

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041142.D
 Acq On : 8 Jun 2019 20:35
 Operator : HP/JU
 Sample : K3246-01MS
 Misc :
 ALS Vial : 16 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 FK-PS-01-047MS

Quant Time: Jun 10 04:28:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG052919.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.11	152	50678	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	206042	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	141314	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	342922	20.00	ng	0.00
76) Chrysene-d12	21.76	240	337285	20.00	ng	0.00
87) Perylene-d12	25.09	264	367092	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	468129	166.57	ng	0.00
7) Phenol-d6	7.26	99	691624	159.35	ng	0.01
23) Nitrobenzene-d5	9.29	82	462699	99.69	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	316946	151.08	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	915972	93.35	ng	0.00
79) Terphenyl-d14	20.07	244	1376027	86.59	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	46580	36.524	ng	# 91
3) Pyridine	3.90	79	131685	34.896	ng	99
4) n-Nitrosodimethylamine	3.83	42	86138	49.183	ng	88
6) Aniline	7.43	93	126986	21.919	ng	95
8) 2-Chlorophenol	7.67	128	177713	53.040	ng	96
9) Benzaldehyde	7.24	77	58560	22.617	ng	97
10) Phenol	7.28	94	257435	55.317	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	163842	48.530	ng	97
12) 1,3-Dichlorobenzene	7.99	146	186989	46.726	ng	97
13) 1,4-Dichlorobenzene	8.14	146	186407	46.019	ng	97
14) 1,2-Dichlorobenzene	8.46	146	185134	47.072	ng	99
15) Benzyl Alcohol	8.35	79	200700	49.987	ng	94
16) 2,2'-oxybis(1-Chloropropan	8.62	45	249305	45.191	ng	99
17) 2-Methylphenol	8.54	107	170592	50.627	ng	99
18) Hexachloroethane	9.19	117	74125	47.479	ng	98
19) n-Nitroso-di-n-propylamine	8.91	70	157844	47.256	ng	96
20) 3+4-Methylphenols	8.87	107	233224	49.968	ng	99
22) Acetophenone	8.94	105	300714	52.028	ng	# 97
24) Nitrobenzene	9.33	77	245554	51.916	ng	99
25) Isophorone	9.84	82	443972	50.265	ng	99
26) 2-Nitrophenol	10.04	139	113157	58.033	ng	96
27) 2,4-Dimethylphenol	10.08	122	186917	58.043	ng	97
28) bis(2-Chloroethoxy)methane	10.32	93	235052	49.306	ng	98
29) 2,4-Dichlorophenol	10.57	162	215964	52.810	ng	96
30) 1,2,4-Trichlorobenzene	10.79	180	232488	49.975	ng	96
31) Naphthalene	10.98	128	563268	50.916	ng	99
32) Benzoic acid	10.18	122	28727	17.659	ng	92
33) 4-Chloroaniline	11.08	127	70376	13.711	ng	94
34) Hexachlorobutadiene	11.24	225	169400	47.590	ng	96
35) Caprolactam	11.88	113	61309m	45.399	ng	
36) 4-Chloro-3-methylphenol	12.20	107	230574	49.369	ng	96
37) 2-Methylnaphthalene	12.58	142	420171	49.315	ng	98
38) 1-Methylnaphthalene	12.79	142	399919m	49.810	ng	
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	309422	54.325	ng	99

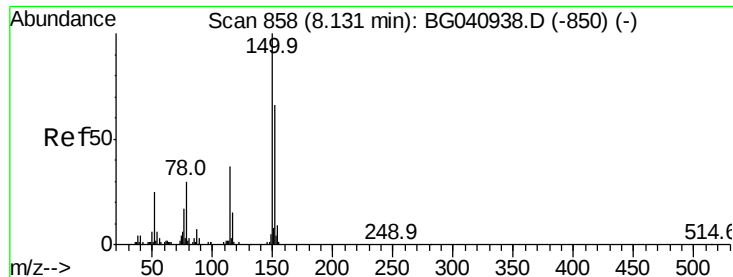
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041142.D
 Acq On : 8 Jun 2019 20:35
 Operator : HP/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Sun Jun 09 23:08:34 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	302062	96.737	nq	99
43) 2,4,6-Trichlorophenol	13.17	196	202596	54.984	nq	99
44) 2,4,5-Trichlorophenol	13.25	196	209386	53.883	nq	98
46) 1,1'-Biphenyl	13.58	154	565544	54.066	nq	99
47) 2-Chloronaphthalene	13.62	162	464966	51.778	nq	98
48) 2-Nitroaniline	13.83	65	162414	50.415	nq	98
49) Acenaphthylene	14.46	152	701630	51.913	nq	100
50) Dimethylphthalate	14.19	163	712739	59.582	nq	99
51) 2,6-Dinitrotoluene	14.32	165	132643	51.428	nq	97
52) Acenaphthene	14.80	154	410872	50.182	nq	98
53) 3-Nitroaniline	14.65	138	82410	31.953	nq	93
54) 2,4-Dinitrophenol	14.86	184	66619	57.274	nq	97
55) Dibenzofuran	15.13	168	708096	51.397	nq	98
56) 4-Nitrophenol	14.95	139	201567	113.943	nq	94
57) 2,4-Dinitrotoluene	15.10	165	190609	52.318	nq	98
58) Fluorene	15.79	166	547339	49.886	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.36	232	208055	54.480	nq	98
60) Diethylphthalate	15.54	149	597110	48.912	nq	99
61) 4-Chlorophenyl-phenylether	15.77	204	348454	48.862	nq	97
62) 4-Nitroaniline	15.81	138	129463	47.415	nq	94
63) Azobenzene	16.06	77	545397	49.154	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	87013	47.468	nq	97
66) n-Nitrosodiphenylamine	15.98	169	500884	51.959	nq	99
67) 4-Bromophenyl-phenylether	16.66	248	222552	48.090	nq	98
68) Hexachlorobenzene	16.78	284	232109	47.101	nq	100
69) Atrazine	16.93	200	213740	57.463	nq	100
70) Pentachlorophenol	17.12	266	254581	95.561	nq	98
71) Phenanthrene	17.52	178	898237	50.287	nq	99
72) Anthracene	17.62	178	917120	52.059	nq	99
73) Carbazole	17.89	167	805339	53.277	nq	99
74) Di-n-butylphthalate	18.42	149	923265	49.142	nq	98
75) Fluoranthene	19.53	202	1127863	51.120	nq	99
77) Benzidine	19.71	184	332242	41.293	nq	97
78) Pyrene	19.89	202	1126816	51.392	nq	99
80) Butylbenzylphthalate	20.76	149	437509	51.275	nq	99
81) Benzo(a)anthracene	21.74	228	1095972	48.814	nq	98
82) 3,3'-Dichlorobenzidine	21.65	252	176693	22.375	nq	99
83) Chrysene	21.81	228	1080002	50.267	nq	96
84) Bis(2-ethylhexyl)phthalate	21.61	149	605672	50.425	nq	98
85) Di-n-octyl phthalate	22.85	149	1018879	50.933	nq	99
86) Indeno(1,2,3-cd)pyrene	28.91	276	1320596	50.176	nq	# 96
88) Benzo(b)fluoranthene	24.02	252	1128249	50.673	nq	100
89) Benzo(k)fluoranthene	24.09	252	1069978	48.562	nq	98
90) Benzo(a)pyrene	24.93	252	1091772	51.395	nq	98
91) Dibenzo(a,h)anthracene	28.98	278	1078347	50.803	nq	99
92) Benzo(g,h,i)perylene	30.12	276	1085761	52.652	nq	98

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

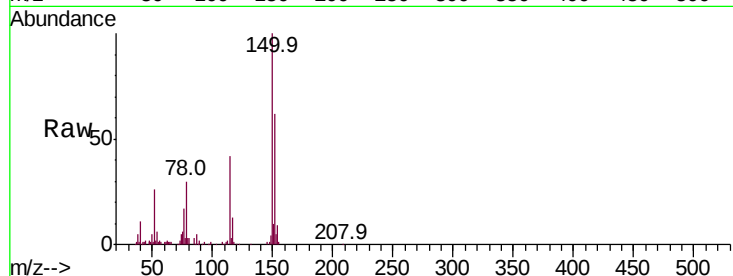


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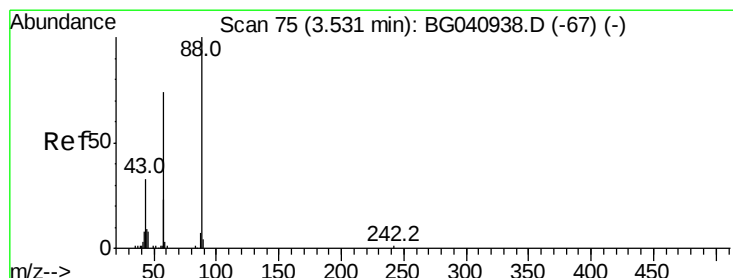
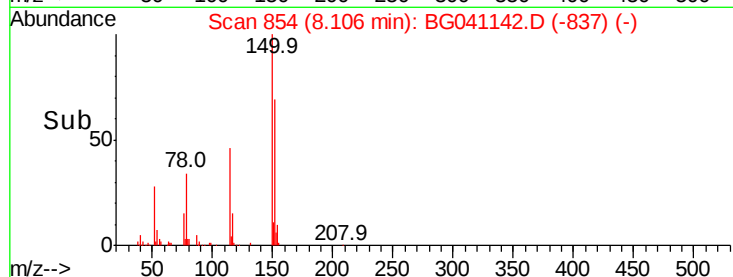
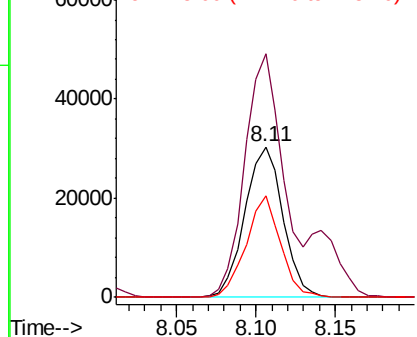
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.11 min Scan# 854
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MS

Tot Ion:152 Resp: 50678
Ion Ratio Lower Upper
152 100
150 161.6 120.6 180.8
115 67.5 45.1 67.7



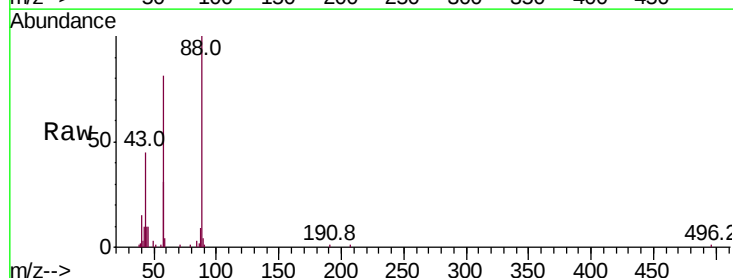
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



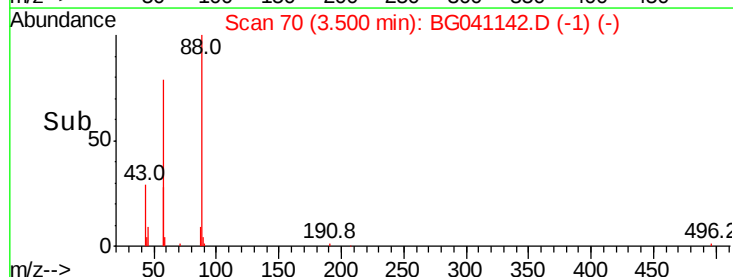
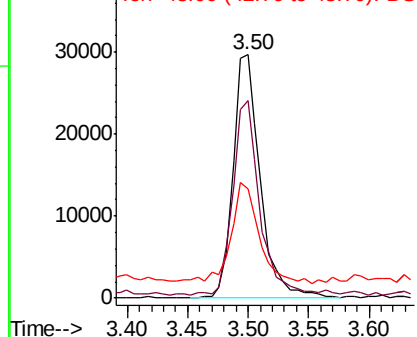
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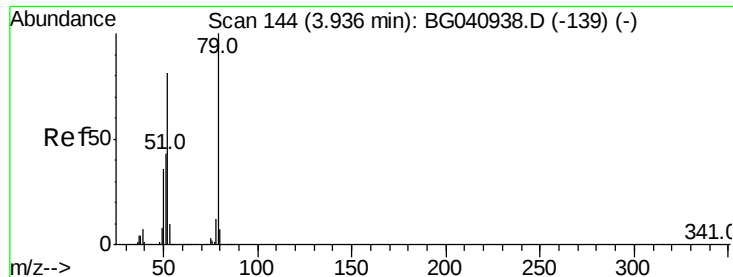
1,4-Dioxane
Concen: 36.524 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Tgt Ion: 88 Resp: 46580
Ion Ratio Lower Upper
88 100
58 78.1 59.0 88.6
43 44.1 27.2 40.8#



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





#3

Pvridine

Concen: 34.896 ng

RT: 3.90 min Scan# 139

Delta R.T. -0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

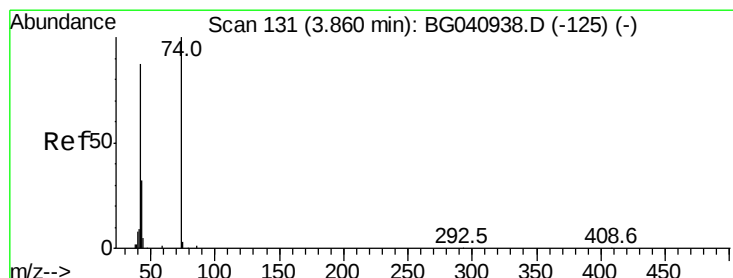
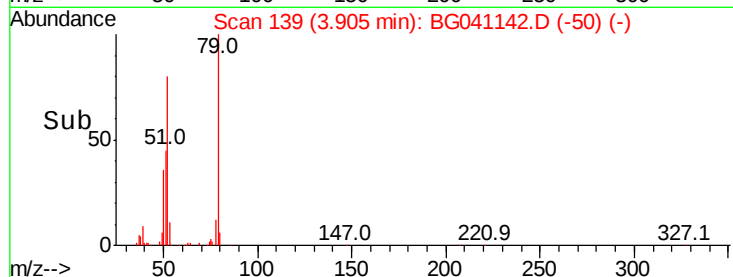
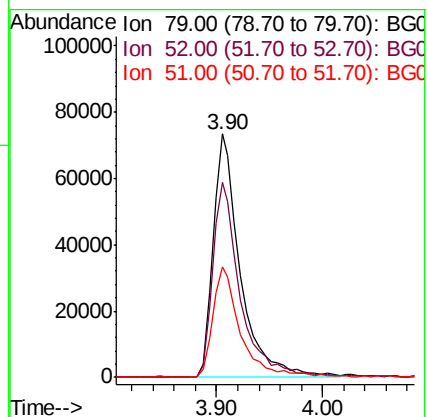
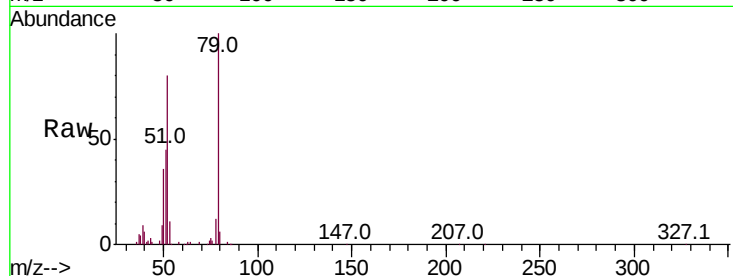
Tot Ion: 79 Resp: 131685

Ion Ratio Lower Upper

79 100

52 79.9 64.8 97.2

51 45.3 35.3 52.9



#4

n-Nitrosodimethylamine

Concen: 49.183 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

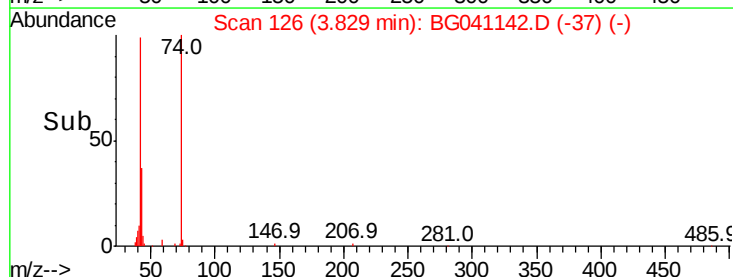
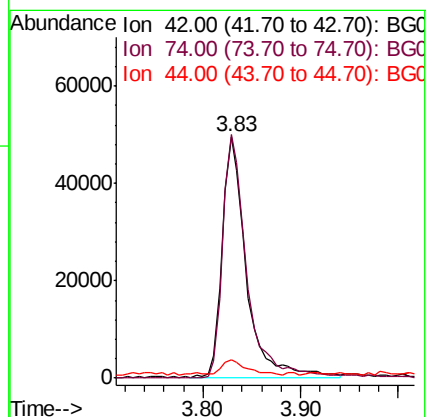
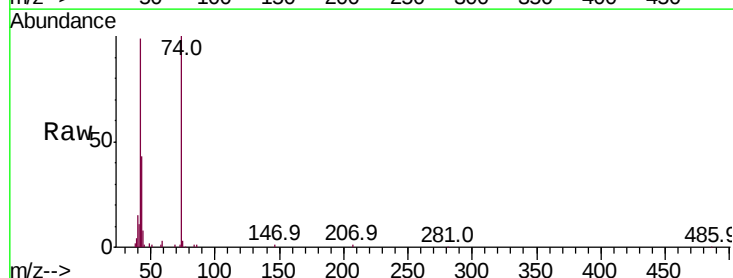
Tgt Ion: 42 Resp: 86138

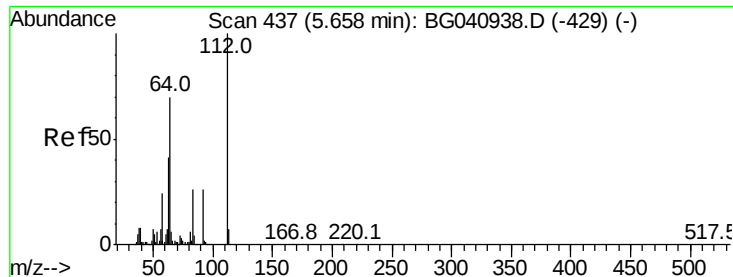
Ion Ratio Lower Upper

42 100

74 100.8 91.8 137.6

44 7.9 6.0 9.0





#5

2-Fluorophenol

Concen: 166.568 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

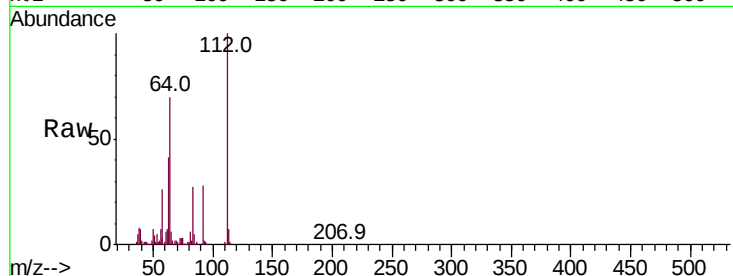
Tot Ion:112 Resp: 468129

Ion Ratio Lower Upper

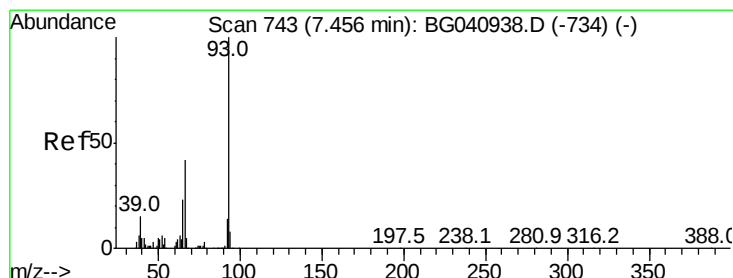
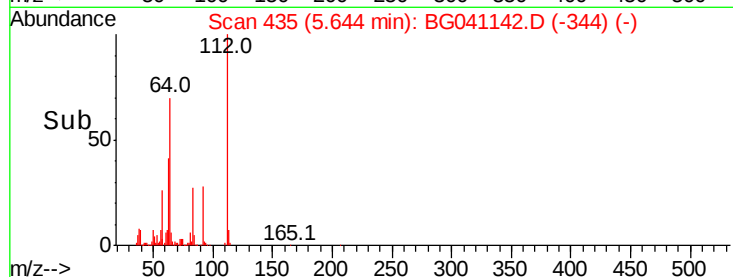
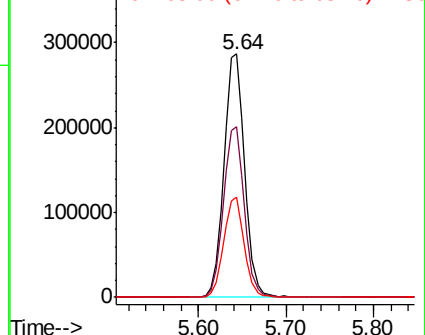
112 100

64 70.1 56.2 84.2

63 41.2 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: 21.919 ng

RT: 7.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

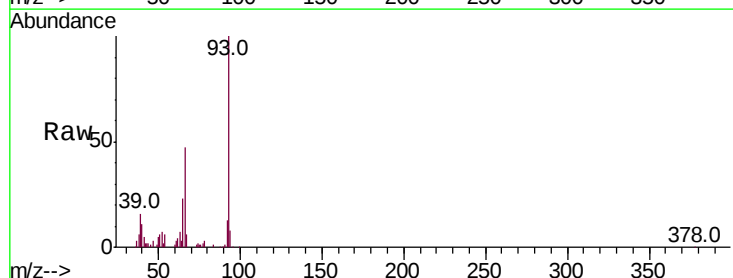
Tgt Ion: 93 Resp: 126986

Ion Ratio Lower Upper

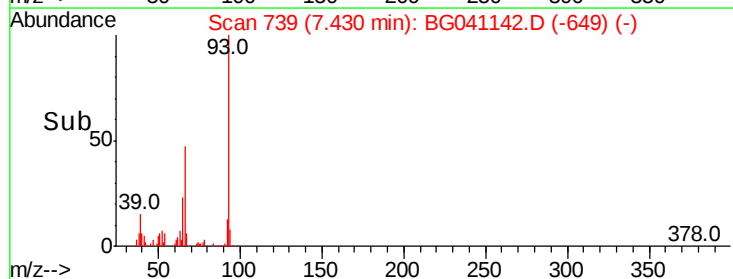
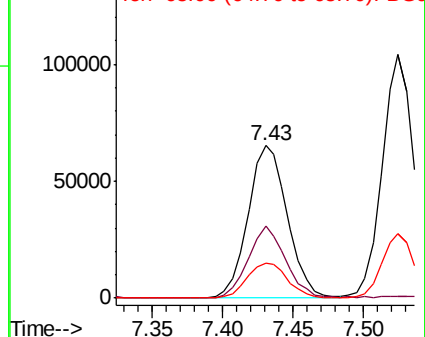
93 100

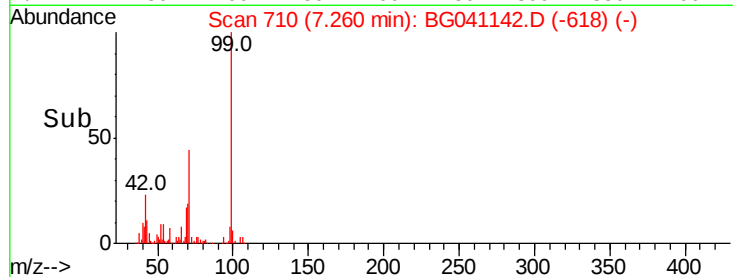
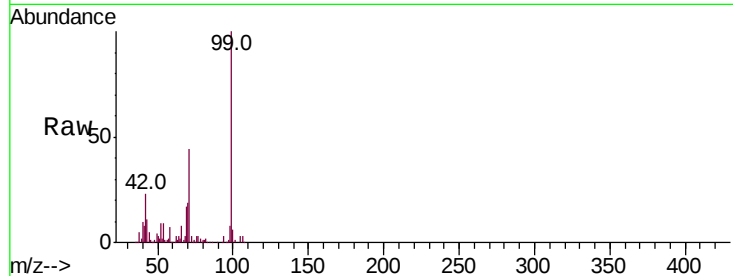
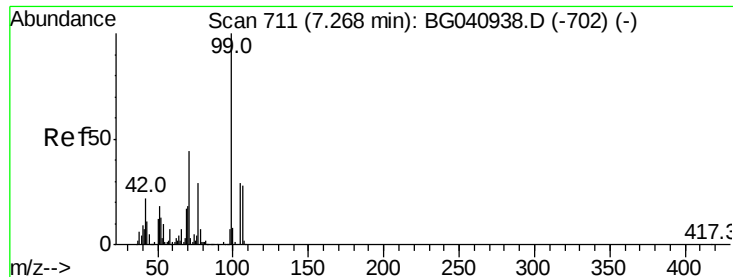
66 47.0 33.8 50.8

65 22.8 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: 159.345 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

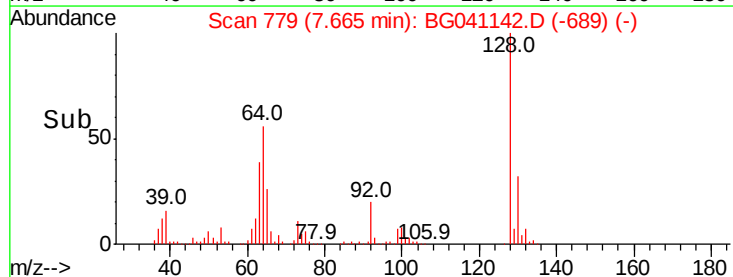
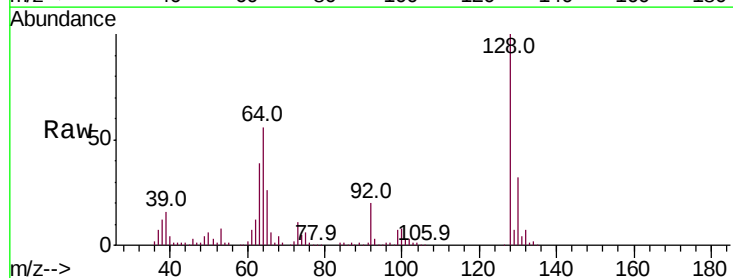
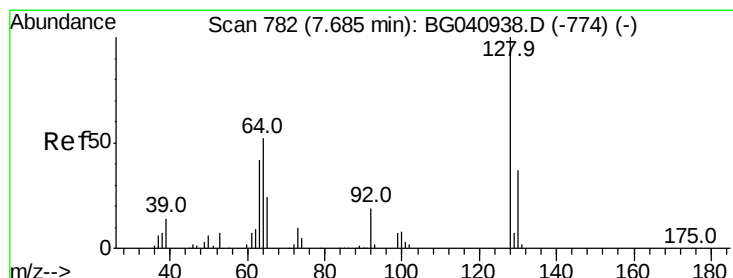
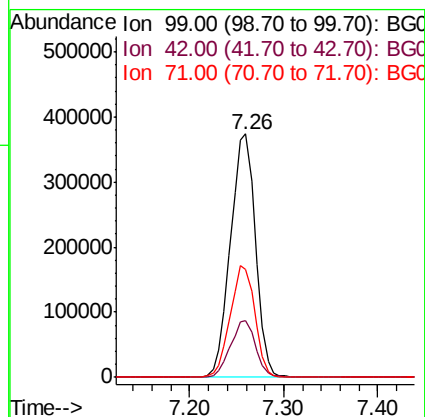
Tot Ion: 99 Resp: 691624

Ion Ratio Lower Upper

99 100

42 23.0 17.9 26.9

71 44.3 35.4 53.0



#8

2-Chlorophenol

Concen: 53.040 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

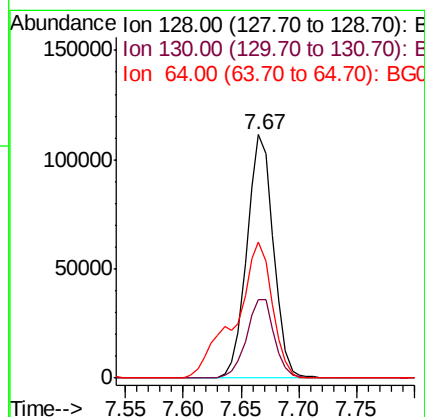
Tgt Ion:128 Resp: 177713

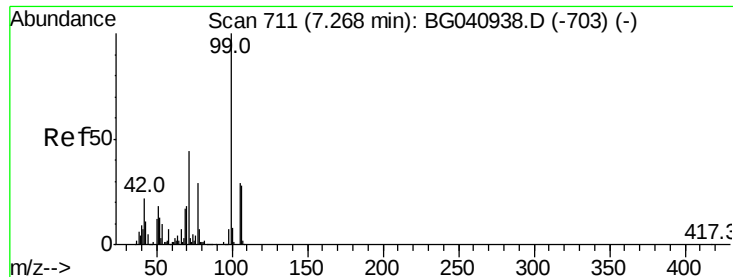
Ion Ratio Lower Upper

128 100

130 32.4 16.6 56.6

64 56.1 37.8 77.8





#9

Benzaldehyde

Concen: 22.617 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

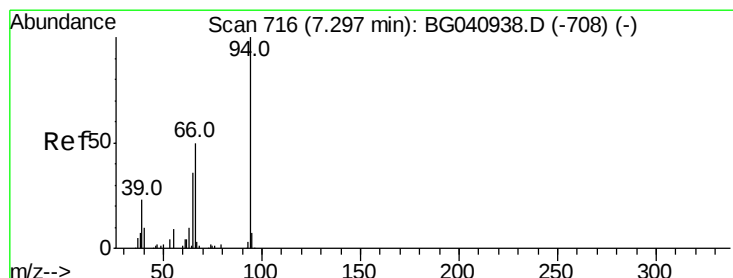
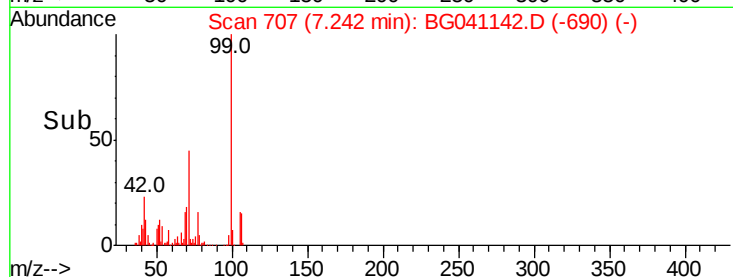
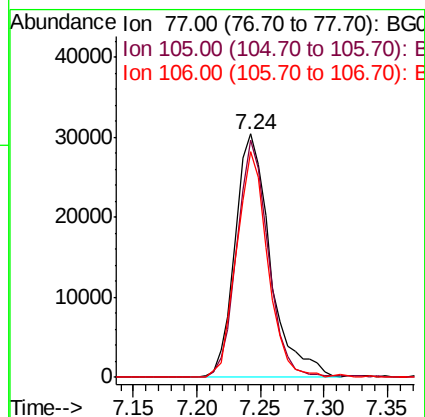
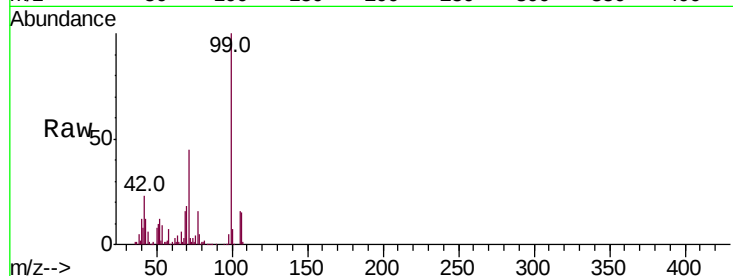
Tot Ion: 77 Resp: 58560

