

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
 Data File : BG041143.D
 Acq On : 8 Jun 2019 21:13
 Operator : HP/JU
 Sample : K3246-01MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

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

Quant Time: Jun 10 04:30:37 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	8.10	152	53456	20.00	ng	0.00
21) Naphthalene-d8	10.93	136	207242	20.00	ng	0.00
39) Acenaphthene-d10	14.74	164	145033	20.00	ng	0.00
64) Phenanthrene-d10	17.48	188	343550	20.00	ng	0.00
76) Chrysene-d12	21.76	240	341362	20.00	ng	0.00
87) Perylene-d12	25.08	264	370575	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.64	112	474317	160.00	ng	0.00
7) Phenol-d6	7.26	99	701145	153.14	ng	0.01
23) Nitrobenzene-d5	9.29	82	464067	99.41	ng	0.00
42) 2,4,6-Tribromophenol	16.23	330	326292	151.54	ng	0.00
45) 2-Fluorobiphenyl	13.36	172	939796	93.32	ng	0.00
79) Terphenyl-d14	20.07	244	1395452	86.76	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	47676	35.441	ng	93
3) Pyridine	3.91	79	139790	35.119	ng	95
4) n-Nitrosodimethylamine	3.83	42	86066	46.588	ng	92
6) Aniline	7.43	93	141216	23.108	ng	100
8) 2-Chlorophenol	7.67	128	180556	51.088	ng	95
9) Benzaldehyde	7.24	77	59349	21.731	ng	95
10) Phenol	7.28	94	257661	52.488	ng	99
11) bis(2-Chloroethyl)ether	7.52	93	165664	46.520	ng	99
12) 1,3-Dichlorobenzene	7.99	146	189350	44.857	ng	95
13) 1,4-Dichlorobenzene	8.14	146	196014	45.876	ng	96
14) 1,2-Dichlorobenzene	8.46	146	185789	44.783	ng	97
15) Benzyl Alcohol	8.35	79	205541	48.532	ng	92
16) 2,2'-oxybis(1-Chloropropan	8.63	45	257287	44.214	ng	98
17) 2-Methylphenol	8.54	107	172901	48.646	ng	98
18) Hexachloroethane	9.19	117	76403	46.395	ng	96
19) n-Nitroso-di-n-propylamine	8.91	70	159741	45.339	ng	96
20) 3+4-Methylphenols	8.87	107	236303	47.996	ng	98
22) Acetophenone	8.94	105	303754	52.250	ng	# 97
24) Nitrobenzene	9.33	77	247329	51.989	ng	98
25) Isophorone	9.85	82	450400	50.697	ng	97
26) 2-Nitrophenol	10.04	139	112632	57.429	ng	94
27) 2,4-Dimethylphenol	10.08	122	187657	57.935	ng	94
28) bis(2-Chloroethoxy)methane	10.32	93	236447	49.311	ng	99
29) 2,4-Dichlorophenol	10.57	162	217157	52.794	ng	98
30) 1,2,4-Trichlorobenzene	10.79	180	239049	51.088	ng	99
31) Naphthalene	10.98	128	575632	51.733	ng	99
32) Benzoic acid	10.18	122	34356	19.460	ng	91
33) 4-Chloroaniline	11.09	127	87213	16.893	ng	95
34) Hexachlorobutadiene	11.24	225	173228	48.384	ng	98
35) Caprolactam	11.88	113	64314m	47.349	ng	
36) 4-Chloro-3-methylphenol	12.20	107	237805	50.623	ng	96
37) 2-Methylnaphthalene	12.58	142	425517	49.653	ng	98
38) 1-Methylnaphthalene	12.80	142	407085	50.409	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.94	216	311549	53.296	ng	98

