

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112619\
 Data File : BG043779.D
 Acq On : 26 Nov 2019 15:57
 Operator : JU
 Sample : PB125122BS
 Misc :
 ALS Vial : 3 Sample Multiplier: 1

Instrument :
 BNA_F
 ClientSampleId :

Quant Time: Nov 26 16:49:43 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG112219.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.03	152	47504	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	269114	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	248761	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	685664	20.00	ng	0.00
76) Chrysene-d12	21.66	240	800309	20.00	ng	0.00
87) Perylene-d12	24.83	264	766798	20.00	ng	-0.01

System Monitoring Compounds						
5) 2-Fluorophenol	5.60	112	406949	154.01	ng	0.00
7) Phenol-d6	7.18	99	493478	128.47	ng	0.00
23) Nitrobenzene-d5	9.18	82	464930	94.99	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	447821	149.25	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	1276316	84.34	ng	-0.01
79) Terphenyl-d14	20.01	244	2917932	82.39	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.52	88	24728	21.106	ng	97
3) Pyridine	3.91	79	84069	25.484	ng	95
4) n-Nitrosodimethylamine	3.82	42	56047	34.201	ng	87
6) Aniline	7.35	93	103125	20.602	ng	99
8) 2-Chlorophenol	7.59	128	189189	62.775	ng	96
9) Benzaldehyde	7.16	77	101528	44.250	ng	91
10) Phenol	7.21	94	166565	42.241	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	171271	52.043	ng	95
12) 1,3-Dichlorobenzene	7.92	146	155583	43.854	ng	99
13) 1,4-Dichlorobenzene	8.06	146	162265	45.156	ng	95
14) 1,2-Dichlorobenzene	8.38	146	165015	48.533	ng	97
15) Benzyl Alcohol	8.26	79	188236	58.671	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.56	45	261445	46.194	ng	99
17) 2-Methylphenol	8.46	107	182831	64.851	ng	97
18) Hexachloroethane	9.12	117	57234	42.192	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	175619	58.140	ng	90
20) 3+4-Methylphenols	8.78	107	253531	64.460	ng	98
22) Acetophenone	8.84	105	308792	43.292	ng	# 95
24) Nitrobenzene	9.22	77	232415	46.196	ng	97
25) Isophorone	9.75	82	510631	48.654	ng	97
26) 2-Nitrophenol	9.93	139	96849	53.356	ng	99
27) 2,4-Dimethylphenol	9.99	122	220117	61.758	ng	94
28) bis(2-Chloroethoxy)methane	10.23	93	290654	44.934	ng	100
29) 2,4-Dichlorophenol	10.47	162	244977	56.538	ng	98
30) 1,2,4-Trichlorobenzene	10.69	180	212580	41.867	ng	99
31) Naphthalene	10.88	128	637499	47.754	ng	99
32) Benzoic acid	10.08	122	65708	25.565	ng	98
33) 4-Chloroaniline	10.98	127	86433	13.438	ng	96
34) Hexachlorobutadiene	11.18	225	118387	35.458	ng	99
35) Caprolactam	11.73	113	20066	11.389	ng	98
36) 4-Chloro-3-methylphenol	12.10	107	303757	62.381	ng	99
37) 2-Methylnaphthalene	12.48	142	540143	53.691	ng	99
38) 1-Methylnaphthalene	12.70	142	525282	55.017	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	287694	36.346	ng	99

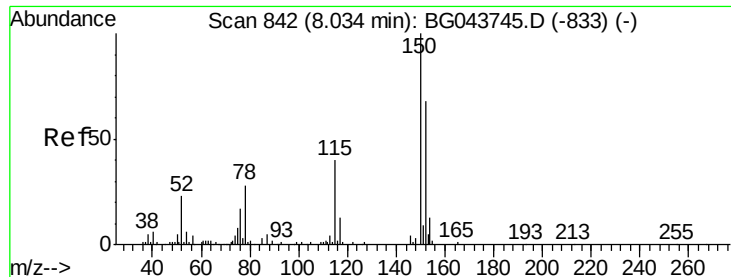
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG112619\
 Data File : BG043779.D
 Acq On : 26 Nov 2019 15:57
 Operator : JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sat Nov 23 00:54:00 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.84	237	262542	61.391	ng	99
43) 2,4,6-Trichlorophenol	13.08	196	236018	46.362	ng	97
44) 2,4,5-Trichlorophenol	13.15	196	267004	50.415	ng	99
46) 1,1'-Biphenyl	13.49	154	741011	42.974	ng	99
47) 2-Chloronaphthalene	13.53	162	594472	42.276	ng	97
48) 2-Nitroaniline	13.72	65	214265	52.047	ng	97
49) Acenaphthylene	14.37	152	1028169	46.474	ng	97
50) Dimethylphthalate	14.10	163	890434	45.186	ng	99
51) 2,6-Dinitrotoluene	14.21	165	206364	56.391	ng	97
52) Acenaphthene	14.72	154	699346	49.430	ng	99
53) 3-Nitroaniline	14.54	138	80334	18.794	ng	# 92
54) 2,4-Dinitrophenol	14.75	184	163653	109.455	ng	# 65
55) Dibenzofuran	15.05	168	1030824	46.768	ng	99
56) 4-Nitrophenol	14.84	139	321640	89.334	ng	93
57) 2,4-Dinitrotoluene	15.00	165	306450	60.383	ng	92
58) Fluorene	15.70	166	853147	47.199	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.19	232	255616	48.054	ng	95
60) Diethylphthalate	15.47	149	938930	47.031	ng	99
61) 4-Chlorophenyl-phenylether	15.70	204	447797	44.996	ng	97
62) 4-Nitroaniline	15.70	138	249274	50.858	ng	89
63) Azobenzene	15.98	77	867435	46.768	ng	98
65) 4,6-Dinitro-2-methylphenol	15.77	198	132226	51.518	ng	96
66) n-Nitrosodiphenylamine	15.90	169	827123	45.562	ng	98
67) 4-Bromophenyl-phenylether	16.58	248	304839	42.159	ng	96
68) Hexachlorobenzene	16.71	284	328198	41.519	ng	97
69) Atrazine	16.85	200	368009	50.581	ng	99
70) Pentachlorophenol	17.04	266	464848	96.372	ng	97
71) Phenanthrene	17.44	178	1560760	46.003	ng	96
72) Anthracene	17.53	178	1610061	46.979	ng	96
73) Carbazole	17.79	167	1634531	50.402	ng	96
74) Di-n-butylphthalate	18.37	149	1855092	42.686	ng	97
75) Fluoranthene	19.45	202	2168477	44.557	ng	93
77) Benzidine	19.62	184	642159	27.469	ng	100
78) Pyrene	19.80	202	2230673	43.188	ng	93
80) Butylbenzylphthalate	20.70	149	1132004	48.110	ng	98
81) Benzo(a)anthracene	21.64	228	2358417	44.080	ng	93
82) 3,3'-Dichlorobenzidine	21.55	252	387365	19.307	ng	99
83) Chrysene	21.71	228	2210738	43.667	ng	93
84) Bis(2-ethylhexyl)phthalate	21.57	149	1529330	46.195	ng	94
85) Di-n-octyl phthalate	22.78	149	2219346	41.330	ng	99
86) Indeno(1,2,3-cd)pyrene	28.45	276	2420145	41.095	ng	100
88) Benzo(b)fluoranthene	23.83	252	2037018	44.493	ng	94
89) Benzo(k)fluoranthene	23.90	252	2005269	45.638	ng	96
90) Benzo(a)pyrene	24.69	252	1880798	43.688	ng	98
91) Dibenzo(a,h)anthracene	28.52	278	1973137	47.252	ng	# 95
92) Benzo(g,h,i)perylene	29.58	276	1990364	48.334	ng	97

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

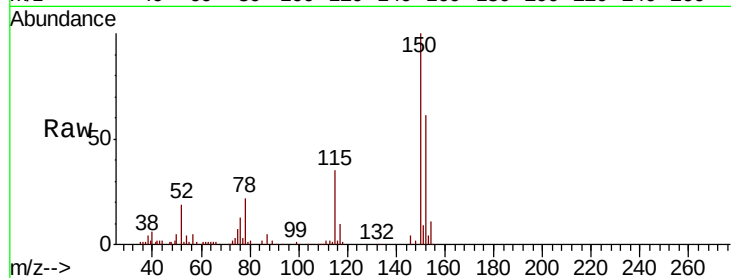


#1

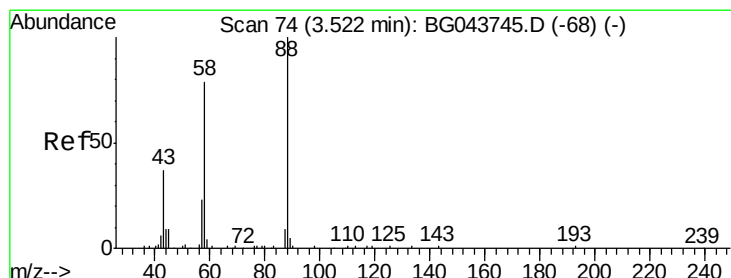
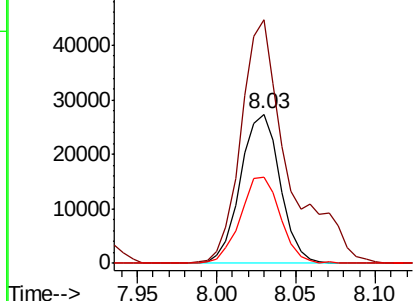
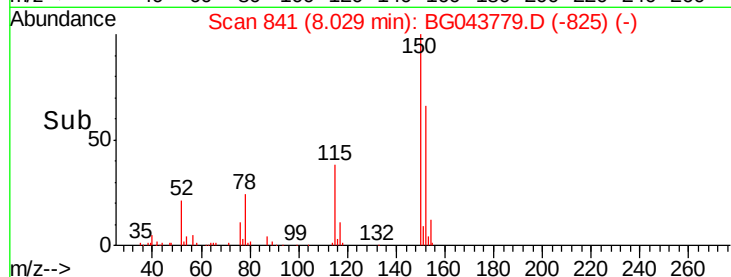
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.03 min Scan# 841
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	152	Resp	47504
Ion Ratio	100	Lower	Upper
150	162.9	117.8	176.8
115	57.7	47.0	70.4



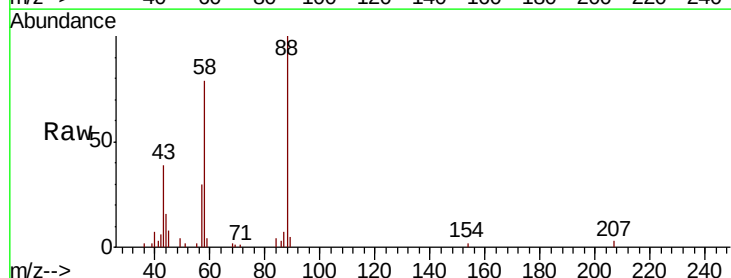
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



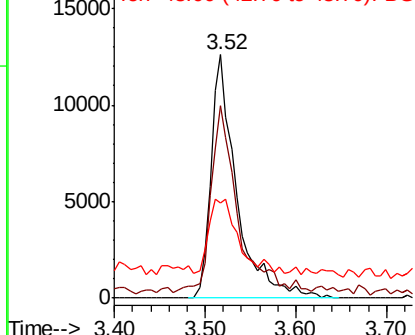
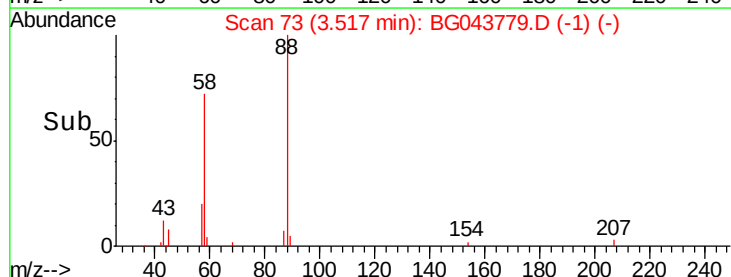
#2

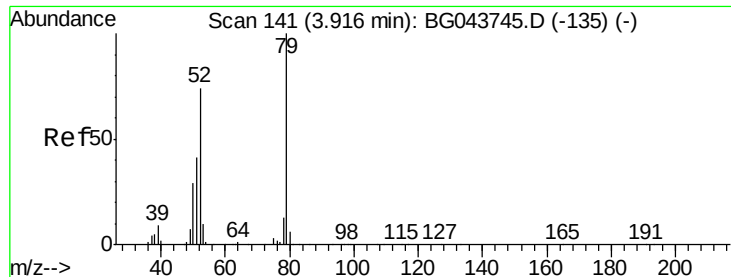
1,4-Dioxane
Concen: 21.106 ng
RT: 3.52 min Scan# 73
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	88	Resp	24728
Ion Ratio	100	Lower	Upper
58	79.9	62.3	93.5
43	33.0	28.9	43.3



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: 25.484 ng

RT: 3.91 min Scan# 140

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

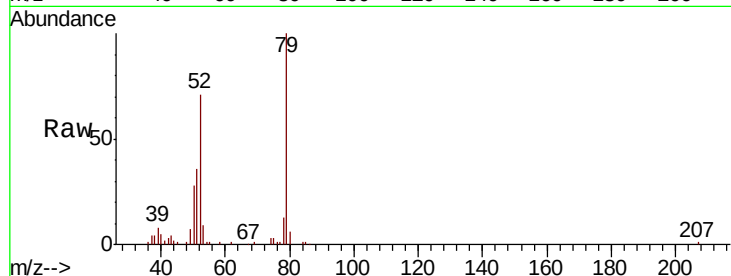
Tot Ion: 79 Resp: 84069

Ion Ratio Lower Upper

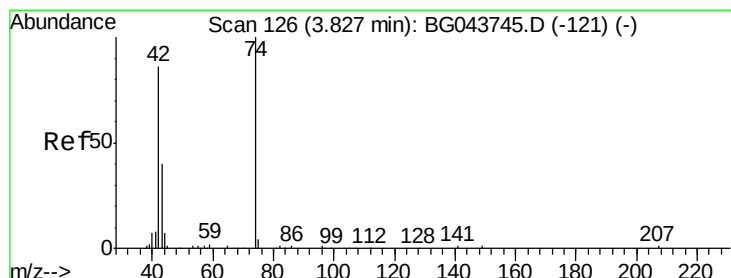
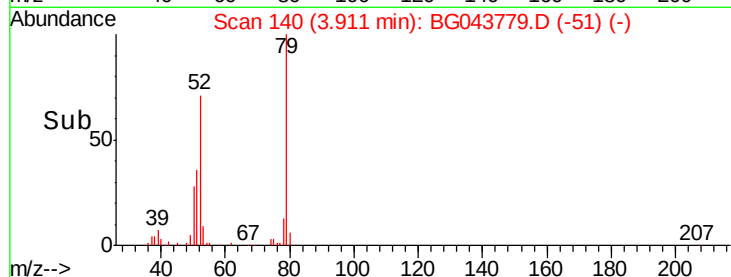
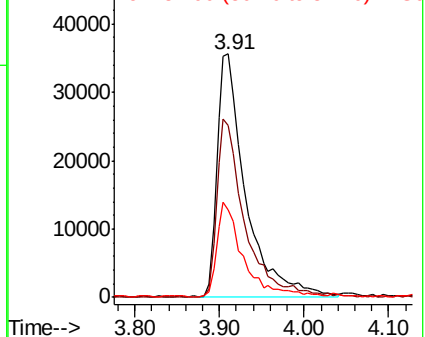
79 100

52 70.5 59.0 88.6

51 36.1 32.9 49.3



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



#4

n-Nitrosodimethylamine

Concen: 34.201 ng

RT: 3.82 min Scan# 124

Delta R.T. -0.01 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

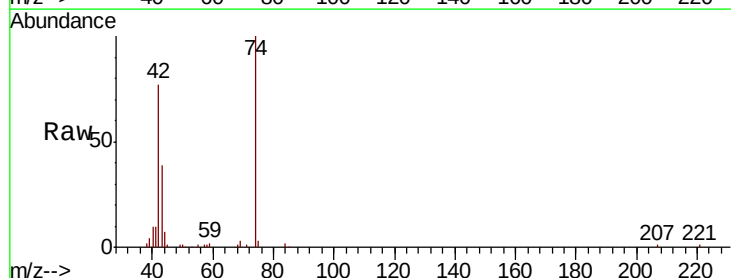
Tgt Ion: 42 Resp: 56047

Ion Ratio Lower Upper

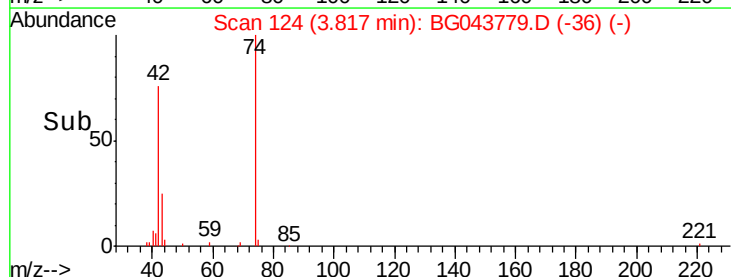
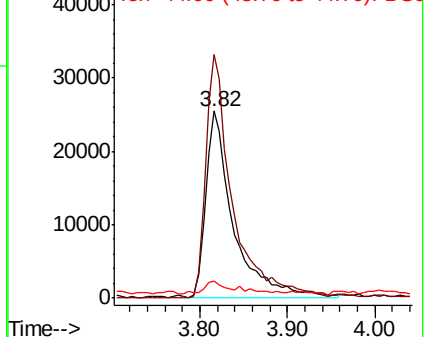
42 100

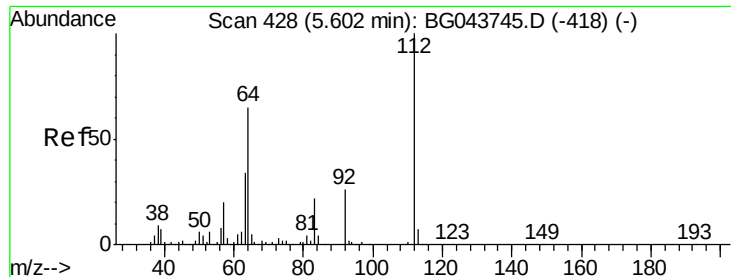
74 130.3 91.9 137.9

44 9.3 9.1 13.7



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





#5

2-Fluorophenol

Concen: 154.009 ng

RT: 5.60 min Scan# 428

Delta R.T. 0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

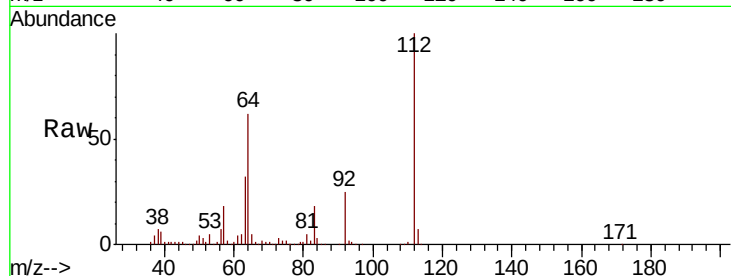
Tot Ion:112 Resp: 406949

Ion Ratio Lower Upper

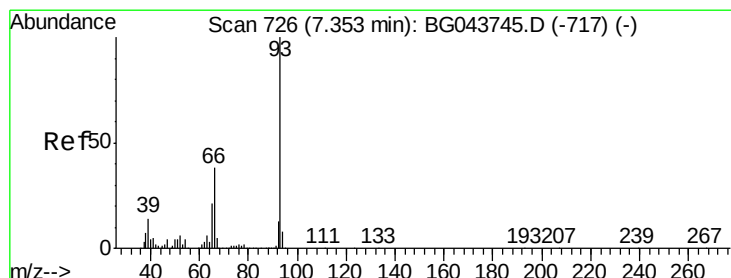
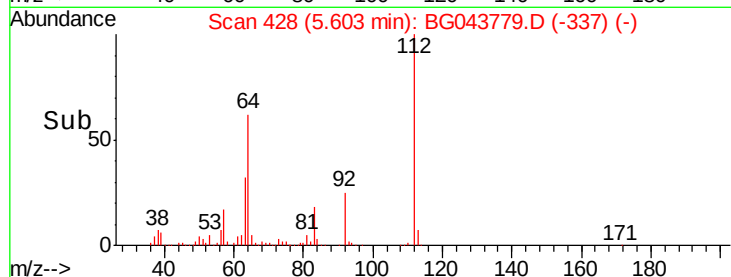
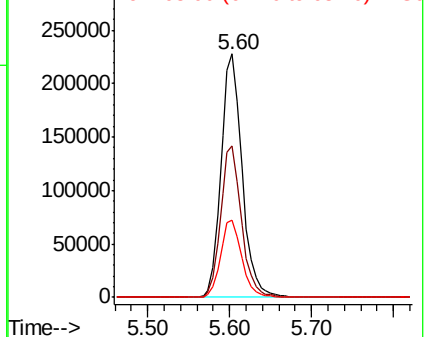
112 100

64 62.2 51.7 77.5

63 31.7 26.8 40.2



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



#6

Aniline

Concen: 20.602 ng

RT: 7.35 min Scan# 725

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

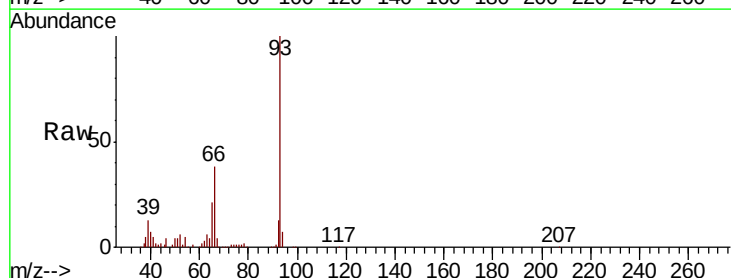
Tgt Ion: 93 Resp: 103125

Ion Ratio Lower Upper

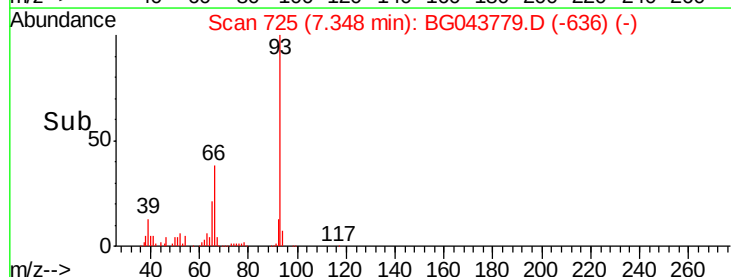
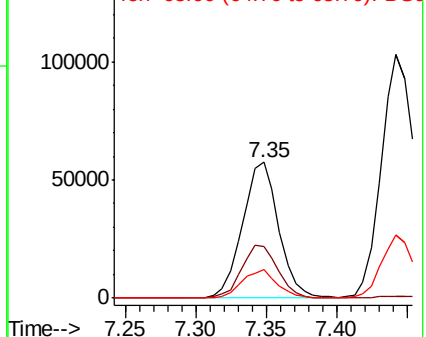
93 100

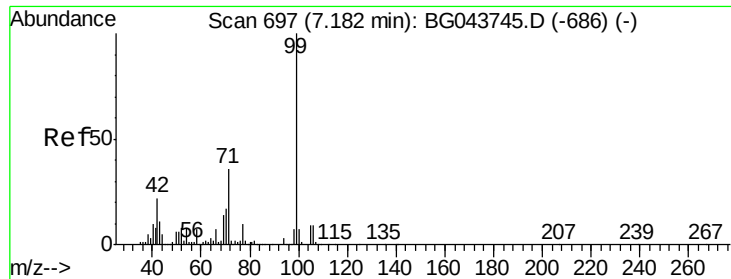
66 37.8 30.6 46.0

65 21.4 16.8 25.2



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: 128.472 ng

RT: 7.18 min Scan# 696

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

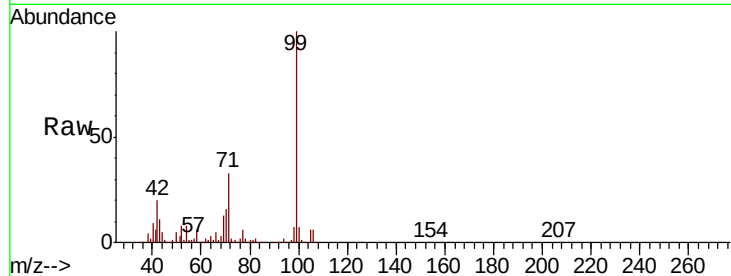
Tot Ion: 99 Resp: 493478

Ion Ratio Lower Upper

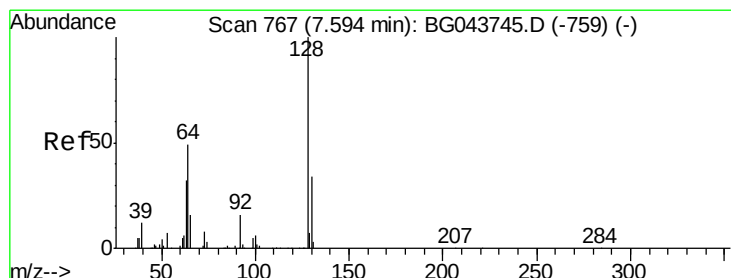
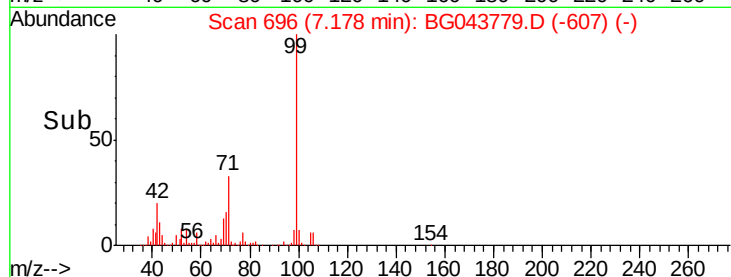
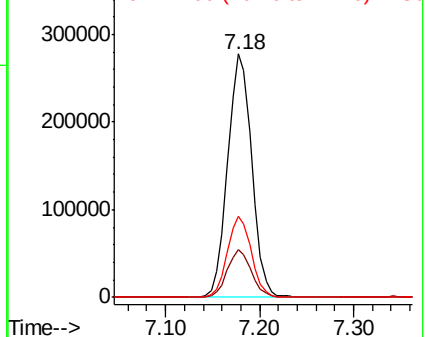
99 100

42 19.5 17.4 26.0

71 33.3 29.5 44.3



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: 62.775 ng

RT: 7.59 min Scan# 766

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

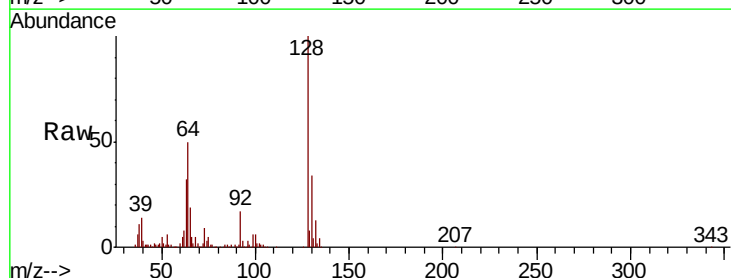
Tgt Ion:128 Resp: 189189

Ion Ratio Lower Upper

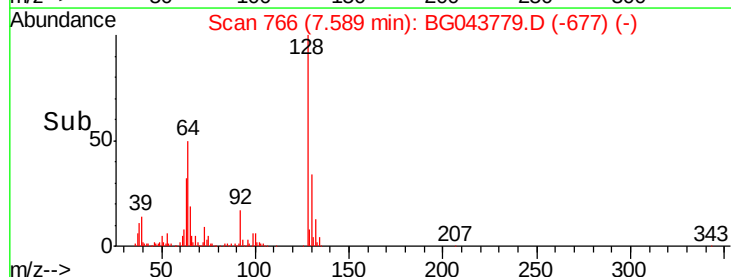
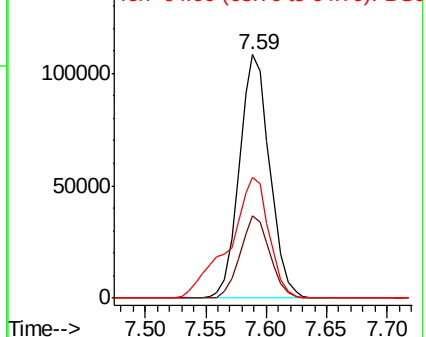
128 100

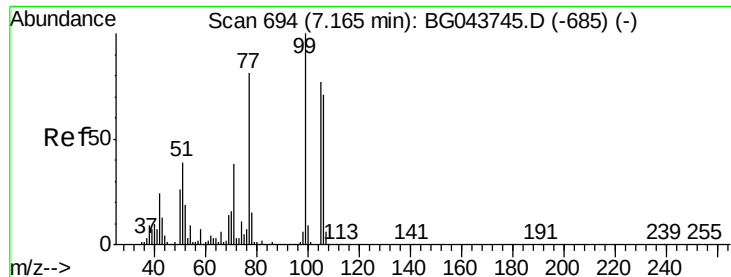
130 33.9 14.3 54.3

64 49.8 34.5 74.5



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





#9

Benzaldehyde

Concen: 44.250 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

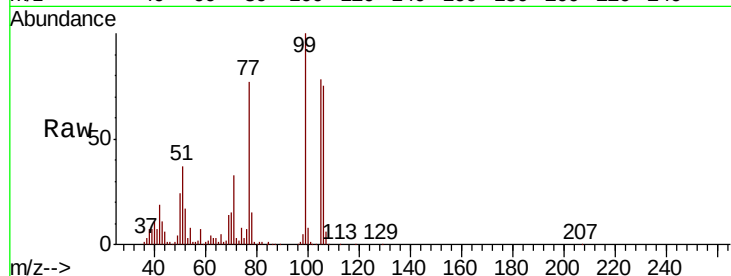
Tot Ion: 77 Resp: 101528

Ion Ratio Lower Upper

77 100

105 101.9 75.0 115.0

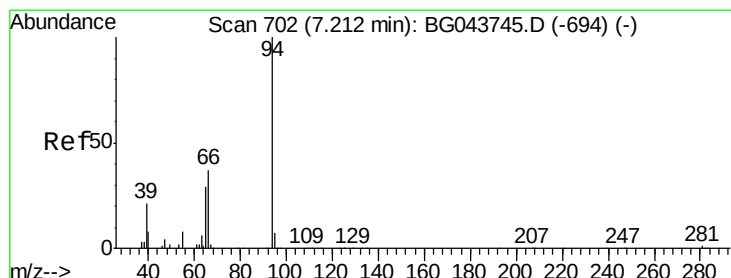
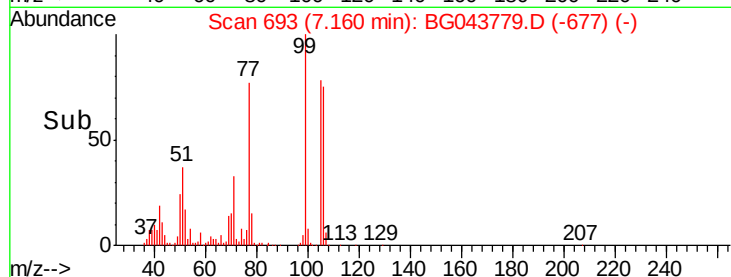
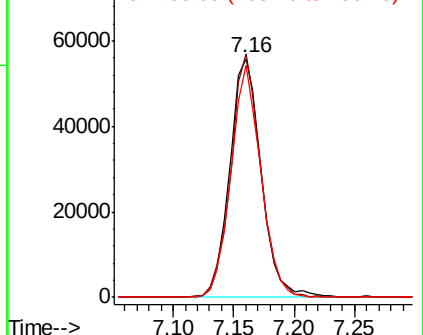
106 97.3 67.4 107.4



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: 42.241 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