Ion Ratio Lower Upper

77 100

105 97.6 78.9 118.9

106 92.6 76.7 116.7



#10

Phenol

Concen: 55.317 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

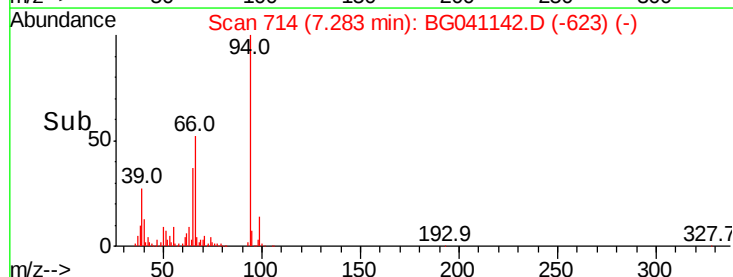
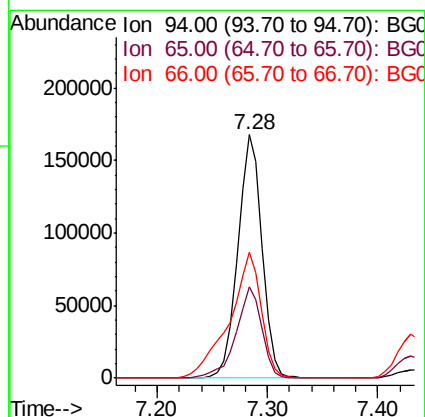
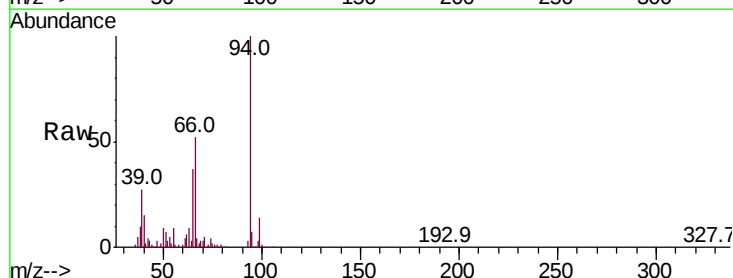
Tgt Ion: 94 Resp: 257435

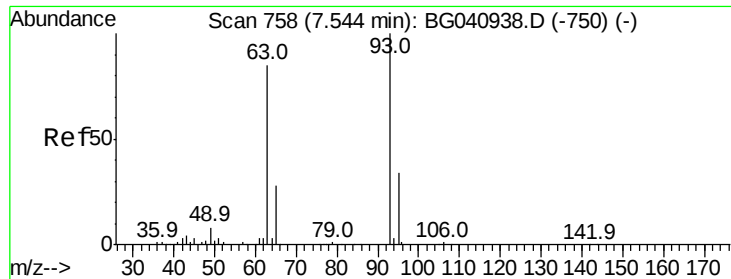
Ion Ratio Lower Upper

94 100

65 37.5 17.0 57.0

66 51.5 32.4 72.4

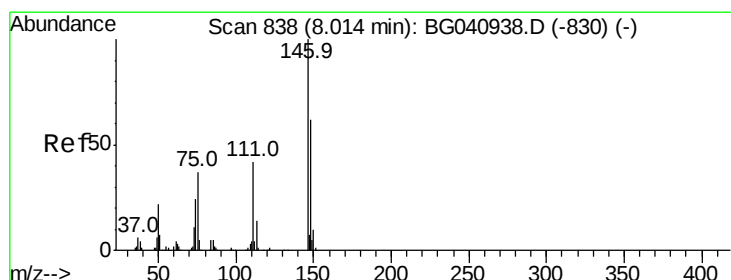
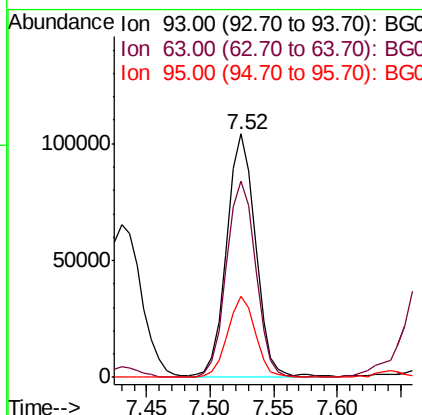
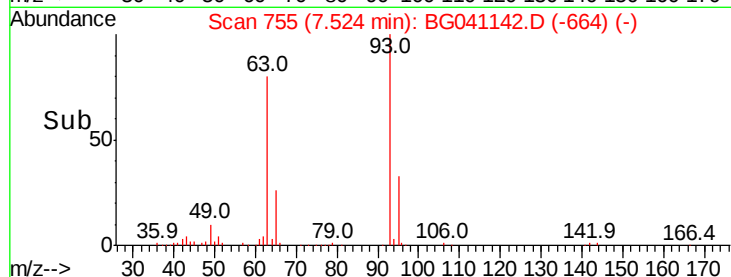
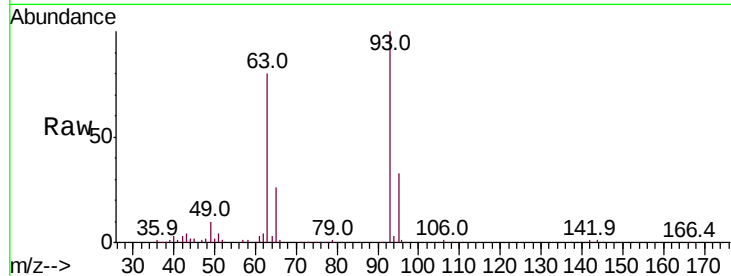




#11
bis(2-Chloroethyl)ether
Concen: 48.530 ng
RT: 7.52 min Scan# 755
Delta R.T. 0.01 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

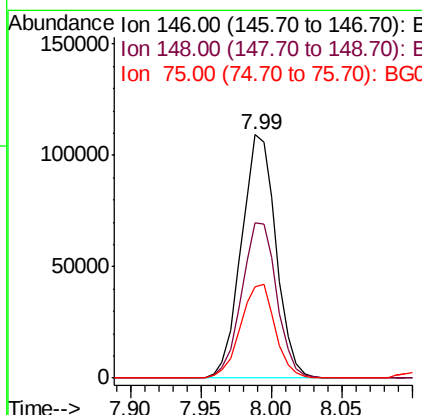
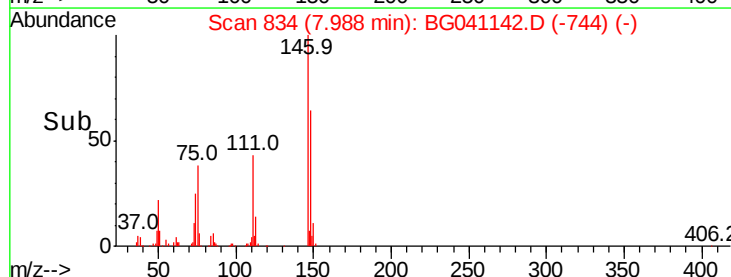
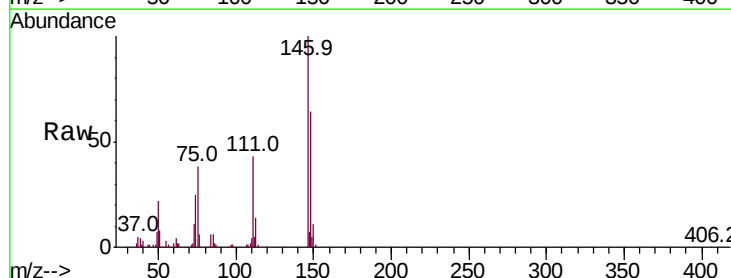
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MS

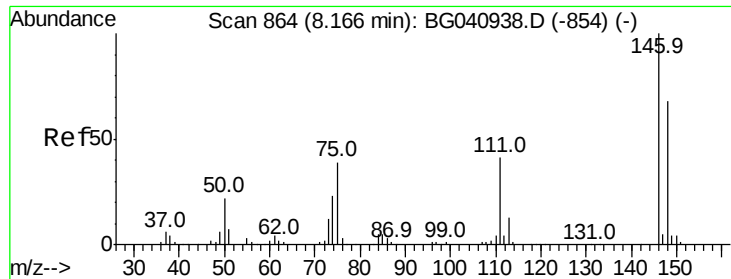
Tot Ion: 93 Resp: 163842
Ion Ratio Lower Upper
93 100
63 80.4 64.5 104.5
95 33.4 13.3 53.3



#12
1,3-Dichlorobenzene
Concen: 46.726 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Tgt Ion: 146 Resp: 186989
Ion Ratio Lower Upper
146 100
148 63.9 49.2 73.8
75 37.6 29.4 44.0

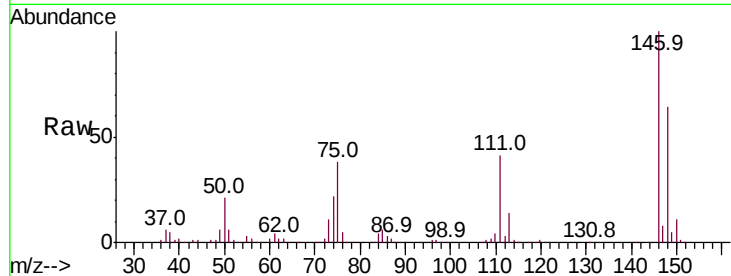




#13
 1,4-Dichlorobenzene
 Concen: 46.019 ng
 RT: 8.14 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BG041142.D
 Acq: 8 Jun 2019 20:35

Instrument :
 BNA_G
 ClientSampleId :
 FK-PS-01-047MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.7	54.2	81.4
111	40.6	32.9	49.3

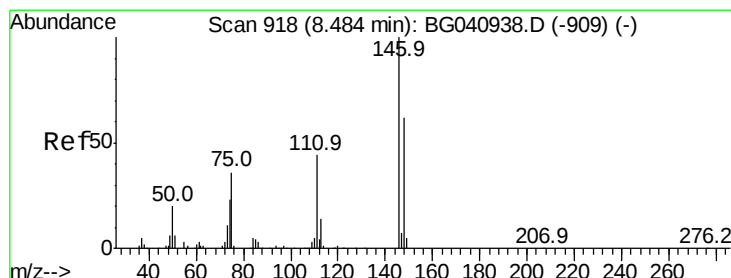
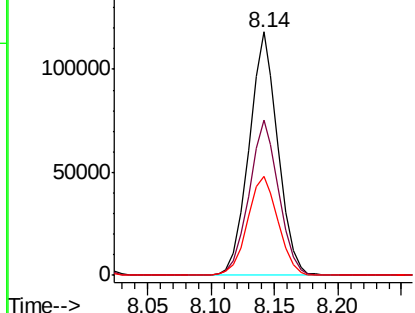
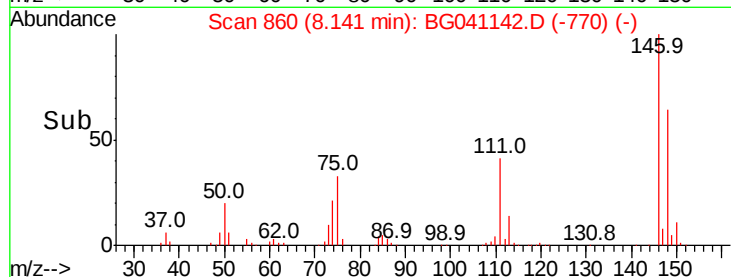


Abundance

Ion 146.00 (145.70 to 146.70): E

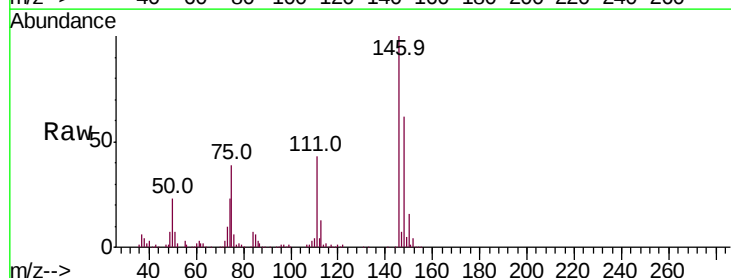
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 47.072 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BG041142.D
 Acq: 8 Jun 2019 20:35

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.6	49.8	74.6
111	43.4	35.0	52.4

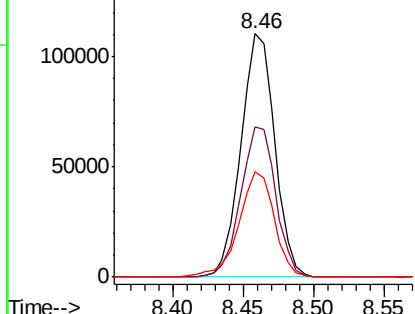
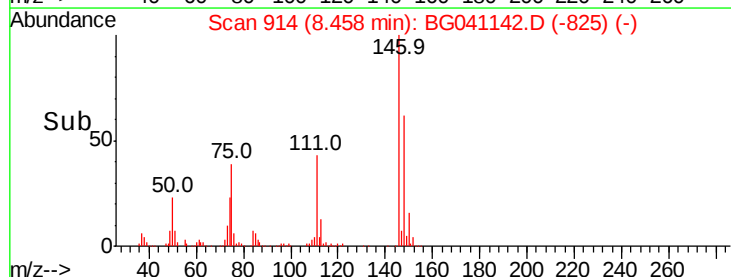


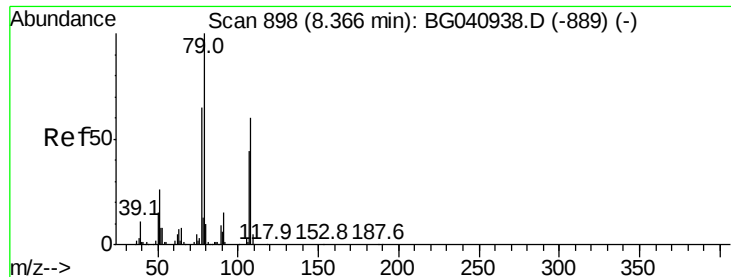
Abundance

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: 49.987 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

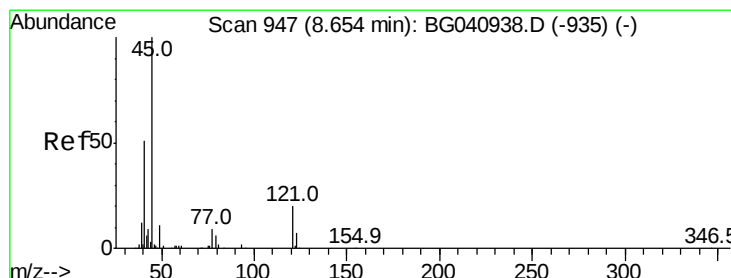
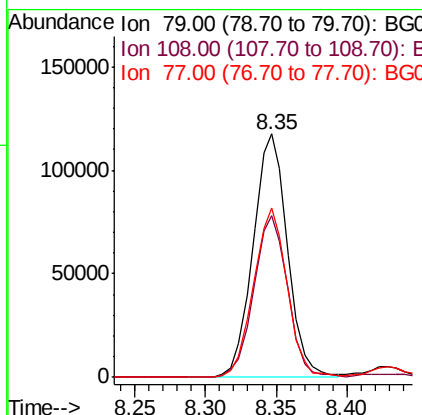
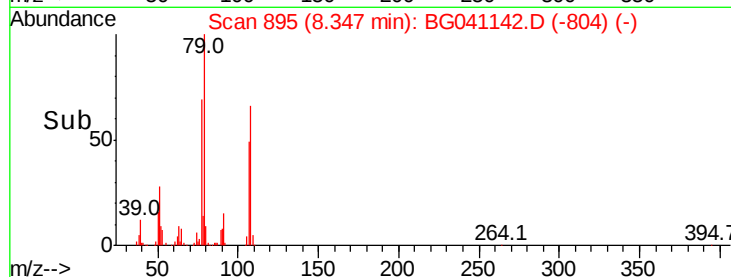
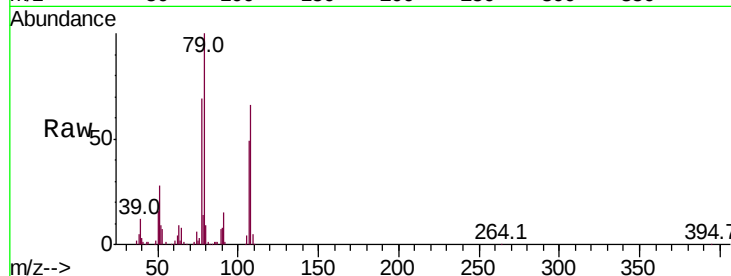
Tot Ion: 79 Resp: 200700

Ion Ratio Lower Upper

79 100

108 66.4 48.3 72.5

77 69.5 52.3 78.5



#16

2,2'-oxybis(1-Chloropropane)

Concen: 45.191 ng

RT: 8.62 min Scan# 942

Delta R.T. -0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

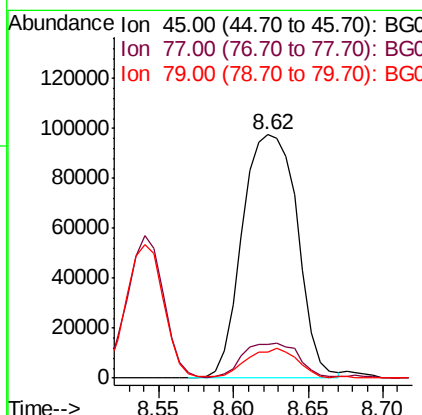
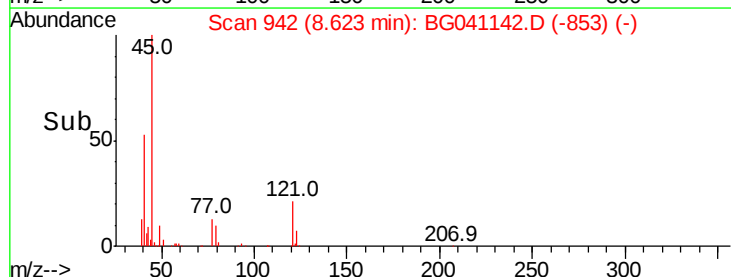
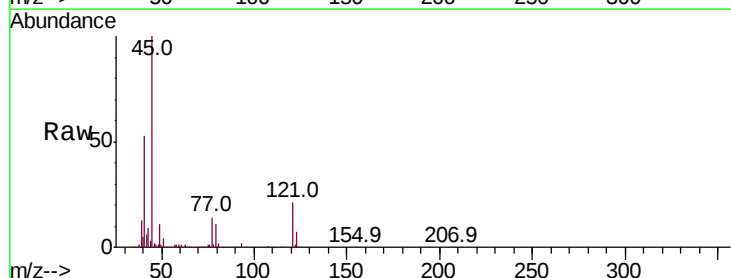
Tgt Ion: 45 Resp: 249305

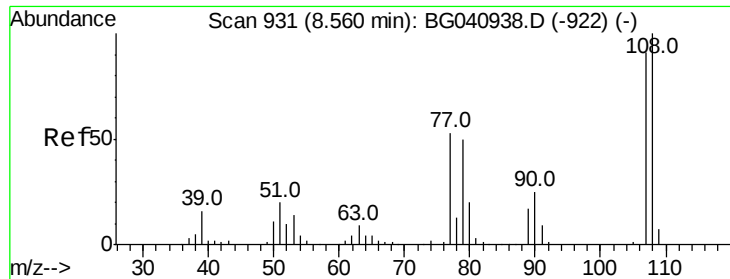
Ion Ratio Lower Upper

45 100

77 14.0 0.0 33.7

79 10.6 0.0 30.2

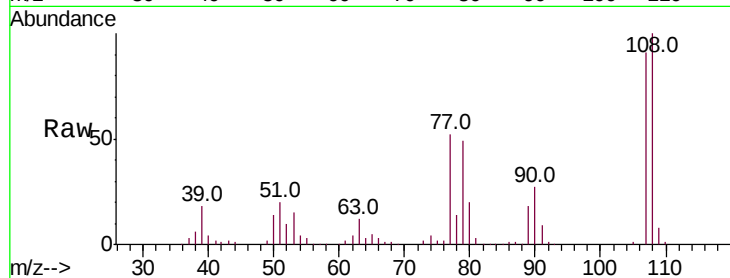




#17
2-Methylphenol
Concen: 50.627 ng
RT: 8.54 min Scan# 928
Delta R.T. 0.01 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MS

Tot Ion:	107	Resp:	170592
Ion	Ratio	Lower	Upper
107	100		
108	109.6	87.7	131.5
77	57.2	46.6	70.0
79	53.3	44.6	66.8



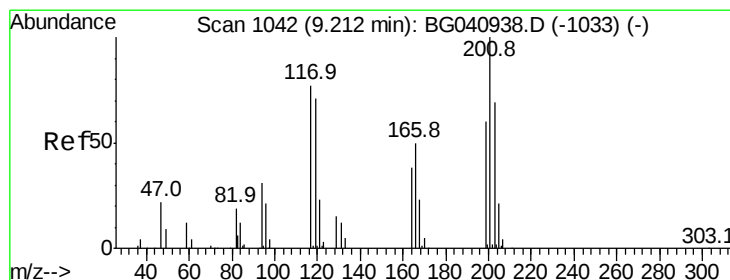
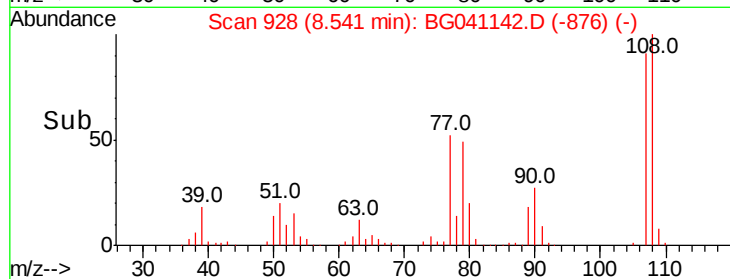
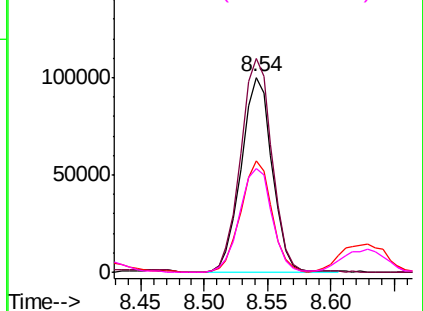
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

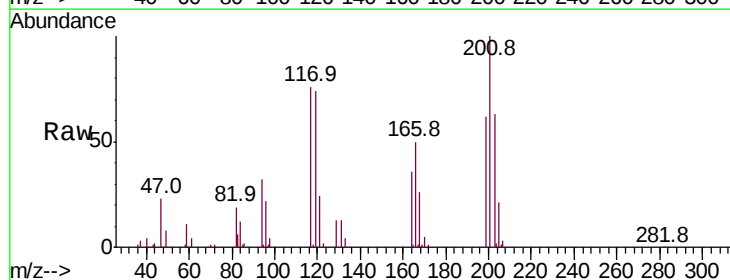
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 47.479 ng
RT: 9.19 min Scan# 1038
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Tgt Ion:	117	Resp:	74125
Ion	Ratio	Lower	Upper
117	100		
119	96.3	75.0	112.6
201	130.9	103.5	155.3

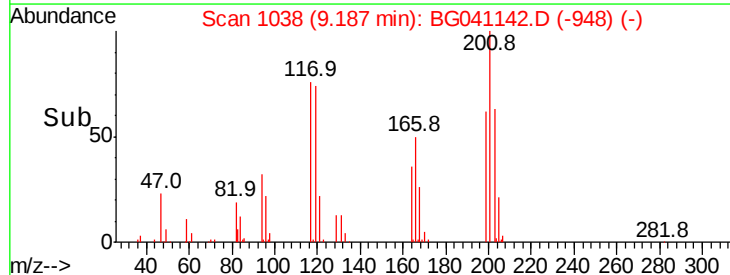
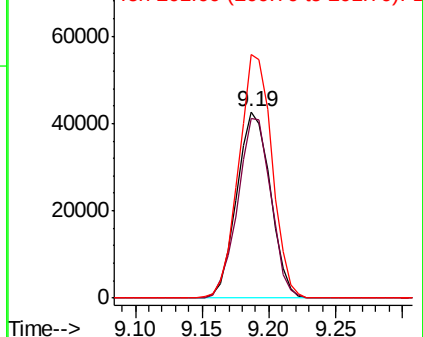


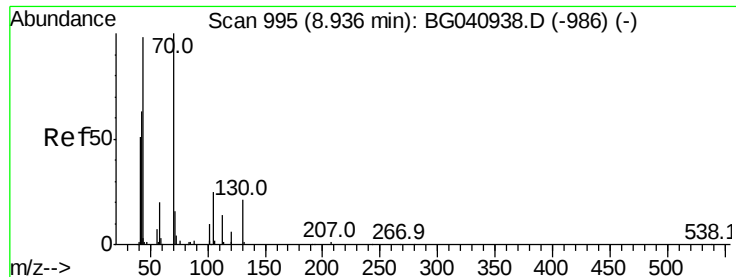
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





#19

n-Nitroso-di-n-propylamine

Concen: 47.256 ng

RT: 8.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

Tot Ion: 70 Resp: 157844

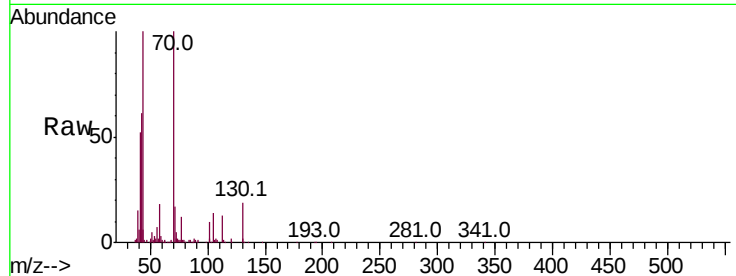
Ion Ratio Lower Upper

70 100

42 60.5 51.5 77.3

101 10.0 8.1 12.1

130 19.4 16.6 24.8



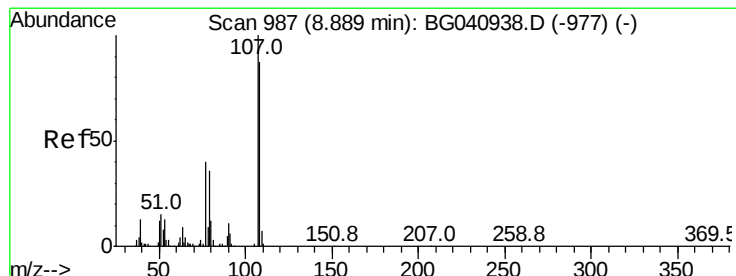
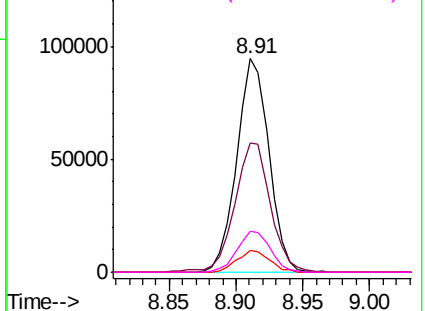
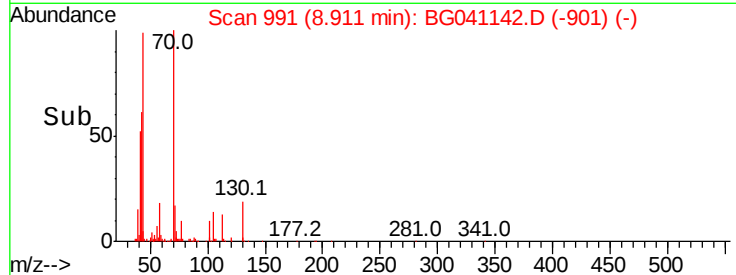
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20

3+4-Methylphenols

Concen: 49.968 ng

RT: 8.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Tgt Ion: 107 Resp: 233224

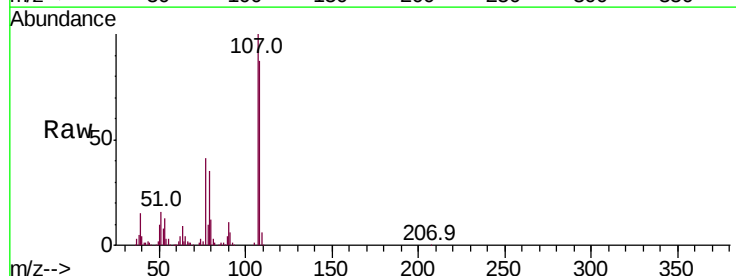
Ion Ratio Lower Upper

107 100

108 87.0 66.8 106.8

77 41.2 20.5 60.5

79 34.7 15.8 55.8



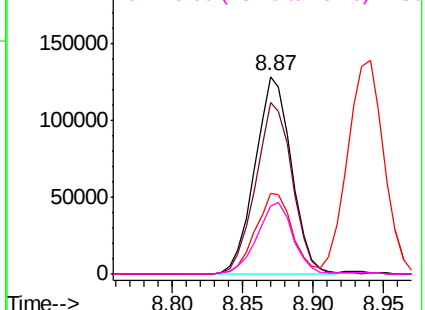
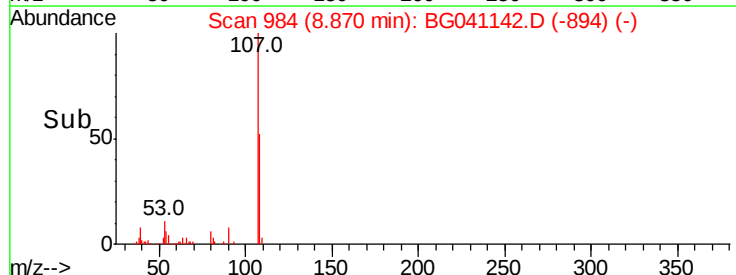
Abundance

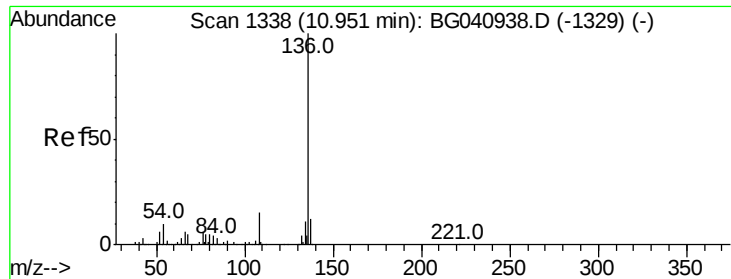
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.93 min Scan# 1334

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

Tot Ion:136 Resp: 206042

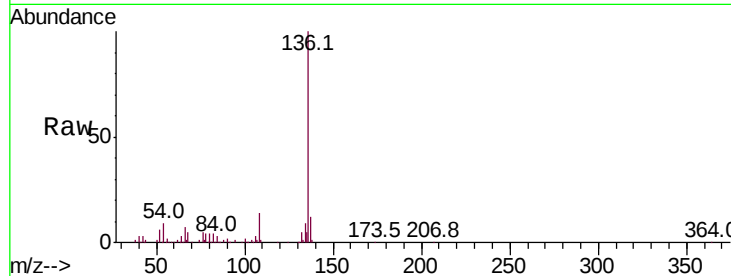
Ion Ratio Lower Upper

136 100

137 11.5 9.5 14.3

54 8.6 7.6 11.4

68 5.4 3.9 5.9

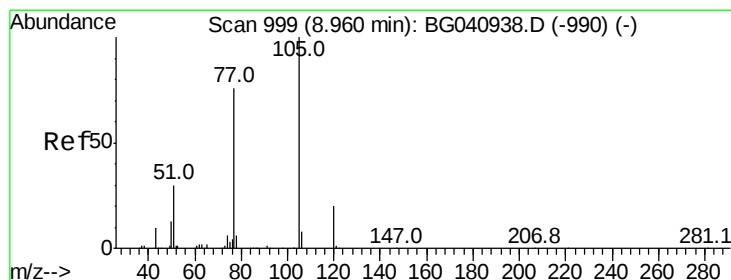
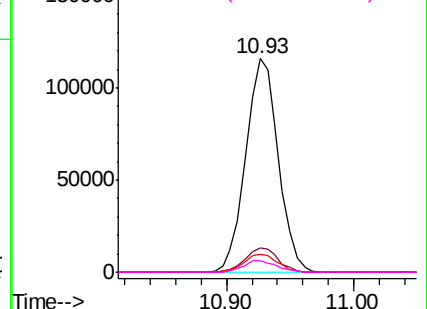
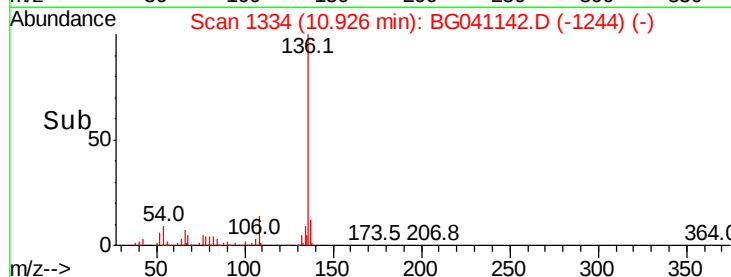