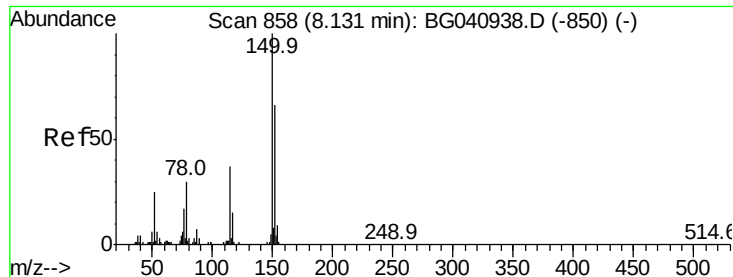
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG060819\
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.90	237	292262	91.670	nq	100
43) 2,4,6-Trichlorophenol	13.18	196	202839	53.638	nq	95
44) 2,4,5-Trichlorophenol	13.25	196	207055	51.917	nq	98
46) 1,1'-Biphenyl	13.57	154	563625	52.500	nq	100
47) 2-Chloronaphthalene	13.62	162	471522	51.161	nq	99
48) 2-Nitroaniline	13.83	65	164453	49.738	nq	98
49) Acenaphthylene	14.46	152	704871	50.816	nq	99
50) Dimethylphthalate	14.19	163	714079	58.164	nq	99
51) 2,6-Dinitrotoluene	14.32	165	135954	51.360	nq	96
52) Acenaphthene	14.80	154	414970	49.383	nq	97
53) 3-Nitroaniline	14.65	138	87860	33.193	nq	97
54) 2,4-Dinitrophenol	14.86	184	75882	61.613	nq	100
55) Dibenzofuran	15.13	168	712721	50.407	nq	98
56) 4-Nitrophenol	14.95	139	204582	112.682	nq	94
57) 2,4-Dinitrotoluene	15.10	165	190530	50.955	nq	98
58) Fluorene	15.78	166	549186	48.771	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.36	232	206851	52.776	nq	99
60) Diethylphthalate	15.54	149	602817	48.113	nq	100
61) 4-Chlorophenyl-phenylether	15.77	204	350217	47.850	nq	95
62) 4-Nitroaniline	15.82	138	131504	46.928	nq	94
63) Azobenzene	16.06	77	544886	47.849	nq	99
65) 4,6-Dinitro-2-methylphenol	15.86	198	91691	49.483	nq	99
66) n-Nitrosodiphenylamine	15.99	169	506168	52.411	nq	99
67) 4-Bromophenyl-phenylether	16.66	248	227983	49.173	nq	97
68) Hexachlorobenzene	16.77	284	232749	47.144	nq	96
69) Atrazine	16.93	200	214710	57.618	nq	97
70) Pentachlorophenol	17.13	266	272359	101.759	nq	96
71) Phenanthrene	17.52	178	907403	50.707	nq	97
72) Anthracene	17.62	178	924917	52.405	nq	100
73) Carbazole	17.89	167	822768	54.330	nq	100
74) Di-n-butylphthalate	18.42	149	929216	49.369	nq	98
75) Fluoranthene	19.53	202	1141440	51.641	nq	99
77) Benzidine	19.71	184	367429	45.120	nq	96
78) Pyrene	19.89	202	1133379	51.074	nq	100
80) Butylbenzylphthalate	20.76	149	438834	50.816	nq	98
81) Benzo(a)anthracene	21.74	228	1104386	48.602	nq	99
82) 3,3'-Dichlorobenzidine	21.66	252	202267	25.308	nq	94
83) Chrysene	21.81	228	1088435	50.054	nq	97
84) Bis(2-ethylhexyl)phthalate	21.61	149	612604	50.393	nq	98
85) Di-n-octyl phthalate	22.85	149	1030764	50.911	nq	100
86) Indeno(1,2,3-cd)pyrene	28.91	276	1331652	49.992	nq	# 99
88) Benzo(b)fluoranthene	24.02	252	1142289	50.821	nq	99
89) Benzo(k)fluoranthene	24.09	252	1079152	48.518	nq	98
90) Benzo(a)pyrene	24.93	252	1100186	51.304	nq	96
91) Dibenzo(a,h)anthracene	28.98	278	1105584	51.597	nq	100
92) Benzo(g,h,i)perylene	30.12	276	1079807	51.871	nq	99