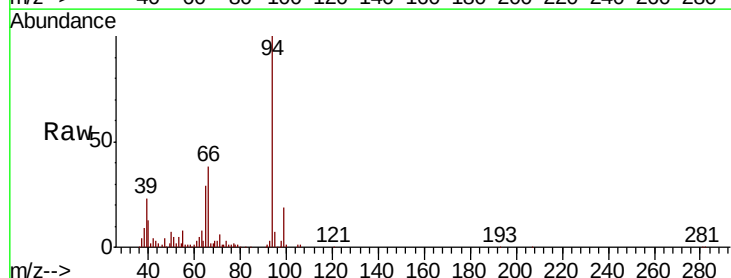
Tgt Ion: 94 Resp: 166565

Ion Ratio Lower Upper

94 100

65 28.6 10.3 50.3

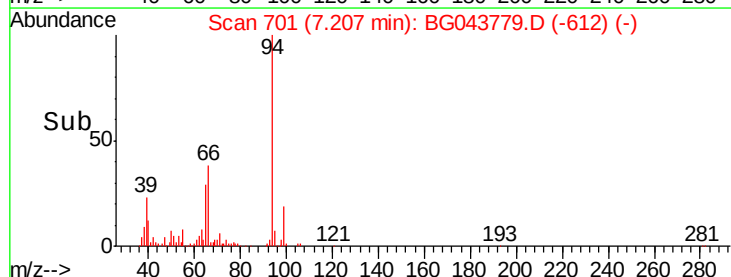
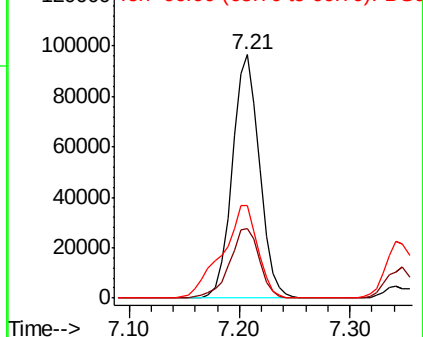
66 38.3 20.5 60.5

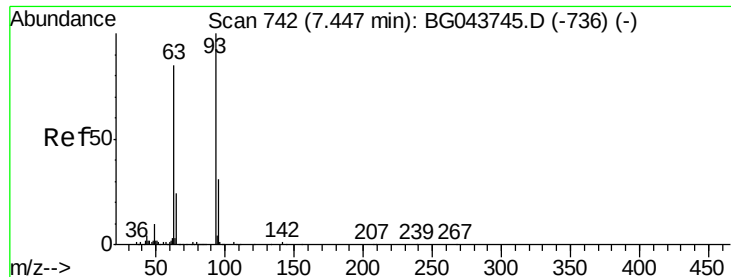


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

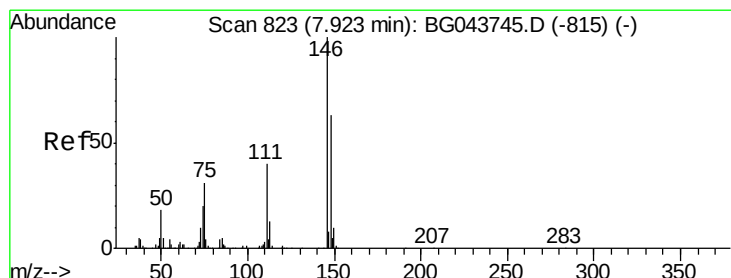
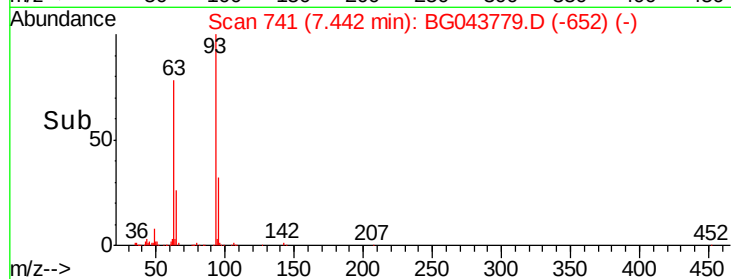
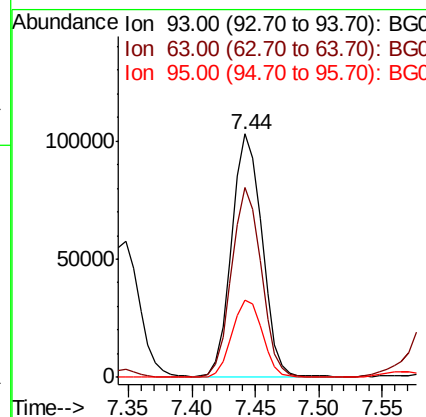
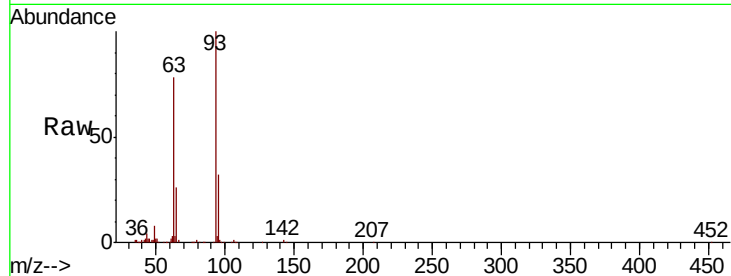




#11
bis(2-Chloroethyl)ether
Concen: 52.043 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

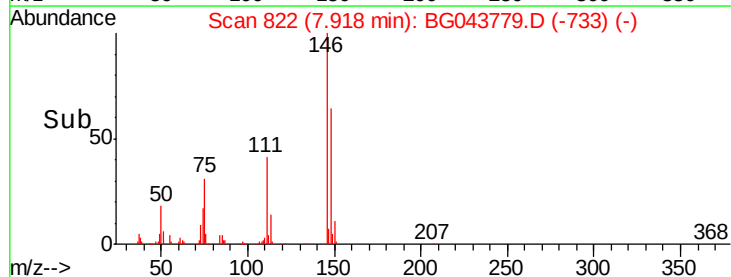
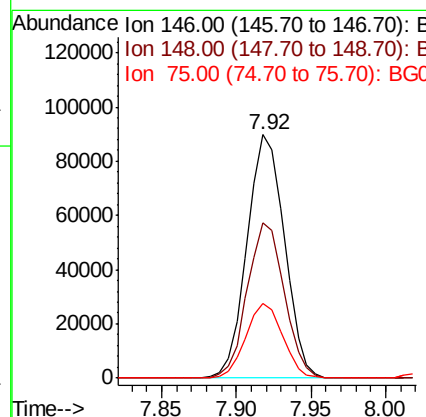
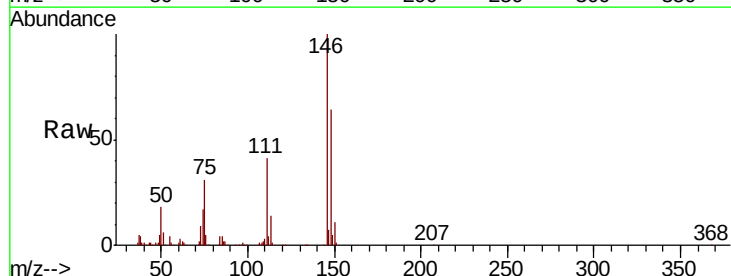
Instrument :
BNA_F
ClientSampleId :

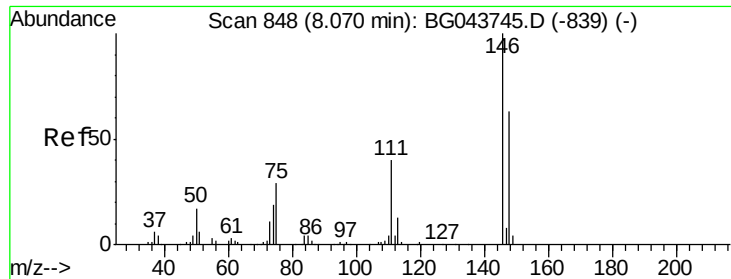
Tot Ion: 93 Resp: 171271
Ion Ratio Lower Upper
93 100
63 78.0 64.4 104.4
95 31.5 11.3 51.3



#12
1,3-Dichlorobenzene
Concen: 43.854 ng
RT: 7.92 min Scan# 822
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion: 146 Resp: 155583
Ion Ratio Lower Upper
146 100
148 64.0 50.6 75.8
75 30.7 25.2 37.8

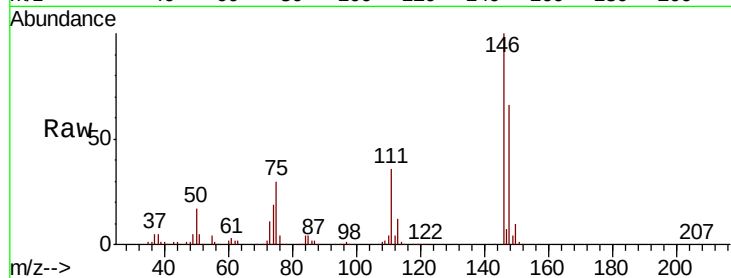




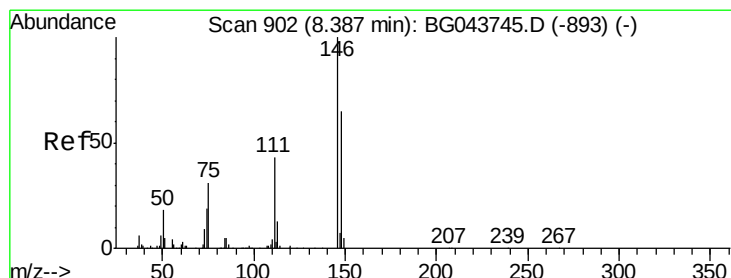
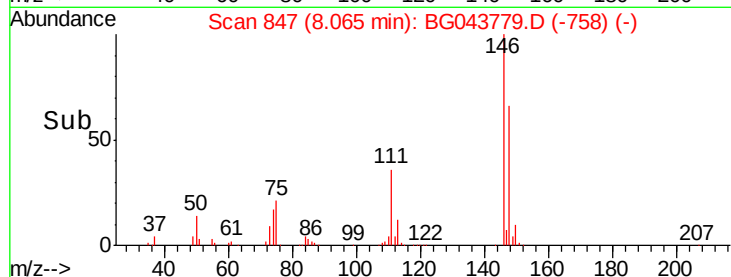
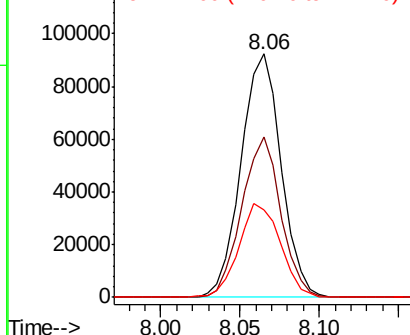
#13
 1,4-Dichlorobenzene
 Concen: 45.156 ng
 RT: 8.06 min Scan# 847
 Delta R.T. -0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:146 Resp: 162265
 Ion Ratio Lower Upper
 146 100
 148 65.7 50.1 75.1
 111 36.0 32.1 48.1

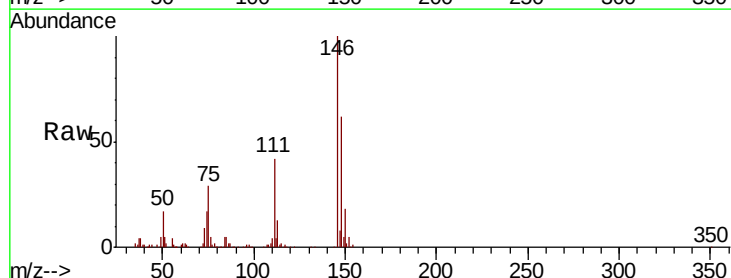


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

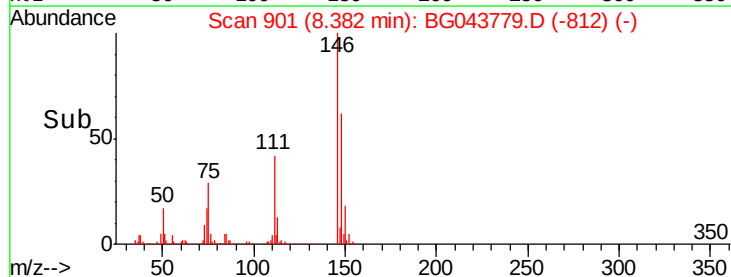
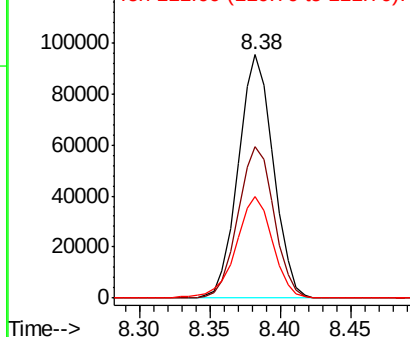


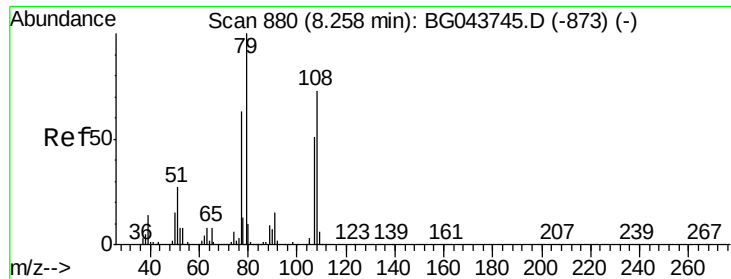
#14
 1,2-Dichlorobenzene
 Concen: 48.533 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

Tgt Ion:146 Resp: 165015
 Ion Ratio Lower Upper
 146 100
 148 62.1 52.1 78.1
 111 41.9 34.7 52.1



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





#15

Benzyl Alcohol

Concen: 58.671 ng

RT: 8.26 min Scan# 880

Delta R.T. 0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_F

ClientSampled :

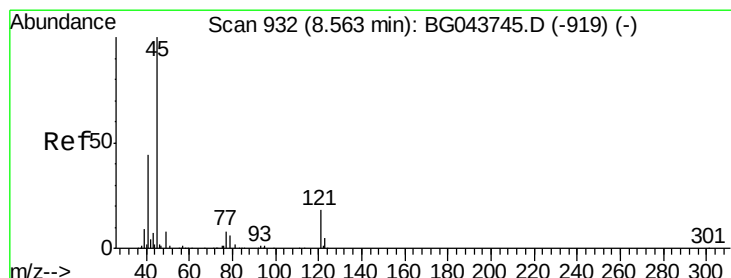
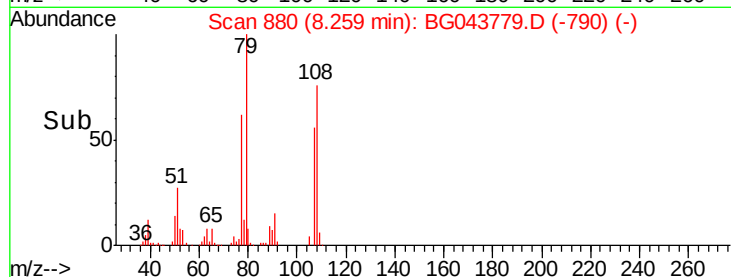
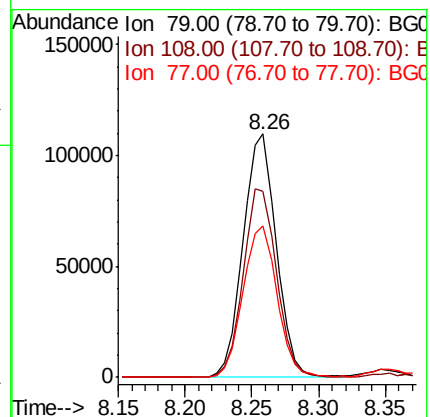
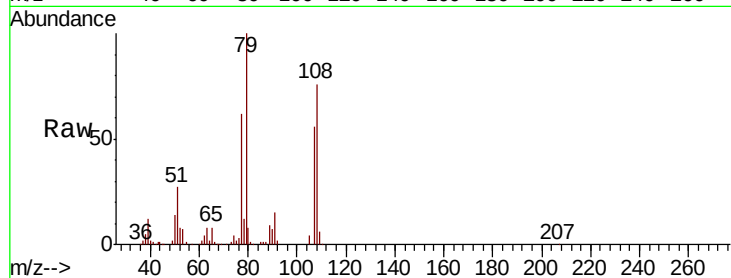
Tot Ion: 79 Resp: 188236

Ion Ratio Lower Upper

79 100

108 76.3 58.2 87.2

77 62.4 50.2 75.4



#16

2,2'-oxybis(1-chloropropane)

Concen: 46.194 ng

RT: 8.56 min Scan# 931

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

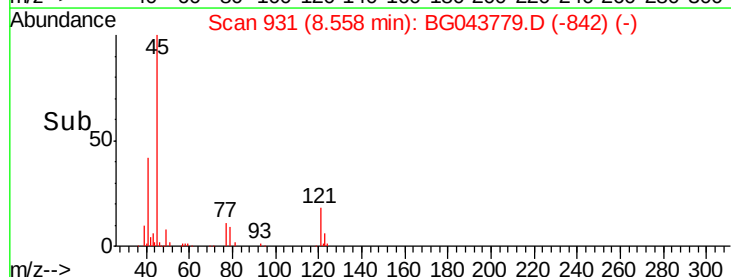
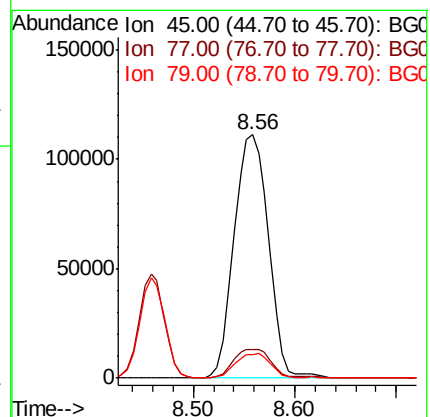
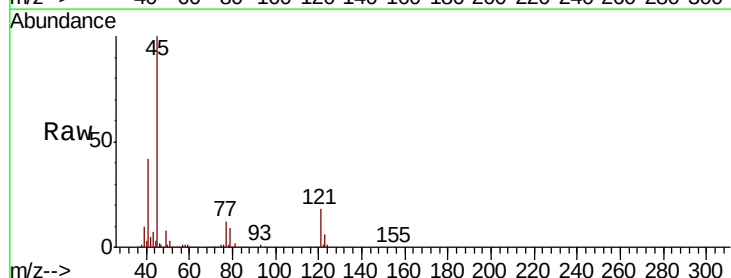
Tgt Ion: 45 Resp: 261445

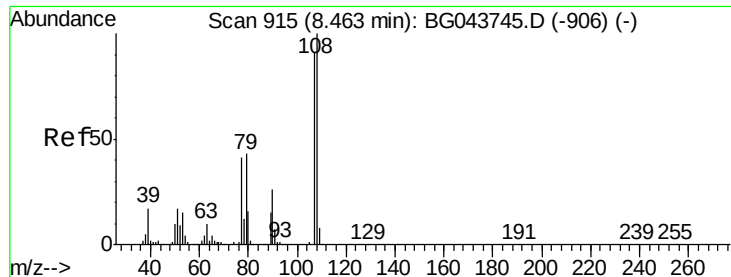
Ion Ratio Lower Upper

45 100

77 11.6 0.0 32.2

79 9.5 0.0 29.9





#17

2-Methylphenol

Concen: 64.851 ng

RT: 8.46 min Scan# 914

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:107 Resp: 182831

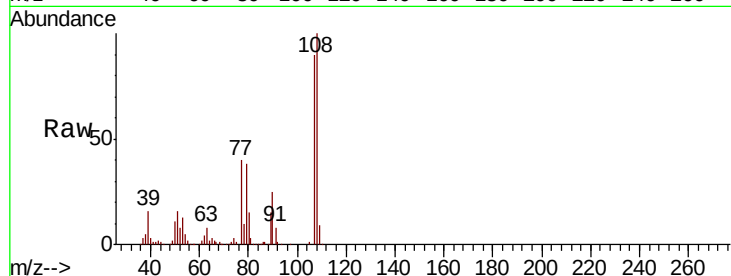
Ion Ratio Lower Upper

107 100

108 110.5 88.0 132.0

77 44.0 35.9 53.9

79 41.9 38.2 57.2

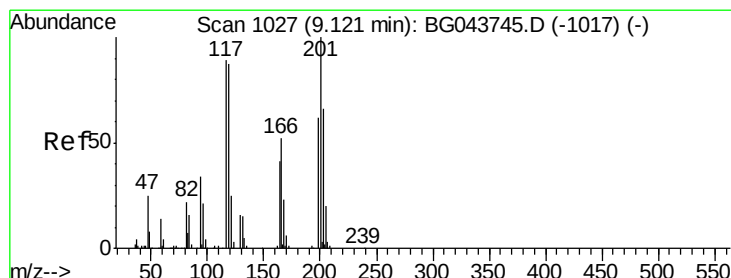
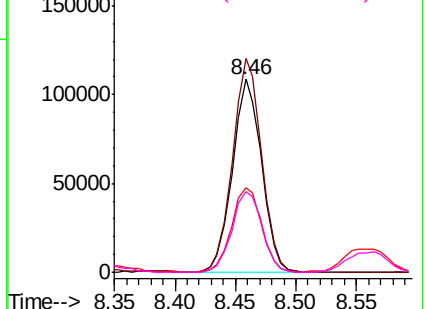
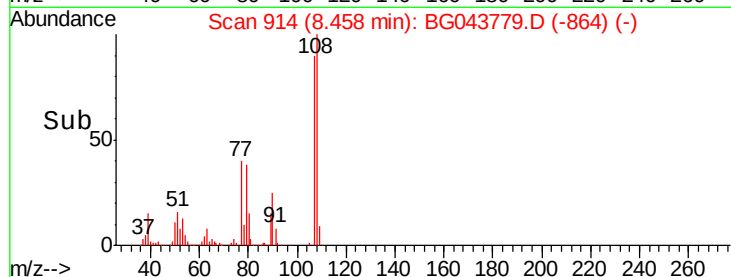


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 42.192 ng

RT: 9.12 min Scan# 1026

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

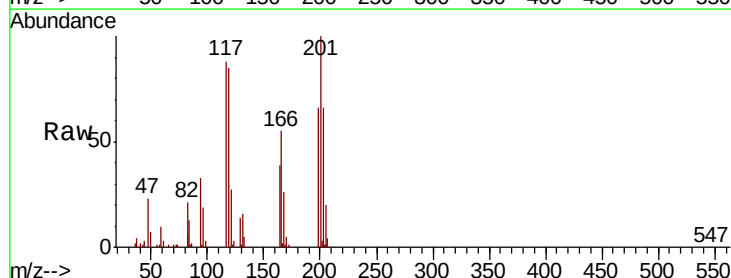
Tgt Ion:117 Resp: 57234

Ion Ratio Lower Upper

117 100

119 97.5 77.7 116.5

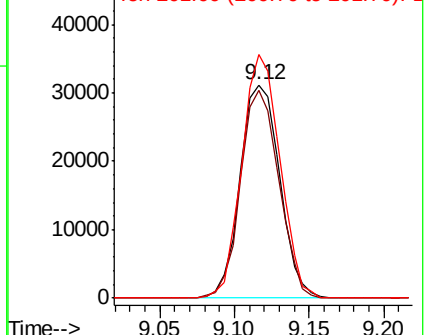
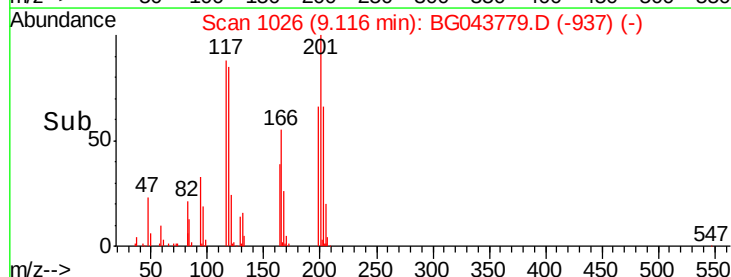
201 117.5 89.4 134.0

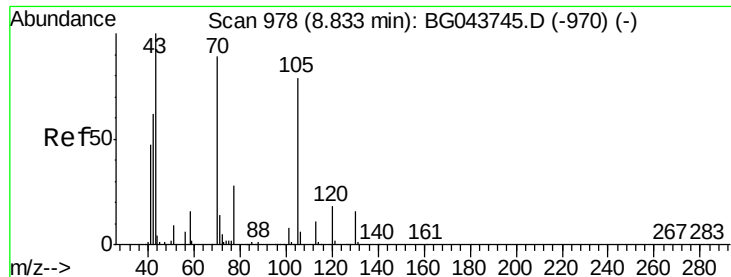


Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E

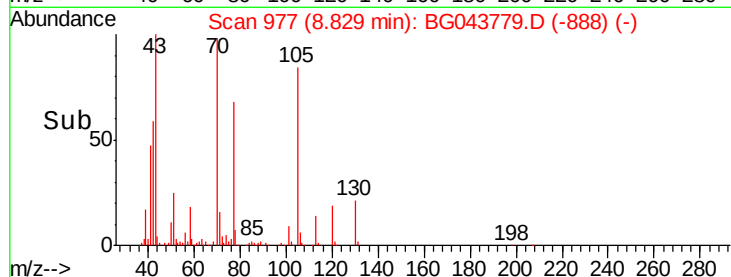
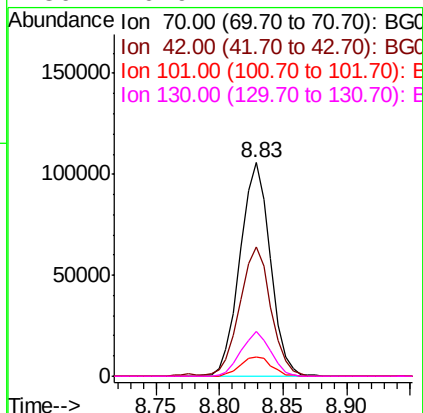
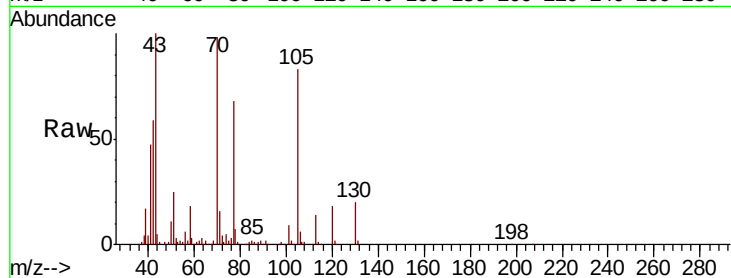




#19
n-Nitroso-di-n-propylamine
Concen: 58.140 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

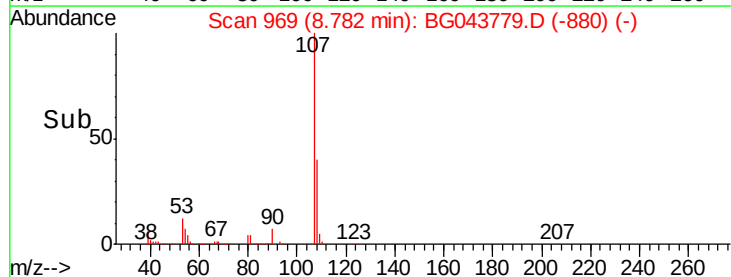
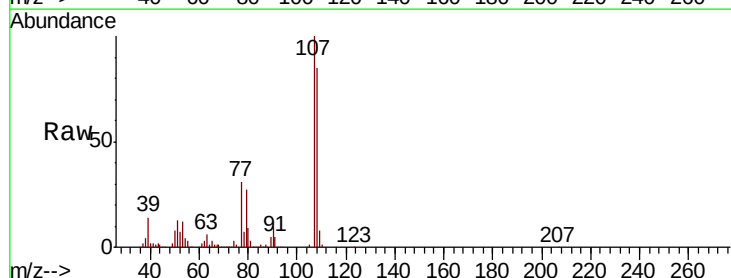
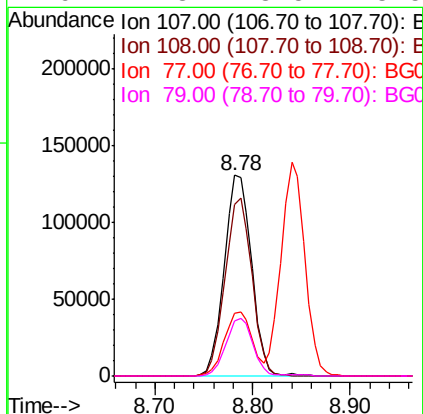
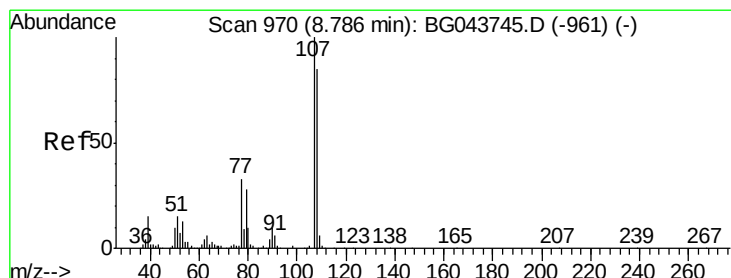
Instrument :
BNA_F
ClientSampleId :

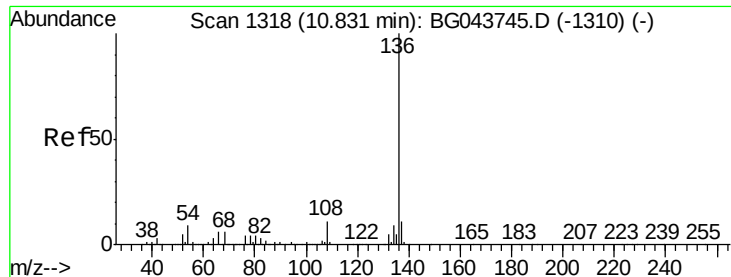
Tot Ion:	70	Resp:	175619
Ion	Ratio	Lower	Upper
70	100		
42	60.5	56.4	84.6
101	9.0	6.7	10.1
130	20.9	14.7	22.1



#20
3+4-Methylphenols
Concen: 64.460 ng
RT: 8.78 min Scan# 969
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion:	107	Resp:	253531
Ion	Ratio	Lower	Upper
107	100		
108	85.4	64.6	104.6
77	31.2	13.7	53.7
79	27.3	8.5	48.5

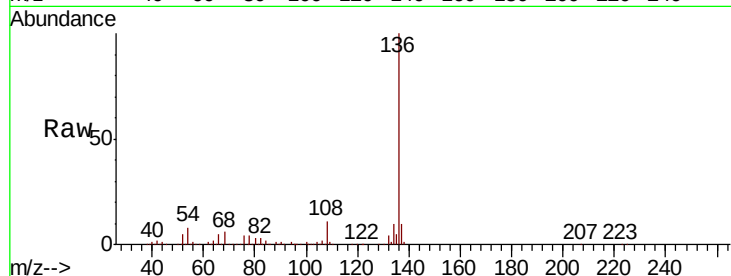




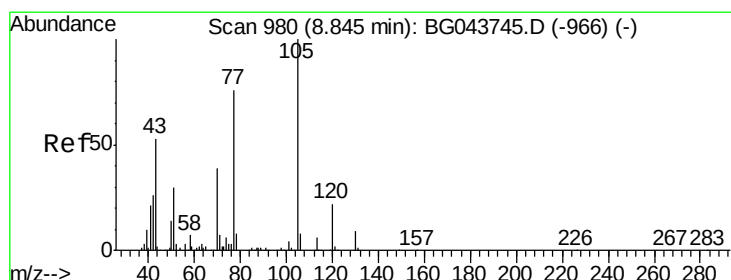
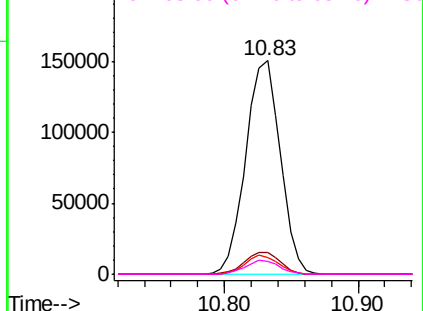
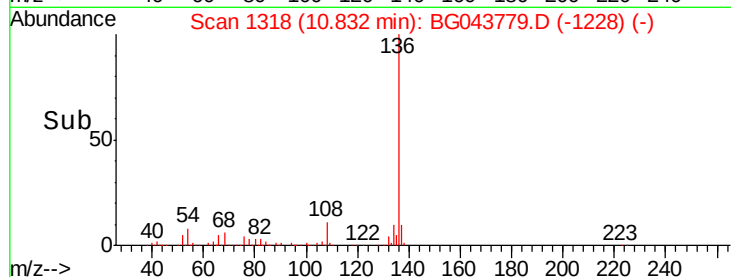
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:136	Resp:	269114
Ion	Ratio	Lower Upper
136	100	
137	10.1	8.8 13.2
54	7.9	7.5 11.3
68	6.2	4.9 7.3

