

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060119\
 Data File : BG041015.D
 Acq On : 1 Jun 2019 16:48
 Operator : HP/JU
 Sample : K3110-01MS
 Misc :
 ALS Vial : 12 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMS

Quant Time: Jun 03 04:04:21 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed May 29 18:39:57 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.12	152	61809	20.00	ng	-0.01
21) Naphthalene-d8	10.94	136	252557	20.00	ng	0.00
39) Acenaphthene-d10	14.75	164	180883	20.00	ng	0.00
64) Phenanthrene-d10	17.50	188	440539	20.00	ng	0.00
76) Chrysene-d12	21.78	240	422810	20.00	ng	0.00
87) Perylene-d12	25.12	264	448793	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	471410	137.53	ng	0.00
7) Phenol-d6	7.27	99	684280	129.26	ng	0.00
23) Nitrobenzene-d5	9.30	82	469072	82.45	ng	0.00
42) 2,4,6-Tribromophenol	16.24	330	342168	127.42	ng	0.00
45) 2-Fluorobiphenyl	13.38	172	1056232	84.09	ng	0.00
79) Terphenyl-d14	20.09	244	1627951	81.72	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.52	88	45423	29.203	ng	92
3) Pyridine	3.93	79	105745	22.976	ng	98
4) n-Nitrosodimethylamine	3.85	42	81524	38.166	ng	92
6) Aniline	7.44	93	117111	16.574	ng	97
8) 2-Chlorophenol	7.68	128	155345	38.014	ng	95
9) Benzaldehyde	7.25	77	73248	23.195	ng	85
10) Phenol	7.30	94	215365	37.943	ng	98
11) bis(2-Chloroethyl)ether	7.54	93	148564	36.080	ng	99
12) 1,3-Dichlorobenzene	8.01	146	162801	33.356	ng	95
13) 1,4-Dichlorobenzene	8.16	146	169398	34.288	ng	99
14) 1,2-Dichlorobenzene	8.48	146	160792	33.520	ng	98
15) Benzyl Alcohol	8.36	79	179374	36.630	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.64	45	230416	34.245	ng	97
17) 2-Methylphenol	8.55	107	146951	35.757	ng	97
18) Hexachloroethane	9.21	117	63657	33.431	ng	96
19) n-Nitroso-di-n-propylamine	8.92	70	138415	33.977	ng	97
20) 3+4-Methylphenols	8.88	107	207374	36.428	ng	96
22) Acetophenone	8.95	105	262311	37.025	ng	97
24) Nitrobenzene	9.35	77	216718	37.381	ng	98
25) Isophorone	9.86	82	395646	36.544	ng	100
26) 2-Nitrophenol	10.05	139	91647	38.345	ng	# 83
27) 2,4-Dimethylphenol	10.09	122	164791	41.747	ng	96
28) bis(2-Chloroethoxy)methane	10.34	93	209275	35.814	ng	99
29) 2,4-Dichlorophenol	10.58	162	185064	36.919	ng	97
30) 1,2,4-Trichlorobenzene	10.80	180	202301	35.477	ng	98
31) Naphthalene	11.00	128	495336	36.529	ng	99
32) Benzoic acid	10.19	122	53650	22.649	ng	94
33) 4-Chloroaniline	11.10	127	73428	11.671	ng	97
34) Hexachlorobutadiene	11.26	225	147355	33.772	ng	99
35) Caprolactam	11.89	113	56030	33.849	ng	97
36) 4-Chloro-3-methylphenol	12.21	107	203548	35.556	ng	97
37) 2-Methylnaphthalene	12.59	142	372056	35.625	ng	100
38) 1-Methylnaphthalene	12.81	142	357215	36.297	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.95	216	271005	37.172	ng	99

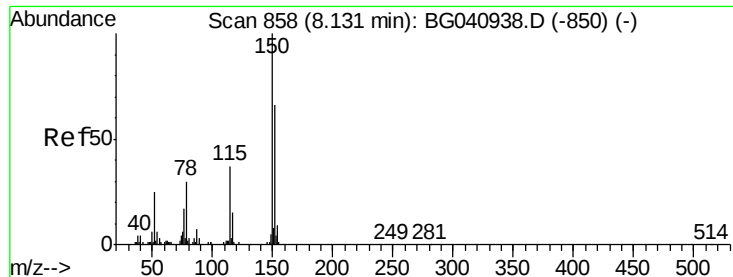
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.92	237	290080	74.634	nq	97
43) 2,4,6-Trichlorophenol	13.18	196	176865	37.500	nq	98
44) 2,4,5-Trichlorophenol	13.26	196	185149	37.223	nq	98
46) 1,1'-Biphenyl	13.59	154	503125	37.577	nq	99
47) 2-Chloronaphthalene	13.64	162	413012	35.931	nq	96
48) 2-Nitroaniline	13.84	65	143701	34.848	nq	96
49) Acenaphthylene	14.48	152	632294	36.549	nq	100
50) Dimethylphthalate	14.20	163	690085	45.069	nq	99
51) 2,6-Dinitrotoluene	14.33	165	119796	36.287	nq	96
52) Acenaphthene	14.82	154	372268	35.521	nq	96
53) 3-Nitroaniline	14.66	138	67382	20.411	nq	99
54) 2,4-Dinitrophenol	14.86	184	104465	66.024	nq	96
55) Dibenzofuran	15.15	168	642237	36.419	nq	100
56) 4-Nitrophenol	14.96	139	177055	78.192	nq	91
57) 2,4-Dinitrotoluene	15.12	165	169684	36.386	nq	99
58) Fluorene	15.80	166	499876	35.594	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.37	232	186320	38.116	nq	98
60) Diethylphthalate	15.55	149	541963	34.683	nq	99
61) 4-Chlorophenyl-phenylether	15.78	204	321500	35.220	nq	97
62) 4-Nitroaniline	15.83	138	113052	32.347	nq	94
63) Azobenzene	16.07	77	508532	35.806	nq	97
65) 4,6-Dinitro-2-methylphenol	15.87	198	90332	40.007	nq	97
66) n-Nitrosodiphenylamine	16.00	169	457126	36.912	nq	98
67) 4-Bromophenyl-phenylether	16.68	248	206196	34.683	nq	98
68) Hexachlorobenzene	16.79	284	211060	33.339	nq	98
69) Atrazine	16.94	200	192161	40.214	nq	98
70) Pentachlorophenol	17.14	266	246914	73.189	nq	98
71) Phenanthrene	17.54	178	831590	36.240	nq	99
72) Anthracene	17.63	178	855656	37.807	nq	99
73) Carbazole	17.90	167	732574	37.724	nq	99
74) Di-n-butylphthalate	18.44	149	855996	35.466	nq	99
75) Fluoranthene	19.54	202	1045321	36.881	nq	100
77) Benzidine	19.72	184	202082	20.035	nq	96
78) Pyrene	19.90	202	1047584	38.114	nq	98
80) Butylbenzylphthalate	20.77	149	393625	36.801	nq	98
81) Benzo(a)anthracene	21.76	228	1013307	36.003	nq	99
82) 3,3'-Dichlorobenzidine	21.67	252	188590	19.051	nq	99
83) Chrysene	21.83	228	999433	37.107	nq	99
84) Bis(2-ethylhexyl)phthalate	21.63	149	535558	35.568	nq	100
85) Di-n-octyl phthalate	22.87	149	909566	36.271	nq	99
86) Indeno(1,2,3-cd)pyrene	28.95	276	1209163	36.649	nq	# 99
88) Benzo(b)fluoranthene	24.05	252	1040378	38.220	nq	100
89) Benzo(k)fluoranthene	24.12	252	996689	37.001	nq	99
90) Benzo(a)pyrene	24.96	252	1006812	38.767	nq	96
91) Dibenzo(a,h)anthracene	29.02	278	984742	37.947	nq	98
92) Benzo(g,h,i)perylene	30.16	276	995795	39.498	nq	99

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.12 min Scan# 856

Delta R.T. -0.01 min

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Acq: 1 Jun 2019 16:48

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ClientSampleId :

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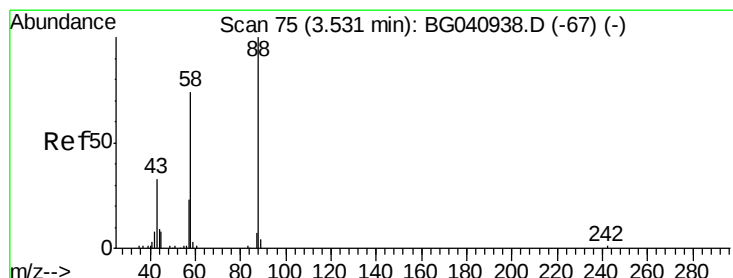
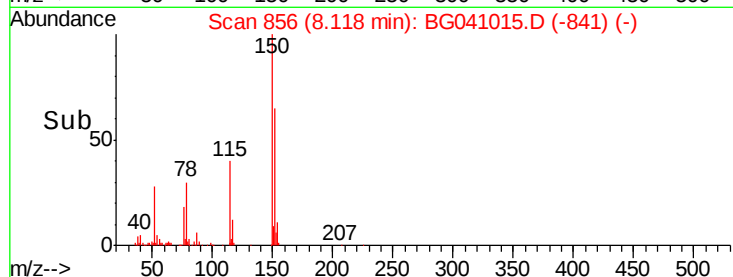
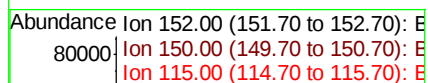
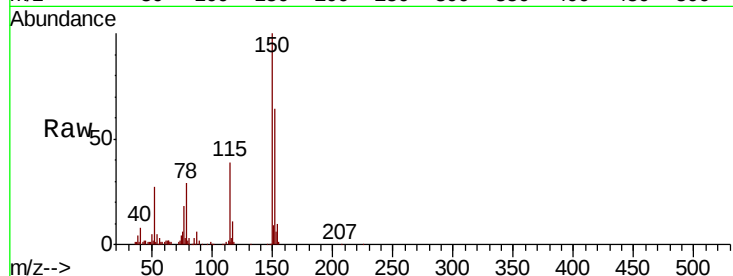
Tot Ion:152 Resp: 61809

Ion Ratio Lower Upper

152 100

150 156.6 120.6 180.8

115 61.0 45.1 67.7



#2

1,4-Dioxane

Concen: 29.203 ng

RT: 3.52 min Scan# 73

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

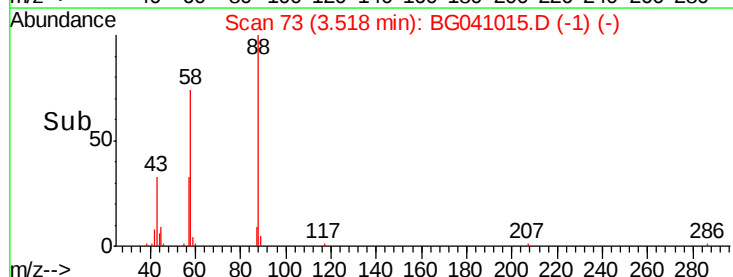
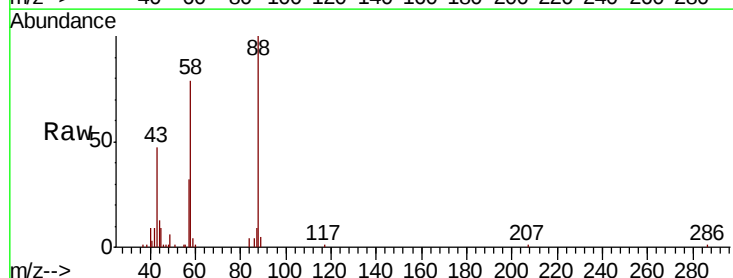
Tgt Ion: 88 Resp: 45423

Ion Ratio Lower Upper

88 100

58 79.4 59.0 88.6

43 39.4 27.2 40.8





#3

Pvridine

Concen: 22.976 ng

RT: 3.93 min Scan# 143

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

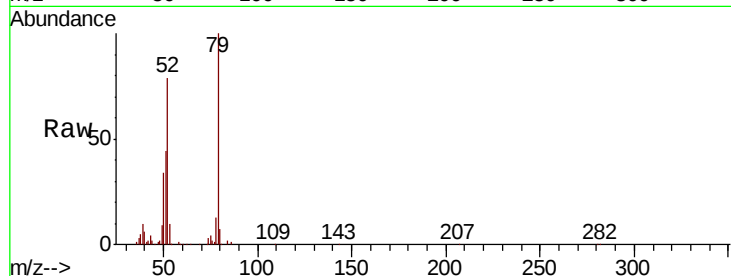
Tot Ion: 79 Resp: 105745

Ion Ratio Lower Upper

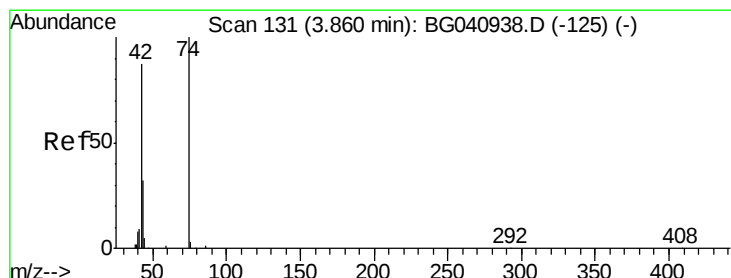
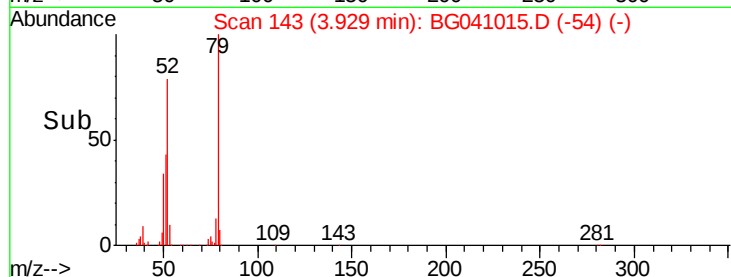
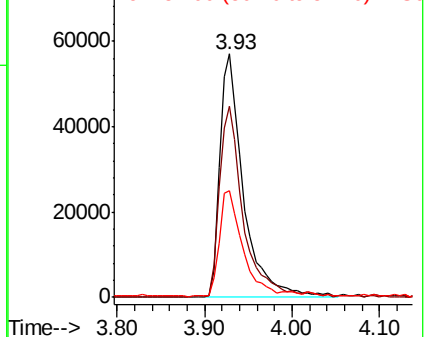
79 100

52 78.5 64.8 97.2

51 44.0 35.3 52.9



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: 38.166 ng

RT: 3.85 min Scan# 129

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

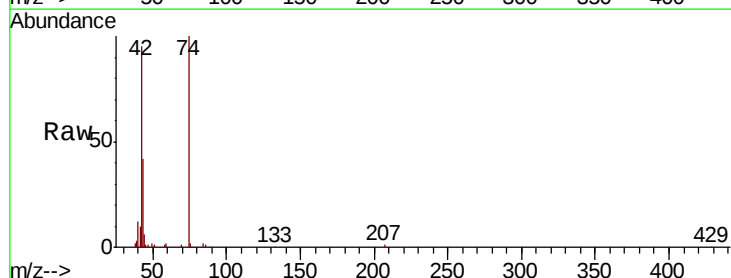
Tgt Ion: 42 Resp: 81524

Ion Ratio Lower Upper

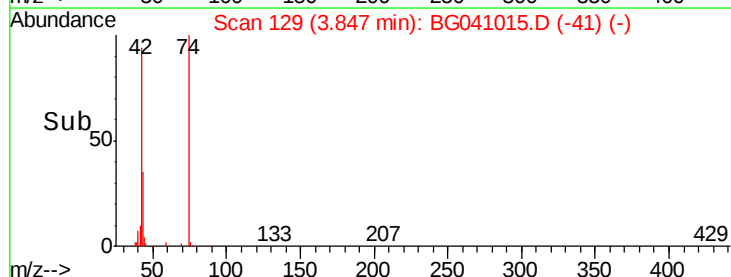
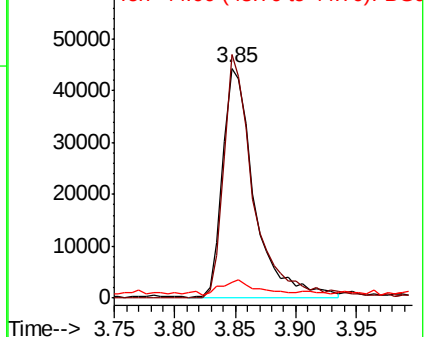
42 100

74 105.8 91.8 137.6

44 6.7 6.0 9.0



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: 137.529 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

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ClientSampleId :

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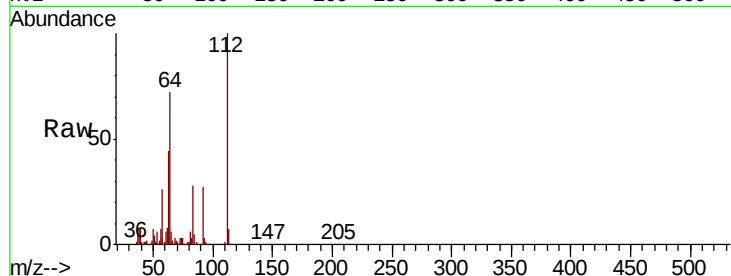
Tot Ion:112 Resp: 471410

Ion Ratio Lower Upper

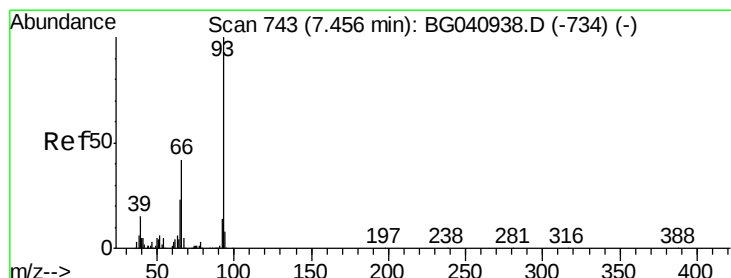
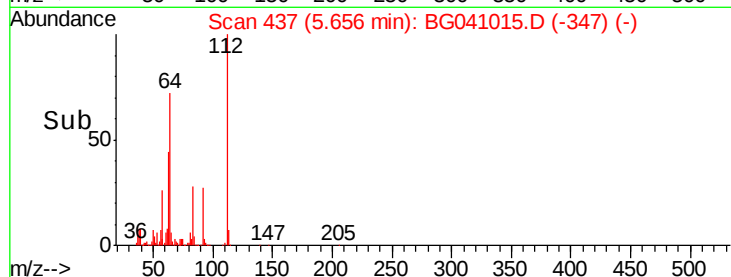
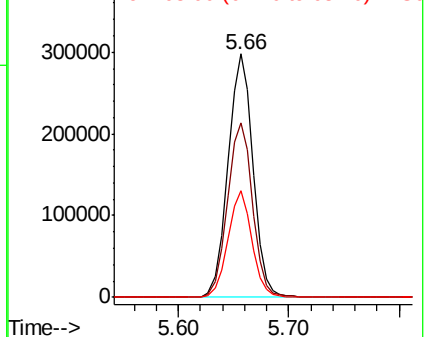
112 100

64 71.7 56.2 84.2

63 44.0 32.8 49.2



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: 16.574 ng

RT: 7.44 min Scan# 741

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

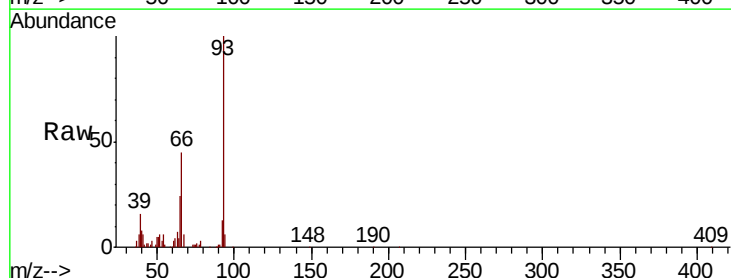
Tgt Ion: 93 Resp: 117111

Ion Ratio Lower Upper

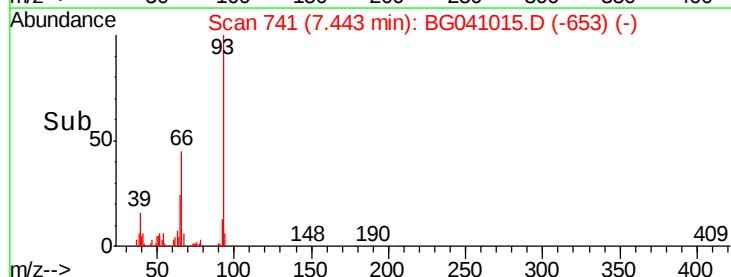
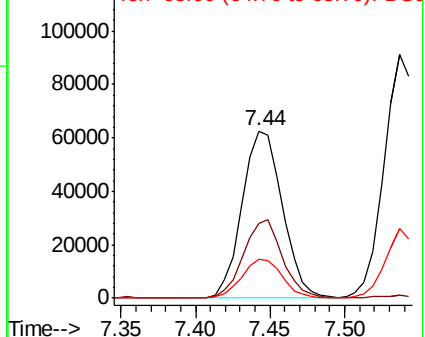
93 100

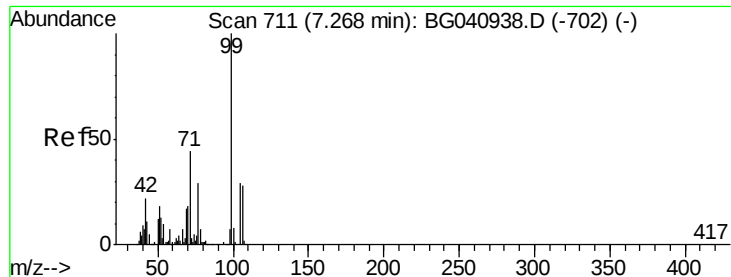
66 44.9 33.8 50.8

65 23.6 18.3 27.5



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: 129.262 ng

RT: 7.27 min Scan# 711

Delta R.T. -0.00 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

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ClientSampleId :

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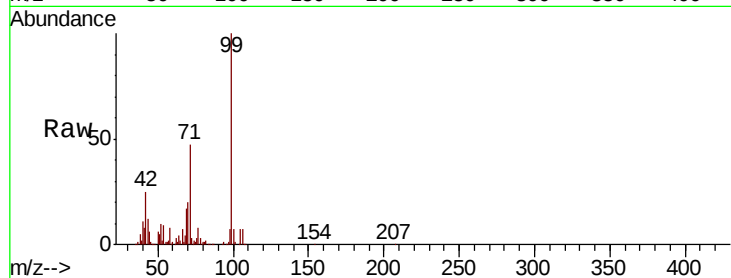
Tot Ion: 99 Resp: 684280

Ion Ratio Lower Upper

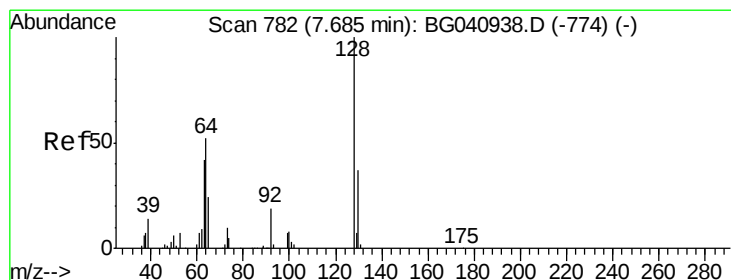
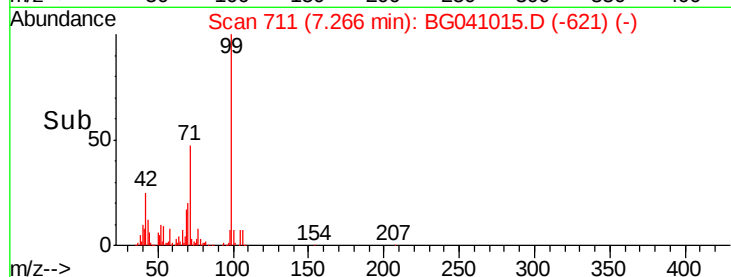
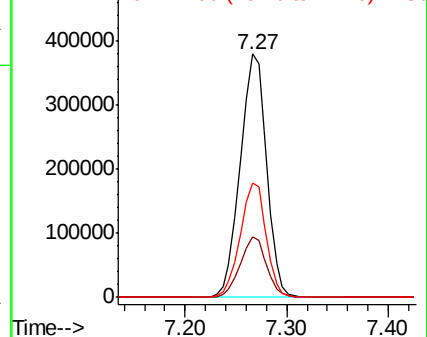
99 100

42 24.8 17.9 26.9

71 47.1 35.4 53.0



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: 38.014 ng

RT: 7.68 min Scan# 781

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

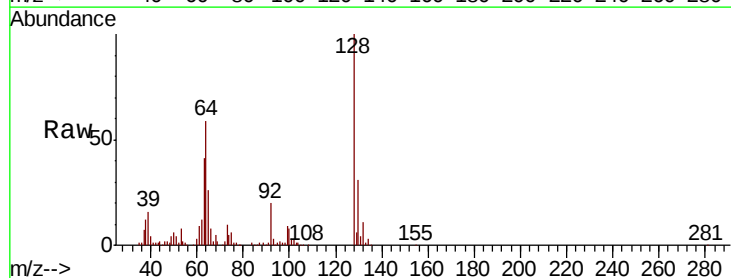
Tgt Ion:128 Resp: 155345

Ion Ratio Lower Upper

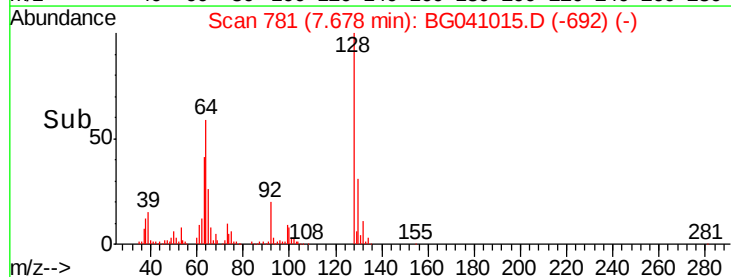
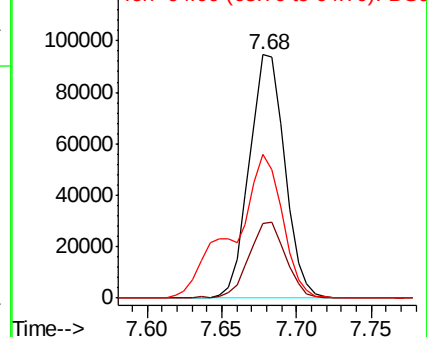
128 100

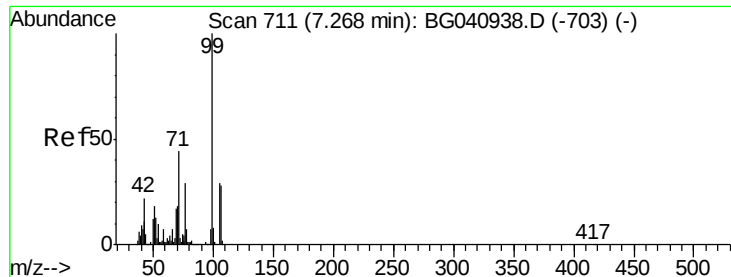
130 30.9 16.6 56.6

64 59.1 37.8 77.8



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





#9

Benzaldehyde

Concen: 23.195 ng

RT: 7.25 min Scan# 709

Delta R.T. -0.01 min

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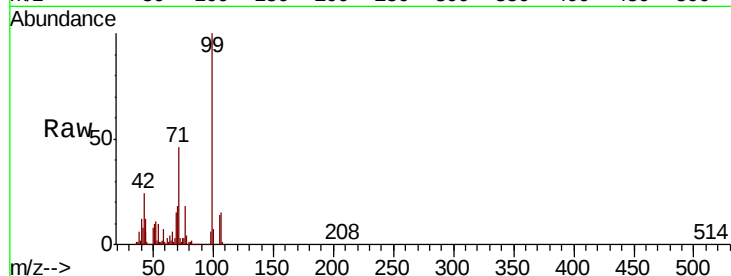
Tot Ion: 77 Resp: 73248

Ion Ratio Lower Upper

77 100

105 81.5 78.9 118.9

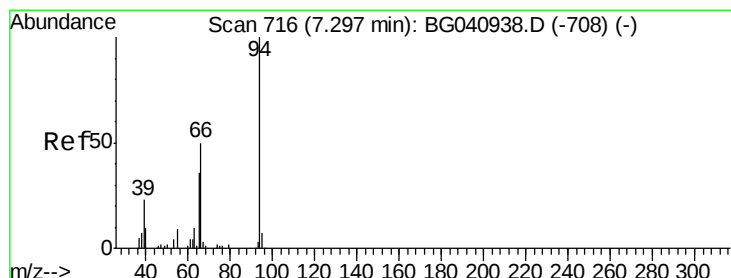
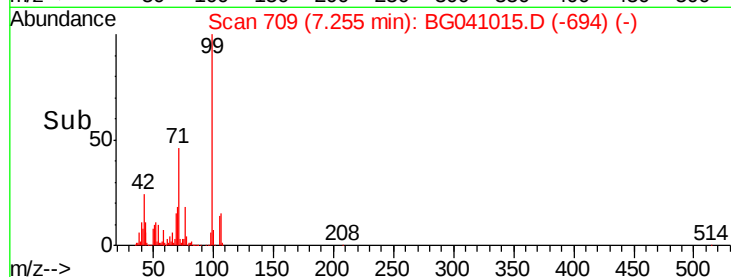
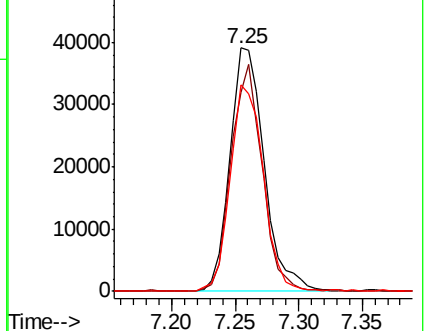
106 85.0 76.7 116.7