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

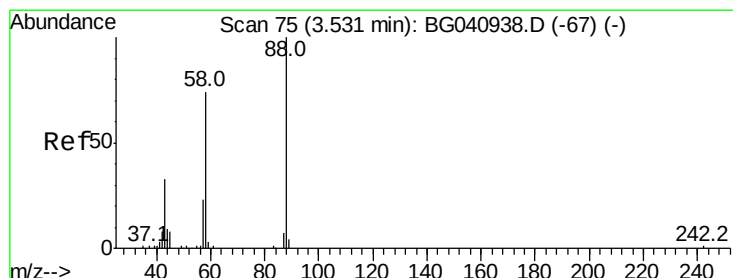
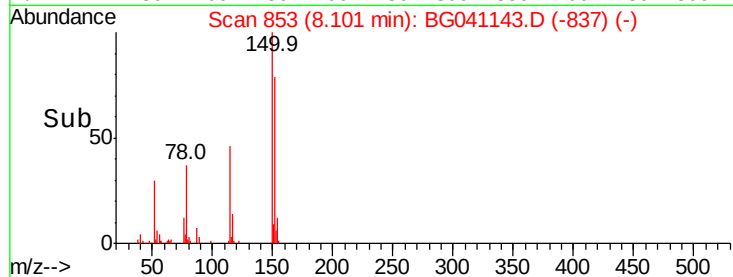
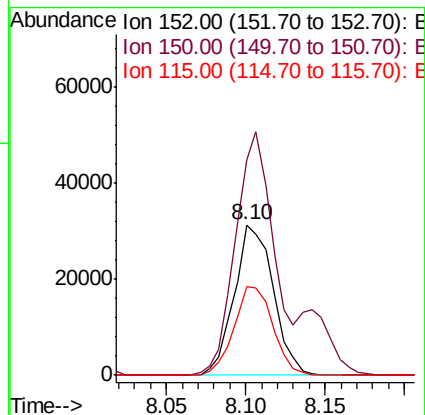
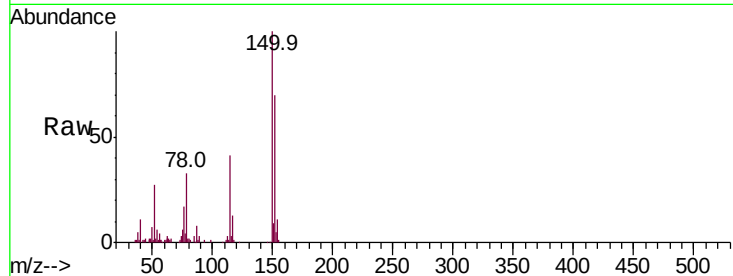


#1

1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.10 min Scan# 853
Delta R.T. -0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

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

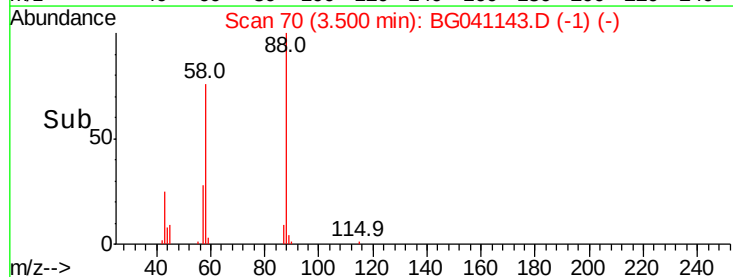
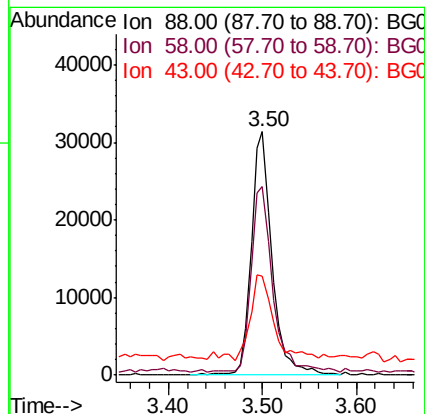
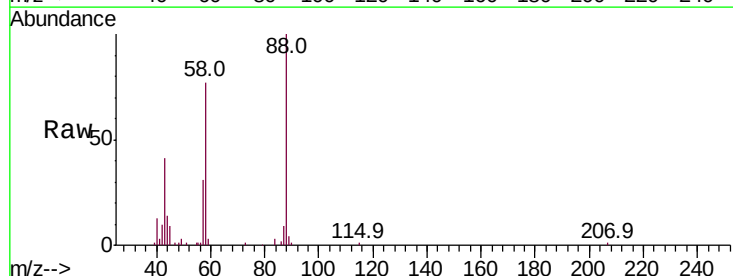
Tot Ion:152 Resp: 53456
Ion Ratio Lower Upper
152 100
150 143.0 120.6 180.8
115 58.9 45.1 67.7

