instrument :
BNA_F
ClientSampleId :

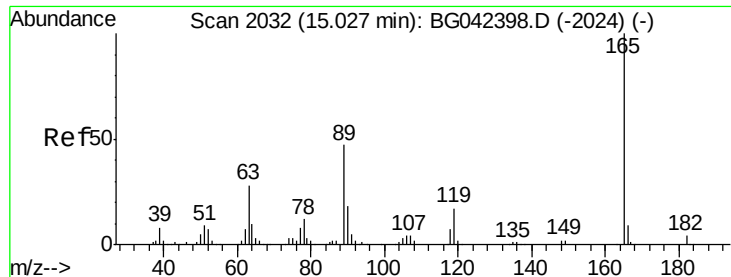
Tot Ion	Ratio	Lower	Upper
168	100		
139	34.6	27.2	40.8
169	14.1	11.5	17.3



#56
4-Nitrophenol
Concen: 92.353 ng
RT: 14.89 min Scan# 2008
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Tgt Ion	Ratio	Lower	Upper
139	100		
109	68.6	43.9	83.9
65	75.1	56.3	96.3





#57

2,4-Dinitrotoluene

Concen: 44.155 ng

RT: 15.02 min Scan# 2031

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

Tot Ion:165 Resp: 109156

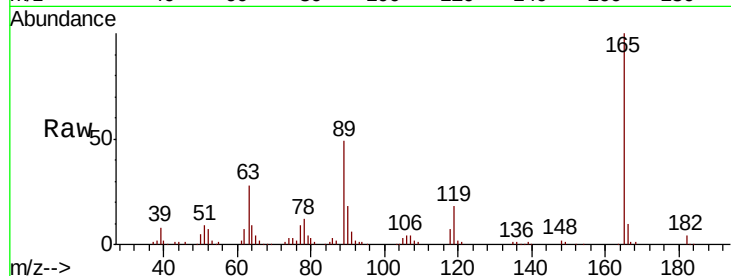
Ion Ratio Lower Upper

165 100

63 28.4 22.5 33.7

89 49.5 37.8 56.6

182 3.7 3.0 4.4

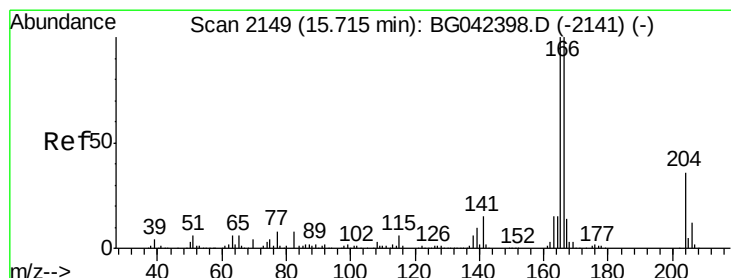
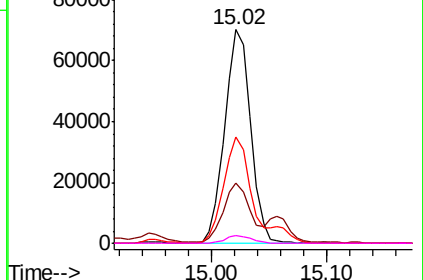
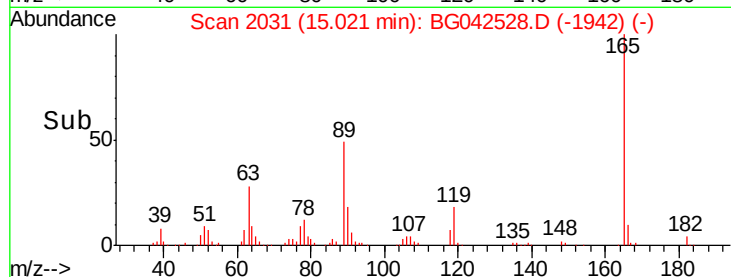


Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BG

Ion 89.00 (88.70 to 89.70): BG

Ion 182.00 (181.70 to 182.70): E



#58

Fluorene

Concen: 44.219 ng

RT: 15.71 min Scan# 2148

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

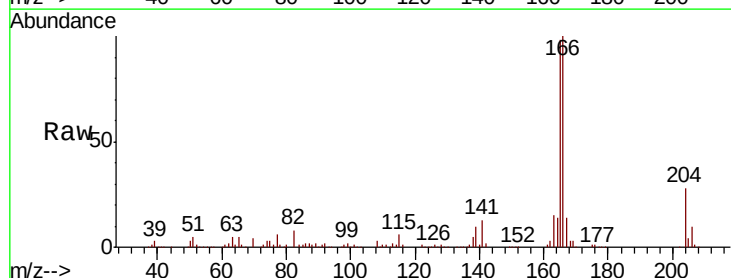
Tgt Ion:166 Resp: 314475

Ion Ratio Lower Upper

166 100

165 97.7 79.7 119.5

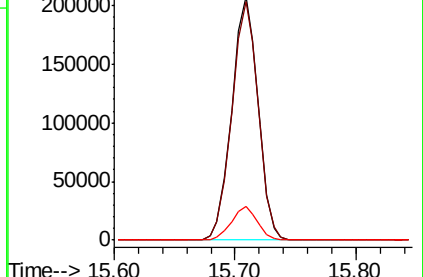
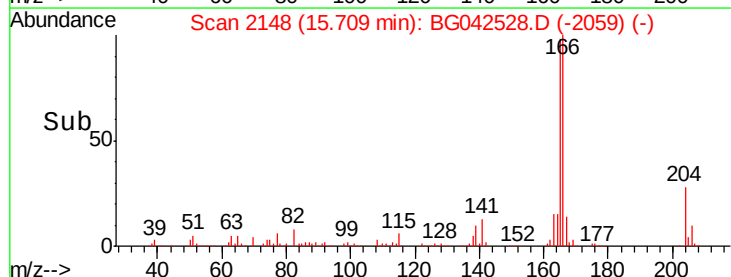
167 14.1 10.9 16.3

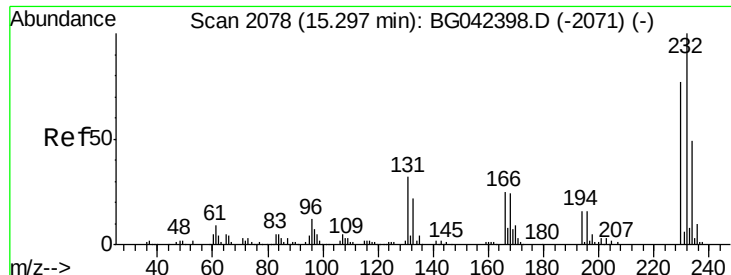


Abundance Ion 166.00 (165.70 to 166.70): E

Ion 165.00 (164.70 to 165.70): E

Ion 167.00 (166.70 to 167.70): E

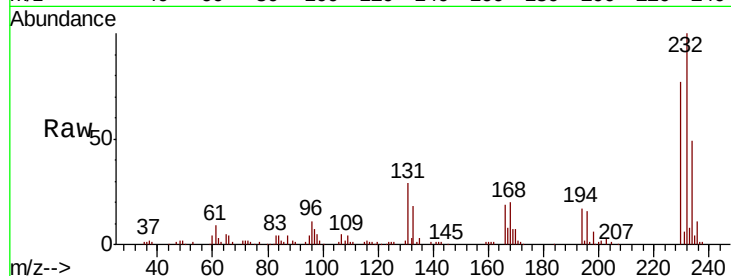




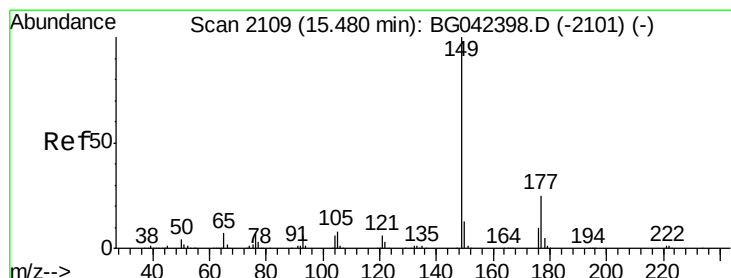
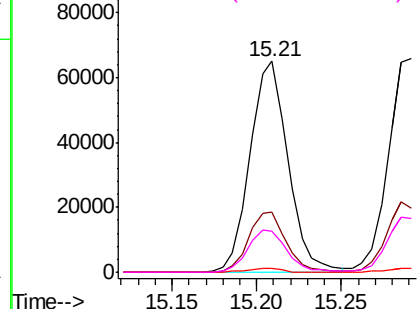
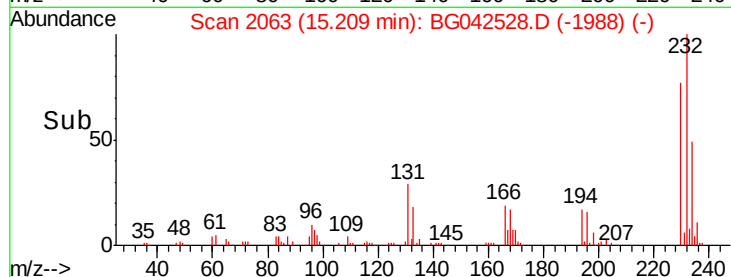
#59
2,3,4,6-Tetrachlorophenol
Concen: 44.414 ng
RT: 15.21 min Scan# 2063
Delta R.T. -0.09 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Instrument :
BNA_F
ClientSampled :

Tot Ion:232	Resp:	101983	
Ion Ratio	Lower	Upper	
232 100			
131 28.3	22.9	34.3	
130 1.6	1.4	2.0	
166 20.5	17.0	25.4	

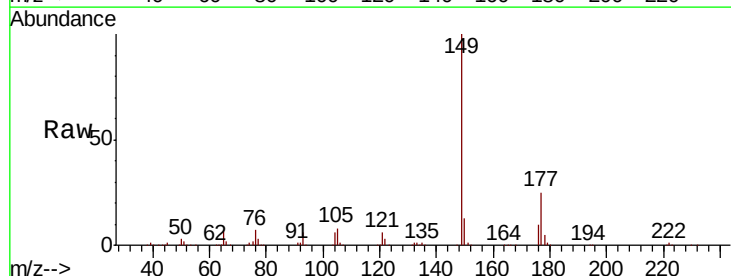


Abundance Ion 232.00 (231.70 to 232.70): E
Ion 131.00 (130.70 to 131.70): E
Ion 130.00 (129.70 to 130.70): E
Ion 166.00 (165.70 to 166.70): E

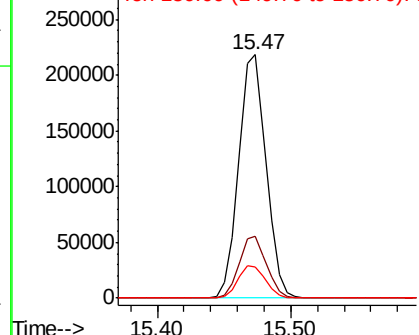
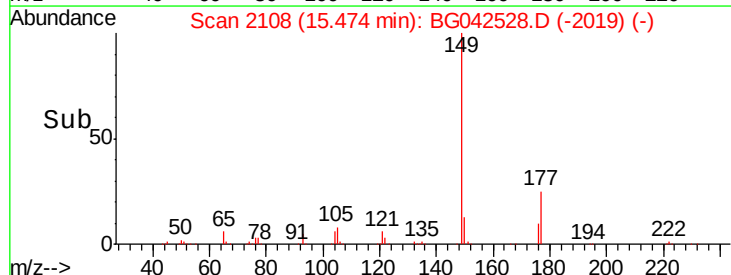


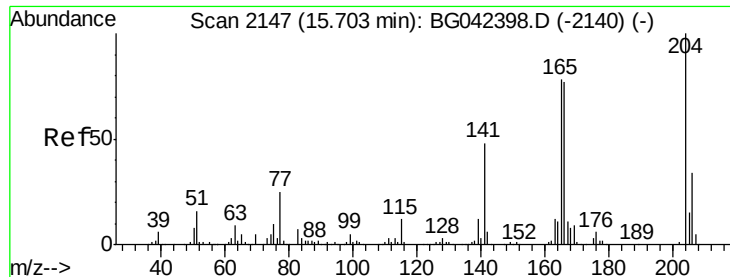
#60
Diethylphthalate
Concen: 42.753 ng
RT: 15.47 min Scan# 2108
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Tgt Ion	149	Resp: Lower	311268 Upper
	Ratio		
149	100		
177	25.3	20.4	30.6
150	12.9	10.3	15.5