Abundance Ion 136.00 (135.70 to 136.70): E

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: 52.028 ng

RT: 8.94 min Scan# 996

Delta R.T. 0.01 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Tgt Ion:105 Resp: 300714

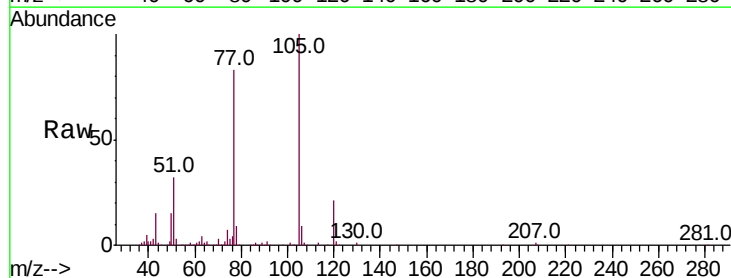
Ion Ratio Lower Upper

105 100

71 0.3 0.4 0.6#

51 31.8 27.0 40.6

120 21.3 16.2 24.4

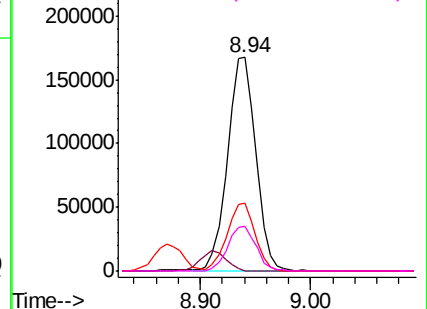
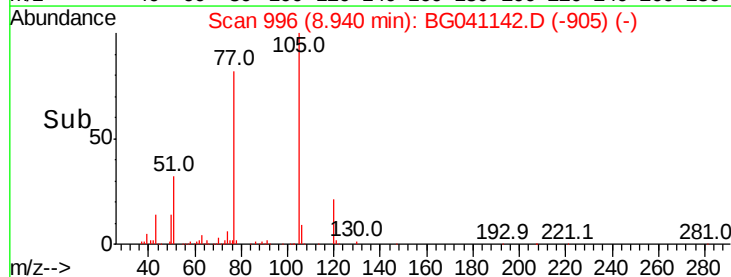


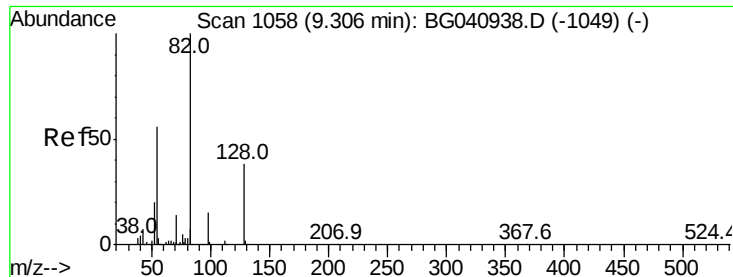
Abundance Ion 105.00 (104.70 to 105.70): E

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

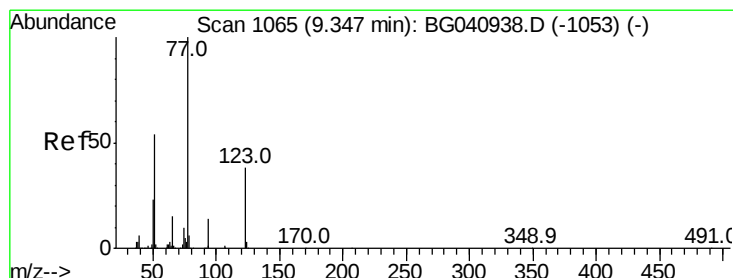
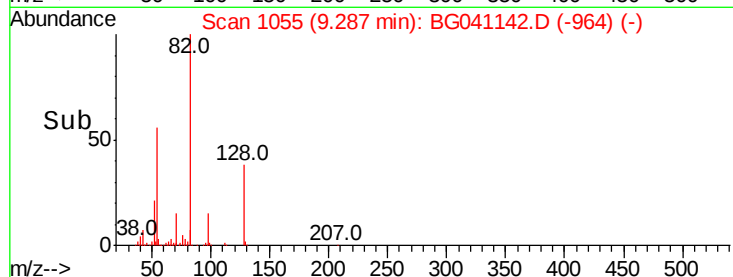
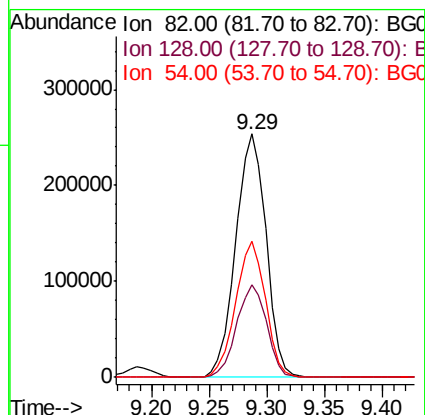
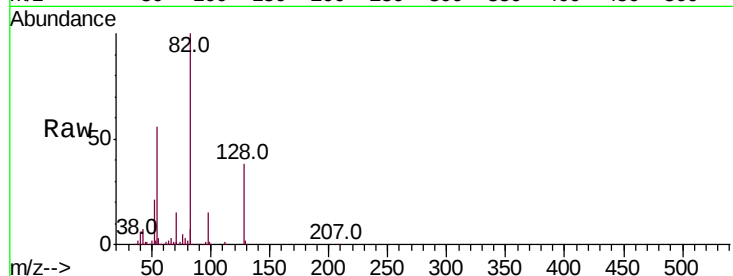




#23
 Nitrobenzene-d5
 Concen: 99.693 ng
 RT: 9.29 min Scan# 1055
 Delta R.T. 0.01 min
 Lab File: BG041142.D
 Acq: 8 Jun 2019 20:35

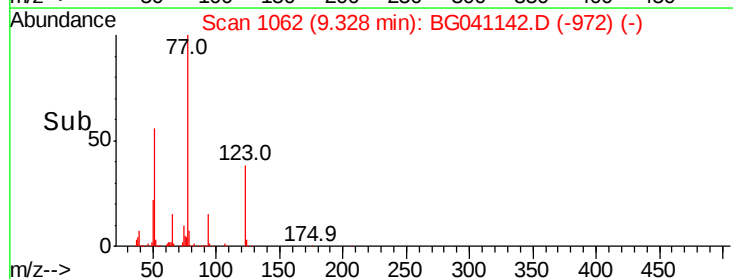
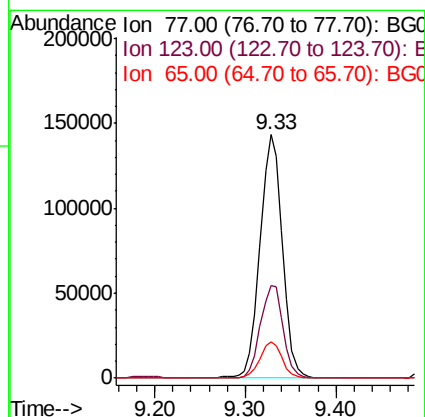
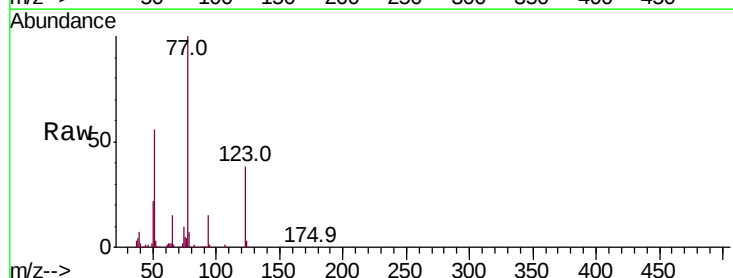
Instrument :
 BNA_G
 ClientSampleId :
 FK-PS-01-047MS

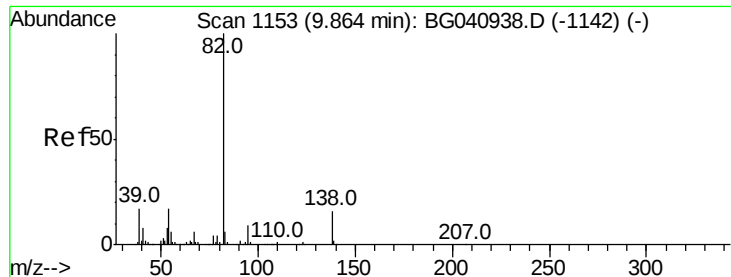
Tot Ion	Ratio	Lower	Upper
82	100		
128	37.9	30.5	45.7
54	55.8	44.6	66.8



#24
 Nitrobenzene
 Concen: 51.916 ng
 RT: 9.33 min Scan# 1062
 Delta R.T. 0.00 min
 Lab File: BG041142.D
 Acq: 8 Jun 2019 20:35

Tgt Ion	Ratio	Lower	Upper
77	100		
123	38.1	30.6	46.0
65	14.7	12.3	18.5





#25

Isophorone

Concen: 50.265 ng

RT: 9.84 min Scan# 1149

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

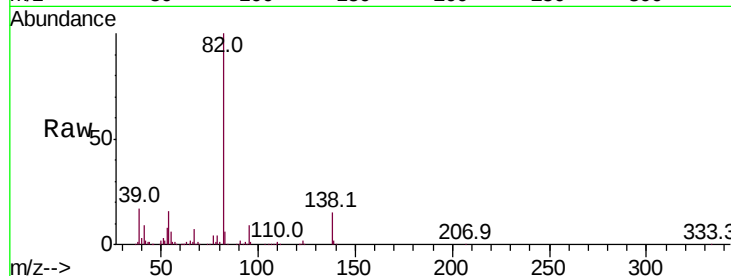
Tot Ion: 82 Resp: 443972

Ion Ratio Lower Upper

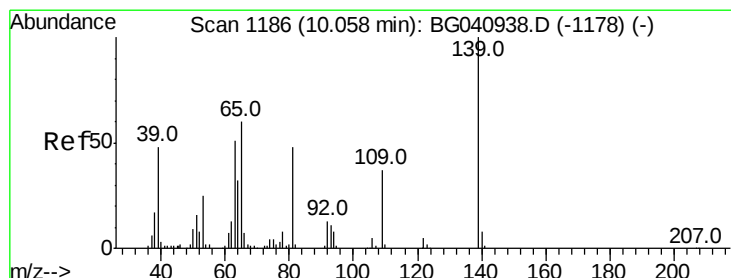
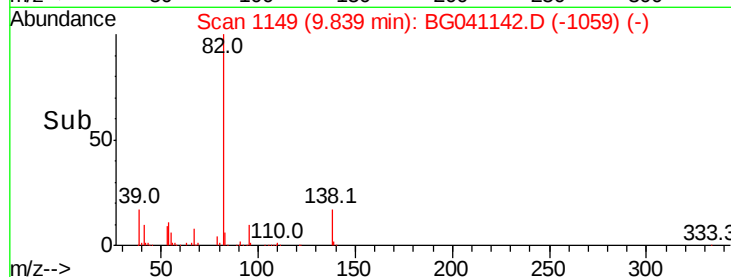
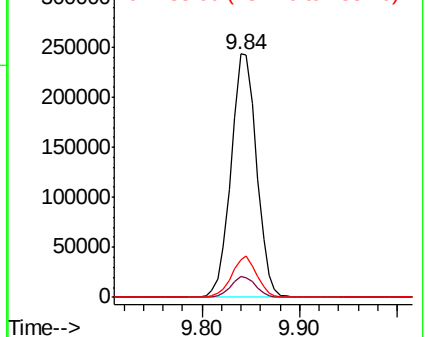
82 100

95 8.6 7.0 10.4

138 15.3 12.6 19.0



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



#26

2-Nitrophenol

Concen: 58.033 ng

RT: 10.04 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

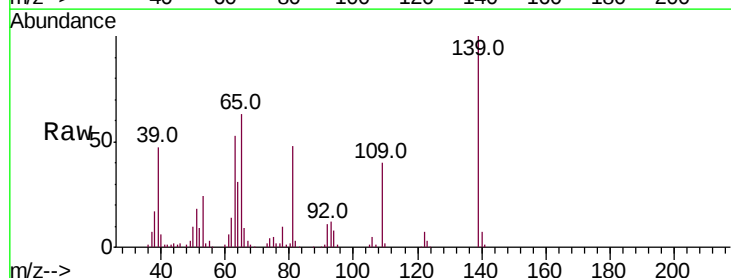
Tgt Ion: 139 Resp: 113157

Ion Ratio Lower Upper

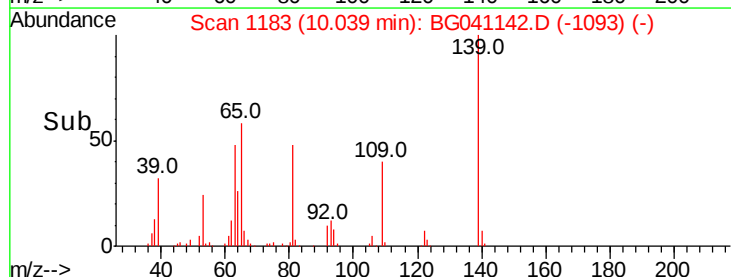
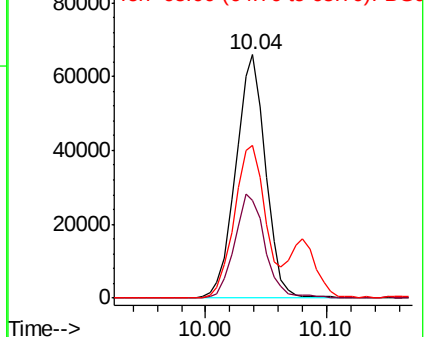
139 100

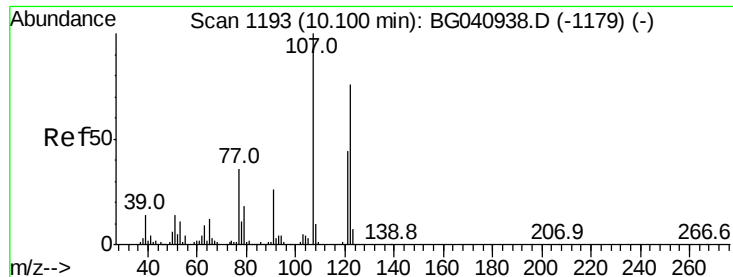
109 39.9 29.8 44.6

65 62.7 47.8 71.6



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

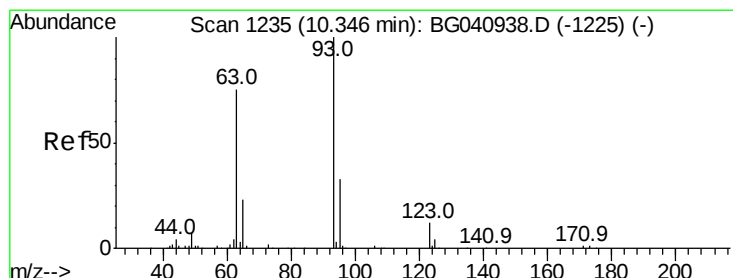
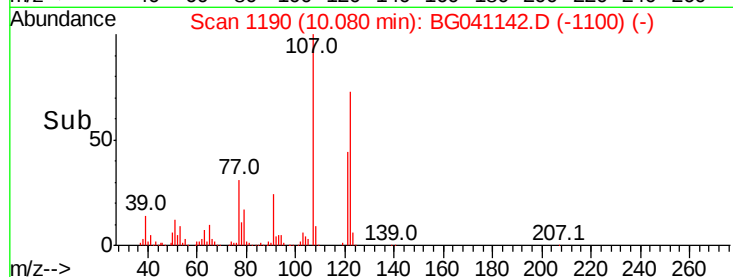
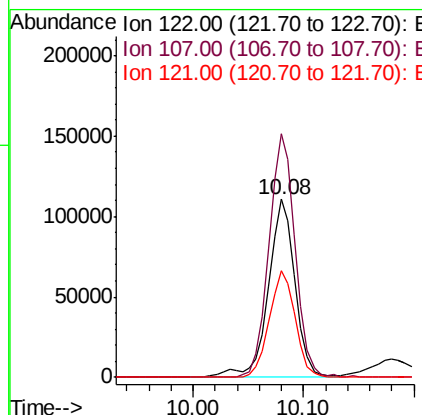
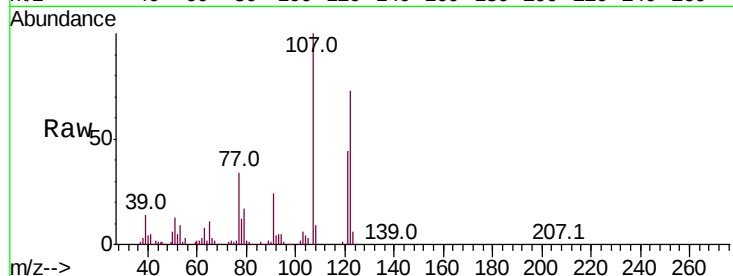




#27
2,4-Dimethylphenol
Concen: 58.043 ng
RT: 10.08 min Scan# 1190
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

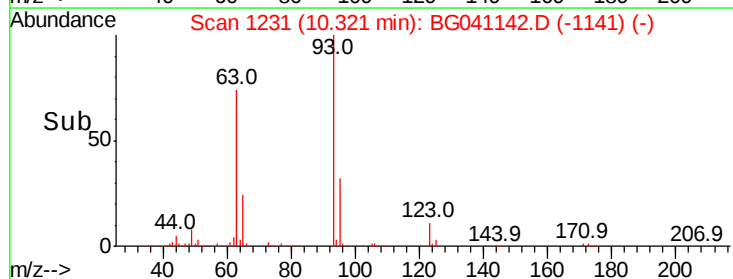
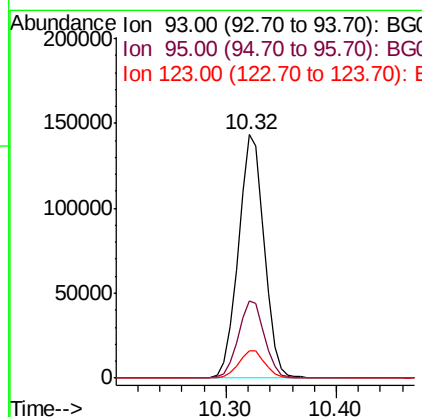
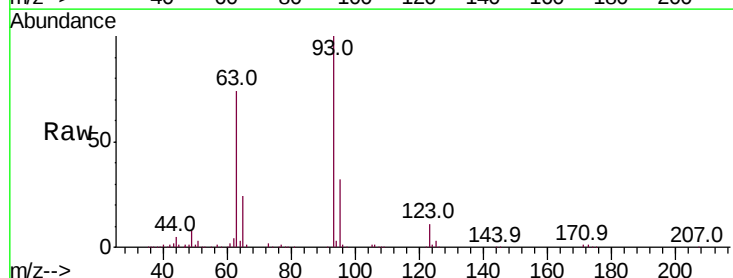
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MS

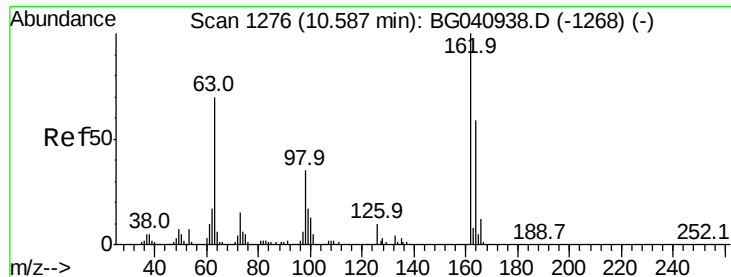
Tot Ion	Ratio	Lower	Upper
122	100		
107	136.9	105.9	158.9
121	59.7	46.2	69.4



#28
bis(2-Chloroethoxy)methane
Concen: 49.306 ng
RT: 10.32 min Scan# 1231
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.9	26.2	39.2
123	11.1	9.5	14.3

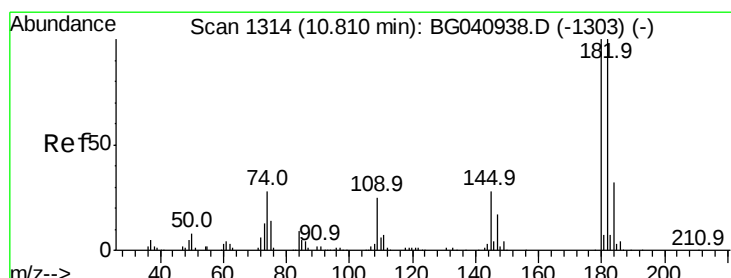
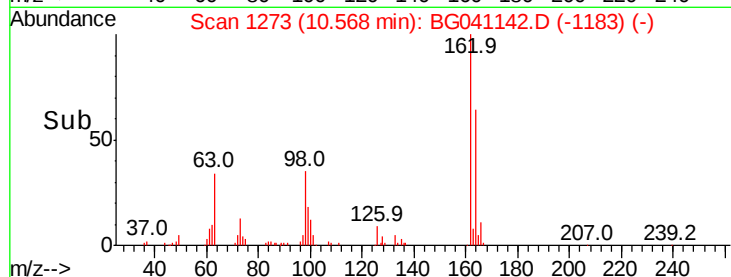
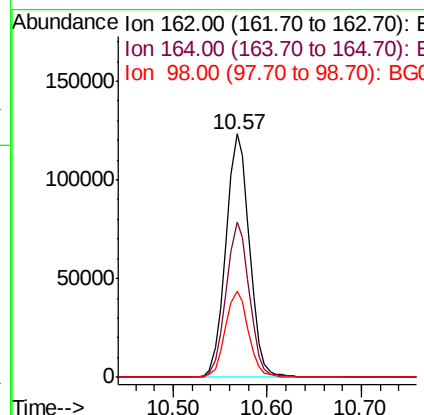
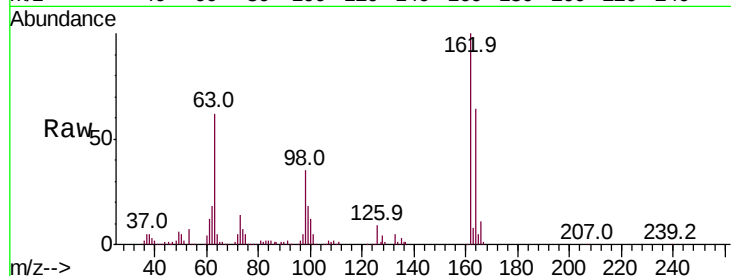




#29
2,4-Dichlorophenol
Concen: 52.810 ng
RT: 10.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

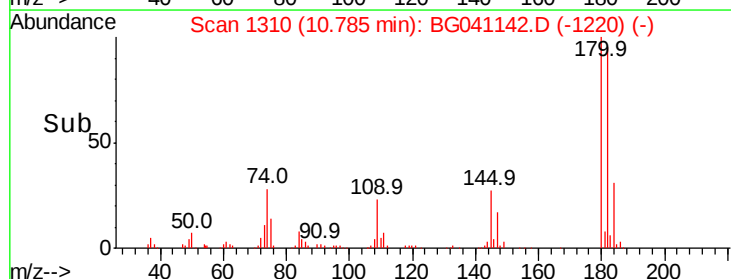
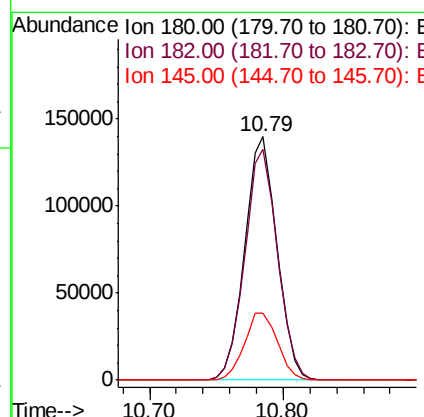
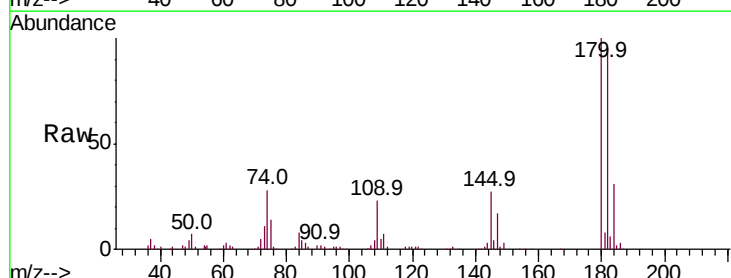
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MS

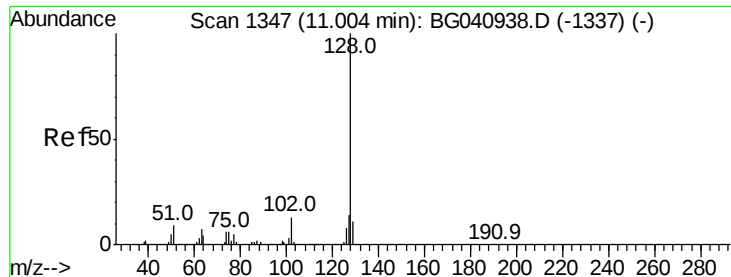
Tot Ion	Ratio	Lower	Upper
162	100		
164	63.8	39.4	79.4
98	35.4	15.3	55.3



#30
1,2,4-Trichlorobenzene
Concen: 49.975 ng
RT: 10.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Tgt Ion	Ratio	Lower	Upper
180	100		
182	94.8	79.7	119.5
145	27.5	22.6	34.0





#31

Naphthalene

Concen: 50.916 ng

RT: 10.98 min Scan# 1343

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

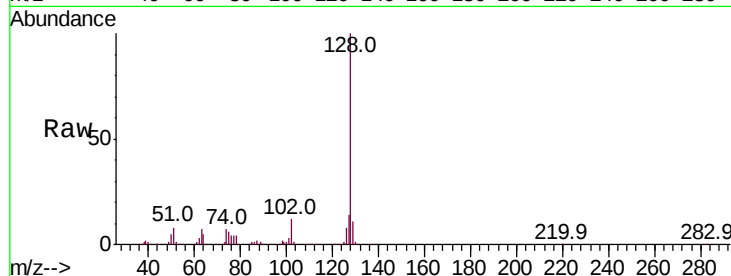
Tot Ion:128 Resp: 563268

Ion Ratio Lower Upper

128 100

129 11.2 8.5 12.7

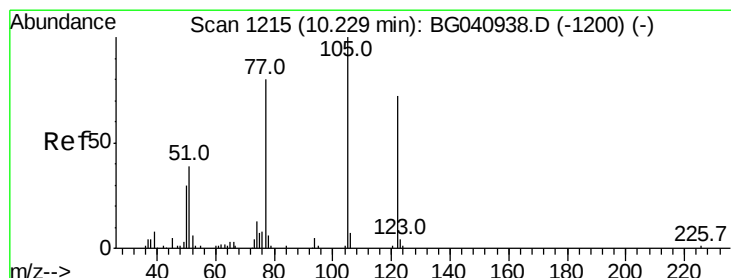
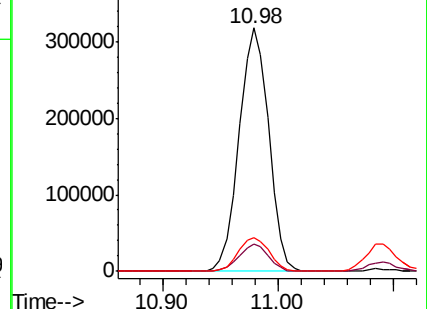
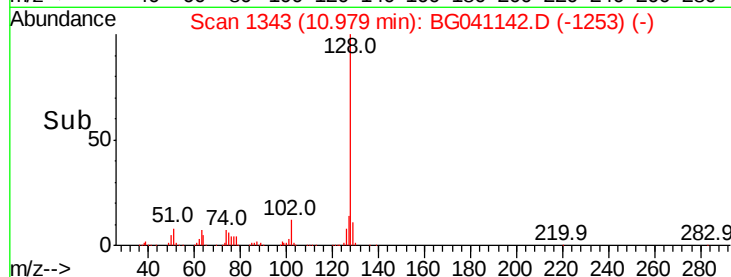
127 13.8 11.4 17.2



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: 17.659 ng

RT: 10.18 min Scan# 1207

Delta R.T. -0.04 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

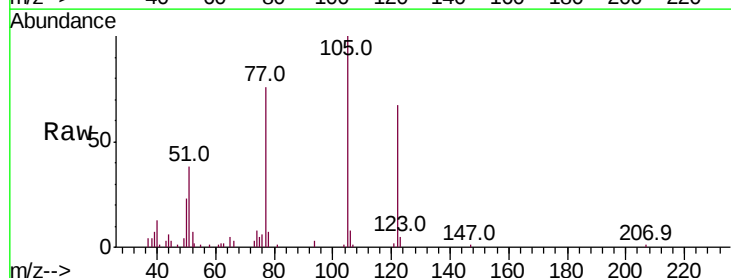
Tgt Ion:122 Resp: 28727

Ion Ratio Lower Upper

122 100

105 149.3 114.8 154.8

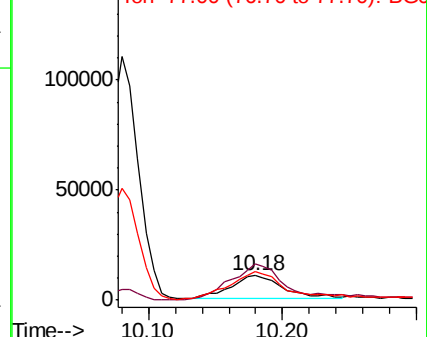
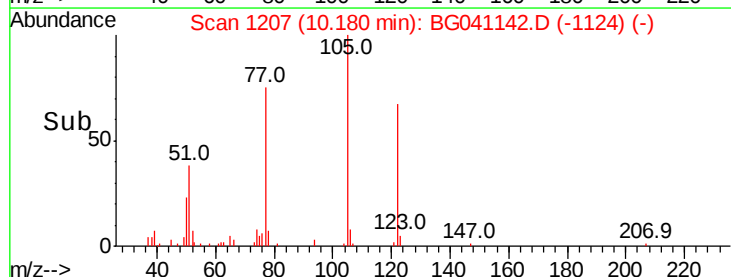
77 113.4 89.9 129.9

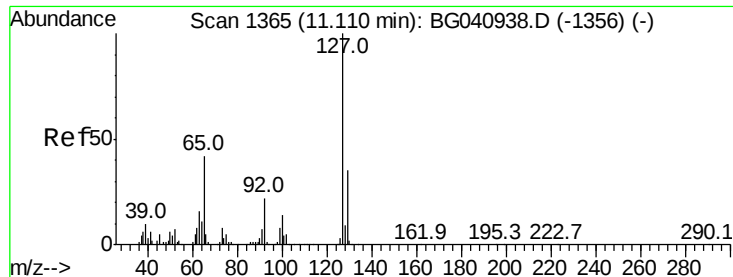


Abundance Ion 122.00 (121.70 to 122.70): E

Ion 105.00 (104.70 to 105.70): E

Ion 77.00 (76.70 to 77.70): BG

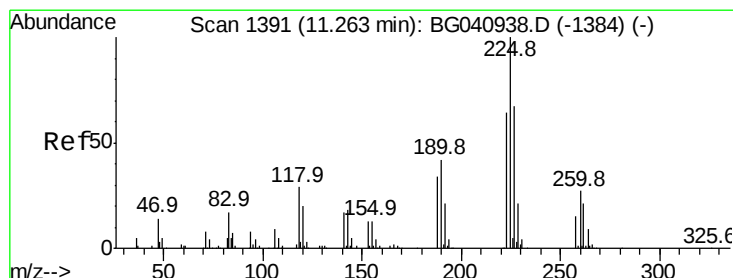
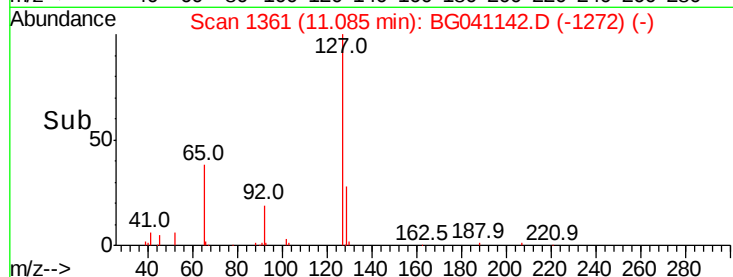
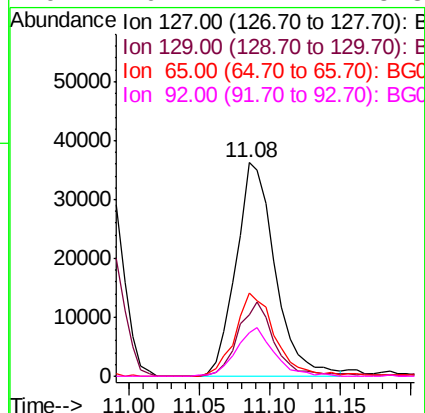
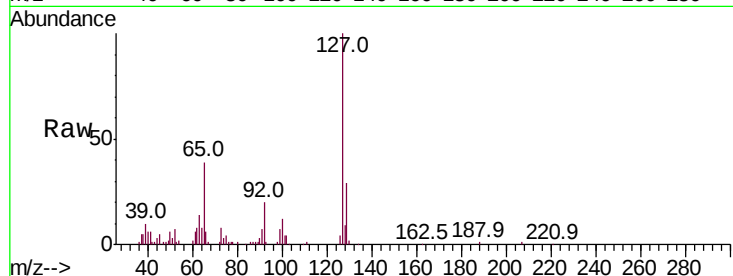