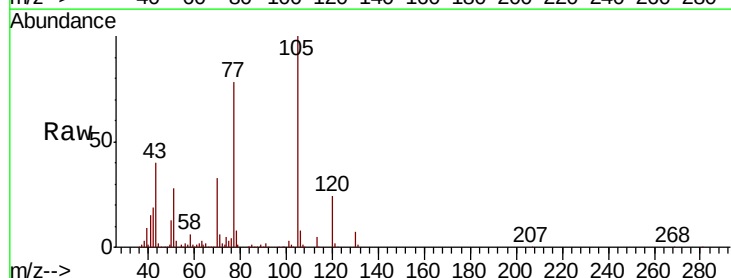


Abundance Ion 136.00 (135.70 to 136.70): E
Ion 137.00 (136.70 to 137.70): E
Ion 54.00 (53.70 to 54.70): BGC
Ion 68.00 (67.70 to 68.70): BGC

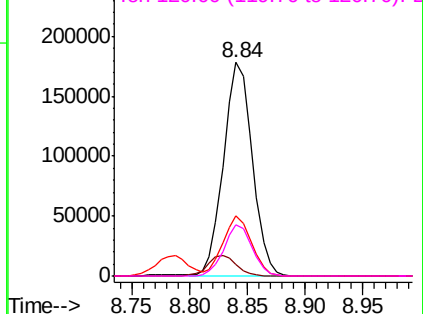
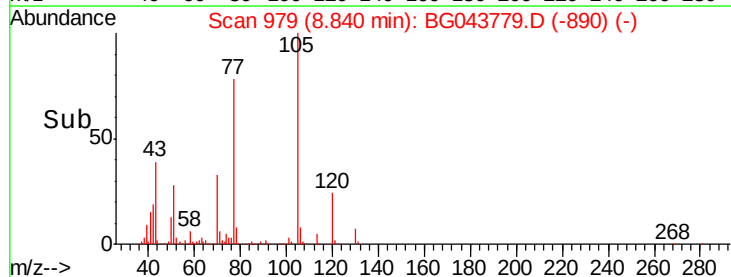


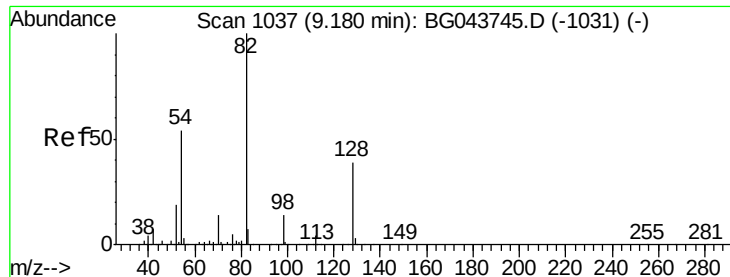
#22
Acetophenone
Concen: 43.292 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion:105	Resp:	308792
Ion	Ratio	Lower Upper
105	100	
71	5.7	6.3 9.5#
51	28.1	24.7 37.1
120	24.1	17.7 26.5



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

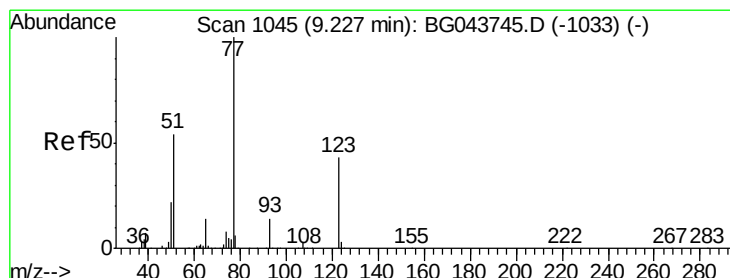
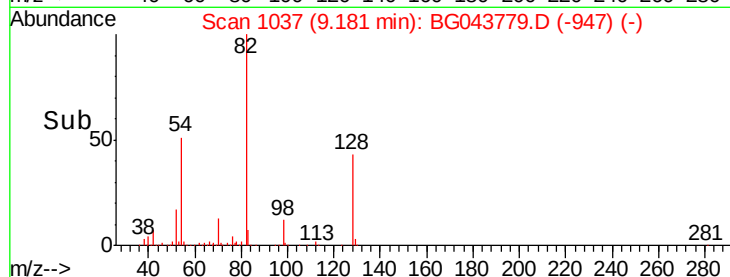
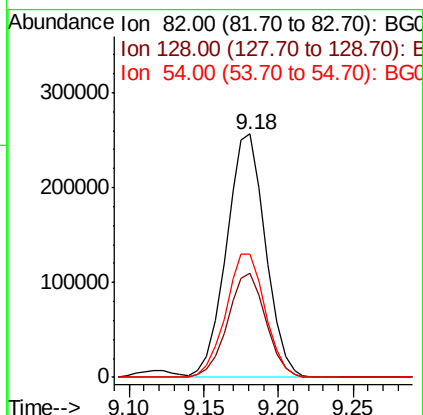
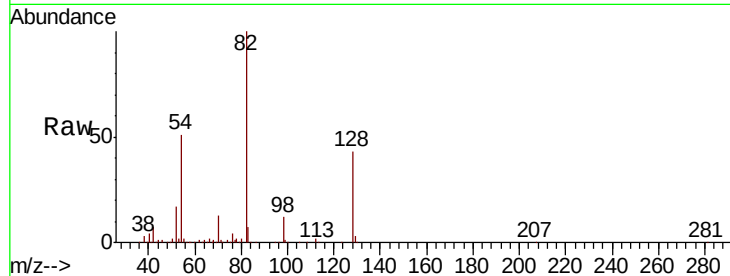




#23
 Nitrobenzene-d5
 Concen: 94.989 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. 0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

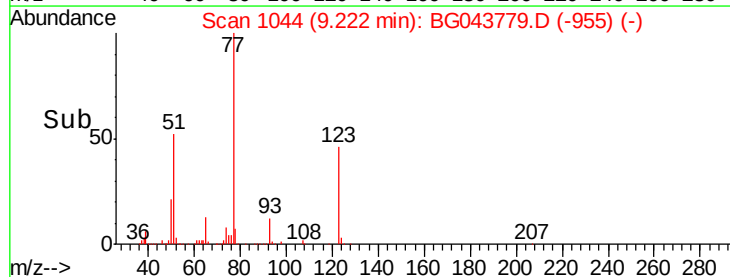
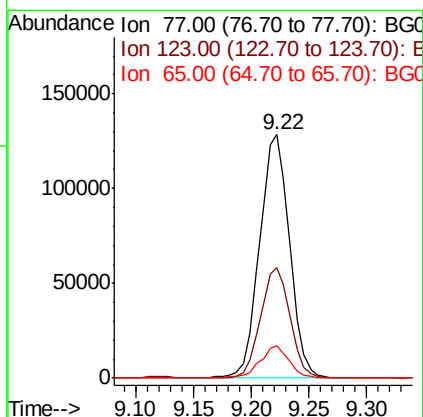
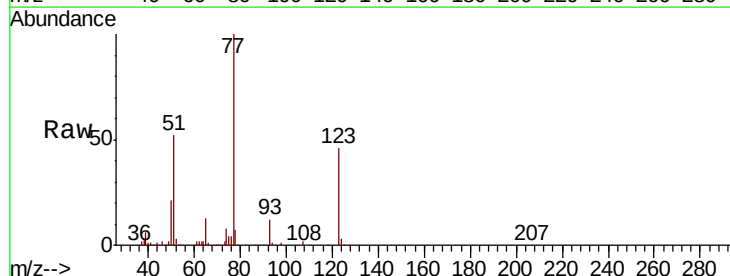
Instrument :
 BNA_F
 ClientSampleId :

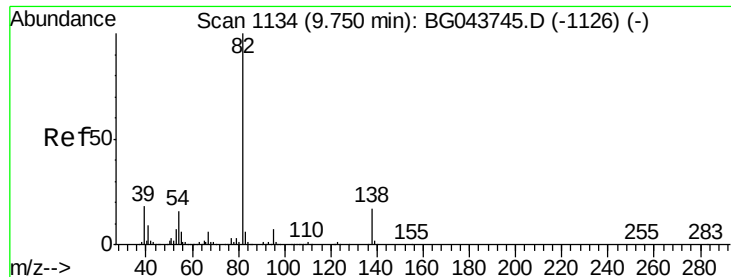
Tot Ion	Ratio	Lower	Upper
82	100		
128	42.7	31.3	46.9
54	50.5	42.7	64.1



#24
 Nitrobenzene
 Concen: 46.196 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
77	100		
123	45.5	34.7	52.1
65	13.4	11.0	16.6





#25

Isophorone

Concen: 48.654 ng

RT: 9.75 min Scan# 1133

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

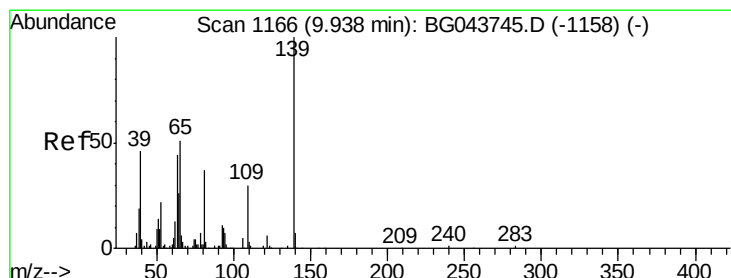
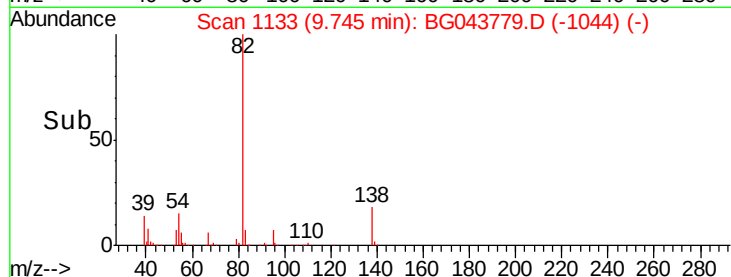
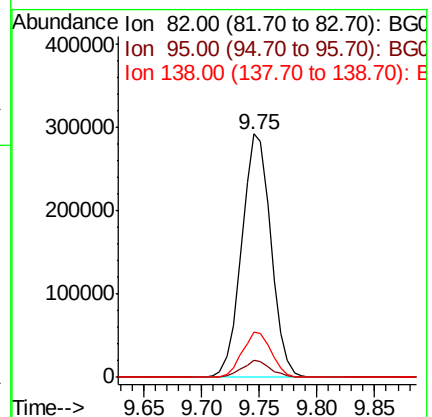
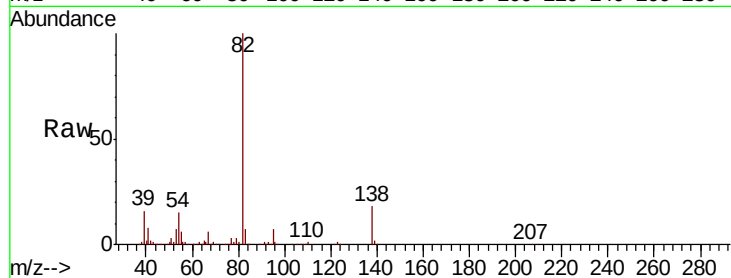
Tot Ion: 82 Resp: 510631

Ion Ratio Lower Upper

82 100

95 7.1 5.9 8.9

138 18.4 13.3 19.9



#26

2-Nitrophenol

Concen: 53.356 ng

RT: 9.93 min Scan# 1165

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

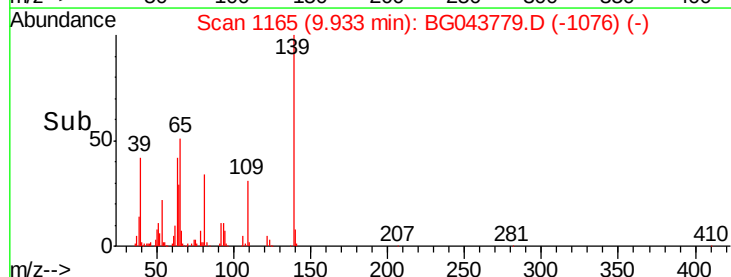
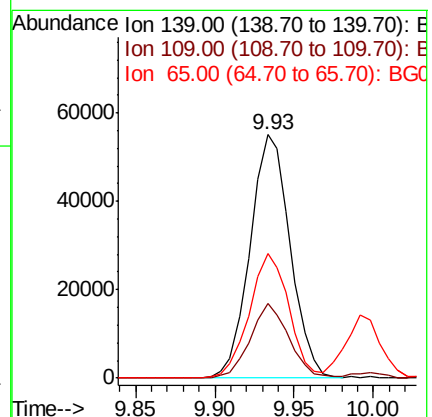
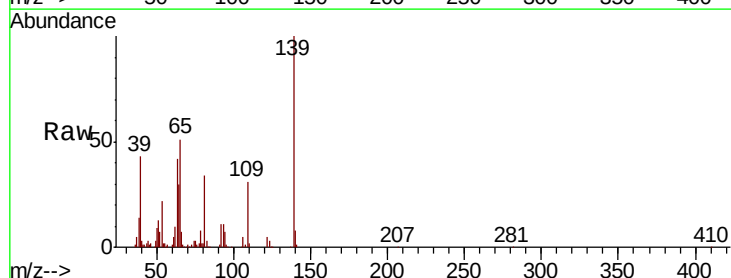
Tgt Ion: 139 Resp: 96849

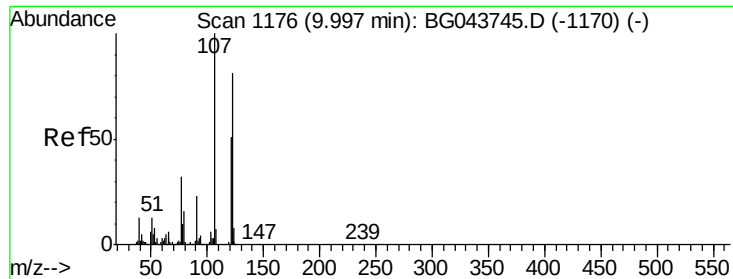
Ion Ratio Lower Upper

139 100

109 30.5 24.1 36.1

65 51.1 41.1 61.7





#27

2,4-Dimethylphenol

Concen: 61.758 ng

RT: 9.99 min Scan# 1175

Delta R.T. -0.00 min

Lab File: BG043779.D

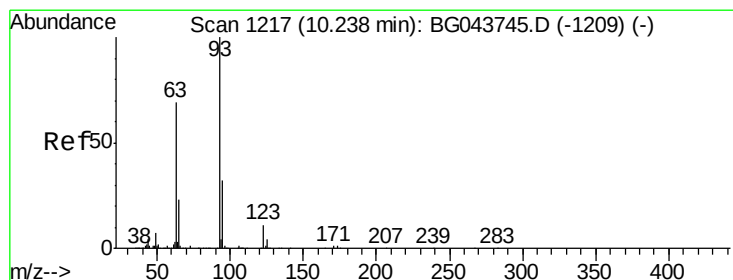
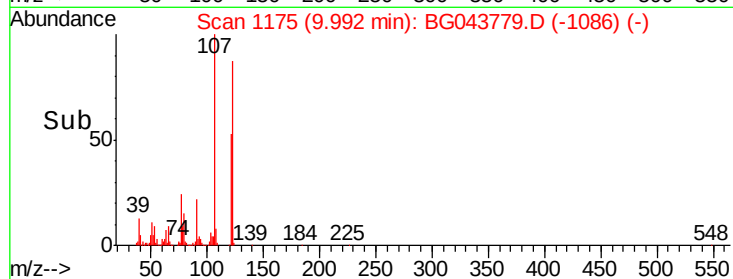
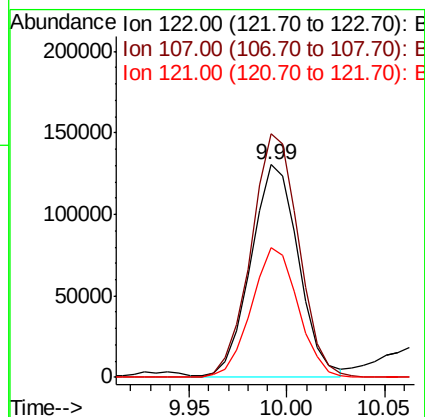
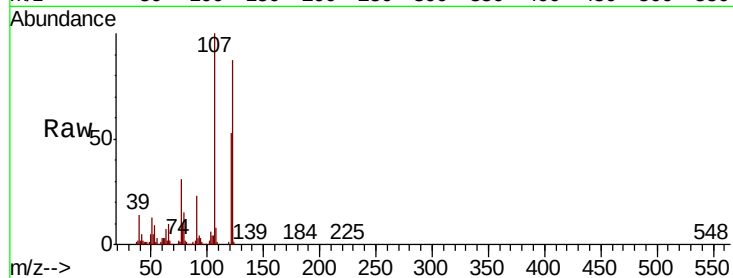
Acq: 26 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion:	122	Resp:	220117
Ion	Ratio	Lower	Upper
122	100		
107	114.5	98.5	147.7
121	60.8	49.6	74.4



#28

bis(2-Chloroethoxy)methane

Concen: 44.934 ng

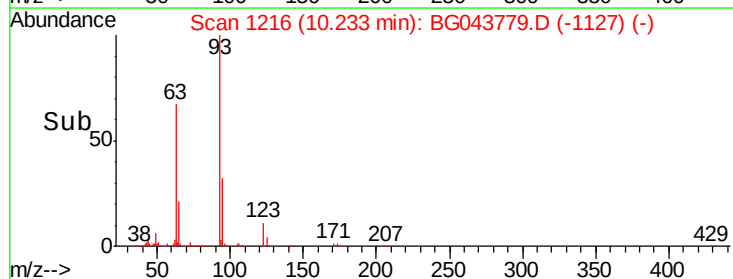
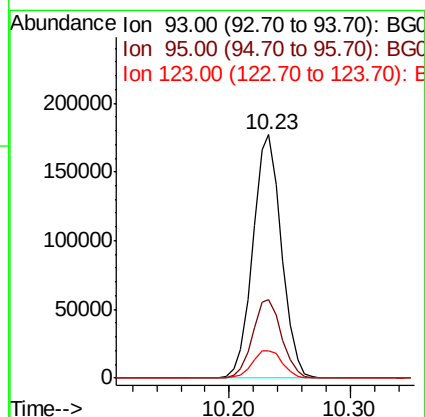
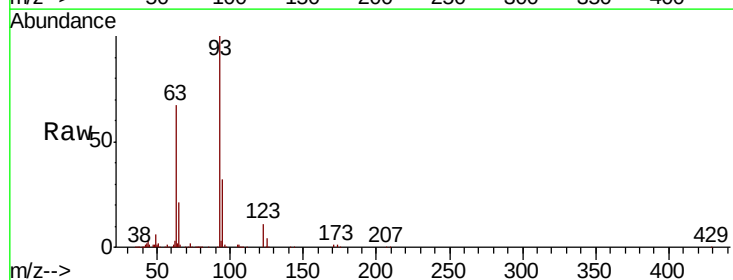
RT: 10.23 min Scan# 1216

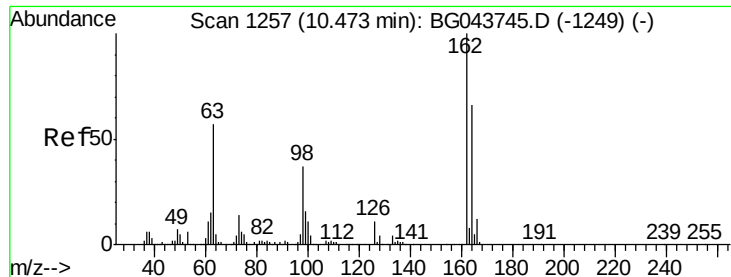
Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Tgt Ion:	93	Resp:	290654
Ion	Ratio	Lower	Upper
93	100		
95	32.5	26.0	39.0
123	11.4	8.7	13.1

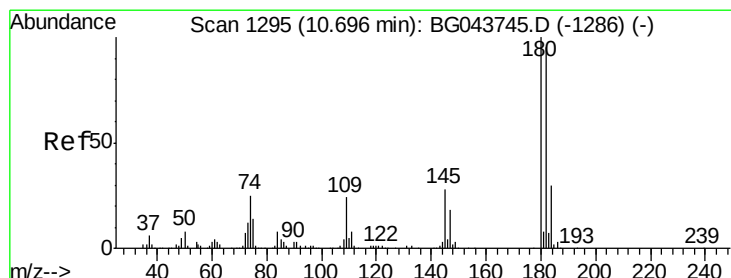
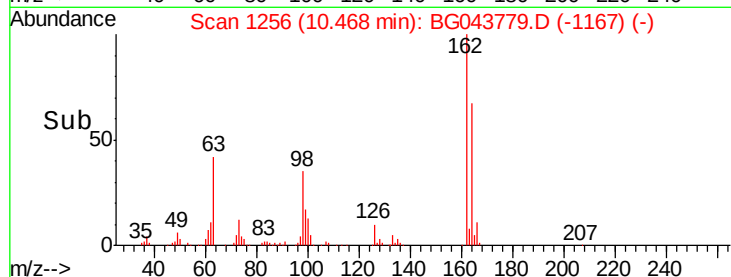
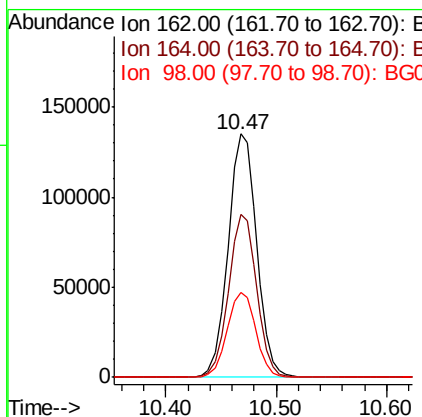
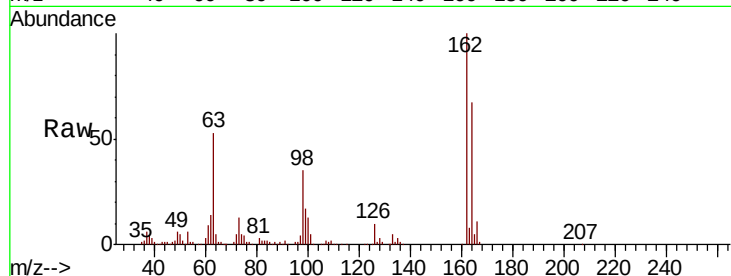




#29
 2,4-Dichlorophenol
 Concen: 56.538 ng
 RT: 10.47 min Scan# 1256
 Delta R.T. -0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

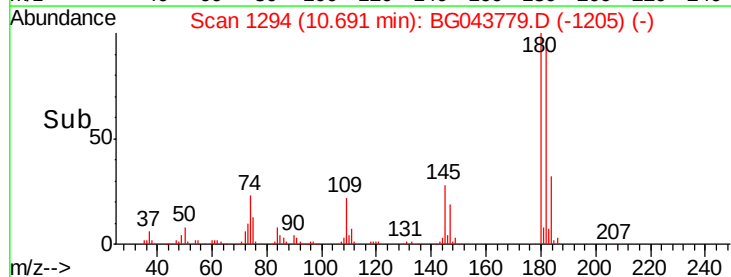
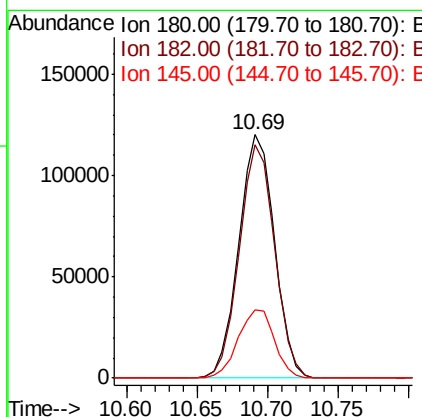
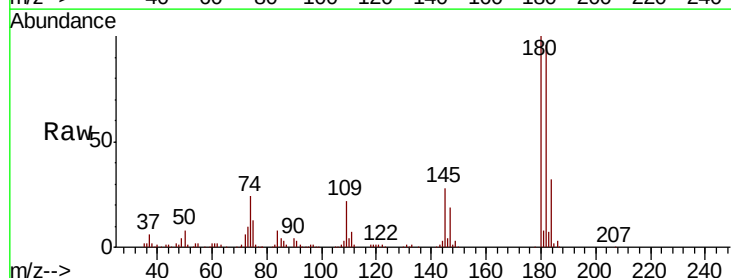
Instrument :
 BNA_F
 ClientSampleId :

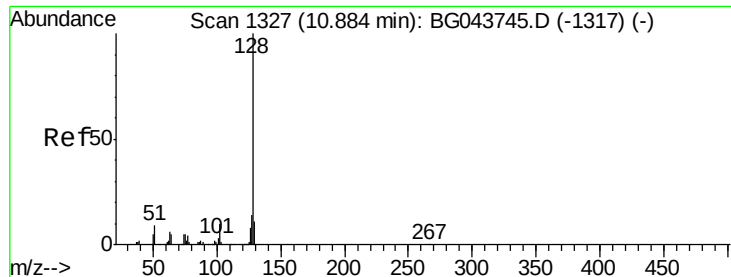
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.0	46.4	86.4
98	35.1	17.3	57.3



#30
 1,2,4-Trichlorobenzene
 Concen: 41.867 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
180	100		
182	95.9	75.8	113.6
145	28.2	22.5	33.7

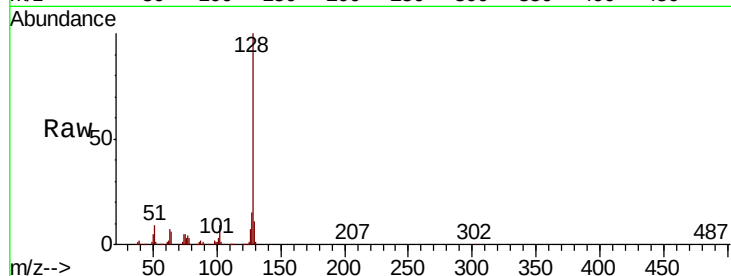




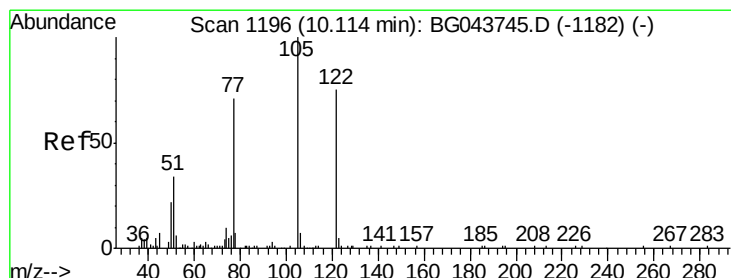
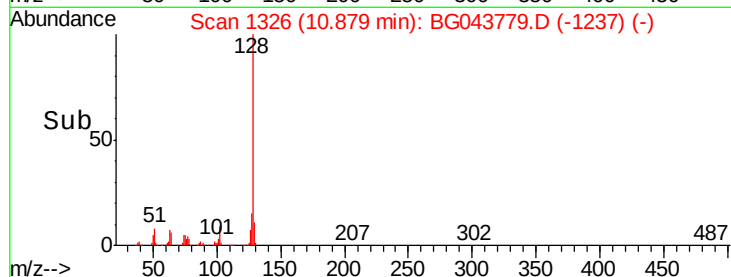
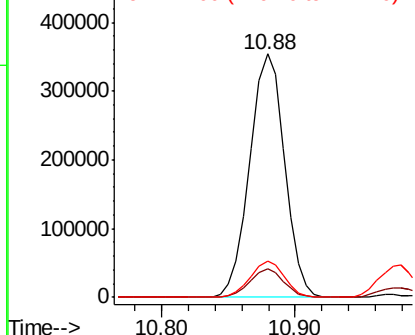
#31
Naphthalene
Concen: 47.754 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:128 Resp: 637499
Ion Ratio Lower Upper
128 100
129 11.5 9.1 13.7
127 14.7 11.4 17.0

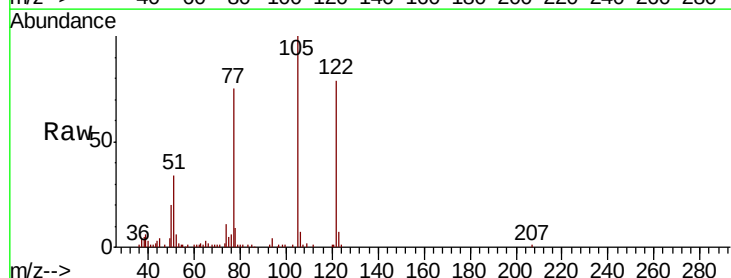


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

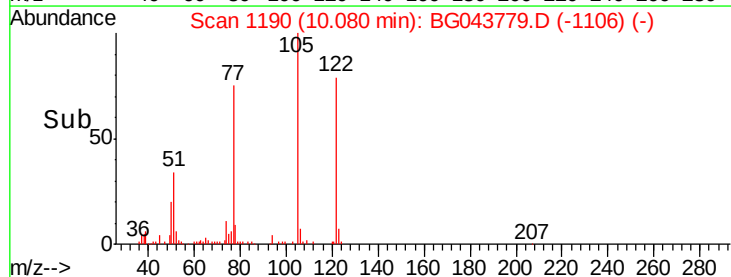
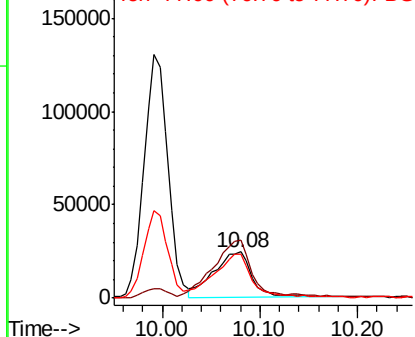


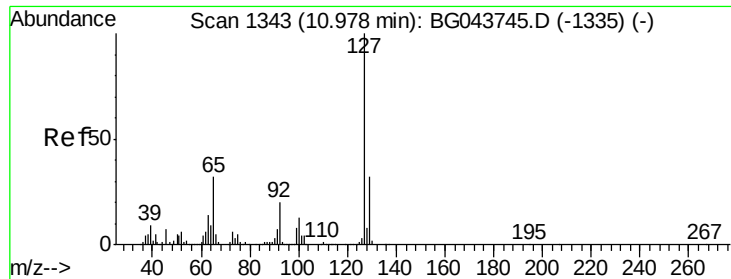
#32
Benzoic acid
Concen: 25.565 ng
RT: 10.08 min Scan# 1190
Delta R.T. -0.03 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion:122 Resp: 65708
Ion Ratio Lower Upper
122 100
105 126.0 109.3 149.3
77 94.7 76.1 116.1



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

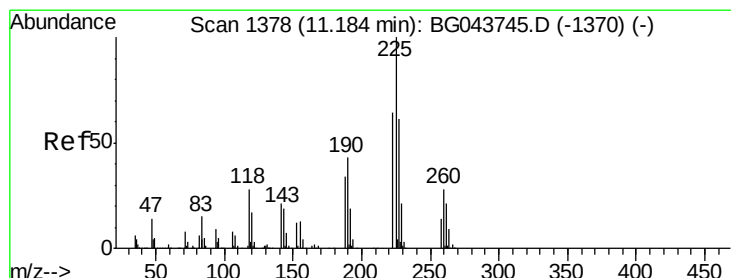
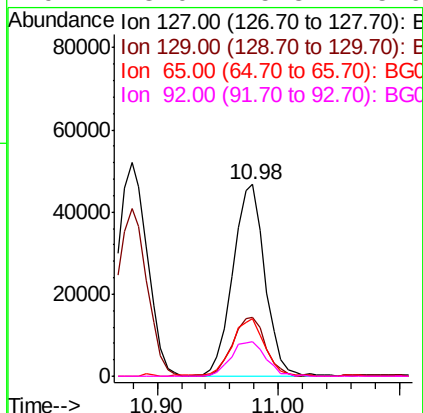
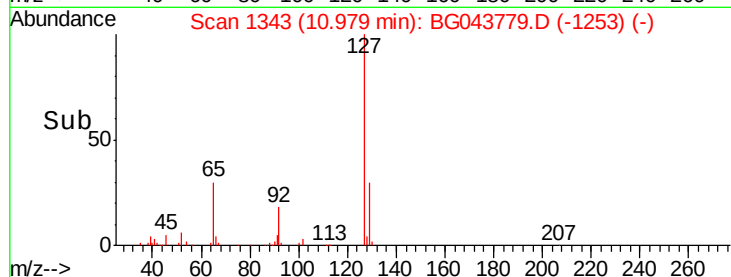
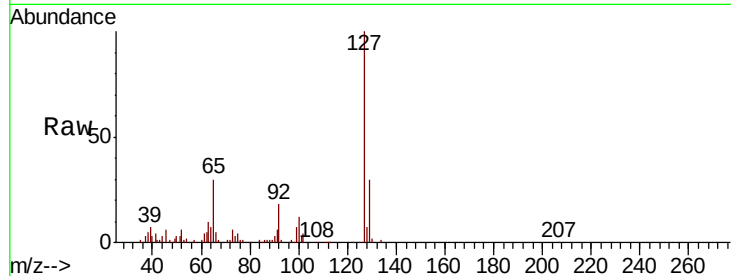