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

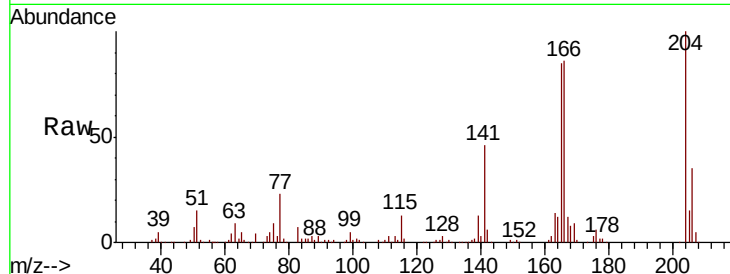




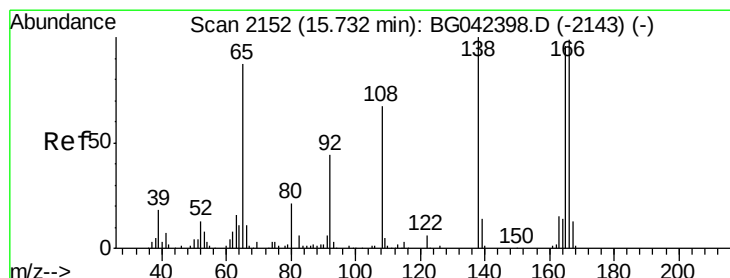
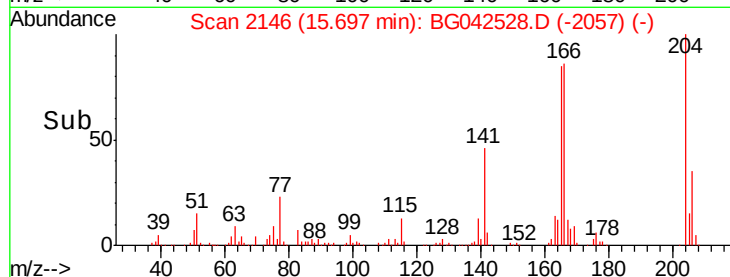
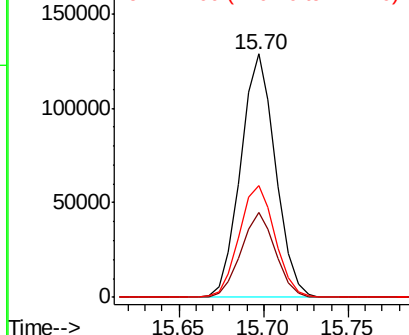
#61
 4-Chlorophenyl-phenylether
 Concen: 42.990 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:204 Resp: 184302
 Ion Ratio Lower Upper
 204 100
 206 35.0 27.2 40.8
 141 45.8 38.7 58.1

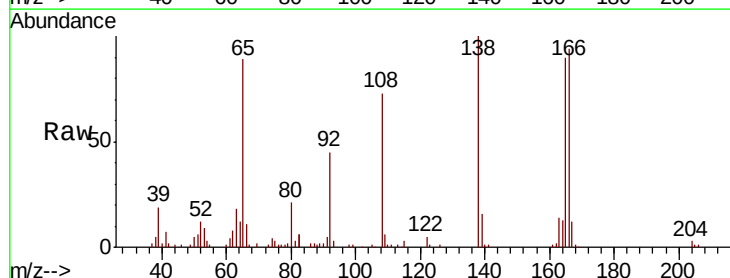


Abundance Ion 204.00 (203.70 to 204.70): E
 Ion 206.00 (205.70 to 206.70): E
 Ion 141.00 (140.70 to 141.70): E

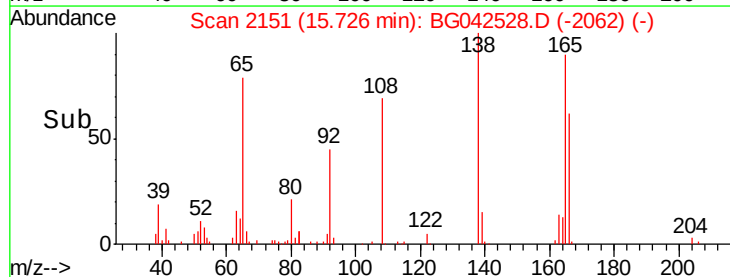
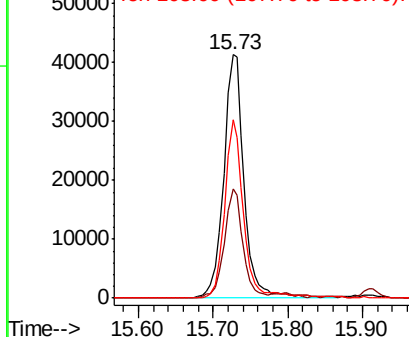


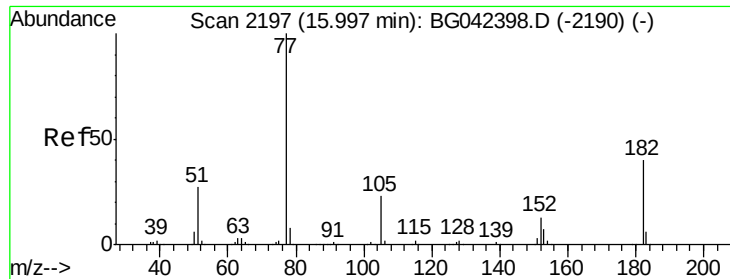
#62
 4-Nitroaniline
 Concen: 42.890 ng
 RT: 15.73 min Scan# 2151
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

Tgt Ion:138 Resp: 79253
 Ion Ratio Lower Upper
 138 100
 92 44.6 24.2 64.2
 108 73.1 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: 43.372 ng

RT: 15.99 min Scan# 2196

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

Instrument :

BNA_F

ClientSampled :

Tot Ion: 77 Resp: 216379

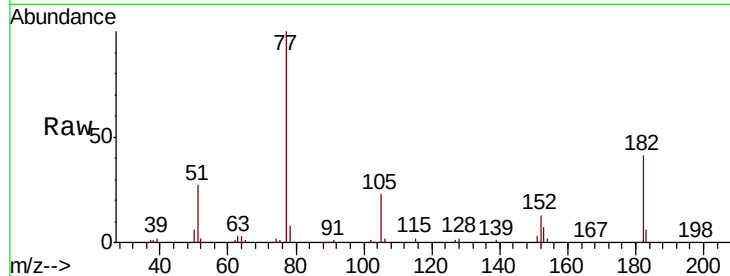
Ion	Ratio	Lower	Upper
77	100		
182	40.9	19.9	59.9
105	22.5	2.9	42.9
51	26.5	7.6	47.6

77 100

182 40.9 19.9 59.9

105 22.5 2.9 42.9

51 26.5 7.6 47.6



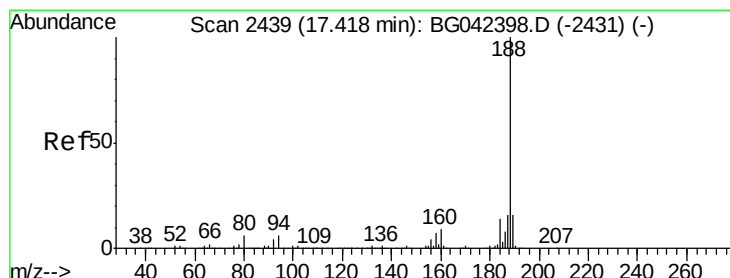
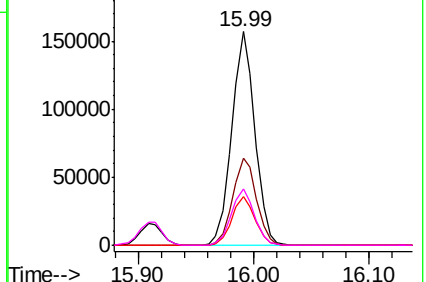
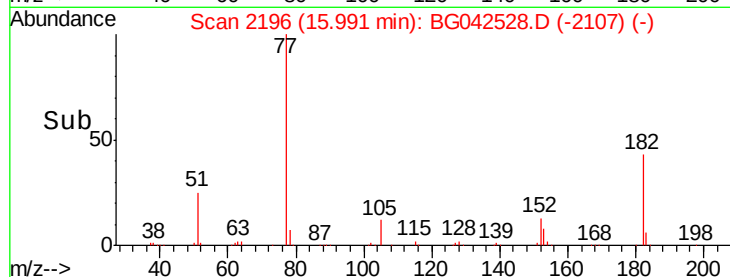
Abundance

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: BG042528.D

Acq: 28 Aug 2019 10:40

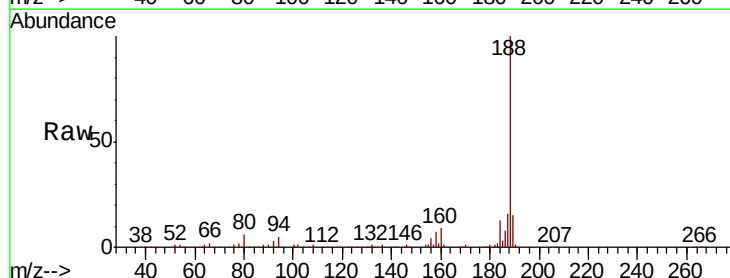
Tgt Ion: 188 Resp: 246112

Ion	Ratio	Lower	Upper
188	100		
94	4.9	4.5	6.7
80	5.7	4.9	7.3

188 100

94 4.9 4.5 6.7

80 5.7 4.9 7.3

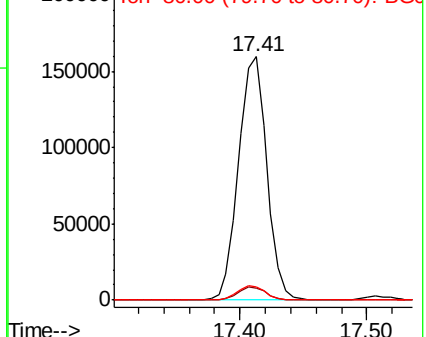
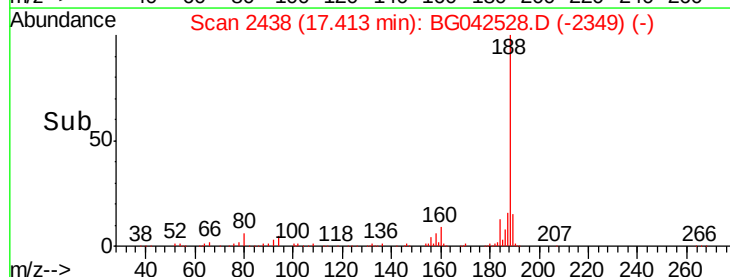


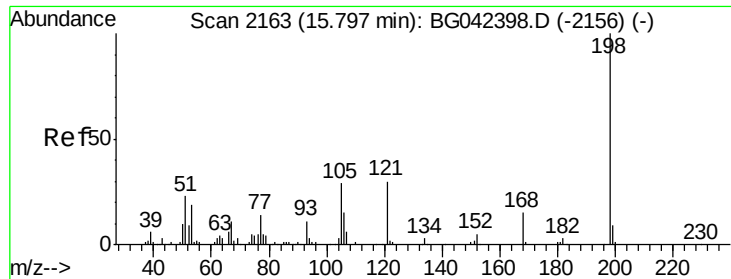
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 46.562 ng

RT: 15.79 min Scan# 2162

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

Instrument :

BNA_F

ClientSampled :