#33
4-Chloroaniline
Concen: 13.711 ng
RT: 11.08 min Scan# 1361
Delta R.T. -0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

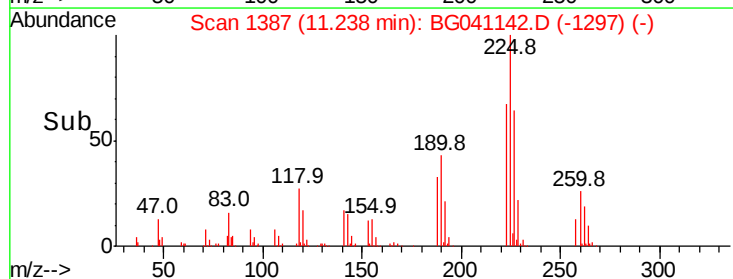
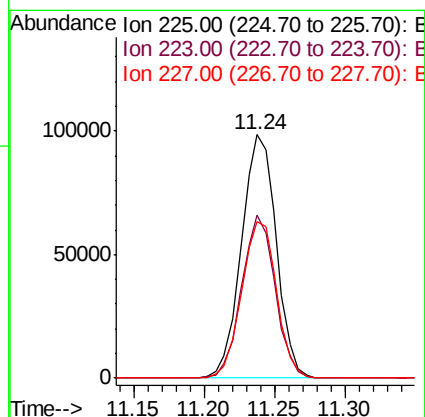
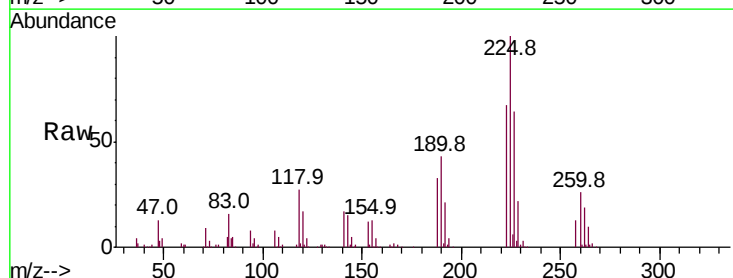
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MS

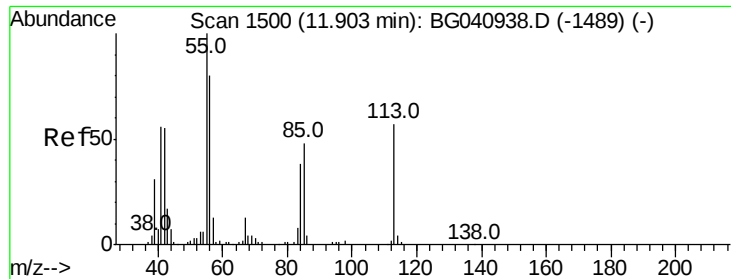
Tot Ion:	127	Resp:	70376
Ion	Ratio	Lower	Upper
127	100		
129	28.6	27.7	41.5
65	38.9	33.2	49.8
92	20.4	17.2	25.8



#34
Hexachlorobutadiene
Concen: 47.590 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Tgt Ion:	225	Resp:	169400
Ion	Ratio	Lower	Upper
225	100		
223	67.0	48.8	73.2
227	64.3	51.4	77.0





#35

Caprolactam

Concen: 45.399 ng/mL

RT: 11.88 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

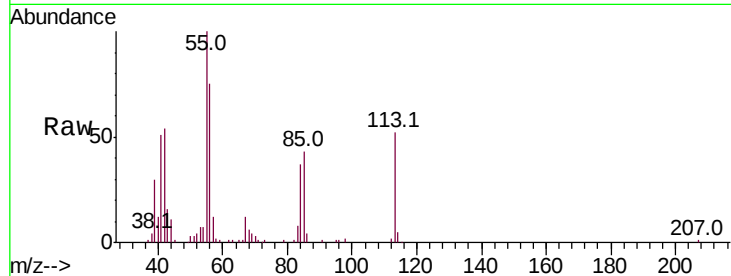
Tot Ion:113 Resp: 61309

Ion Ratio Lower Upper

113 100

55 190.7 155.9 195.9

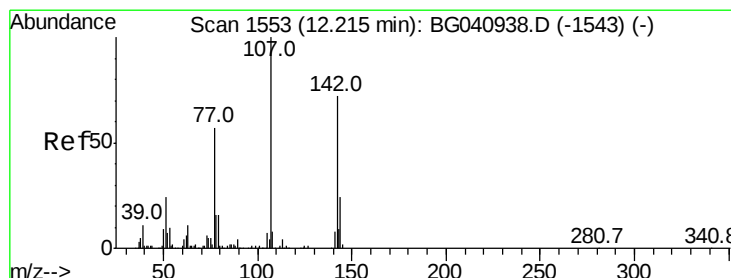
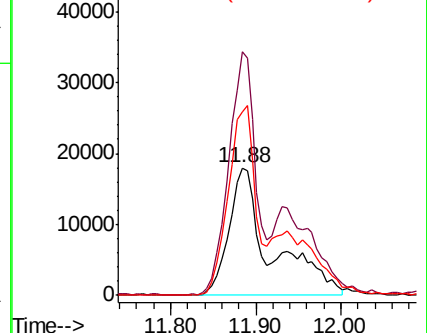
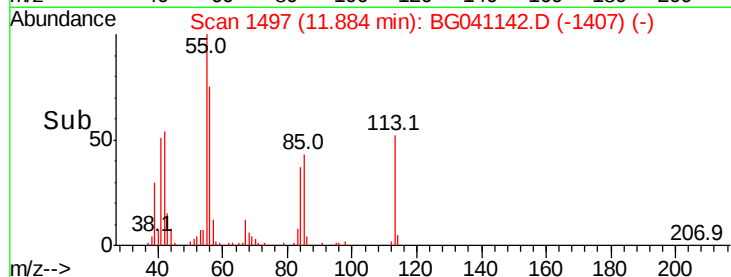
56 143.5 119.9 159.9



Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG0

Ion 56.00 (55.70 to 56.70): BG0



#36

4-Chloro-3-methylphenol

Concen: 49.369 ng/mL

RT: 12.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

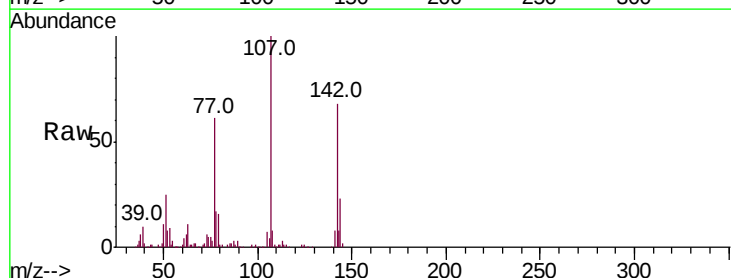
Tgt Ion:107 Resp: 230574

Ion Ratio Lower Upper

107 100

144 23.0 19.4 29.0

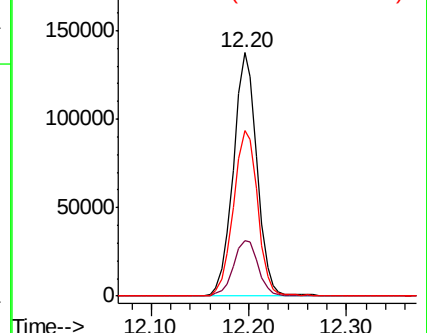
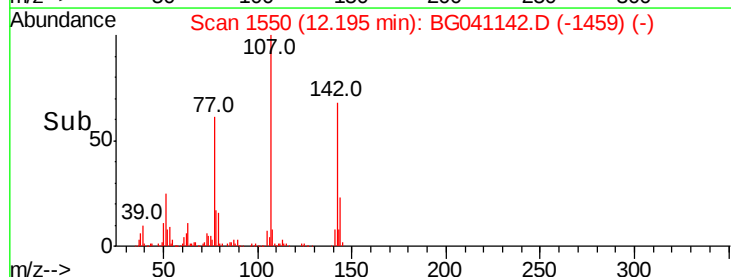
142 68.1 57.3 85.9

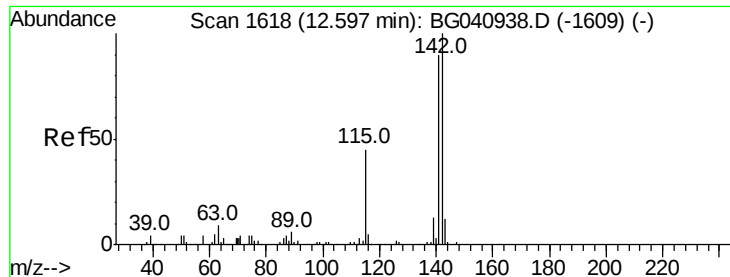


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E

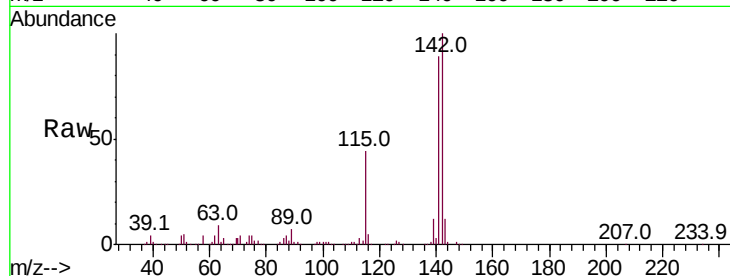




#37
2-Methylnaphthalene
Concen: 49.315 ng
RT: 12.58 min Scan# 1615
Delta R.T. 0.01 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	89.2	72.2	108.4
115	43.6	36.2	54.4

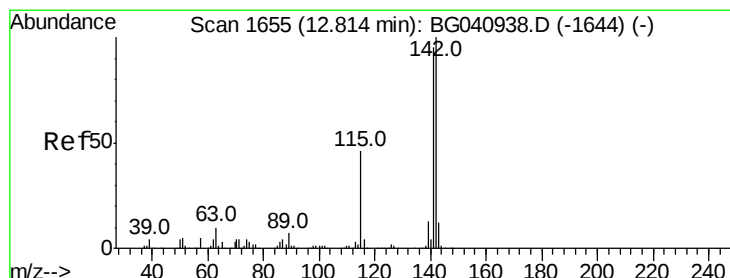
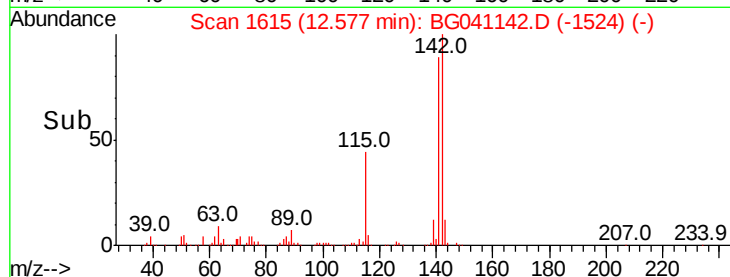
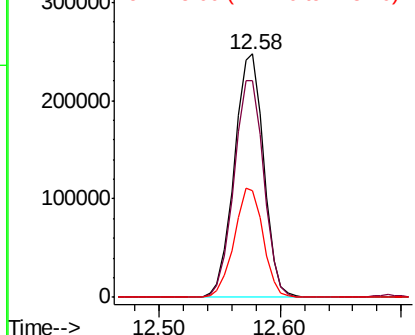


Abundance

Ion 142.00 (141.70 to 142.70): E

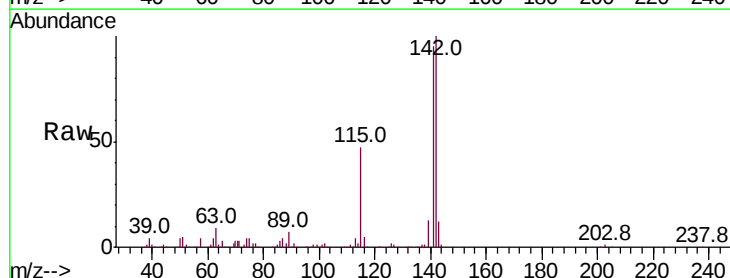
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 49.810 ng m
RT: 12.79 min Scan# 1652
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.7	75.7	113.5
116	5.2	3.4	5.2#

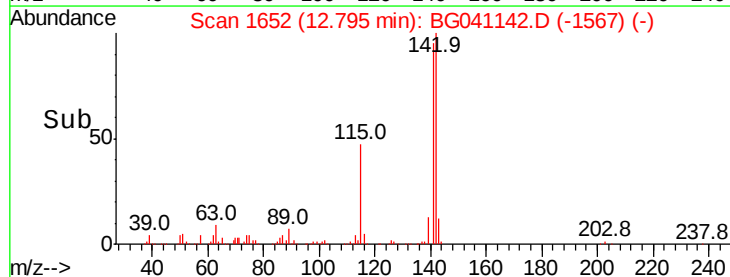
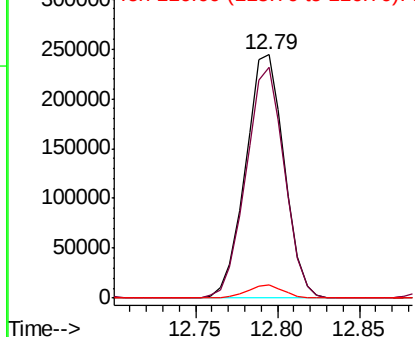


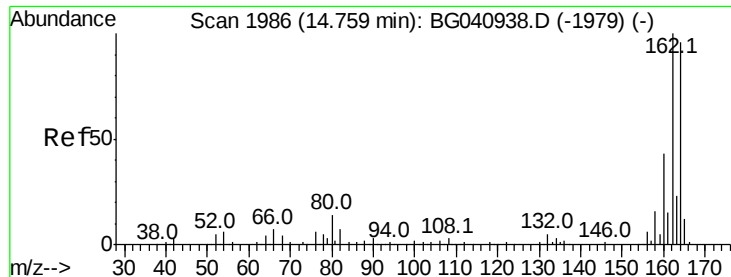
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





#39

Acenaphthene-d10

Concen: 20.000 ng

RT: 14.74 min Scan# 1983

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

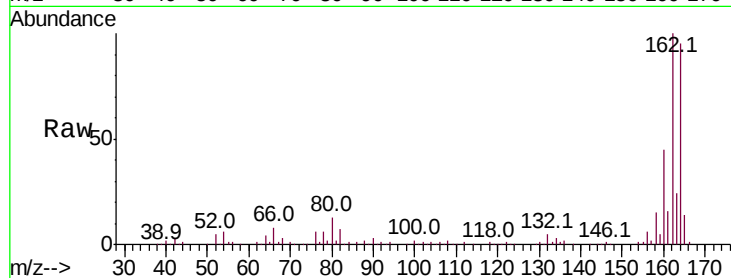
Tot Ion:164 Resp: 141314

Ion Ratio Lower Upper

164 100

162 104.7 83.0 124.4

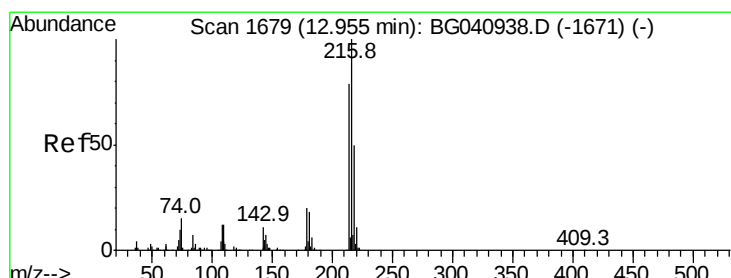
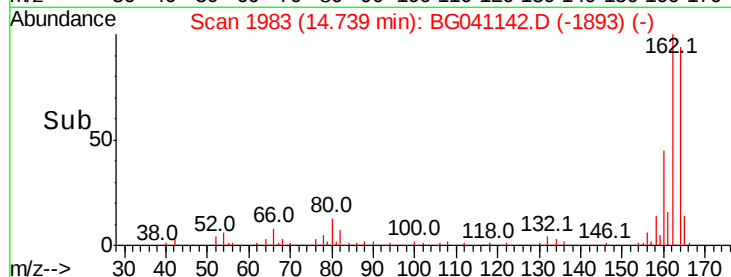
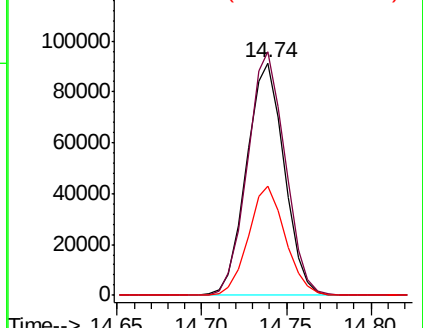
160 46.9 35.6 53.4



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: 54.325 ng

RT: 12.94 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Tgt Ion:216 Resp: 309422

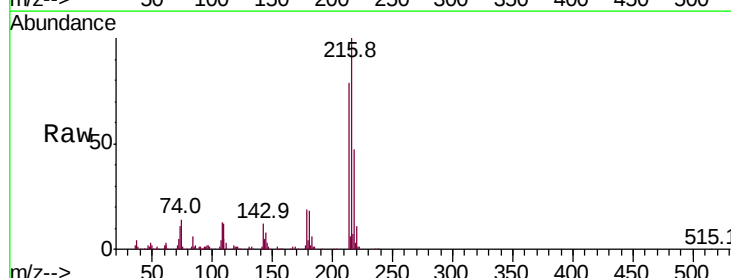
Ion Ratio Lower Upper

216 100

214 79.8 63.4 95.2

179 19.5 15.2 22.8

108 15.9 11.4 17.2

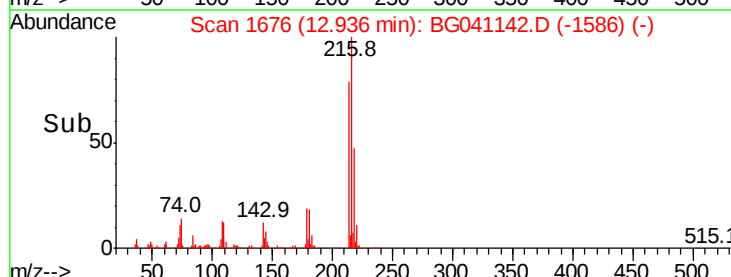
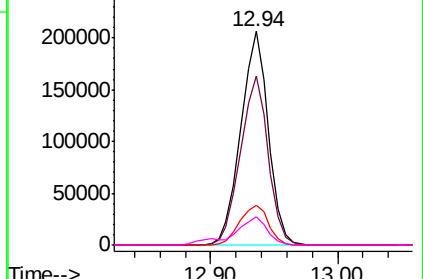


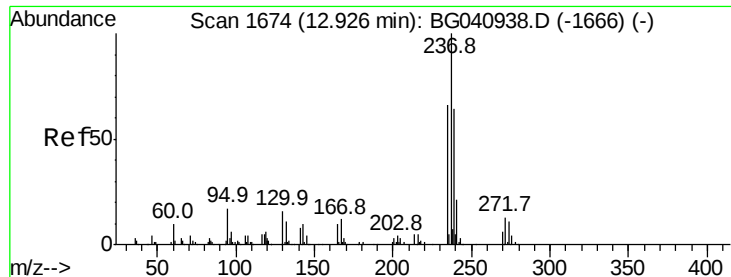
Abundance Ion 216.00 (215.70 to 216.70): E

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

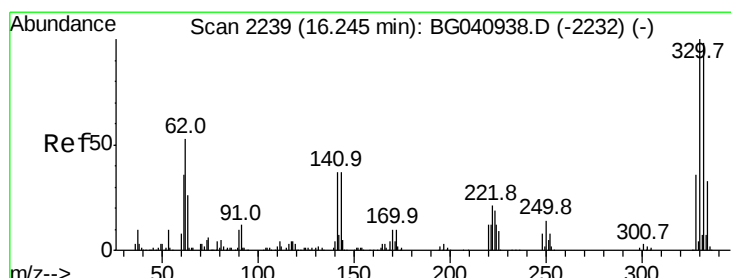
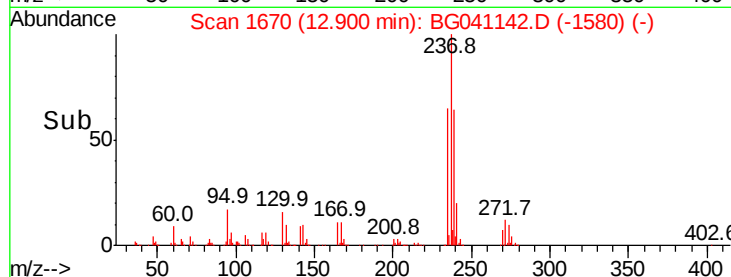
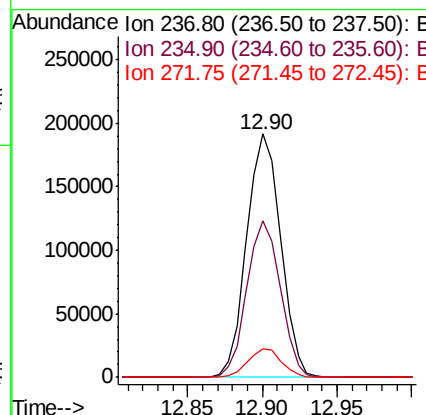
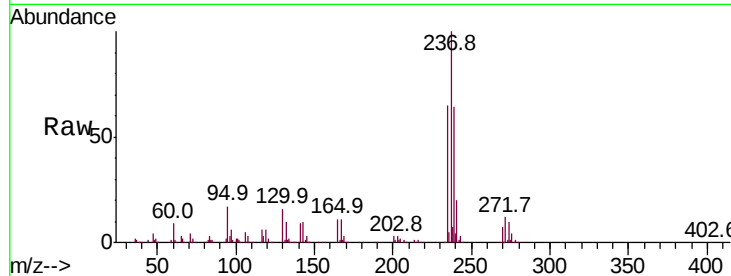




#41
Hexachlorocyclopentadiene
Concen: 96.737 ng
RT: 12.90 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

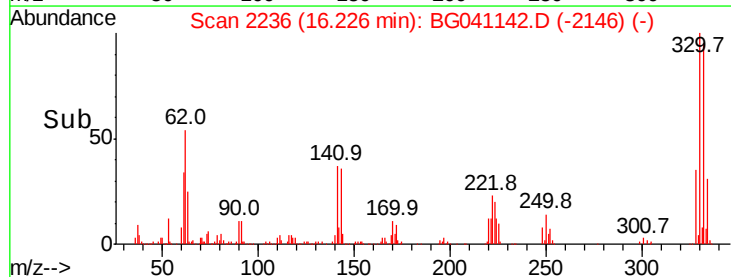
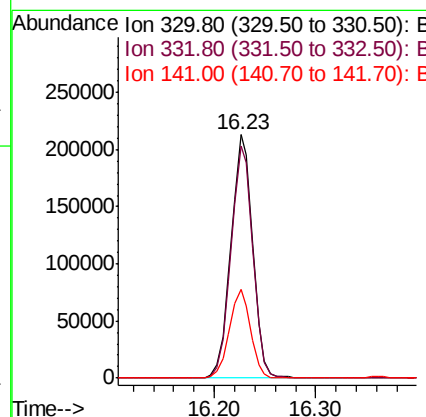
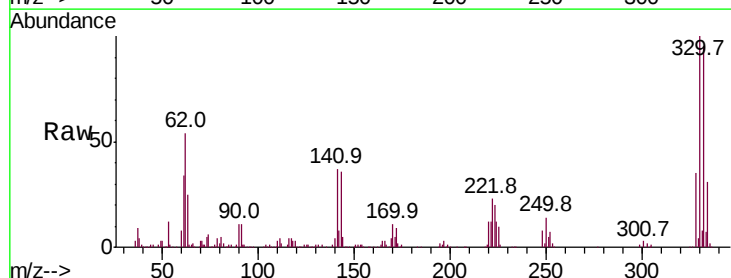
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MS

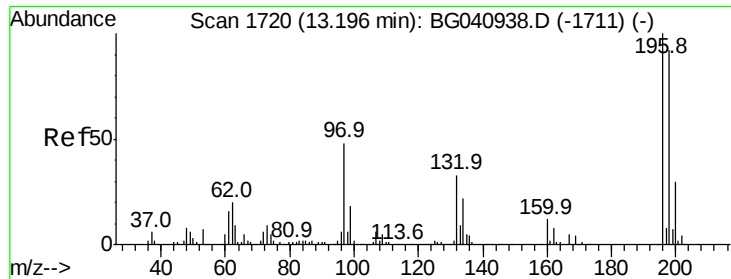
Tot Ion:237 Resp: 302062
Ion Ratio Lower Upper
237 100
235 64.5 45.5 85.5
272 11.8 0.0 32.9



#42
2,4,6-Tribromophenol
Concen: 151.077 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Tgt Ion:330 Resp: 316946
Ion Ratio Lower Upper
330 100
332 95.6 78.5 117.7
141 35.7 28.7 43.1

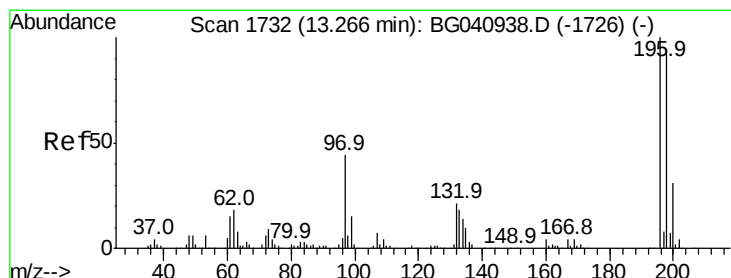
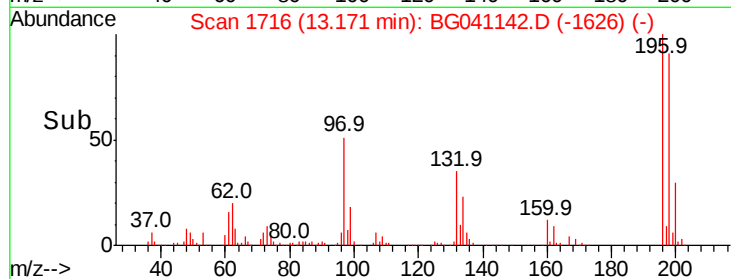
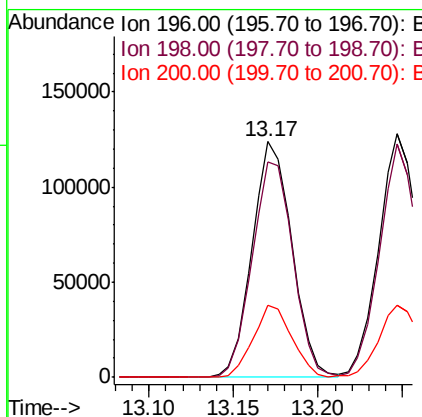
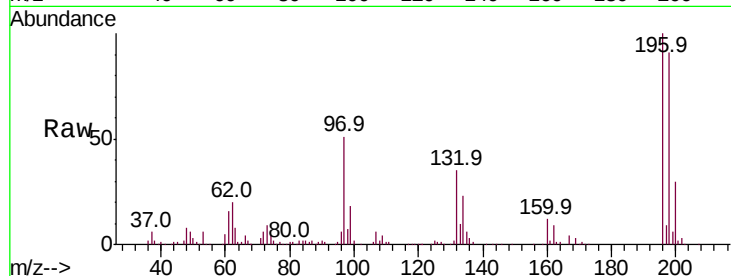




#43
 2,4,6-Trichlorophenol
 Concen: 54.984 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. 0.00 min
 Lab File: BG041142.D
 Acq: 8 Jun 2019 20:35

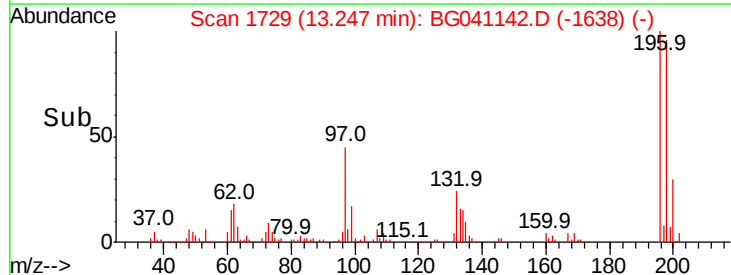
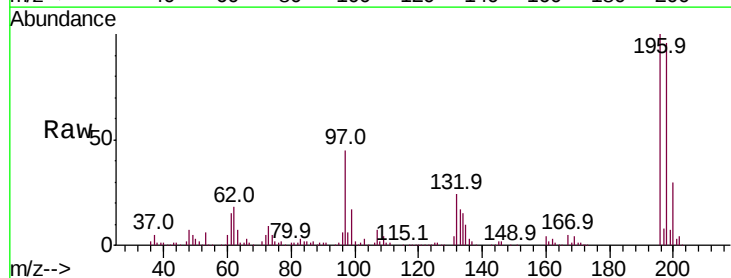
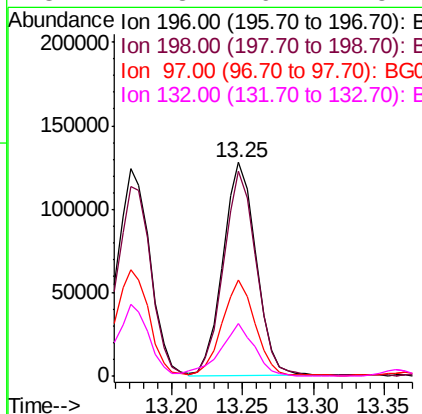
Instrument :
 BNA_G
 ClientSampleId :
 FK-PS-01-047MS

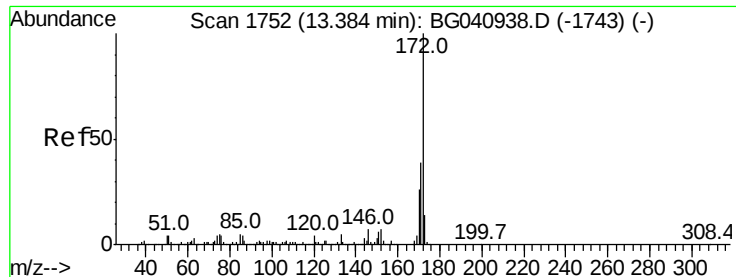
Tot Ion	Ratio	Lower	Upper
196	100		
198	91.4	73.8	110.6
200	30.4	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 53.883 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041142.D
 Acq: 8 Jun 2019 20:35

Tgt Ion	Ratio	Lower	Upper
196	100		
198	96.1	75.1	112.7
97	44.8	35.6	53.4
132	24.3	16.7	25.1