#33
4-Chloroaniline
Concen: 13.438 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

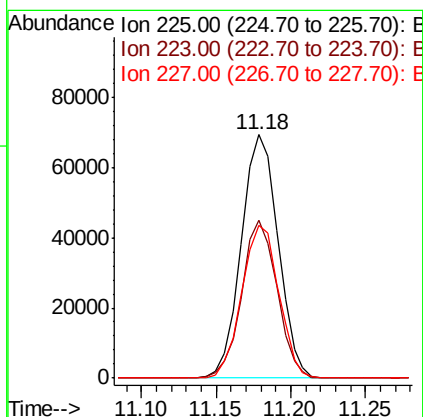
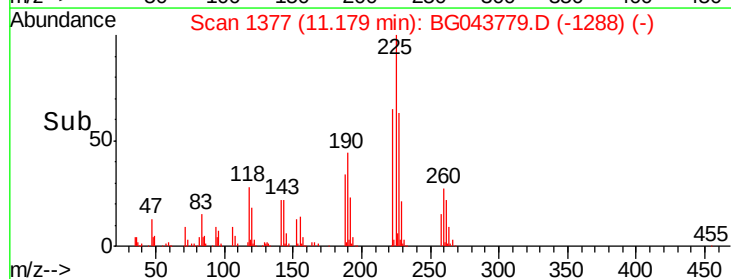
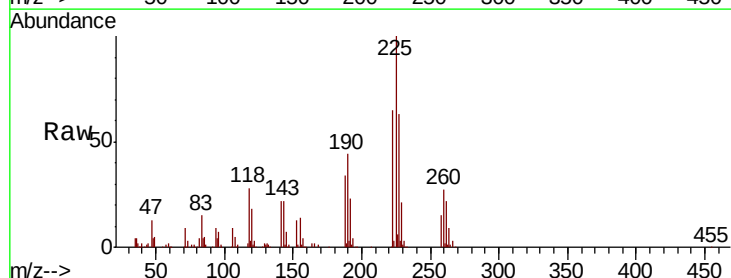
Instrument :
BNA_F
ClientSampleId :

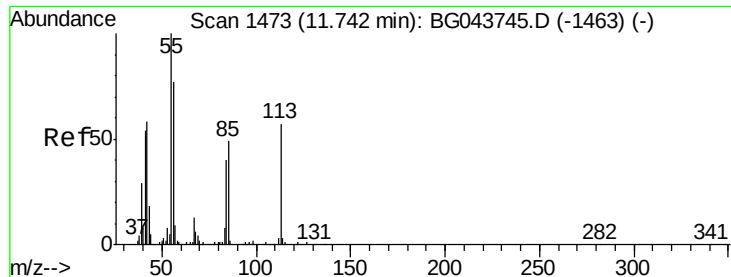
Tot Ion:127	Resp:	86433	
Ion	Ratio	Lower	Upper
127	100		
129	30.5	25.9	38.9
65	30.0	25.8	38.8
92	18.0	15.8	23.6



#34
Hexachlorobutadiene
Concen: 35.458 ng
RT: 11.18 min Scan# 1377
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt	Ion:225	Resp:	118387
Ion	Ratio	Lower	Upper
225	100		
223	64.8	51.2	76.8
227	63.0	51.0	76.4

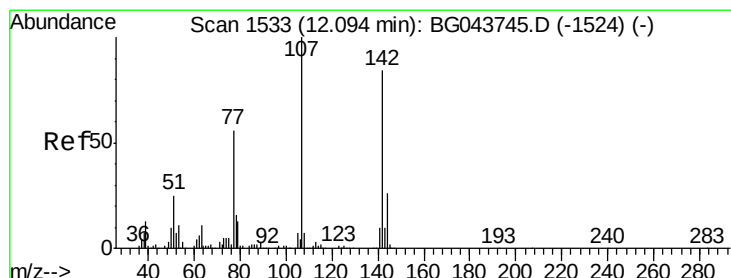
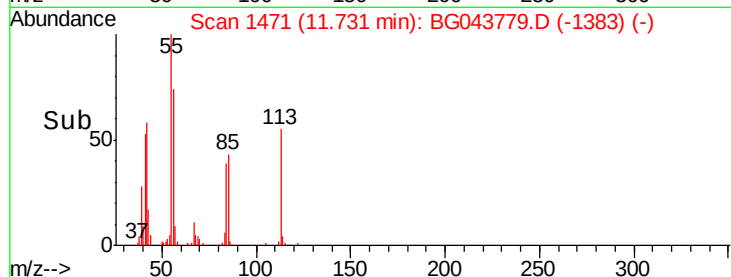
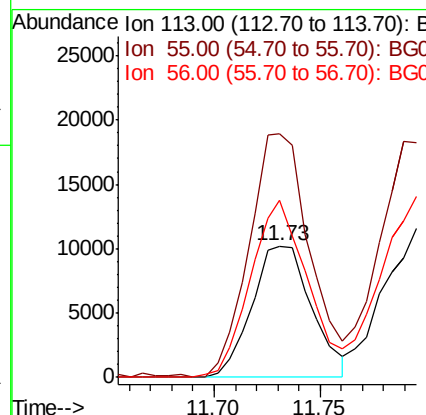
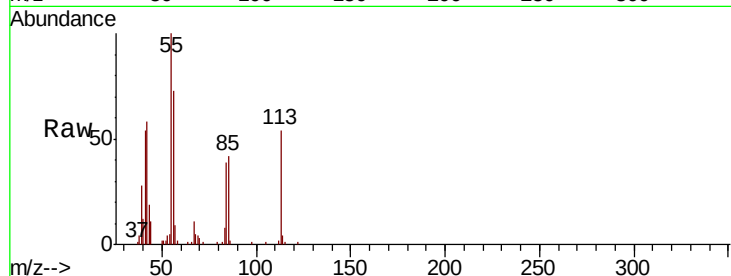




#35
 Caprolactam
 Concen: 11.389 ng
 RT: 11.73 min Scan# 1471
 Delta R.T. -0.01 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

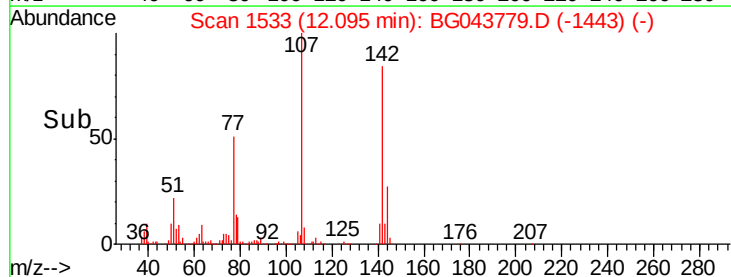
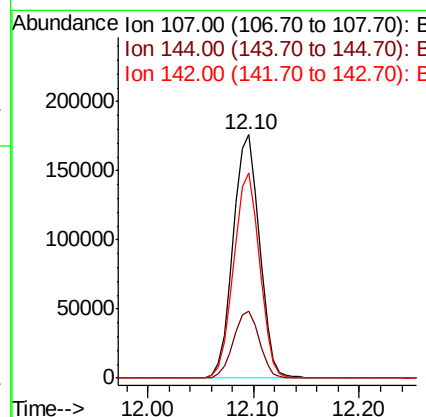
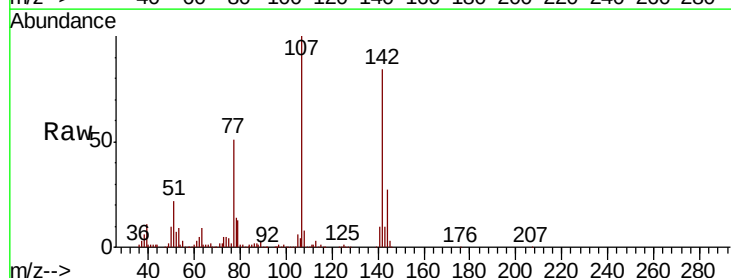
Instrument :
 BNA_F
 ClientSampleId :

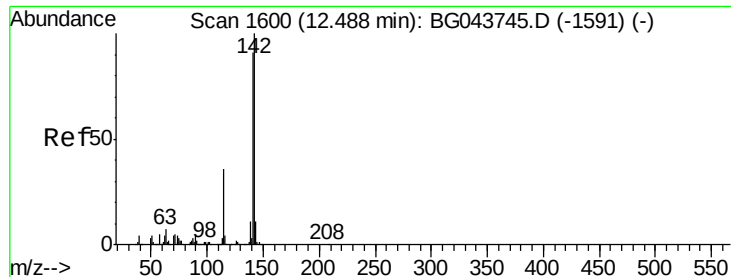
Tot Ion:113 Resp: 20066
 Ion Ratio Lower Upper
 113 100
 55 185.5 160.9 200.9
 56 135.1 116.8 156.8



#36
 4-Chloro-3-methylphenol
 Concen: 62.381 ng
 RT: 12.10 min Scan# 1533
 Delta R.T. 0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

Tgt Ion:107 Resp: 303757
 Ion Ratio Lower Upper
 107 100
 144 27.4 21.0 31.4
 142 84.5 67.0 100.4

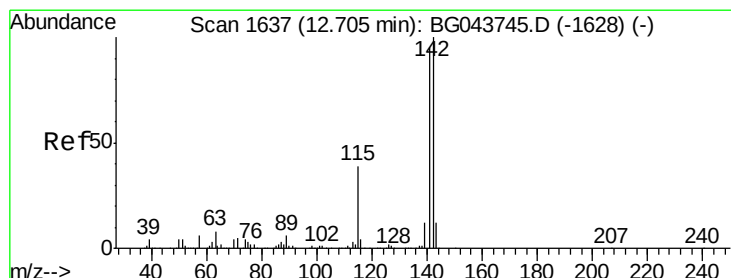
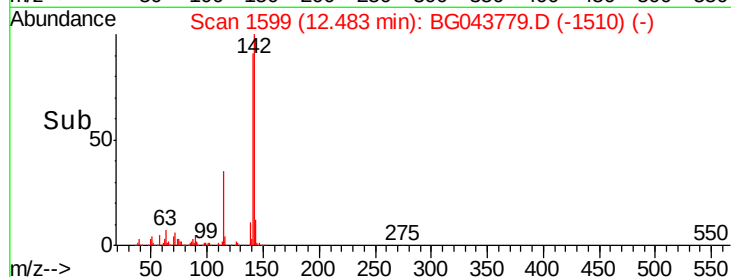
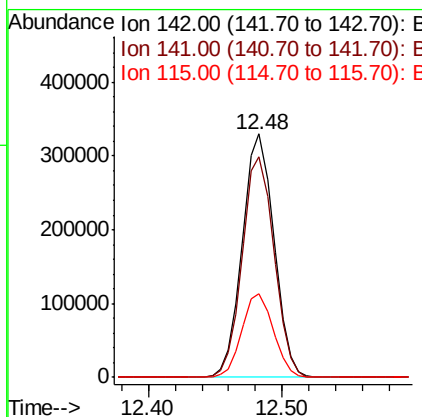
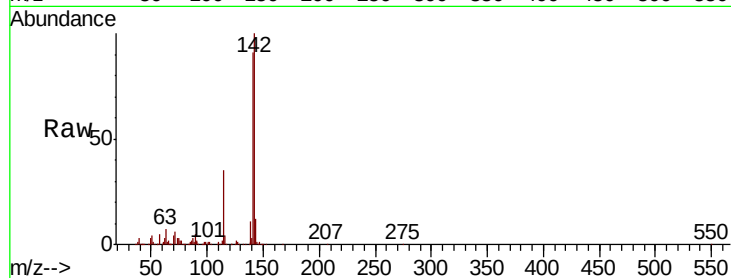




#37
 2-Methylnaphthalene
 Concen: 53.691 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

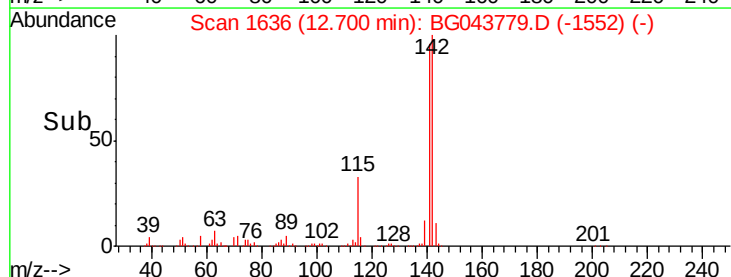
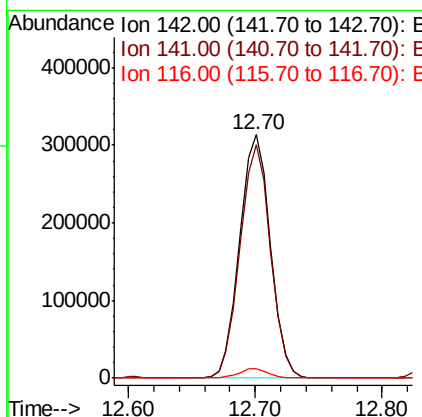
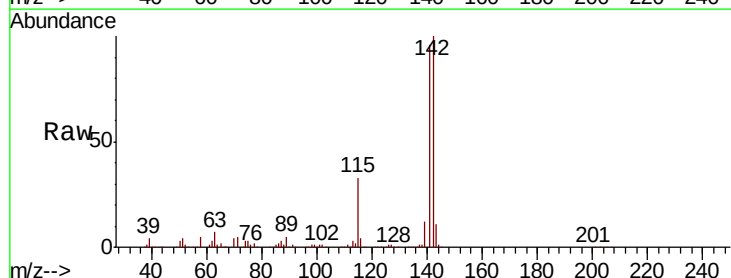
Instrument :
 BNA_F
 ClientSampleId :

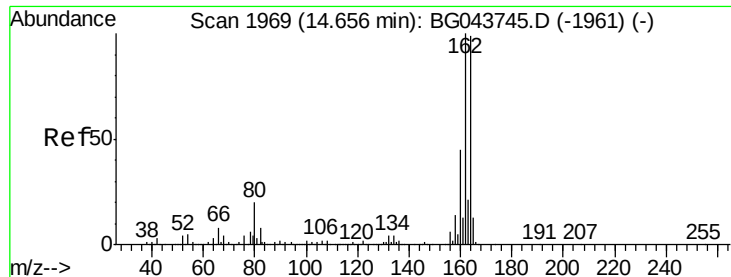
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.7	72.8	109.2
115	34.6	28.9	43.3



#38
 1-Methylnaphthalene
 Concen: 55.017 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
142	100		
141	95.9	75.8	113.8
116	3.7	3.4	5.0





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.65 min Scan# 1968

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

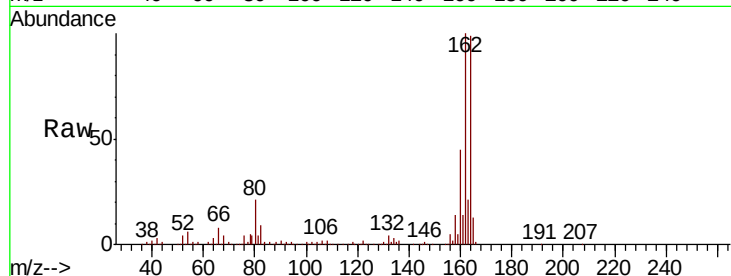
Tot Ion:164 Resp: 248761

Ion Ratio Lower Upper

164 100

162 100.8 80.6 121.0

160 45.5 36.3 54.5

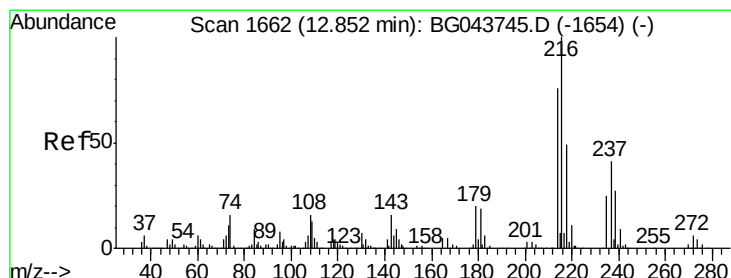
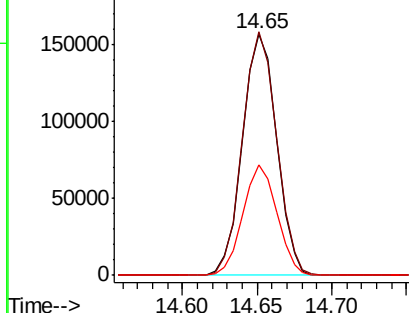
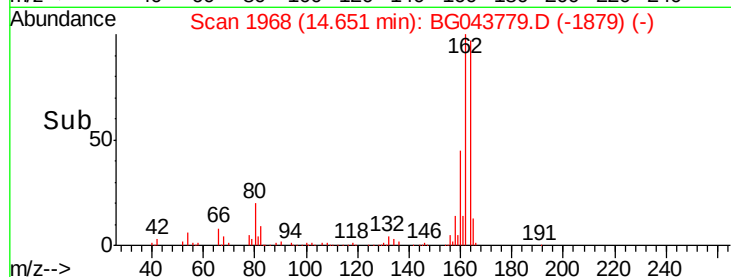


Abundance

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: 36.346 ng

RT: 12.85 min Scan# 1661

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Tgt Ion:216 Resp: 287694

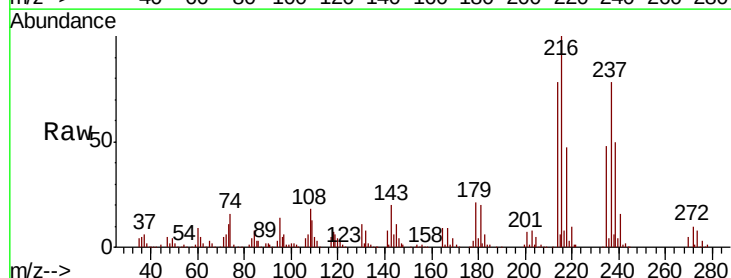
Ion Ratio Lower Upper

216 100

214 77.9 62.0 93.0

179 20.9 16.3 24.5

108 18.0 13.0 19.6



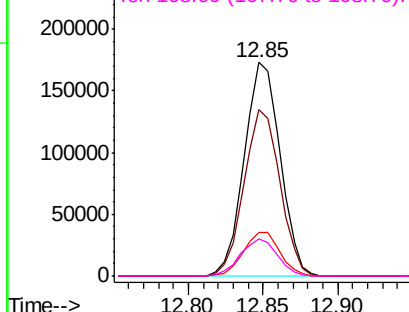
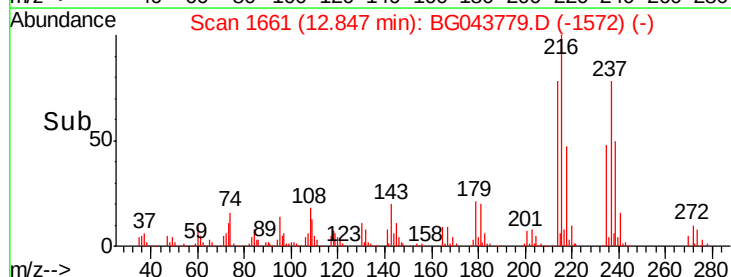
Abundance

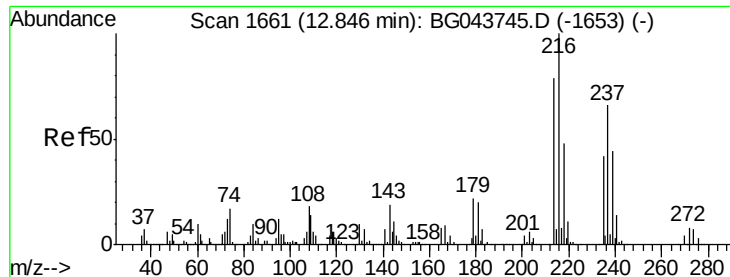
Ion 216.00 (215.70 to 216.70): E

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

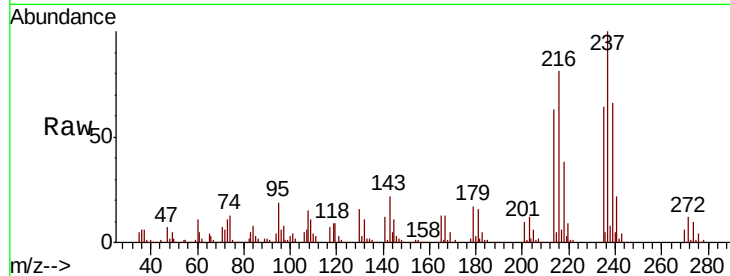




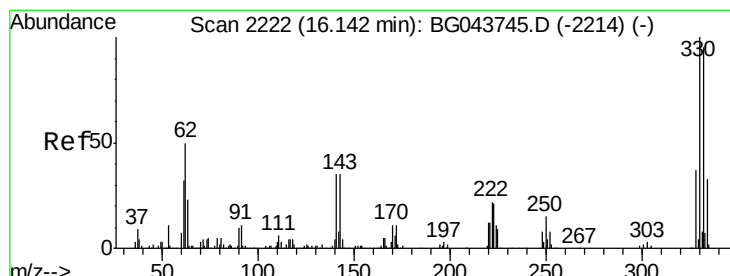
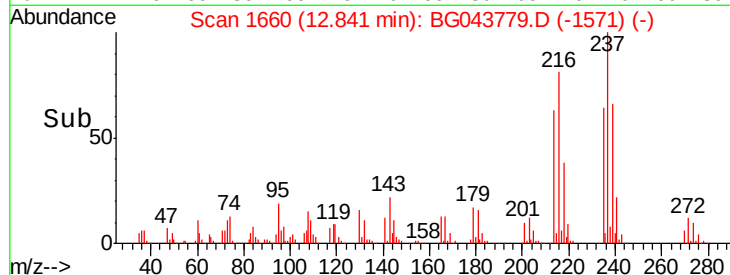
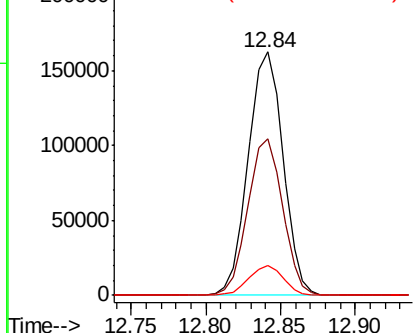
#41
Hexachlorocyclopentadiene
Concen: 61.391 ng
RT: 12.84 min Scan# 1660
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:237 Resp: 262542
Ion Ratio Lower Upper
237 100
235 64.1 43.8 83.8
272 12.5 0.0 31.8

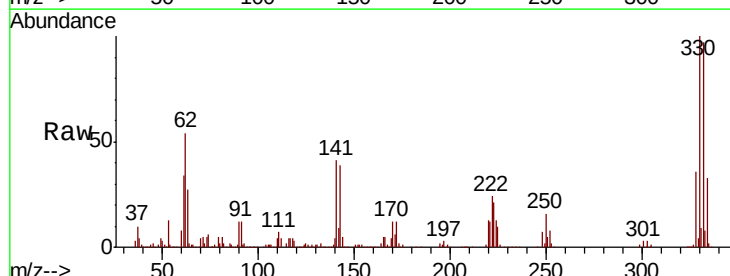


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

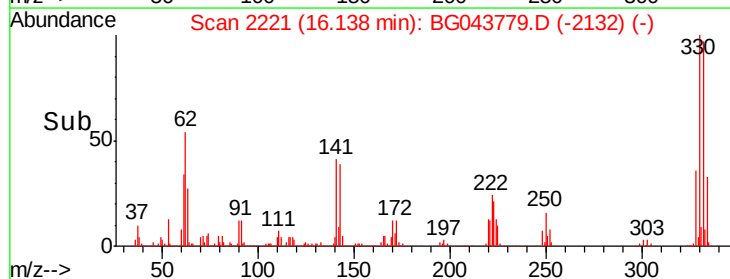
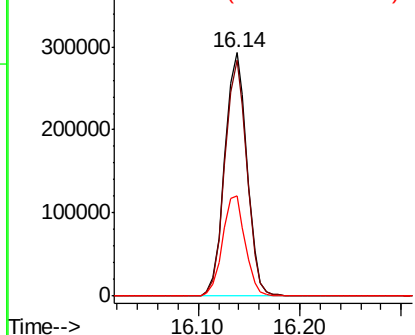


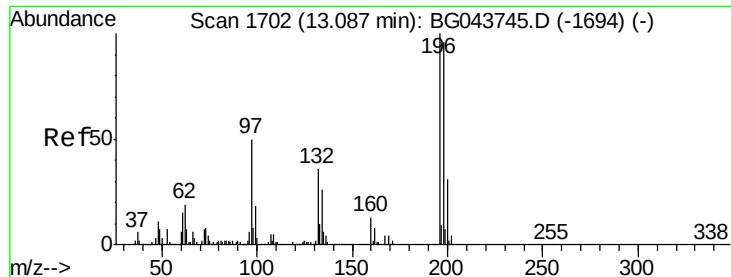
#42
2,4,6-Tribromophenol
Concen: 149.252 ng
RT: 16.14 min Scan# 2221
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion:330 Resp: 447821
Ion Ratio Lower Upper
330 100
332 96.2 77.3 115.9
141 42.0 31.4 47.2



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

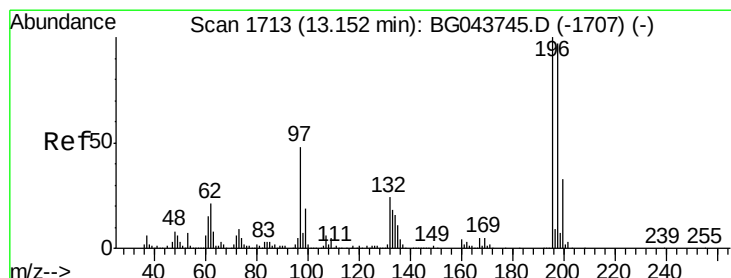
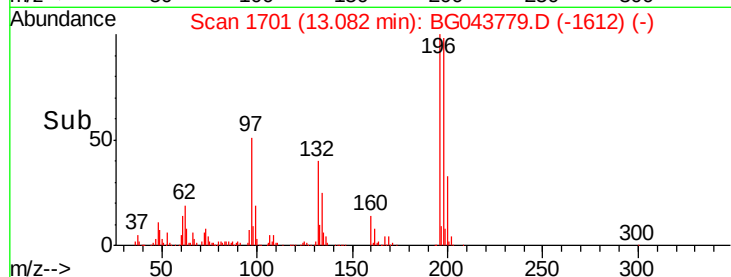
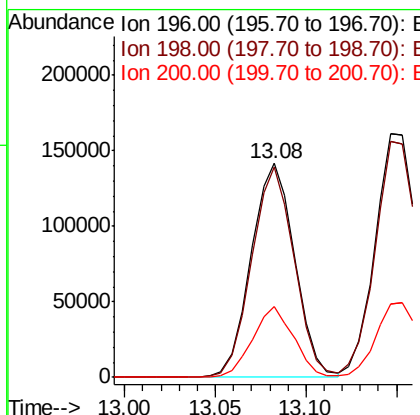
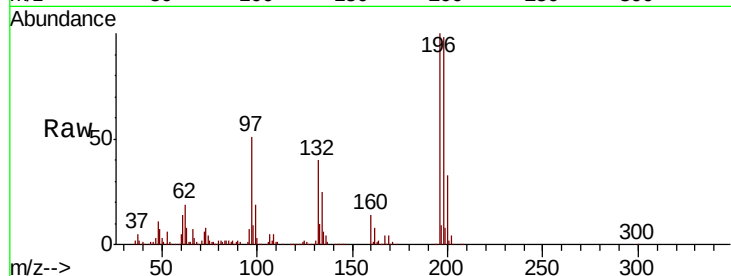




#43
 2,4,6-Trichlorophenol
 Concen: 46.362 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

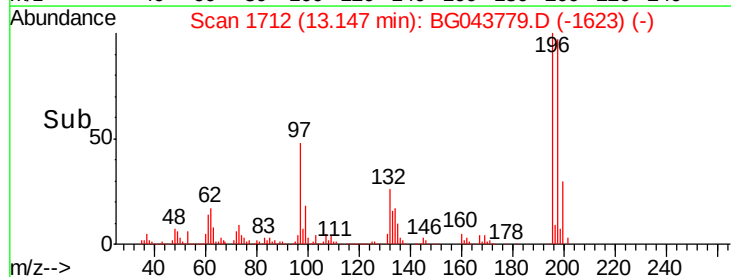
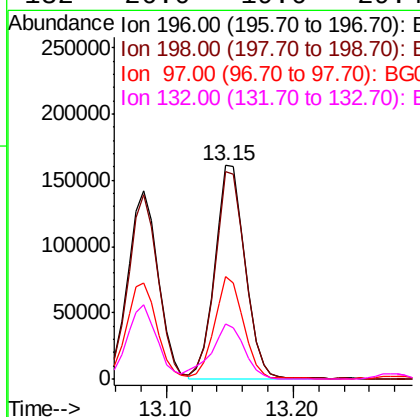
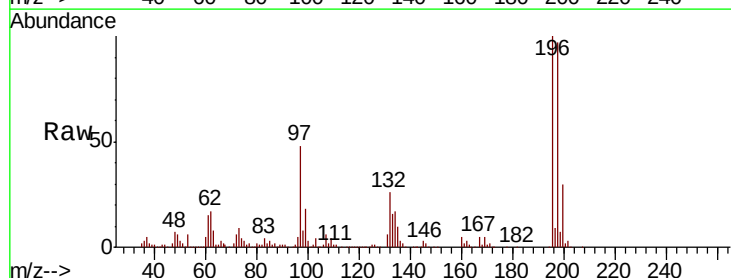
Instrument :
 BNA_F
 ClientSampleId :

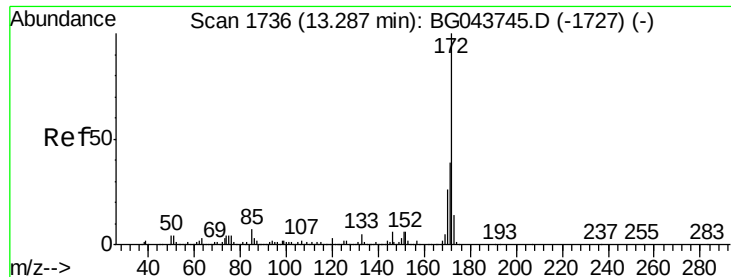
Tot Ion	Ratio	Lower	Upper
196	100		
198	98.5	76.5	114.7
200	33.2	24.6	36.8



#44
 2,4,5-Trichlorophenol
 Concen: 50.415 ng
 RT: 13.15 min Scan# 1712
 Delta R.T. -0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
196	100		
198	97.0	78.2	117.2
97	47.8	39.1	58.7
132	26.0	19.6	29.4