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: 37.943 ng

RT: 7.30 min Scan# 716

Delta R.T. -0.00 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

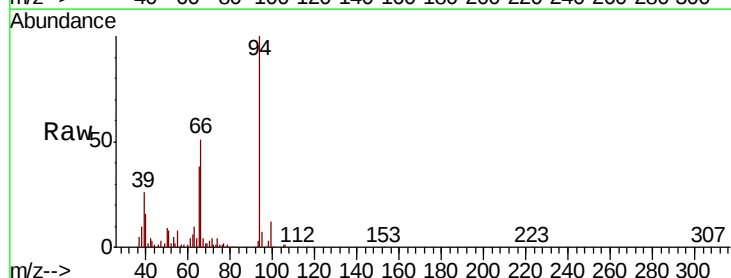
Tgt Ion: 94 Resp: 215365

Ion Ratio Lower Upper

94 100

65 37.7 17.0 57.0

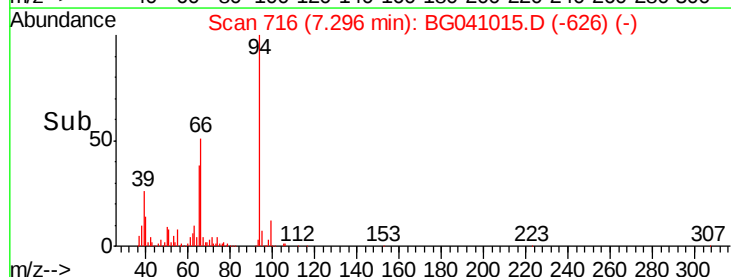
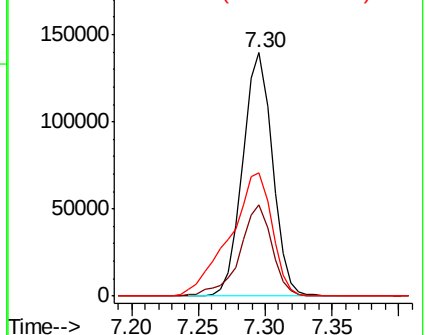
66 50.7 32.4 72.4

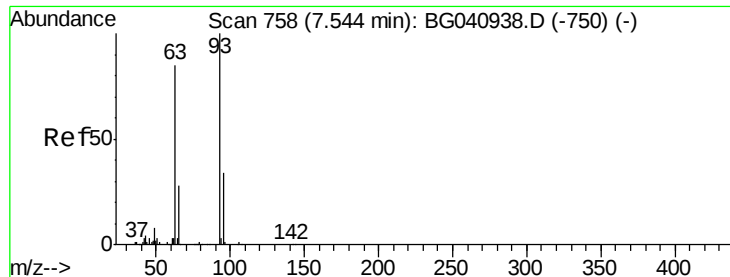


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

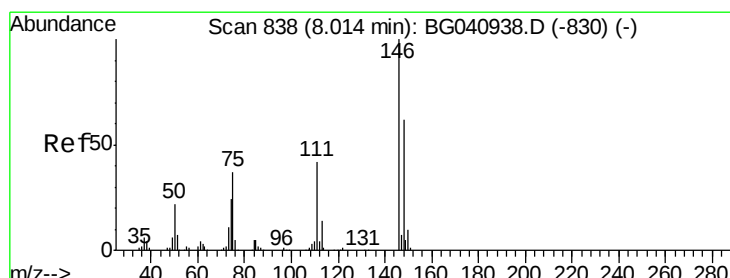
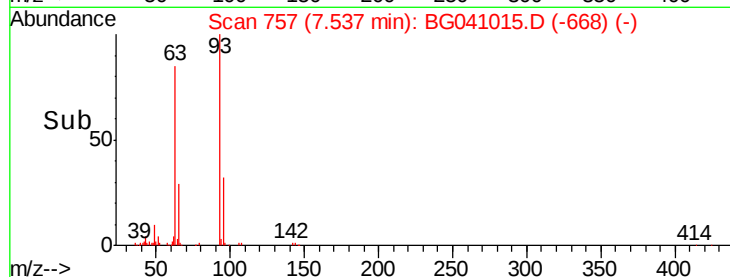
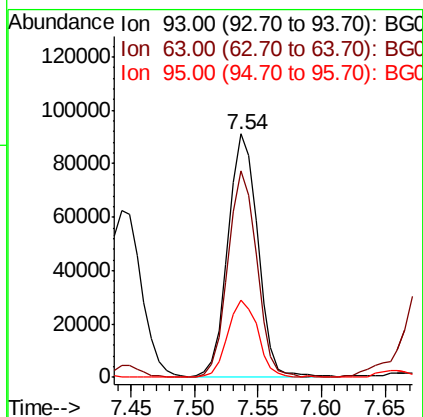
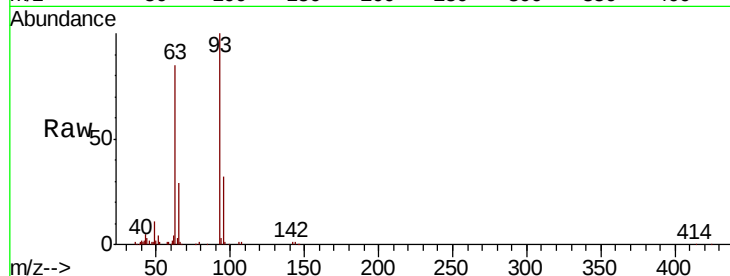




#11
bis(2-Chloroethyl)ether
Concen: 36.080 ng
RT: 7.54 min Scan# 757
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

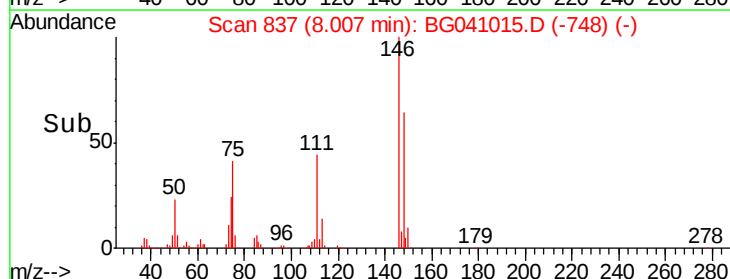
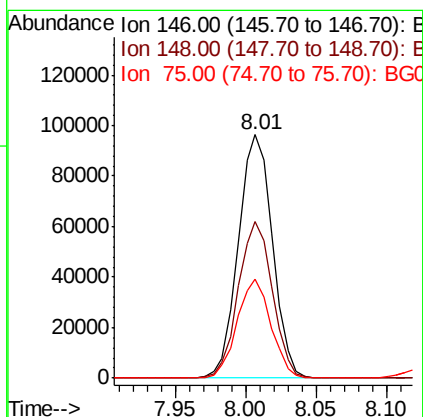
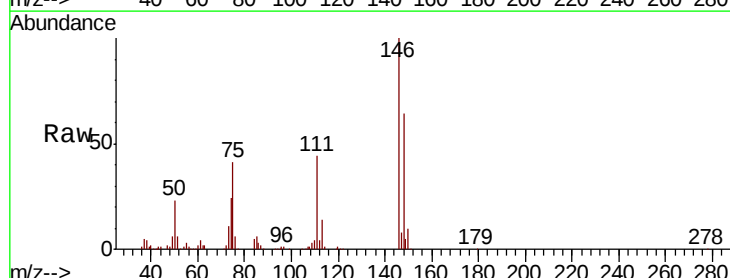
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

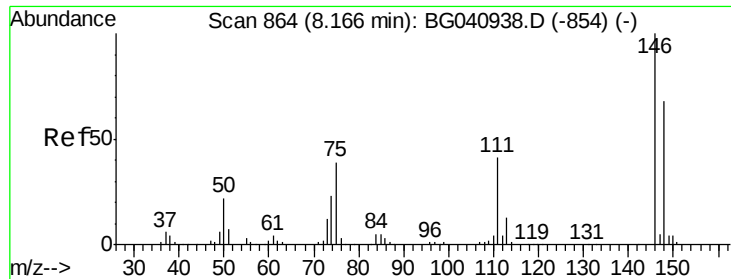
Tot Ion: 93 Resp: 148564
Ion Ratio Lower Upper
93 100
63 85.0 64.5 104.5
95 31.9 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 33.356 ng
RT: 8.01 min Scan# 837
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Tgt Ion: 146 Resp: 162801
Ion Ratio Lower Upper
146 100
148 64.3 49.2 73.8
75 40.8 29.4 44.0

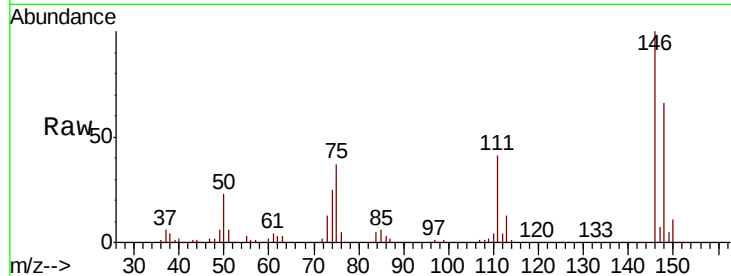




#13
 1,4-Dichlorobenzene
 Concen: 34.288 ng
 RT: 8.16 min Scan# 863
 Delta R.T. -0.01 min
 Lab File: BG041015.D
 Acq: 1 Jun 2019 16:48

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	66.5	54.2	81.4
111	41.0	32.9	49.3

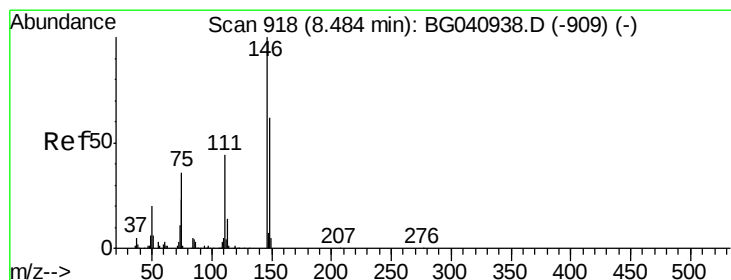
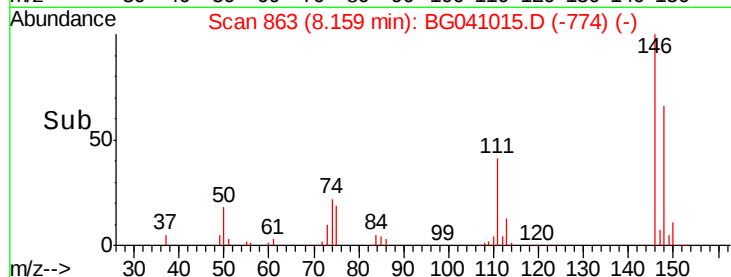
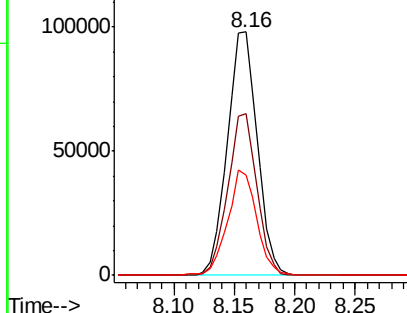


Abundance

Ion 146.00 (145.70 to 146.70): E

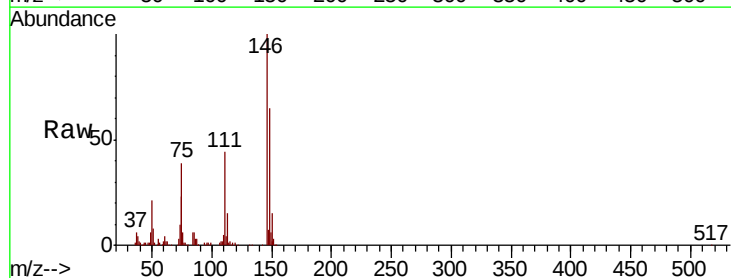
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 33.520 ng
 RT: 8.48 min Scan# 917
 Delta R.T. -0.01 min
 Lab File: BG041015.D
 Acq: 1 Jun 2019 16:48

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.7	49.8	74.6
111	43.8	35.0	52.4

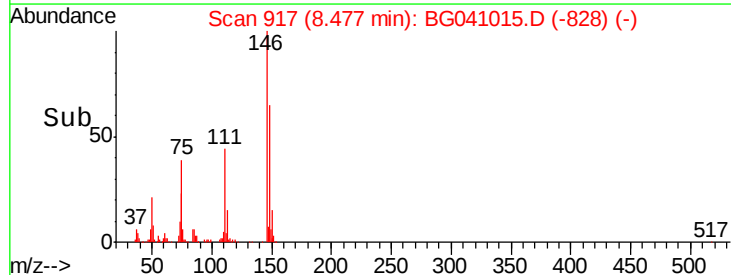
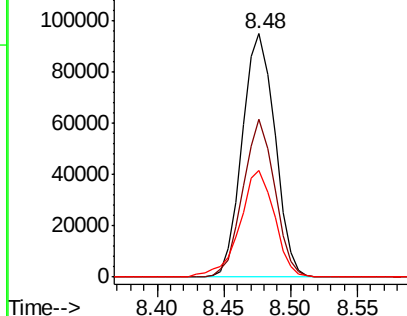


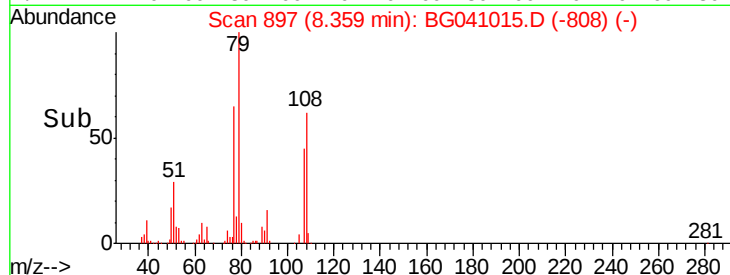
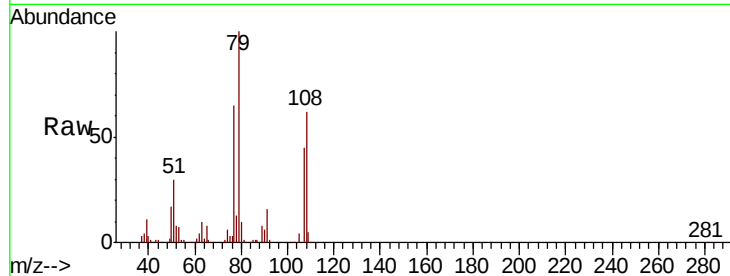
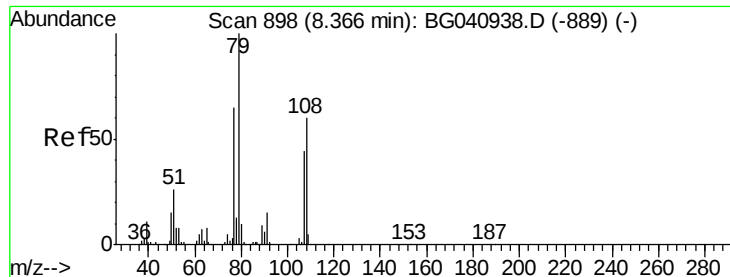
Abundance

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: 36.630 ng

RT: 8.36 min Scan# 897

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

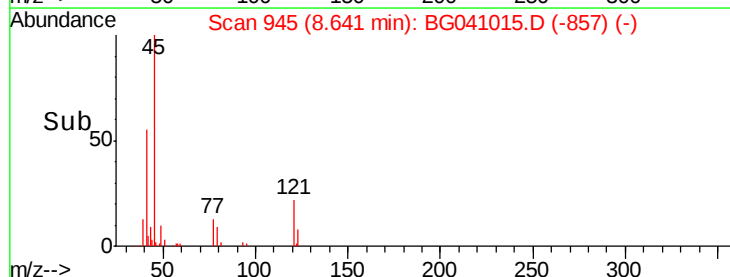
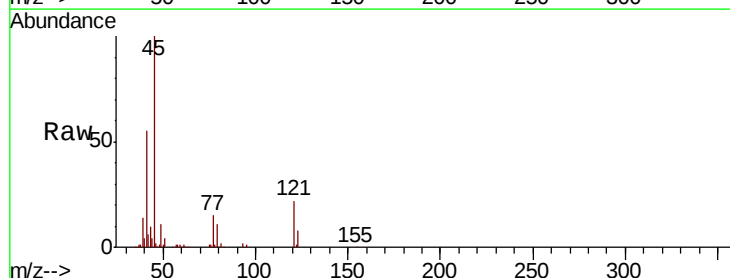
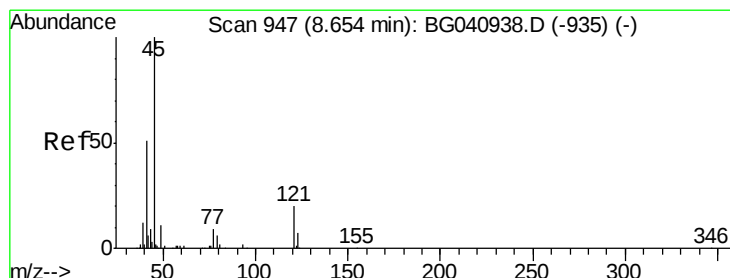
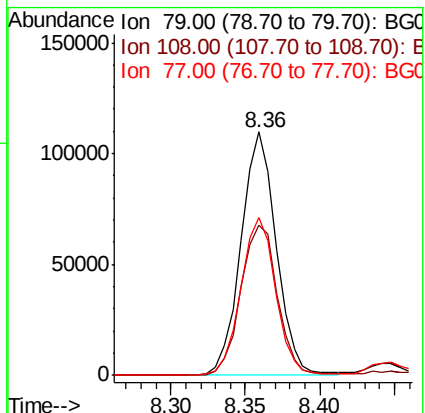
Tot Ion: 79 Resp: 179374

Ion Ratio Lower Upper

79 100

108 61.8 48.3 72.5

77 64.7 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 34.245 ng

RT: 8.64 min Scan# 945

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

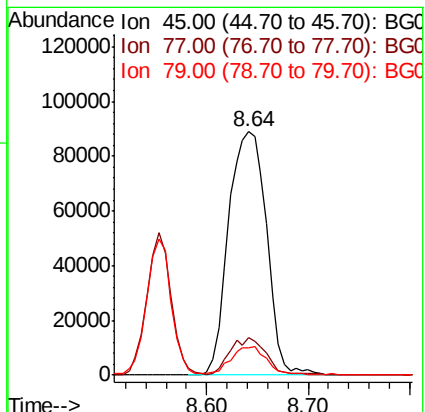
Tgt Ion: 45 Resp: 230416

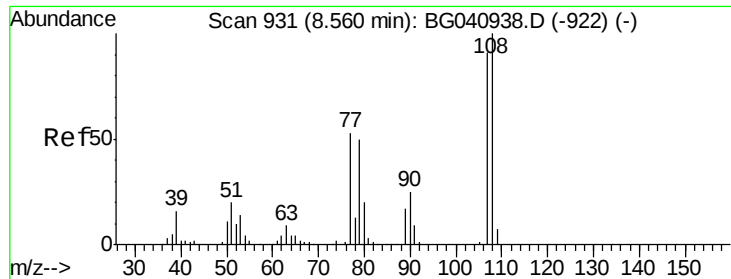
Ion Ratio Lower Upper

45 100

77 15.3 0.0 33.7

79 11.0 0.0 30.2

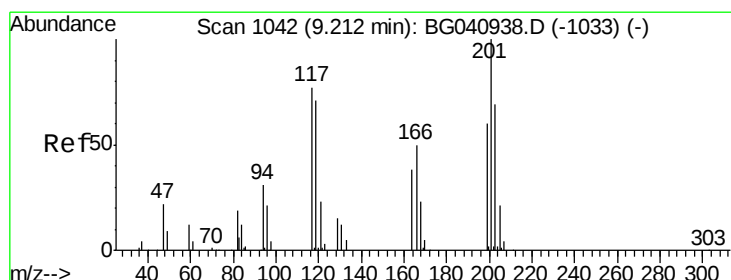
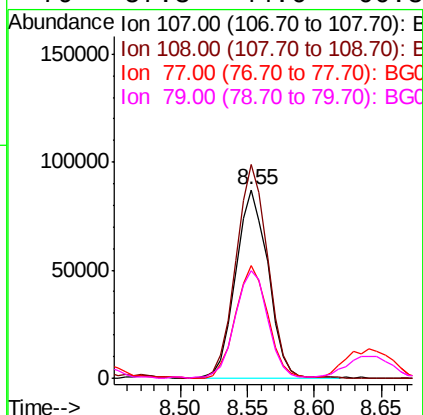
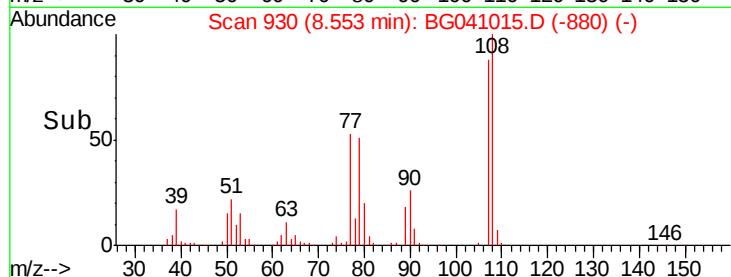
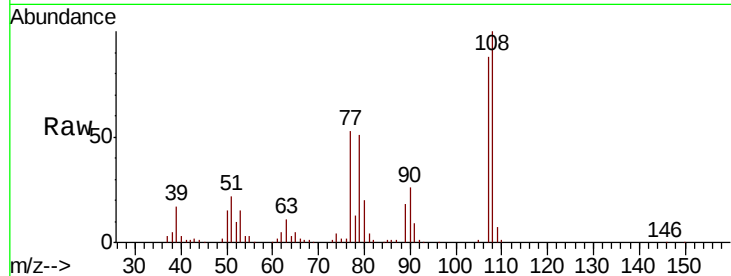




#17
2-Methylphenol
Concen: 35.757 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

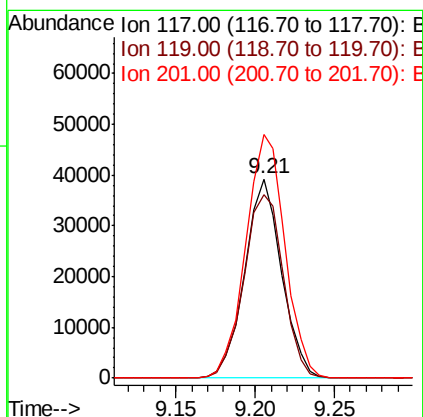
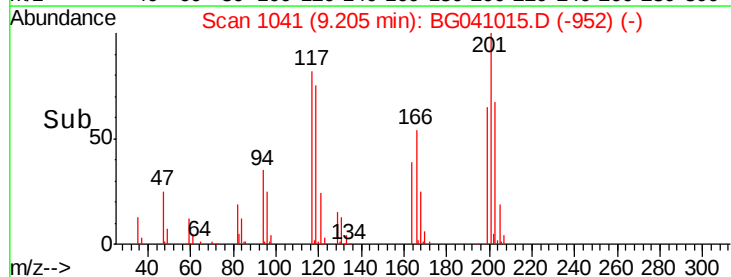
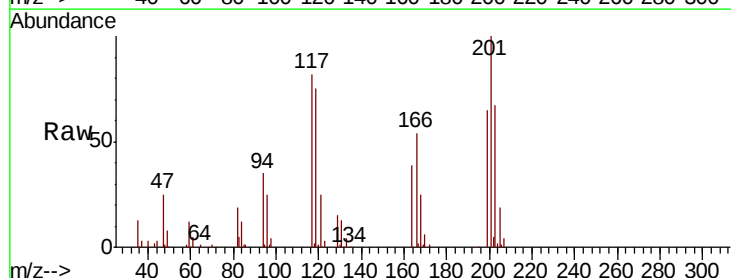
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

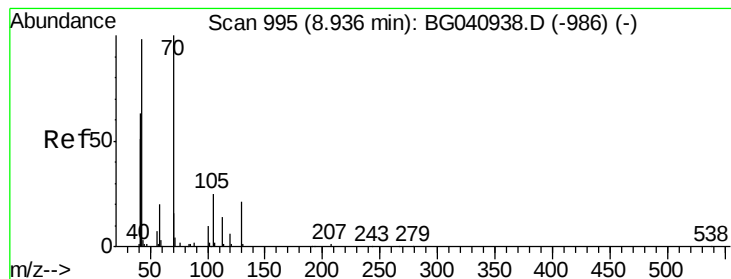
Tot Ion	Ratio	Lower	Upper
107	100		
108	113.3	87.7	131.5
77	59.6	46.6	70.0
79	57.3	44.6	66.8



#18
Hexachloroethane
Concen: 33.431 ng
RT: 9.21 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Tgt Ion	Ratio	Lower	Upper
117	100		
119	92.1	75.0	112.6
201	122.1	103.5	155.3





#19

n-Nitroso-di-n-propylamine

Concen: 33.977 ng

RT: 8.92 min Scan# 993

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion: 70 Resp: 138415

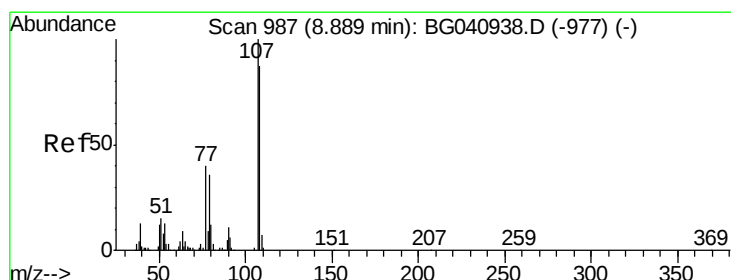
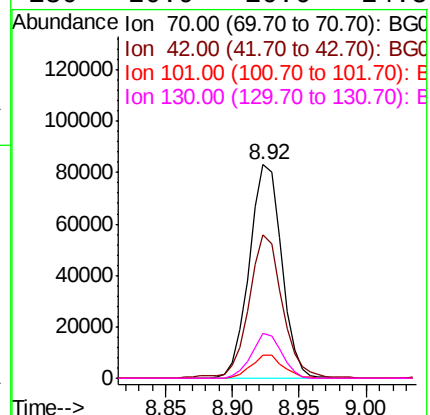
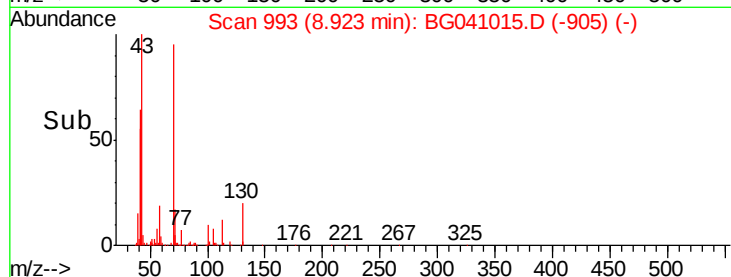
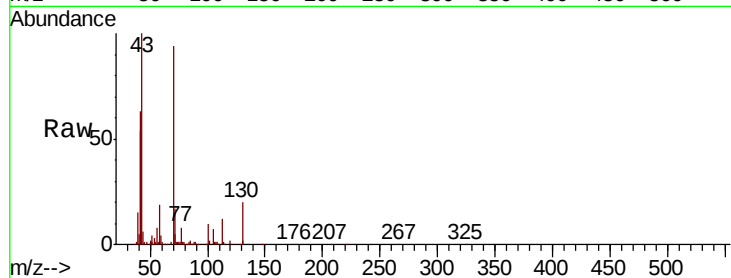
Ion Ratio Lower Upper

70 100

42 67.2 51.5 77.3

101 11.0 8.1 12.1

130 20.9 16.6 24.8



#20

3+4-Methylphenols

Concen: 36.428 ng

RT: 8.88 min Scan# 986

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Tgt Ion: 107 Resp: 207374

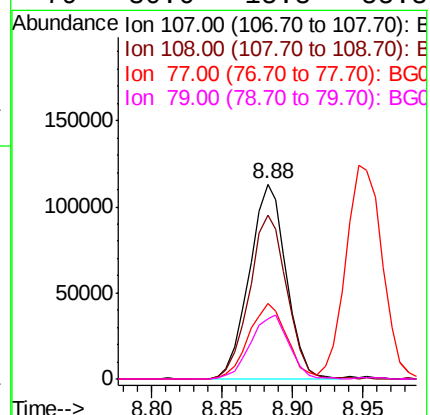
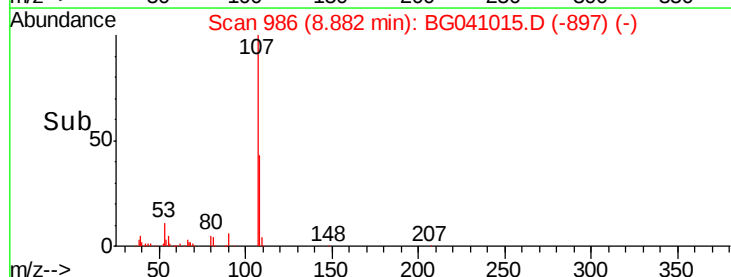
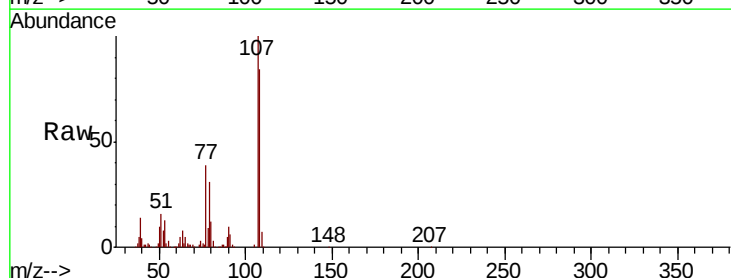
Ion Ratio Lower Upper

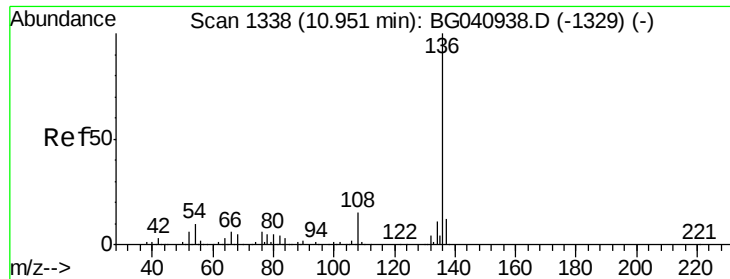
107 100

108 84.2 66.8 106.8

77 38.9 20.5 60.5

79 30.6 15.8 55.8





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.94 min Scan# 1337

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion:136 Resp: 252557

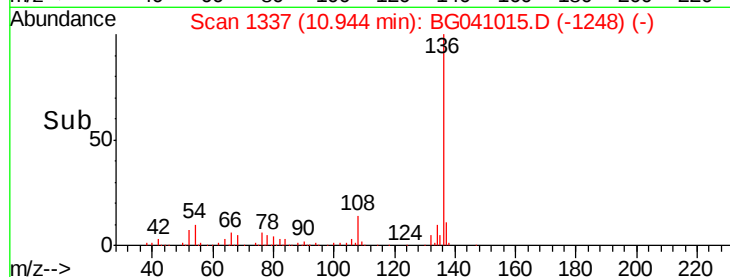
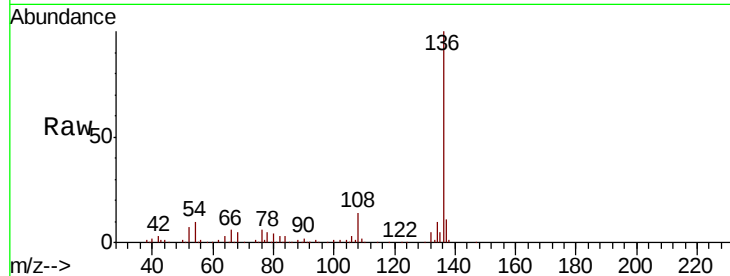
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 10.1 7.6 11.4