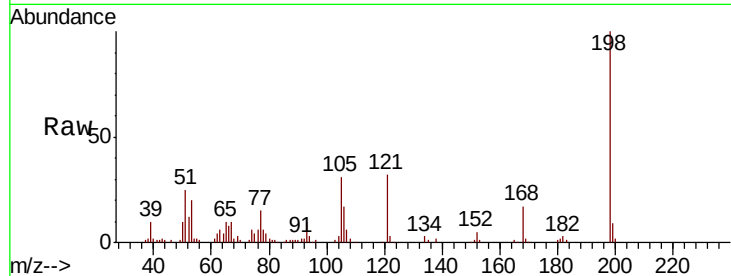
Tot Ion:198 Resp: 71846

Ion Ratio Lower Upper

198 100

51 25.0 4.2 44.2

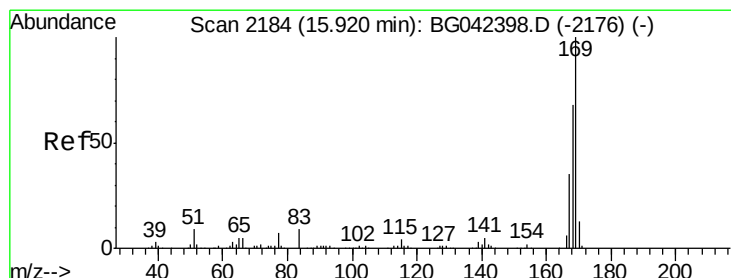
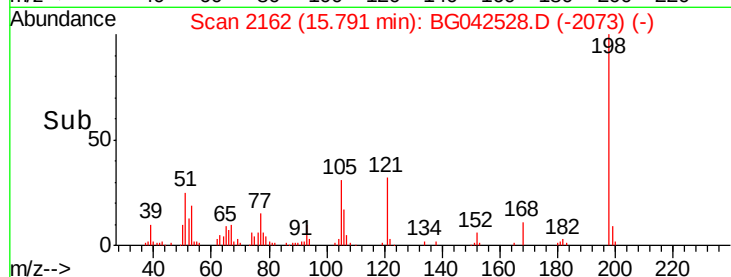
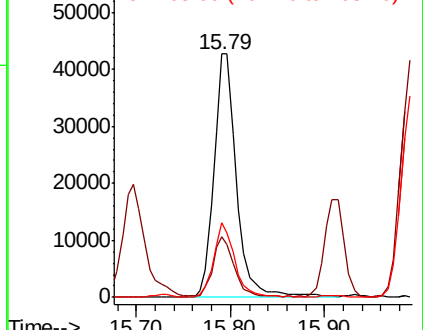
105 30.9 8.8 48.8



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: 43.907 ng

RT: 15.91 min Scan# 2183

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

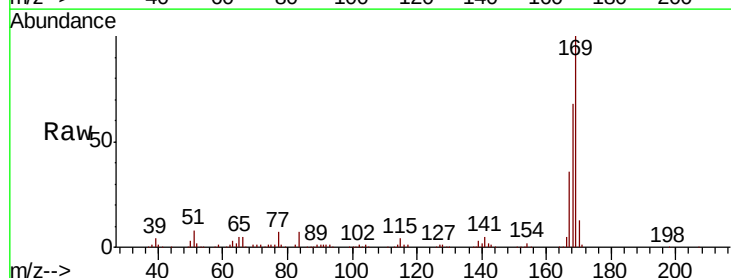
Tgt Ion:169 Resp: 297174

Ion Ratio Lower Upper

169 100

168 68.2 54.3 81.5

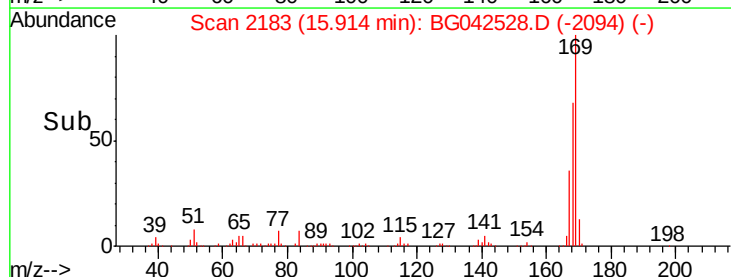
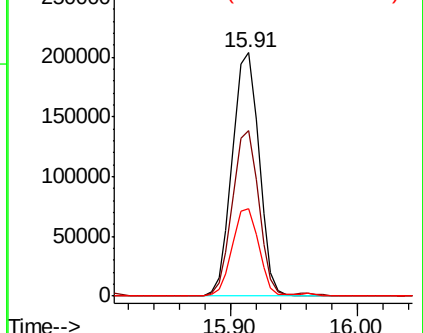
167 35.8 28.2 42.2

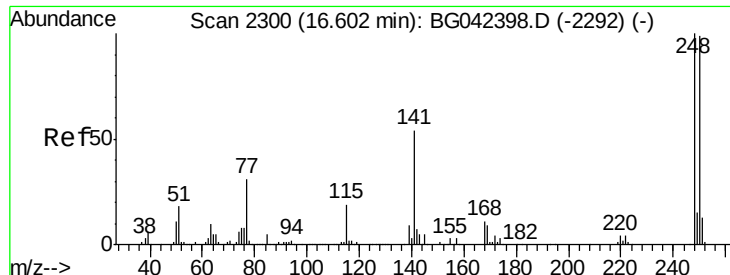


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

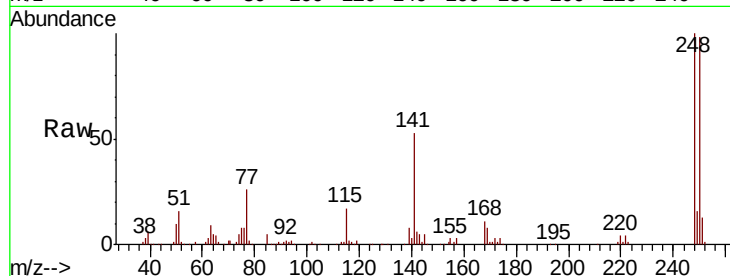




#67
 4-Bromophenyl-phenylether
 Concen: 41.748 ng
 RT: 16.60 min Scan# 2299
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

Instrument :
 BNA_F
 ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	98.2	78.9	118.3
141	52.7	43.3	64.9

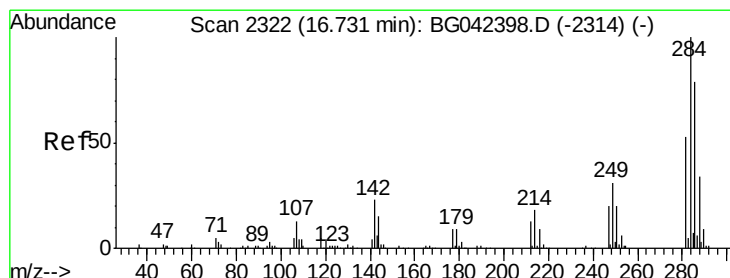
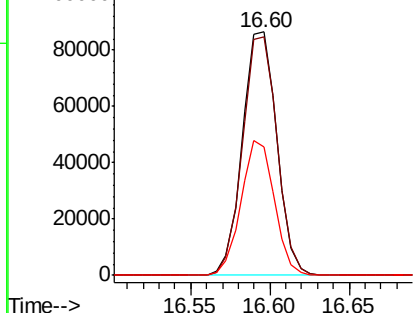
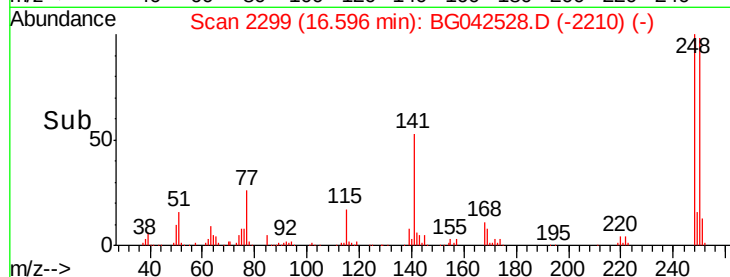


Abundance

Ion 248.00 (247.70 to 248.70): E

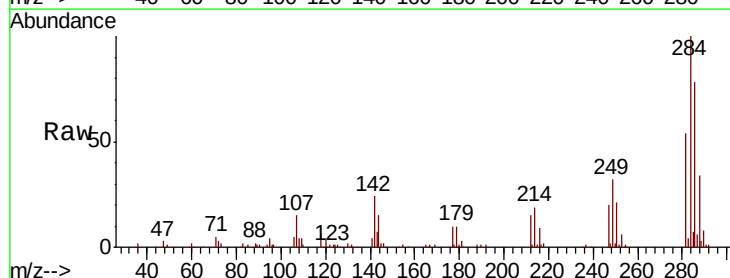
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
 Hexachlorobenzene
 Concen: 40.560 ng
 RT: 16.72 min Scan# 2320
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

Tgt Ion	Ratio	Lower	Upper
284	100		
142	23.7	18.2	27.4
249	32.0	25.0	37.4

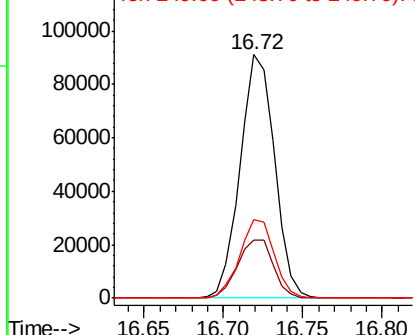
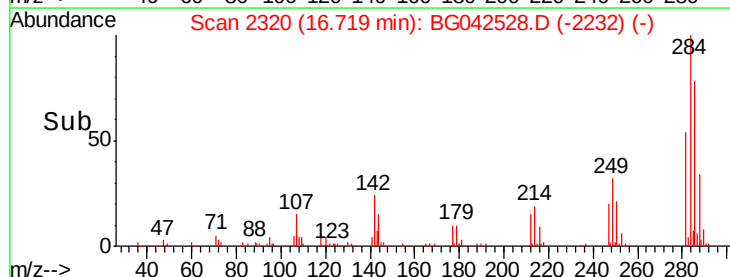


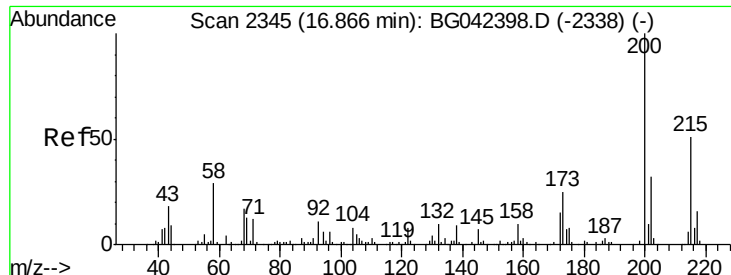
Abundance

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: 48.194 ng

RT: 16.86 min Scan# 2344

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

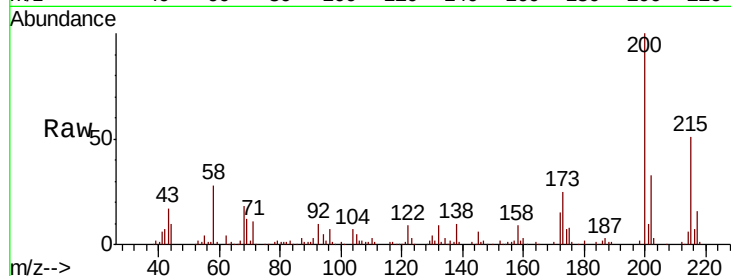
Tot Ion:200 Resp: 115351

Ion Ratio Lower Upper

200 100

173 25.4 4.9 44.9

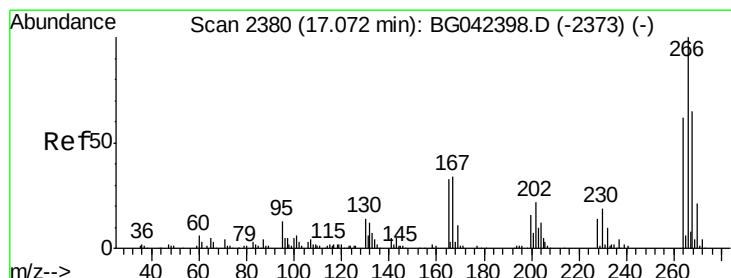
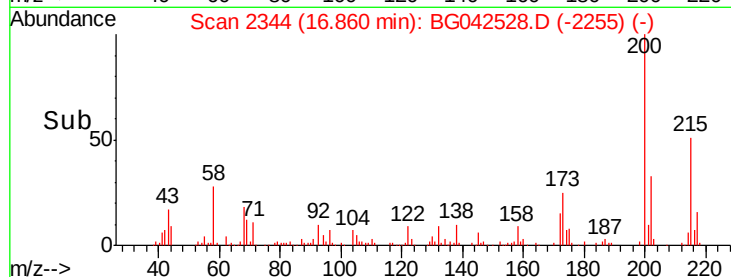
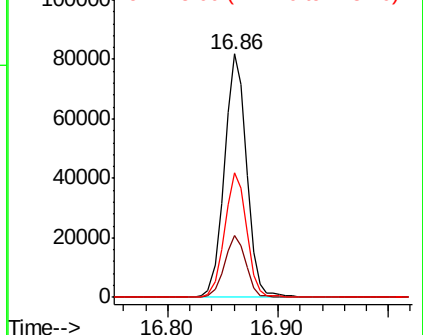
215 51.3 30.7 70.7