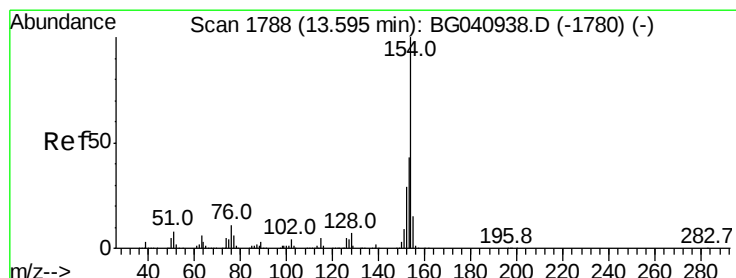
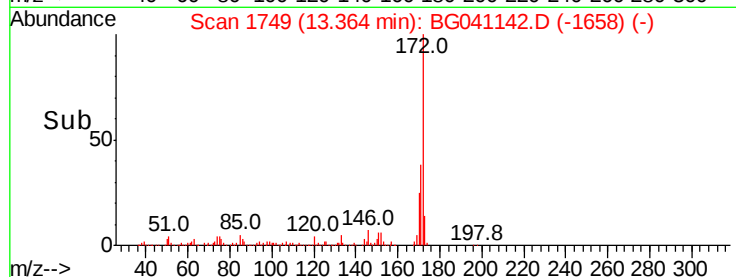
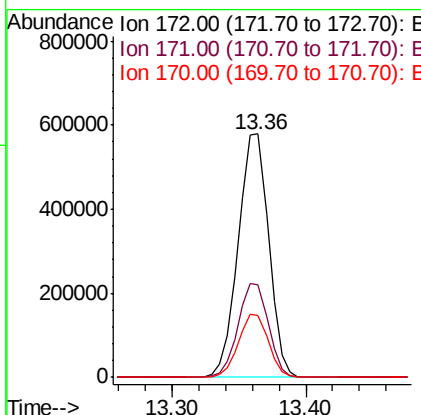
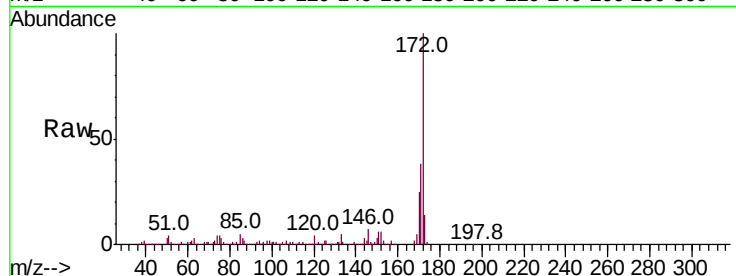




#45
2-Fluorobiphenyl
Concen: 93.345 ng
RT: 13.36 min Scan# 1749
Delta R.T. 0.01 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

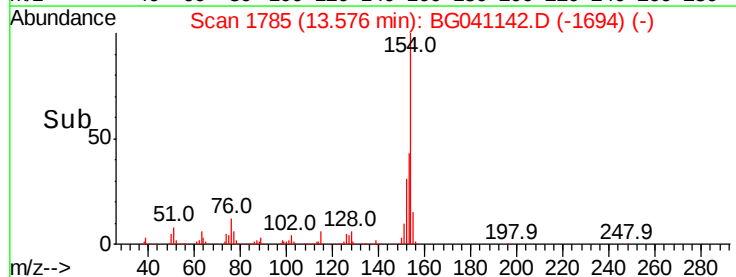
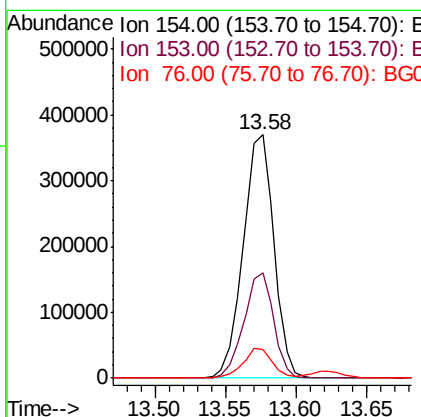
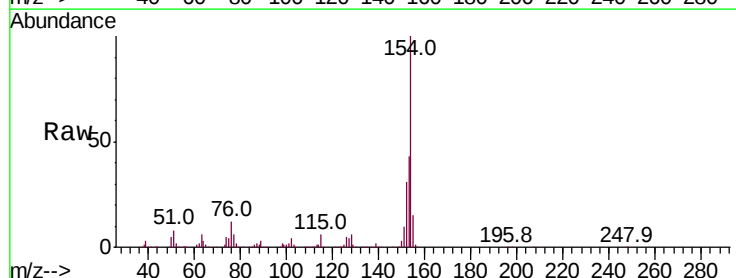
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MS

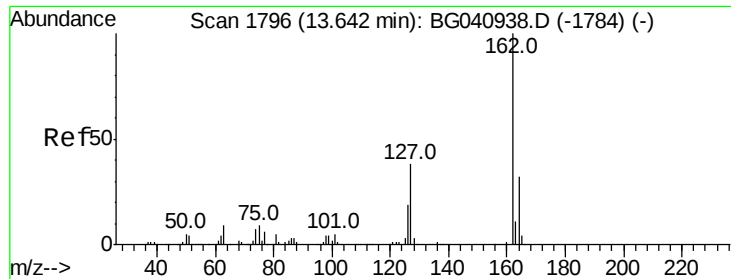
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.2	31.1	46.7
170	25.4	20.5	30.7



#46
1,1'-Biphenyl
Concen: 54.066 ng
RT: 13.58 min Scan# 1785
Delta R.T. 0.01 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.2	23.3	63.3
76	11.8	0.0	31.1

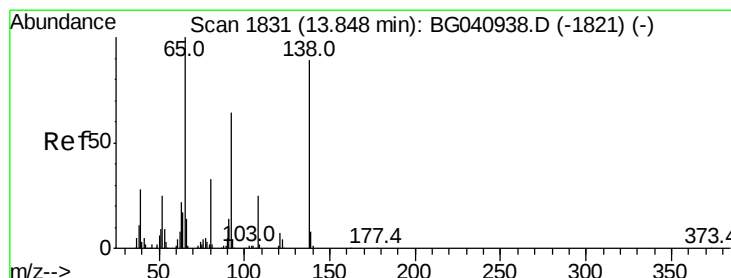
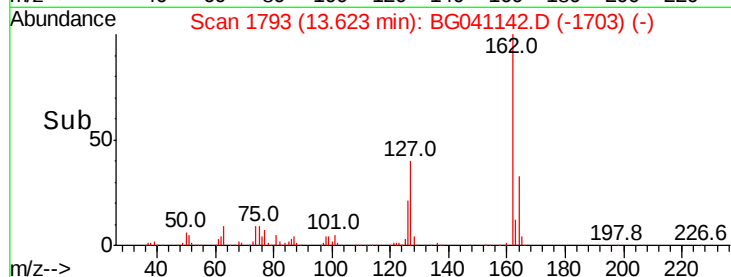
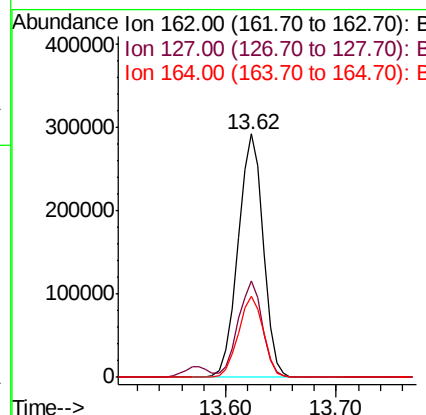
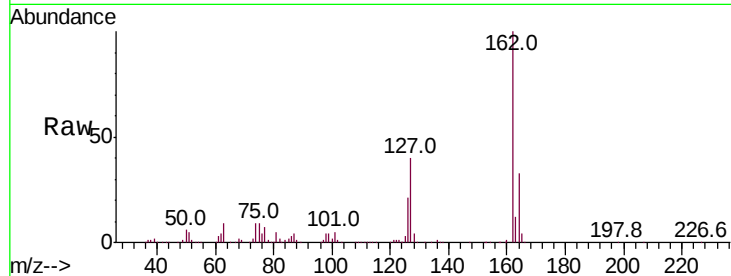




#47
2-Chloronaphthalene
Concen: 51.778 ng
RT: 13.62 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

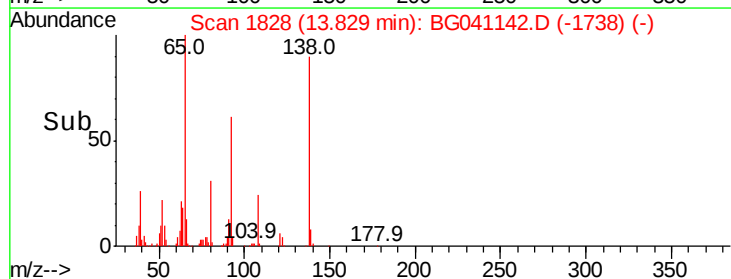
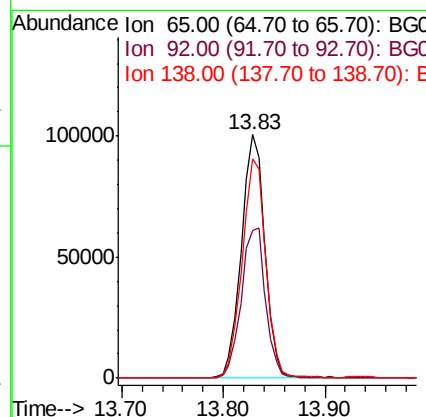
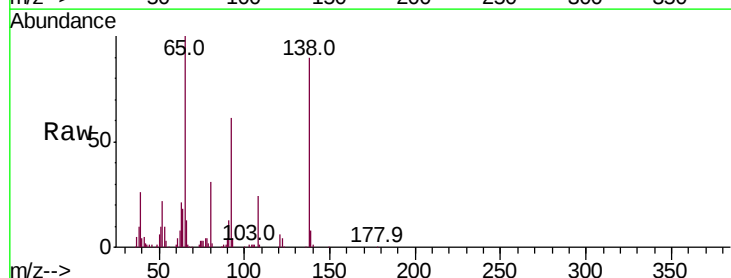
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MS

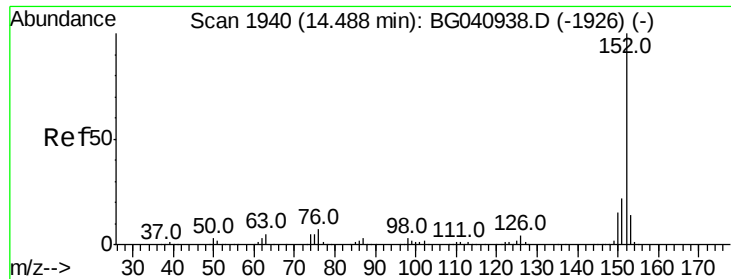
Tot Ion	Ratio	Lower	Upper
162	100		
127	39.7	30.5	45.7
164	33.3	25.8	38.6



#48
2-Nitroaniline
Concen: 50.415 ng
RT: 13.83 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Tgt Ion	Ratio	Lower	Upper
65	100		
92	60.7	51.0	76.6
138	89.9	71.2	106.8





#49

Acenaphthylene

Concen: 51.913 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

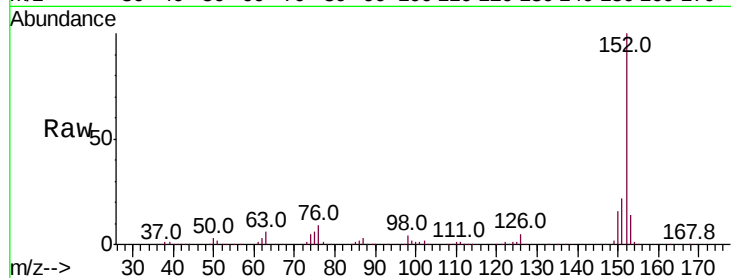
BNA_G

ClientSampleId :

FK-PS-01-047MS

Tot Ion:152 Resp: 701630

Ion	Ratio	Lower	Upper
152	100		
151	21.6	17.4	26.0
153	14.0	11.0	16.4

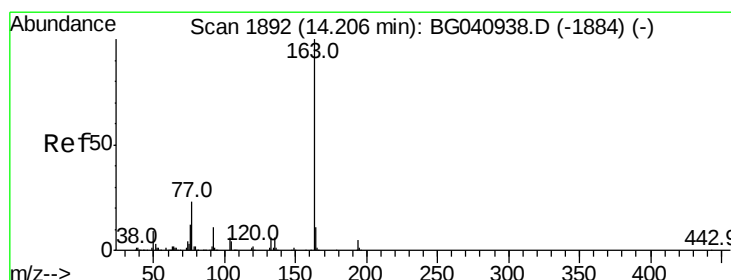
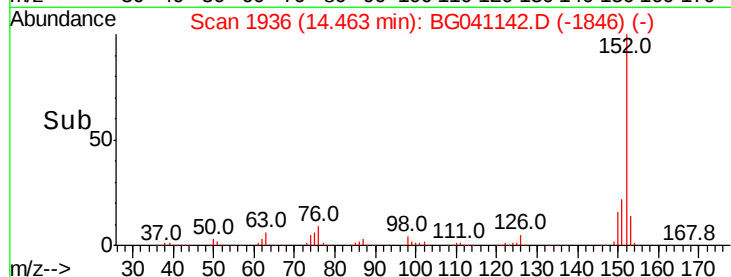
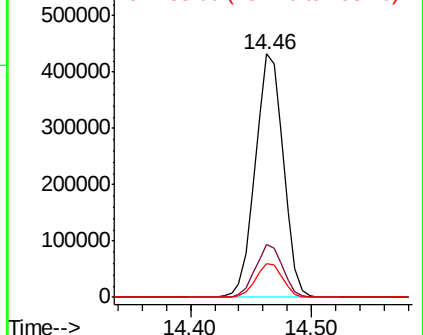


Abundance

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: 59.582 ng

RT: 14.19 min Scan# 1889

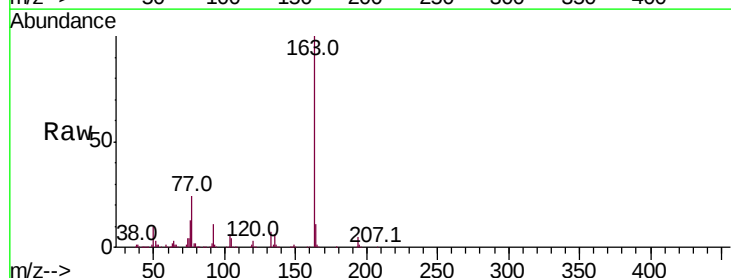
Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Tgt Ion:163 Resp: 712739

Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.8	5.8
164	11.2	8.7	13.1

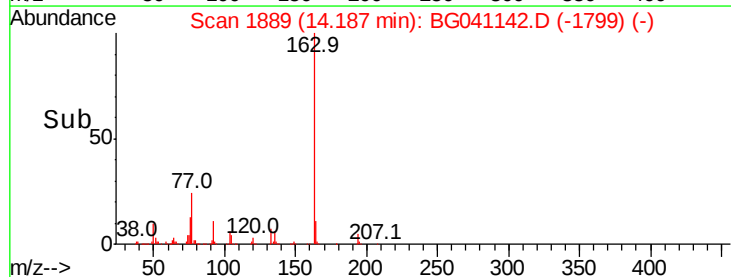
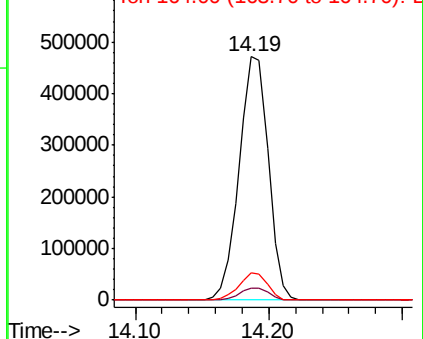


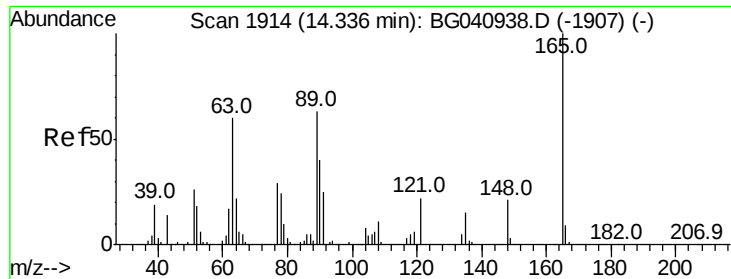
Abundance

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

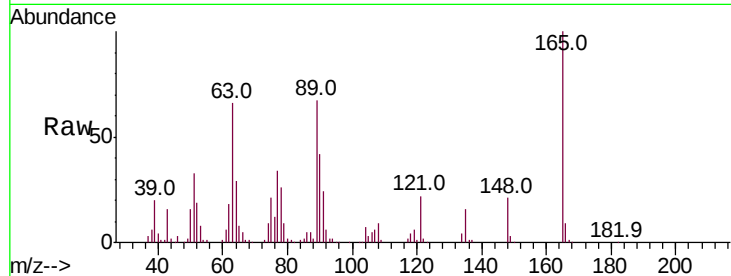




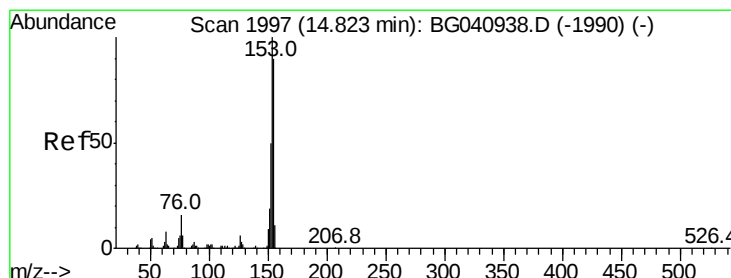
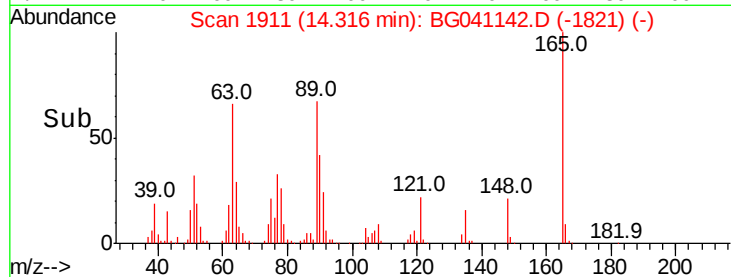
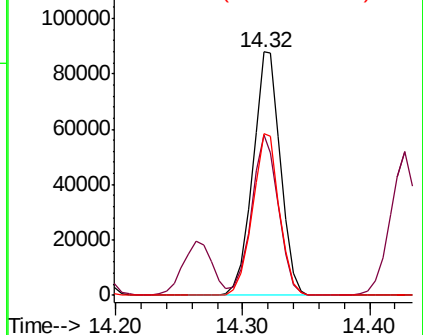
#51
 2,6-Dinitrotoluene
 Concen: 51.428 ng
 RT: 14.32 min Scan# 1911
 Delta R.T. 0.00 min
 Lab File: BG041142.D
 Acq: 8 Jun 2019 20:35

Instrument :
 BNA_G
 ClientSampleId :
 FK-PS-01-047MS

Tot Ion:165 Resp: 132643
 Ion Ratio Lower Upper
 165 100
 63 65.7 53.6 80.4
 89 66.7 50.4 75.6

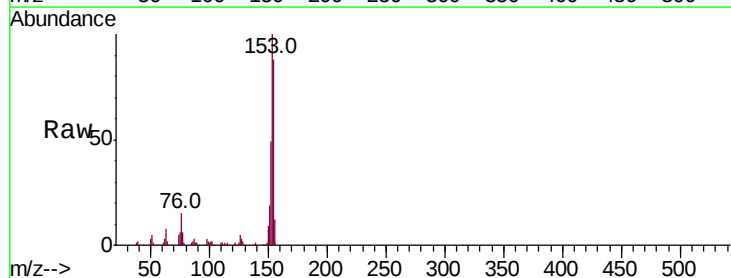


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG

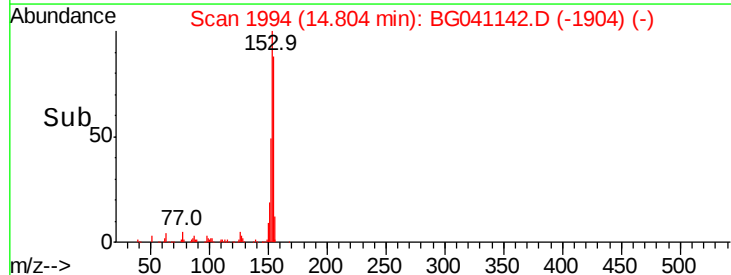
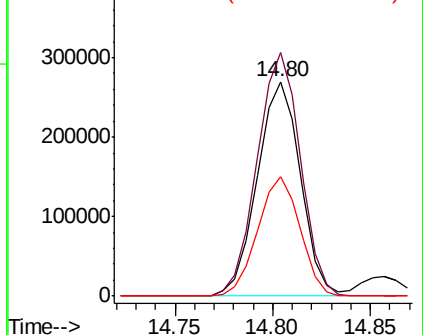


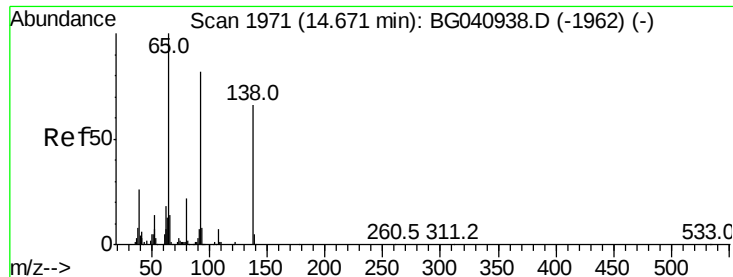
#52
 Acenaphthene
 Concen: 50.182 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BG041142.D
 Acq: 8 Jun 2019 20:35

Tgt Ion:154 Resp: 410872
 Ion Ratio Lower Upper
 154 100
 153 113.6 88.6 133.0
 152 56.0 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

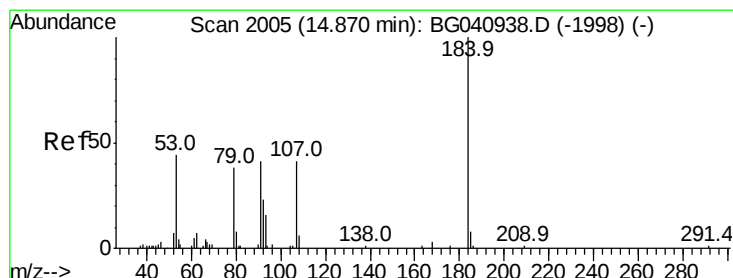
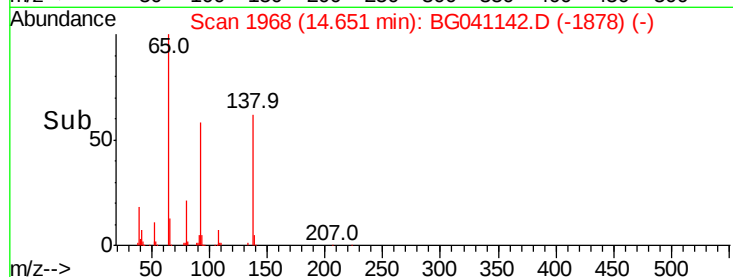
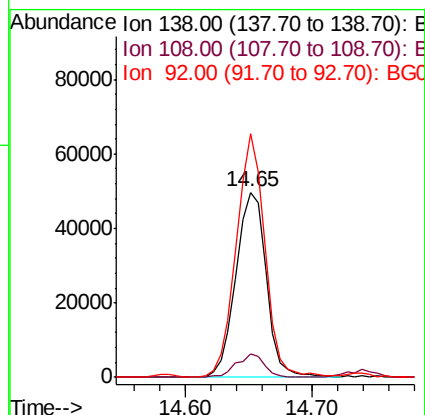
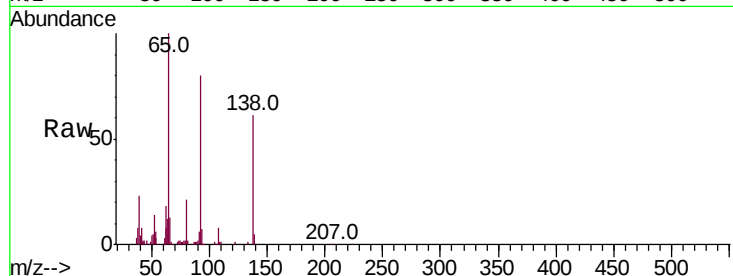




#53
3-Nitroaniline
Concen: 31.953 ng
RT: 14.65 min Scan# 1968
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

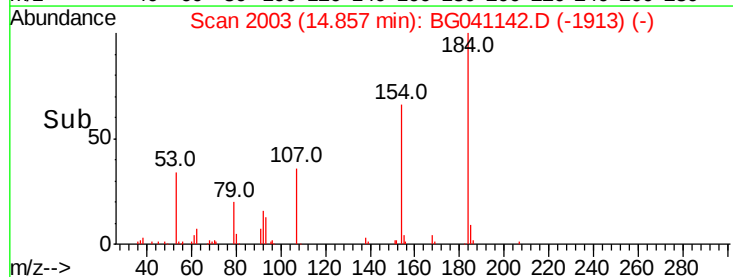
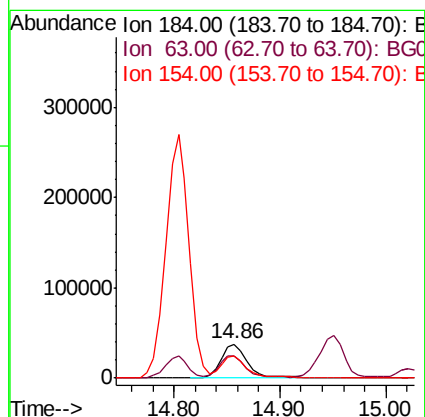
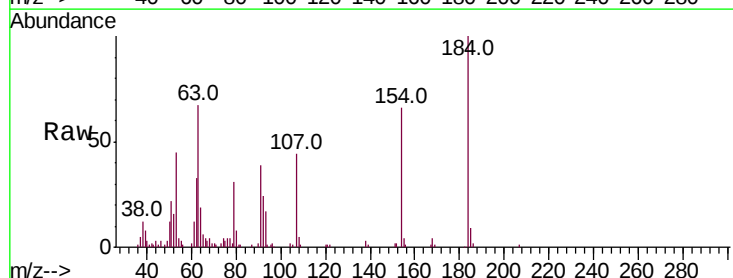
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MS

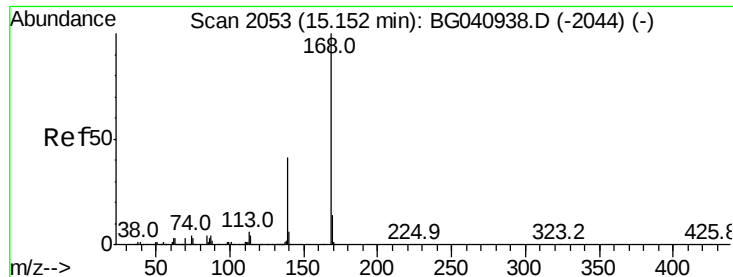
Tot Ion:138 Resp: 82410
Ion Ratio Lower Upper
138 100
108 12.7 8.5 12.7
92 131.5 99.0 148.6



#54
2,4-Dinitrophenol
Concen: 57.274 ng
RT: 14.86 min Scan# 2003
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Tgt Ion:184 Resp: 66619
Ion Ratio Lower Upper
184 100
63 66.7 49.8 74.6
154 66.1 52.2 78.4





#55

Dibenzofuran

Concen: 51.397 ng

RT: 15.13 min Scan# 2050

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

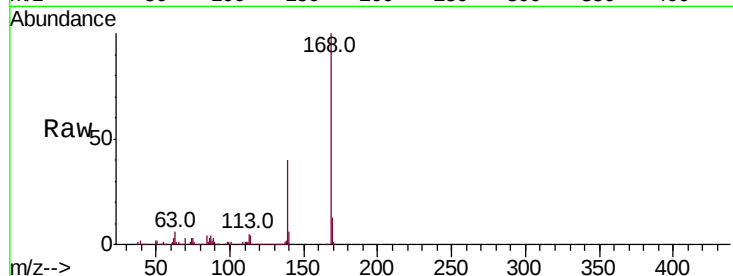
Tot Ion:168 Resp: 708096

Ion	Ratio	Lower	Upper
168	100		
139	39.8	32.8	49.2
169	13.4	11.3	16.9

168 100

139 39.8 32.8 49.2

169 13.4 11.3 16.9

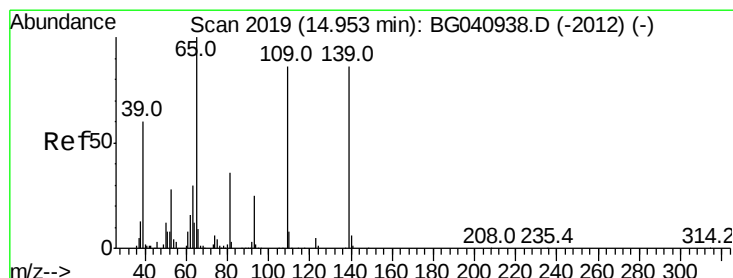
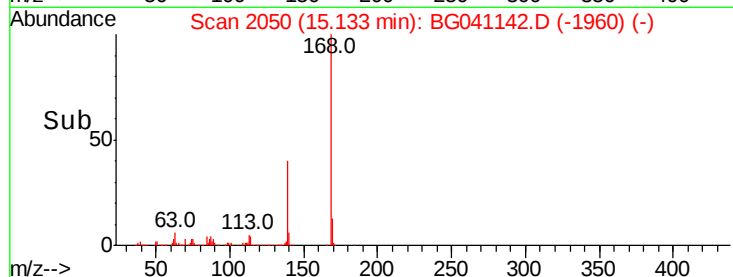
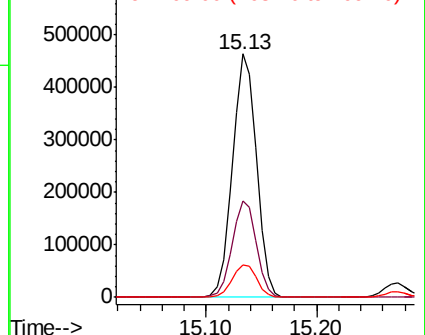


Abundance

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: 113.943 ng

RT: 14.95 min Scan# 2019

Delta R.T. 0.01 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

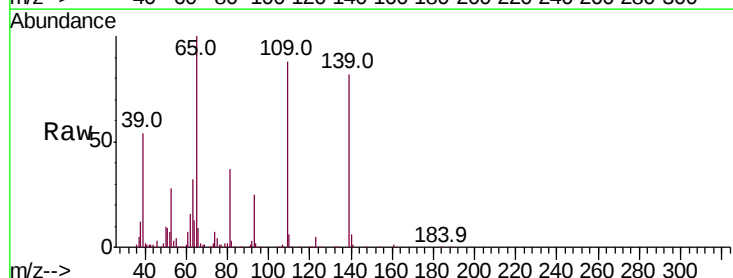
Tgt Ion:139 Resp: 201567

Ion	Ratio	Lower	Upper
139	100		
109	107.3	79.6	119.6
65	121.7	96.9	136.9

139 100

109 107.3 79.6 119.6

65 121.7 96.9 136.9

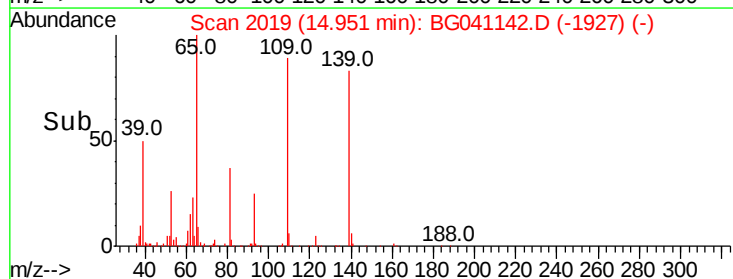
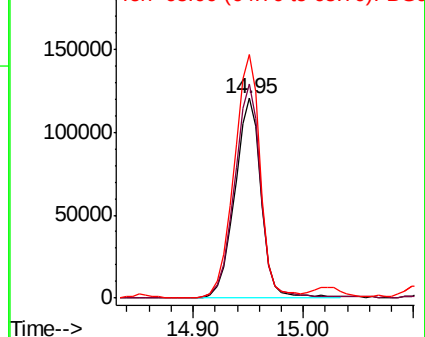