68 4.9 3.9 5.9



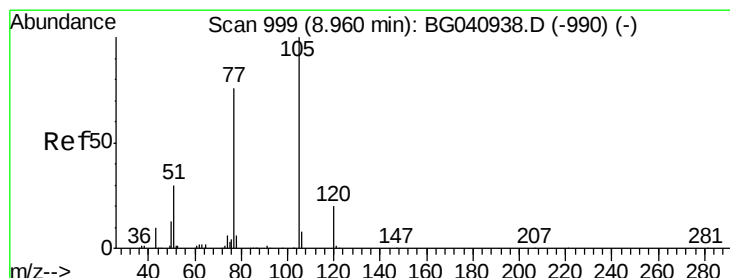
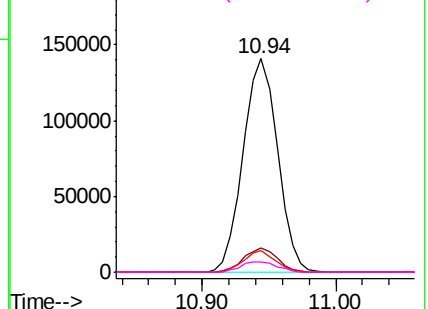
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 37.025 ng

RT: 8.95 min Scan# 998

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Tgt Ion:105 Resp: 262311

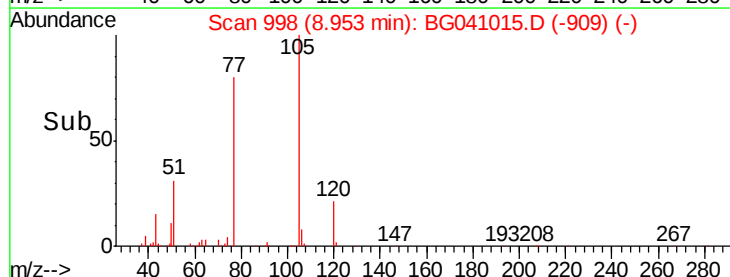
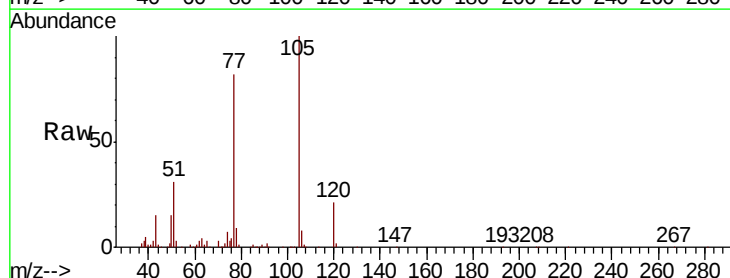
Ion Ratio Lower Upper

105 100

71 0.5 0.4 0.6

51 31.4 27.0 40.6

120 21.4 16.2 24.4



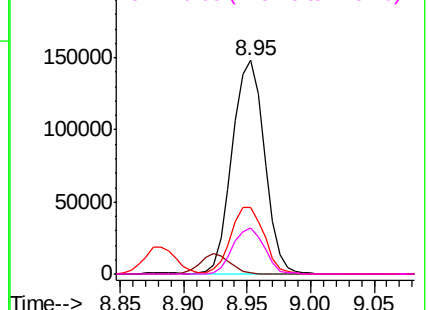
Abundance

Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

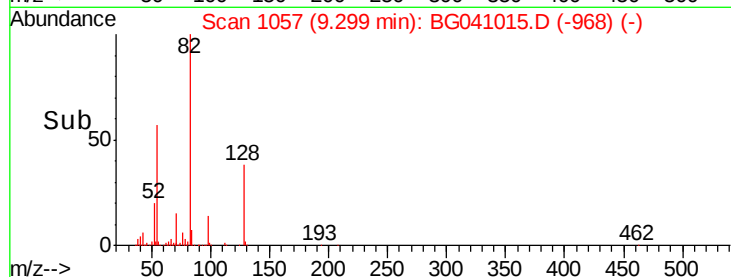
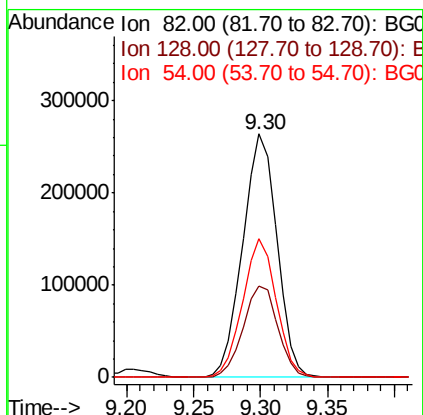
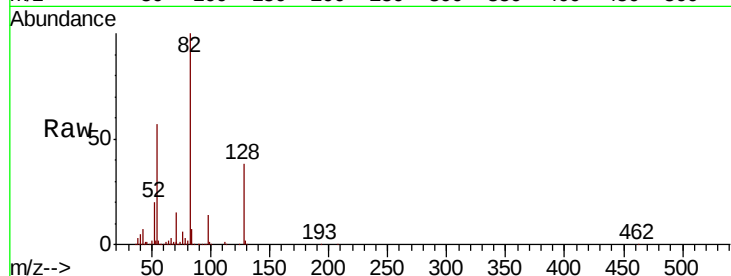




#23
 Nitrobenzene-d5
 Concen: 82.452 ng
 RT: 9.30 min Scan# 1057
 Delta R.T. -0.01 min
 Lab File: BG041015.D
 Acq: 1 Jun 2019 16:48

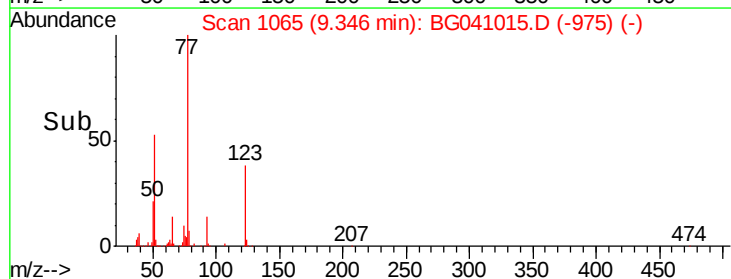
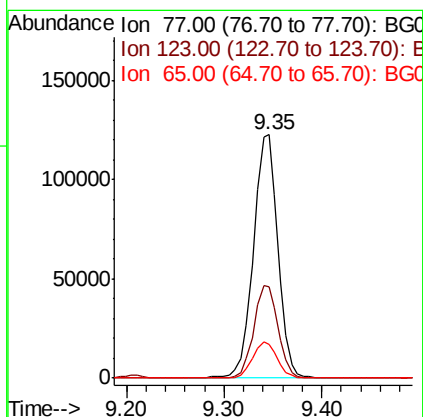
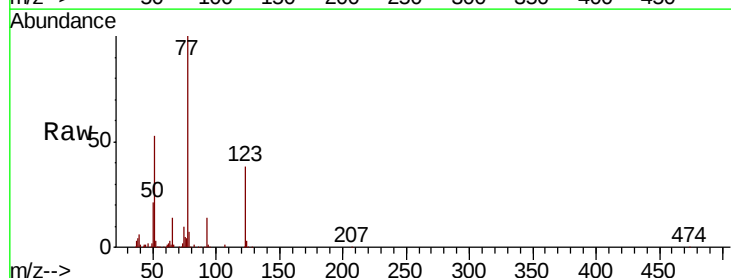
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMS

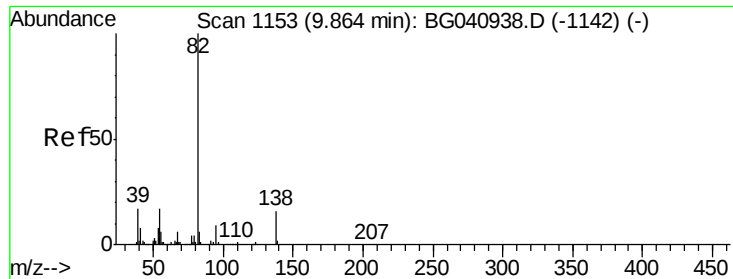
Tot Ion: 82 Resp: 469072
 Ion Ratio Lower Upper
 82 100
 128 37.7 30.5 45.7
 54 57.2 44.6 66.8



#24
 Nitrobenzene
 Concen: 37.381 ng
 RT: 9.35 min Scan# 1065
 Delta R.T. -0.00 min
 Lab File: BG041015.D
 Acq: 1 Jun 2019 16:48

Tgt Ion: 77 Resp: 216718
 Ion Ratio Lower Upper
 77 100
 123 37.7 30.6 46.0
 65 14.1 12.3 18.5

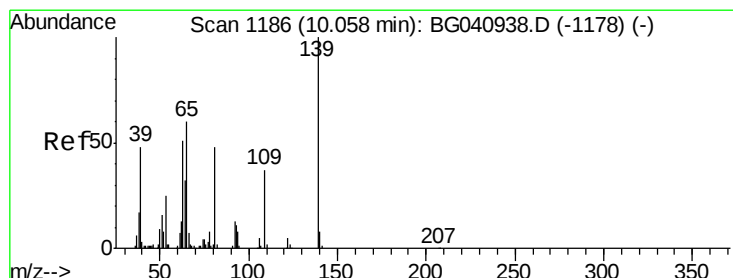
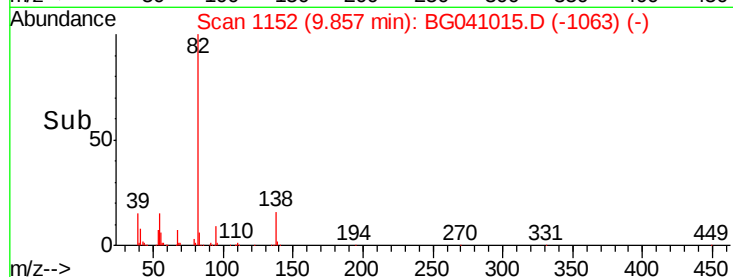
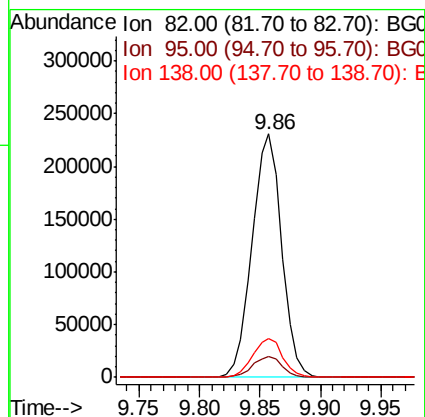
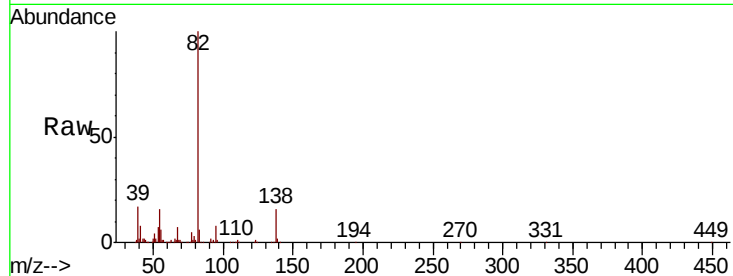




#25
Isophorone
Concen: 36.544 ng
RT: 9.86 min Scan# 1152
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

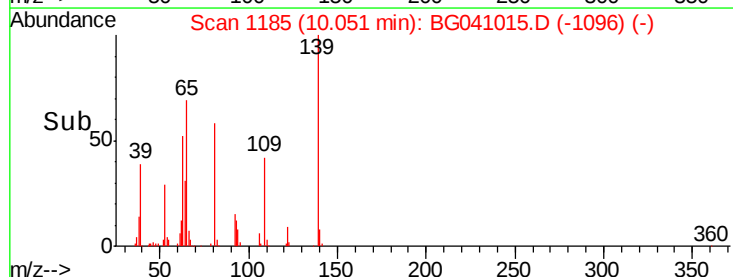
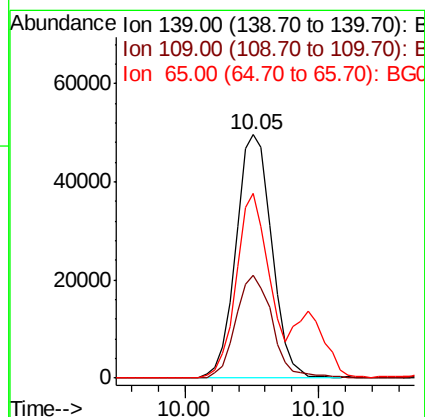
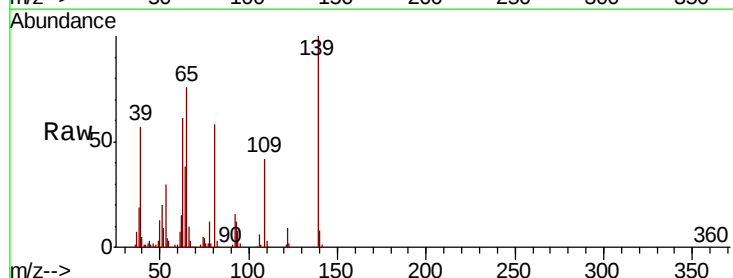
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

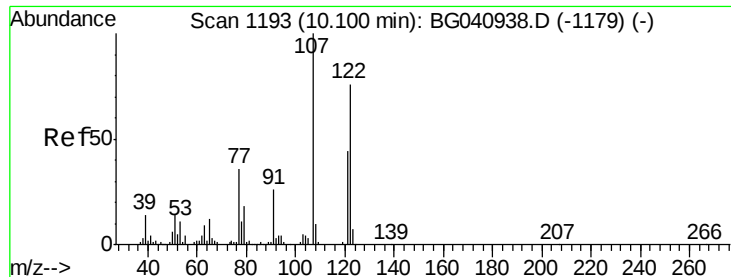
Tot Ion: 82 Resp: 395646
Ion Ratio Lower Upper
82 100
95 8.4 7.0 10.4
138 15.7 12.6 19.0



#26
2-Nitrophenol
Concen: 38.345 ng
RT: 10.05 min Scan# 1185
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Tgt Ion: 139 Resp: 91647
Ion Ratio Lower Upper
139 100
109 42.4 29.8 44.6
65 76.0 47.8 71.6#

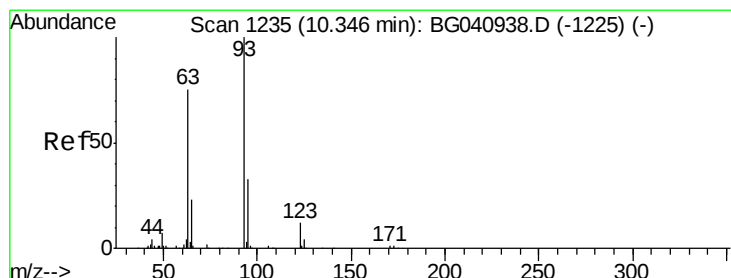
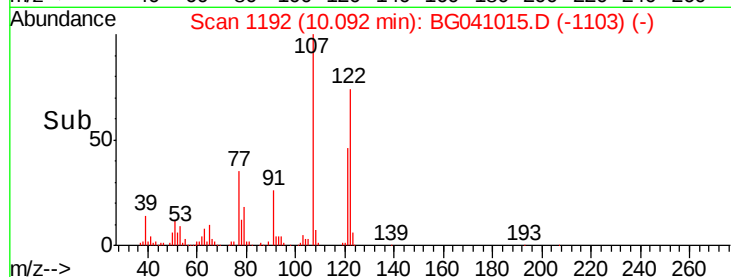
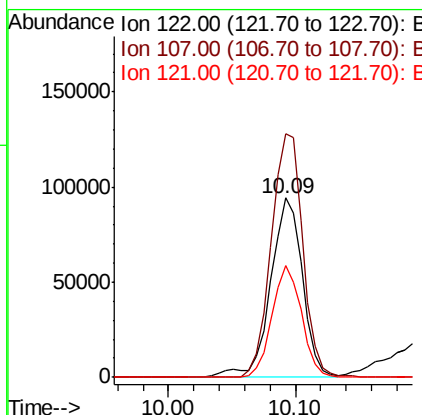
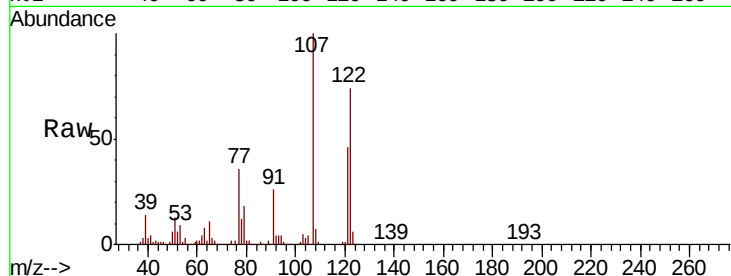




#27
 2,4-Dimethylphenol
 Concen: 41.747 ng
 RT: 10.09 min Scan# 1192
 Delta R.T. -0.01 min
 Lab File: BG041015.D
 Acq: 1 Jun 2019 16:48

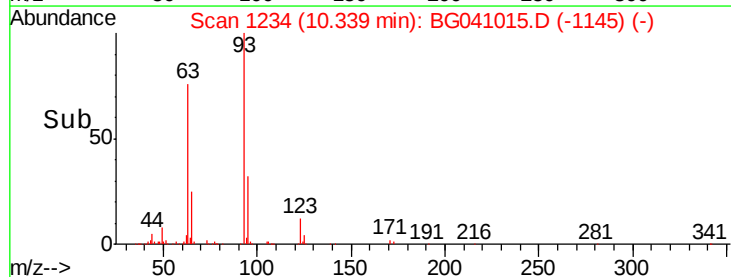
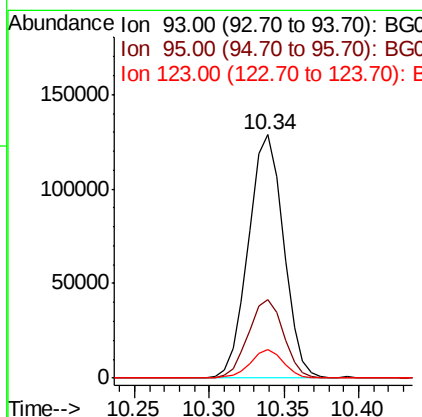
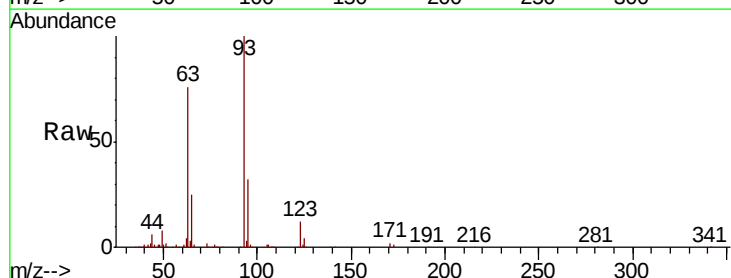
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMS

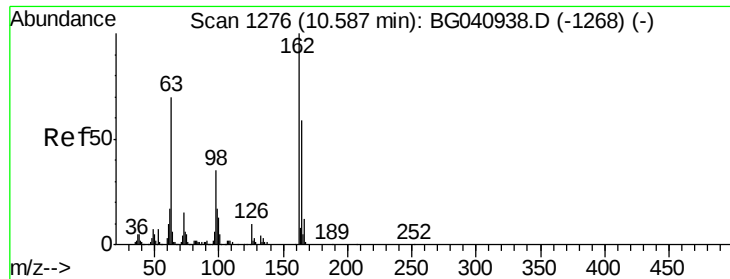
Tot Ion	122	Resp	164791
Ion Ratio	Lower	Upper	
122	100		
107	135.9	105.9	158.9
121	62.3	46.2	69.4



#28
 bis(2-Chloroethoxy)methane
 Concen: 35.814 ng
 RT: 10.34 min Scan# 1234
 Delta R.T. -0.01 min
 Lab File: BG041015.D
 Acq: 1 Jun 2019 16:48

Tgt Ion	93	Resp	209275
Ion Ratio	Lower	Upper	
93	100		
95	32.4	26.2	39.2
123	11.7	9.5	14.3

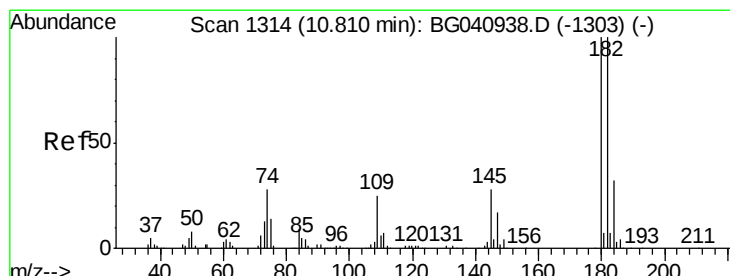
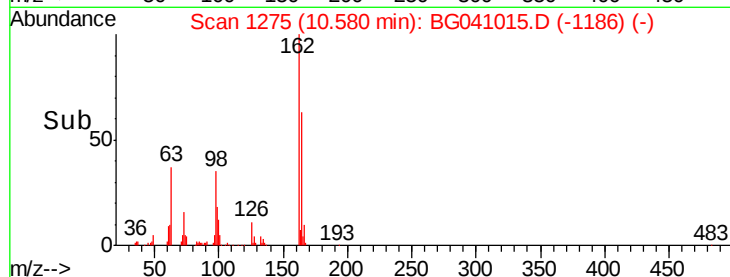
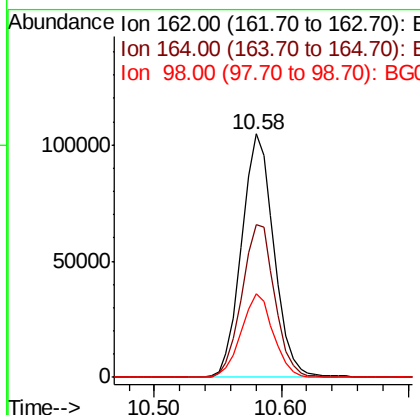
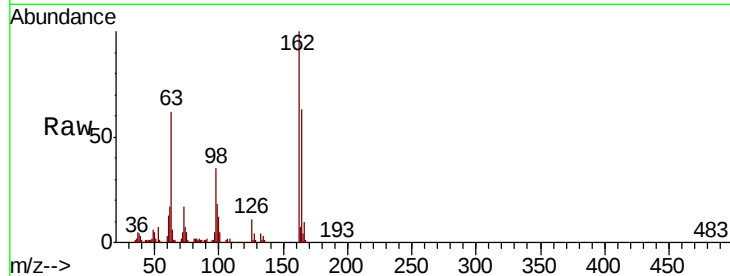




#29
2,4-Dichlorophenol
Concen: 36.919 ng
RT: 10.58 min Scan# 1275
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

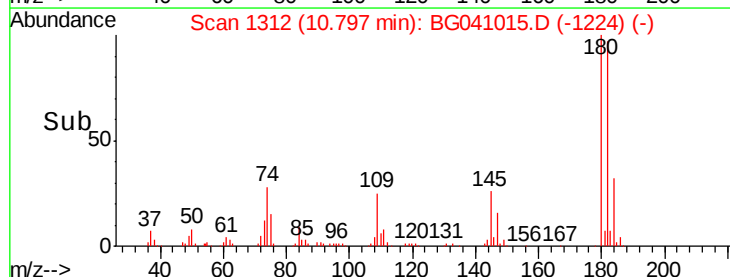
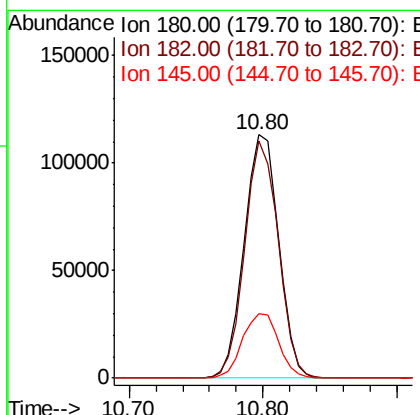
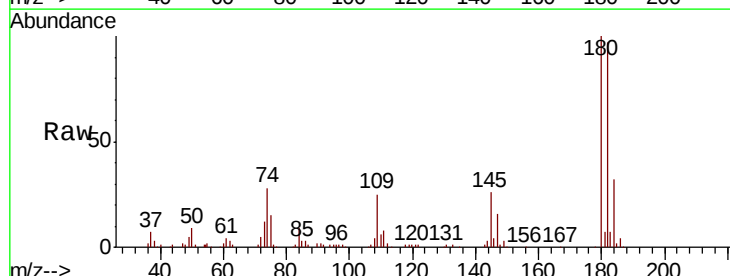
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

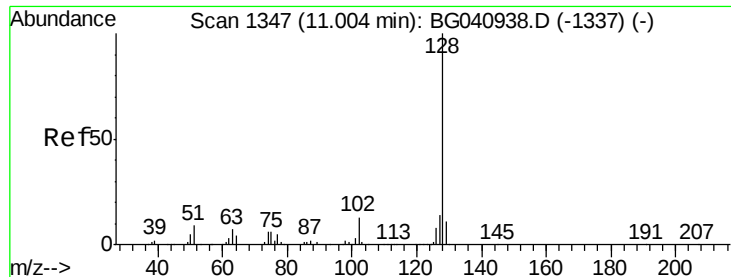
Tot Ion	Ratio	Lower	Upper
162	100		
164	62.9	39.4	79.4
98	34.5	15.3	55.3



#30
1,2,4-Trichlorobenzene
Concen: 35.477 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Tgt Ion	Ratio	Lower	Upper
180	100		
182	97.5	79.7	119.5
145	26.4	22.6	34.0

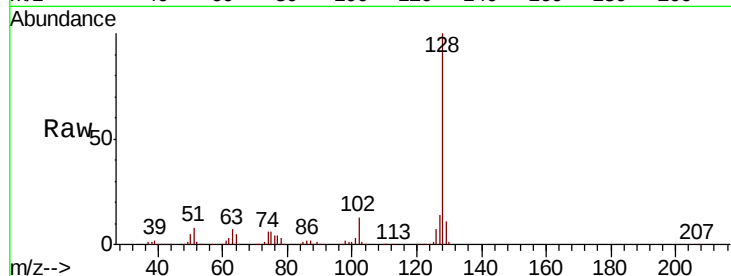




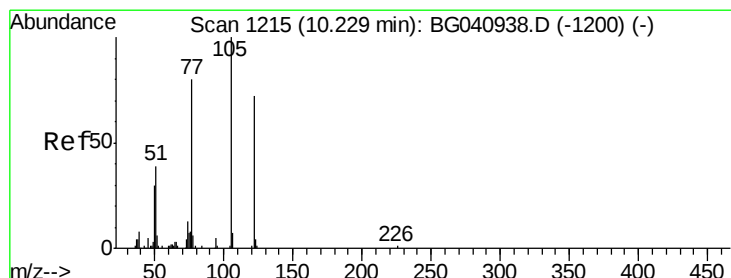
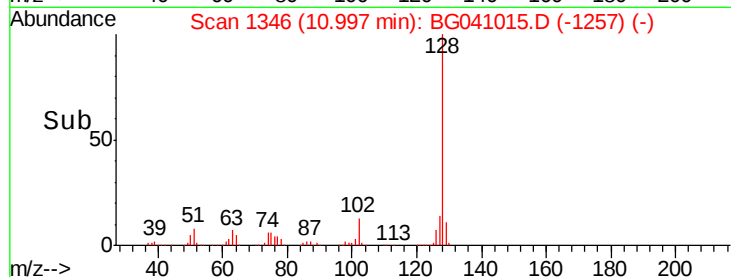
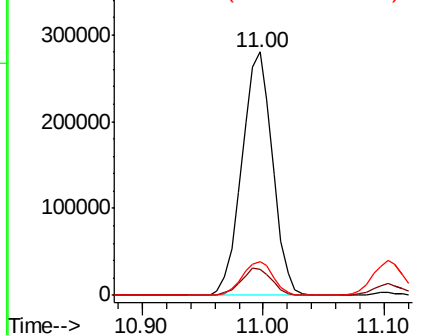
#31
Naphthalene
Concen: 36.529 ng
RT: 11.00 min Scan# 1346
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion:128 Resp: 495336
Ion Ratio Lower Upper
128 100
129 10.8 8.5 12.7
127 13.6 11.4 17.2

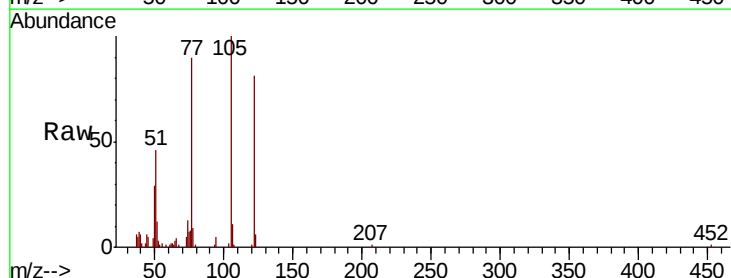


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

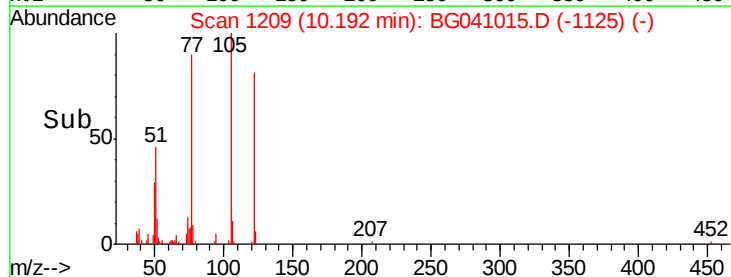
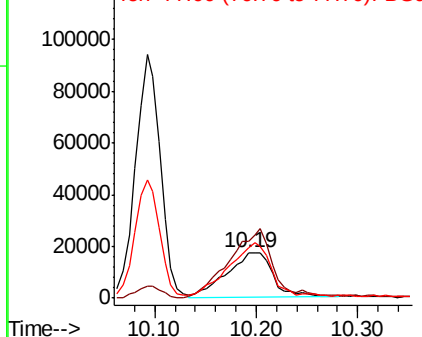


#32
Benzoic acid
Concen: 22.649 ng
RT: 10.19 min Scan# 1209
Delta R.T. -0.04 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Tgt Ion:122 Resp: 53650
Ion Ratio Lower Upper
122 100
105 124.2 114.8 154.8
77 112.0 89.9 129.9