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: 91.208 ng

RT: 17.07 min Scan# 2379

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

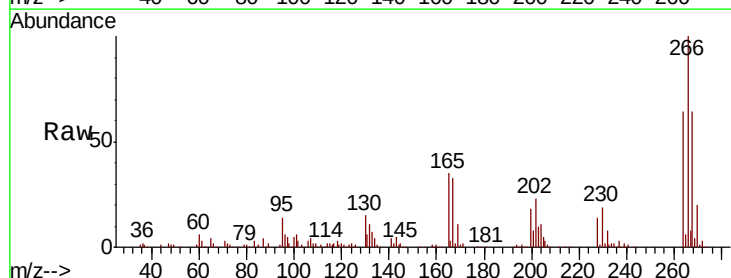
Tgt Ion:266 Resp: 160824

Ion Ratio Lower Upper

266 100

268 64.4 52.1 78.1

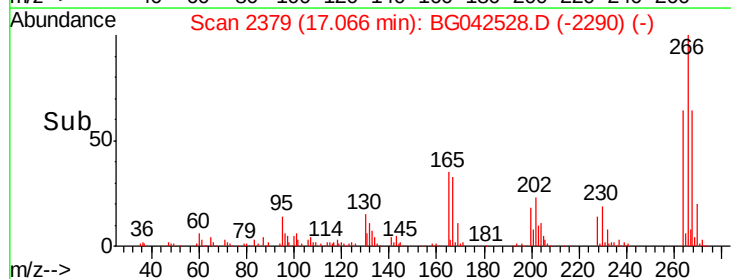
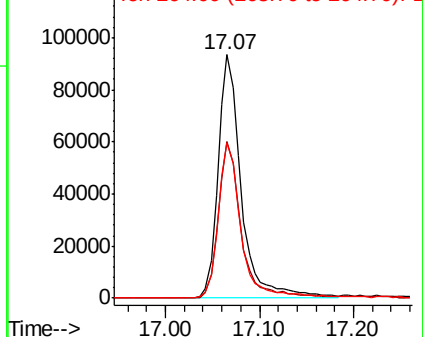
264 63.8 49.4 74.2

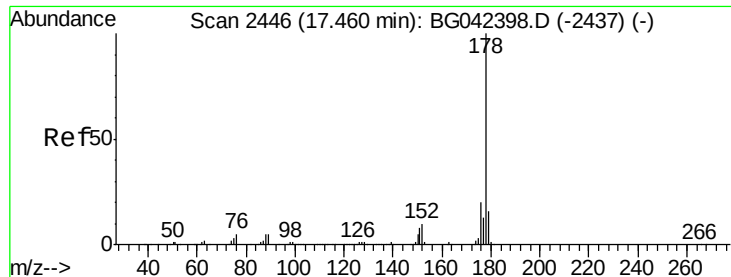


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

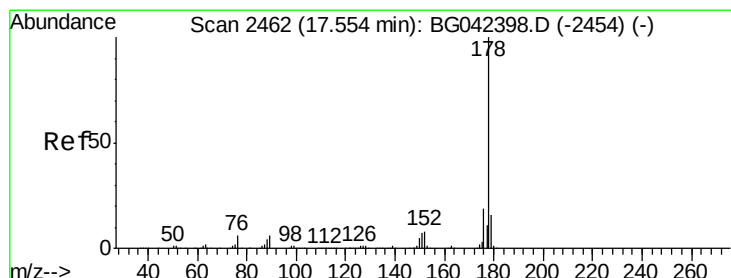
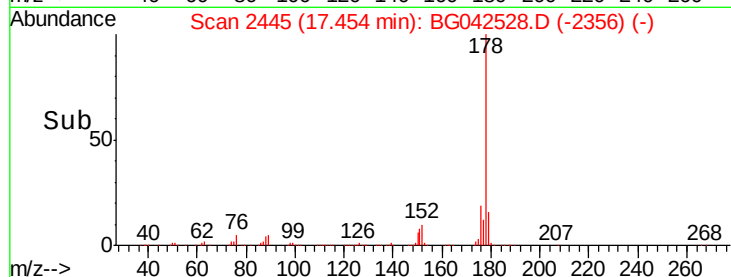
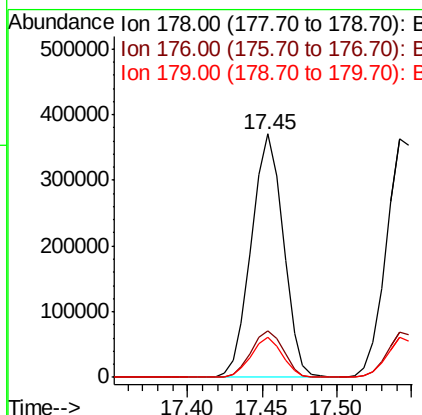
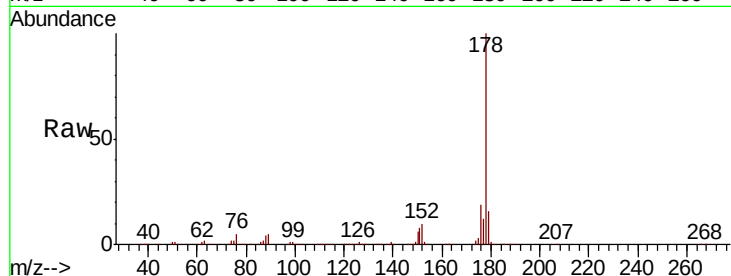




#71
Phenanthrene
Concen: 45.016 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

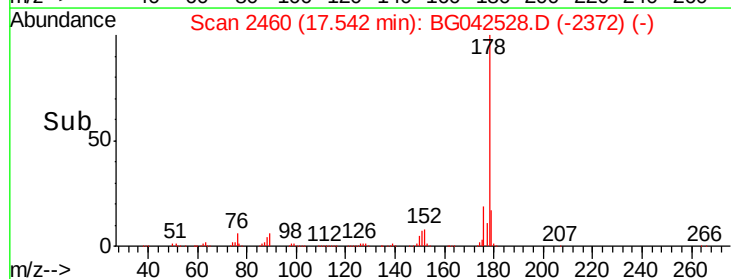
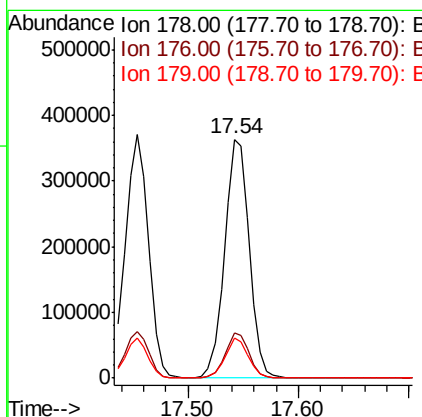
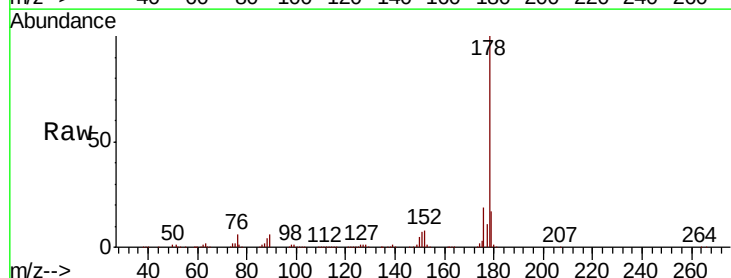
Instrument :
BNA_F
ClientSampled :

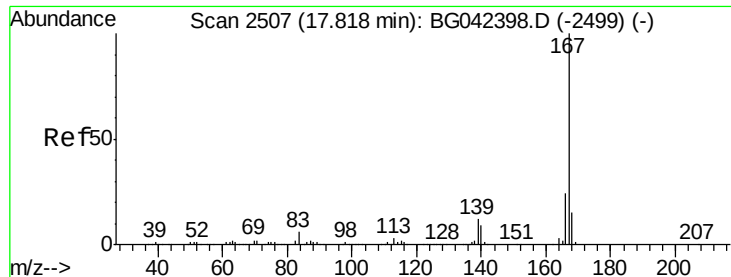
Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.9	23.9
179	16.4	12.7	19.1



#72
Anthracene
Concen: 46.285 ng
RT: 17.54 min Scan# 2460
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.5	23.3
179	16.7	12.9	19.3





#73

Carbazole

Concen: 46.639 ng

RT: 17.81 min Scan# 2506

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

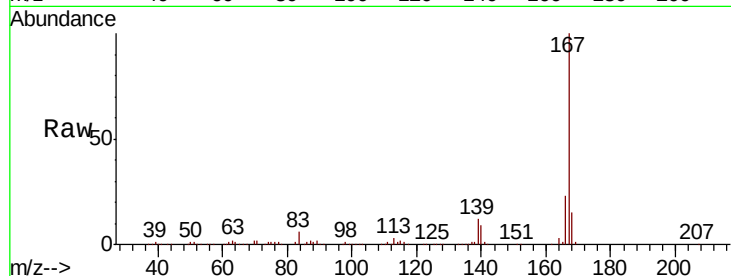
Tot Ion:167 Resp: 507277

Ion Ratio Lower Upper

167 100

166 22.9 18.9 28.3

139 12.0 9.8 14.6

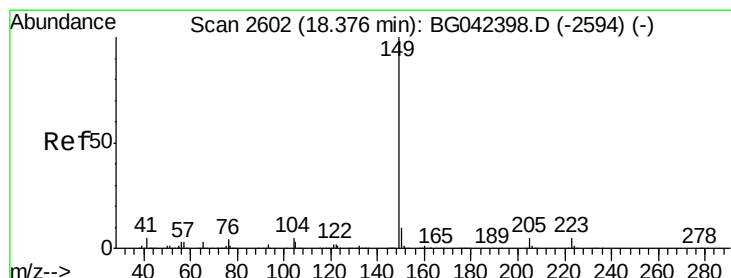
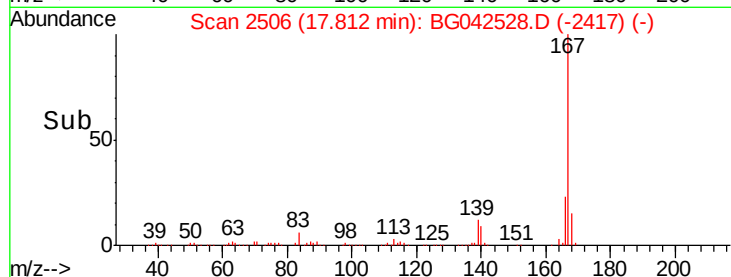
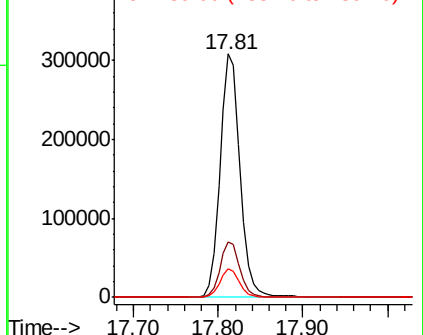


Abundance

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: 45.390 ng

RT: 18.37 min Scan# 2601

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

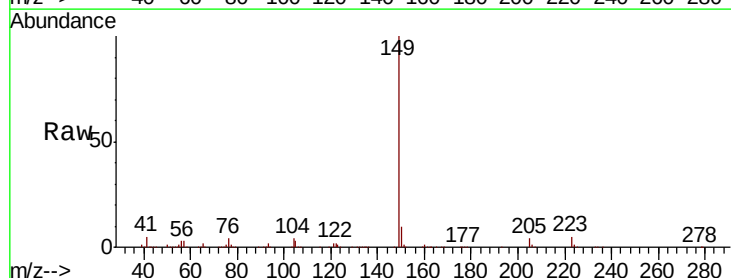
Tgt Ion:149 Resp: 583586

Ion Ratio Lower Upper

149 100

150 9.9 8.1 12.1

104 4.5 3.7 5.5

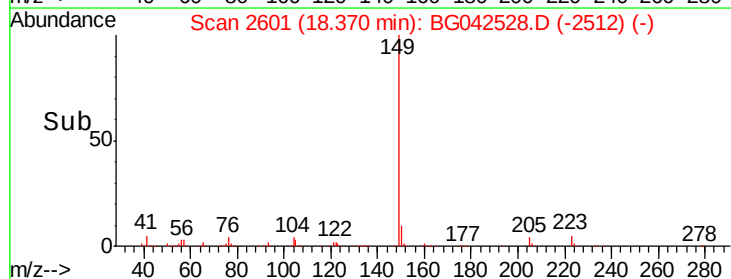
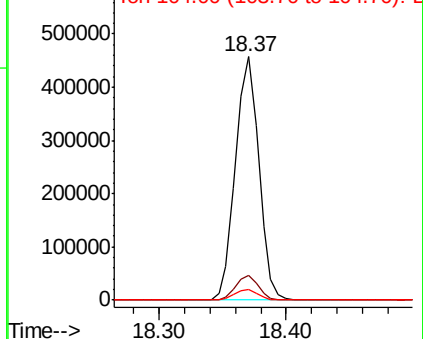