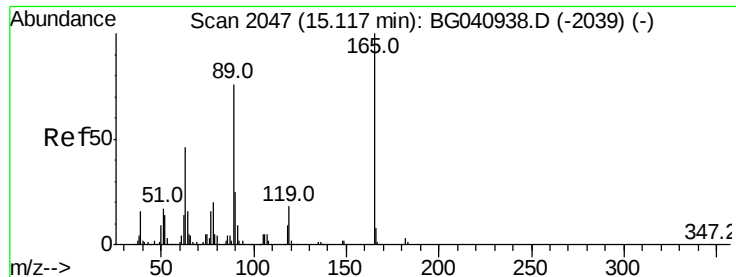
Abundance

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

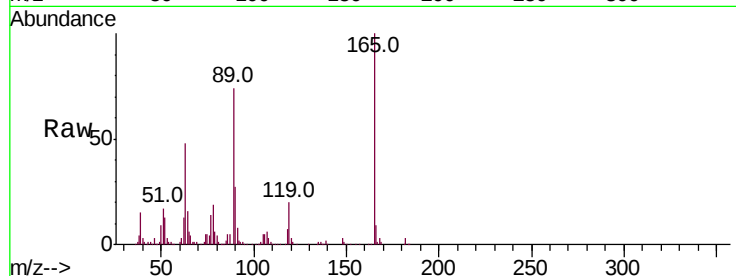




#57
2,4-Dinitrotoluene
Concen: 52.318 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MS

Tot Ion	Ratio	Lower	Upper
165	100		
63	47.7	37.3	55.9
89	74.3	61.0	91.6
182	2.8	2.2	3.2



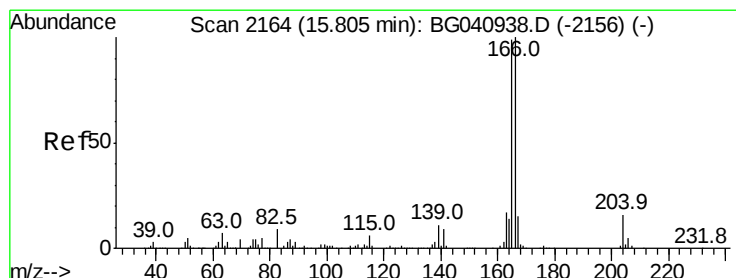
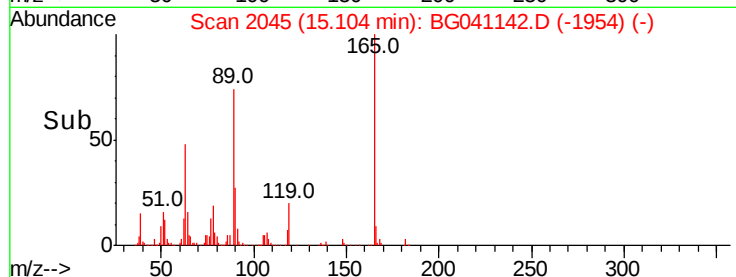
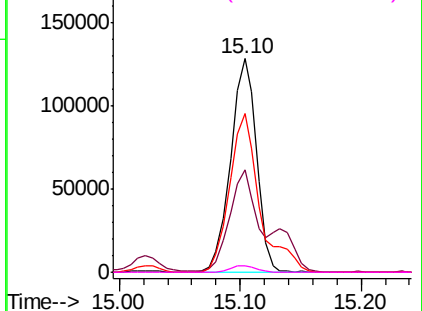
Abundance

Ion 165.00 (164.70 to 165.70): E

Ion 63.00 (62.70 to 63.70): BGC

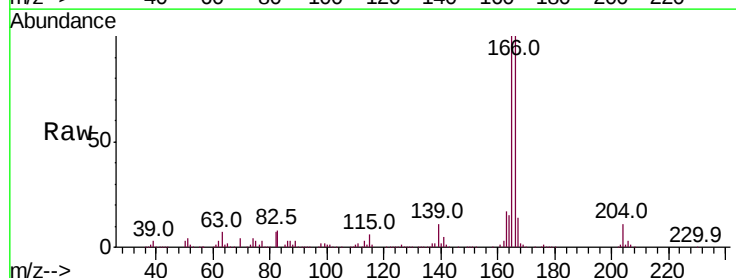
Ion 89.00 (88.70 to 89.70): BGC

Ion 182.00 (181.70 to 182.70): E



#58
Fluorene
Concen: 49.886 ng
RT: 15.79 min Scan# 2161
Delta R.T. 0.01 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Tgt Ion	Ratio	Lower	Upper
166	100		
165	100.5	79.2	118.8
167	14.5	11.8	17.6

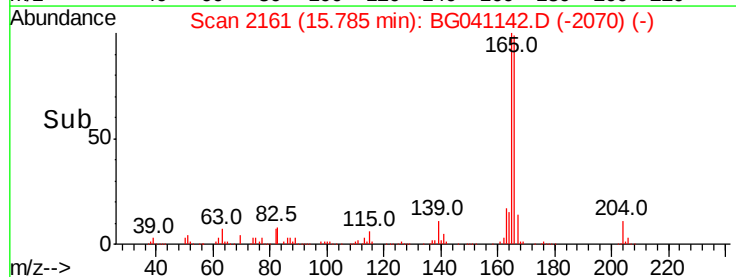
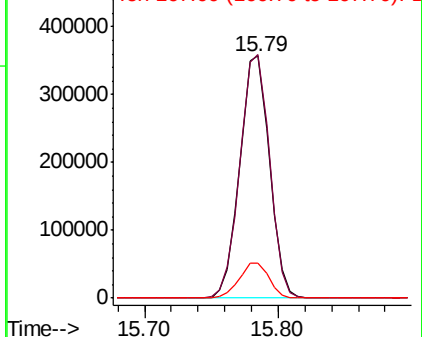


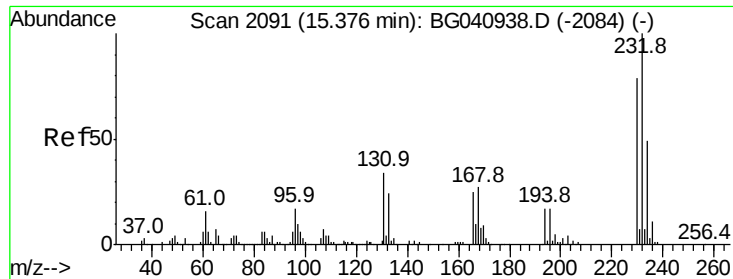
Abundance

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

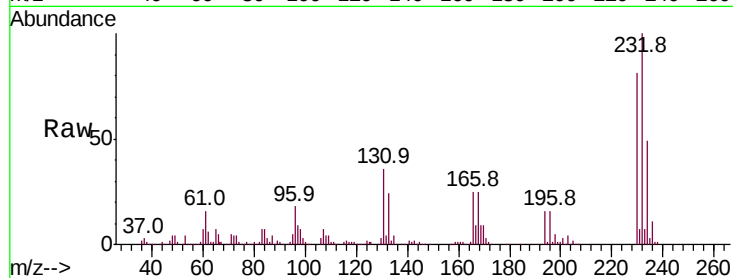




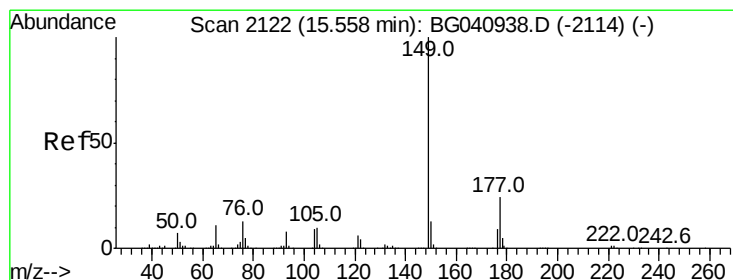
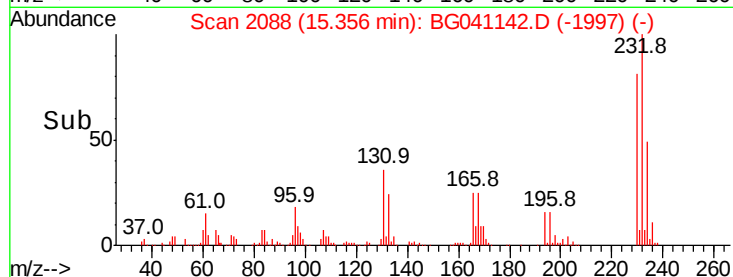
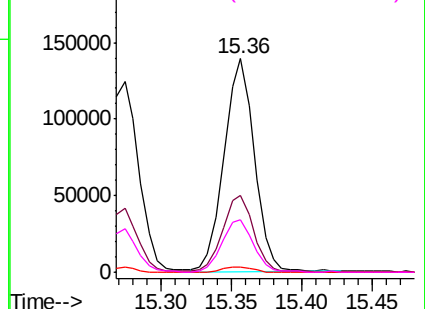
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 54.480 ng
 RT: 15.36 min Scan# 2088
 Delta R.T. 0.01 min
 Lab File: BG041142.D
 Acq: 8 Jun 2019 20:35

Instrument :
 BNA_G
 ClientSampleId :
 FK-PS-01-047MS

Tot Ion:	232	Resp:	208055
Ion	Ratio	Lower	Upper
232	100		
131	36.7	30.3	45.5
130	2.4	1.8	2.8
166	25.2	21.3	31.9

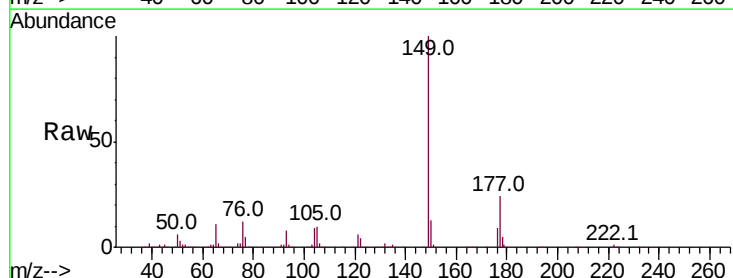


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

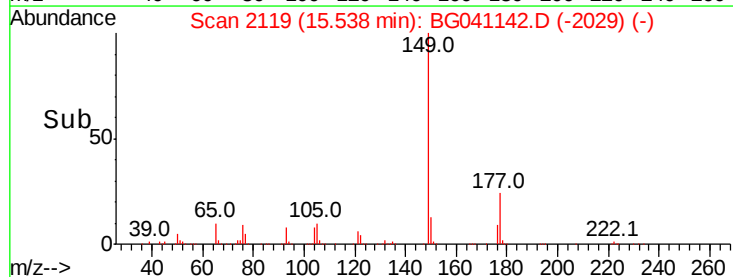
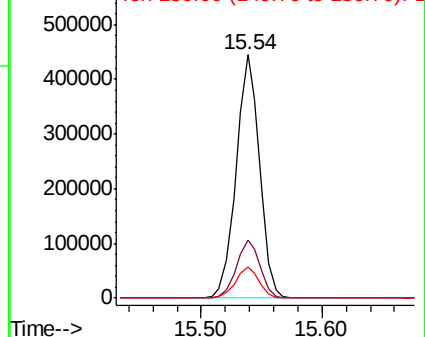


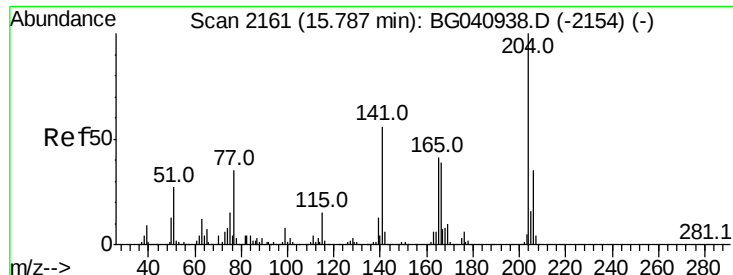
#60
 Diethylphthalate
 Concen: 48.912 ng
 RT: 15.54 min Scan# 2119
 Delta R.T. 0.00 min
 Lab File: BG041142.D
 Acq: 8 Jun 2019 20:35

Tgt Ion:	149	Resp:	597110
Ion	Ratio	Lower	Upper
149	100		
177	23.6	19.4	29.0
150	12.8	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

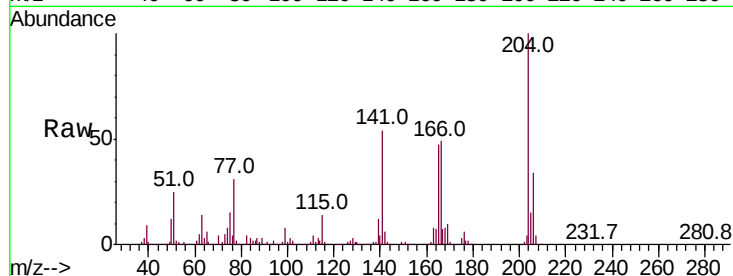




#61
4-Chlorophenyl-phenylether
Concen: 48.862 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.5	27.6	41.4
141	54.0	45.1	67.7

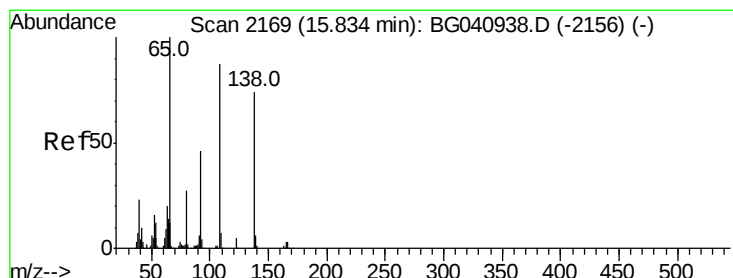
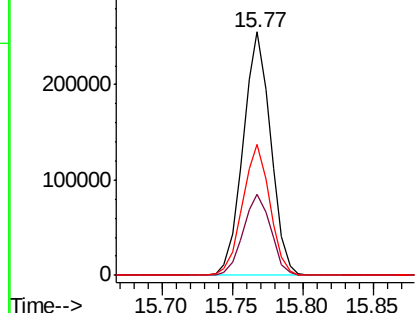
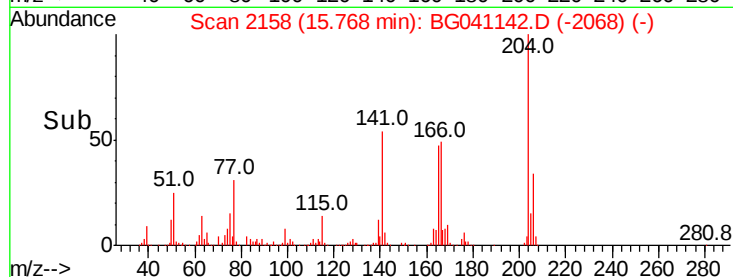


Abundance

Ion 204.00 (203.70 to 204.70): E

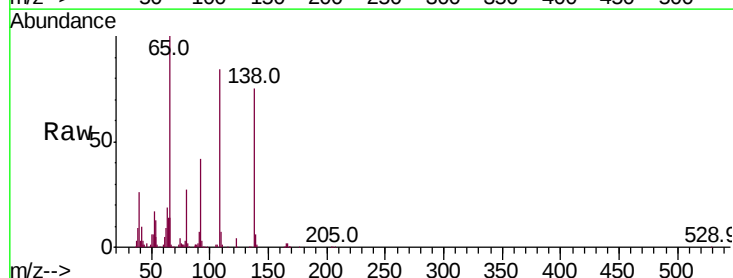
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 47.415 ng
RT: 15.81 min Scan# 2166
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Tgt Ion	Ratio	Lower	Upper
138	100		
92	56.2	42.4	82.4
108	111.6	96.9	136.9

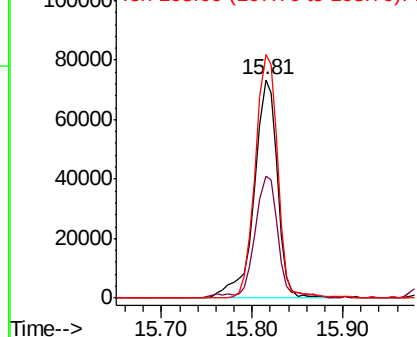
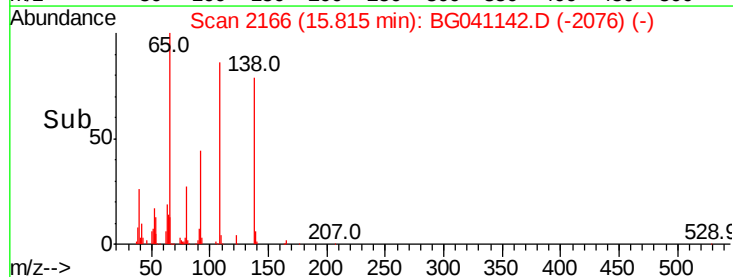


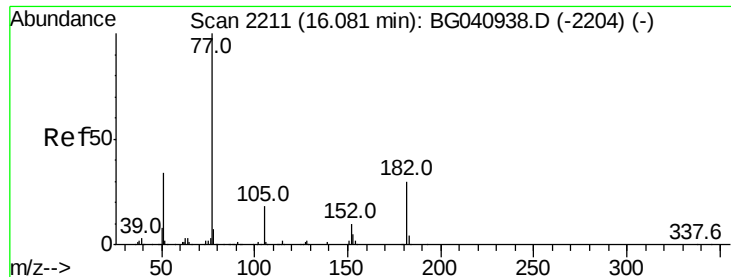
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

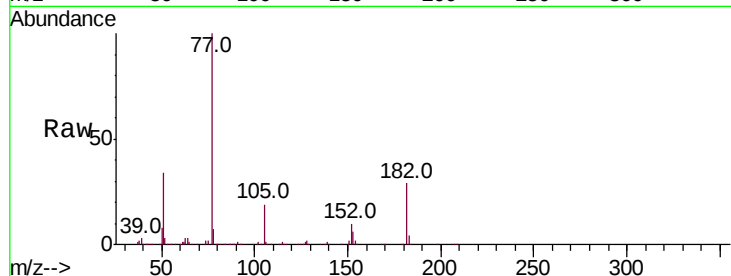




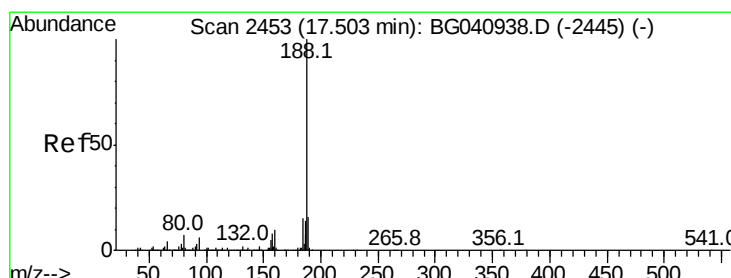
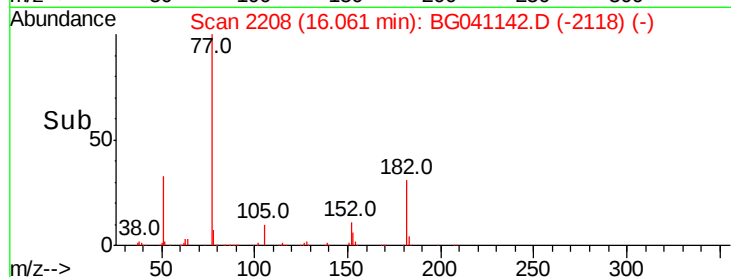
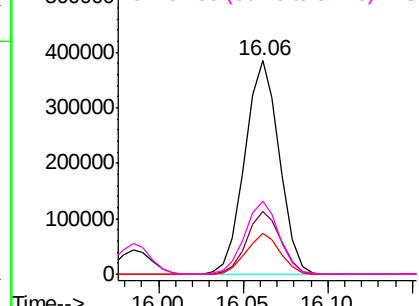
#63
Azobenzene
Concen: 49.154 ng
RT: 16.06 min Scan# 2208
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MS

Tot Ion:	77	Resp:	545397
Ion	Ratio	Lower	Upper
77	100		
182	29.3	9.6	49.6
105	19.1	0.0	37.5
51	34.2	13.7	53.7

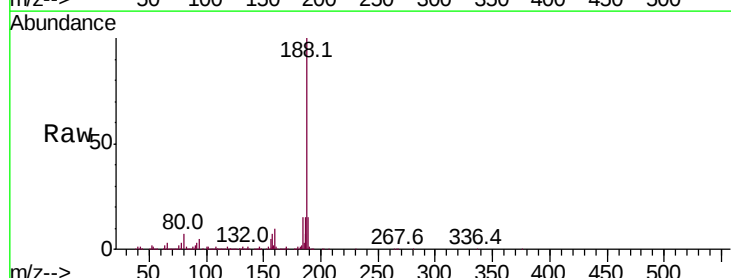


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

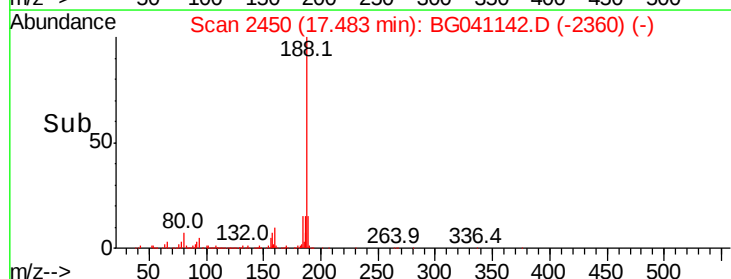
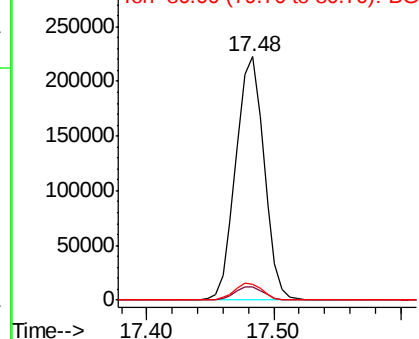


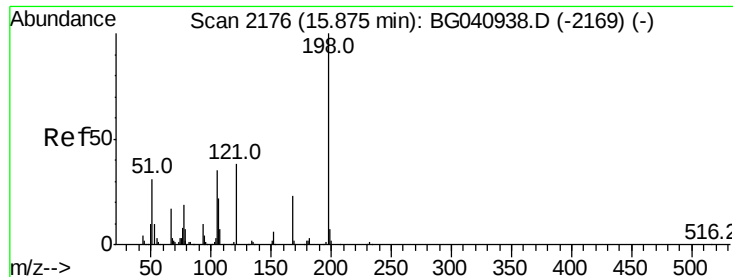
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.48 min Scan# 2450
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Tgt Ion:	188	Resp:	342922
Ion	Ratio	Lower	Upper
188	100		
94	5.4	4.7	7.1
80	6.7	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: 47.468 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

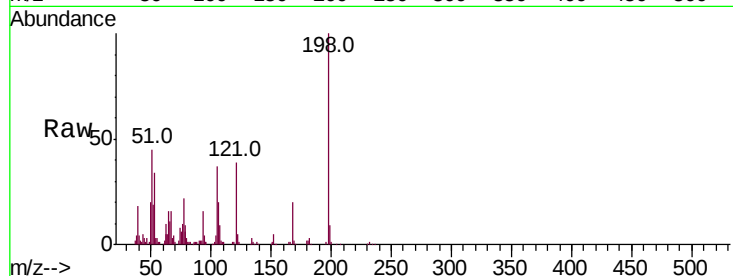
Tot Ion:198 Resp: 87013

Ion Ratio Lower Upper

198 100

51 44.6 21.6 61.6

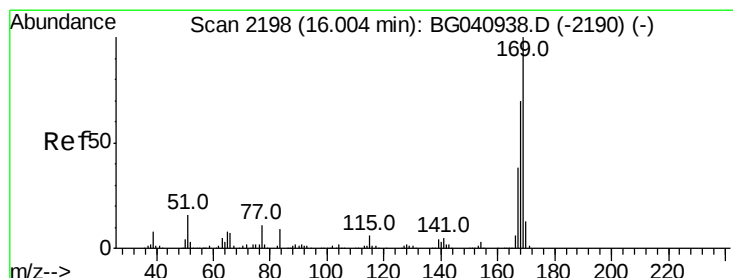
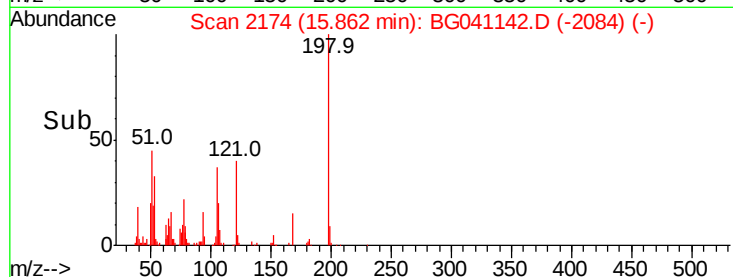
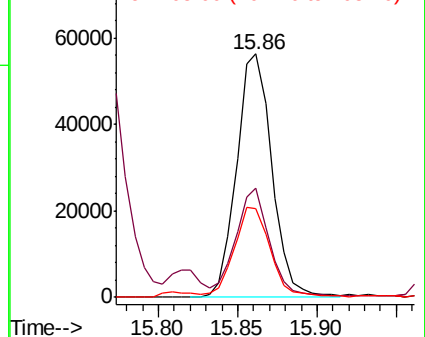
105 36.6 17.5 57.5



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



#66

n-Nitrosodiphenylamine

Concen: 51.959 ng

RT: 15.98 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

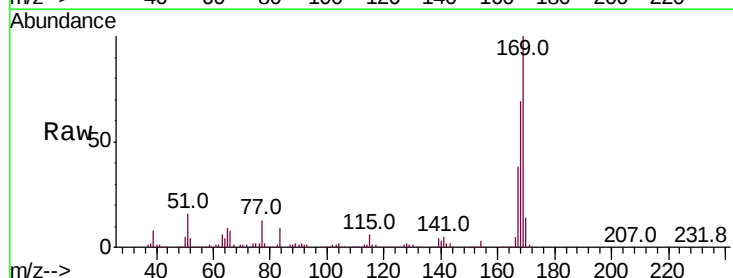
Tgt Ion:169 Resp: 500884

Ion Ratio Lower Upper

169 100

168 69.3 55.7 83.5

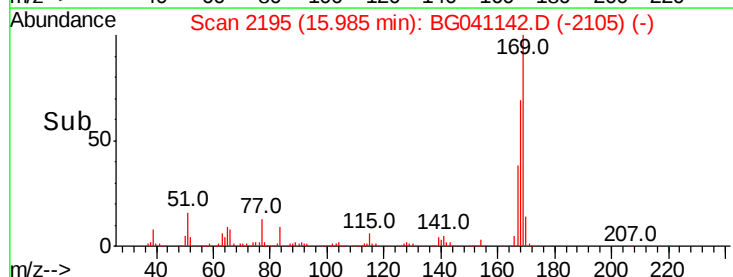
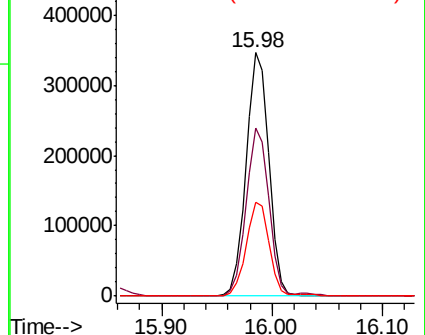
167 38.5 30.2 45.2

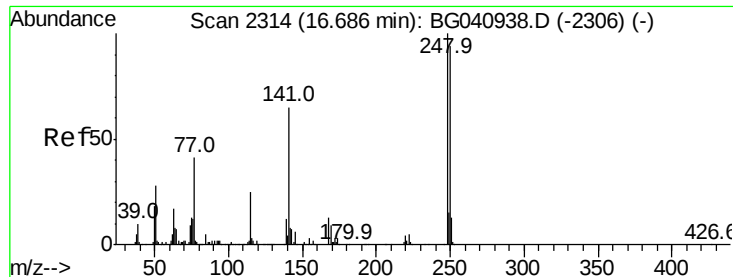


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

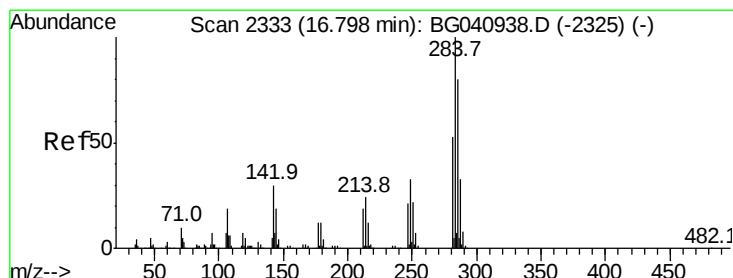
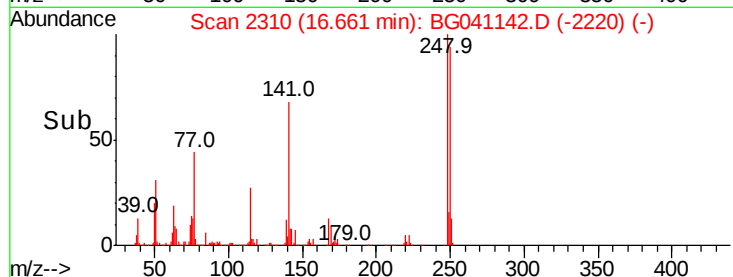
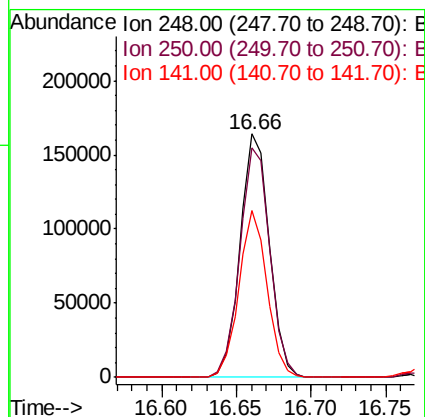
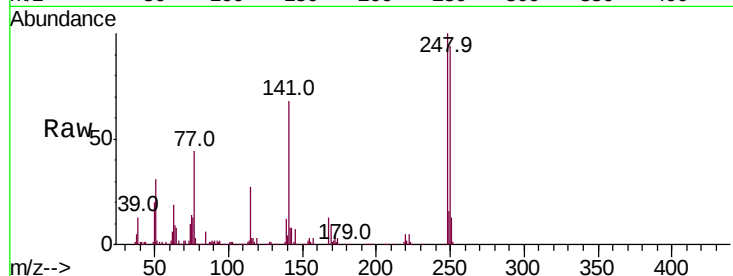




#67
4-Bromophenyl-phenylether
Concen: 48.090 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

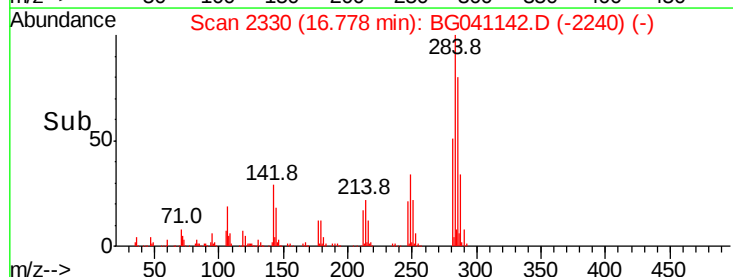
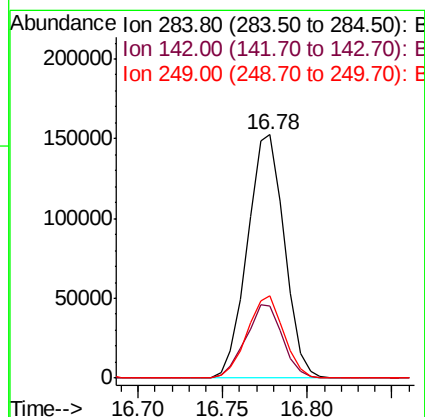
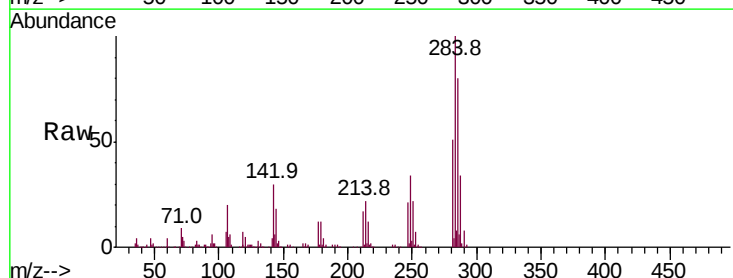
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MS