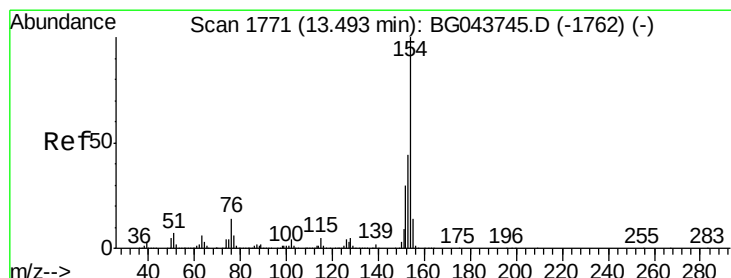
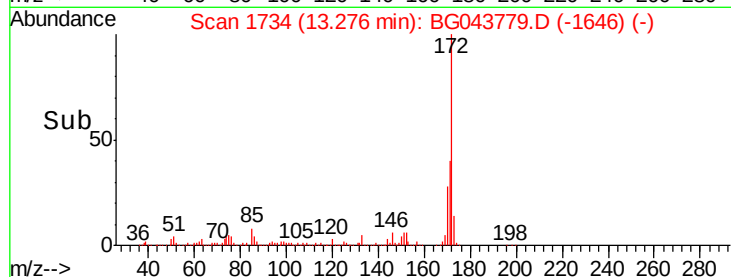
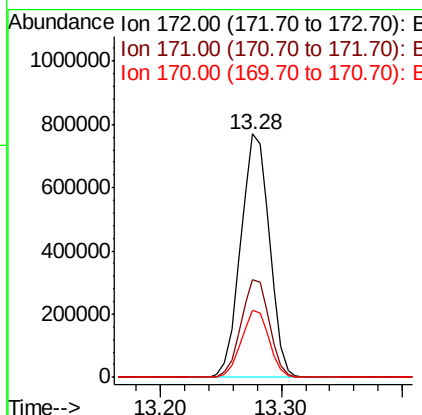
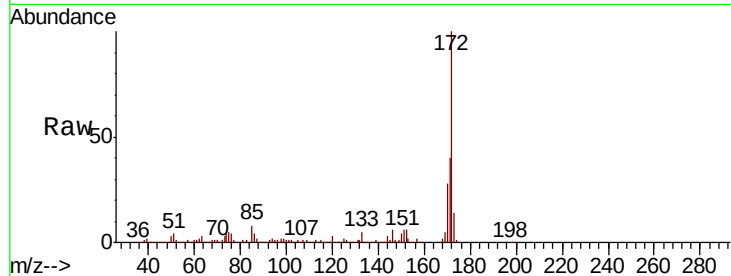




#45
2-Fluorobiphenyl
Concen: 84.338 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.01 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

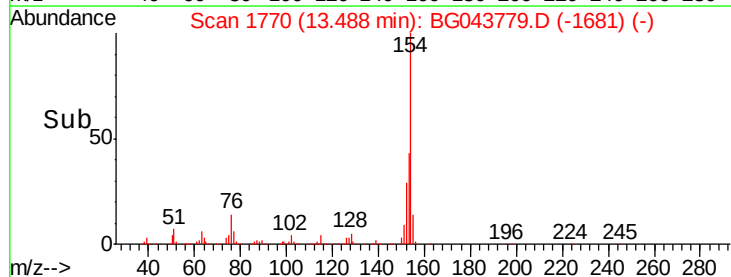
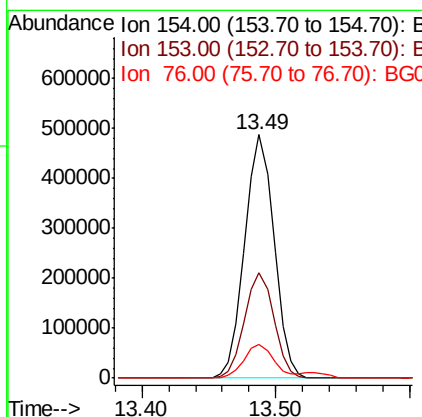
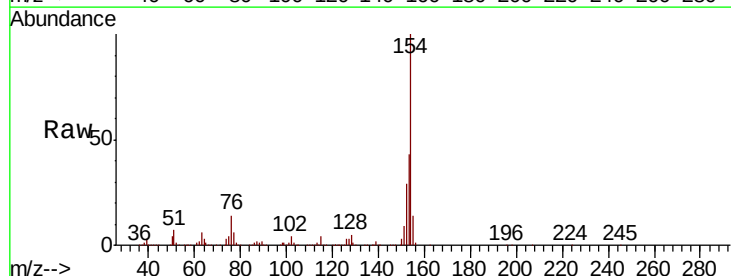
Instrument :
BNA_F
ClientSampleId :

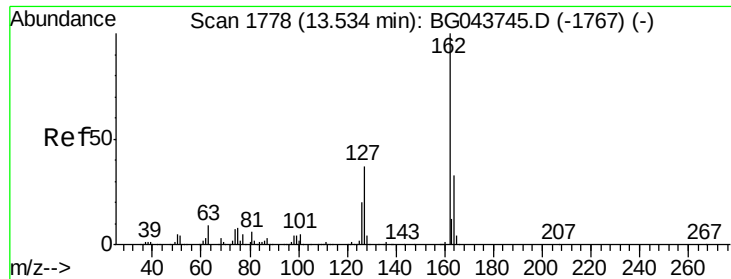
Tot Ion:172 Resp: 1276316
Ion Ratio Lower Upper
172 100
171 39.9 31.0 46.6
170 27.7 21.0 31.4



#46
1,1'-Biphenyl
Concen: 42.974 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion:154 Resp: 741011
Ion Ratio Lower Upper
154 100
153 43.2 23.5 63.5
76 13.9 0.0 33.6

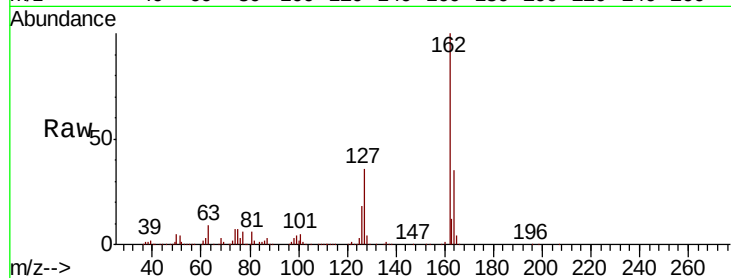




#47
2-Chloronaphthalene
Concen: 42.276 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.6	30.0	45.0
164	34.6	26.4	39.6

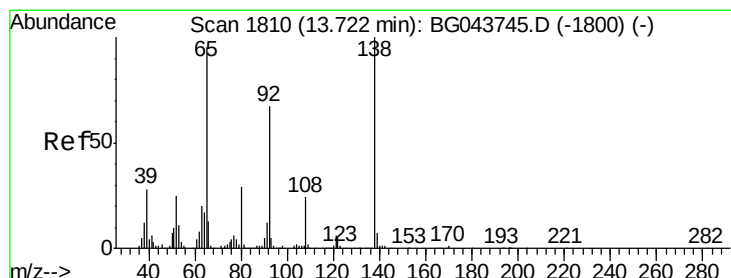
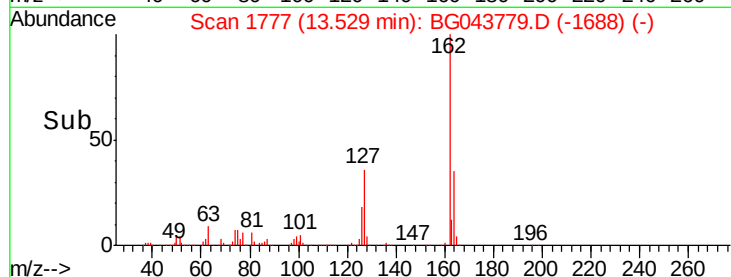
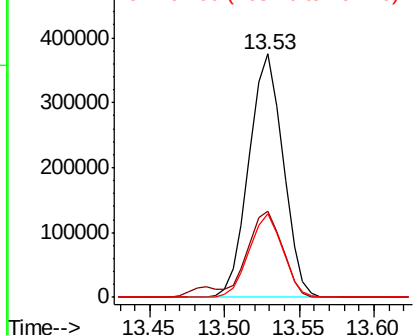


Abundance

Ion 162.00 (161.70 to 162.70): E

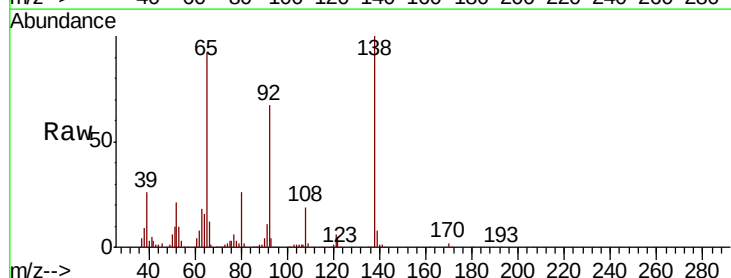
Ion 127.00 (126.70 to 127.70): E

Ion 164.00 (163.70 to 164.70): E



#48
2-Nitroaniline
Concen: 52.047 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
65	100		
92	72.3	56.1	84.1
138	108.1	84.2	126.4

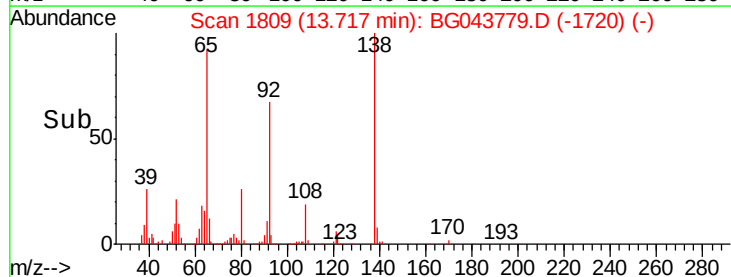
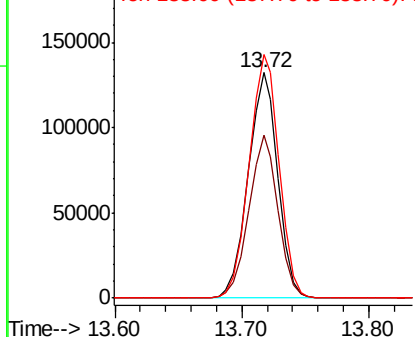


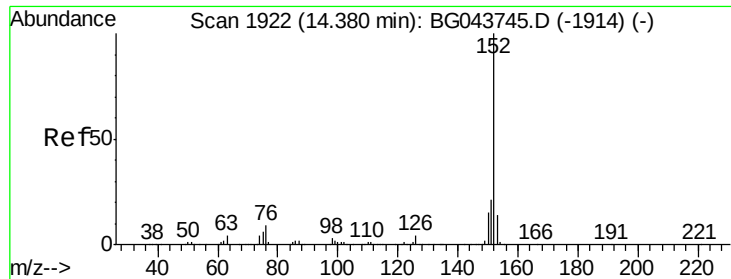
Abundance

Ion 65.00 (64.70 to 65.70): BGC

Ion 92.00 (91.70 to 92.70): BGC

Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 46.474 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

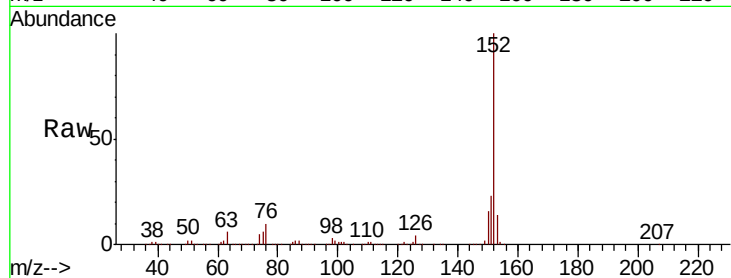
Tot Ion:152 Resp: 1028169

Ion Ratio Lower Upper

152 100

151 22.8 17.0 25.6

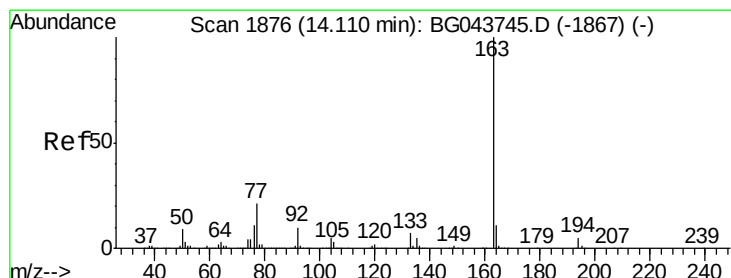
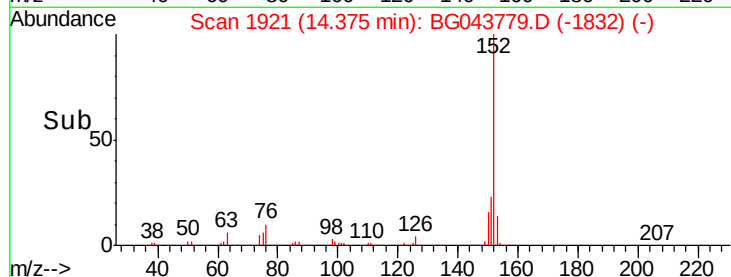
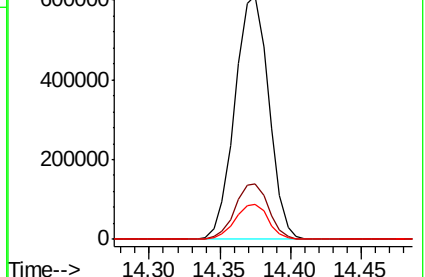
153 14.3 10.8 16.2



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: 45.186 ng

RT: 14.10 min Scan# 1875

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

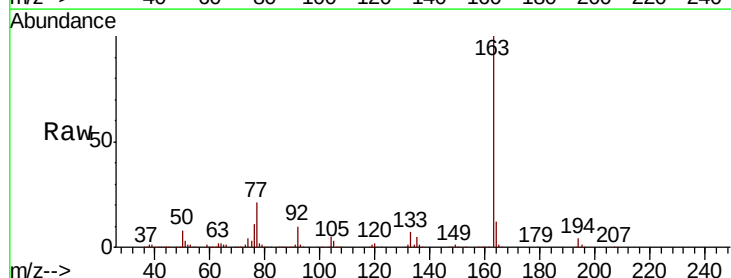
Tgt Ion:163 Resp: 890434

Ion Ratio Lower Upper

163 100

194 4.4 3.7 5.5

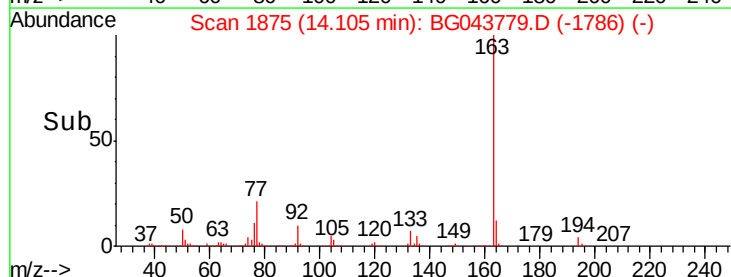
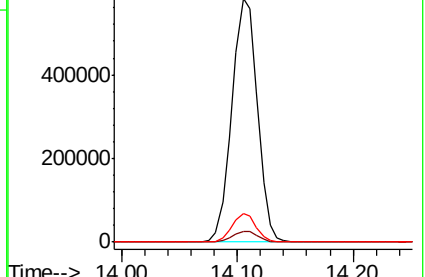
164 11.6 8.7 13.1

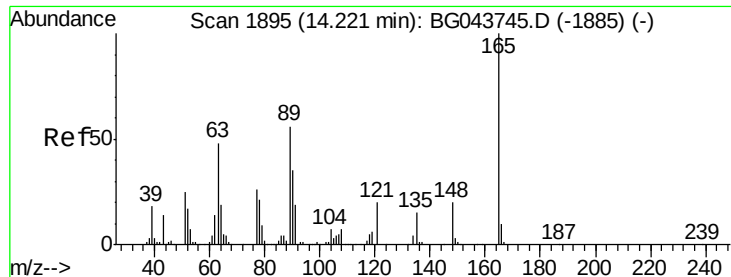


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

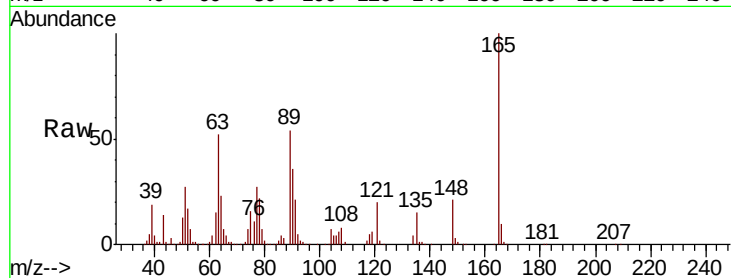




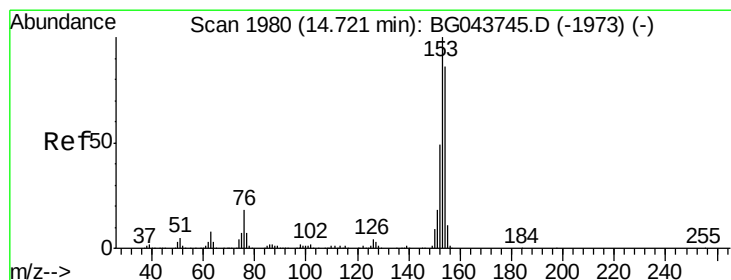
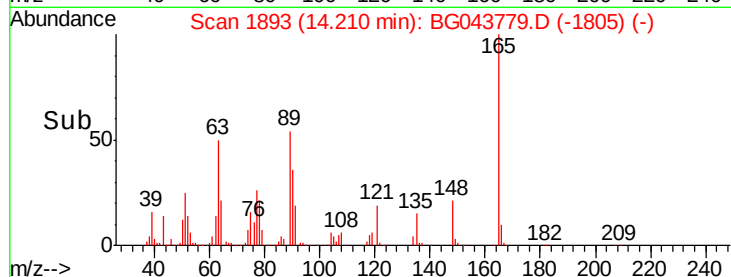
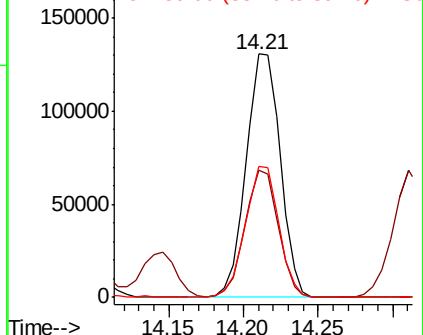
#51
 2,6-Dinitrotoluene
 Concen: 56.391 ng
 RT: 14.21 min Scan# 1893
 Delta R.T. -0.01 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion	Ratio	Lower	Upper
165	100		
63	52.3	43.4	65.2
89	54.0	44.6	67.0

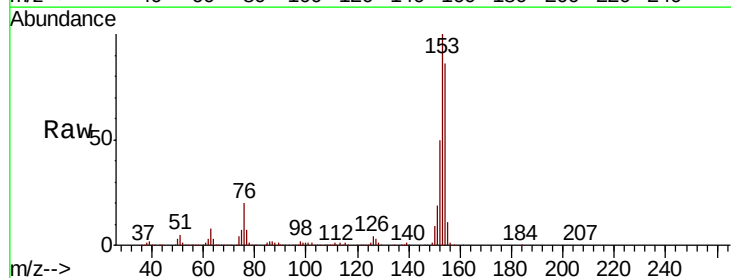


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

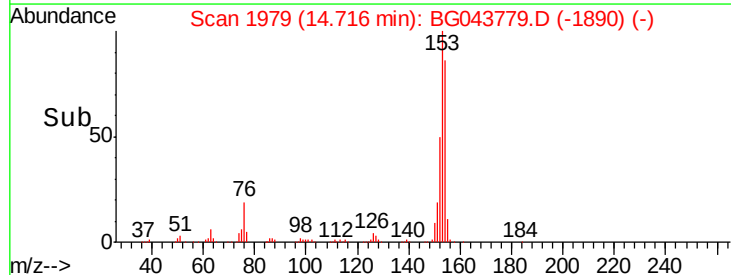
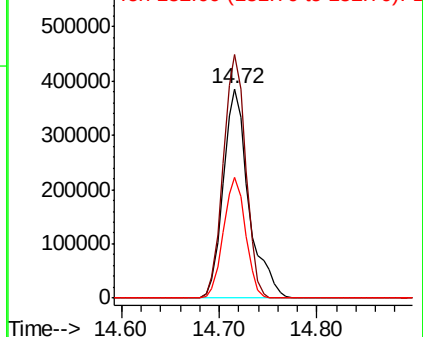


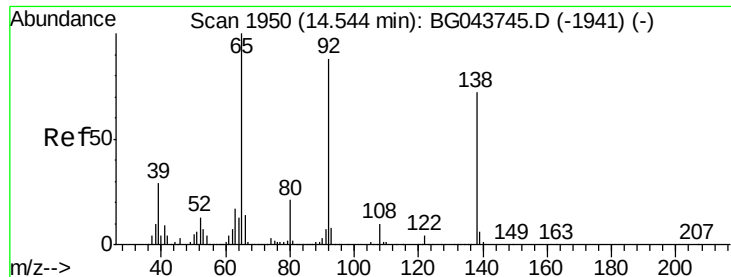
#52
 Acenaphthene
 Concen: 49.430 ng
 RT: 14.72 min Scan# 1979
 Delta R.T. -0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
154	100		
153	116.2	92.9	139.3
152	57.6	45.2	67.8



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: 18.794 ng

RT: 14.54 min Scan# 1949

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

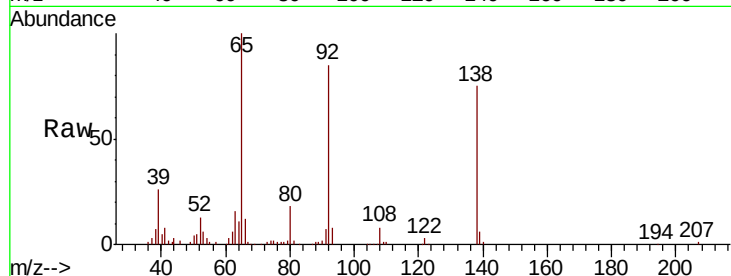
Tot Ion:138 Resp: 80334

Ion Ratio Lower Upper

138 100

108 10.3 11.7 17.5#

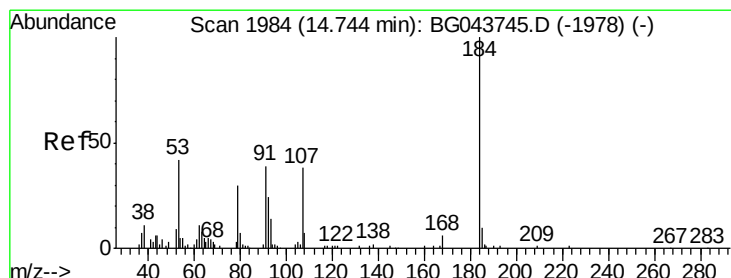
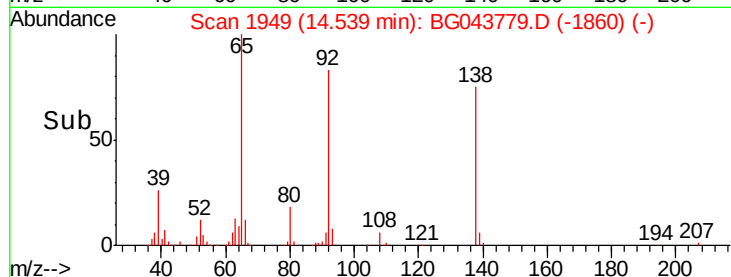
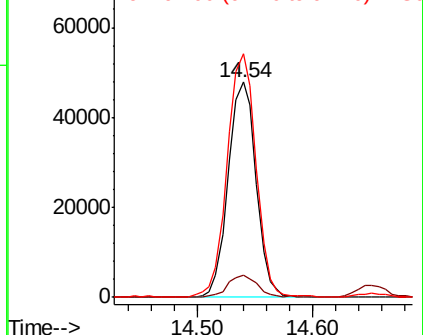
92 113.1 97.2 145.8



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: 109.455 ng

RT: 14.75 min Scan# 1984

Delta R.T. 0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

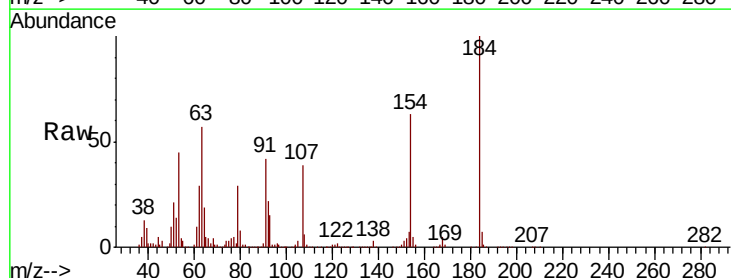
Tgt Ion:184 Resp: 163653

Ion Ratio Lower Upper

184 100

63 57.5 52.4 78.6

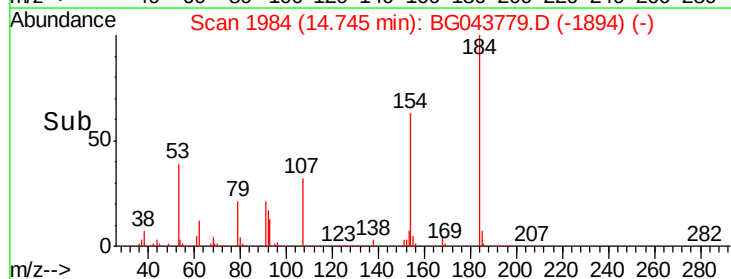
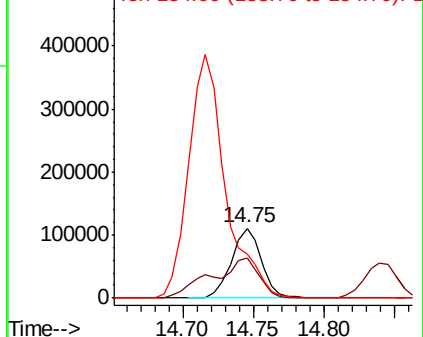
154 63.3 92.8 139.2#

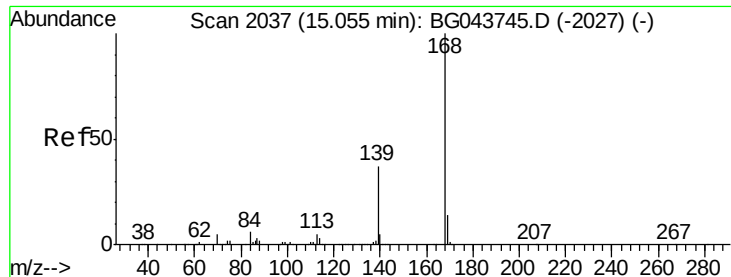


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

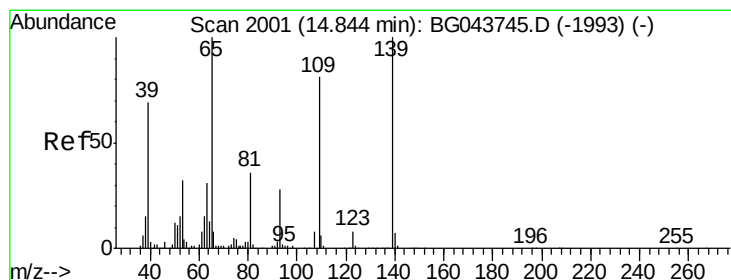
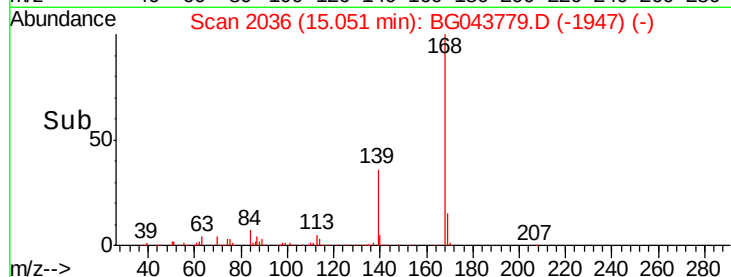
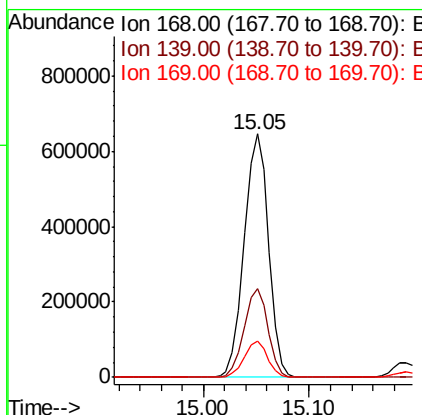
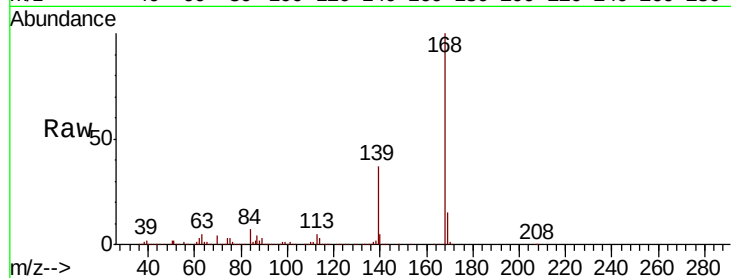




#55
Dibenzenofuran
Concen: 46.768 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

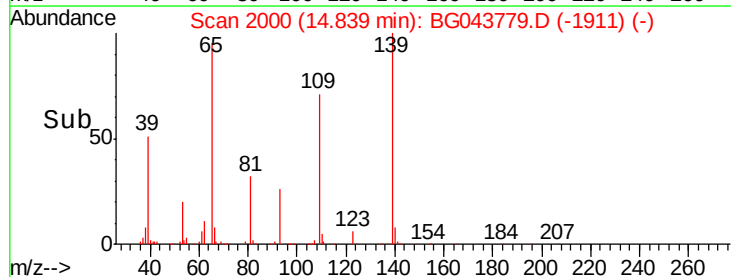
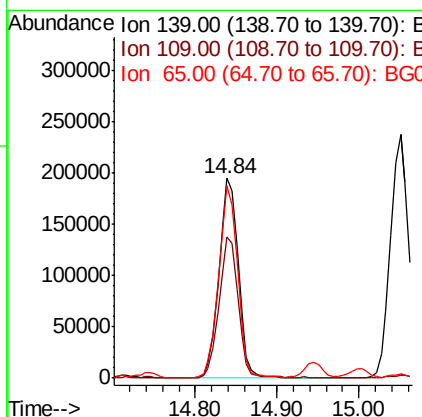
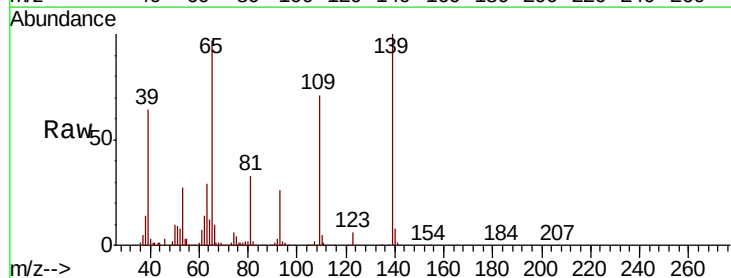
Instrument :
BNA_F
ClientSampleId :

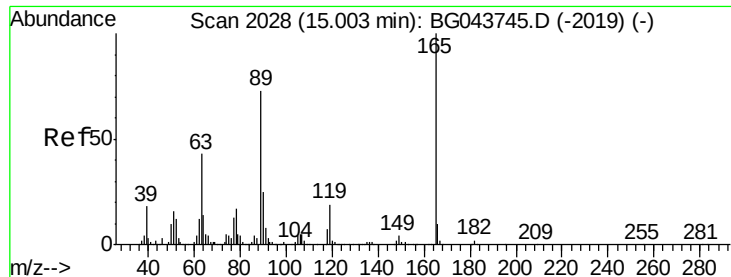
Tot Ion:168 Resp: 1030824
Ion Ratio Lower Upper
168 100
139 36.7 29.4 44.2
169 14.7 11.3 16.9



#56
4-Nitrophenol
Concen: 89.334 ng
RT: 14.84 min Scan# 2000
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion:139 Resp: 321640
Ion Ratio Lower Upper
139 100
109 70.9 61.4 101.4
65 96.7 80.3 120.3