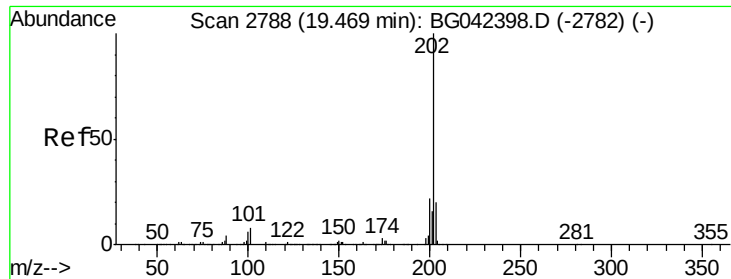
Abundance

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: 50.437 ng

RT: 19.46 min Scan# 2787

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

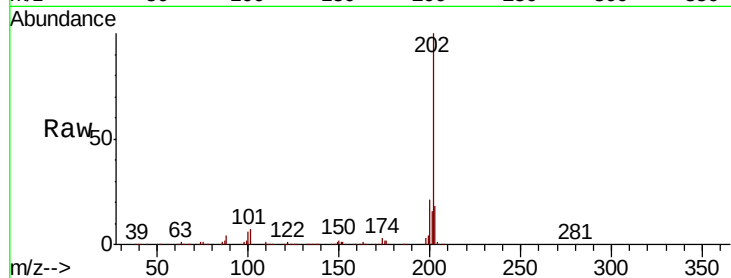
Tot Ion:202 Resp: 752486

Ion Ratio Lower Upper

202 100

101 7.1 0.0 28.3

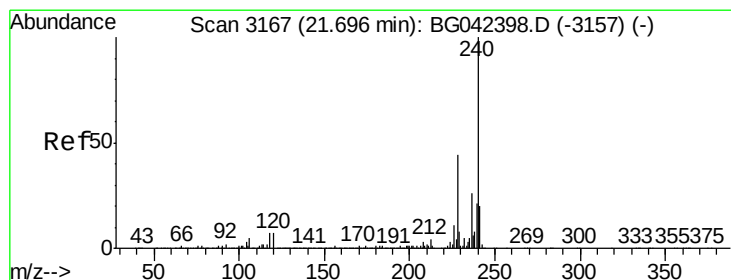
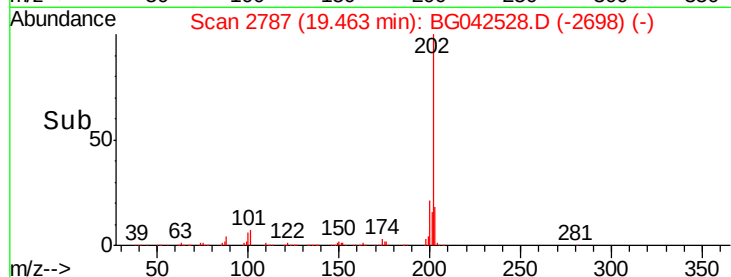
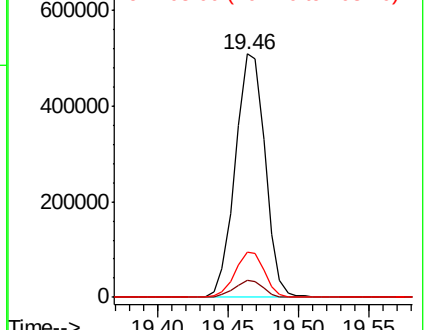
203 18.4 0.0 39.6



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.69 min Scan# 3166

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

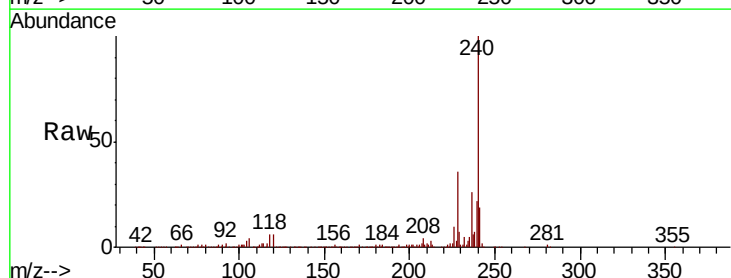
Tgt Ion:240 Resp: 282957

Ion Ratio Lower Upper

240 100

120 6.4 5.7 8.5

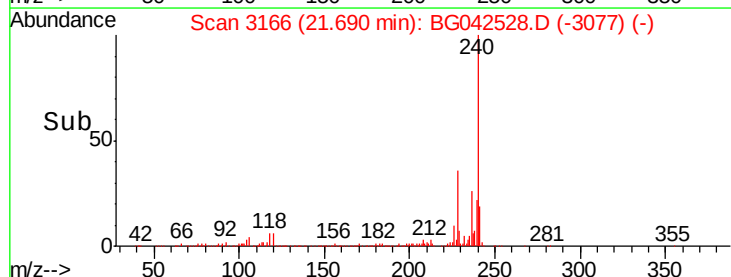
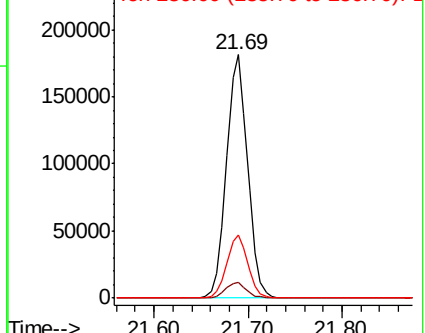
236 26.0 21.0 31.4

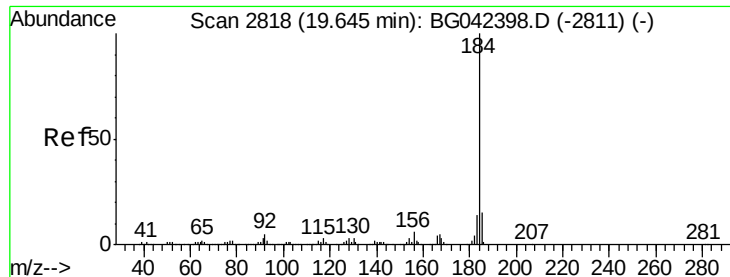


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E

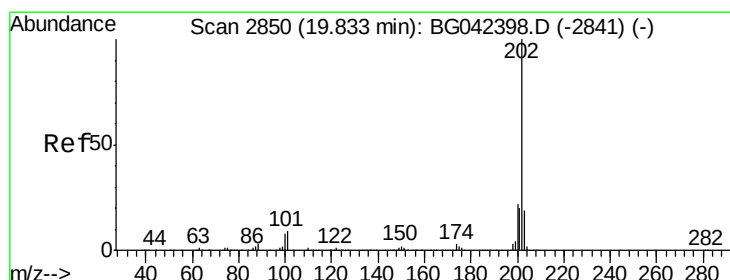
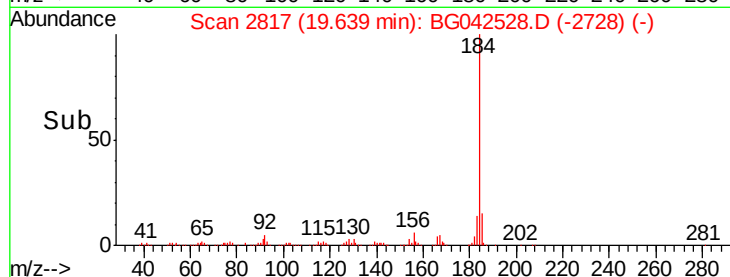
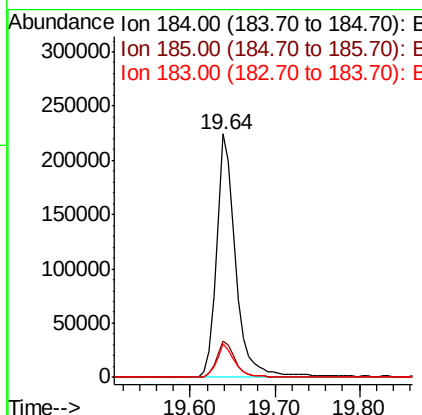
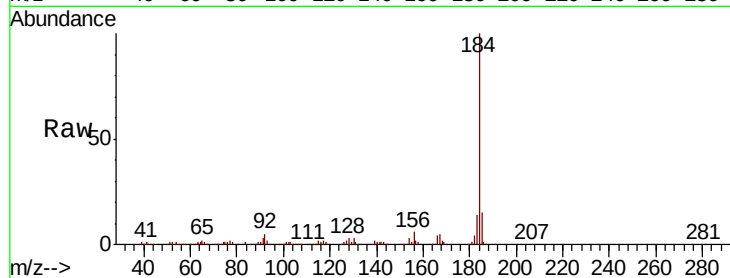




#77
Benzidine
Concen: 44.414 ng
RT: 19.64 min Scan# 2817
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

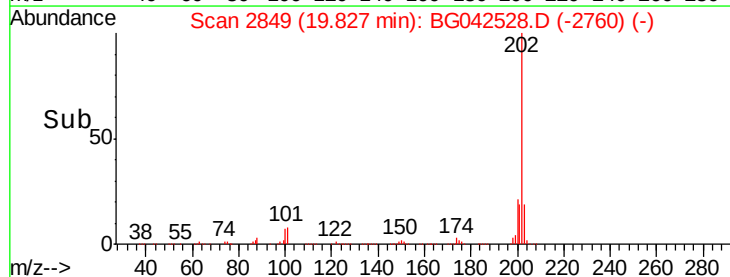
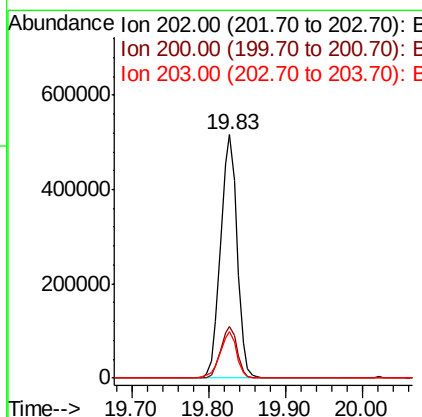
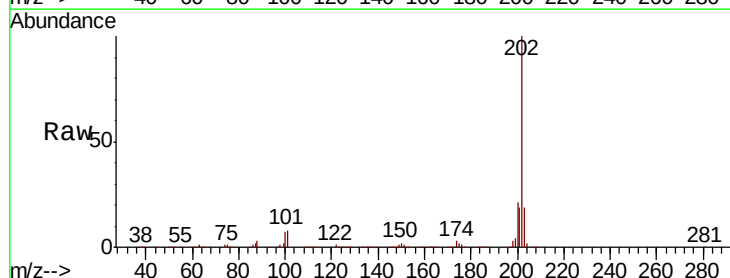
Instrument :
BNA_F
ClientSampleId :

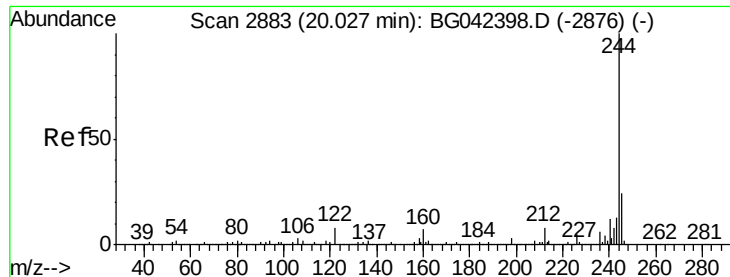
Tot Ion:184 Resp: 360312
Ion Ratio Lower Upper
184 100
185 14.8 12.2 18.4
183 13.7 10.8 16.2



#78
Pyrene
Concen: 44.178 ng
RT: 19.83 min Scan# 2849
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Tgt Ion:202 Resp: 766396
Ion Ratio Lower Upper
202 100
200 21.3 17.8 26.6
203 19.0 15.5 23.3





#79

Terphenyl-d14

Concen: 72.324 ng

RT: 20.02 min Scan# 2882

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

Instrument :

BNA_F

ClientSampleId :