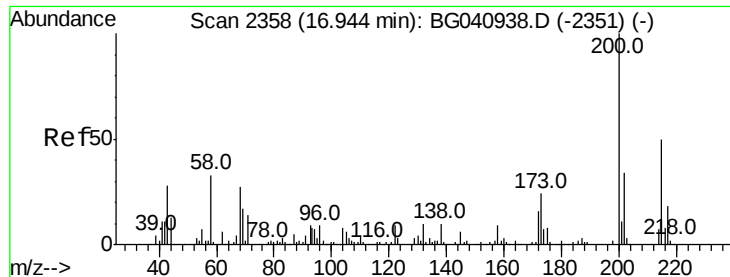
Tot Ion:248 Resp: 222552
Ion Ratio Lower Upper
248 100
250 94.3 75.0 112.4
141 68.3 52.4 78.6



#68
Hexachlorobenzene
Concen: 47.101 ng
RT: 16.78 min Scan# 2330
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Tgt Ion:284 Resp: 232109
Ion Ratio Lower Upper
284 100
142 29.9 23.9 35.9
249 33.9 26.8 40.2





#69

Atrazine

Concen: 57.463 ng

RT: 16.93 min Scan# 2355

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

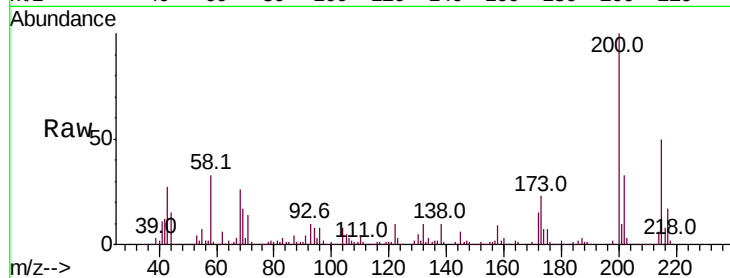
Tot Ion:200 Resp: 213740

Ion Ratio Lower Upper

200 100

173 23.1 3.6 43.6

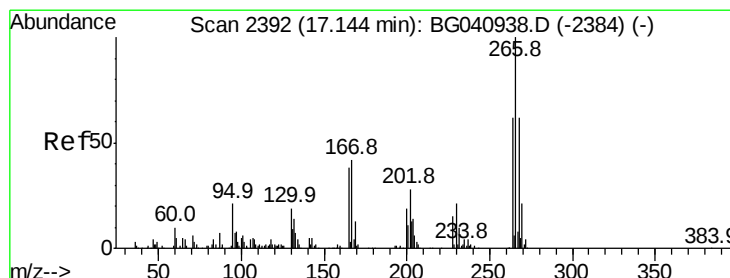
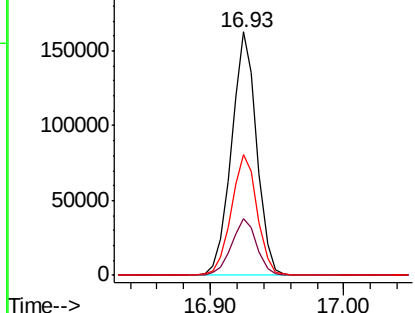
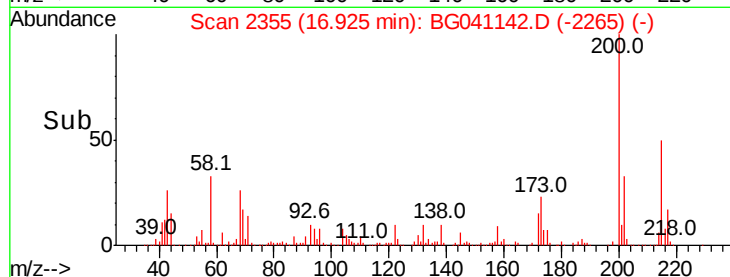
215 49.6 29.6 69.6



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: 95.561 ng

RT: 17.12 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

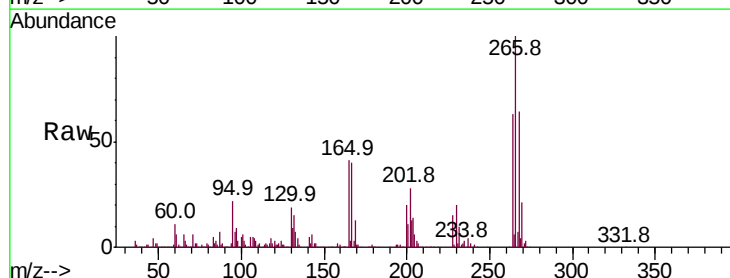
Tgt Ion:266 Resp: 254581

Ion Ratio Lower Upper

266 100

268 64.0 53.1 79.7

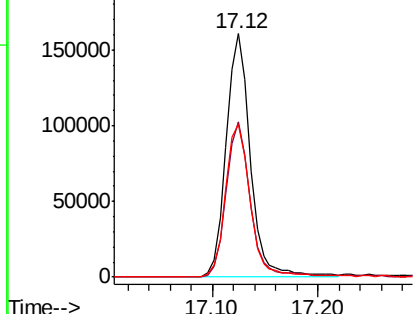
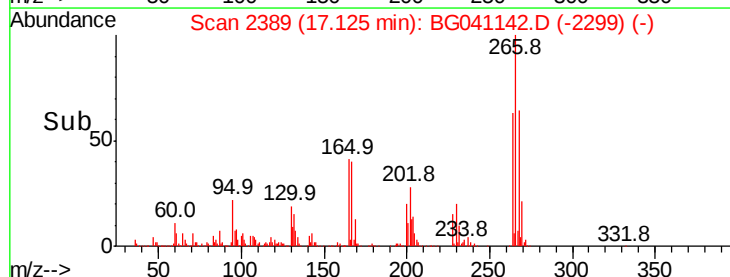
264 62.7 49.9 74.9

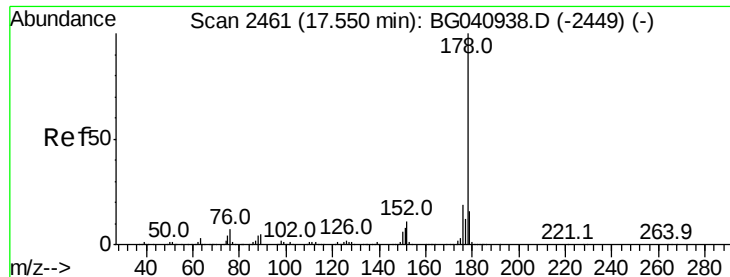


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





#71

Phenanthrene

Concen: 50.287 ng

RT: 17.52 min Scan# 2457

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

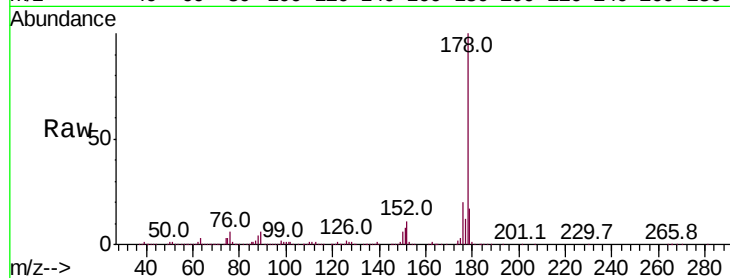
Tot Ion:178 Resp: 898237

Ion Ratio Lower Upper

178 100

176 19.6 15.5 23.3

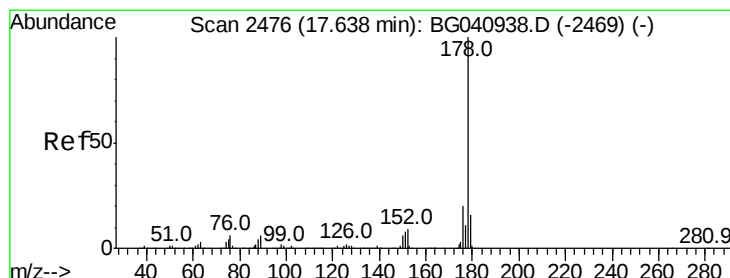
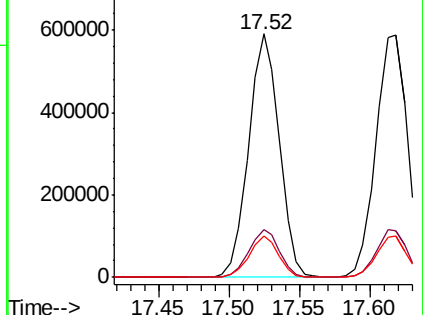
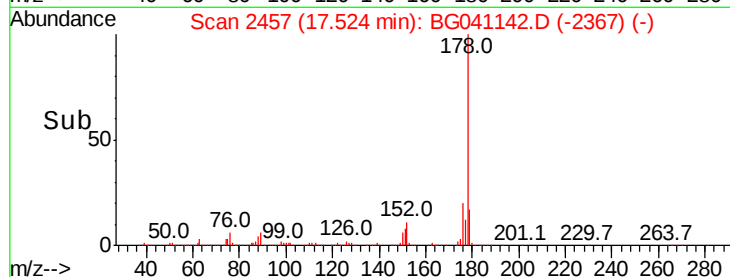
179 16.8 12.7 19.1



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: 52.059 ng

RT: 17.62 min Scan# 2473

Delta R.T. 0.01 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

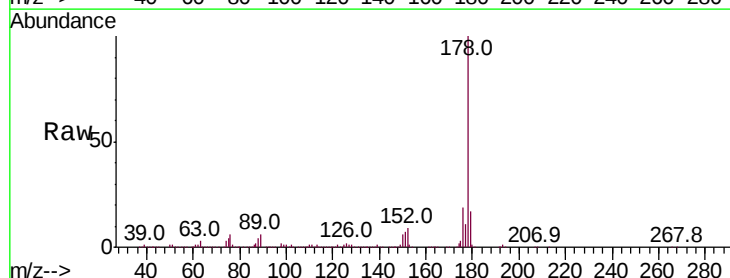
Tgt Ion:178 Resp: 917120

Ion Ratio Lower Upper

178 100

176 19.4 15.6 23.4

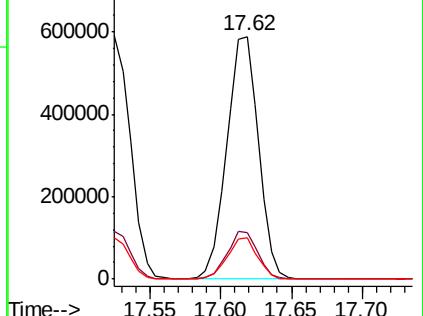
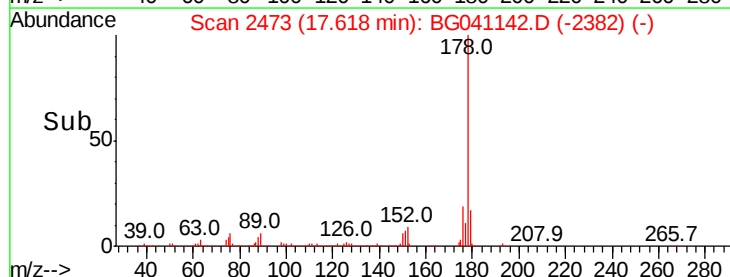
179 17.1 13.0 19.4

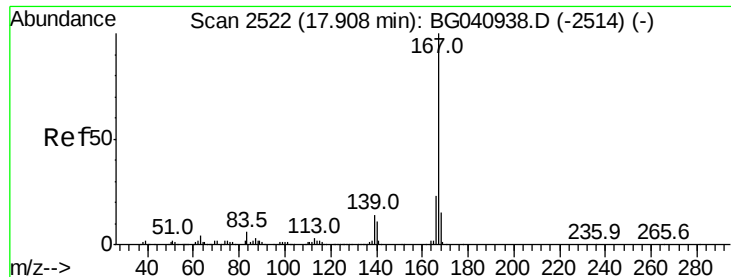


Abundance Ion 178.00 (177.70 to 178.70): E

Ion 176.00 (175.70 to 176.70): E

Ion 179.00 (178.70 to 179.70): E

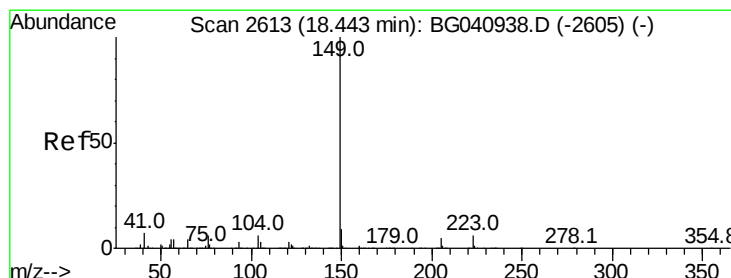
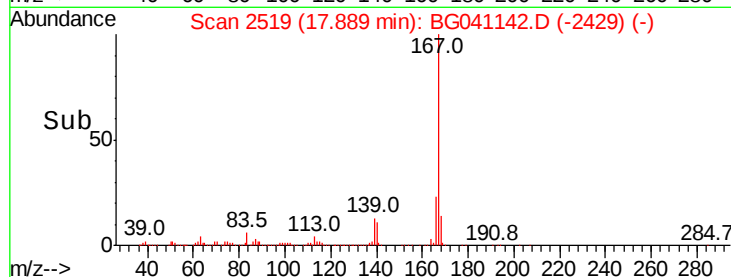
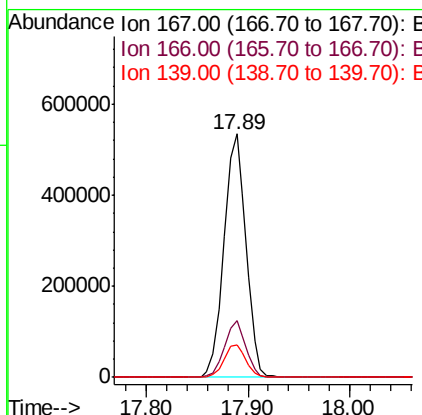
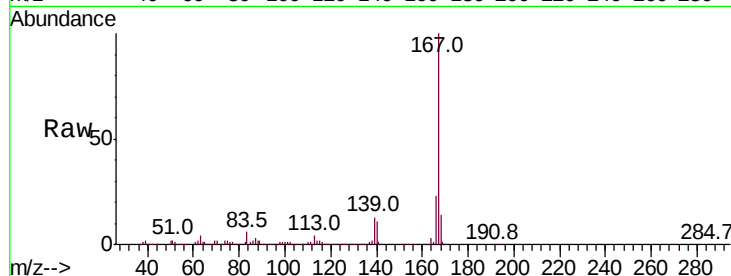




#73
 Carbazole
 Concen: 53.277 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041142.D
 Acq: 8 Jun 2019 20:35

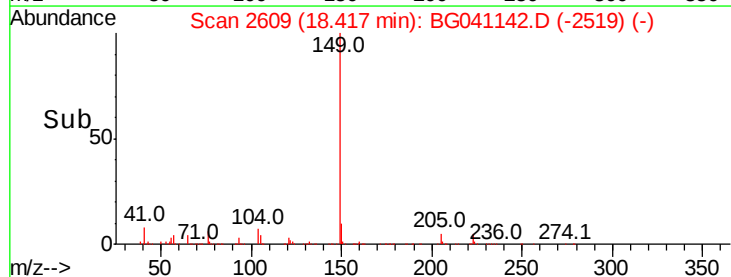
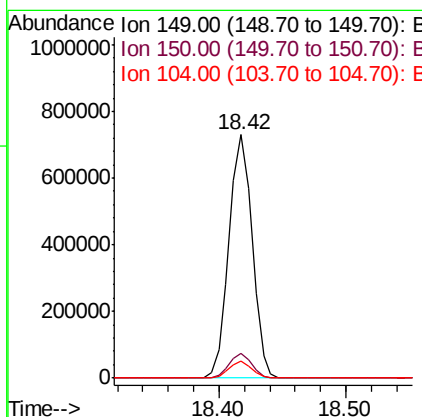
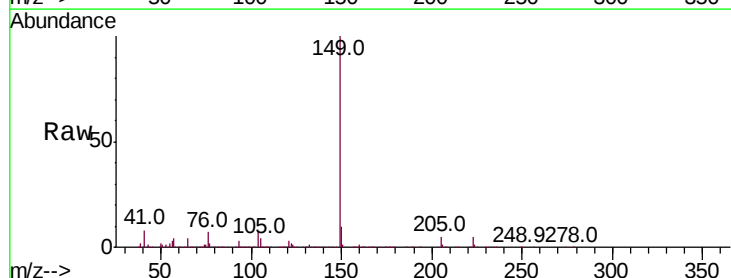
Instrument :
 BNA_G
 ClientSampleId :
 FK-PS-01-047MS

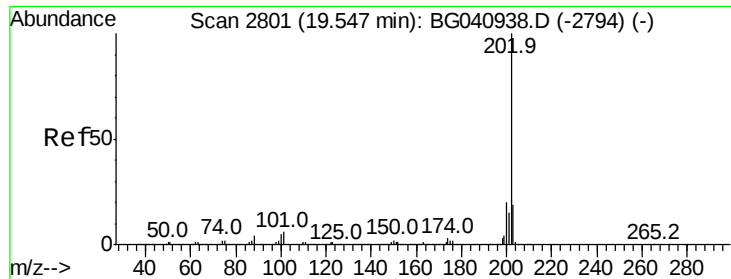
Tot Ion	Ratio	Lower	Upper
167	100		
166	23.4	18.2	27.4
139	13.3	10.8	16.2



#74
 Di-n-butylphthalate
 Concen: 49.142 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041142.D
 Acq: 8 Jun 2019 20:35

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.3	7.4	11.2
104	6.9	5.0	7.4





#75

Fluoranthene

Concen: 51.120 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

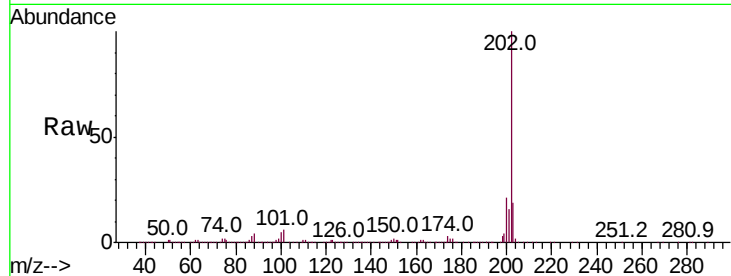
Tot Ion:202 Resp: 1127863

Ion Ratio Lower Upper

202 100

101 6.2 0.0 26.2

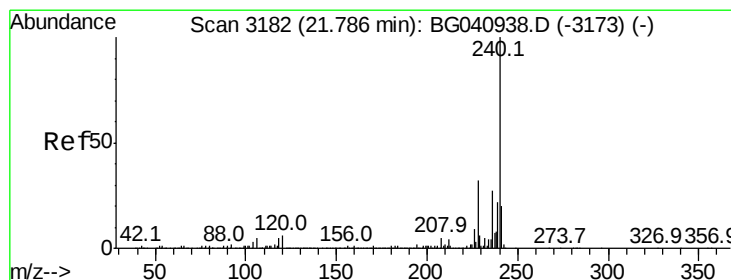
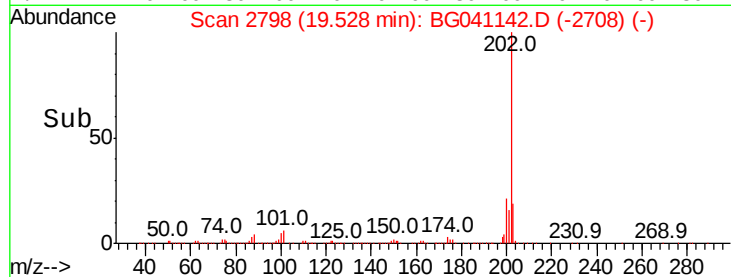
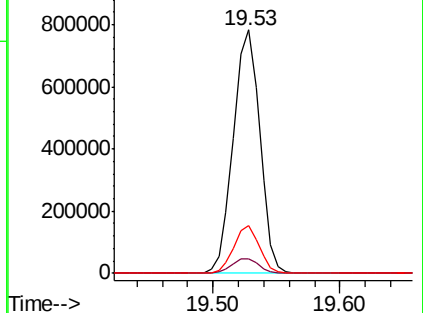
203 19.4 0.0 38.7



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: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

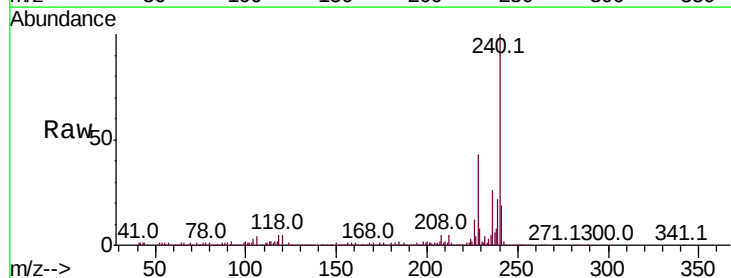
Tgt Ion:240 Resp: 337285

Ion Ratio Lower Upper

240 100

120 4.6 4.5 6.7

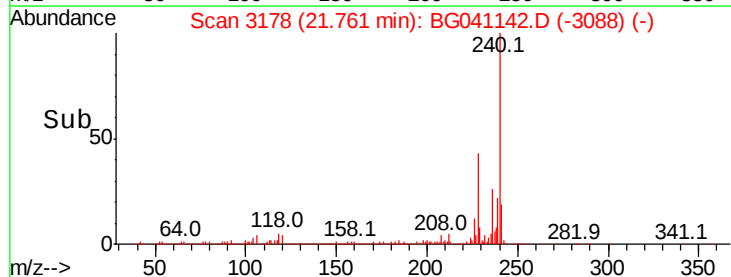
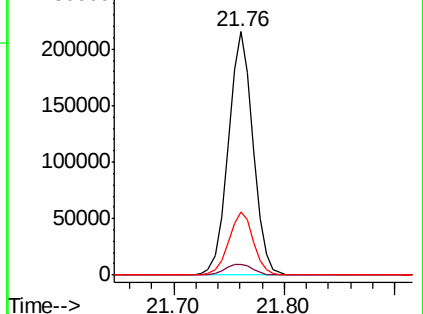
236 26.1 21.3 31.9

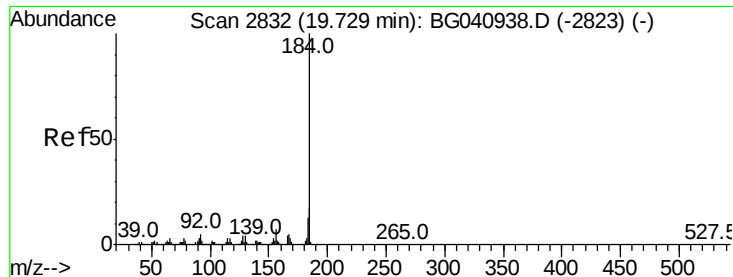


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 41.293 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

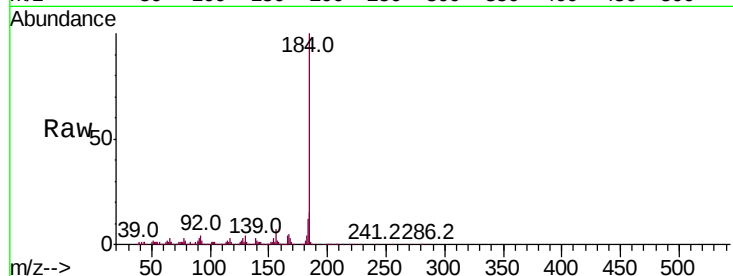
BNA_G

ClientSampleId :

FK-PS-01-047MS

Tot Ion:184 Resp: 332242

Ion	Ratio	Lower	Upper
184	100		
185	15.5	13.3	19.9
183	12.4	10.7	16.1

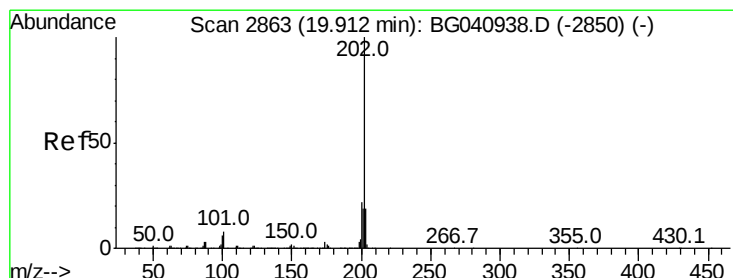
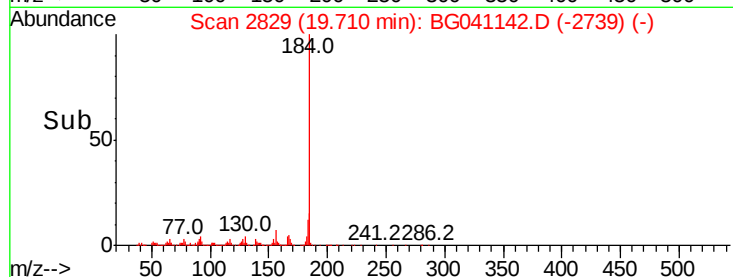
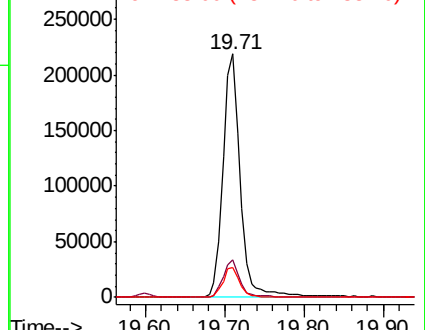


Abundance

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: 51.392 ng

RT: 19.89 min Scan# 2860

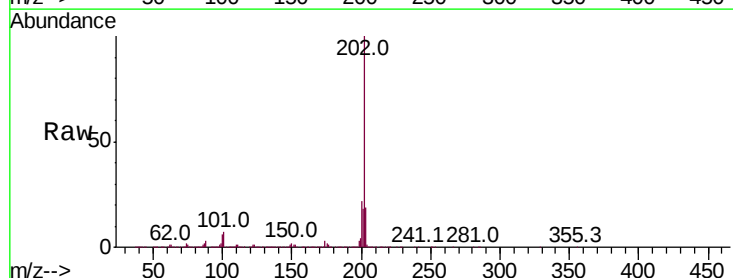
Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Tgt Ion:202 Resp: 1126816

Ion	Ratio	Lower	Upper
202	100		
200	22.4	17.5	26.3
203	19.1	15.6	23.4

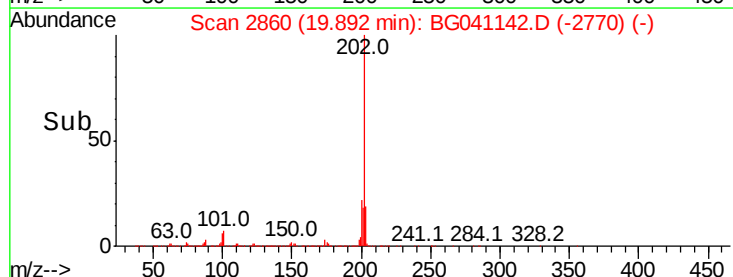
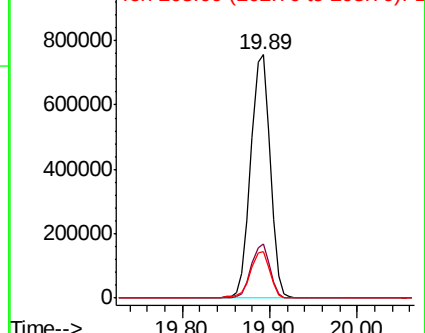


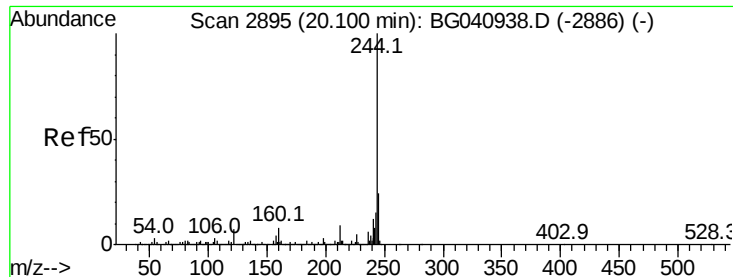
Abundance

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: 86.586 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

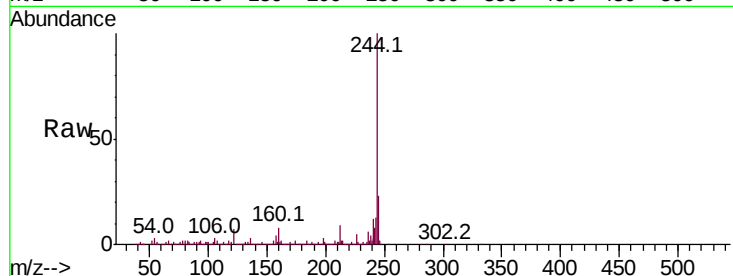
Tot Ion:244 Resp: 1376027

Ion	Ratio	Lower	Upper
244	100		
212	9.0	7.0	10.4
122	7.0	5.4	8.0

244 100

212 9.0 7.0 10.4

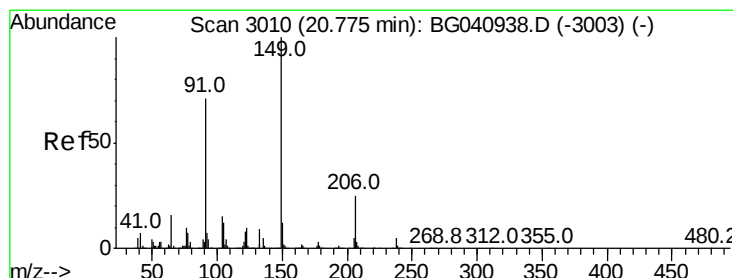
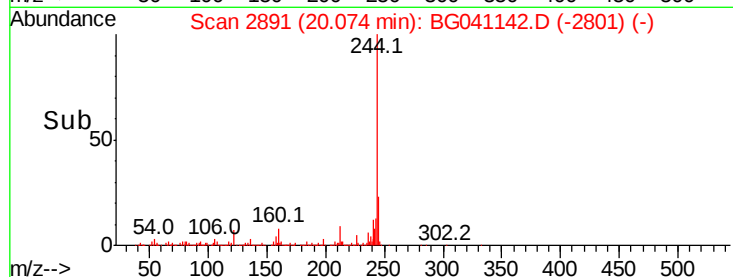
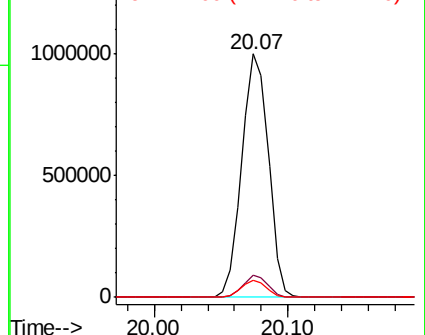
122 7.0 5.4 8.0



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: 51.275 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

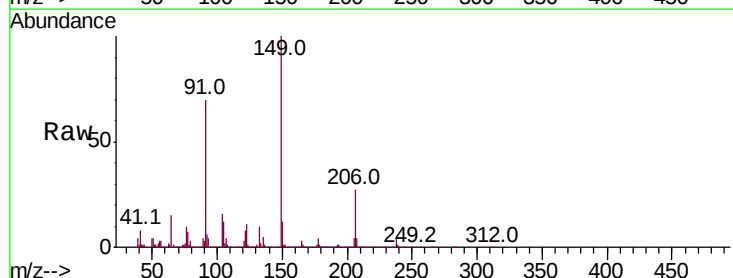
Tgt Ion:149 Resp: 437509

Ion	Ratio	Lower	Upper
149	100		
91	70.2	56.5	84.7
206	27.0	20.3	30.5

149 100

91 70.2 56.5 84.7

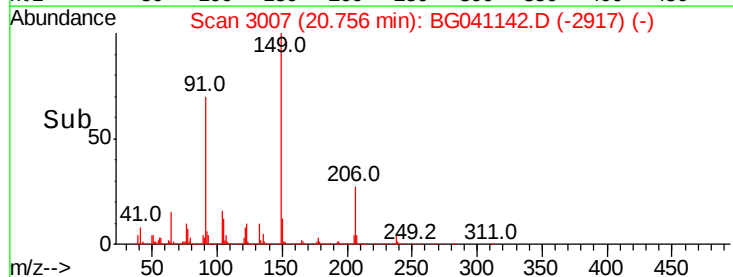
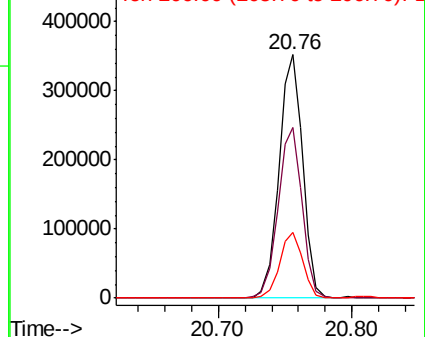
206 27.0 20.3 30.5