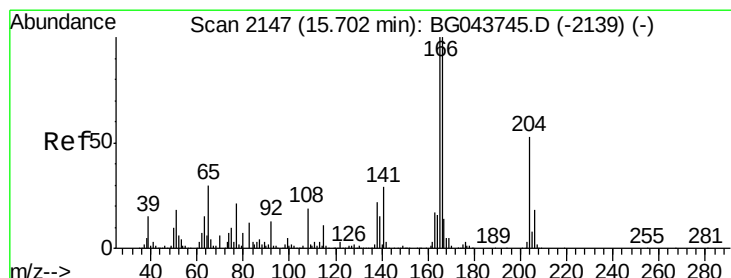
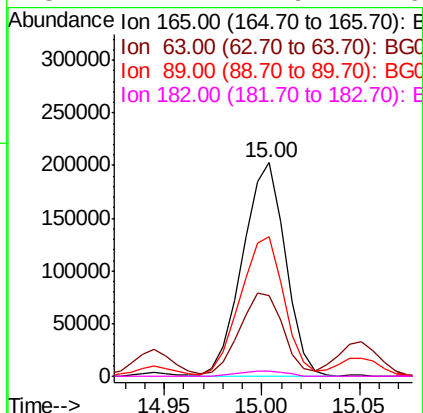
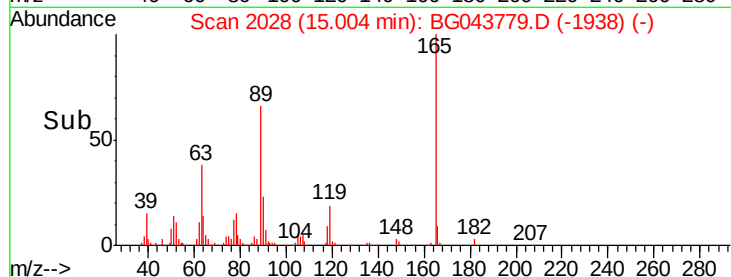
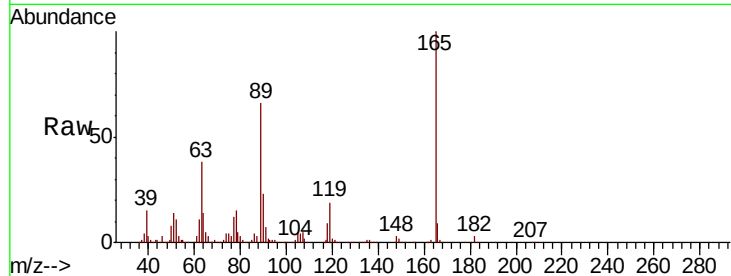




#57
 2,4-Dinitrotoluene
 Concen: 60.383 ng
 RT: 15.00 min Scan# 2028
 Delta R.T. 0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

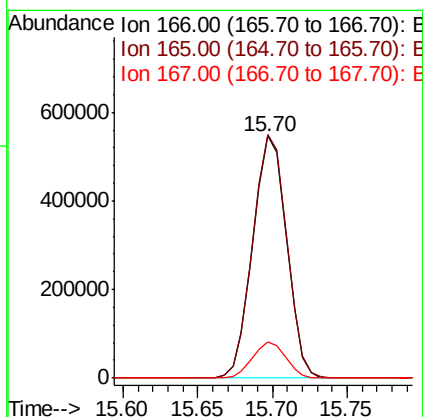
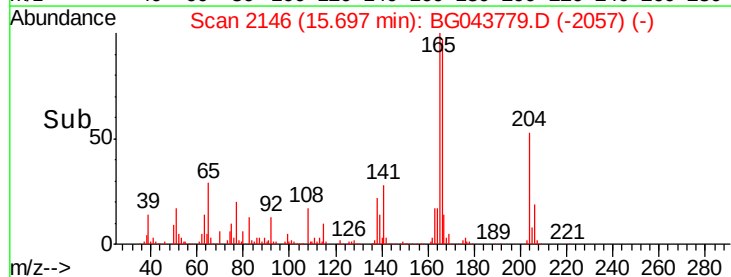
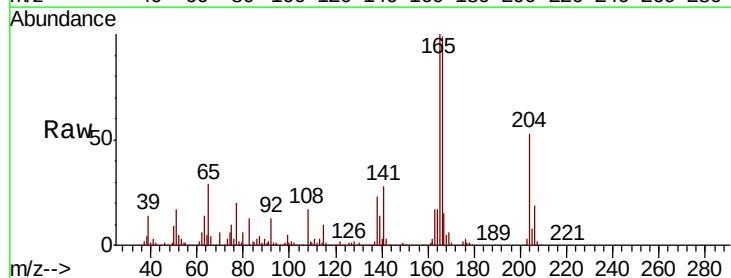
Instrument :
 BNA_F
 ClientSampleId :

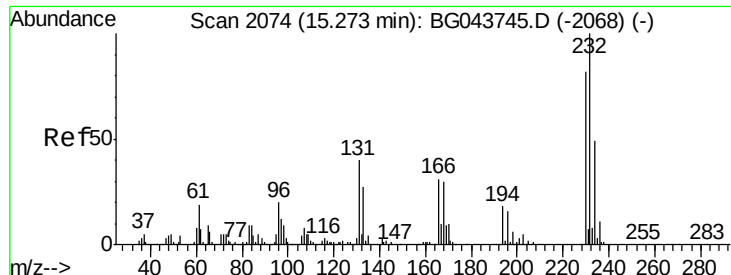
Tot Ion:165	Resp: 306450
Ion Ratio	Lower Upper
165 100	
63 38.0	34.6 51.8
89 65.5	58.3 87.5
182 2.7	1.9 2.9



#58
 Fluorene
 Concen: 47.199 ng
 RT: 15.70 min Scan# 2146
 Delta R.T. -0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

Tgt	Ion:166	Resp:	853147
Ion	Ratio	Lower	Upper
166	100		
165	100.7	79.9	119.9
167	14.8	11.4	17.0

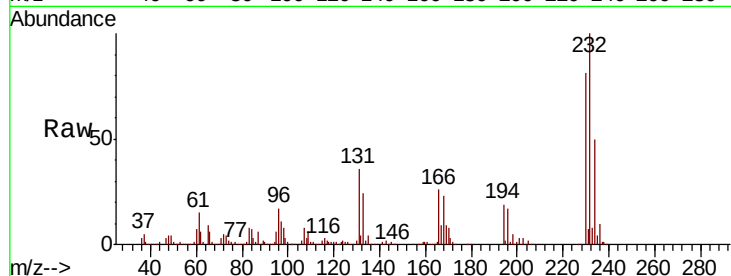




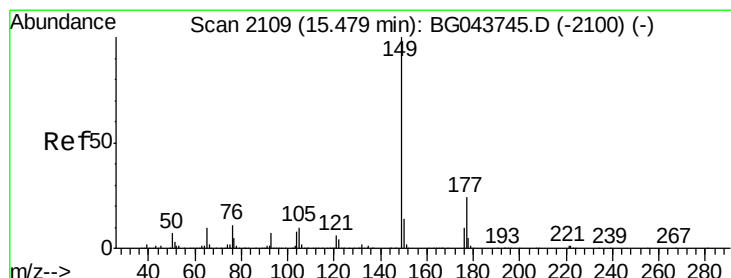
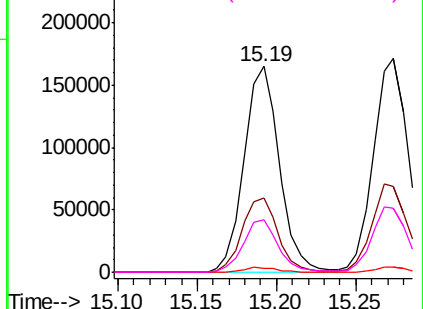
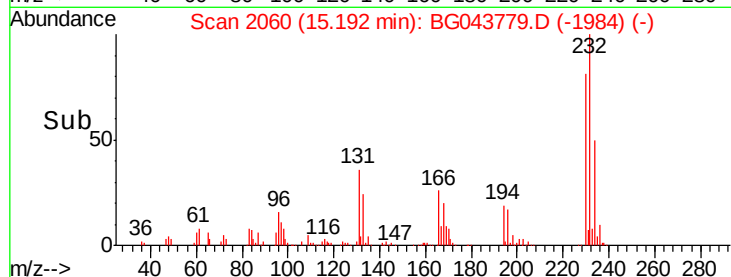
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 48.054 ng
 RT: 15.19 min Scan# 2060
 Delta R.T. -0.08 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

Instrument :
 BNA_F
 ClientSampleId :

Tot Ion:232	Resp:	255616
Ion Ratio	Lower	Upper
232	100	
131	36.5	27.0 40.6
130	2.2	1.6 2.4
166	25.1	18.2 27.2

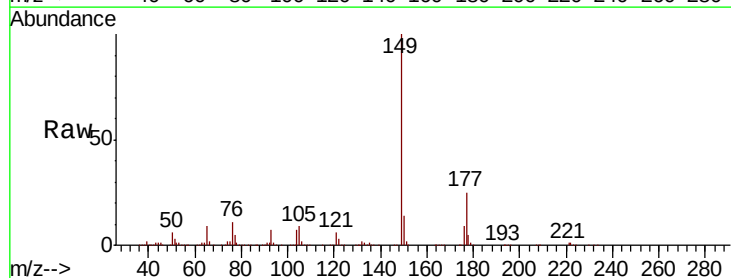


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

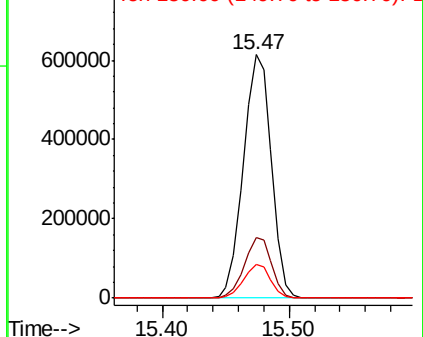
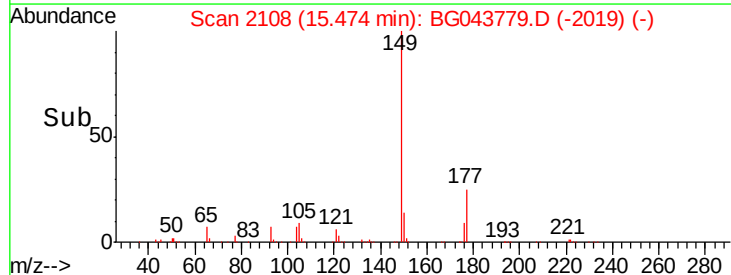


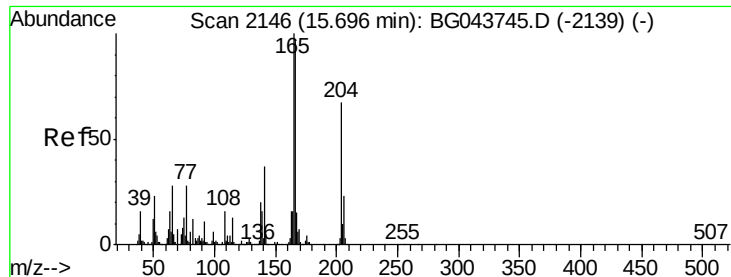
#60
 Diethylphthalate
 Concen: 47.031 ng
 RT: 15.47 min Scan# 2108
 Delta R.T. -0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

Tgt Ion:149	Resp:	938930
Ion Ratio	Lower	Upper
149	100	
177	24.9	19.3 28.9
150	13.8	11.1 16.7



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

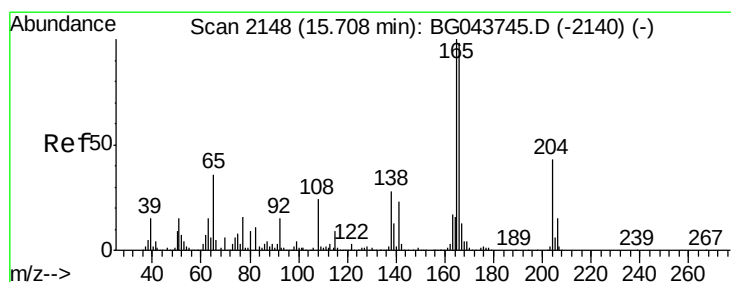
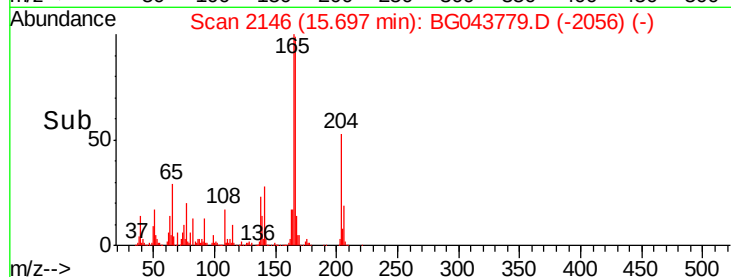
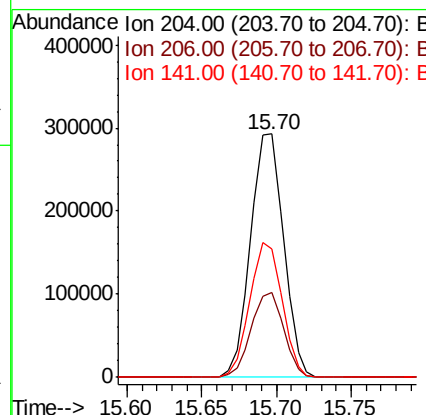
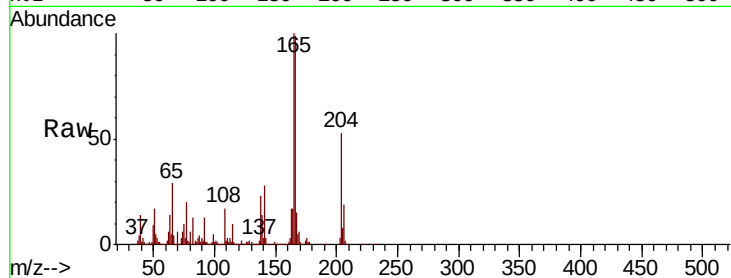




#61
4-Chlorophenyl-phenylether
Concen: 44.996 ng
RT: 15.70 min Scan# 2146
Delta R.T. 0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

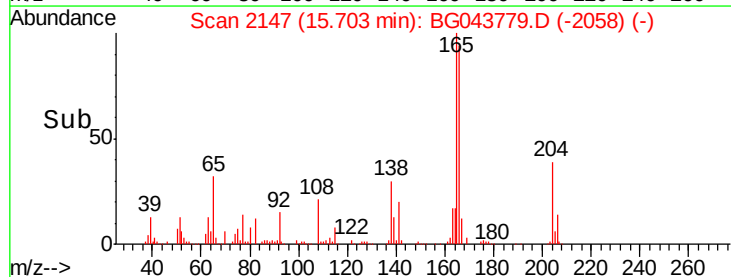
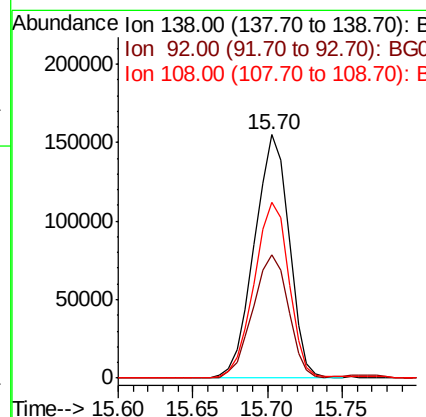
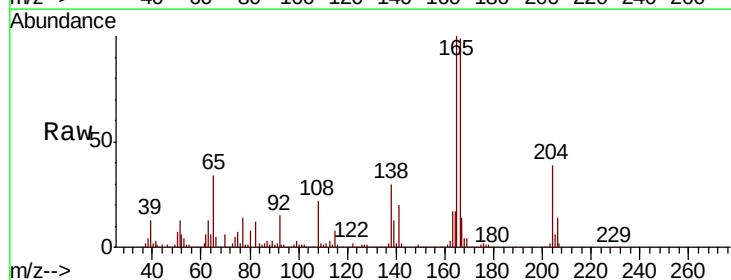
Instrument :
BNA_F
ClientSampled :

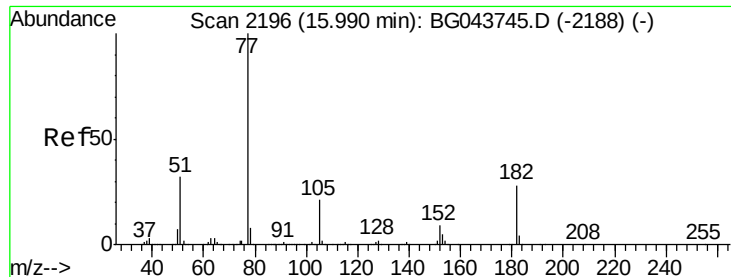
Tot Ion	Ratio	Lower	Upper
204	100		
206	35.0	27.4	41.0
141	52.9	44.3	66.5



#62
4-Nitroaniline
Concen: 50.858 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.8	34.6	74.6
108	72.4	65.7	105.7





#63

Azobenzene

Concen: 46.768 ng

RT: 15.98 min Scan# 2195

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

Tot Ion: 77 Resp: 867435

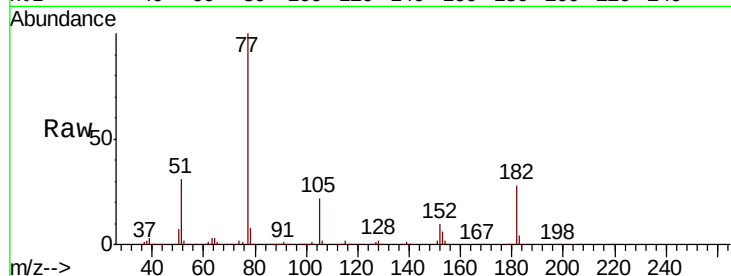
Ion Ratio Lower Upper

77 100

182 28.3 7.6 47.6

105 22.4 0.7 40.7

51 31.1 12.1 52.1

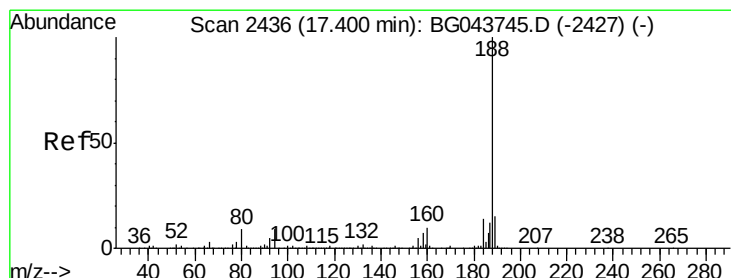
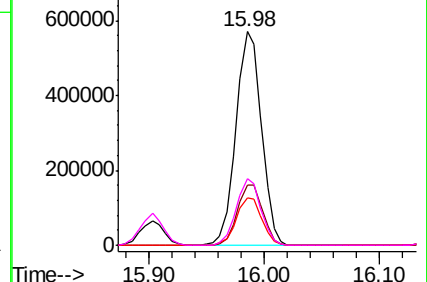
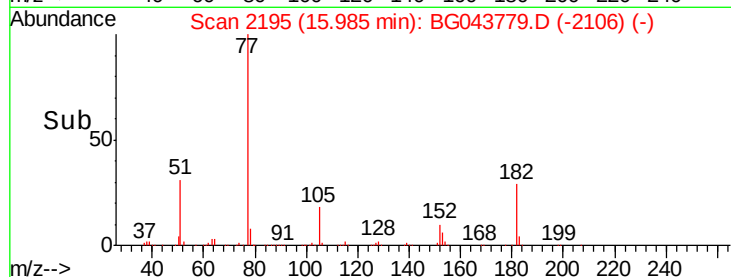


Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.39 min Scan# 2435

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

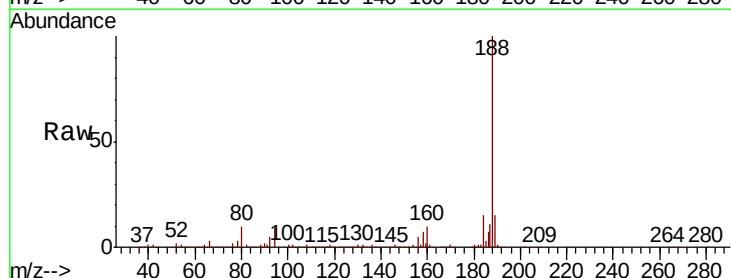
Tgt Ion: 188 Resp: 685664

Ion Ratio Lower Upper

188 100

94 8.5 6.9 10.3

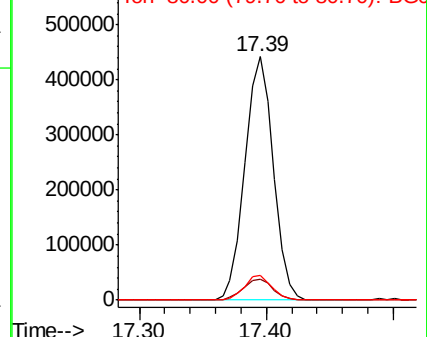
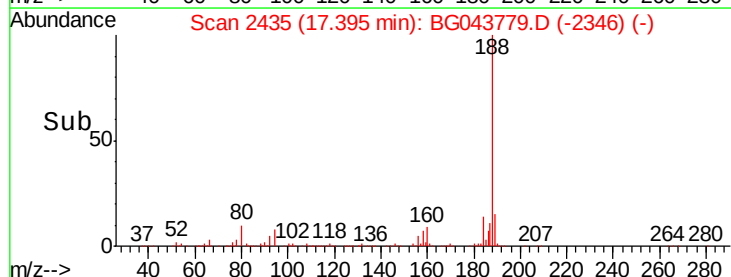
80 9.9 7.5 11.3

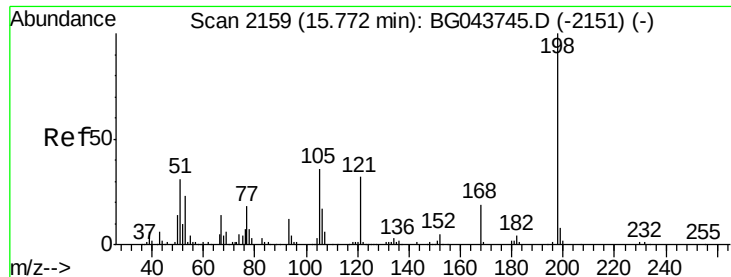


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 51.518 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

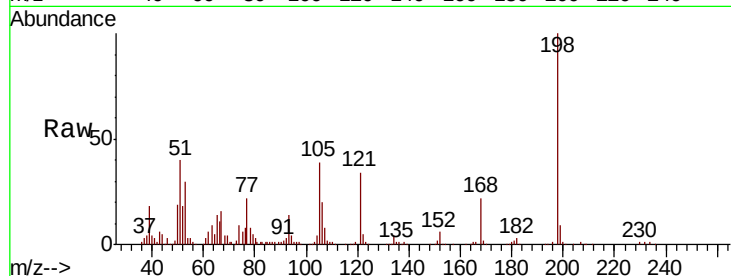
Instrument :

BNA_F

ClientSampled :

Tot Ion:198 Resp: 132226

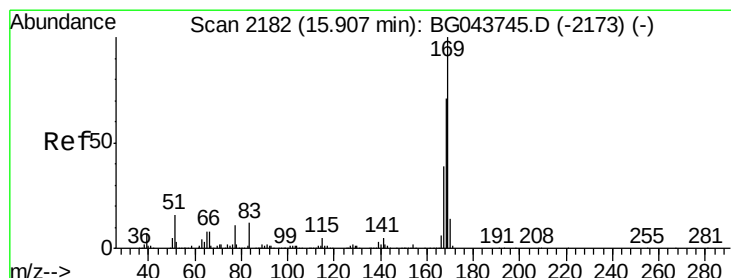
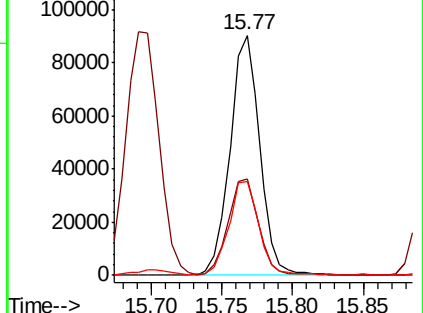
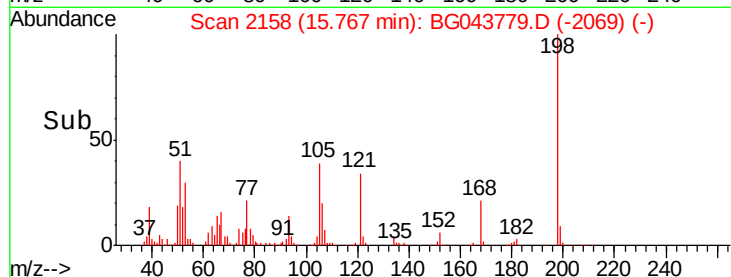
Ion	Ratio	Lower	Upper
198	100		
51	40.1	16.8	56.8
105	39.1	17.3	57.3



Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG043779.D (-2069) (-)

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 45.562 ng

RT: 15.90 min Scan# 2181

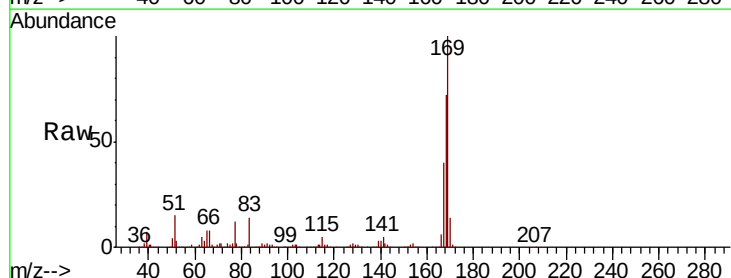
Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Tgt Ion:169 Resp: 827123

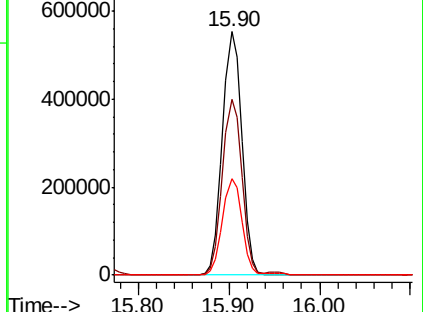
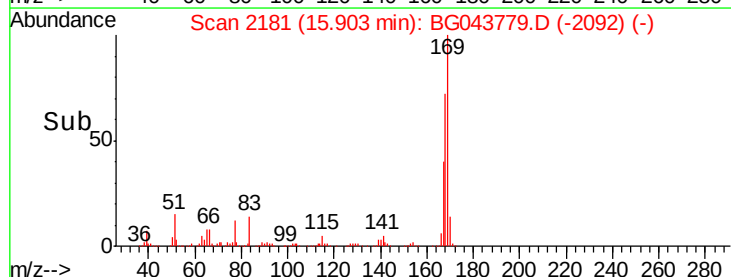
Ion	Ratio	Lower	Upper
169	100		
168	72.1	56.6	85.0
167	39.8	30.8	46.2

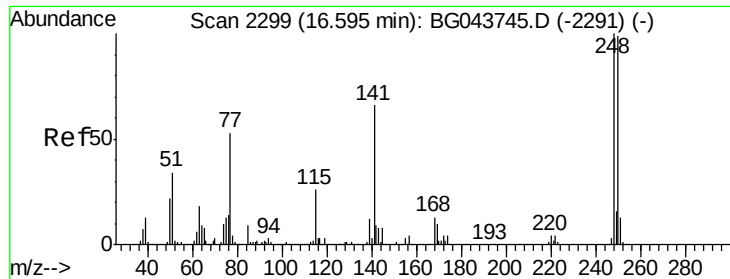


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

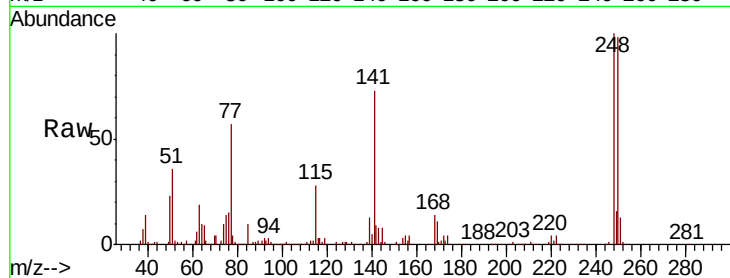




#67
4-Bromophenyl-phenylether
Concen: 42.159 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.01 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_F
ClientSampled :

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.6	79.3	118.9
141	73.5	53.0	79.6

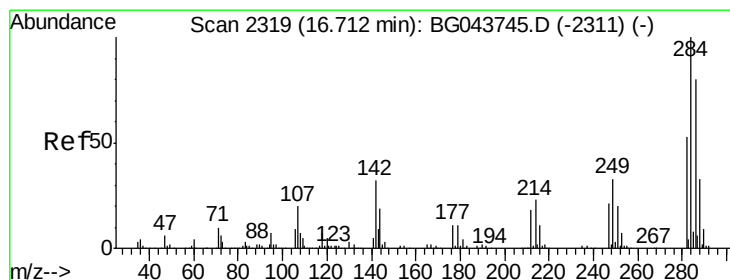
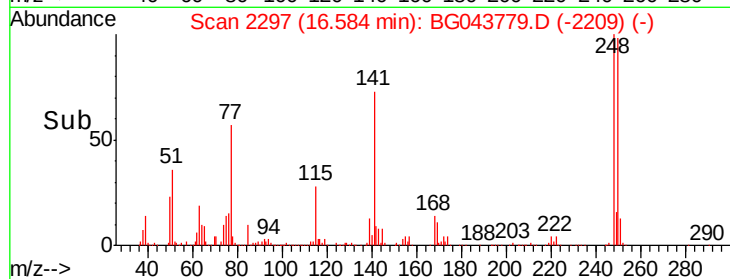
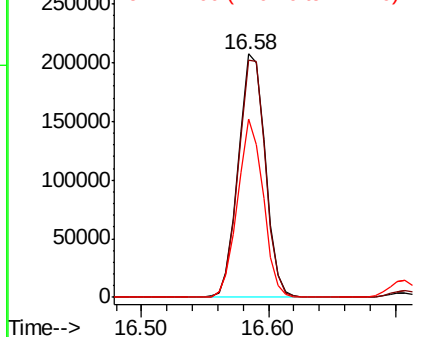


Abundance

Ion 248.00 (247.70 to 248.70): E

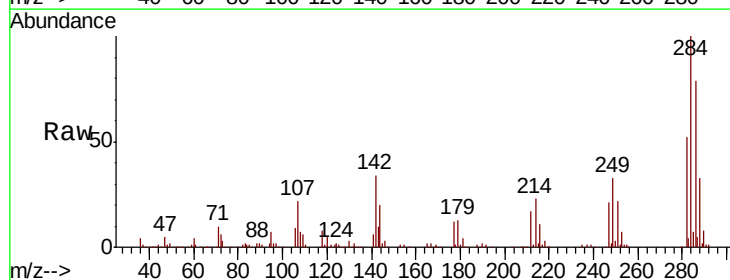
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 41.519 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	25.4	38.0
249	33.2	26.2	39.4

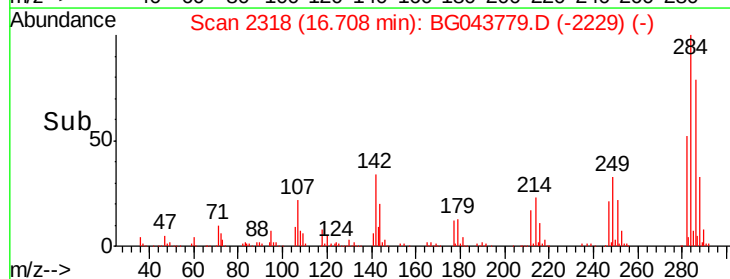
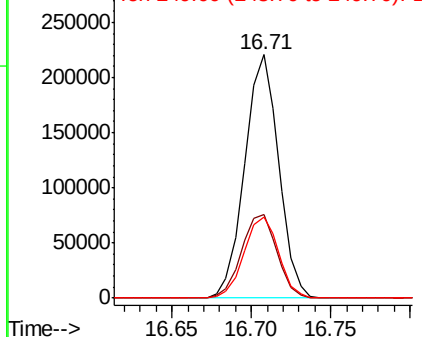