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

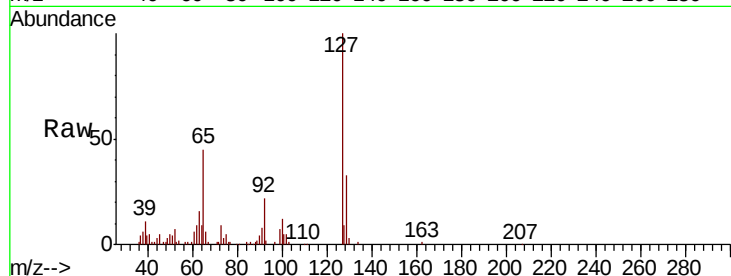




#33
4-Chloroaniline
Concen: 11.671 ng
RT: 11.10 min Scan# 1364
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion	Ion	Ratio	Lower	Upper
127	100			
129	33.4	27.7	41.5	
65	45.0	33.2	49.8	
92	21.9	17.2	25.8	



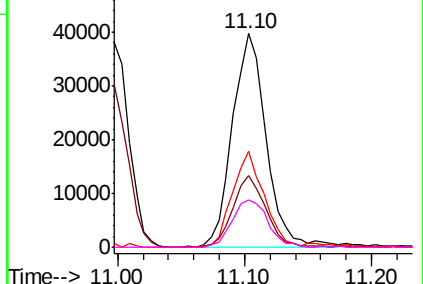
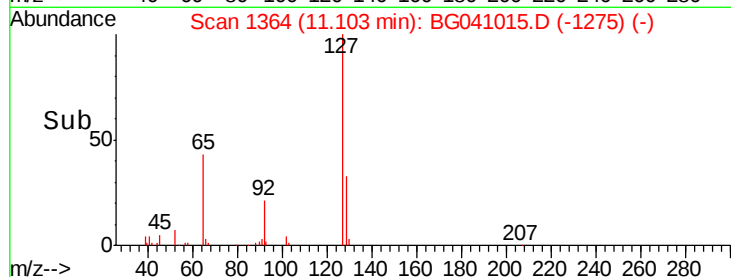
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

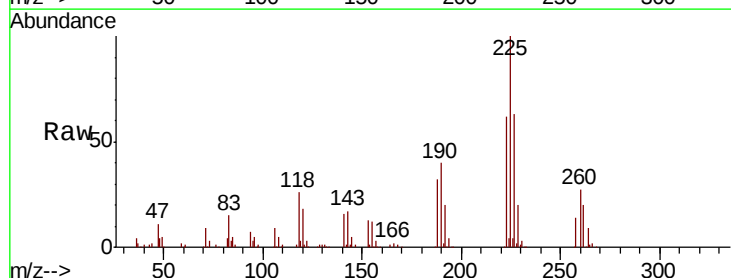
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 33.772 ng
RT: 11.26 min Scan# 1390
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Tgt Ion	Ion	Ratio	Lower	Upper
225	100			
223	61.6	48.8	73.2	
227	65.7	51.4	77.0	

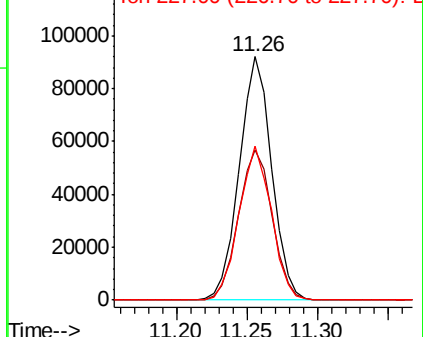
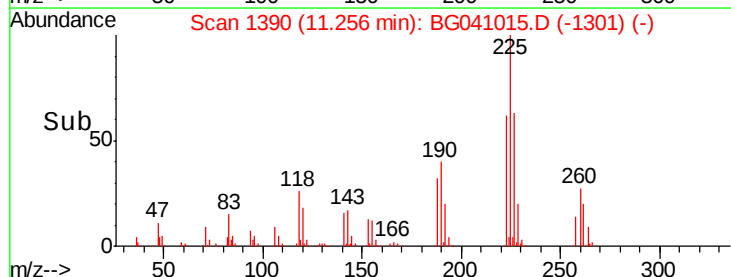


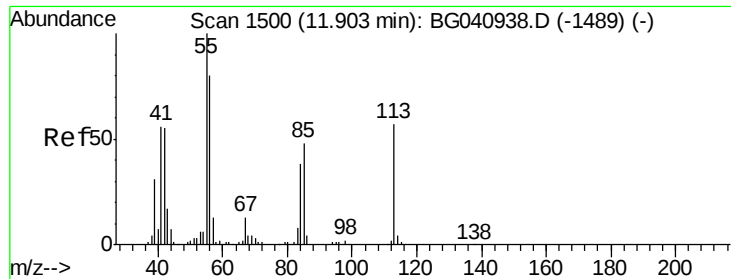
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E

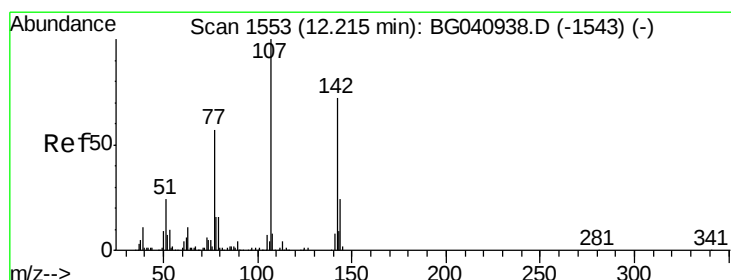
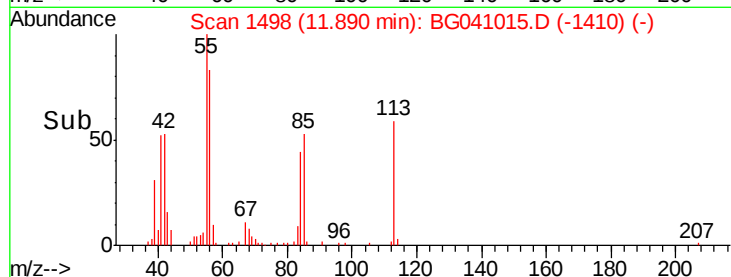
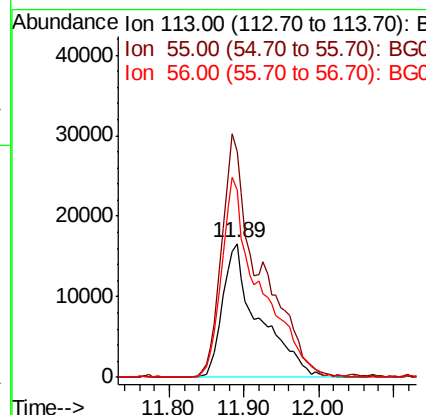
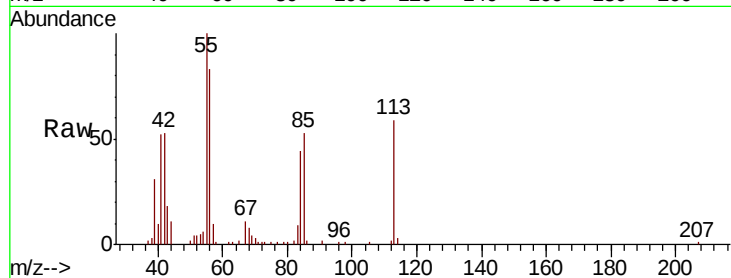




#35
 Caprolactam
 Concen: 33.849 ng
 RT: 11.89 min Scan# 1498
 Delta R.T. -0.01 min
 Lab File: BG041015.D
 Acq: 1 Jun 2019 16:48

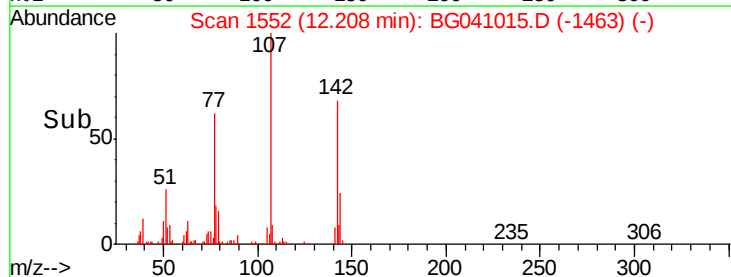
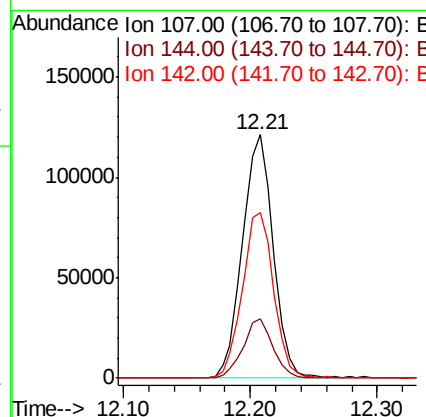
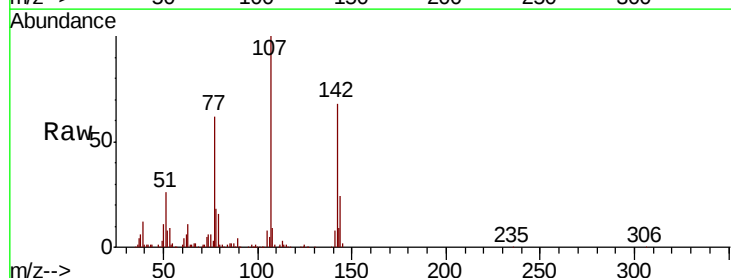
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMS

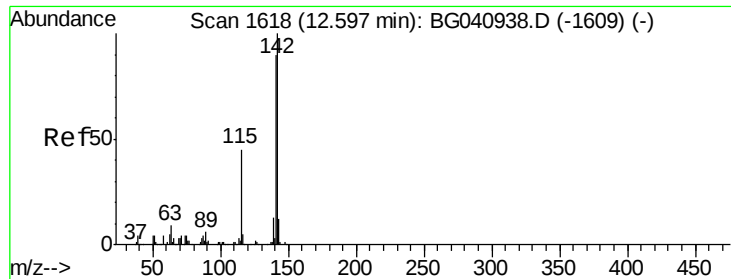
Tot Ion:113 Resp: 56030
 Ion Ratio Lower Upper
 113 100
 55 168.6 155.9 195.9
 56 140.0 119.9 159.9



#36
 4-Chloro-3-methylphenol
 Concen: 35.556 ng
 RT: 12.21 min Scan# 1552
 Delta R.T. -0.01 min
 Lab File: BG041015.D
 Acq: 1 Jun 2019 16:48

Tgt Ion:107 Resp: 203548
 Ion Ratio Lower Upper
 107 100
 144 24.3 19.4 29.0
 142 67.9 57.3 85.9

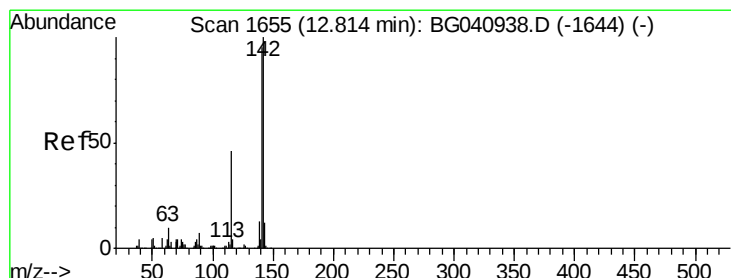
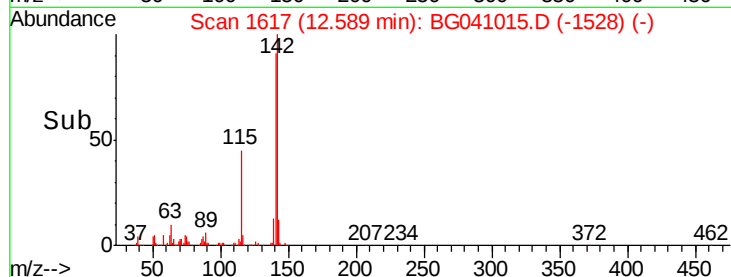
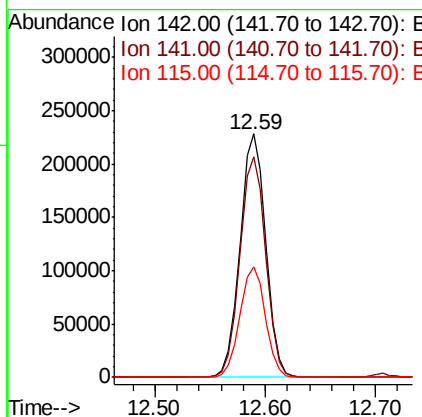
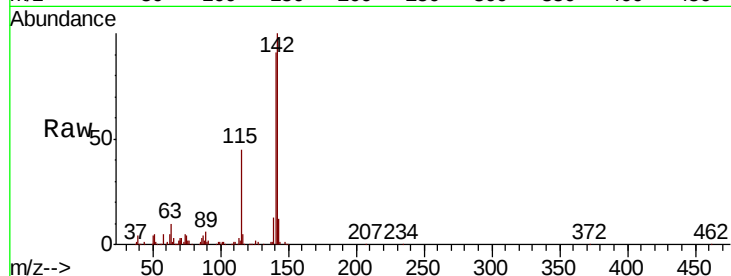




#37
2-Methylnaphthalene
Concen: 35.625 ng
RT: 12.59 min Scan# 1617
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

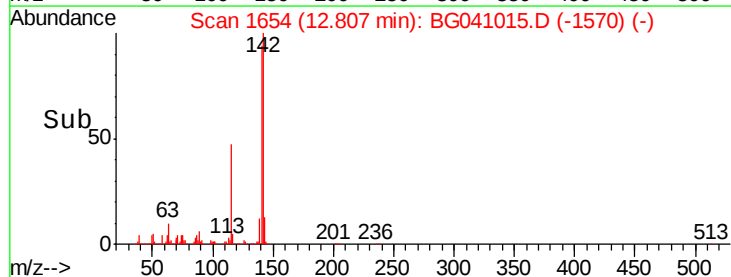
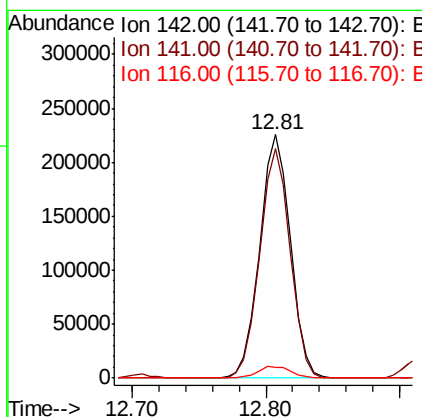
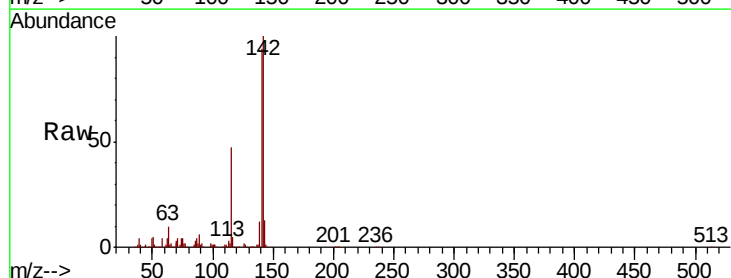
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

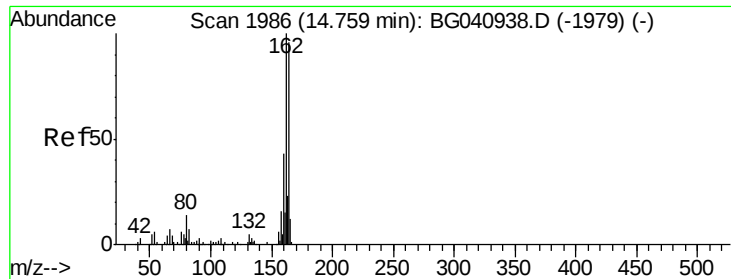
Tot Ion	Ratio	Lower	Upper
142	100		
141	90.6	72.2	108.4
115	45.3	36.2	54.4



#38
1-Methylnaphthalene
Concen: 36.297 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.2	75.7	113.5
116	4.6	3.4	5.2





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.75 min Scan# 1985

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

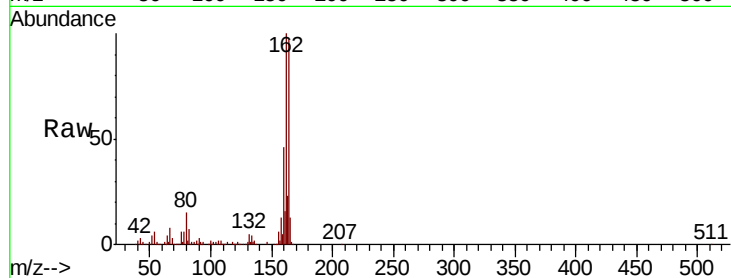
Tot Ion:164 Resp: 180883

Ion Ratio Lower Upper

164 100

162 103.4 83.0 124.4

160 47.1 35.6 53.4

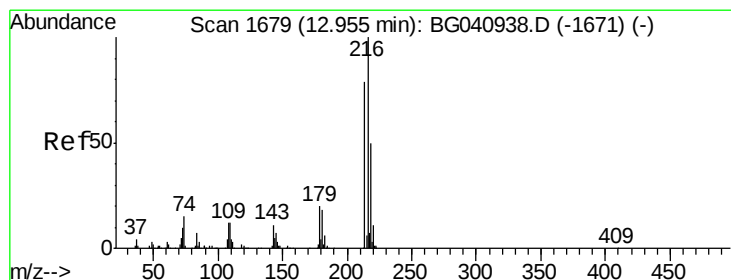
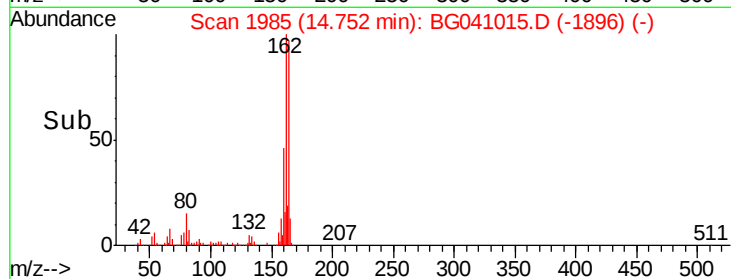
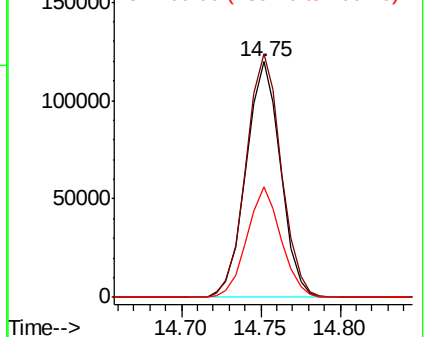


Abundance

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: 37.172 ng

RT: 12.95 min Scan# 1678

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Tgt Ion:216 Resp: 271005

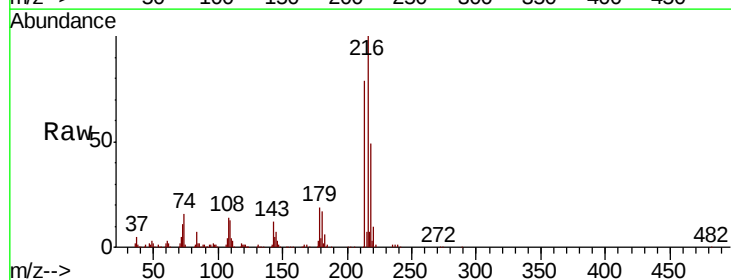
Ion Ratio Lower Upper

216 100

214 79.1 63.4 95.2

179 19.2 15.2 22.8

108 17.0 11.4 17.2



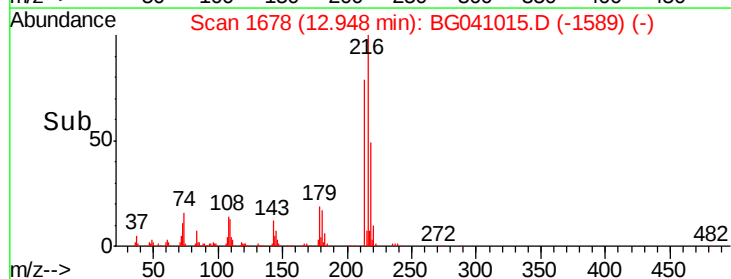
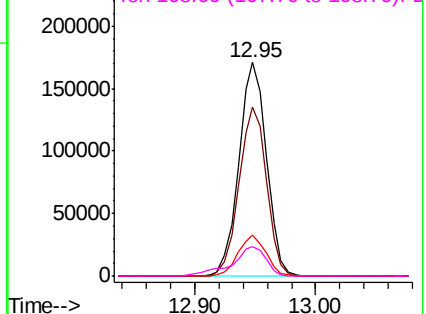
Abundance

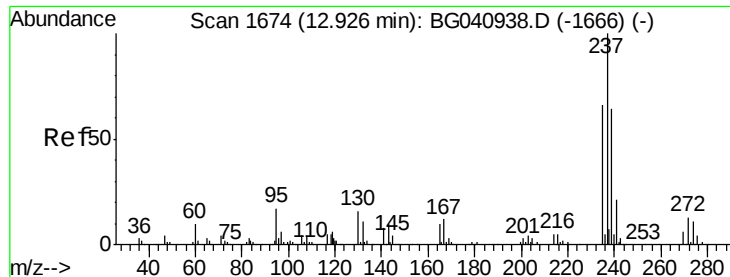
Ion 216.00 (215.70 to 216.70): E

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: 74.634 ng

RT: 12.92 min Scan# 1673

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

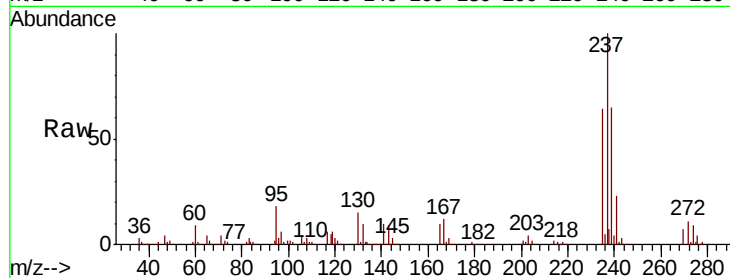
Tot Ion:237 Resp: 290080

Ion Ratio Lower Upper

237 100

235 63.6 45.5 85.5

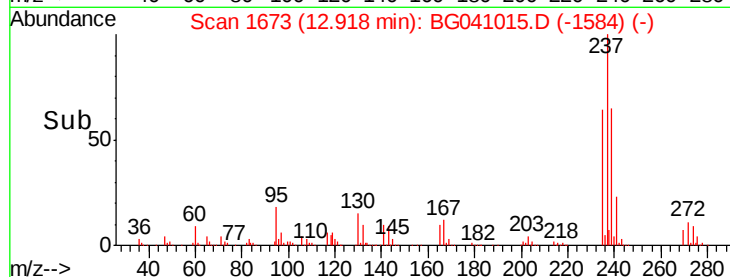
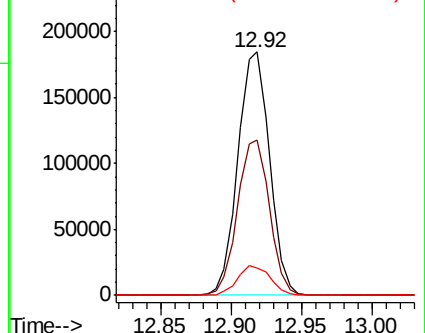
272 11.4 0.0 32.9



Abundance Ion 236.80 (236.50 to 237.50): E

Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42

2,4,6-Tribromophenol

Concen: 127.421 ng

RT: 16.24 min Scan# 2238

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

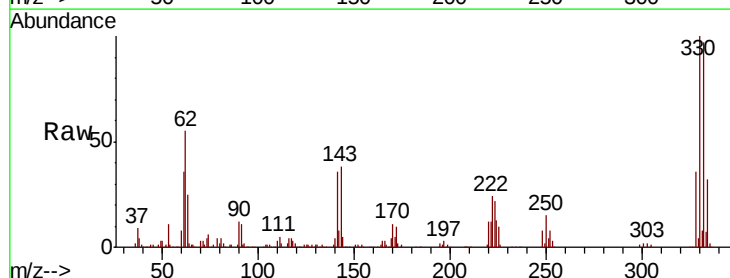
Tgt Ion:330 Resp: 342168

Ion Ratio Lower Upper

330 100

332 96.6 78.5 117.7

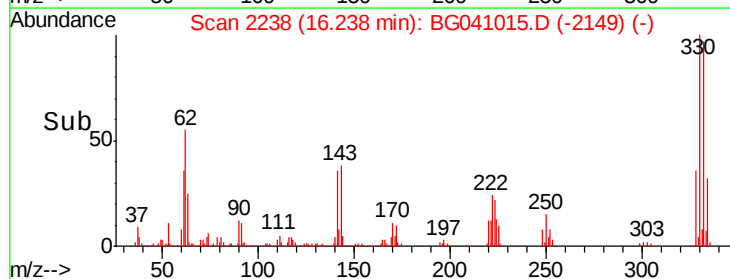
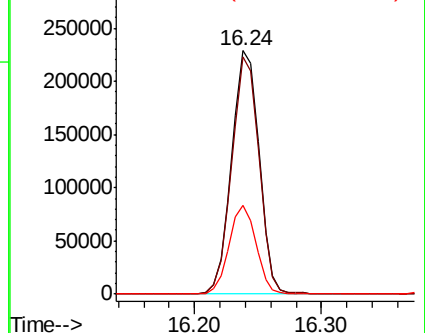
141 36.0 28.7 43.1

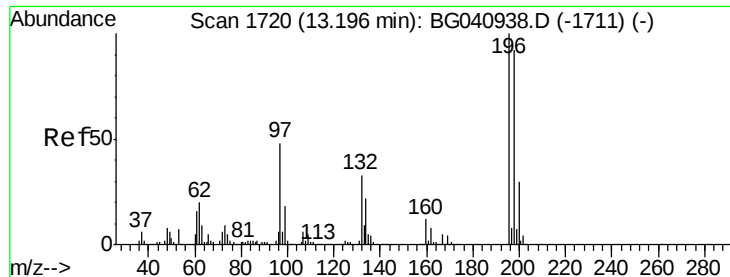


Abundance Ion 329.80 (329.50 to 330.50): E

Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E

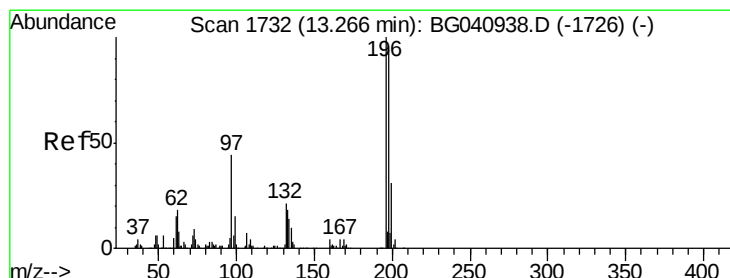
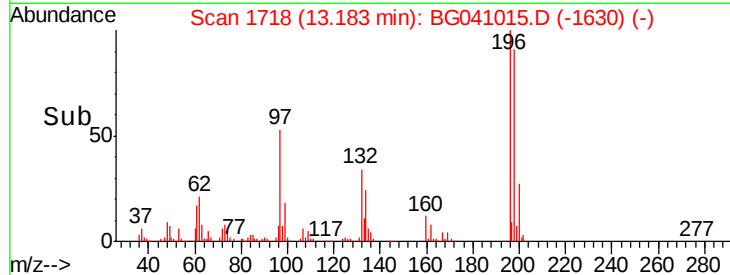
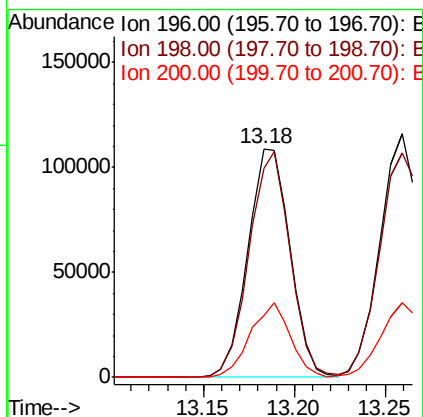
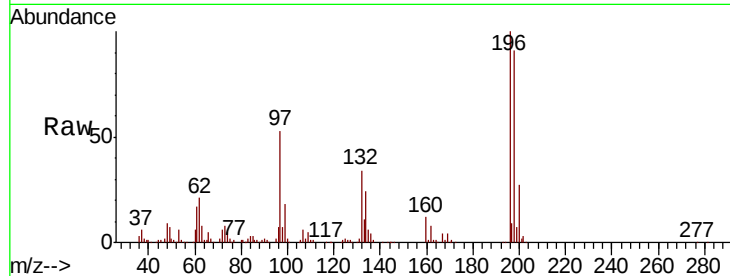




#43
 2,4,6-Trichlorophenol
 Concen: 37.500 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. -0.01 min
 Lab File: BG041015.D
 Acq: 1 Jun 2019 16:48

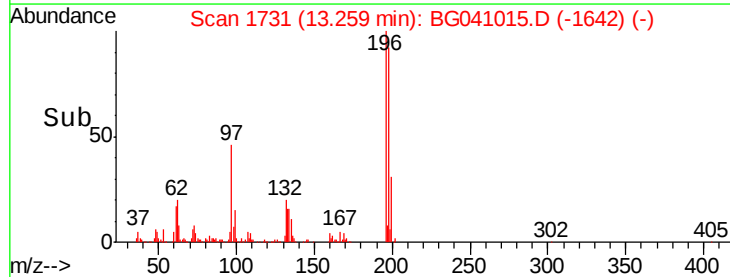
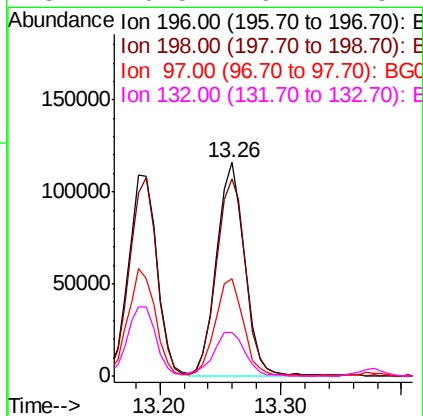
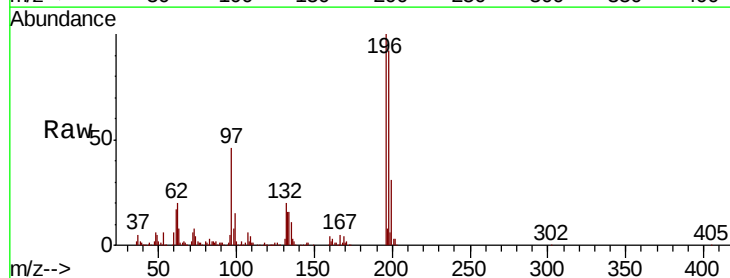
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMS