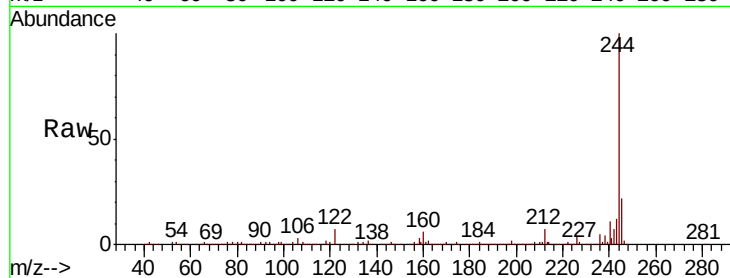
Tot Ion:244 Resp: 946589

Ion Ratio Lower Upper

244 100

212 7.0 6.0 9.0

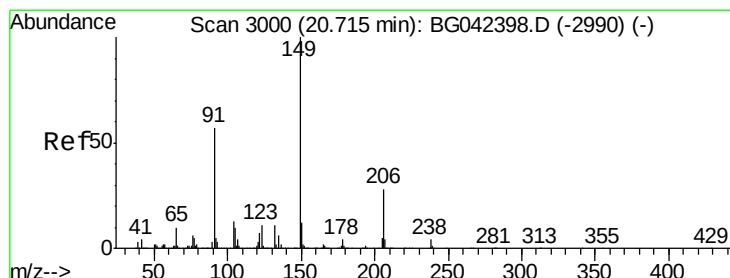
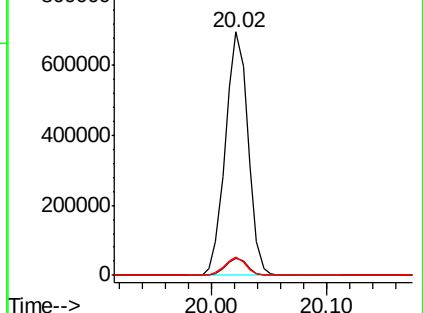
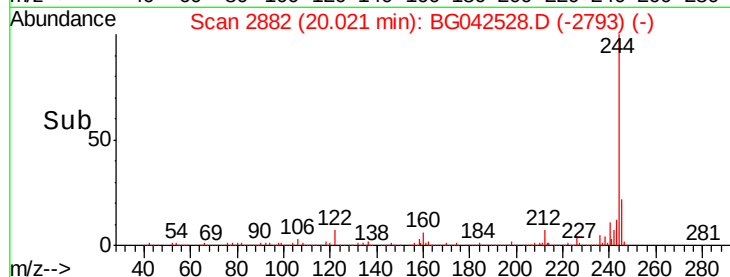
122 7.5 6.7 10.1



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: 42.106 ng

RT: 20.71 min Scan# 2999

Delta R.T. -0.01 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

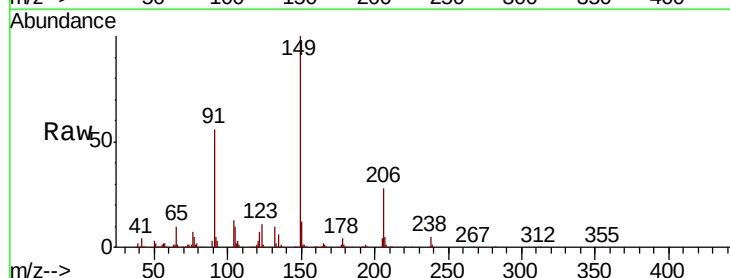
Tgt Ion:149 Resp: 287306

Ion Ratio Lower Upper

149 100

91 56.3 45.9 68.9

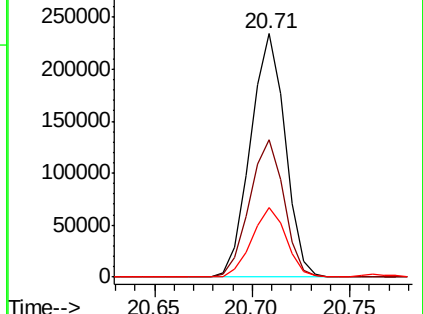
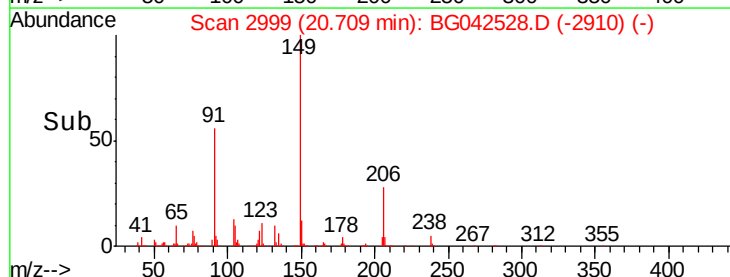
206 28.3 22.5 33.7

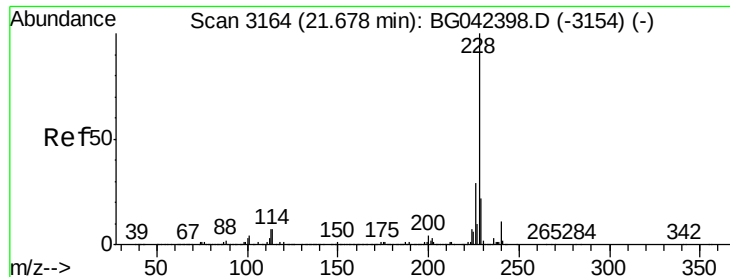


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

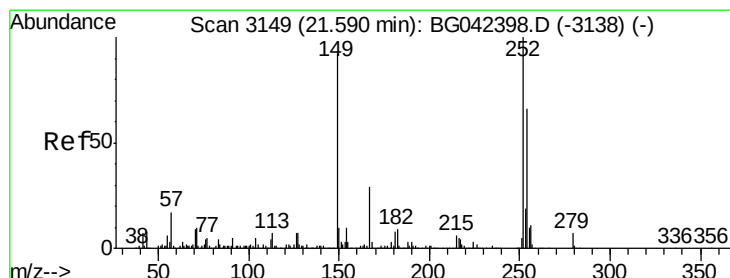
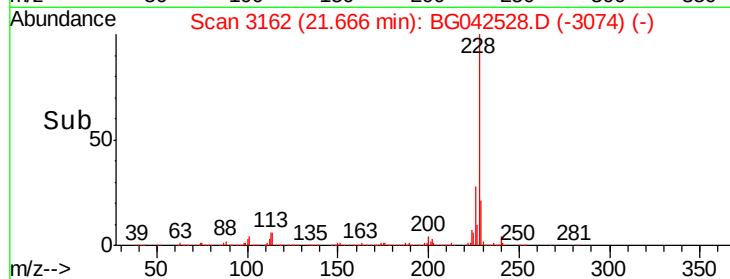
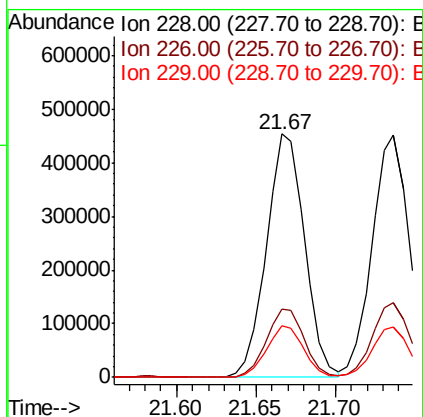
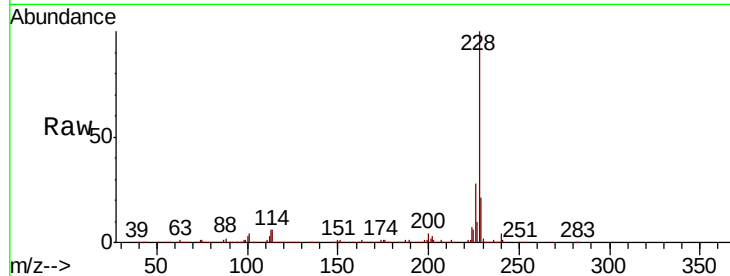




#81
Benzo(a)anthracene
Concen: 44.161 ng
RT: 21.67 min Scan# 3162
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

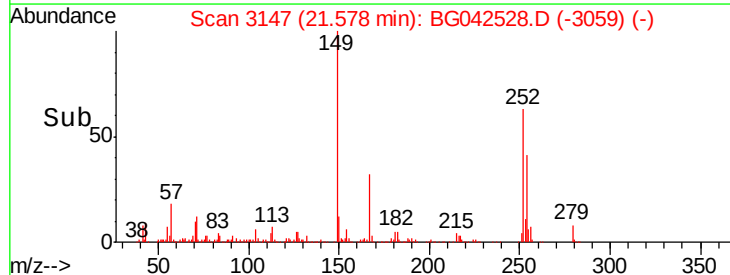
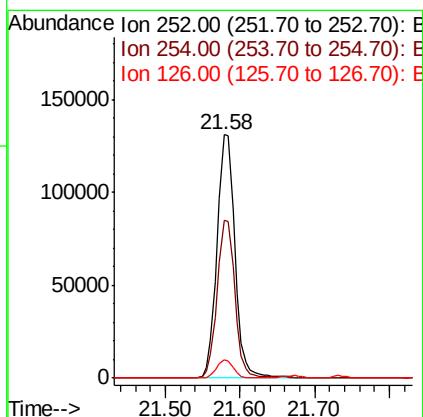
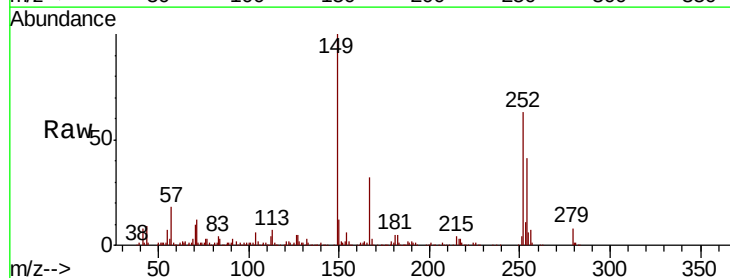
Instrument :
BNA_F
ClientSampleId :

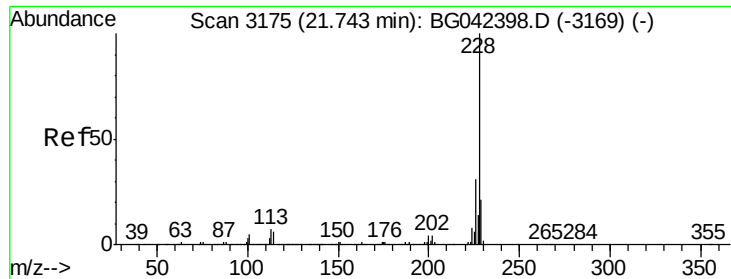
Tot Ion	Ratio	Lower	Upper
228	100		
226	28.1	23.4	35.2
229	21.2	17.4	26.2



#82
3,3'-Dichlorobenzidine
Concen: 31.755 ng
RT: 21.58 min Scan# 3147
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.7	53.0	79.4
126	7.5	5.7	8.5

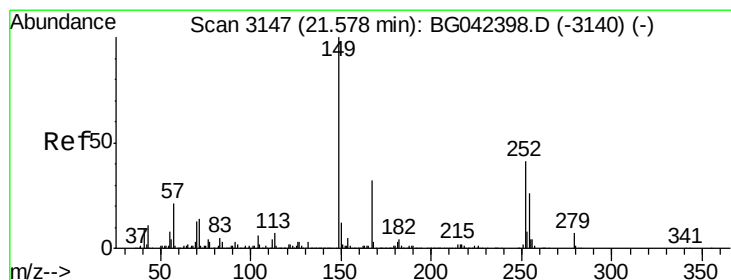
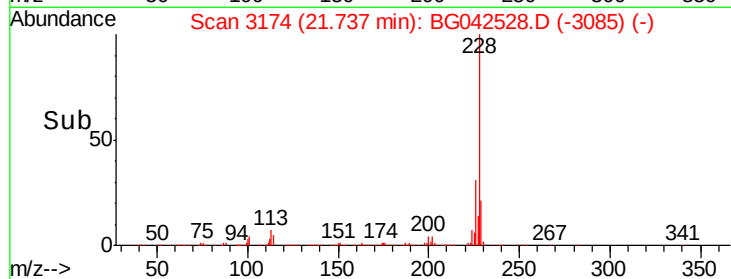
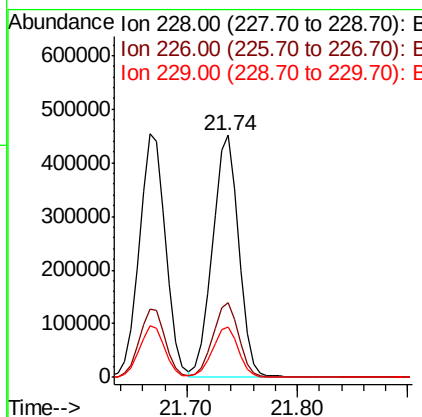
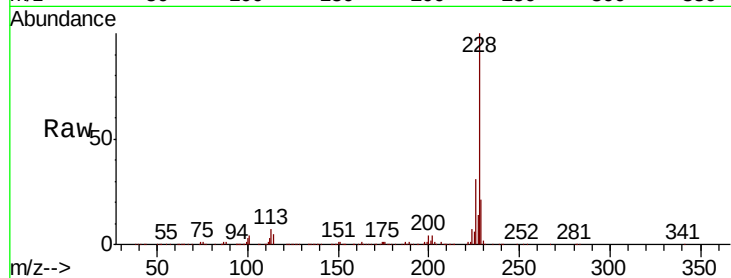