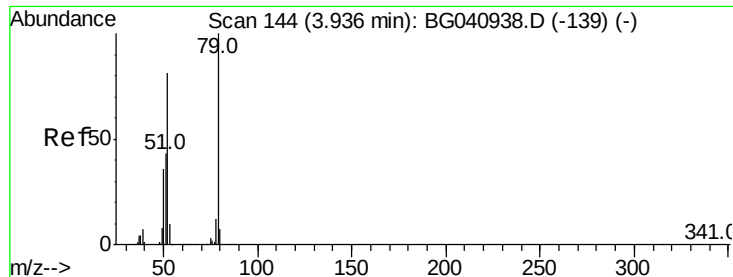


#2

1,4-Dioxane
Concen: 35.441 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

Tgt Ion: 88 Resp: 47676
Ion Ratio Lower Upper
88 100
58 78.5 59.0 88.6
43 39.4 27.2 40.8





#3

Pvridine

Concen: 35.119 ng

RT: 3.91 min Scan# 139

Delta R.T. -0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

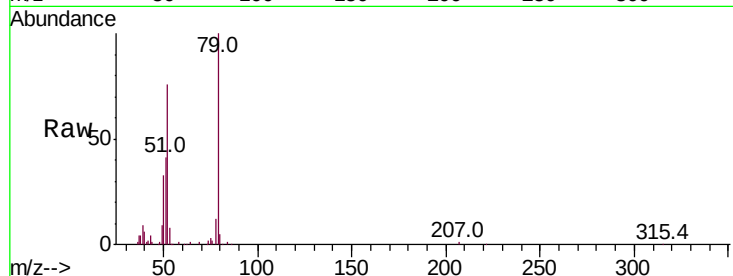
Tot Ion: 79 Resp: 139790

Ion Ratio Lower Upper

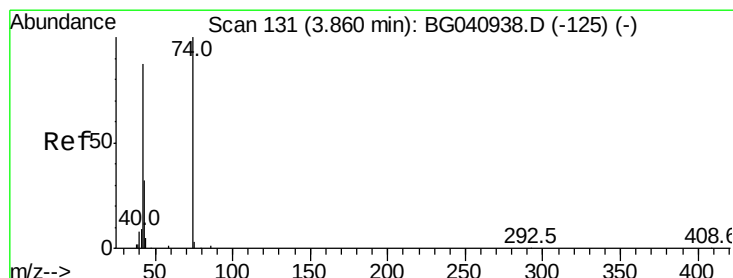
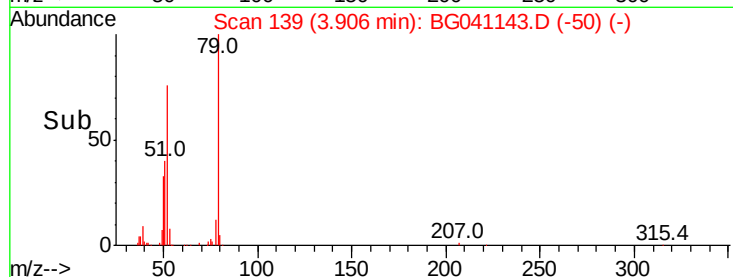
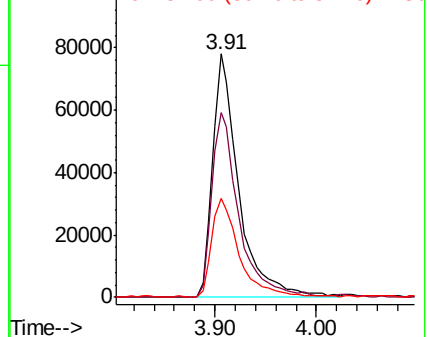
79 100