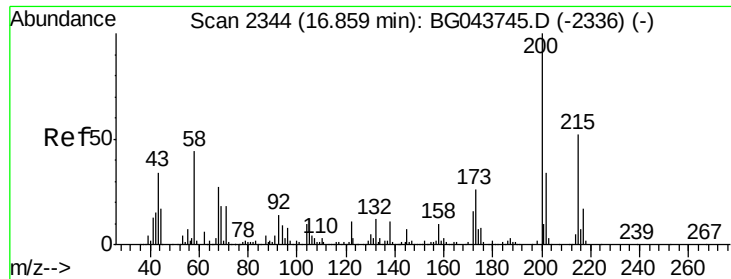
Abundance

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

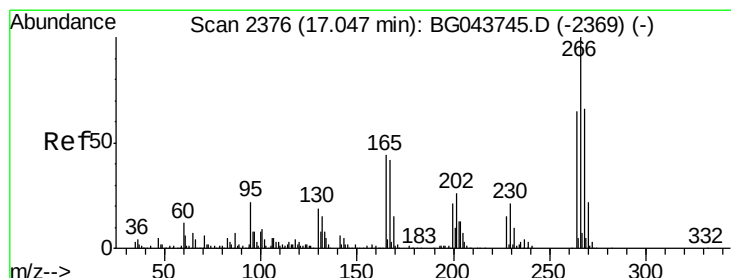
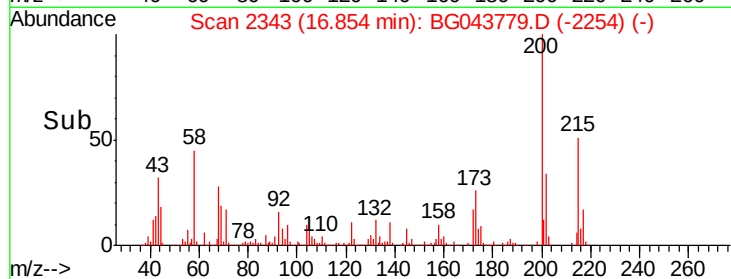
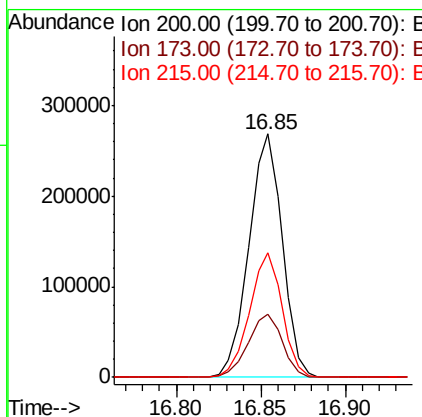
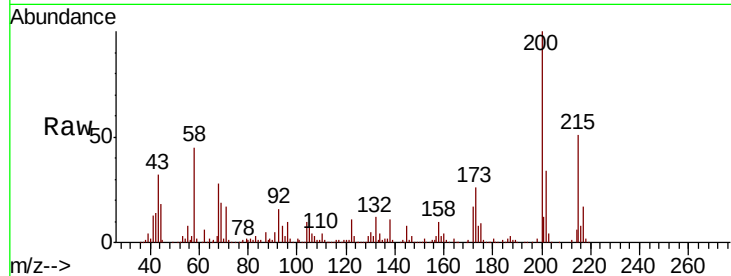




#69
 Atrazine
 Concen: 50.581 ng
 RT: 16.85 min Scan# 2343
 Delta R.T. -0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

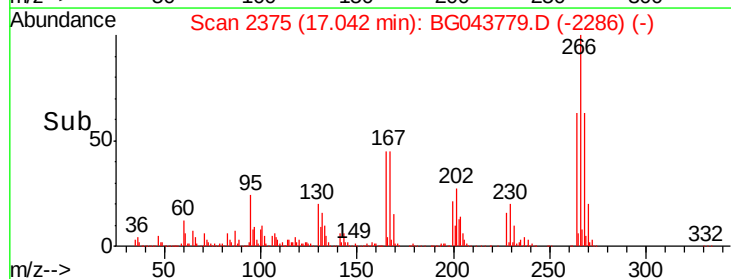
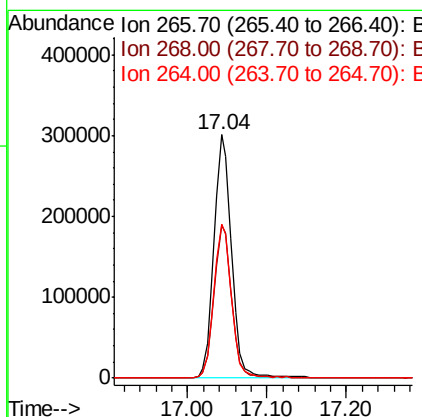
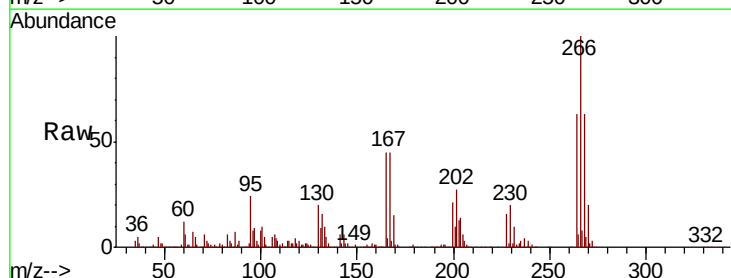
Instrument :
 BNA_F
 ClientSampleId :

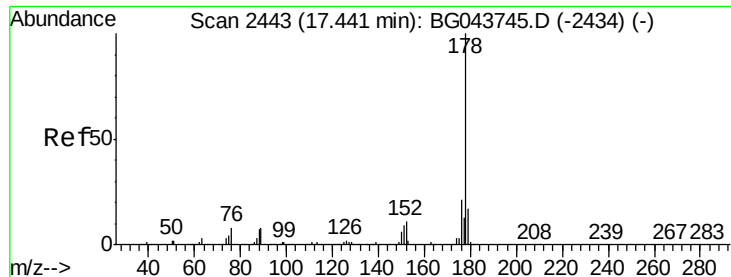
Tot Ion	Ratio	Lower	Upper
200	100		
173	26.1	6.0	46.0
215	51.1	32.4	72.4



#70
 Pentachlorophenol
 Concen: 96.372 ng
 RT: 17.04 min Scan# 2375
 Delta R.T. -0.00 min
 Lab File: BG043779.D
 Acq: 26 Nov 2019 15:57

Tgt Ion	Ratio	Lower	Upper
266	100		
268	62.5	52.9	79.3
264	63.4	51.6	77.4





#71

Phenanthrene

Concen: 46.003 ng

RT: 17.44 min Scan# 2442

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_F

ClientSampled :

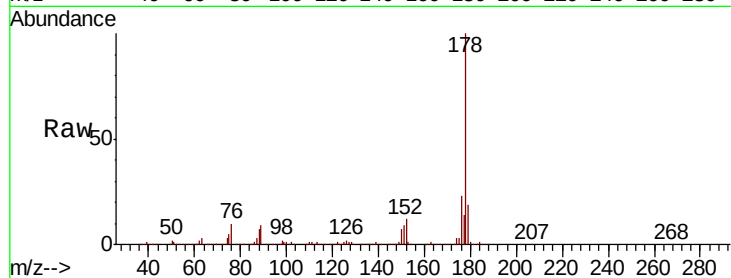
Tot Ion:178 Resp: 1560760

Ion Ratio Lower Upper

178 100

176 23.0 16.9 25.3

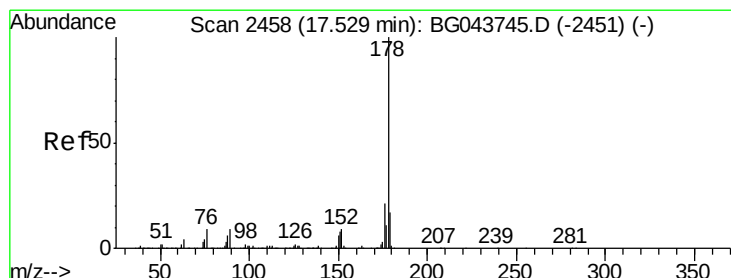
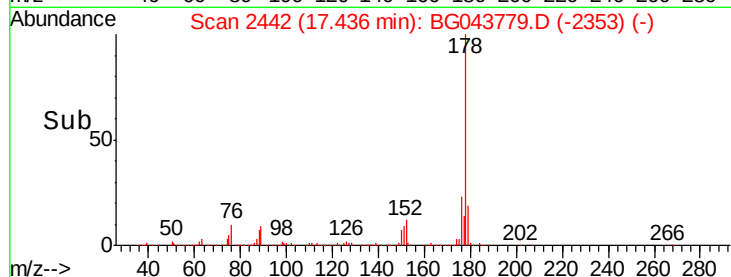
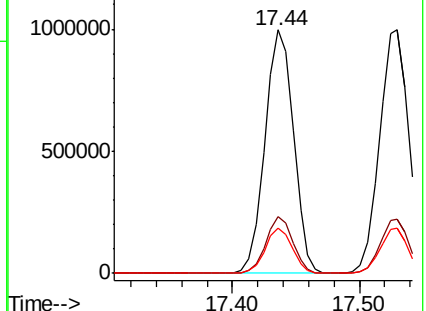
179 18.6 13.5 20.3



Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E



#72

Anthracene

Concen: 46.979 ng

RT: 17.53 min Scan# 2458

Delta R.T. 0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

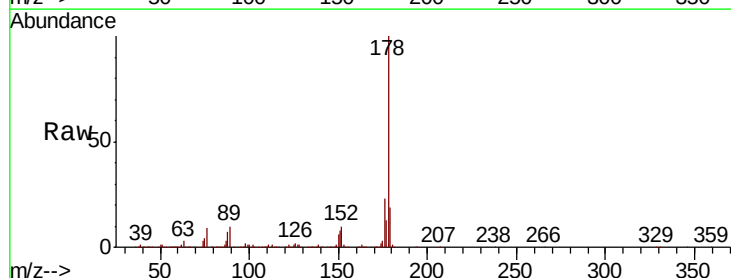
Tgt Ion:178 Resp: 1610061

Ion Ratio Lower Upper

178 100

176 22.5 16.5 24.7

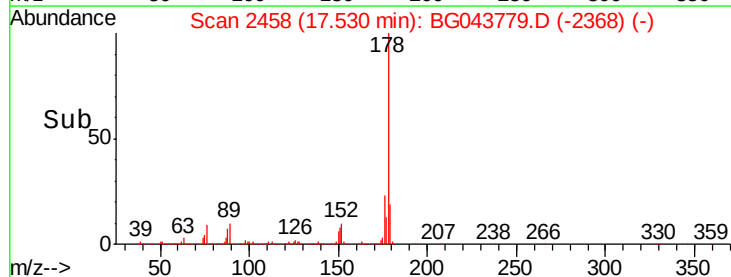
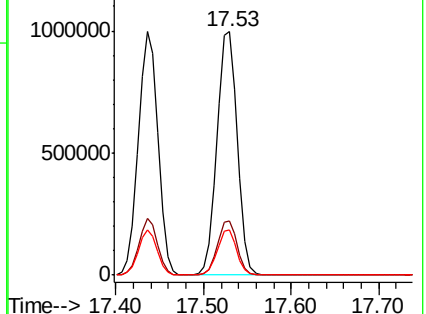
179 18.7 13.4 20.2

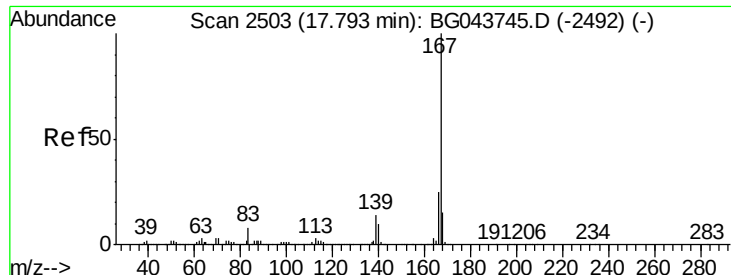


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E





#73

Carbazole

Concen: 50.402 ng

RT: 17.79 min Scan# 2502

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

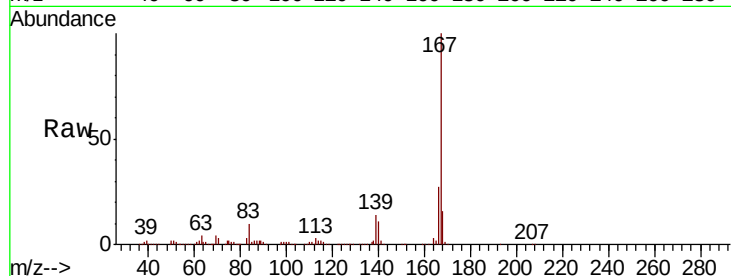
Instrument :

BNA_F

ClientSampled :

Tot Ion:167 Resp: 1634531

Ion	Ratio	Lower	Upper
167	100		
166	27.1	19.8	29.6
139	14.5	10.9	16.3

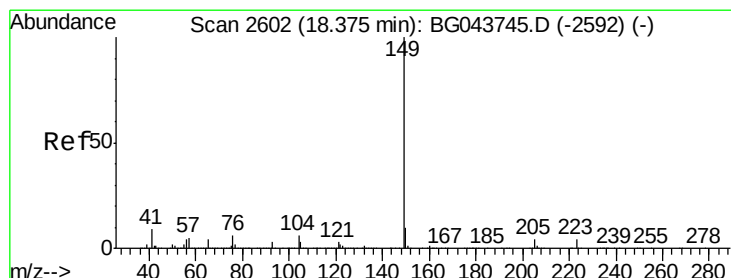
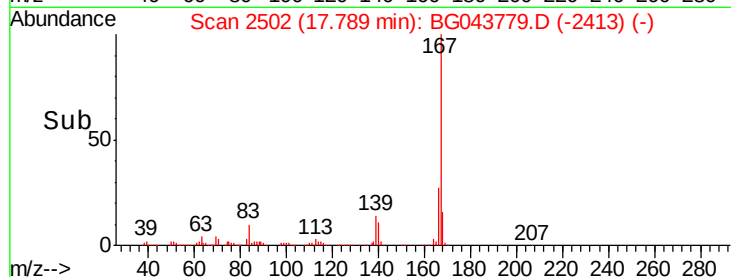
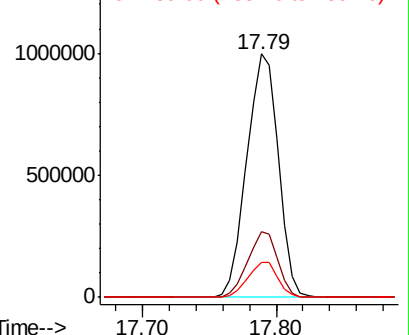


Abundance

Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 42.686 ng

RT: 18.37 min Scan# 2601

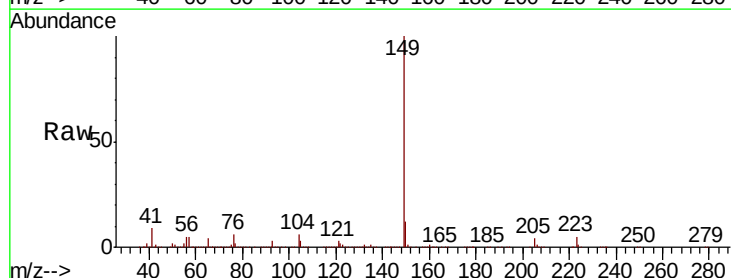
Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Tgt Ion:149 Resp: 1855092

Ion	Ratio	Lower	Upper
149	100		
150	11.8	8.4	12.6
104	6.1	4.6	7.0

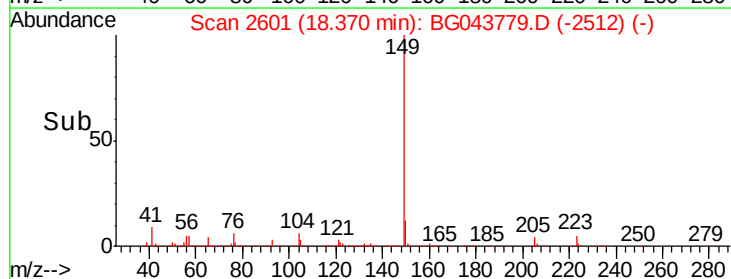
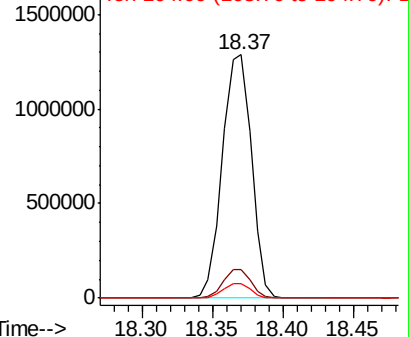


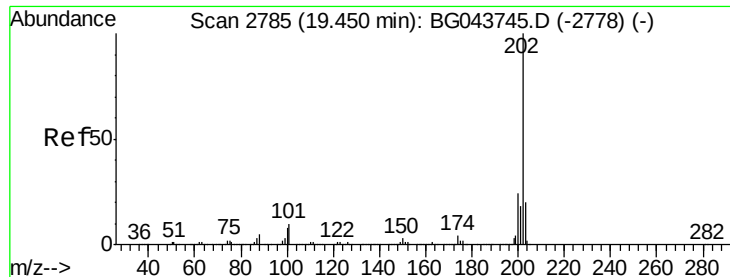
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 44.557 ng

RT: 19.45 min Scan# 2784

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

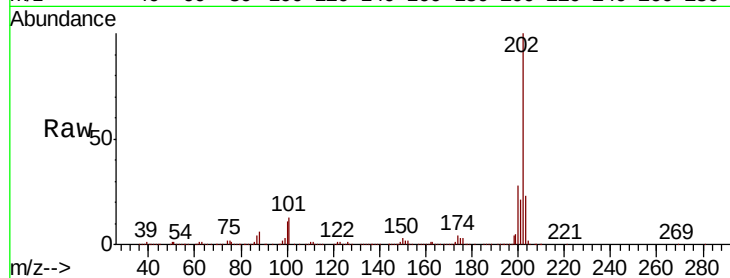
Tot Ion:202 Resp: 2168477

Ion Ratio Lower Upper

202 100

101 12.9 0.0 30.1

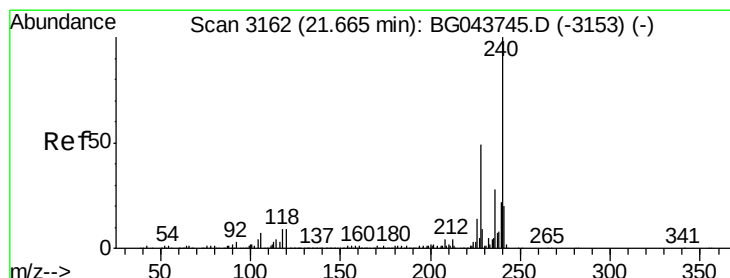
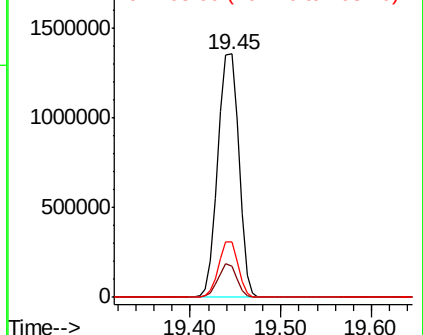
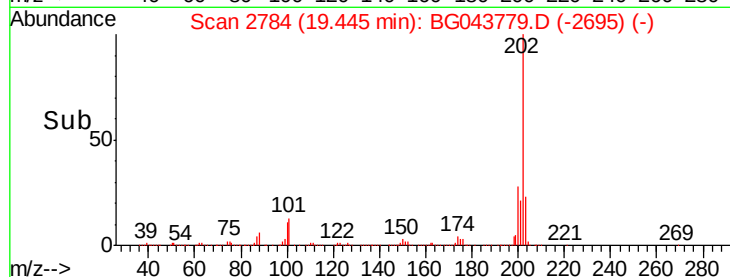
203 22.6 0.0 39.7



Abundance Ion 202.00 (201.70 to 202.70): E

Ion 101.00 (100.70 to 101.70): E

Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.66 min Scan# 3161

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

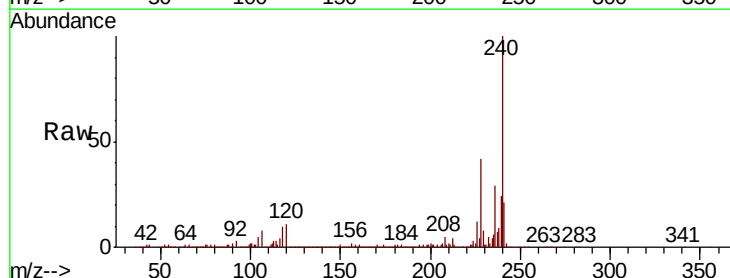
Tgt Ion:240 Resp: 800309

Ion Ratio Lower Upper

240 100

120 10.5 7.5 11.3

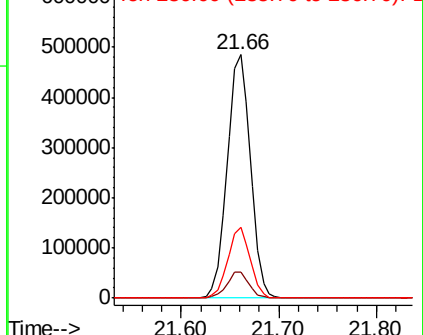
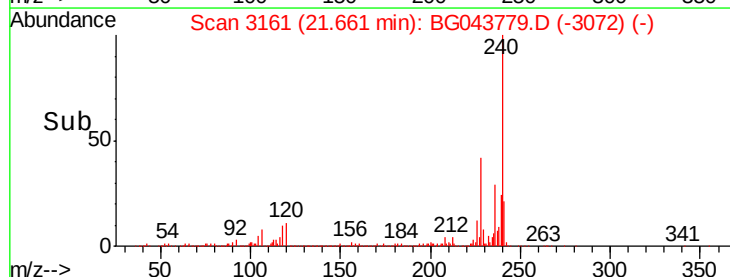
236 29.2 22.6 34.0

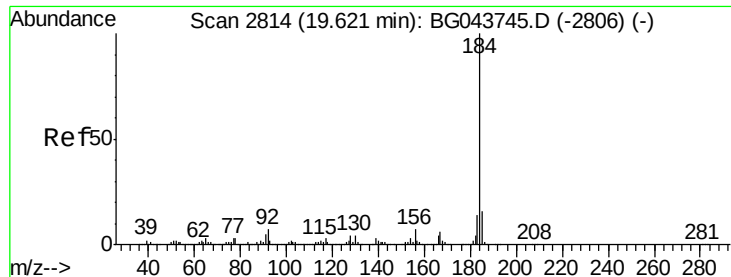


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 27.469 ng

RT: 19.62 min Scan# 2813

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

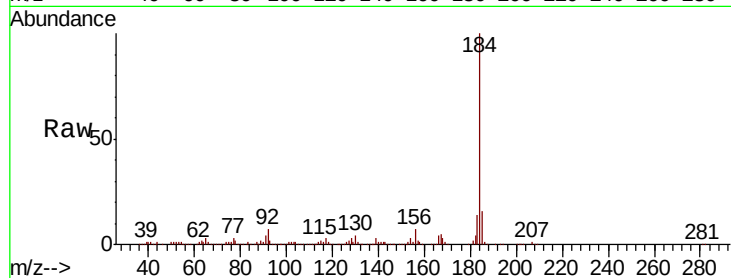
Instrument :

BNA_F

ClientSampleId :

Tot Ion:184 Resp: 642159

Ion	Ratio	Lower	Upper
184	100		
185	16.3	12.8	19.2
183	14.1	11.3	16.9

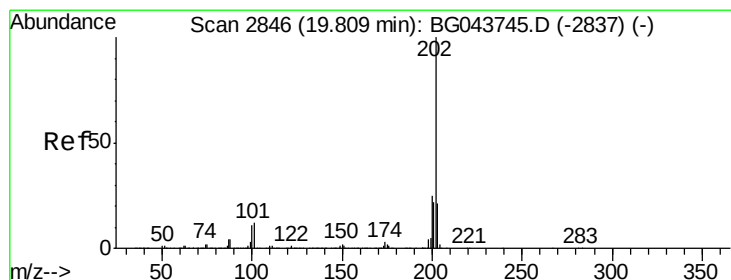
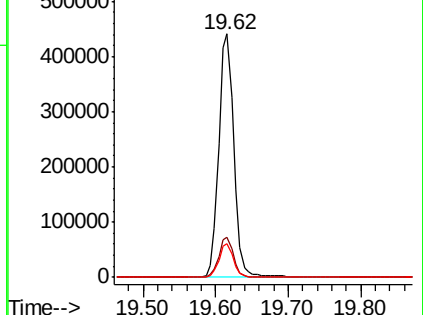
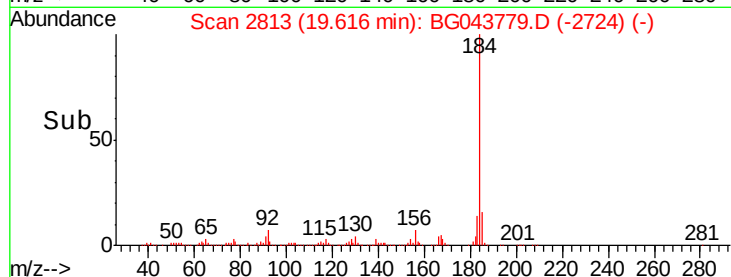


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 43.188 ng

RT: 19.80 min Scan# 2845

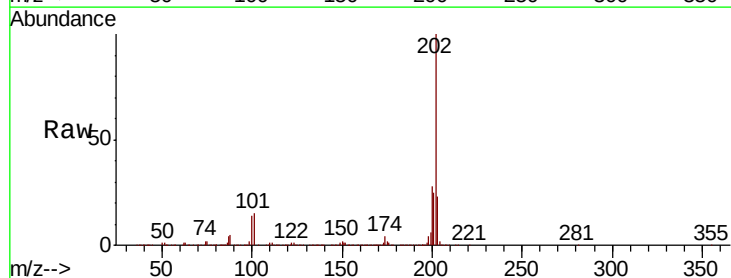
Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Tgt Ion:202 Resp: 2230673

Ion	Ratio	Lower	Upper
202	100		
200	28.3	19.8	29.6
203	23.5	16.6	24.8

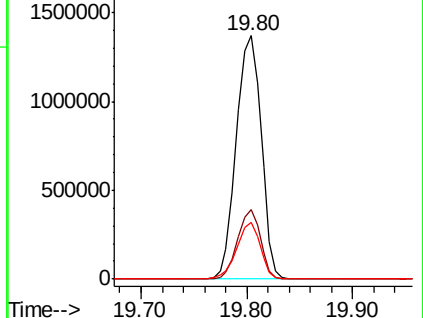
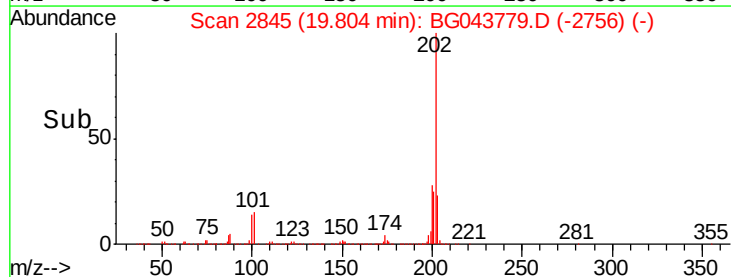


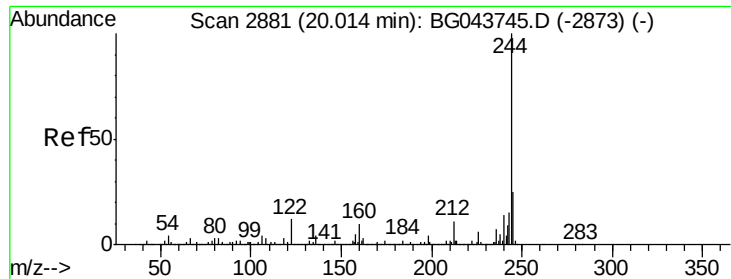
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 82.386 ng

RT: 20.01 min Scan# 2880

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_F

ClientSampled :

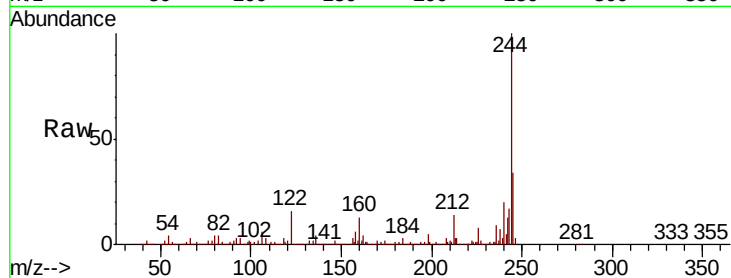
Tot Ion:244 Resp: 2917932

Ion Ratio Lower Upper

244 100

212 14.3 8.5 12.7#

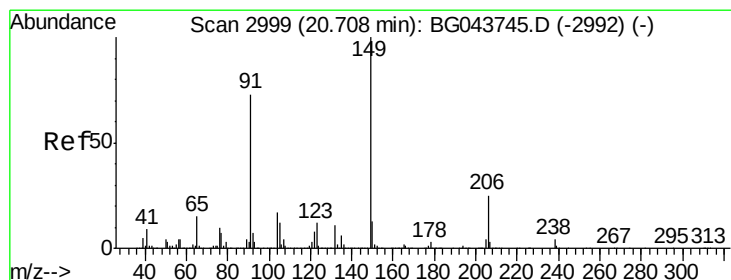
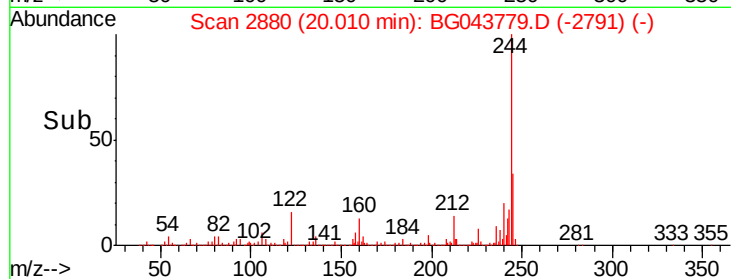
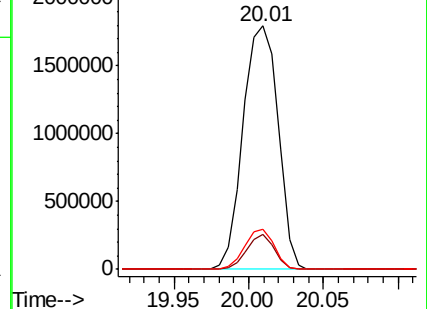
122 16.3 9.5 14.3#



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: 48.110 ng

RT: 20.70 min Scan# 2997

Delta R.T. -0.01 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

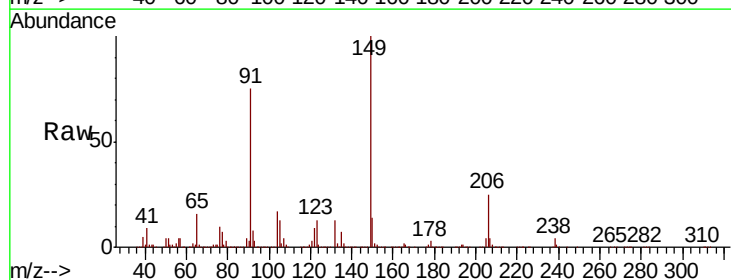
Tgt Ion:149 Resp: 1132004

Ion Ratio Lower Upper

149 100

91 75.3 58.8 88.2

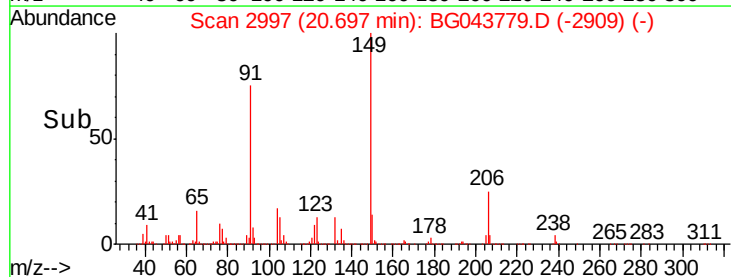
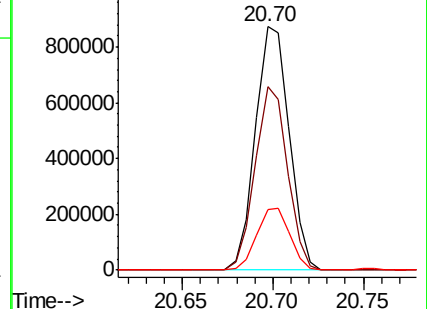
206 25.0 19.8 29.6