#83
 Chrysene
 Concen: 44.360 ng
 RT: 21.74 min Scan# 3174
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

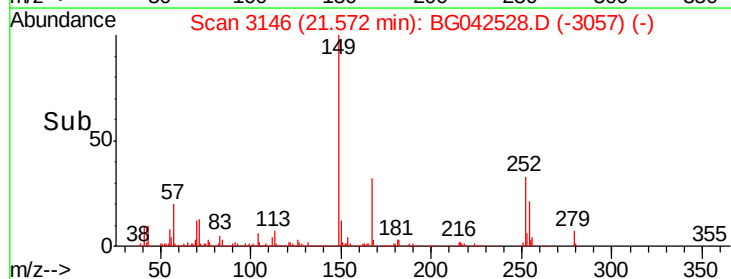
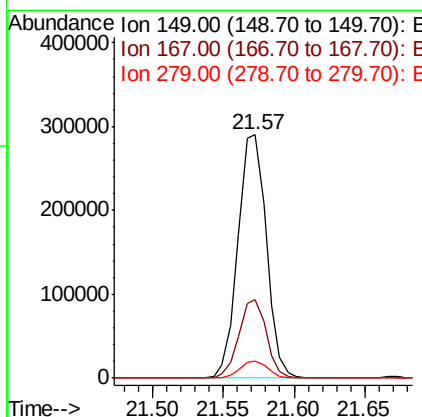
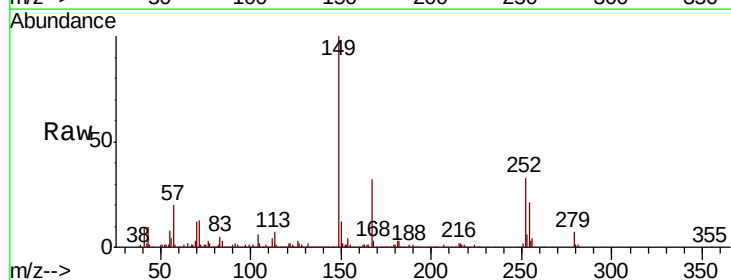
Instrument :
 BNA_F
 ClientSampleId :

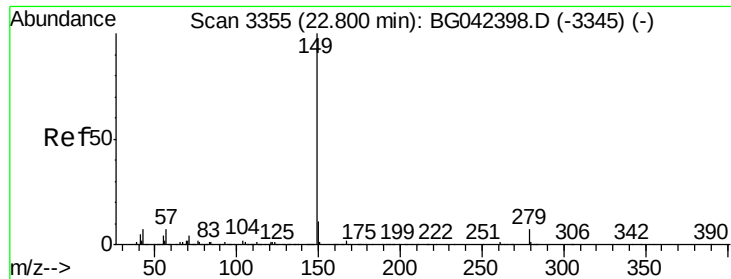
Tot	Ion:228	Resp:	736395
Ion	Ratio	Lower	Upper
228	100		
226	30.6	24.9	37.3
229	20.8	16.9	25.3



#84
 Bis(2-ethylhexyl)phthalate
 Concen: 43.132 ng
 RT: 21.57 min Scan# 3146
 Delta R.T. -0.01 min
 Lab File: BG042528.D
 Acq: 28 Aug 2019 10:40

Tgt Ion:149	Resp: 408620
Ion Ratio	Lower Upper
149 100	
167 32.2	26.0 39.0
279 7.3	5.4 8.0

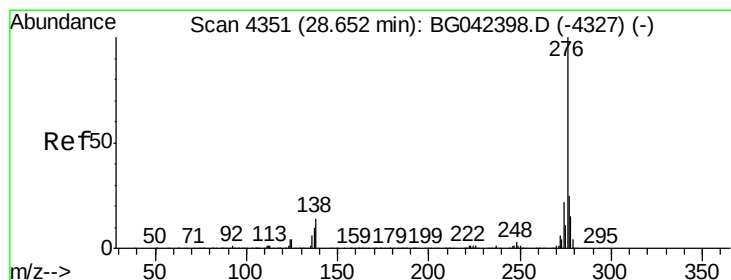
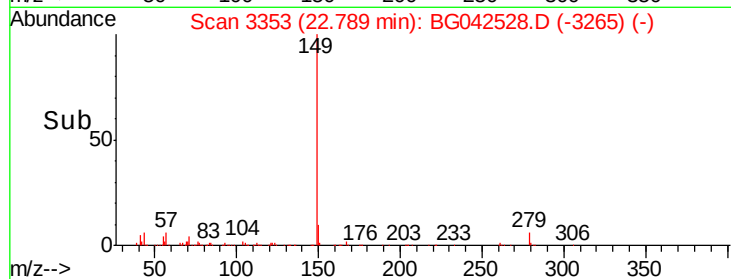
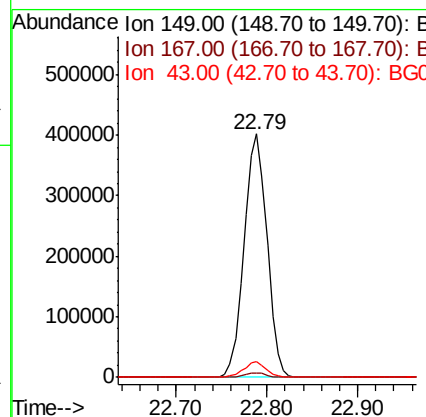
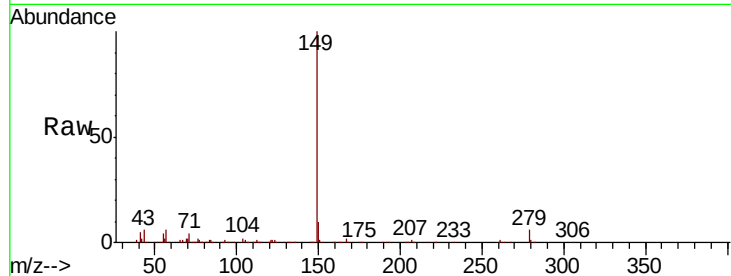




#85
Di-n-octyl phthalate
Concen: 43.203 ng
RT: 22.79 min Scan# 3353
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

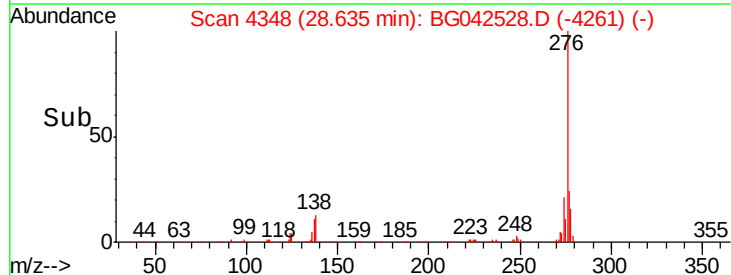
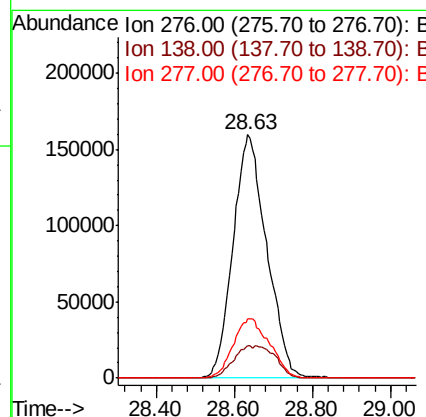
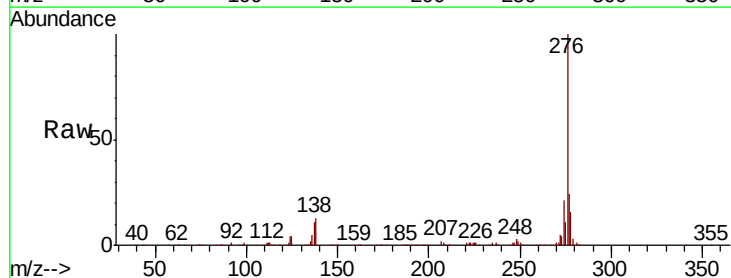
Instrument :
BNA_F
ClientSampled :

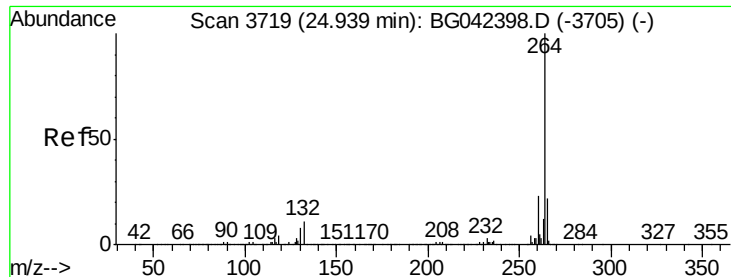
Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.6	2.4
43	6.1	5.3	7.9



#86
Indeno(1,2,3-cd)pyrene
Concen: 42.505 ng
RT: 28.63 min Scan# 4348
Delta R.T. -0.02 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Tgt Ion	Ratio	Lower	Upper
276	100		
138	7.7	9.2	13.8#
277	26.3	21.0	31.6

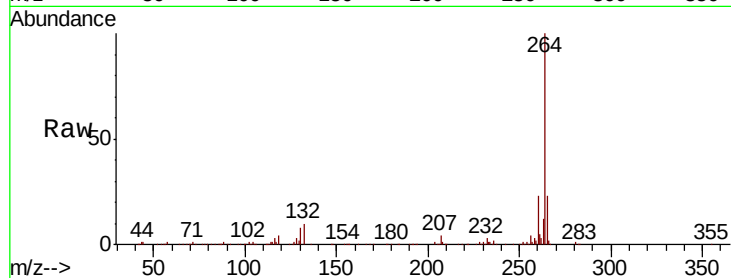




#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
264	100		
260	23.3	18.5	27.7
265	22.9	17.6	26.4

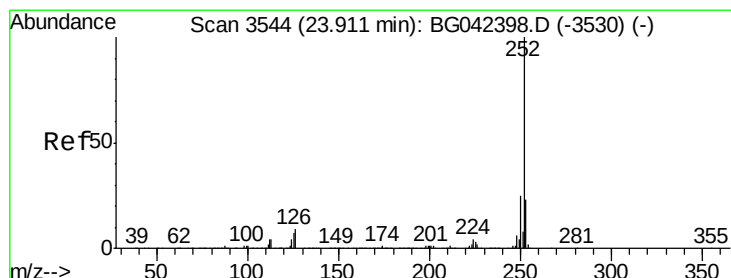
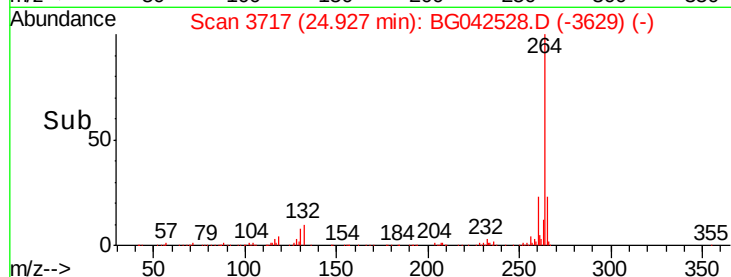
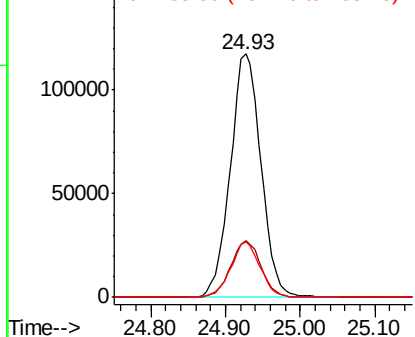