52 75.9 64.8 97.2

51 40.9 35.3 52.9



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



#4

n-Nitrosodimethylamine

Concen: 46.588 ng

RT: 3.83 min Scan# 126

Delta R.T. -0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

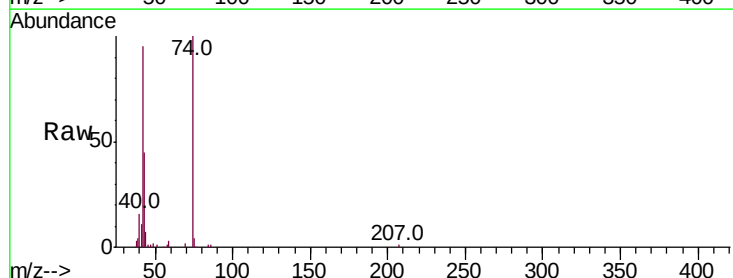
Tgt Ion: 42 Resp: 86066

Ion Ratio Lower Upper

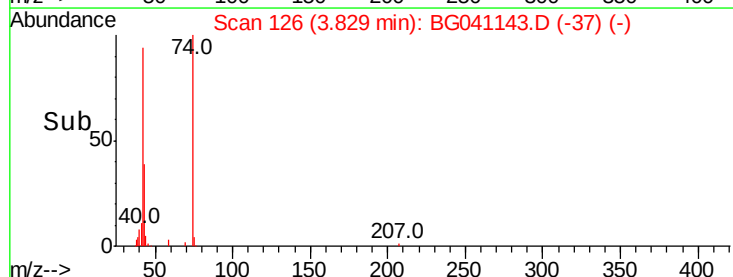
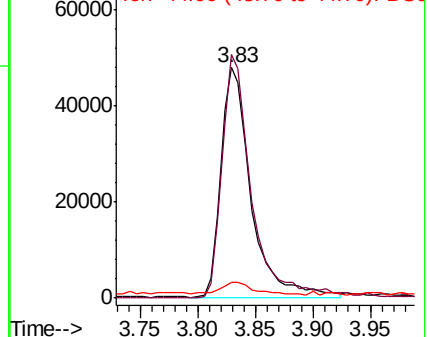
42 100