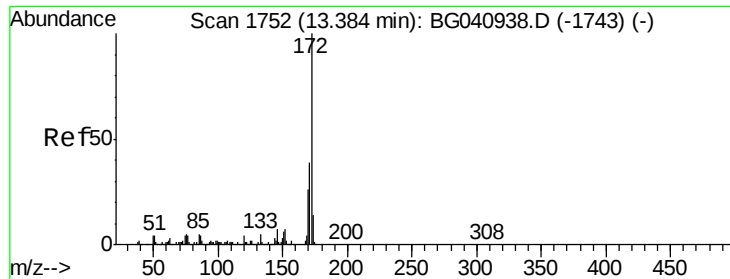
Tot Ion:196 Resp: 176865
 Ion Ratio Lower Upper
 196 100
 198 91.4 73.8 110.6
 200 27.3 24.1 36.1



#44
 2,4,5-Trichlorophenol
 Concen: 37.223 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG041015.D
 Acq: 1 Jun 2019 16:48

Tgt Ion:196 Resp: 185149
 Ion Ratio Lower Upper
 196 100
 198 92.1 75.1 112.7
 97 45.8 35.6 53.4
 132 20.5 16.7 25.1

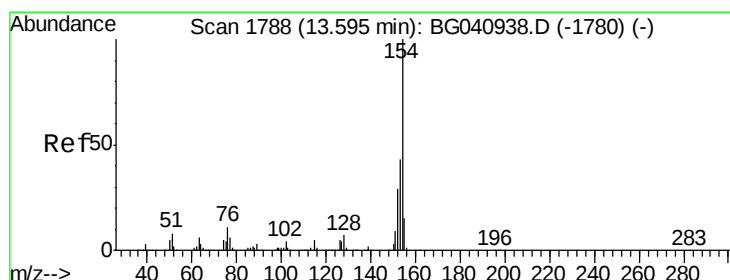
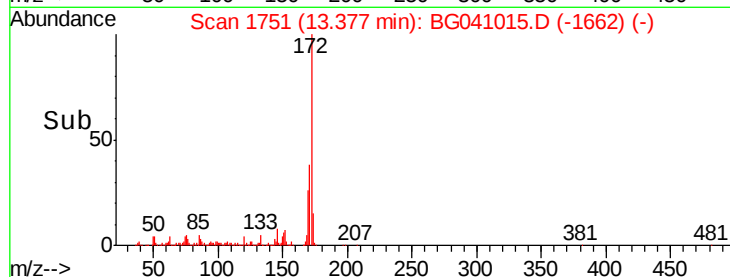
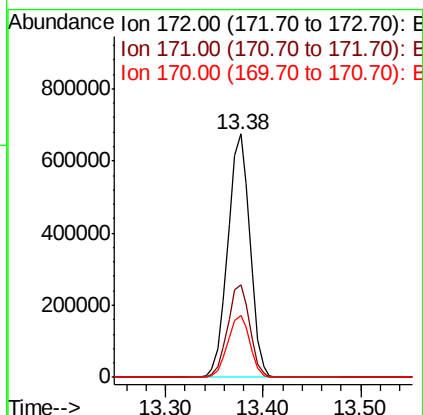
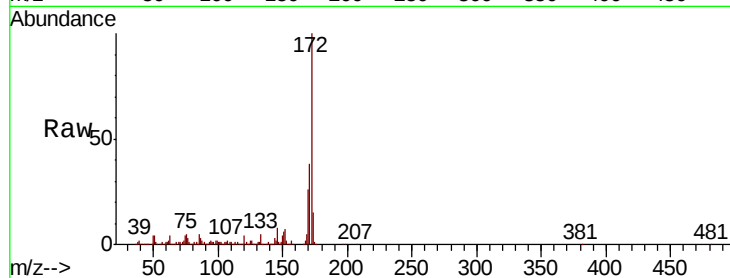




#45
2-Fluorobiphenyl
Concen: 84.092 ng
RT: 13.38 min Scan# 1751
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

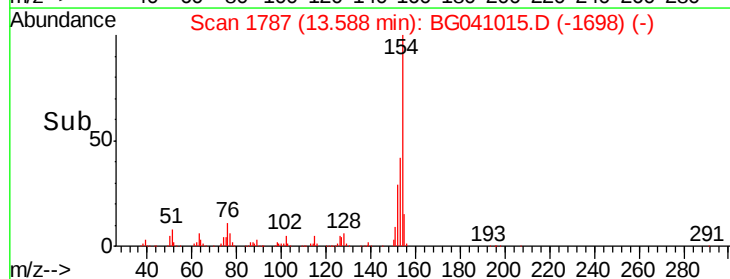
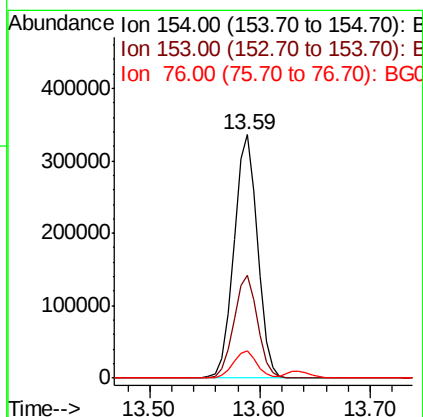
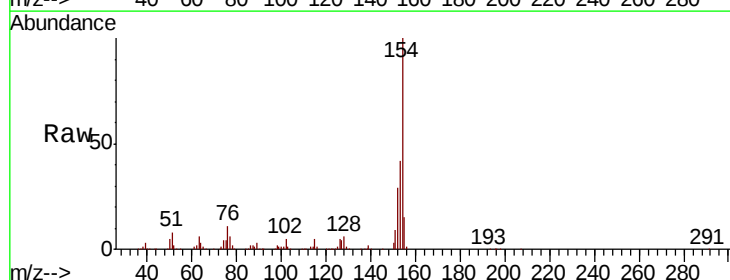
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

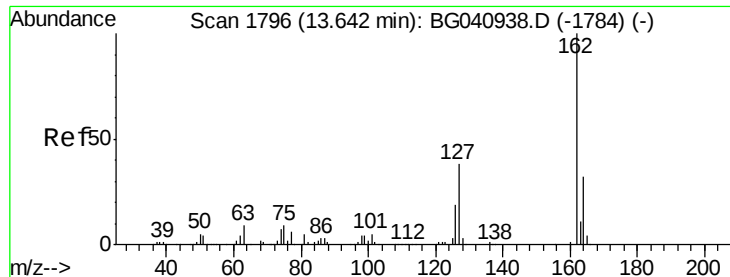
Tot Ion:172 Resp: 1056232
Ion Ratio Lower Upper
172 100
171 38.3 31.1 46.7
170 25.6 20.5 30.7



#46
1,1'-Biphenyl
Concen: 37.577 ng
RT: 13.59 min Scan# 1787
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Tgt Ion:154 Resp: 503125
Ion Ratio Lower Upper
154 100
153 42.3 23.3 63.3
76 11.5 0.0 31.1

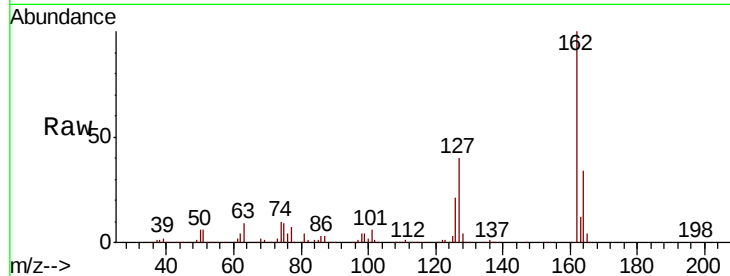




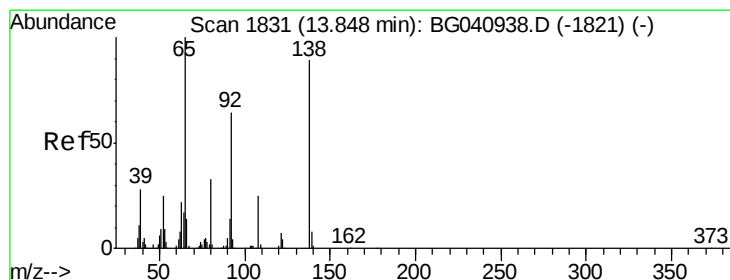
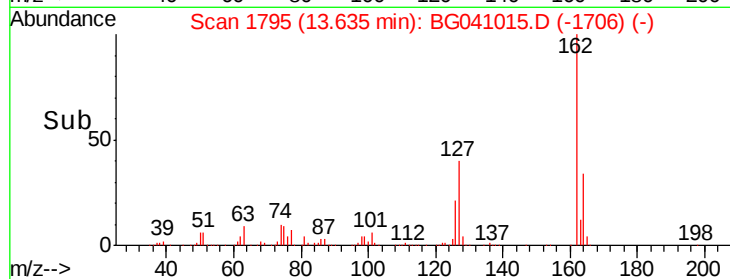
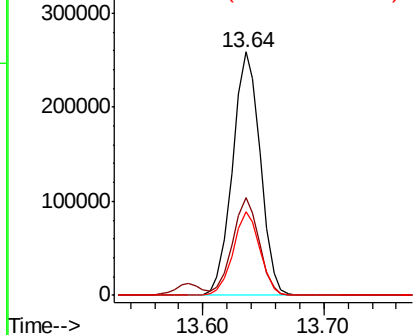
#47
2-Chloronaphthalene
Concen: 35.931 ng
RT: 13.64 min Scan# 1795
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion:162 Resp: 413012
Ion Ratio Lower Upper
162 100
127 40.0 30.5 45.7
164 34.4 25.8 38.6

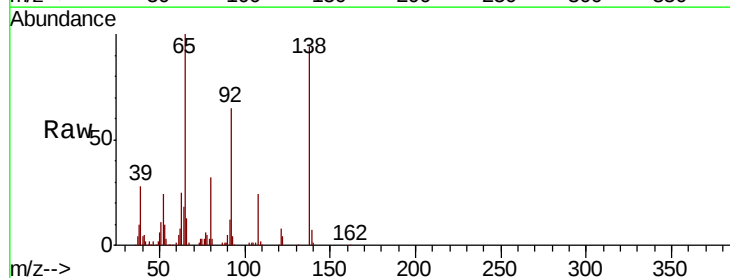


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 127.00 (126.70 to 127.70): E
Ion 164.00 (163.70 to 164.70): E

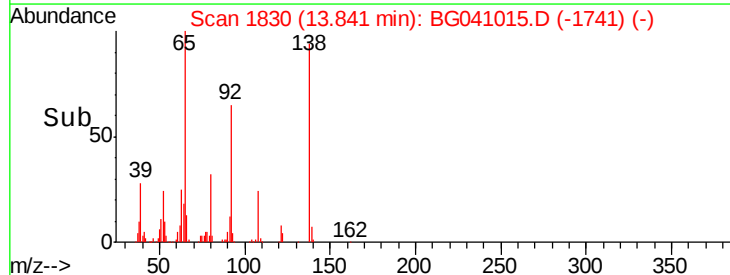
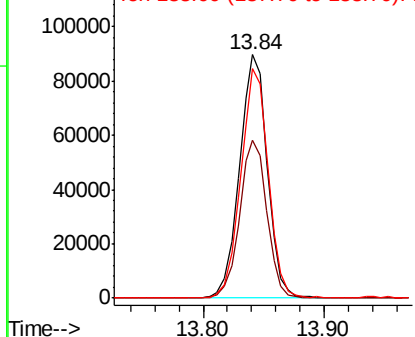


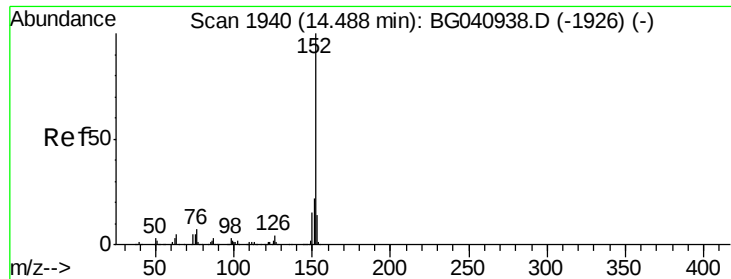
#48
2-Nitroaniline
Concen: 34.848 ng
RT: 13.84 min Scan# 1830
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Tgt Ion: 65 Resp: 143701
Ion Ratio Lower Upper
65 100
92 64.6 51.0 76.6
138 94.2 71.2 106.8



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: 36.549 ng

RT: 14.48 min Scan# 1939

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

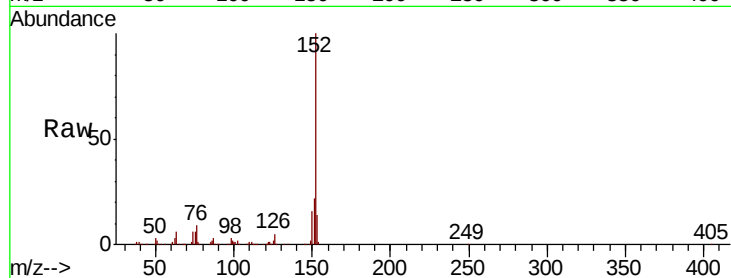
Tot Ion:152 Resp: 632294

Ion Ratio Lower Upper

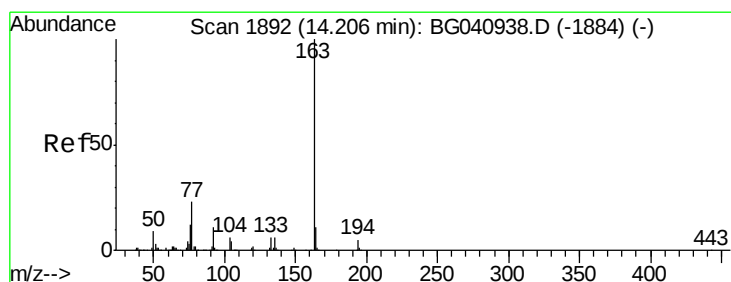
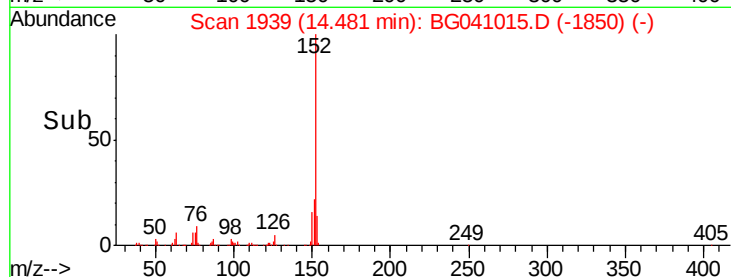
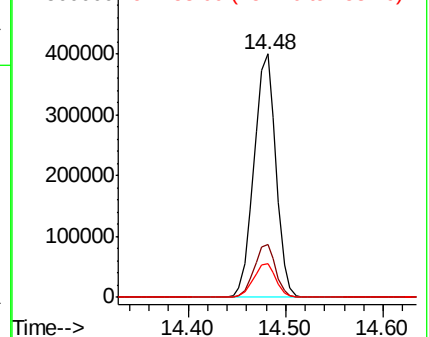
152 100

151 21.6 17.4 26.0

153 14.0 11.0 16.4



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: 45.069 ng

RT: 14.20 min Scan# 1891

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

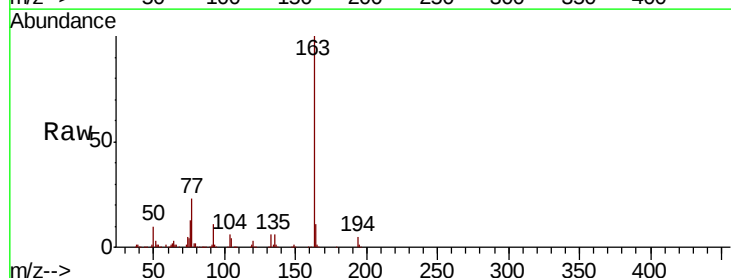
Tgt Ion:163 Resp: 690085

Ion Ratio Lower Upper

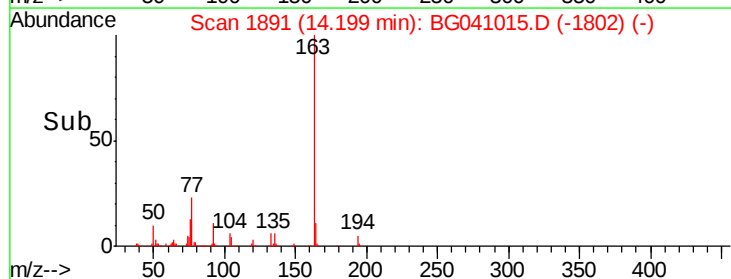
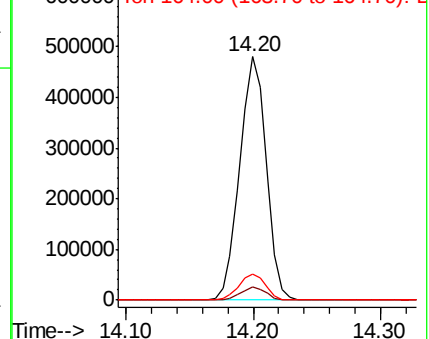
163 100

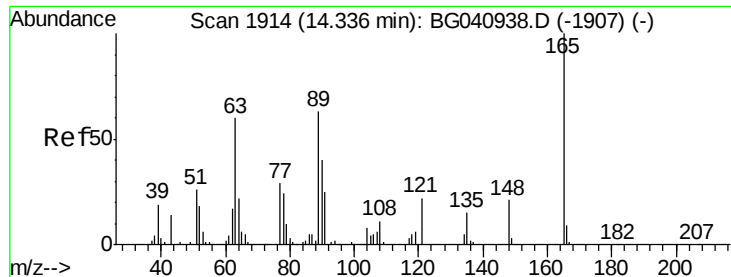
194 5.2 3.8 5.8

164 10.7 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: 36.287 ng

RT: 14.33 min Scan# 1913

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

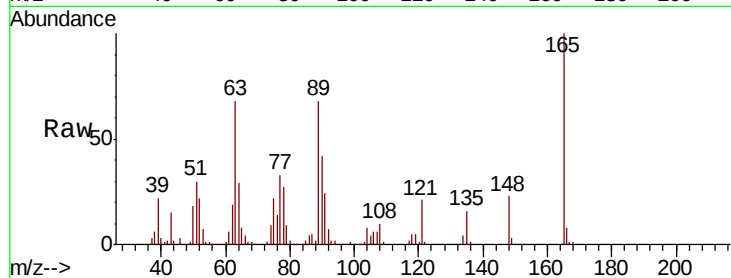
Tot Ion:165 Resp: 119796

Ion Ratio Lower Upper

165 100

63 67.8 53.6 80.4

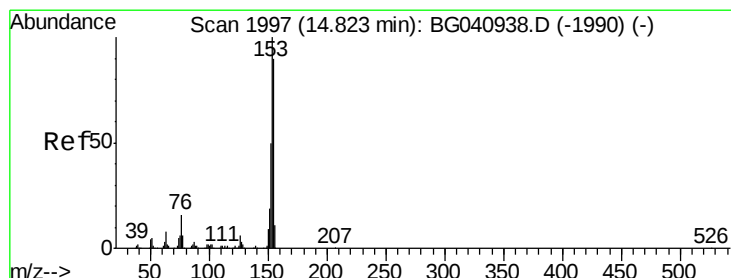
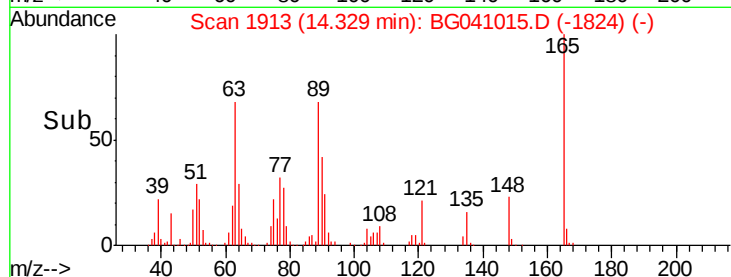
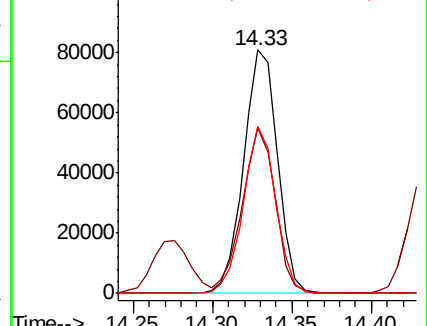
89 68.4 50.4 75.6



Abundance Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 89.00 (88.70 to 89.70): BGC



#52

Acenaphthene

Concen: 35.521 ng

RT: 14.82 min Scan# 1996

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

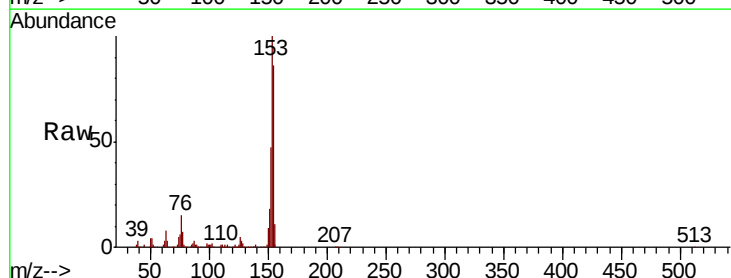
Tgt Ion:154 Resp: 372268

Ion Ratio Lower Upper

154 100

153 117.0 88.6 133.0

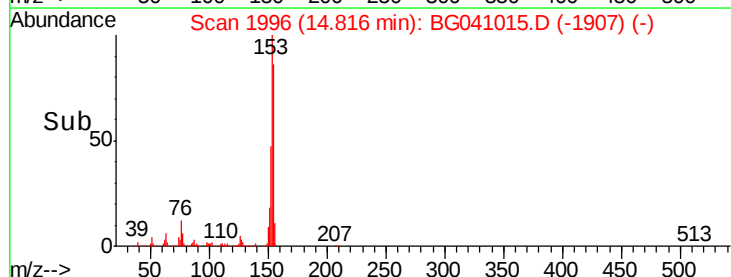
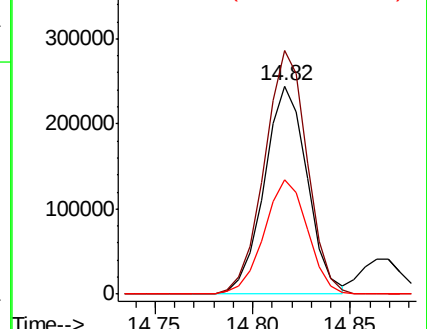
152 54.7 44.2 66.4

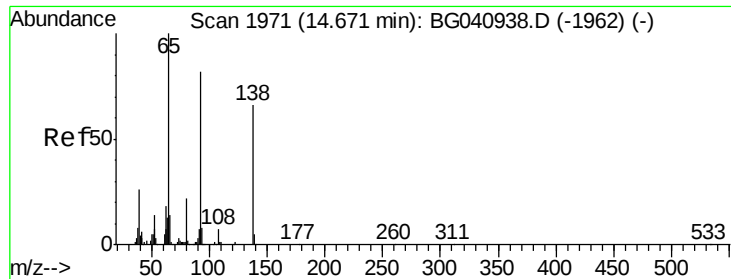


Abundance Ion 154.00 (153.70 to 154.70): E

Ion 153.00 (152.70 to 153.70): E

Ion 152.00 (151.70 to 152.70): E

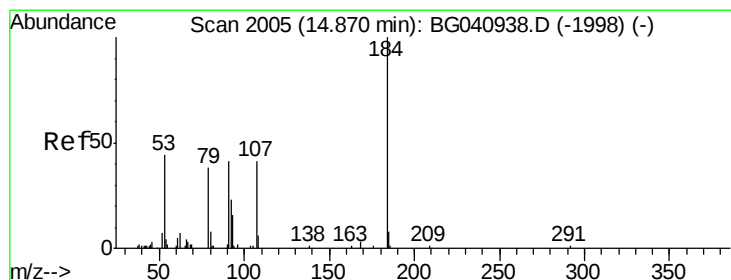
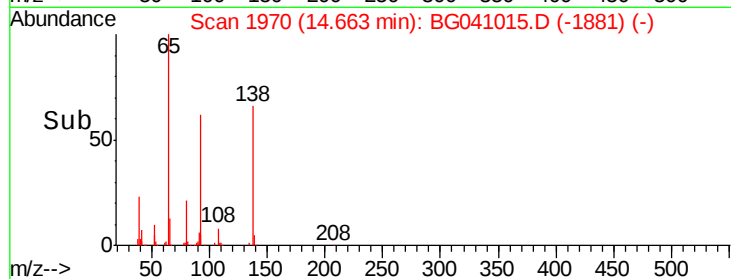
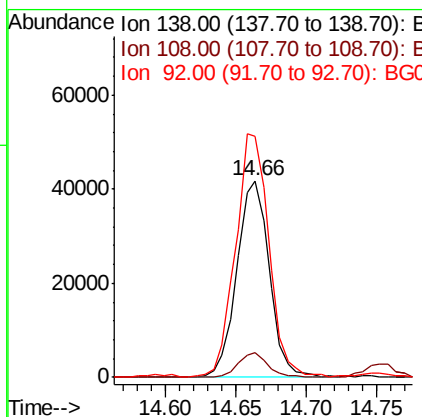
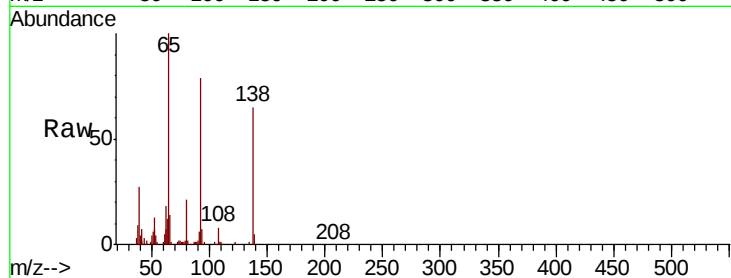




#53
3-Nitroaniline
Concen: 20.411 ng
RT: 14.66 min Scan# 1970
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

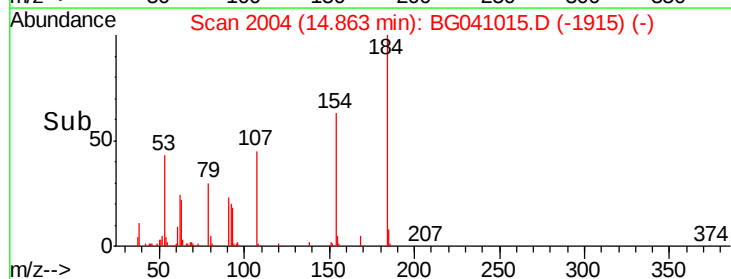
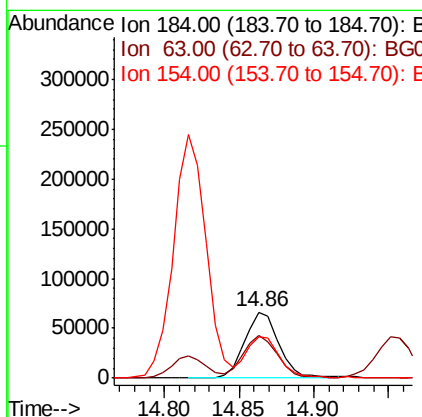
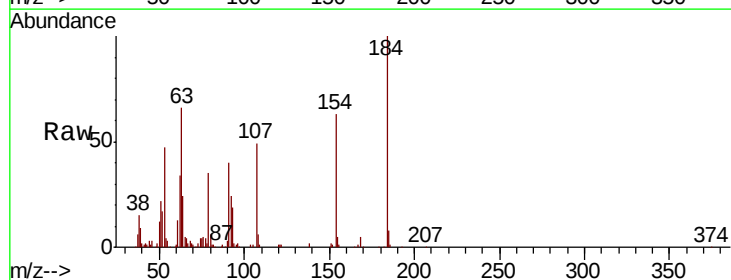
Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

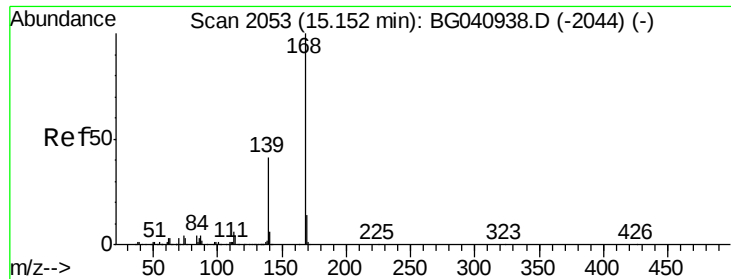
Tot Ion:138 Resp: 67382
Ion Ratio Lower Upper
138 100
108 12.7 8.5 12.7
92 122.6 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 66.024 ng
RT: 14.86 min Scan# 2004
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Tgt Ion:184 Resp: 104465
Ion Ratio Lower Upper
184 100
63 65.7 49.8 74.6
154 62.9 52.2 78.4





#55

Dibenzofuran

Concen: 36.419 ng

RT: 15.15 min Scan# 2053

Delta R.T. -0.00 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

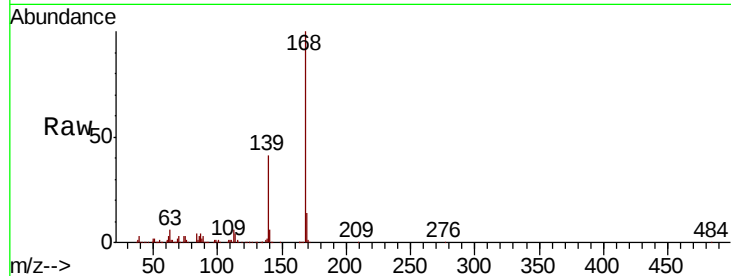
BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion:168 Resp: 642237

Ion	Ratio	Lower	Upper
168	100		
139	40.9	32.8	49.2
169	13.8	11.3	16.9

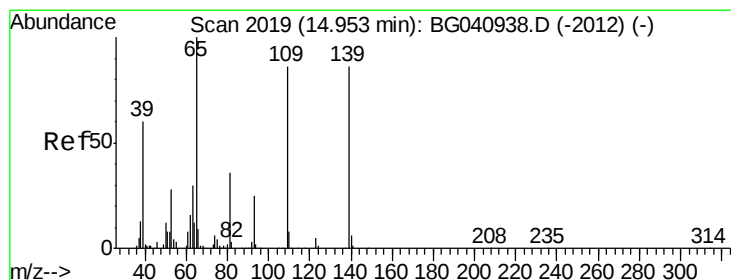
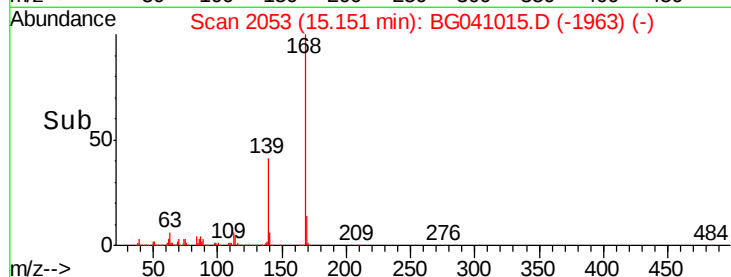
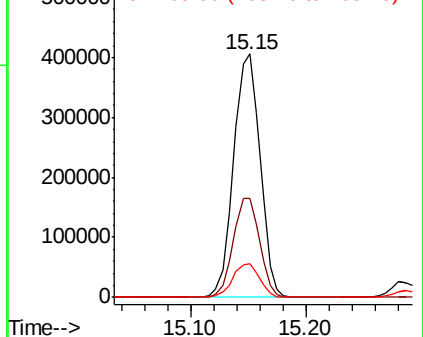