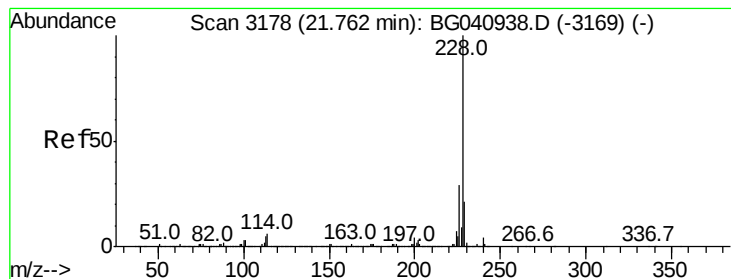


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.814 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

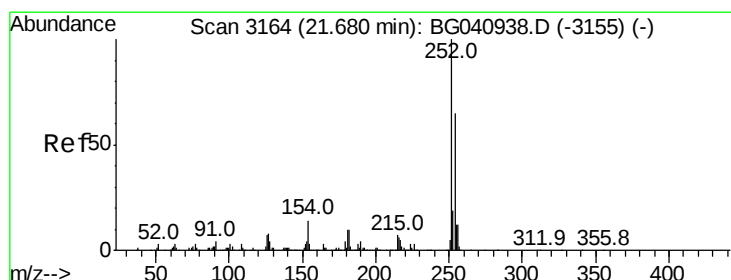
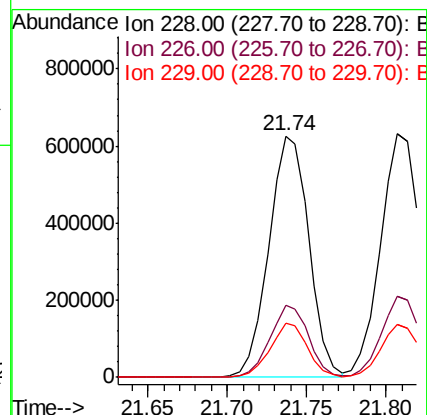
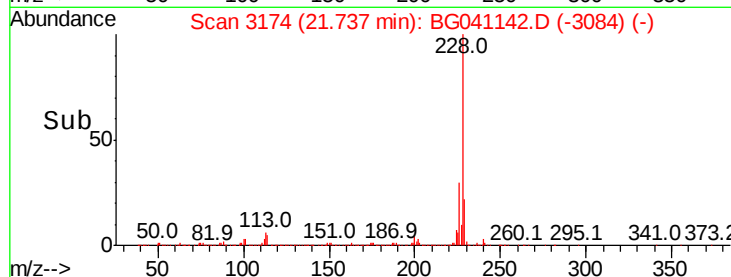
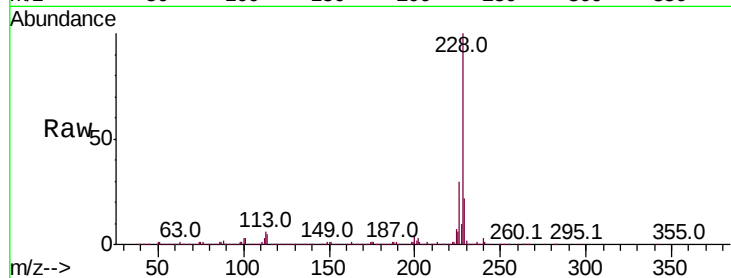
Tot Ion:228 Resp: 1095972

Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.5	35.3
229	22.2	16.7	25.1

228 100

226 29.8 23.5 35.3

229 22.2 16.7 25.1



#82

3,3'-Dichlorobenzidine

Concen: 22.375 ng

RT: 21.65 min Scan# 3160

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

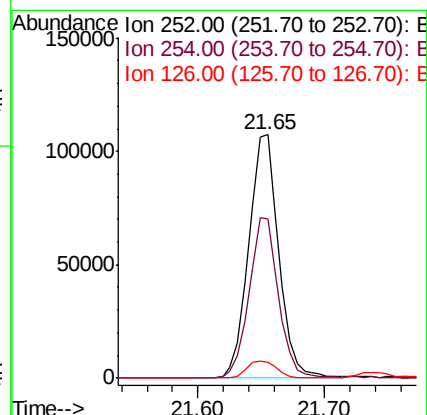
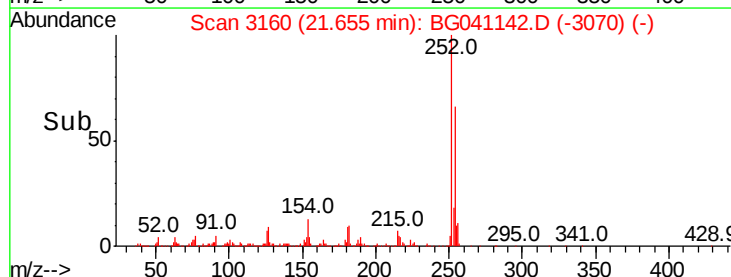
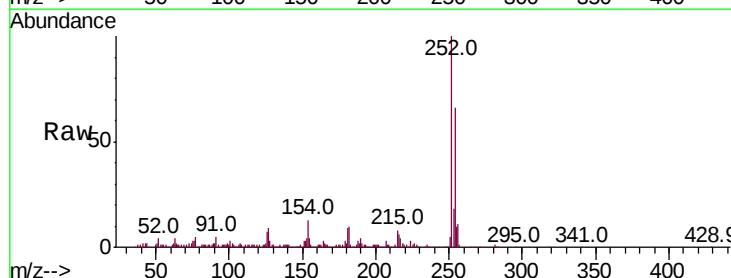
Tgt Ion:252 Resp: 176693

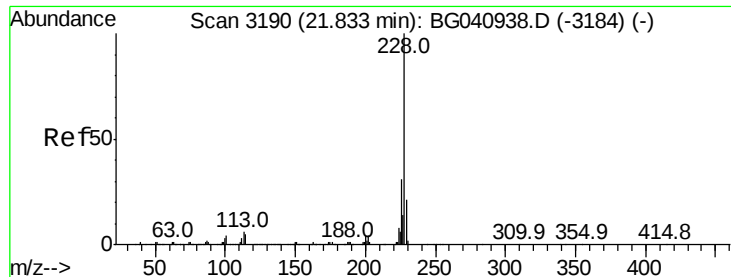
Ion	Ratio	Lower	Upper
252	100		
254	65.6	52.1	78.1
126	6.6	5.5	8.3

252 100

254 65.6 52.1 78.1

126 6.6 5.5 8.3





#83

Chrysene

Concen: 50.267 ng

RT: 21.81 min Scan# 3186

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

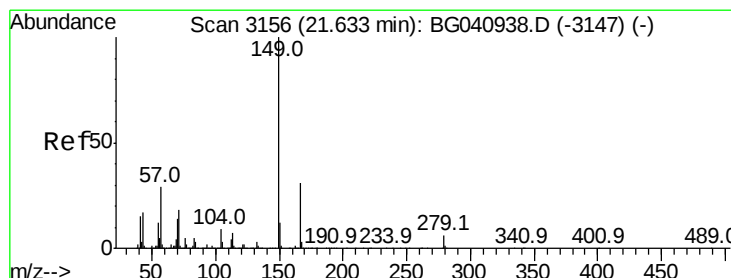
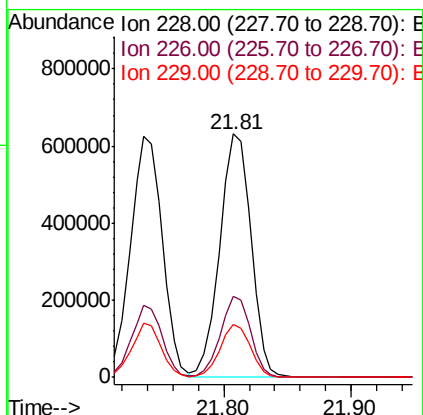
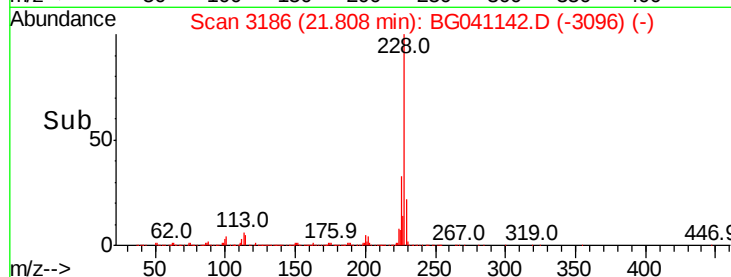
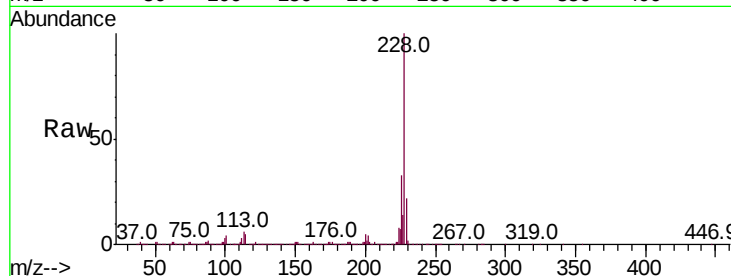
Tot Ion:228 Resp: 1080002

Ion Ratio Lower Upper

228 100

226 33.5 24.6 37.0

229 22.0 16.6 24.8



#84

Bis(2-ethylhexyl)phthalate

Concen: 50.425 ng

RT: 21.61 min Scan# 3152

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

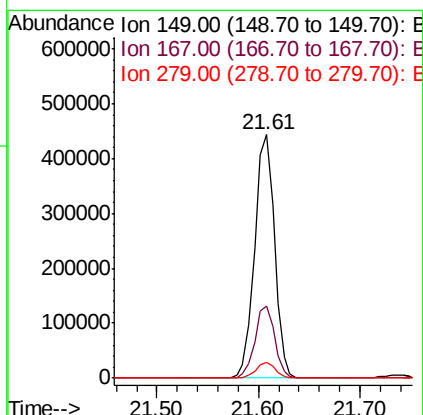
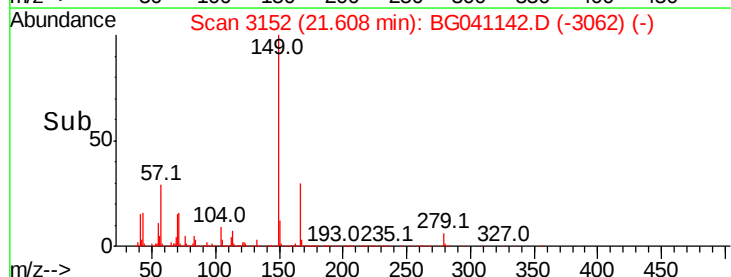
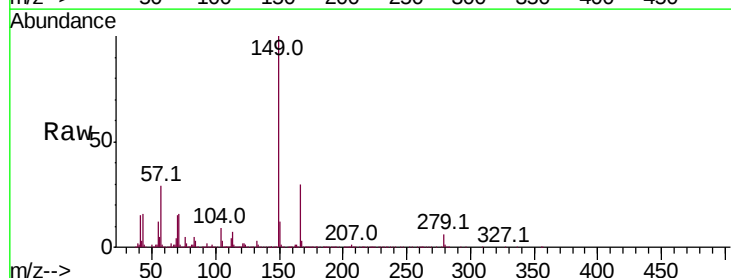
Tgt Ion:149 Resp: 605672

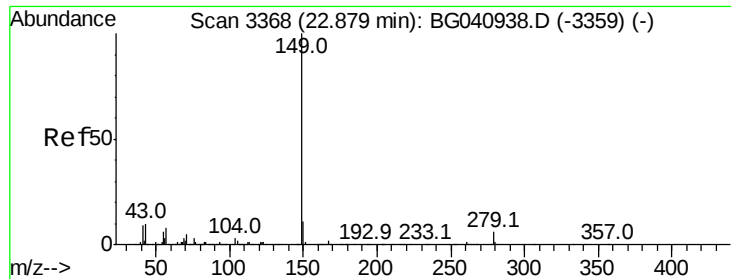
Ion Ratio Lower Upper

149 100

167 29.7 24.6 37.0

279 6.3 5.0 7.6





#85

Di-n-octyl phthalate

Concen: 50.933 ng

RT: 22.85 min Scan# 3363

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

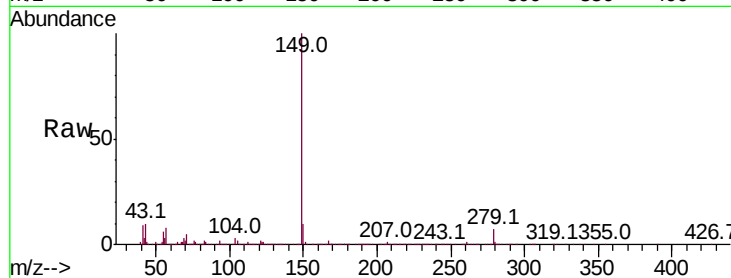
Tot Ion:149 Resp: 1018879

Ion Ratio Lower Upper

149 100

167 1.8 1.4 2.0

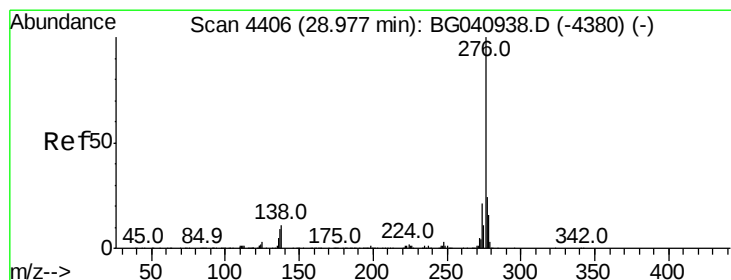
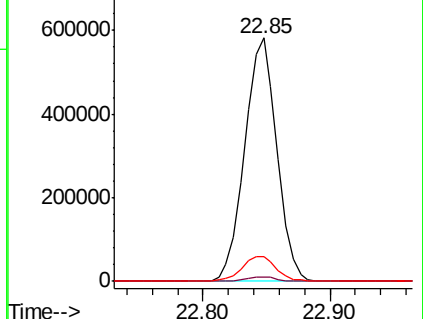
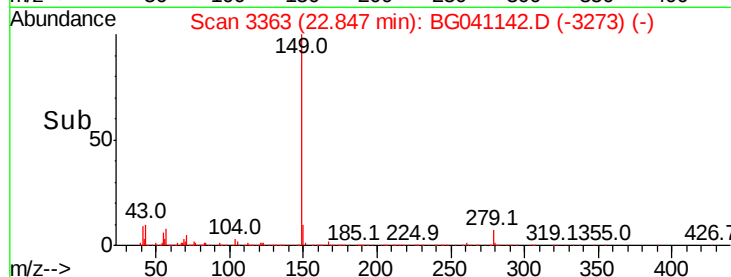
43 10.3 8.1 12.1



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: 50.176 ng

RT: 28.91 min Scan# 4395

Delta R.T. 0.01 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

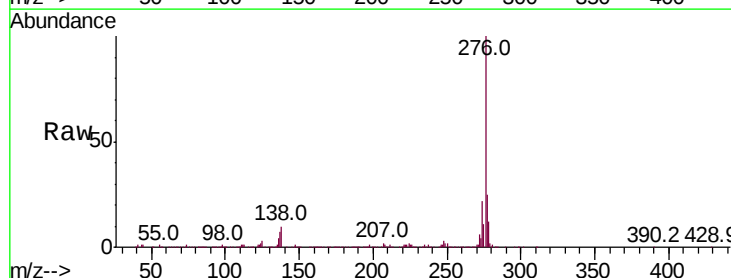
Tgt Ion:276 Resp: 1320596

Ion Ratio Lower Upper

276 100

138 12.8 5.7 8.5#

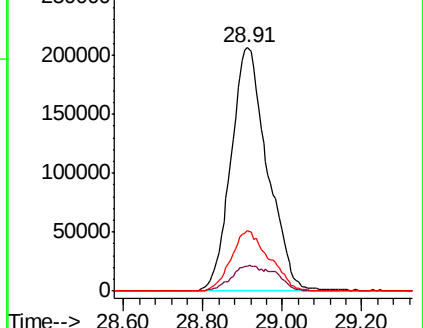
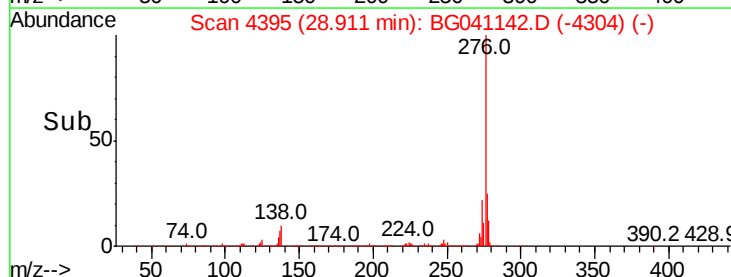
277 26.1 20.8 31.2

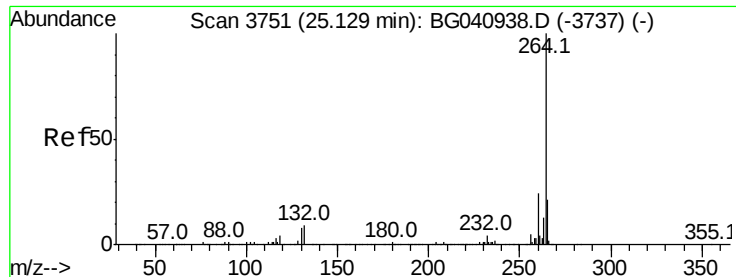


Abundance Ion 276.00 (275.70 to 276.70): E

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: 25.09 min Scan# 3744

Delta R.T. 0.00 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MS

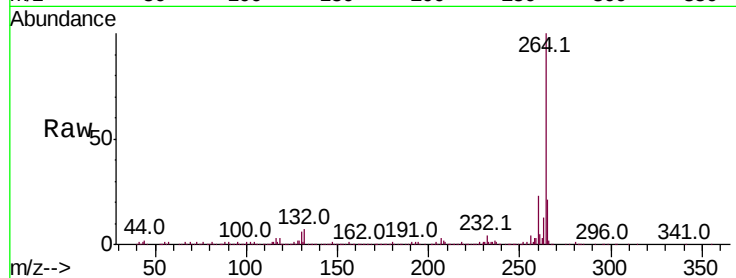
Tot Ion:264 Resp: 367092

Ion Ratio Lower Upper

264 100

260 23.4 19.0 28.4

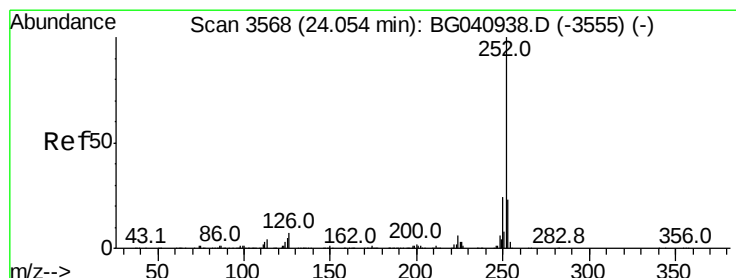
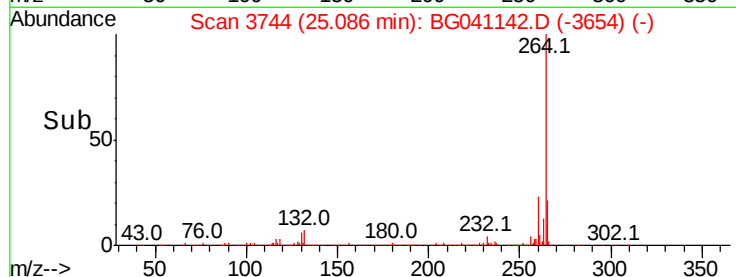
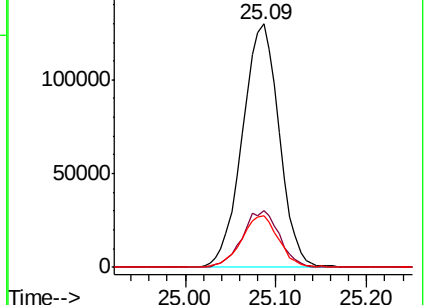
265 21.4 17.0 25.4



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



#88

Benzo(b)fluoranthene

Concen: 50.673 ng

RT: 24.02 min Scan# 3563

Delta R.T. 0.01 min

Lab File: BG041142.D

Acq: 8 Jun 2019 20:35

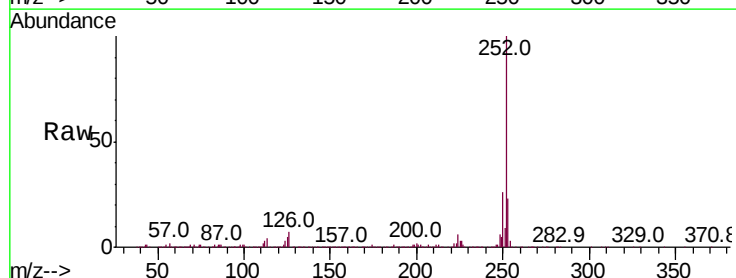
Tgt Ion:252 Resp: 1128249

Ion Ratio Lower Upper

252 100

253 23.2 18.4 27.6

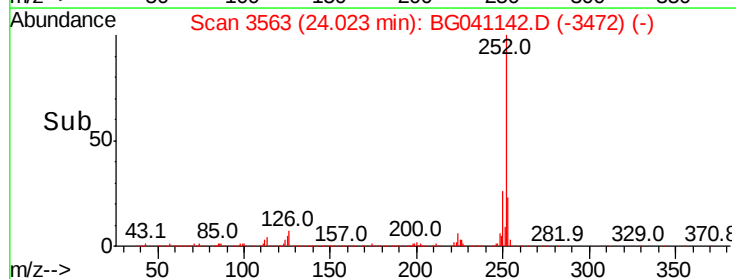
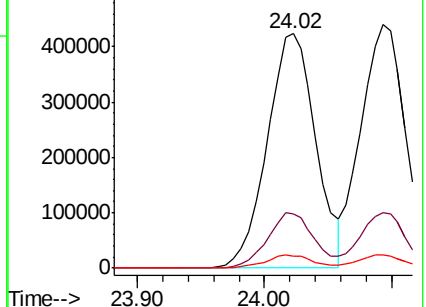
125 5.3 4.3 6.5

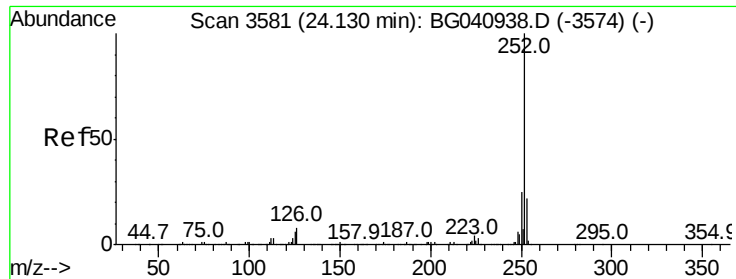


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

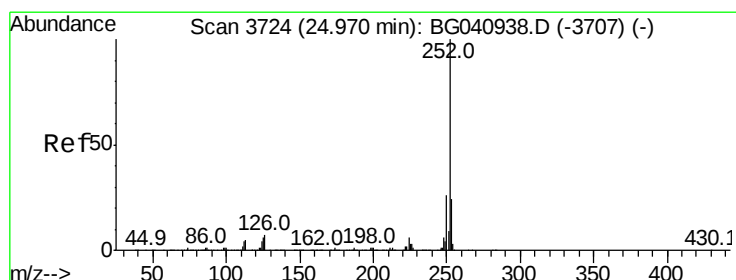
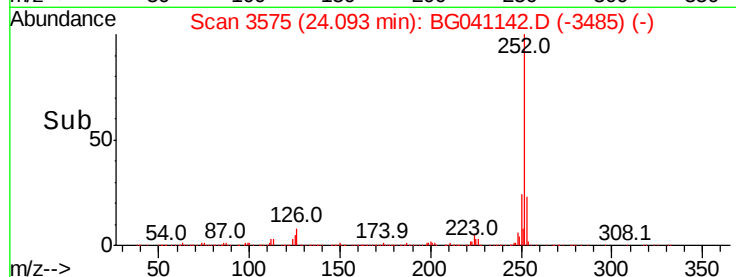
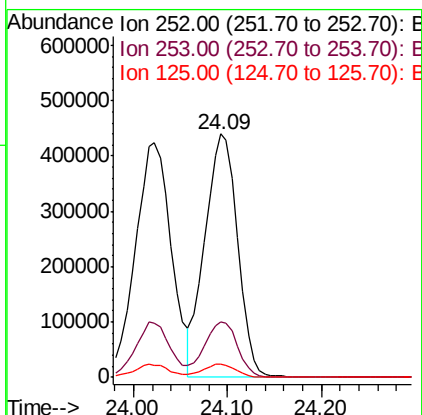
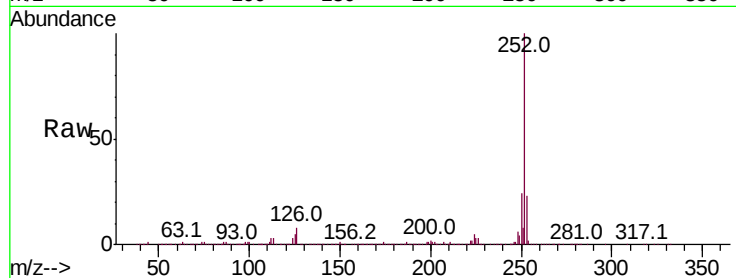




#89
Benzo(k)fluoranthene
Concen: 48.562 ng
RT: 24.09 min Scan# 3575
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

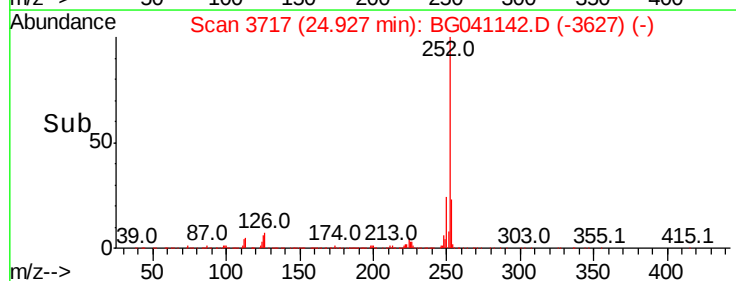
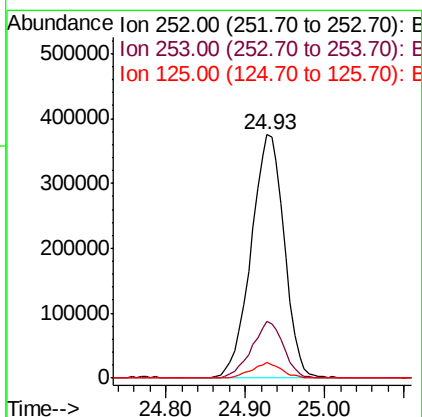
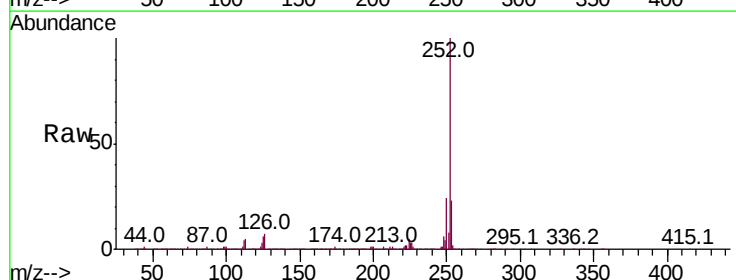
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MS

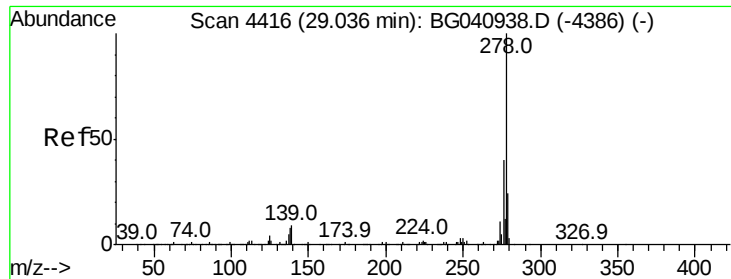
Tot Ion:252 Resp: 1069978
Ion Ratio Lower Upper
252 100
253 23.0 17.8 26.6
125 5.4 4.7 7.1



#90
Benzo(a)pyrene
Concen: 51.395 ng
RT: 24.93 min Scan# 3717
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Tgt Ion:252 Resp: 1091772
Ion Ratio Lower Upper
252 100
253 23.2 19.5 29.3
125 6.3 5.1 7.7



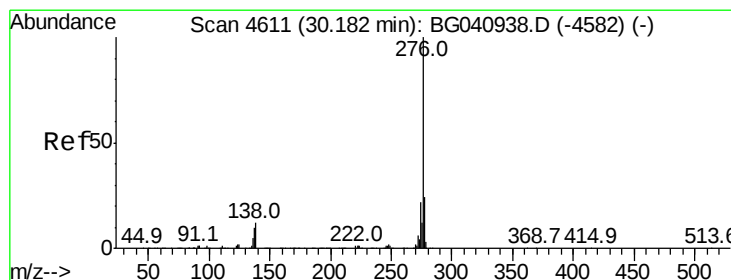
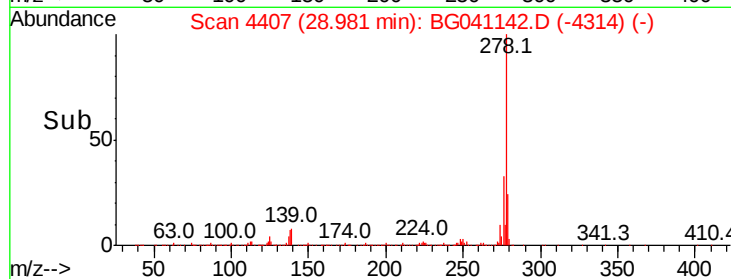
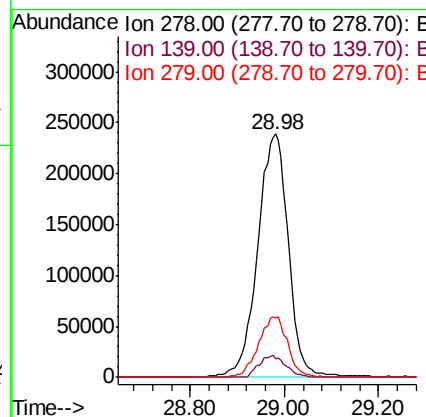
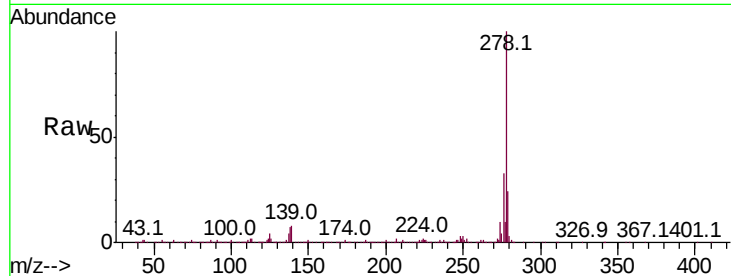


#91
Dibenzo(a,h)anthracene
Concen: 50.803 ng
RT: 28.98 min Scan# 4407
Delta R.T. 0.02 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MS

Tot Ion:278 Resp: 1078347

Ion	Ratio	Lower	Upper
278	100		
139	7.7	7.1	10.7
279	24.2	19.4	29.2



#92
Benzo(g,h,i)perylene
Concen: 52.652 ng
RT: 30.12 min Scan# 4600
Delta R.T. 0.00 min
Lab File: BG041142.D
Acq: 8 Jun 2019 20:35

Tgt Ion:276 Resp: 1085761

Ion	Ratio	Lower	Upper
276	100		
277	24.0	19.4	29.0
138	10.7	9.7	14.5