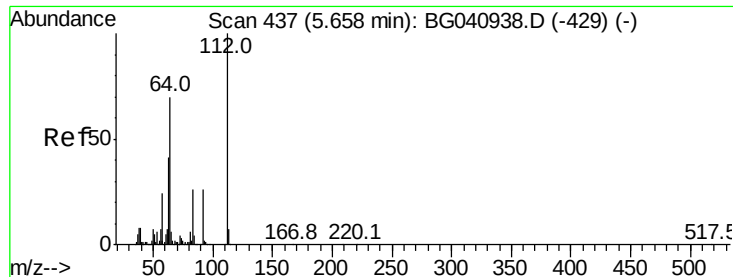
74 105.8 91.8 137.6

44 7.1 6.0 9.0



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





#5

2-Fluorophenol

Concen: 160.000 ng

RT: 5.64 min Scan# 435

Delta R.T. 0.01 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

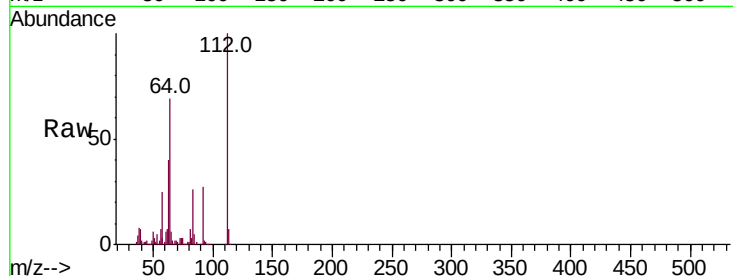
Tot Ion:112 Resp: 474317

Ion Ratio Lower Upper

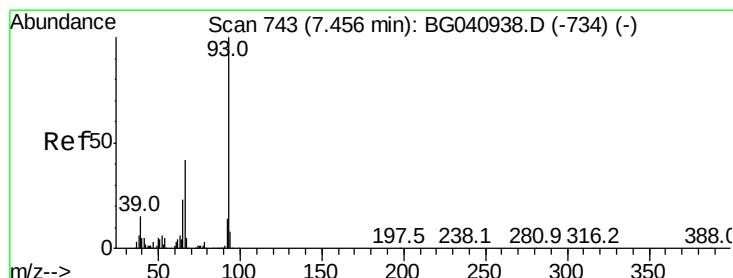
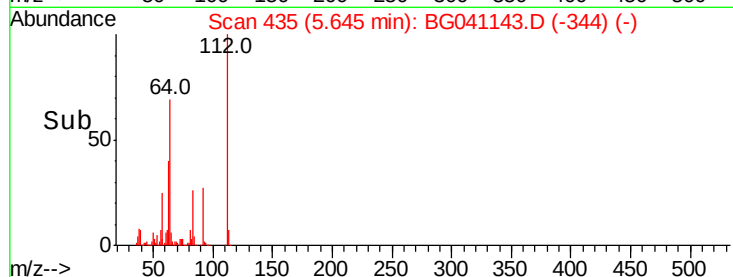
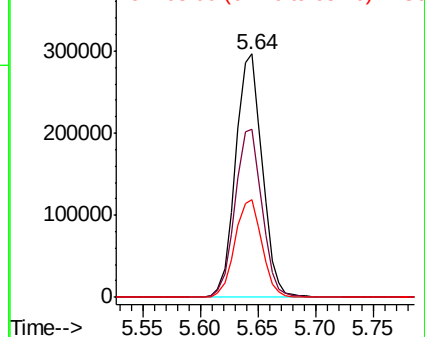
112 100

64 69.1 56.2 84.2

63 39.9 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: 23.108 ng

RT: 7.43 min Scan# 739

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

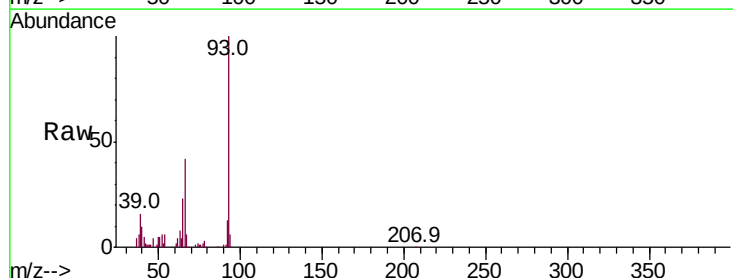
Tgt Ion: 93 Resp: 141216

Ion Ratio Lower Upper

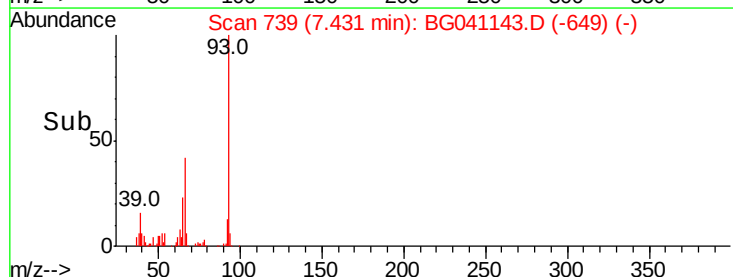
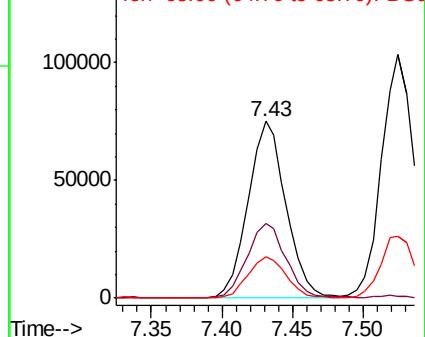
93 100

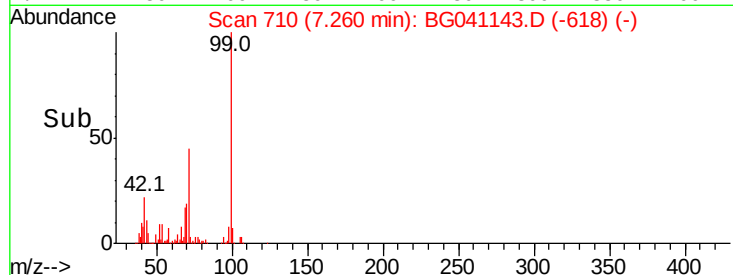
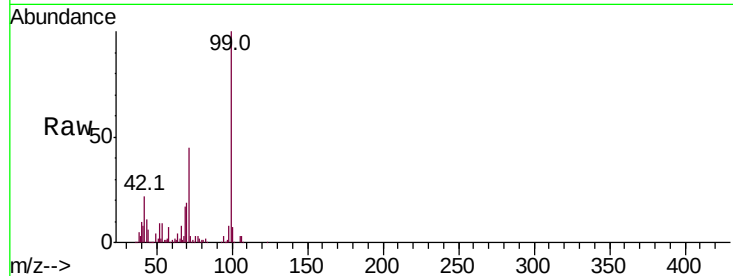
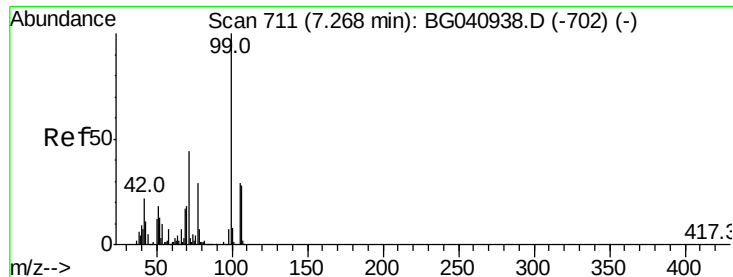
66 42.1 33.8 50.8