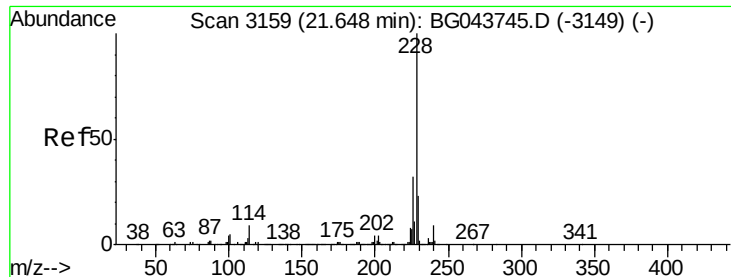


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 44.080 ng

RT: 21.64 min Scan# 3157

Delta R.T. -0.01 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

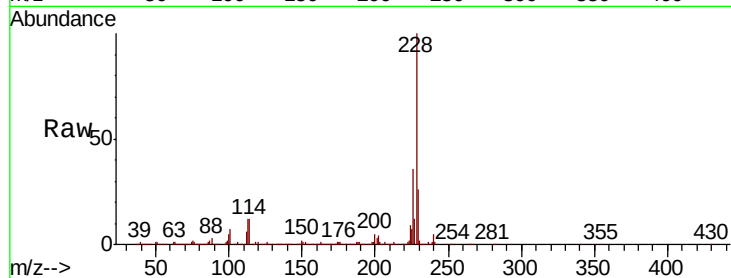
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2358417

Ion	Ratio	Lower	Upper
228	100		
226	35.6	25.4	38.2
229	25.6	18.1	27.1

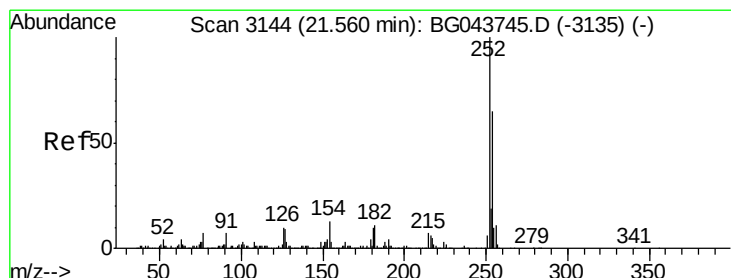
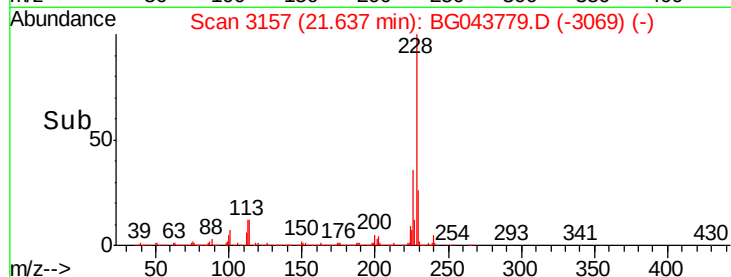
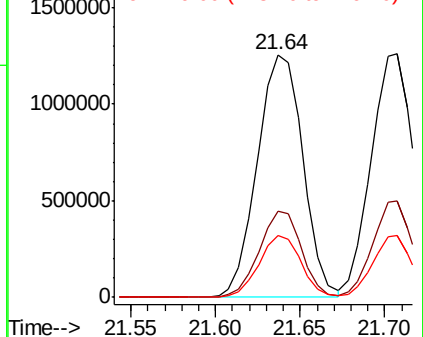


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 19.307 ng

RT: 21.55 min Scan# 3142

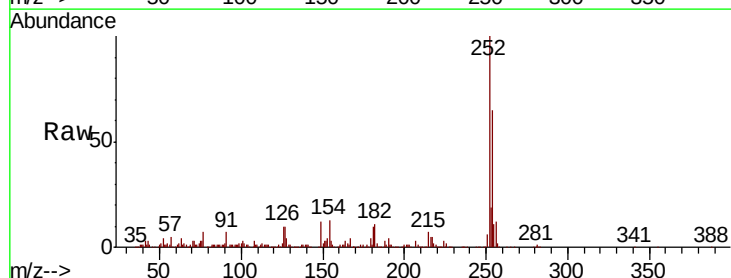
Delta R.T. -0.01 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Tgt Ion:252 Resp: 387365

Ion	Ratio	Lower	Upper
252	100		
254	64.5	52.1	78.1
126	10.1	7.8	11.6

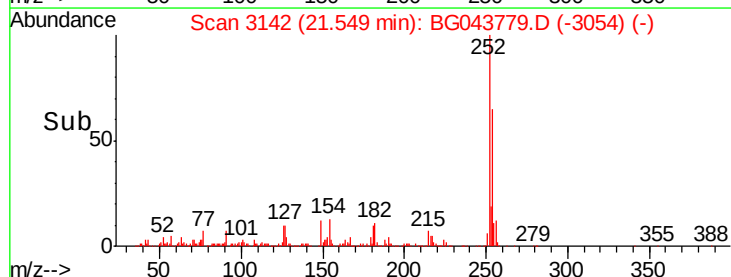
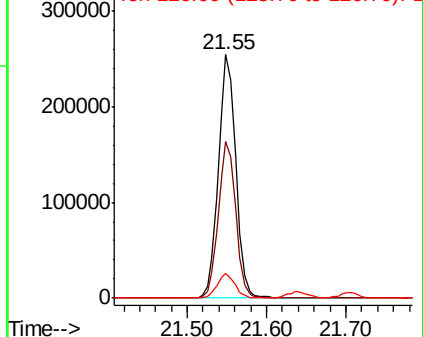


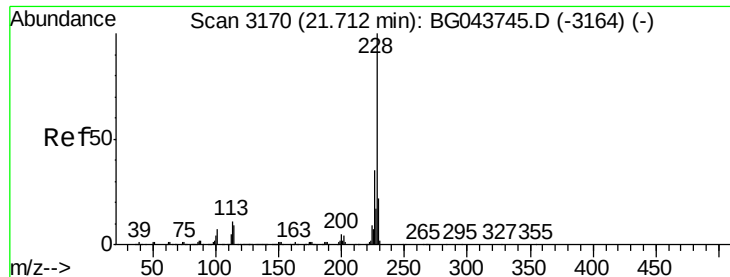
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 43.667 ng

RT: 21.71 min Scan# 3169

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

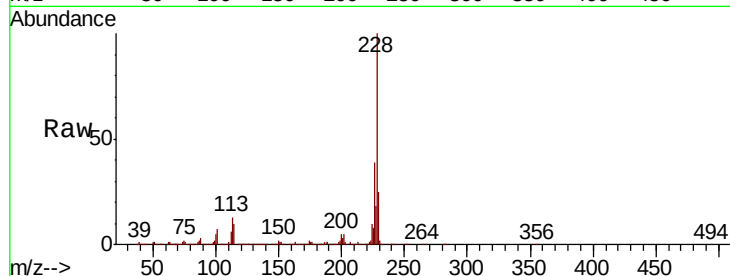
Instrument :

BNA_F

ClientSampleId :

Tot Ion:228 Resp: 2210738

Ion	Ratio	Lower	Upper
228	100		
226	39.3	27.8	41.8
229	25.4	17.9	26.9

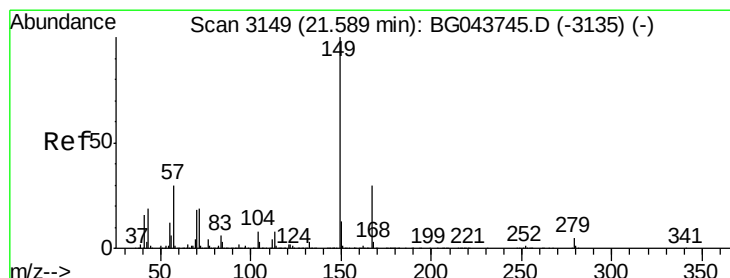
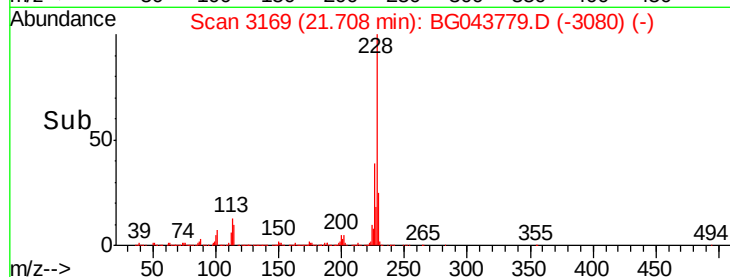
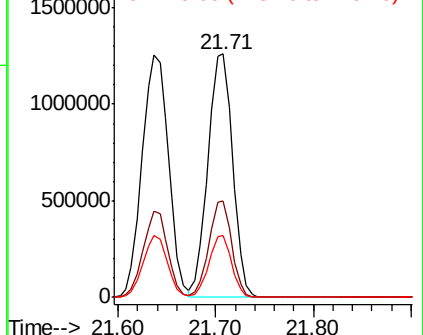


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 46.195 ng

RT: 21.57 min Scan# 3146

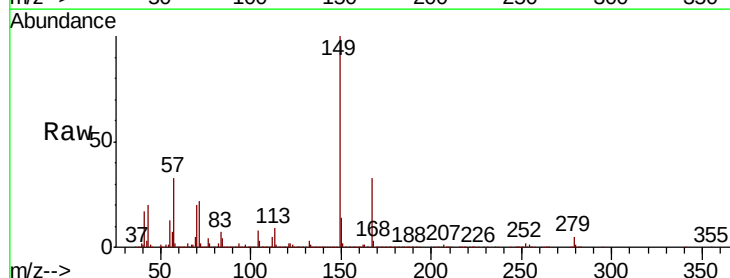
Delta R.T. -0.02 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Tgt Ion:149 Resp: 1529330

Ion	Ratio	Lower	Upper
149	100		
167	33.2	23.8	35.6
279	5.0	4.0	6.0

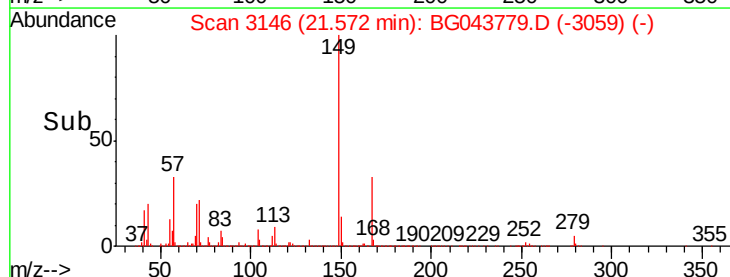
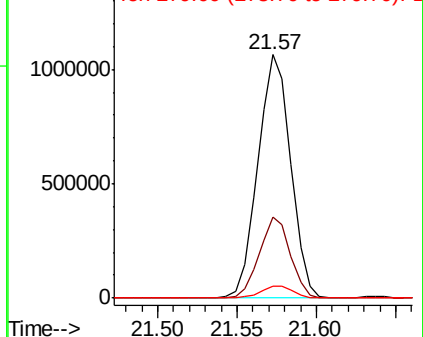


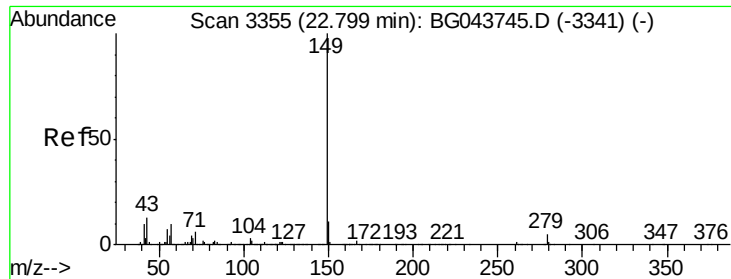
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 41.330 ng

RT: 22.78 min Scan# 3352

Delta R.T. -0.02 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

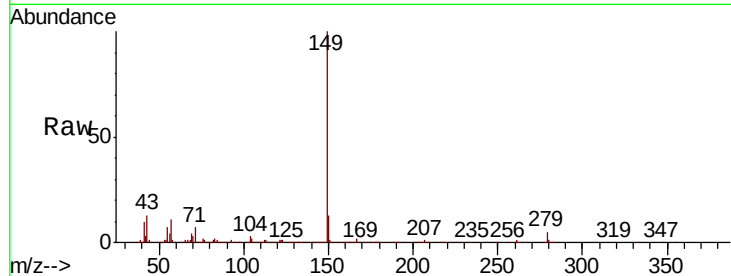
Tot Ion:149 Resp: 2219346

Ion Ratio Lower Upper

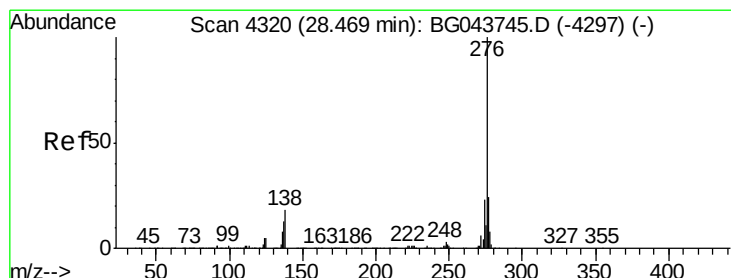
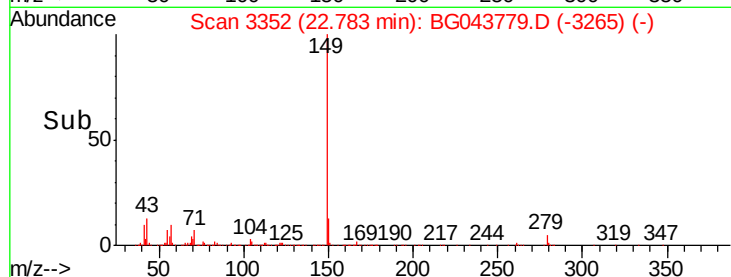
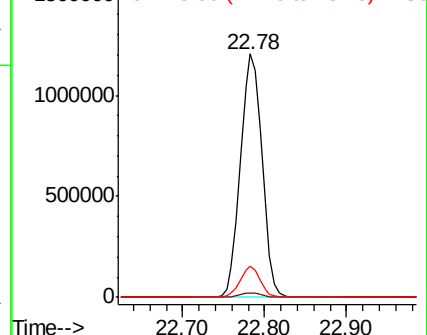
149 100

167 1.9 1.4 2.0

43 11.7 9.8 14.6



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



#86

Indeno(1,2,3-cd)pyrene

Concen: 41.095 ng

RT: 28.45 min Scan# 4317

Delta R.T. -0.02 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

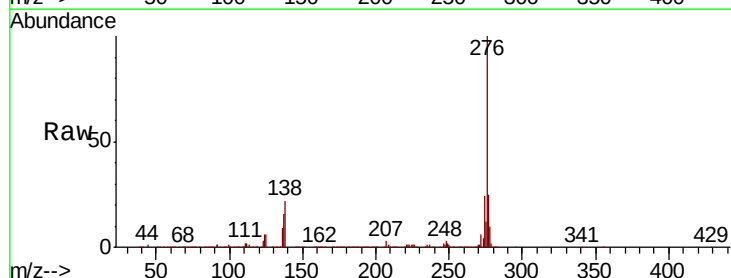
Tgt Ion:276 Resp: 2420145

Ion Ratio Lower Upper

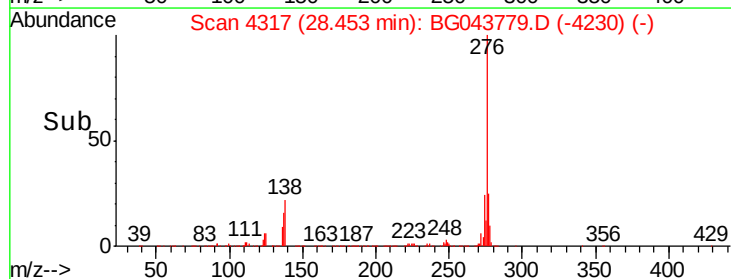
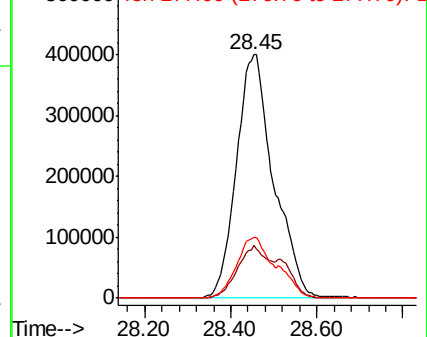
276 100

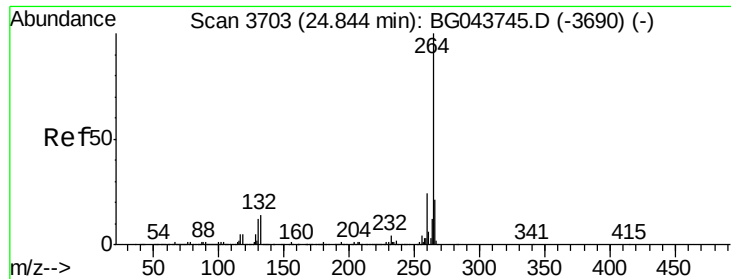
138 17.8 14.5 21.7

277 26.4 21.1 31.7



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 138.00 (137.70 to 138.70): E
Ion 277.00 (276.70 to 277.70): E





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.83 min Scan# 3701

Delta R.T. -0.01 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_F

ClientSampleId :

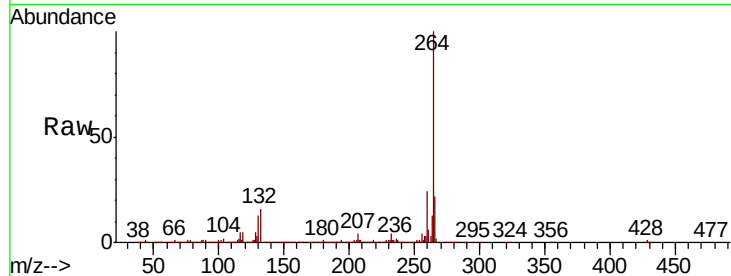
Tot Ion:264 Resp: 766798

Ion Ratio Lower Upper

264 100

260 24.1 19.4 29.2

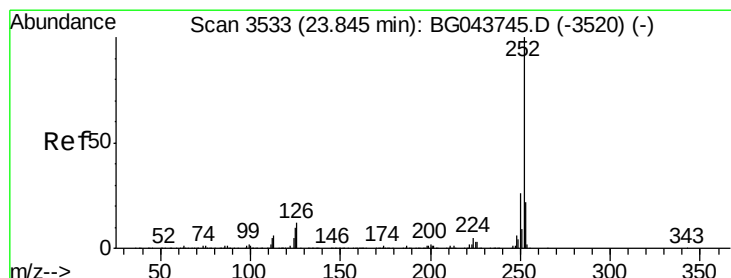
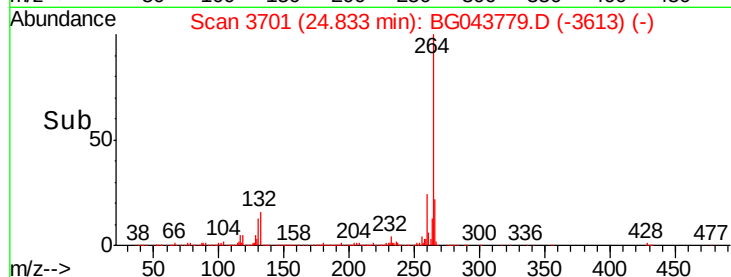
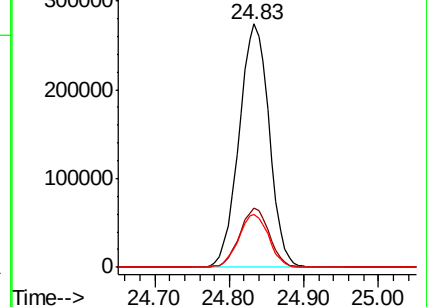
265 21.7 17.0 25.6



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: 44.493 ng

RT: 23.83 min Scan# 3531

Delta R.T. -0.01 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

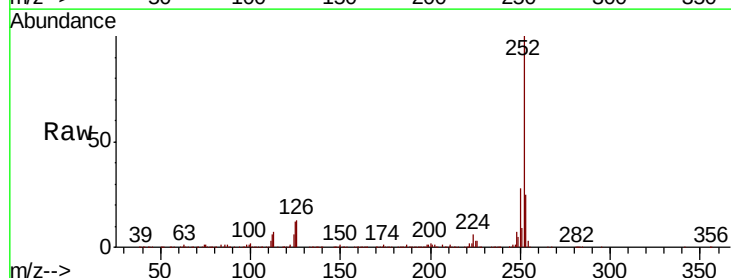
Tgt Ion:252 Resp: 2037018

Ion Ratio Lower Upper

252 100

253 25.1 17.7 26.5

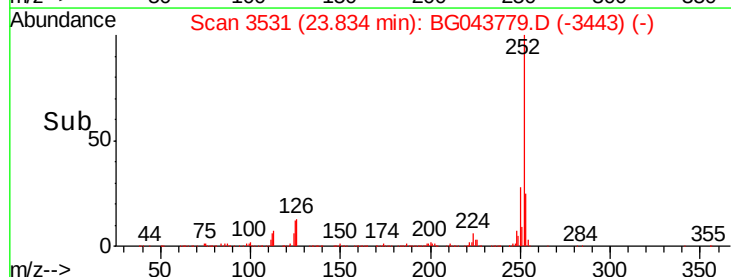
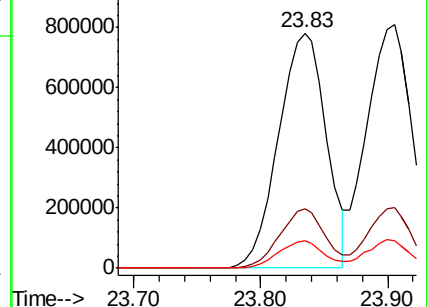
125 11.8 8.0 12.0

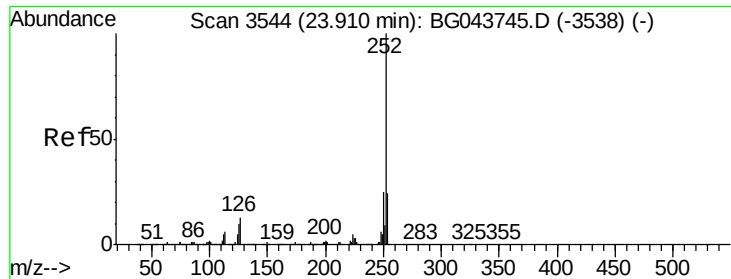


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.638 ng

RT: 23.90 min Scan# 3543

Delta R.T. -0.00 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

Instrument :

BNA_F

ClientSampled :

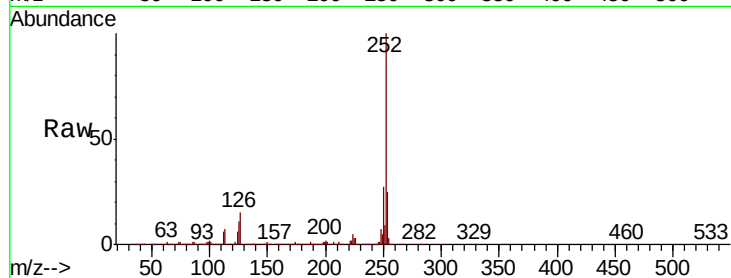
Tot Ion:252 Resp: 2005269

Ion Ratio Lower Upper

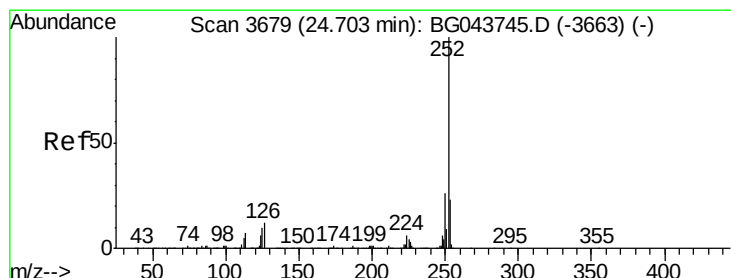
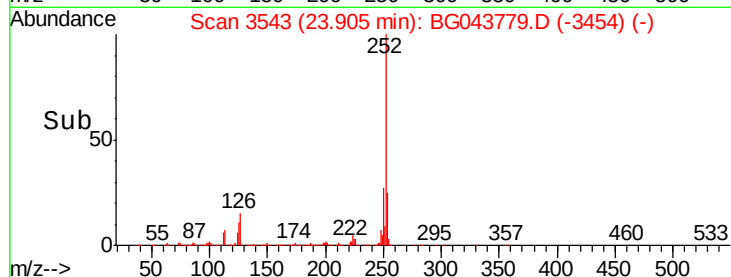
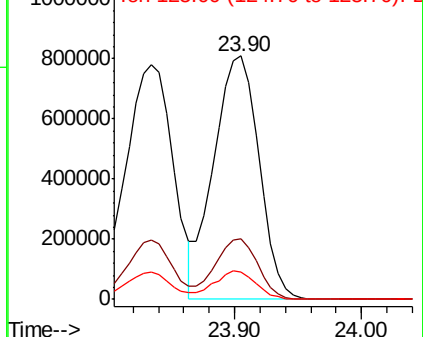
252 100

253 24.9 18.8 28.2

125 11.5 7.7 11.5



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



#90

Benzo(a)pyrene

Concen: 43.688 ng

RT: 24.69 min Scan# 3676

Delta R.T. -0.02 min

Lab File: BG043779.D

Acq: 26 Nov 2019 15:57

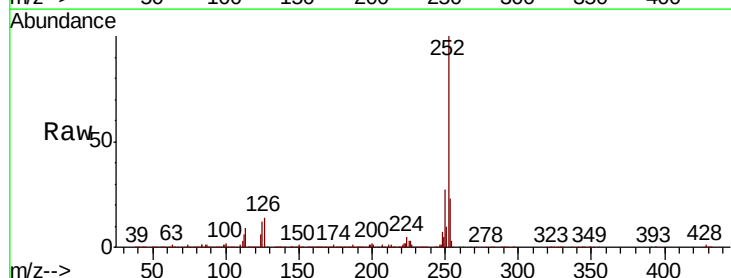
Tgt Ion:252 Resp: 1880798

Ion Ratio Lower Upper

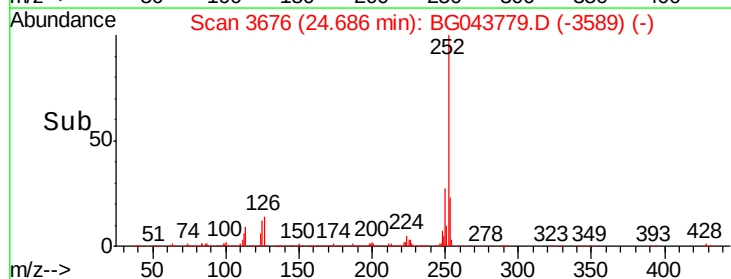
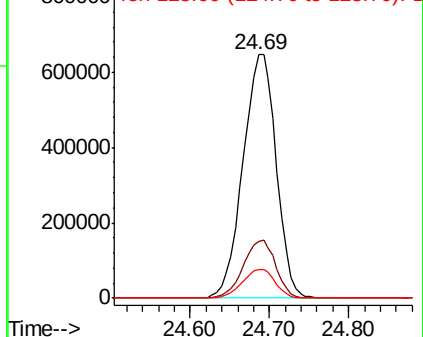
252 100

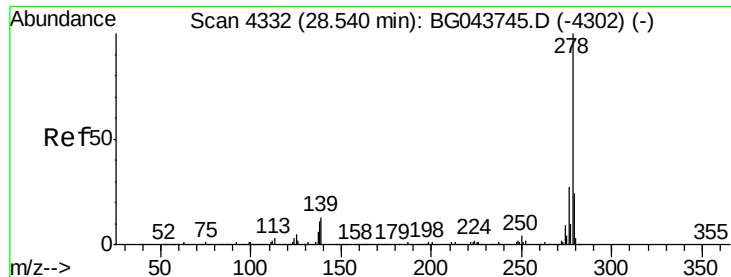
253 23.5 18.2 27.4

125 12.0 8.3 12.5



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

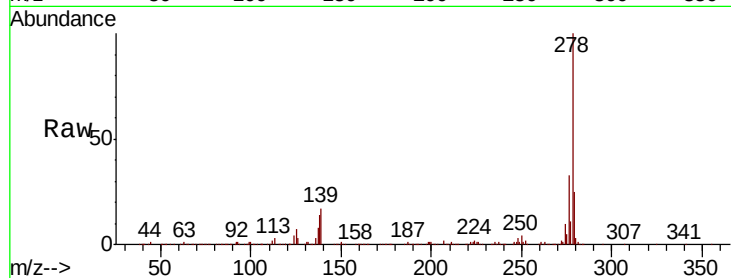




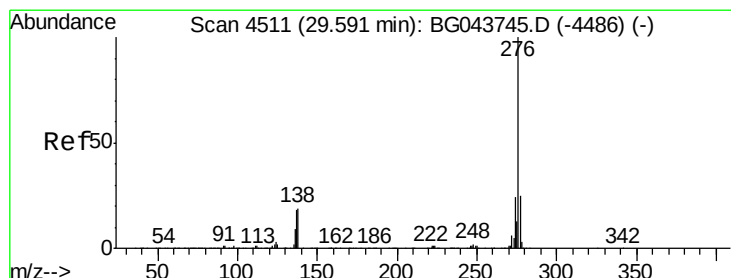
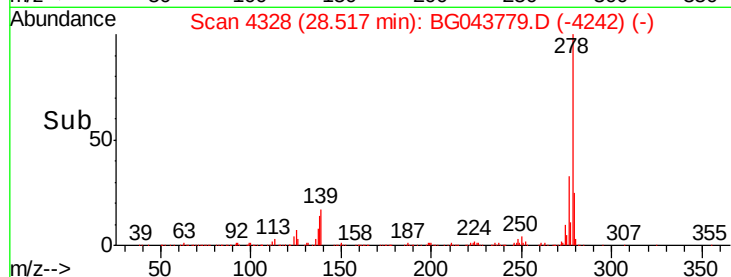
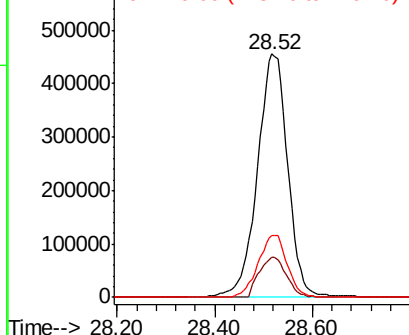
#91
Dibenzo(a,h)anthracene
Concen: 47.252 ng
RT: 28.52 min Scan# 4328
Delta R.T. -0.02 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Instrument :
BNA_F
ClientSampleId :

Tot Ion:278 Resp: 1973137
Ion Ratio Lower Upper
278 100
139 16.5 10.4 15.6#
279 25.3 19.3 28.9

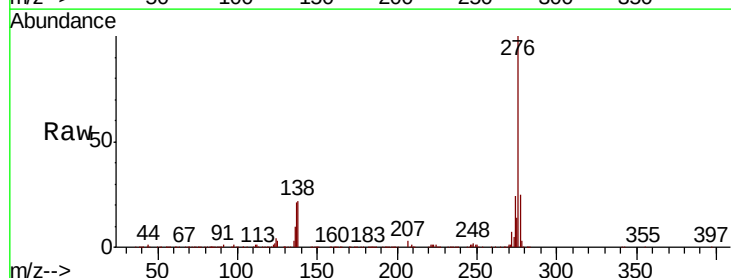


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 48.334 ng
RT: 29.58 min Scan# 4509
Delta R.T. -0.01 min
Lab File: BG043779.D
Acq: 26 Nov 2019 15:57

Tgt Ion:276 Resp: 1990364
Ion Ratio Lower Upper
276 100
277 24.7 19.7 29.5
138 21.7 14.9 22.3



Abundance Ion 276.00 (275.70 to 276.70): E
Ion 277.00 (276.70 to 277.70): E
Ion 138.00 (137.70 to 138.70): E