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56

4-Nitrophenol

Concen: 78.192 ng

RT: 14.96 min Scan# 2020

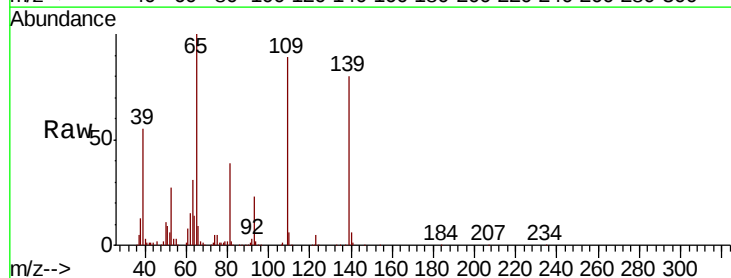
Delta R.T. 0.00 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Tgt Ion:139 Resp: 177055

Ion	Ratio	Lower	Upper
139	100		
109	111.1	79.6	119.6
65	124.6	96.9	136.9

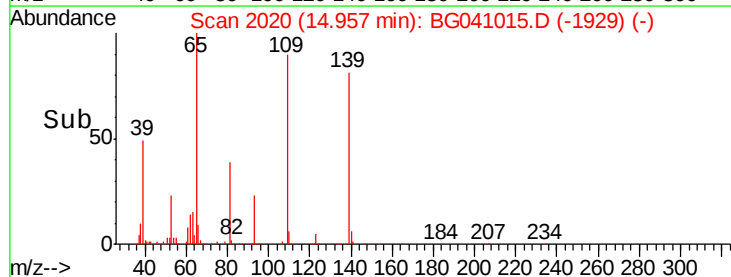
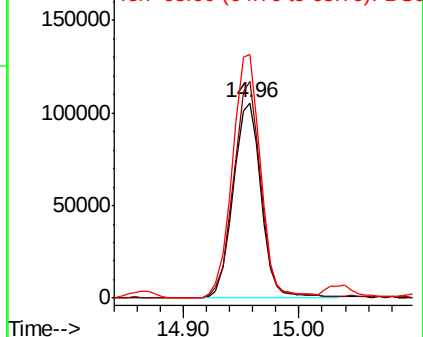


Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): E

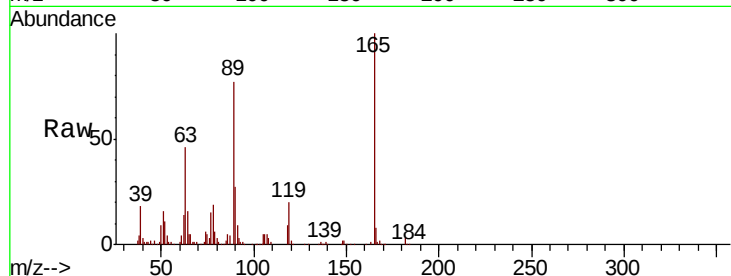




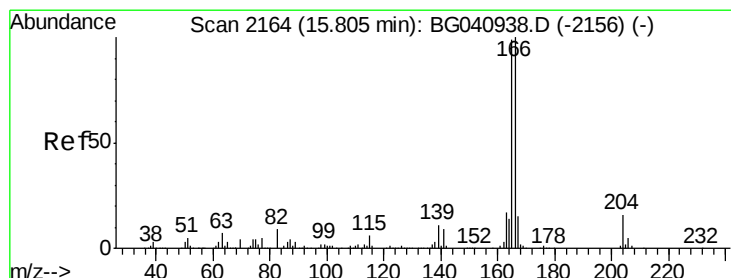
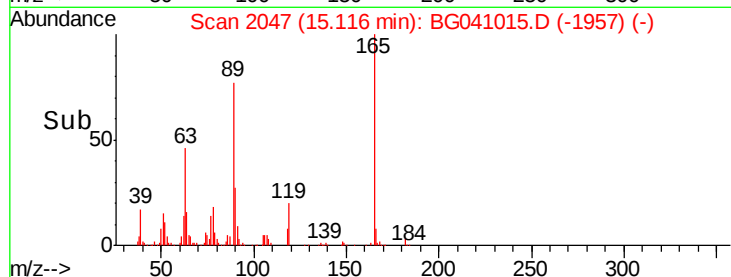
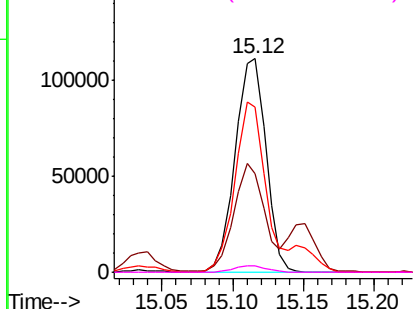
#57
2,4-Dinitrotoluene
Concen: 36.386 ng
RT: 15.12 min Scan# 2047
Delta R.T. -0.00 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion:165 Resp: 169684
Ion Ratio Lower Upper
165 100
63 46.1 37.3 55.9
89 77.5 61.0 91.6
182 3.0 2.2 3.2

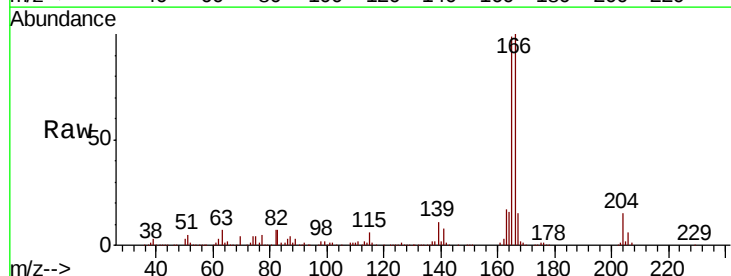


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

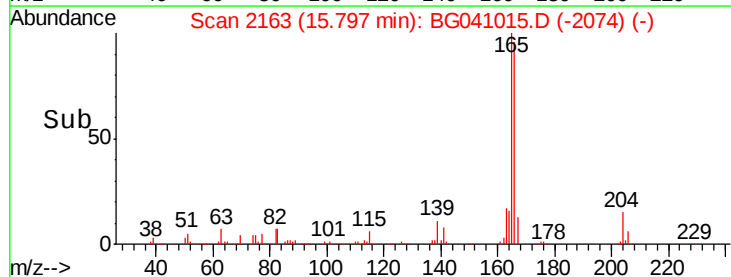
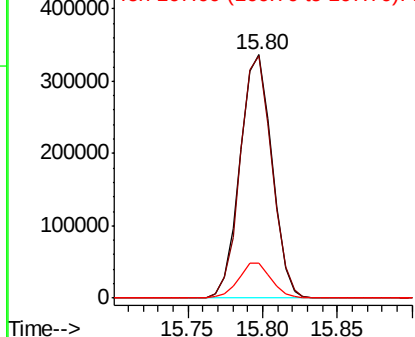


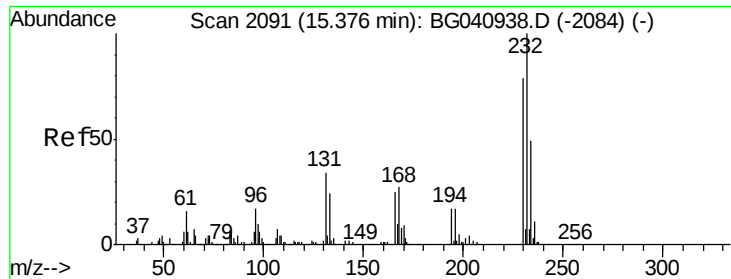
#58
Fluorene
Concen: 35.594 ng
RT: 15.80 min Scan# 2163
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Tgt Ion:166 Resp: 499876
Ion Ratio Lower Upper
166 100
165 99.4 79.2 118.8
167 14.6 11.8 17.6



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

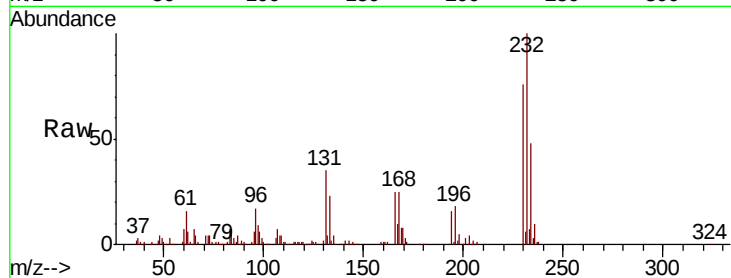




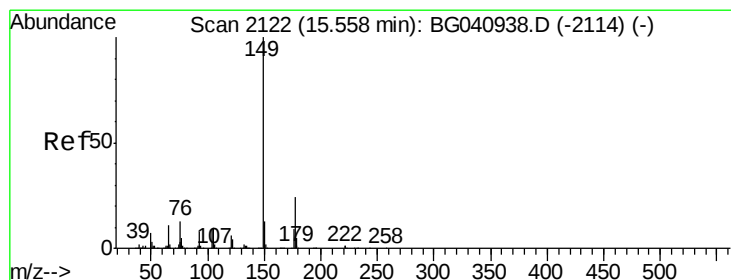
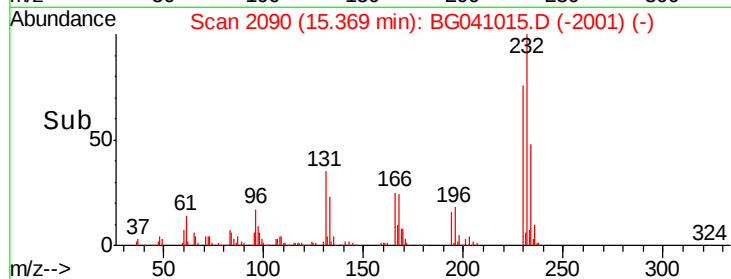
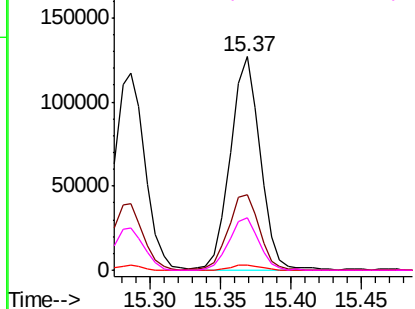
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 38.116 ng
 RT: 15.37 min Scan# 2090
 Delta R.T. -0.01 min
 Lab File: BG041015.D
 Acq: 1 Jun 2019 16:48

Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion:232	Resp:	186320
Ion Ratio	Lower	Upper
232	100	
131	36.8	30.3 45.5
130	2.4	1.8 2.8
166	25.1	21.3 31.9

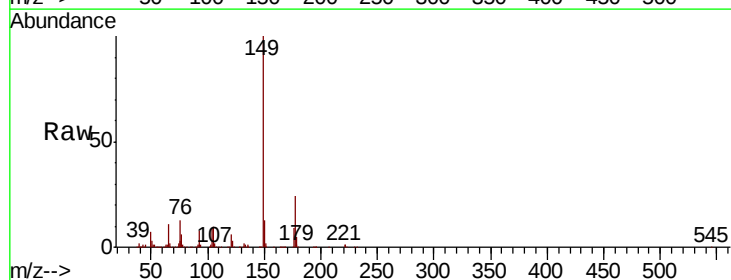


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

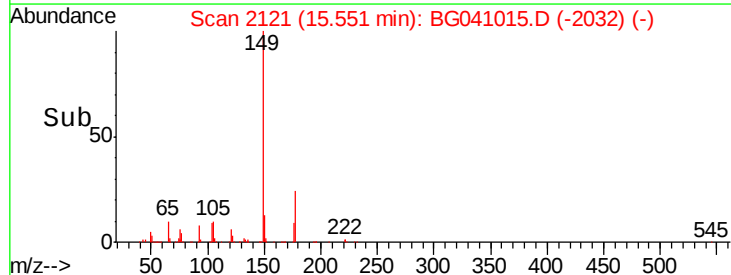
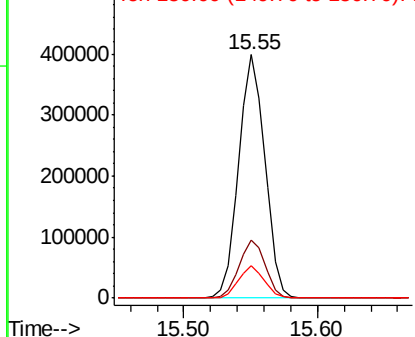


#60
 Diethylphthalate
 Concen: 34.683 ng
 RT: 15.55 min Scan# 2121
 Delta R.T. -0.01 min
 Lab File: BG041015.D
 Acq: 1 Jun 2019 16:48

Tgt Ion:149	Resp:	541963
Ion Ratio	Lower	Upper
149	100	
177	23.8	19.4 29.0
150	13.1	10.3 15.5



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

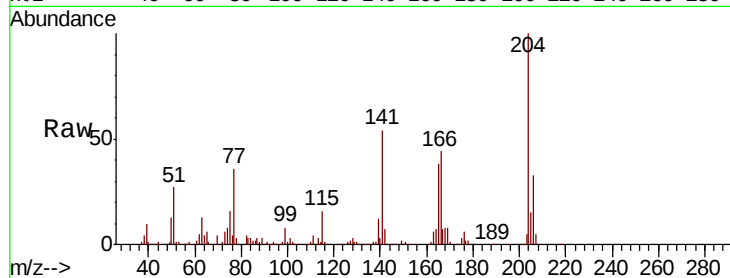




#61
4-Chlorophenyl-phenylether
Concen: 35.220 ng
RT: 15.78 min Scan# 2160
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.2	27.6	41.4
141	54.1	45.1	67.7

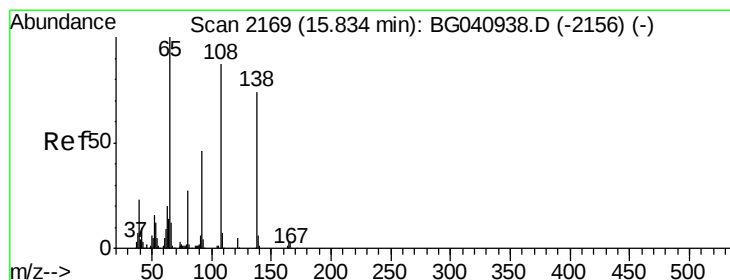
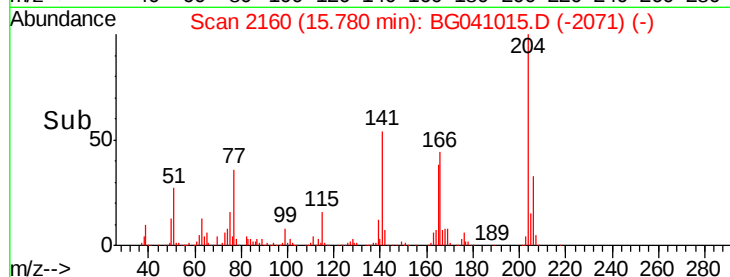
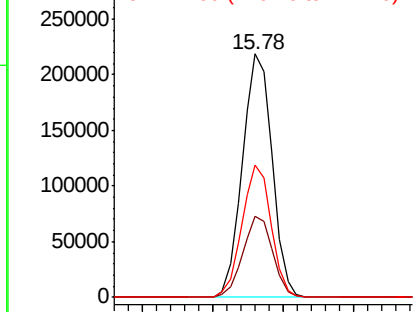


Abundance

Ion 204.00 (203.70 to 204.70): E

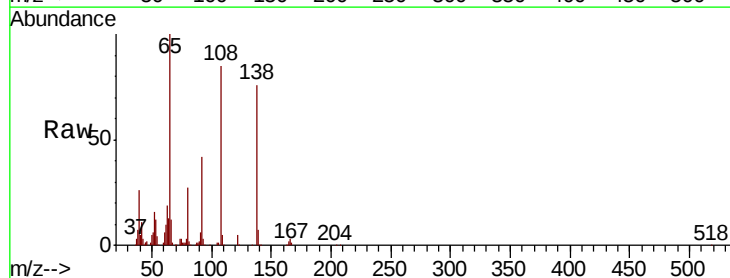
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 32.347 ng
RT: 15.83 min Scan# 2168
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Tgt Ion	Ratio	Lower	Upper
138	100		
92	55.4	42.4	82.4
108	112.0	96.9	136.9

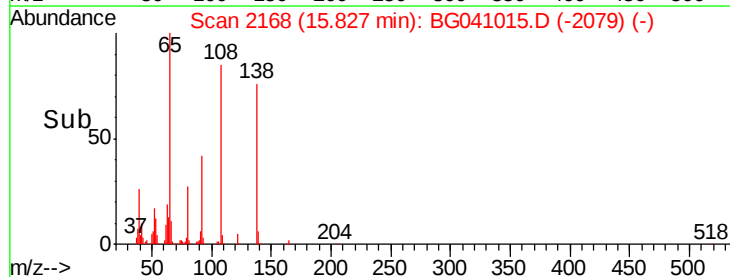
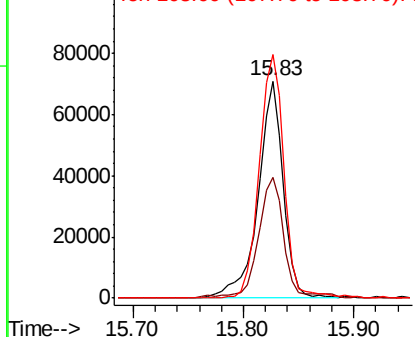


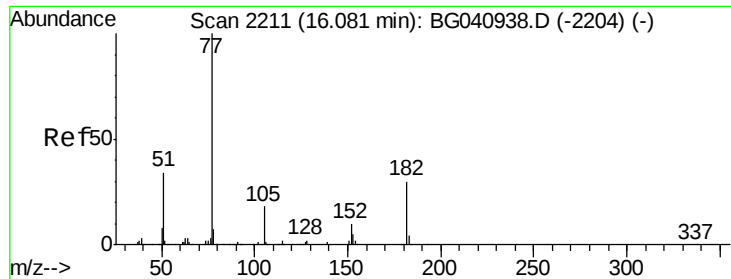
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BGC

Ion 108.00 (107.70 to 108.70): E





#63

Azobenzene

Concen: 35.806 ng

RT: 16.07 min Scan# 2210

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion: 77 Resp: 508532

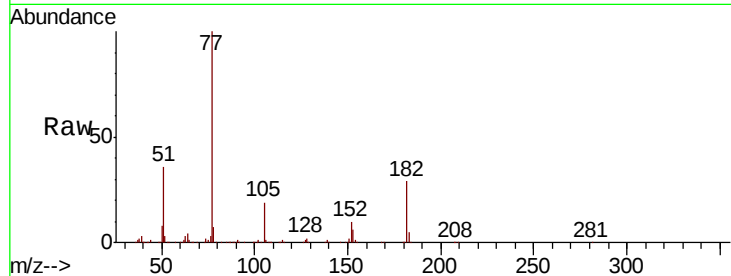
Ion Ratio Lower Upper

77 100

182 28.9 9.6 49.6

105 18.8 0.0 37.5

51 35.8 13.7 53.7

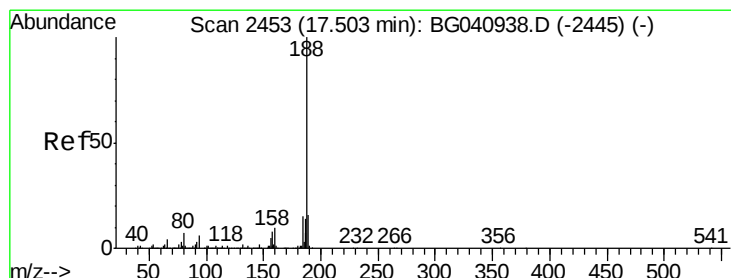
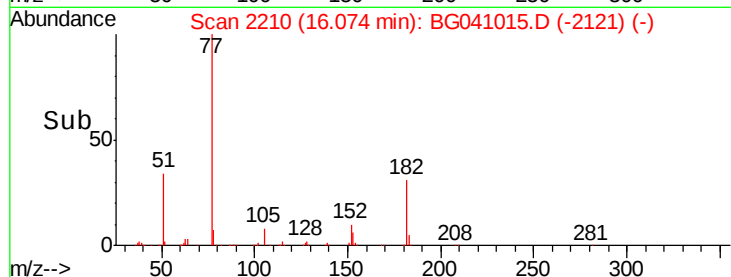
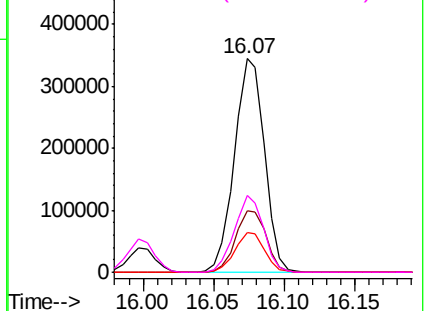


Abundance Ion 77.00 (76.70 to 77.70): BGC

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: 17.50 min Scan# 2452

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

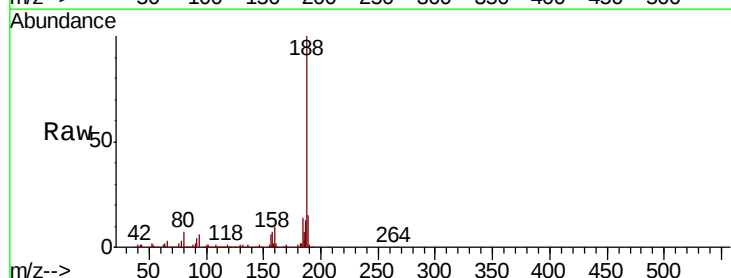
Tgt Ion: 188 Resp: 440539

Ion Ratio Lower Upper

188 100

94 6.1 4.7 7.1

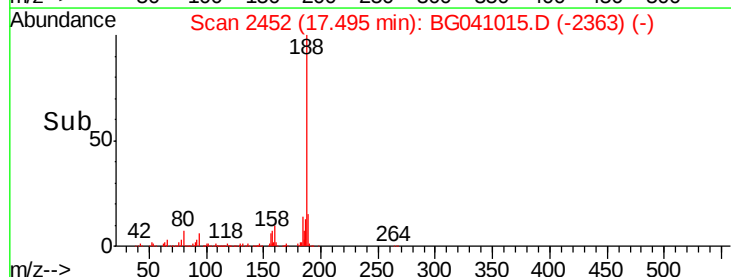
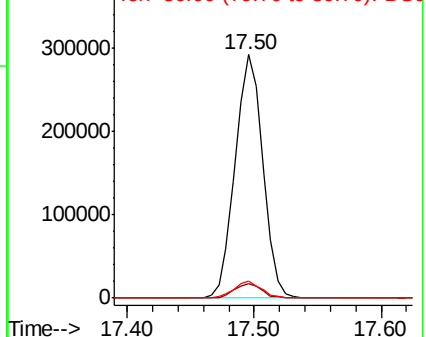
80 7.1 5.8 8.8



Abundance Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 40.007 ng

RT: 15.87 min Scan# 2175

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

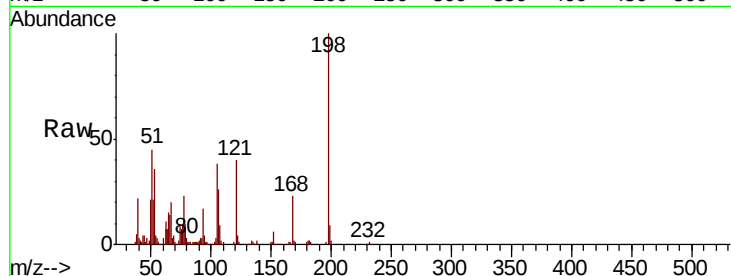
BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion:198 Resp: 90332

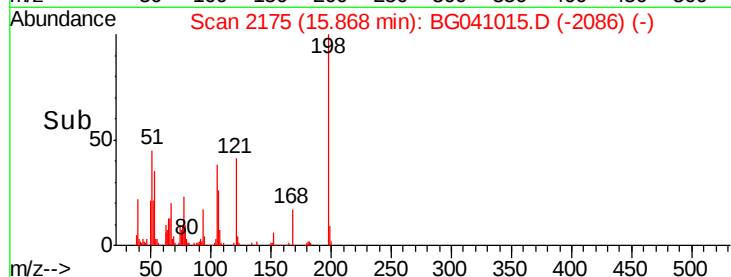
Ion	Ratio	Lower	Upper
198	100		
51	45.2	21.6	61.6
105	37.8	17.5	57.5



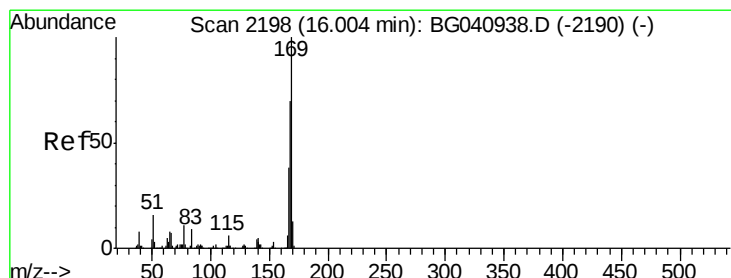
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



Time-->



#66

n-Nitrosodiphenylamine

Concen: 36.912 ng

RT: 16.00 min Scan# 2198

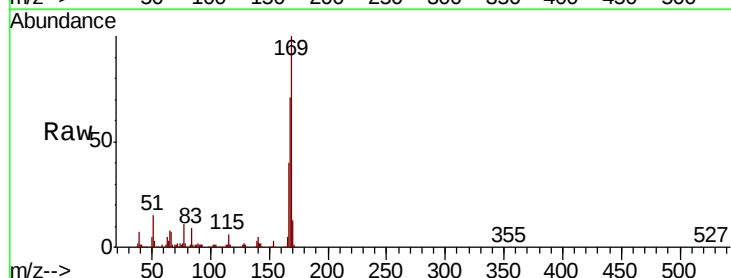
Delta R.T. -0.00 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Tgt Ion:169 Resp: 457126

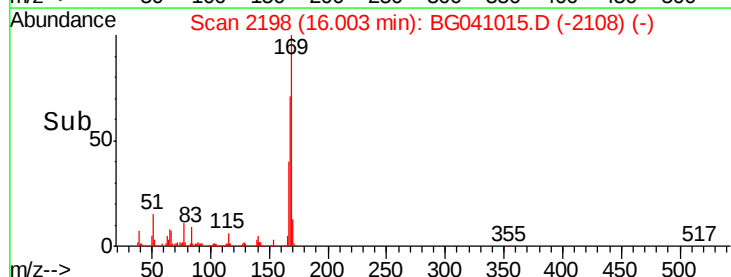
Ion	Ratio	Lower	Upper
169	100		
168	70.8	55.7	83.5
167	40.3	30.2	45.2



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



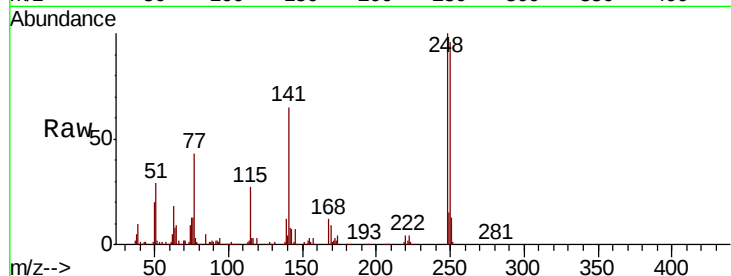
Time-->



#67
4-Bromophenyl-phenylether
Concen: 34.683 ng
RT: 16.68 min Scan# 2313
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.1	75.0	112.4
141	64.6	52.4	78.6

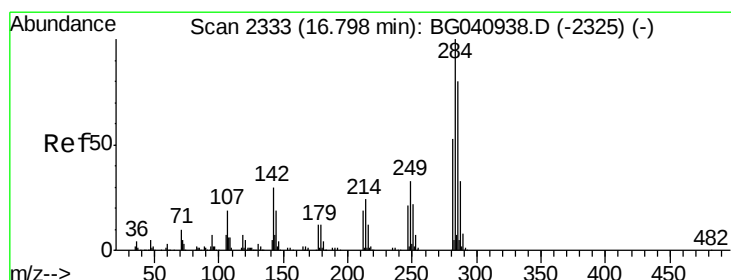
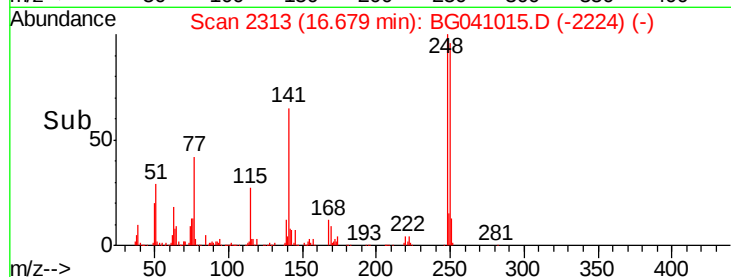
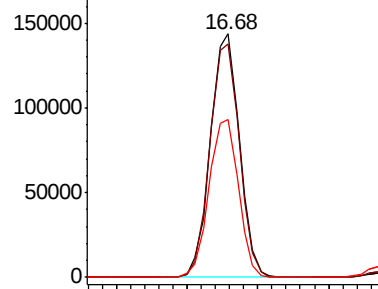


Abundance

Ion 248.00 (247.70 to 248.70): E

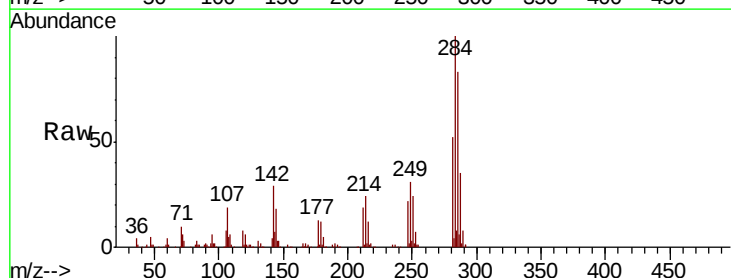
Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68
Hexachlorobenzene
Concen: 33.339 ng
RT: 16.79 min Scan# 2332
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.4	23.9	35.9
249	31.3	26.8	40.2