65 23.1 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: 153.144 ng

RT: 7.26 min Scan# 710

Delta R.T. 0.01 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

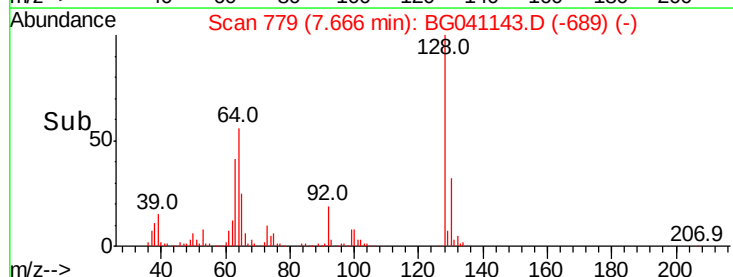
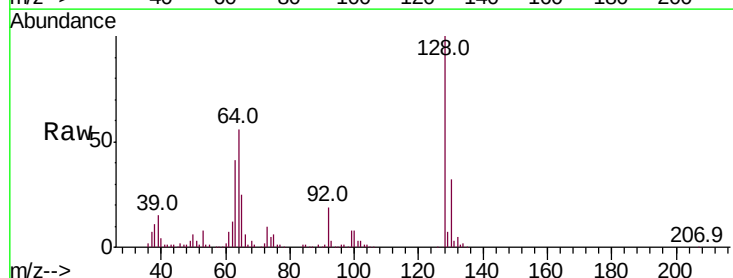
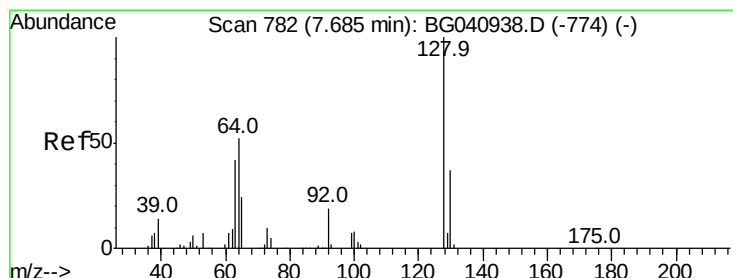
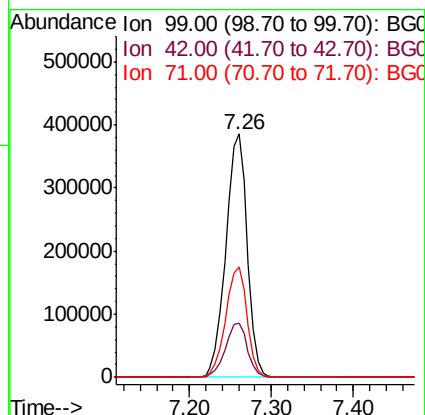
Tot Ion: 99 Resp: 701145