Abundance

Ion 264.00 (263.70 to 264.70): E

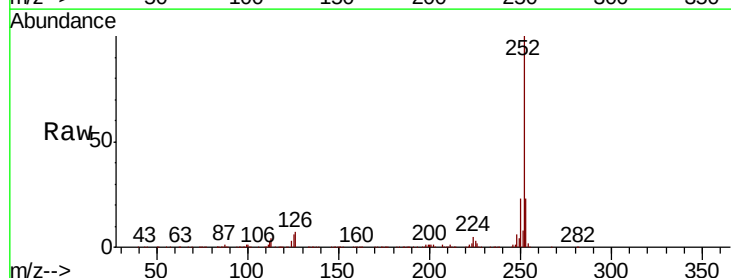
Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88
Benzo(b)fluoranthene
Concen: 44.905 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.2	18.6	27.8
125	6.2	5.6	8.4

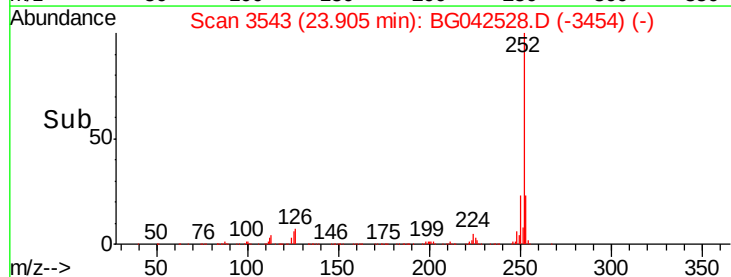
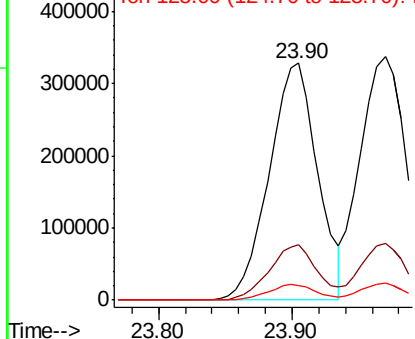


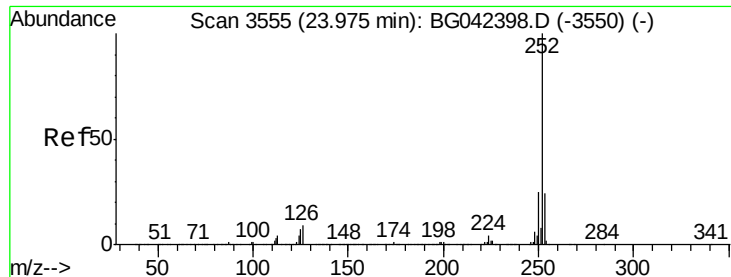
Abundance

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

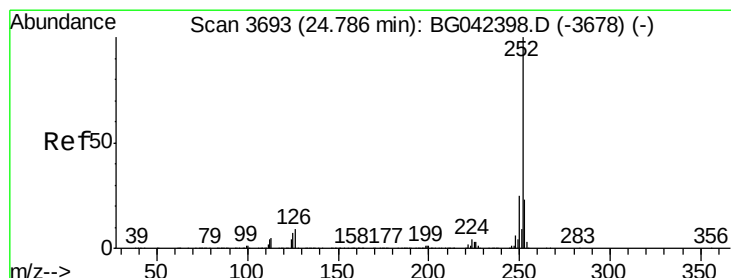
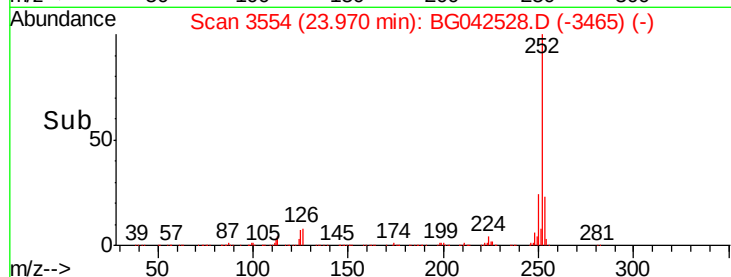
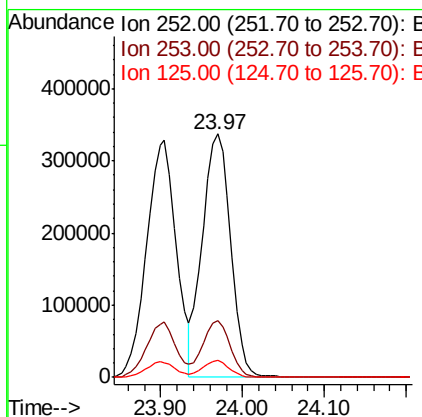
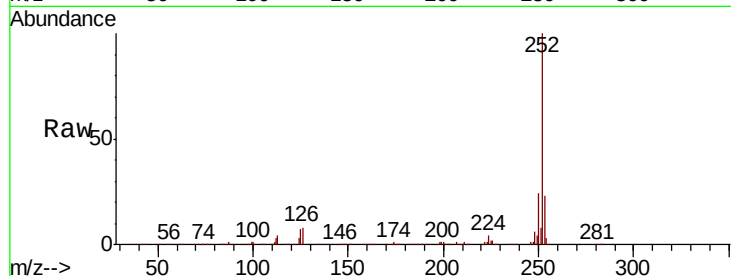




#89
Benzo(k)fluoranthene
Concen: 45.828 ng
RT: 23.97 min Scan# 3554
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

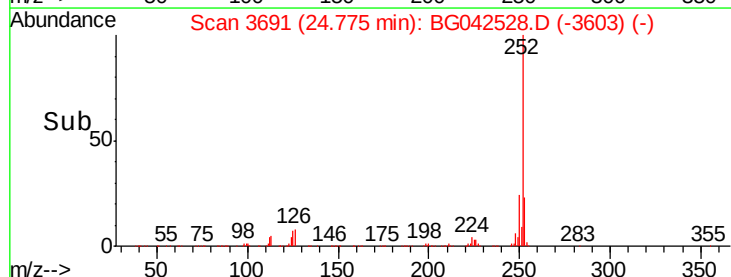
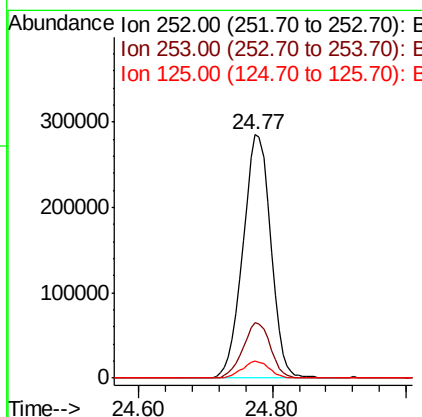
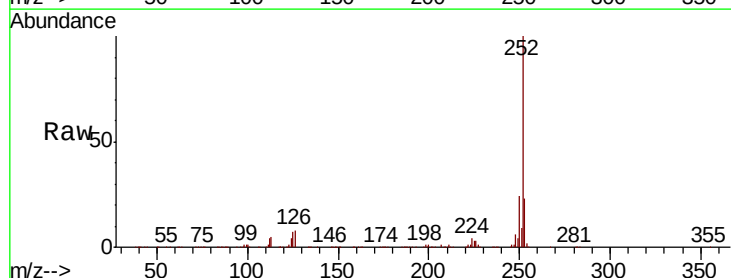
Instrument :
BNA_F
ClientSampled :

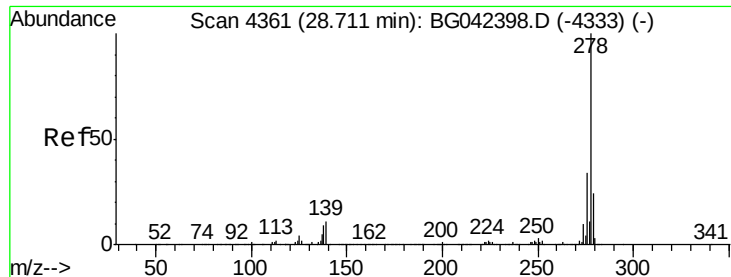
Tot Ion:252 Resp: 810640
Ion Ratio Lower Upper
252 100
253 23.2 18.6 27.8
125 6.8 5.8 8.6



#90
Benzo(a)pyrene
Concen: 46.647 ng
RT: 24.77 min Scan# 3691
Delta R.T. -0.01 min
Lab File: BG042528.D
Acq: 28 Aug 2019 10:40

Tgt Ion:252 Resp: 814558
Ion Ratio Lower Upper
252 100
253 22.7 18.4 27.6
125 7.1 6.0 9.0





#91

Dibenzo(a,h)anthracene

Concen: 45.009 ng

RT: 28.69 min Scan# 4358

Delta R.T. -0.02 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

Instrument :

BNA_F

ClientSampled :

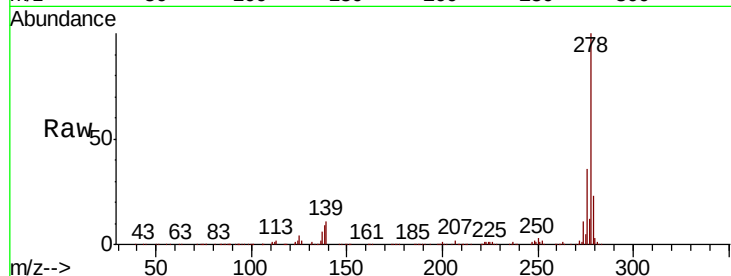
Tot Ion:278 Resp: 795787

Ion Ratio Lower Upper

278 100

139 10.8 8.8 13.2

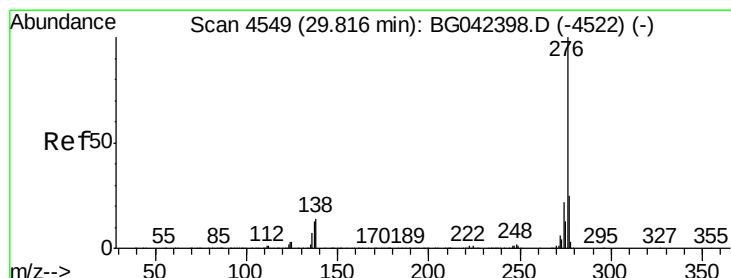
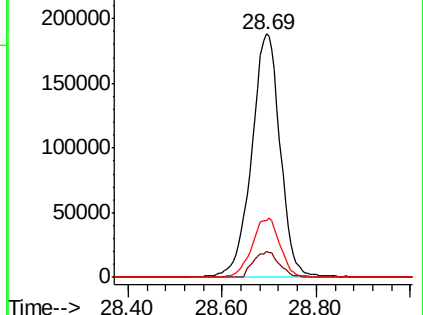
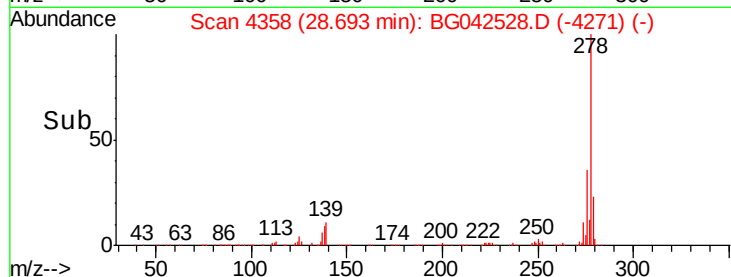
279 23.5 19.1 28.7



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: 45.714 ng

RT: 29.79 min Scan# 4544

Delta R.T. -0.03 min

Lab File: BG042528.D

Acq: 28 Aug 2019 10:40

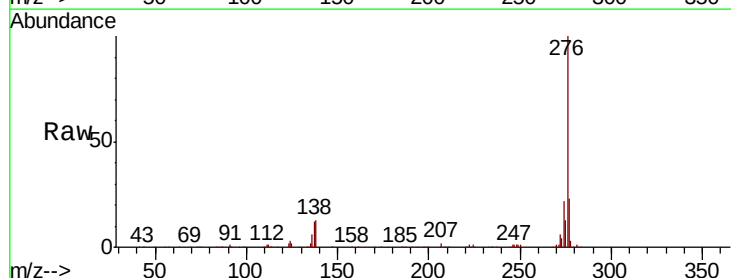
Tgt Ion:276 Resp: 808377

Ion Ratio Lower Upper

276 100

277 22.6 19.8 29.8

138 13.3 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