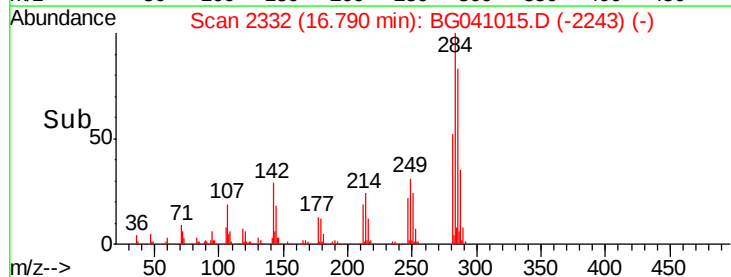
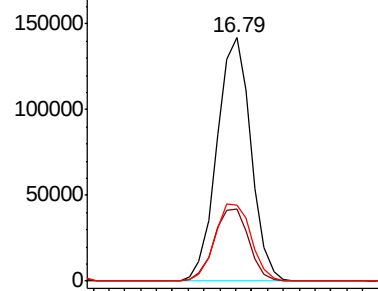


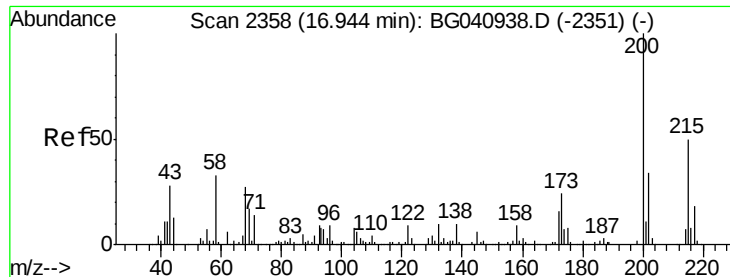
Abundance

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

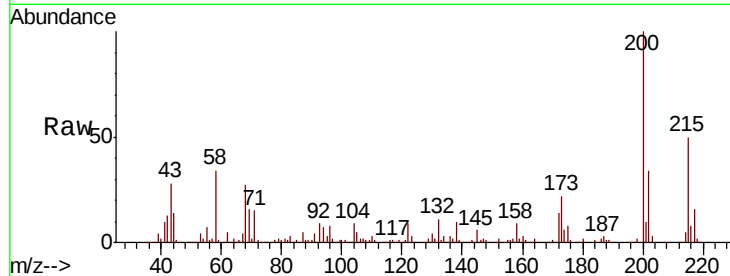




#69
Atrazine
Concen: 40.214 ng
RT: 16.94 min Scan# 2357
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion	Ratio	Lower	Upper
200	100		
173	21.6	3.6	43.6
215	50.2	29.6	69.6

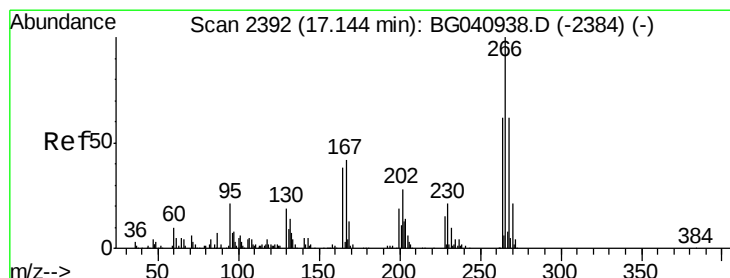
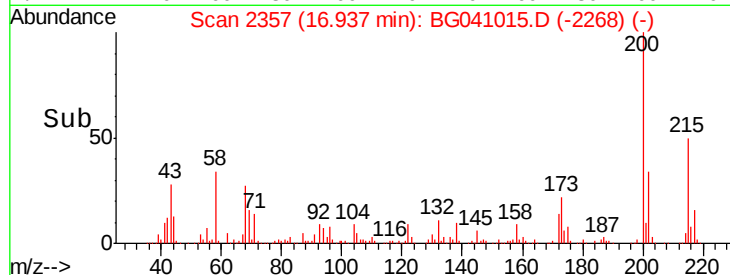
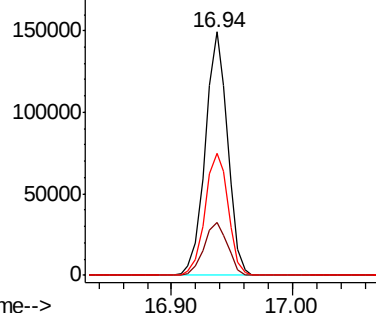


Abundance

Ion 200.00 (199.70 to 200.70): E

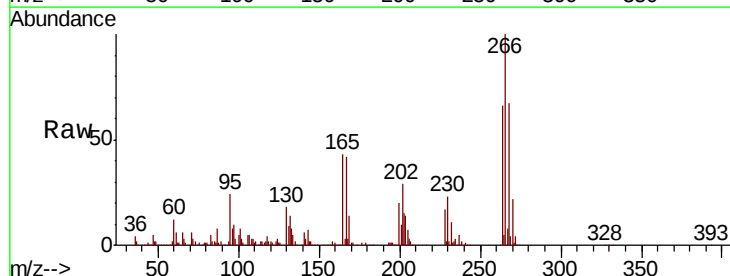
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 73.189 ng
RT: 17.14 min Scan# 2391
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Tgt Ion	Ratio	Lower	Upper
266	100		
268	66.6	53.1	79.7
264	65.6	49.9	74.9

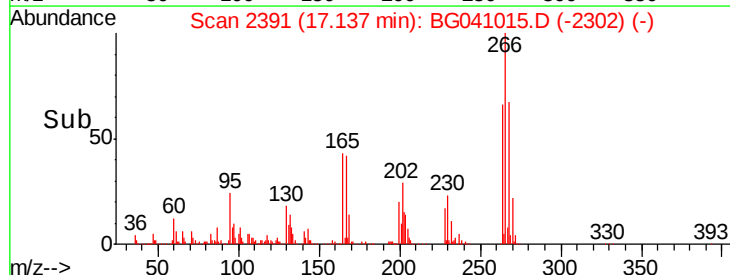
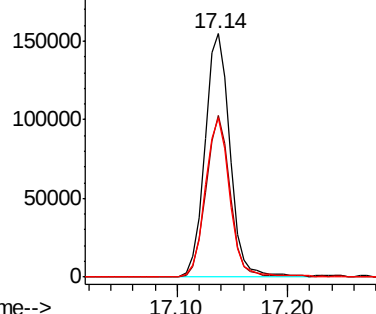


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

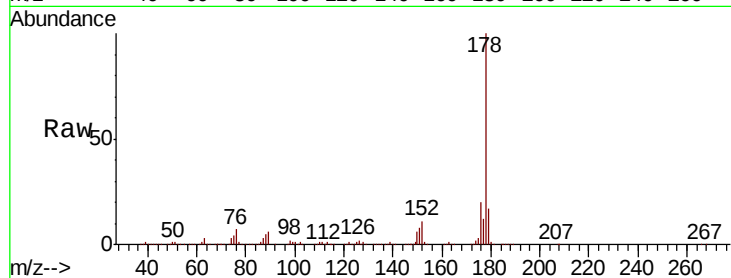




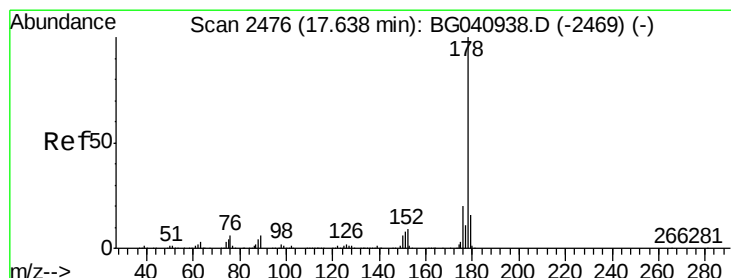
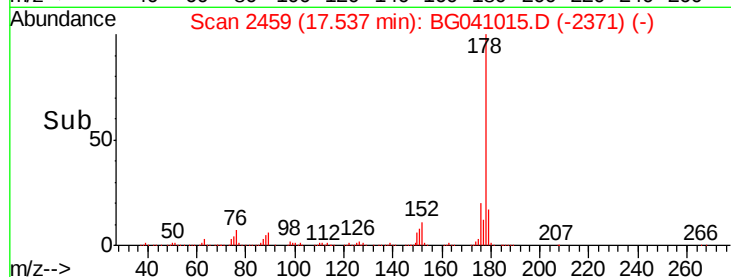
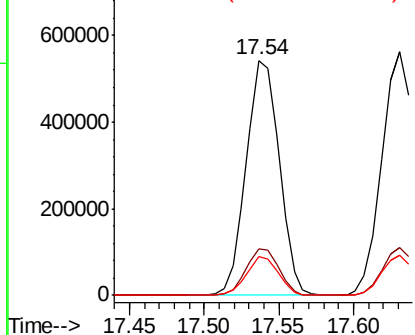
#71
Phenanthrene
Concen: 36.240 ng
RT: 17.54 min Scan# 2459
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion:178 Resp: 831590
Ion Ratio Lower Upper
178 100
176 19.7 15.5 23.3
179 16.8 12.7 19.1

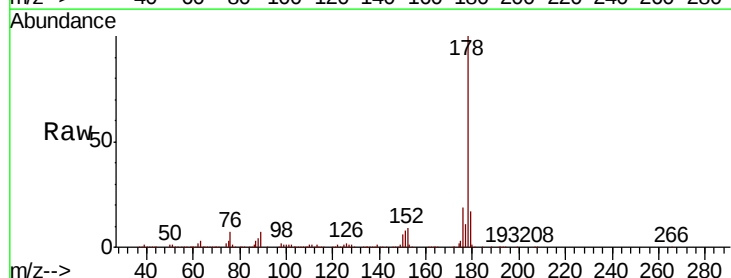


Abundance Ion 178.00 (177.70 to 178.70): E
Ion 176.00 (175.70 to 176.70): E
Ion 179.00 (178.70 to 179.70): E

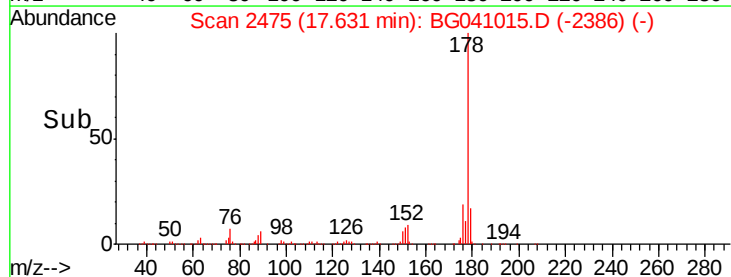
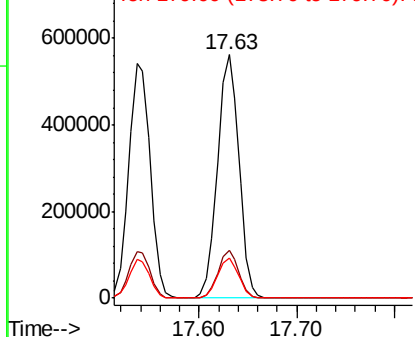


#72
Anthracene
Concen: 37.807 ng
RT: 17.63 min Scan# 2475
Delta R.T. -0.01 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Tgt Ion:178 Resp: 855656
Ion Ratio Lower Upper
178 100
176 19.5 15.6 23.4
179 16.7 13.0 19.4



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

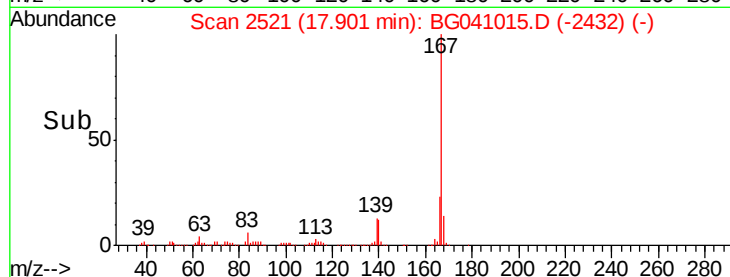
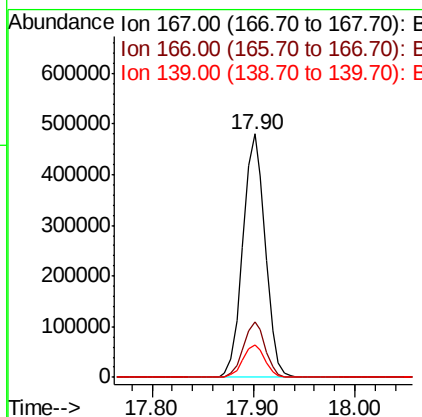
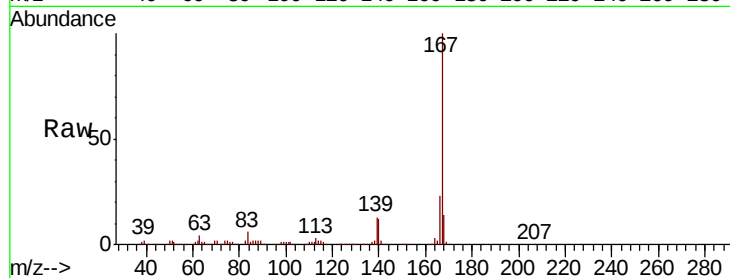




#73
 Carbazole
 Concen: 37.724 ng
 RT: 17.90 min Scan# 2521
 Delta R.T. -0.01 min
 Lab File: BG041015.D
 Acq: 1 Jun 2019 16:48

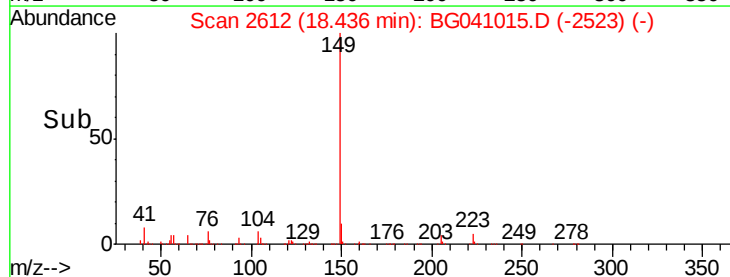
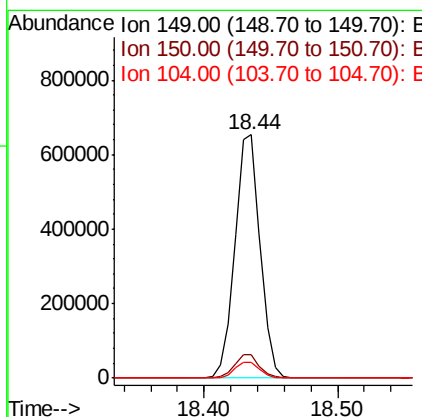
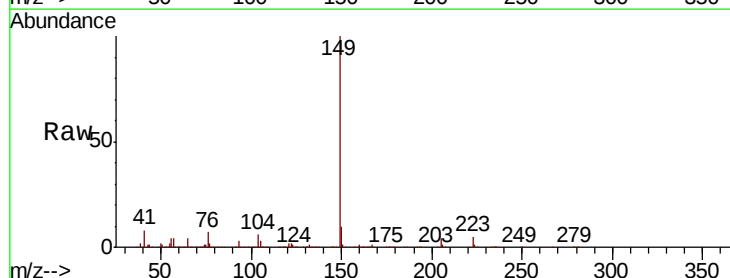
Instrument :
 BNA_G
 ClientSampleId :
 FK-BPM-01-B1-C1-B1A-C1AMS

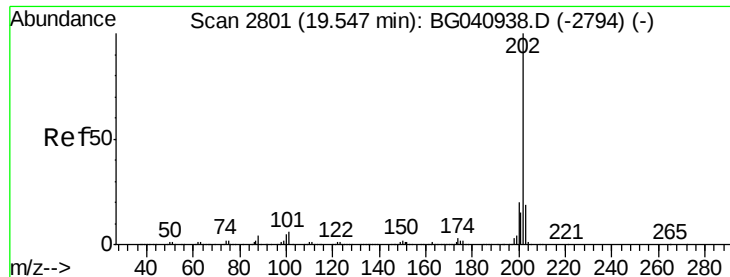
Tot Ion:167 Resp: 732574
 Ion Ratio Lower Upper
 167 100
 166 22.6 18.2 27.4
 139 13.2 10.8 16.2



#74
 Di-n-butylphthalate
 Concen: 35.466 ng
 RT: 18.44 min Scan# 2612
 Delta R.T. -0.01 min
 Lab File: BG041015.D
 Acq: 1 Jun 2019 16:48

Tgt Ion:149 Resp: 855996
 Ion Ratio Lower Upper
 149 100
 150 9.7 7.4 11.2
 104 6.5 5.0 7.4





#75

Fluoranthene

Concen: 36.881 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

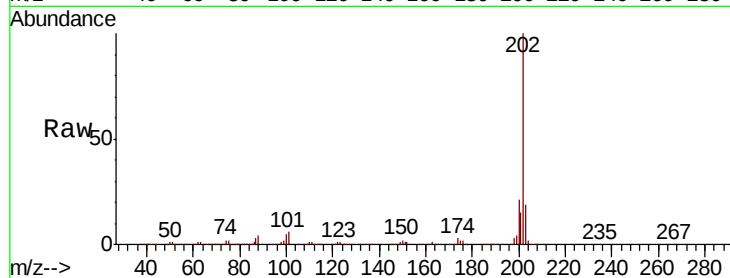
Tot Ion:202 Resp: 1045321

Ion Ratio Lower Upper

202 100

101 6.3 0.0 26.2

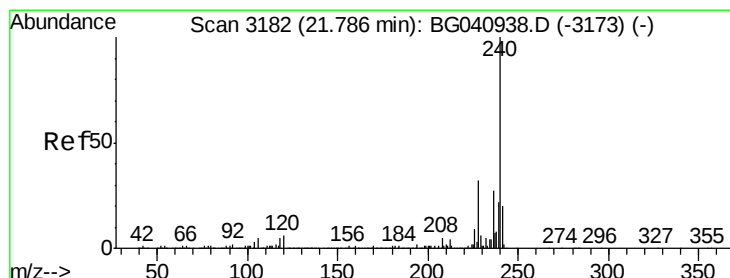
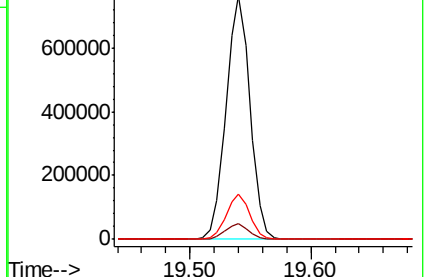
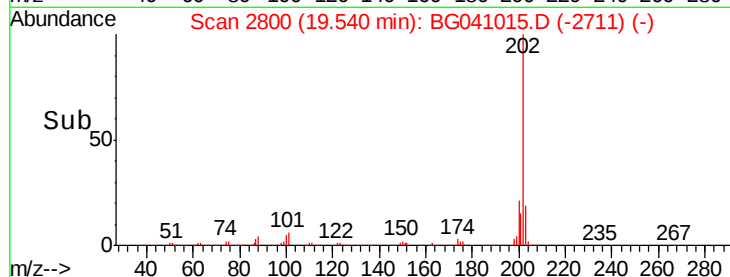
203 18.5 0.0 38.7



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: 21.78 min Scan# 3181

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

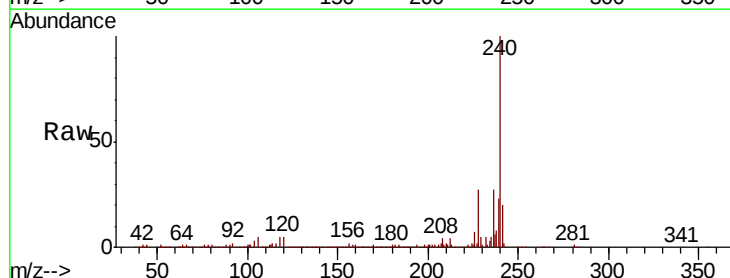
Tgt Ion:240 Resp: 422810

Ion Ratio Lower Upper

240 100

120 4.8 4.5 6.7

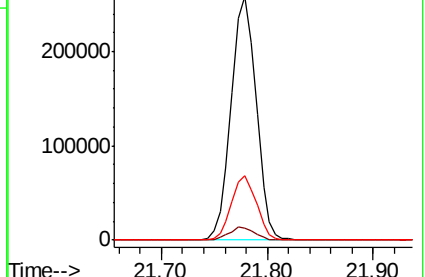
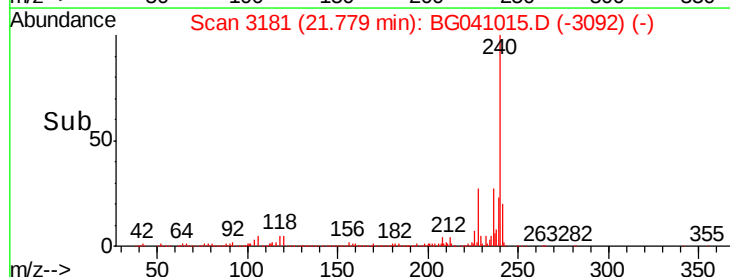
236 26.6 21.3 31.9

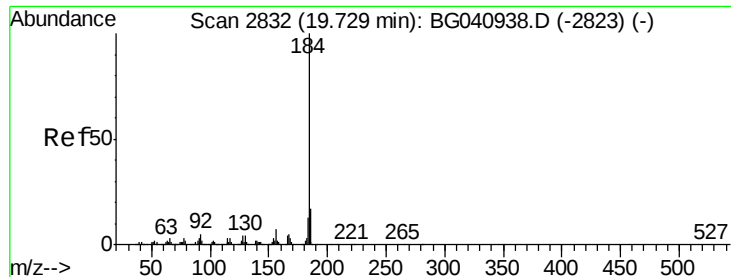


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 20.035 ng

RT: 19.72 min Scan# 2831

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

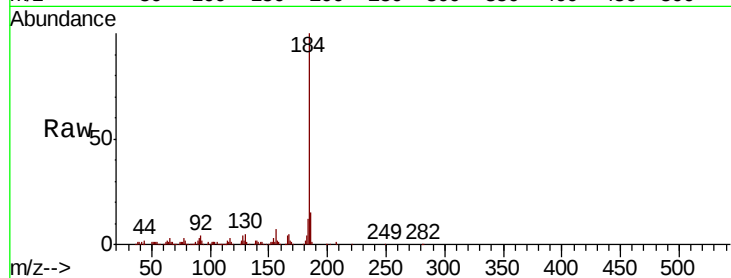
Tot Ion:184 Resp: 202082

Ion Ratio Lower Upper

184 100

185 14.8 13.3 19.9

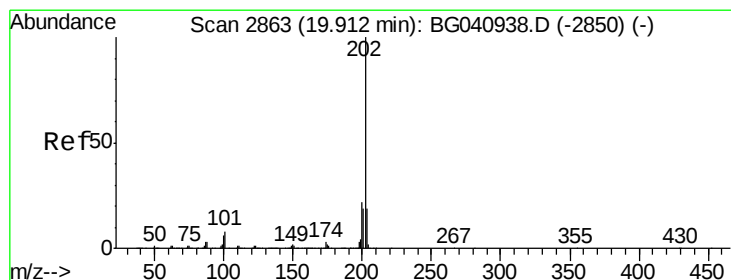
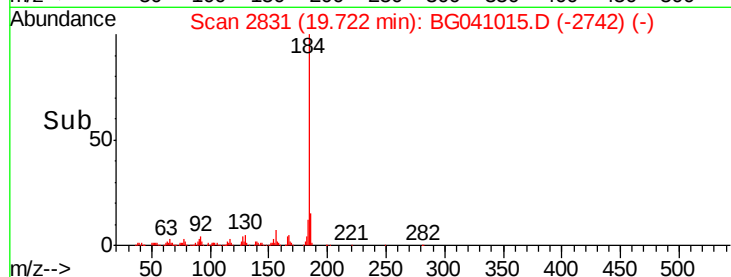
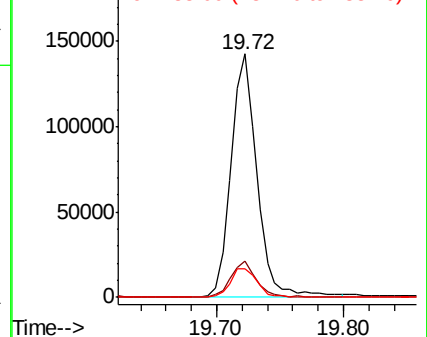
183 12.0 10.7 16.1



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: 38.114 ng

RT: 19.90 min Scan# 2862

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

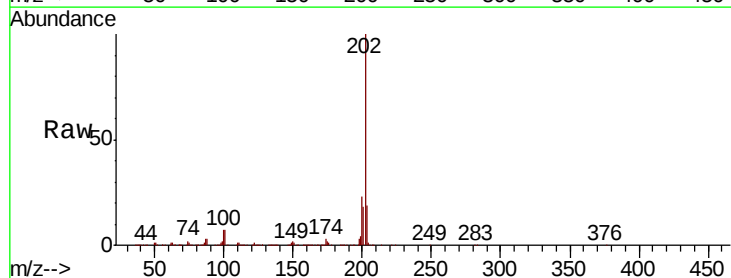
Tgt Ion:202 Resp: 1047584

Ion Ratio Lower Upper

202 100

200 22.8 17.5 26.3

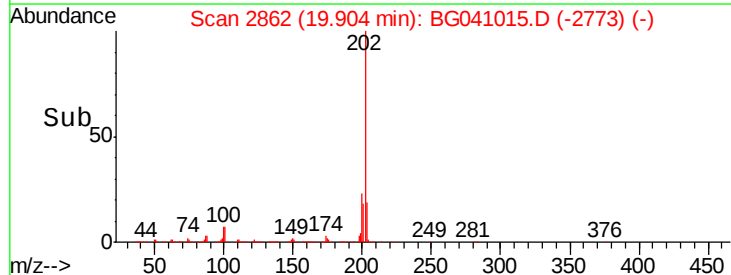
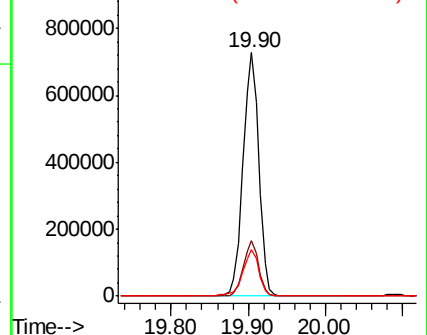
203 19.0 15.6 23.4



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: 81.717 ng

RT: 20.09 min Scan# 2894

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

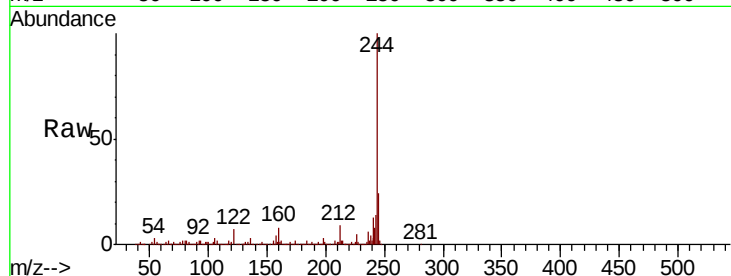
Tot Ion:244 Resp: 1627951

Ion	Ratio	Lower	Upper
244	100		
212	9.4	7.0	10.4
122	7.3	5.4	8.0

244 100

212 9.4 7.0 10.4

122 7.3 5.4 8.0

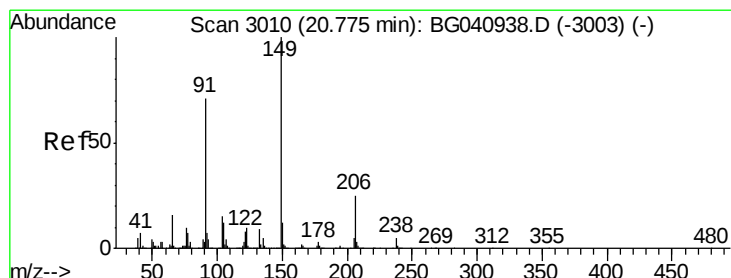
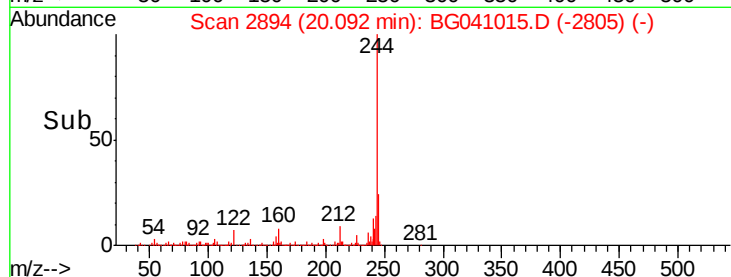
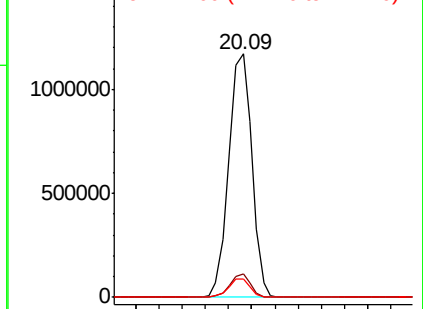


Abundance

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: 36.801 ng

RT: 20.77 min Scan# 3009

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

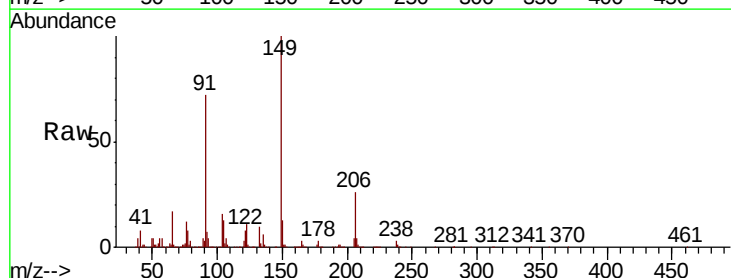
Tgt Ion:149 Resp: 393625

Ion	Ratio	Lower	Upper
149	100		
91	72.3	56.5	84.7
206	26.3	20.3	30.5

149 100

91 72.3 56.5 84.7

206 26.3 20.3 30.5

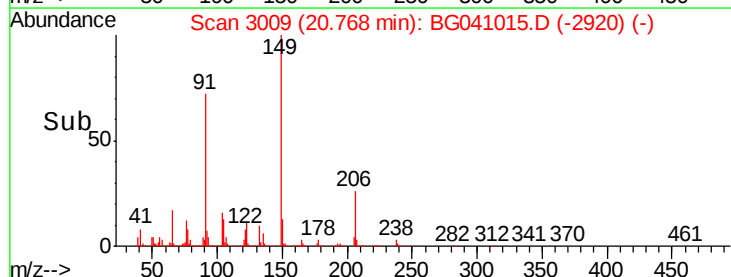
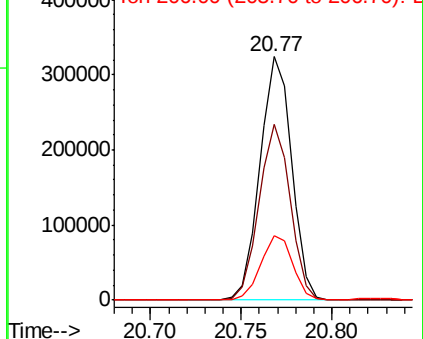


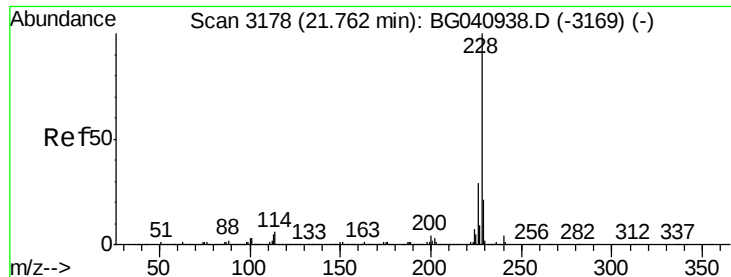
Abundance

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: 36.003 ng

RT: 21.76 min Scan# 3177

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

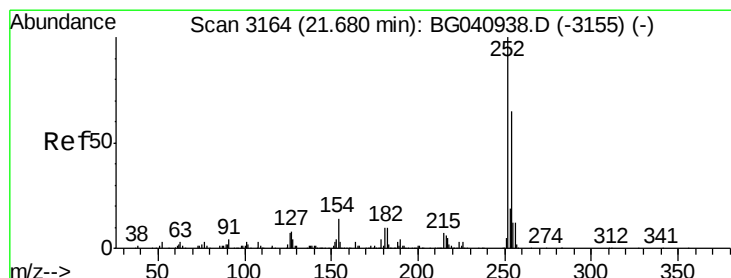
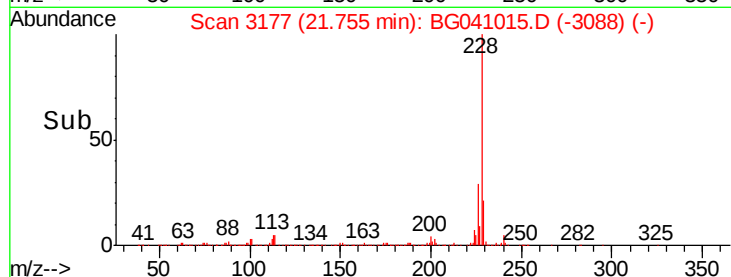
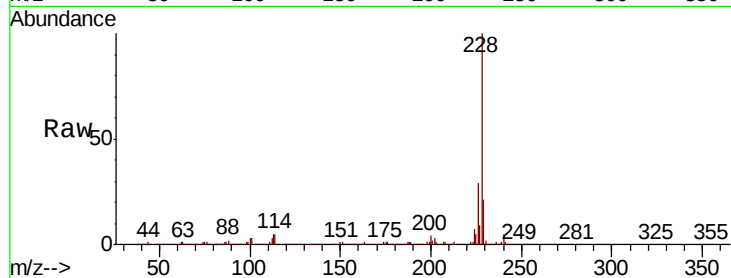
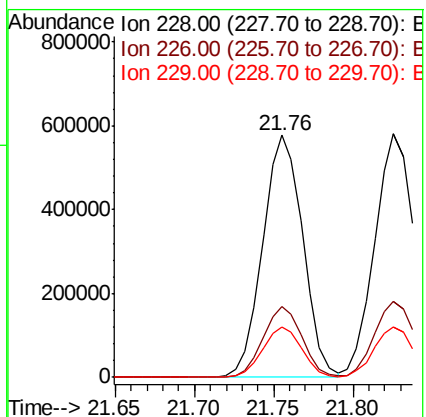
BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion:228 Resp: 1013307

Ion	Ratio	Lower	Upper
228	100		
226	29.1	23.5	35.3
229	20.7	16.7	25.1



#82

3,3'-Dichlorobenzidine

Concen: 19.051 ng

RT: 21.67 min Scan# 3162

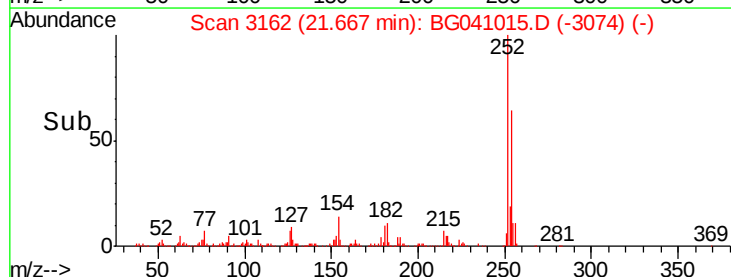
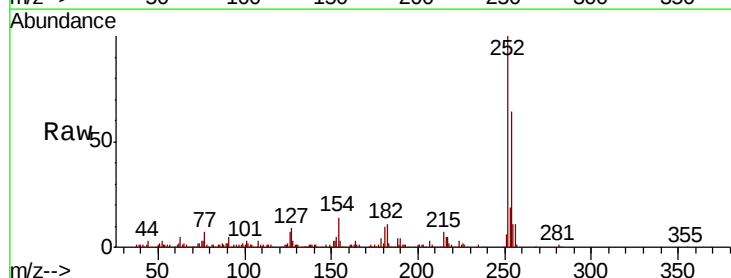
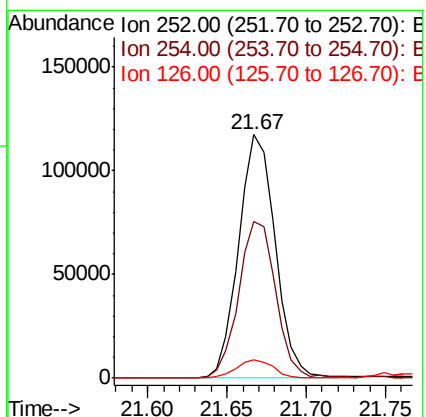
Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Tgt Ion:252 Resp: 188590

Ion	Ratio	Lower	Upper
252	100		
254	64.1	52.1	78.1
126	7.3	5.5	8.3





#83

Chrysene

Concen: 37.107 ng

RT: 21.83 min Scan# 3189

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

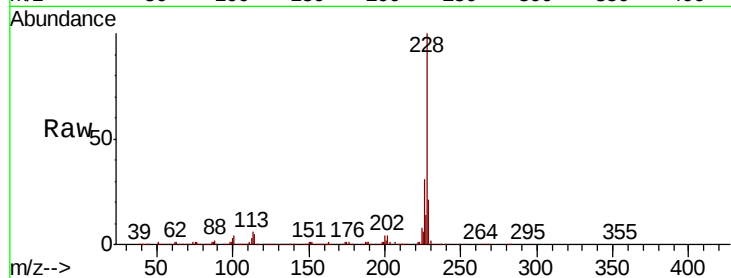
BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion:228 Resp: 999433

Ion	Ratio	Lower	Upper
228	100		
226	31.1	24.6	37.0
229	20.9	16.6	24.8

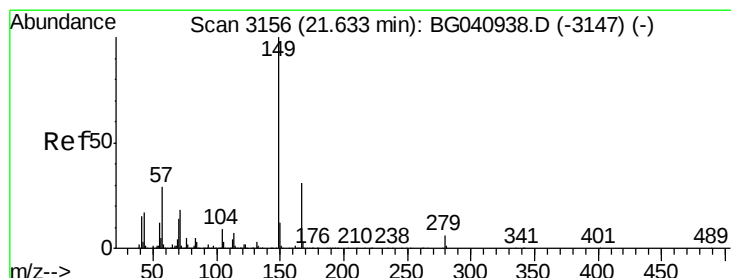
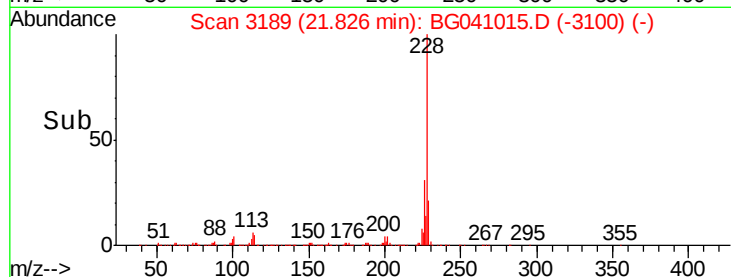
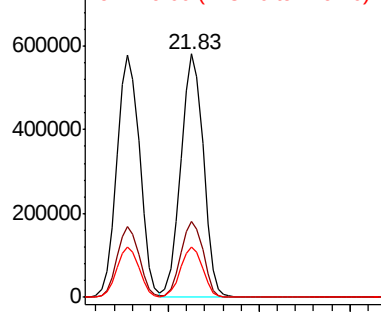


Abundance

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: 35.568 ng

RT: 21.63 min Scan# 3155

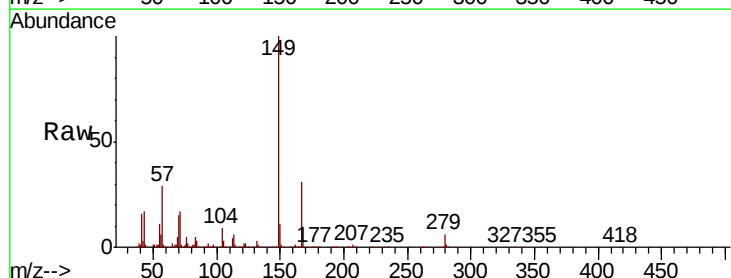
Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Tgt Ion:149 Resp: 535558

Ion	Ratio	Lower	Upper
149	100		
167	30.9	24.6	37.0
279	6.0	5.0	7.6

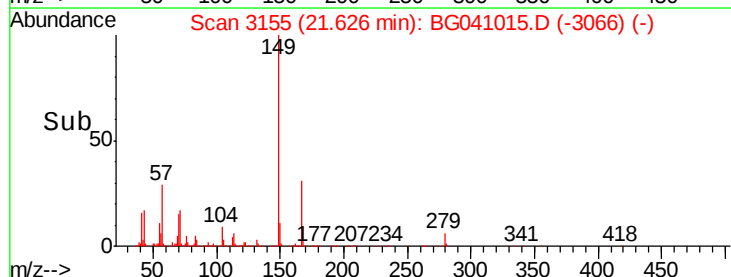
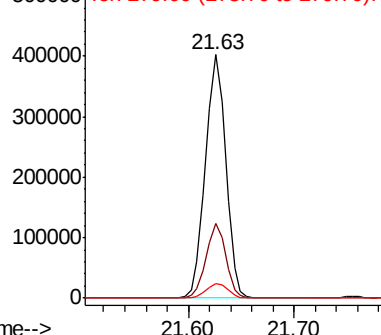


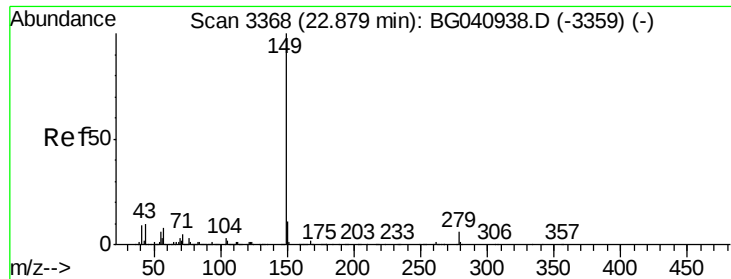
Abundance

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: 36.271 ng

RT: 22.87 min Scan# 3367

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument:

BNA_G

ClientSampleId:

FK-BPM-01-B1-C1-B1A-C1AMS

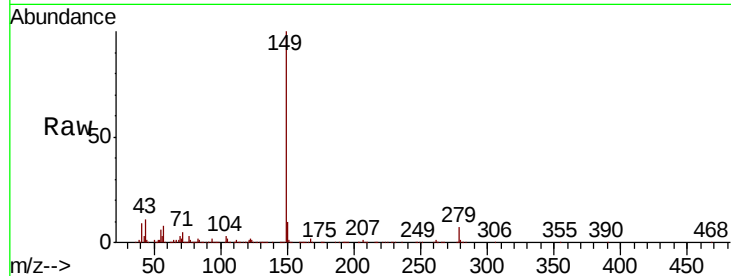
Tot Ion:149 Resp: 909566

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

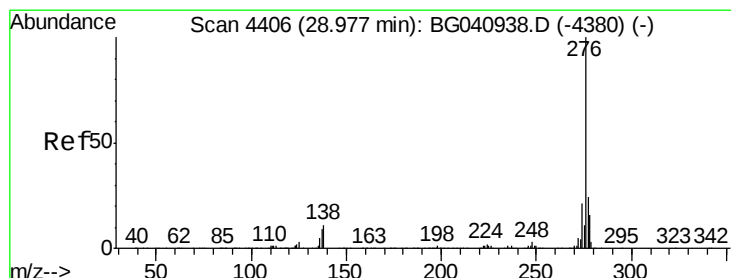
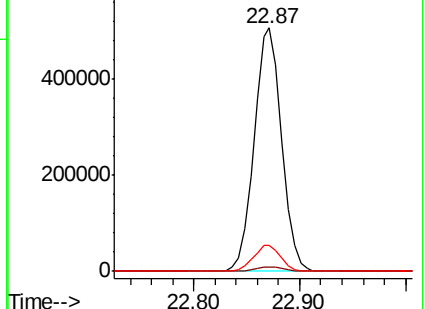
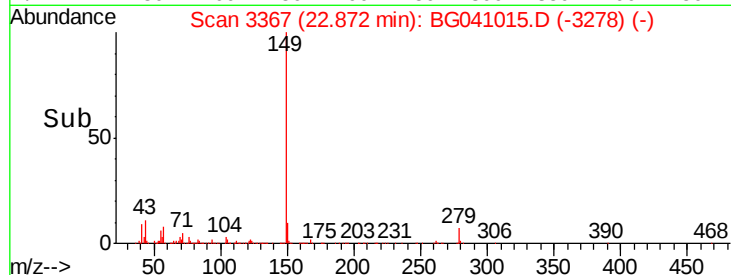
43 10.6 8.1 12.1



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: 36.649 ng

RT: 28.95 min Scan# 4401

Delta R.T. -0.03 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

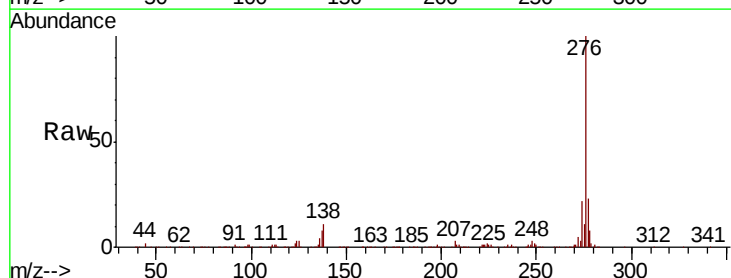
Tgt Ion:276 Resp: 1209163

Ion Ratio Lower Upper

276 100

138 8.6 5.7 8.5#

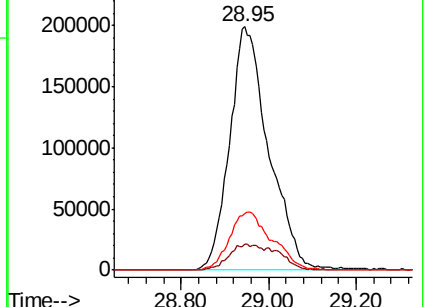
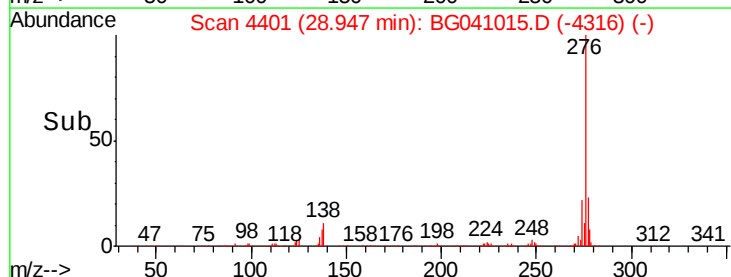
277 25.9 20.8 31.2

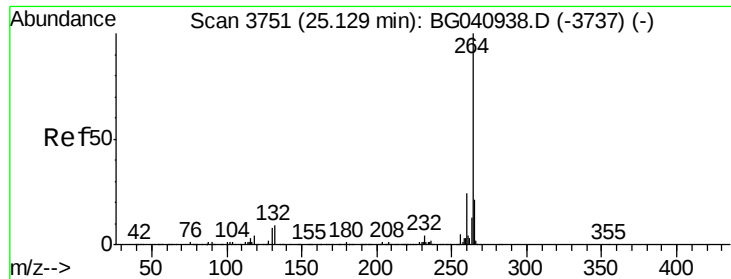


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.12 min Scan# 3749

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion:264 Resp: 448793

Ion	Ratio	Lower	Upper
264	100		
260	22.7	19.0	28.4
265	22.6	17.0	25.4

Abundance

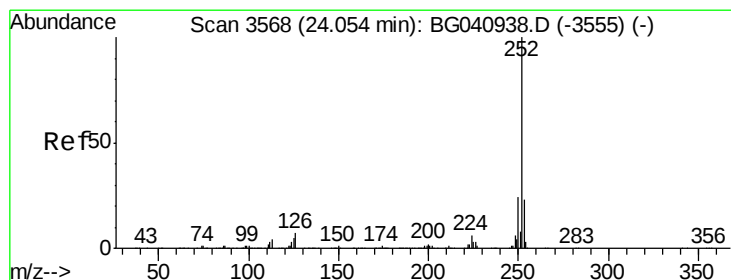
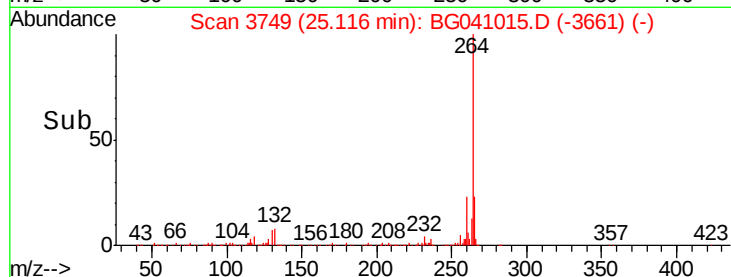
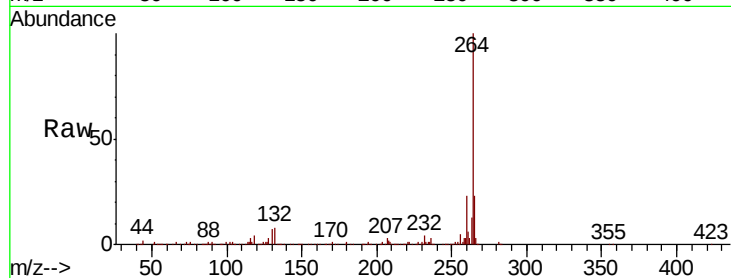
Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

25.12

Time-->



#88

Benzo(b)fluoranthene

Concen: 38.220 ng

RT: 24.05 min Scan# 3567

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Tgt Ion:252 Resp: 1040378

Ion	Ratio	Lower	Upper
252	100		
253	23.1	18.4	27.6
125	5.0	4.3	6.5

Abundance

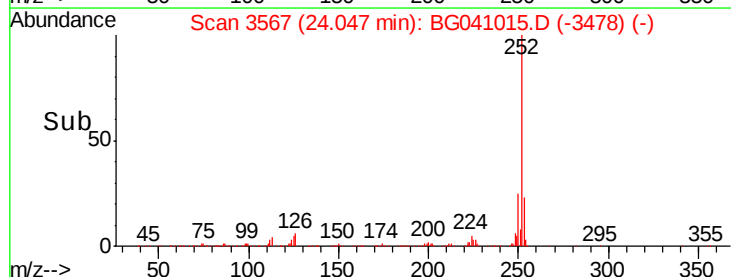
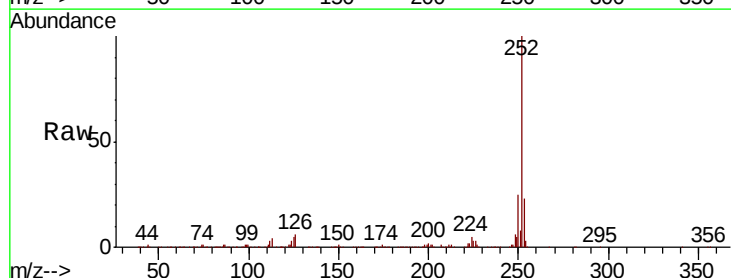
Ion 252.00 (251.70 to 252.70): E

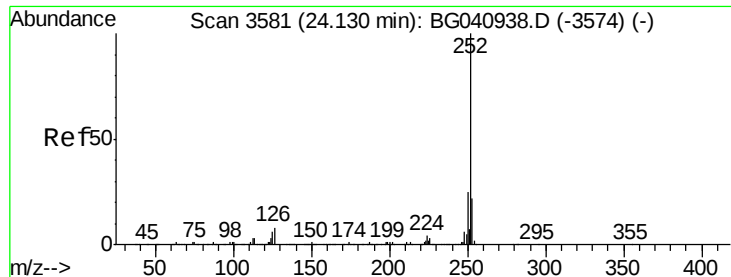
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

24.05

Time-->





#89

Benzo(k)fluoranthene

Concen: 37.001 ng

RT: 24.12 min Scan# 3579

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

Instrument :

BNA_G

ClientSampleId :

FK-BPM-01-B1-C1-B1A-C1AMS

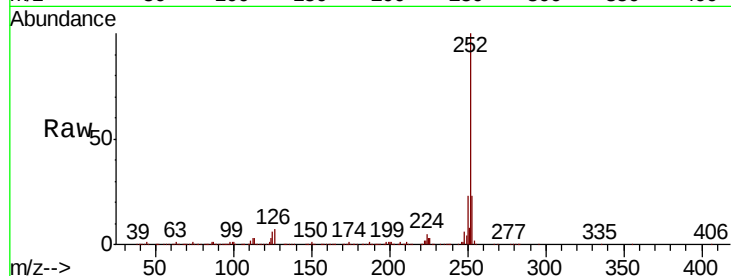
Tot Ion:252 Resp: 996689

Ion Ratio Lower Upper

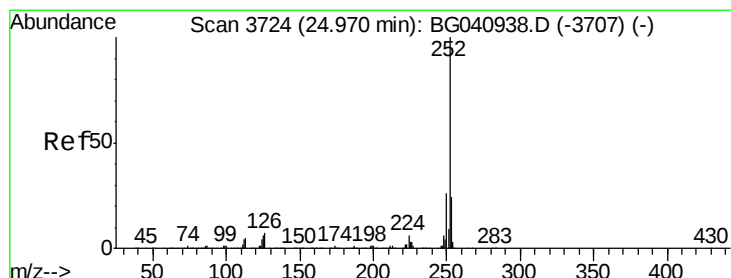
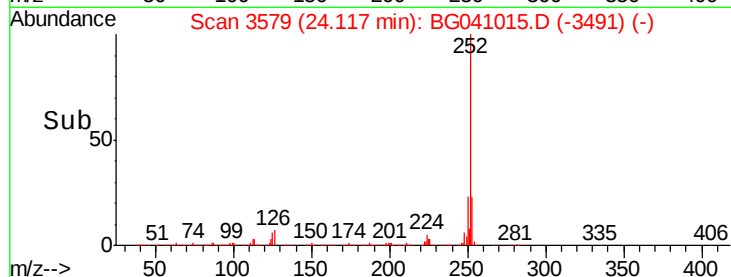
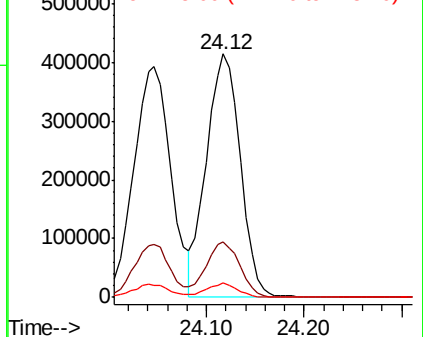
252 100

253 23.0 17.8 26.6

125 5.9 4.7 7.1



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: 38.767 ng

RT: 24.96 min Scan# 3722

Delta R.T. -0.01 min

Lab File: BG041015.D

Acq: 1 Jun 2019 16:48

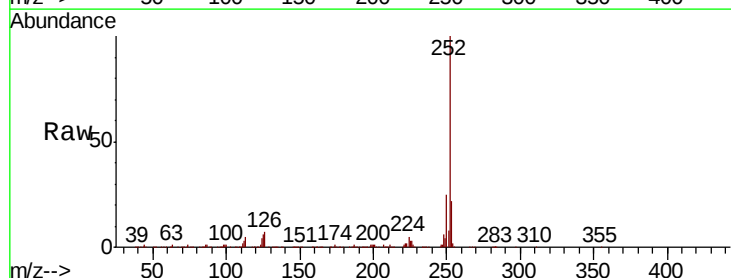
Tgt Ion:252 Resp: 1006812

Ion Ratio Lower Upper

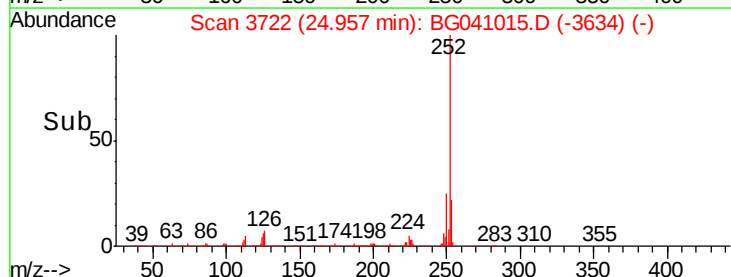
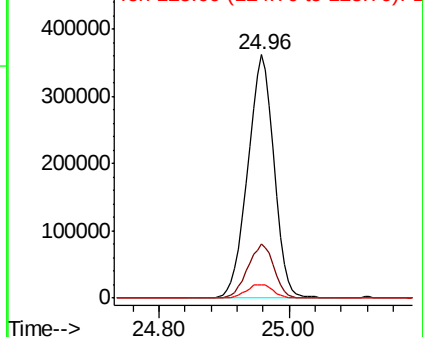
252 100

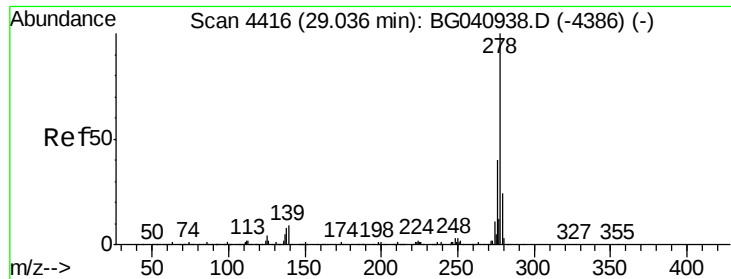
253 22.1 19.5 29.3

125 5.7 5.1 7.7



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

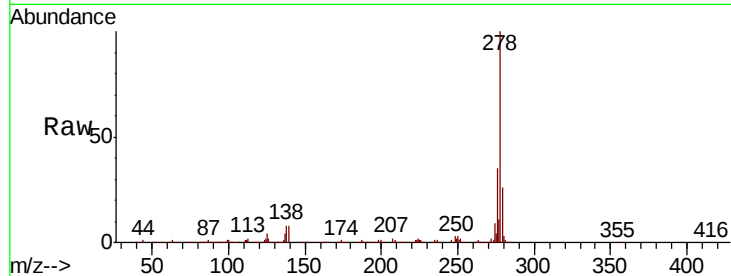




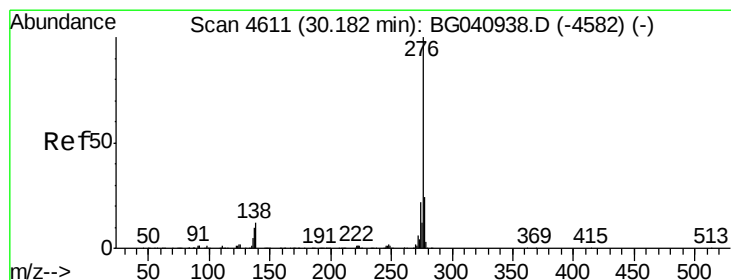
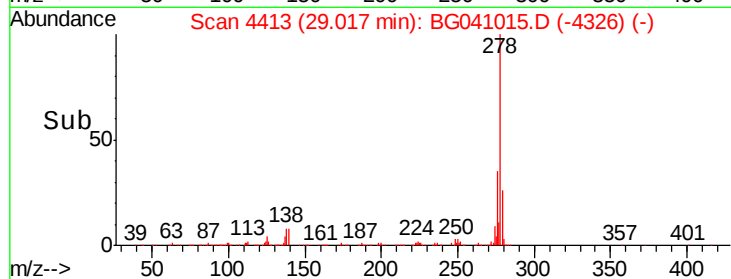
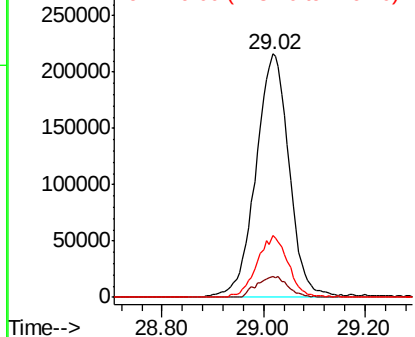
#91
Dibenzo(a,h)anthracene
Concen: 37.947 ng
RT: 29.02 min Scan# 4413
Delta R.T. -0.02 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Instrument :
BNA_G
ClientSampleId :
FK-BPM-01-B1-C1-B1A-C1AMS

Tot Ion:278 Resp: 984742
Ion Ratio Lower Upper
278 100
139 8.4 7.1 10.7
279 25.6 19.4 29.2

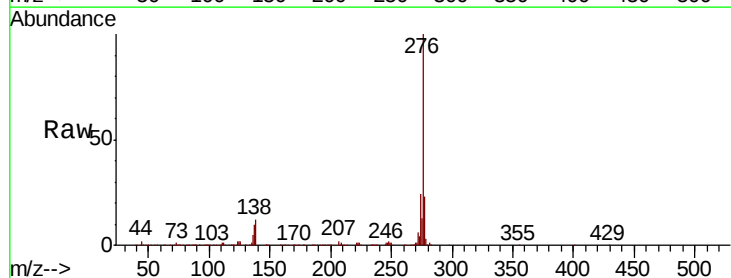


Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 39.498 ng
RT: 30.16 min Scan# 4608
Delta R.T. -0.02 min
Lab File: BG041015.D
Acq: 1 Jun 2019 16:48

Tgt Ion:276 Resp: 995795
Ion Ratio Lower Upper
276 100
277 23.4 19.4 29.0
138 12.0 9.7 14.5



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