Ion Ratio Lower Upper

99 100

42 22.5 17.9 26.9

71 45.5 35.4 53.0



#8

2-Chlorophenol

Concen: 51.088 ng

RT: 7.67 min Scan# 779

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

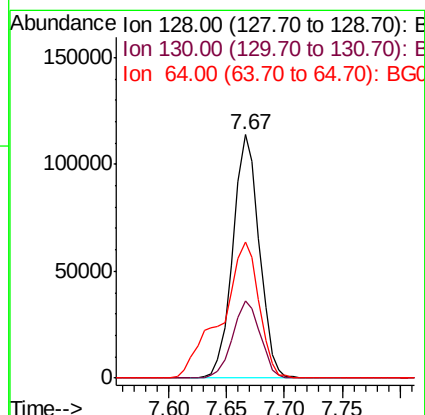
Tgt Ion: 128 Resp: 180556

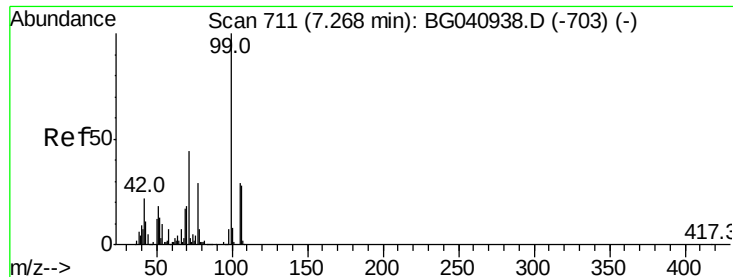
Ion Ratio Lower Upper

128 100

130 31.8 16.6 56.6

64 55.9 37.8 77.8





#9

Benzaldehyde

Concen: 21.731 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

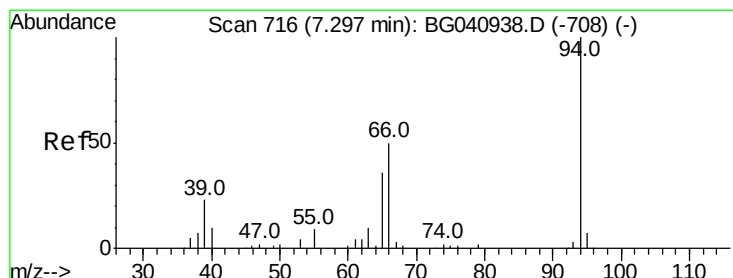
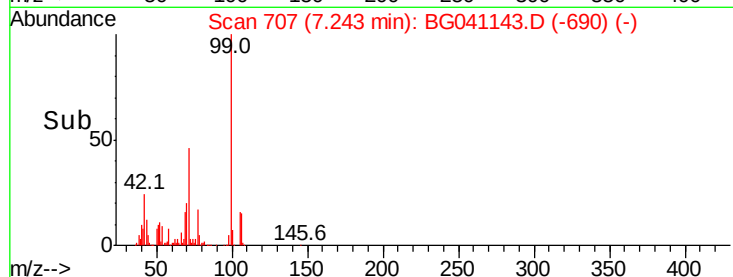
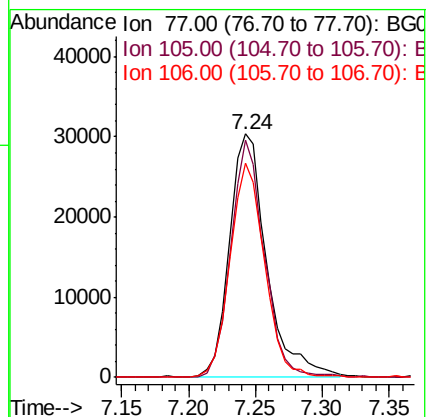
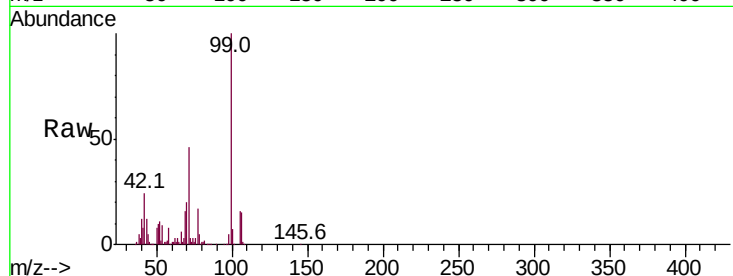
Tot Ion: 77 Resp: 59349

Ion Ratio Lower Upper

77 100

105 97.3 78.9 118.9

106 88.2 76.7 116.7



#10

Phenol

Concen: 52.488 ng

RT: 7.28 min Scan# 714

Delta R.T. 0.01 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

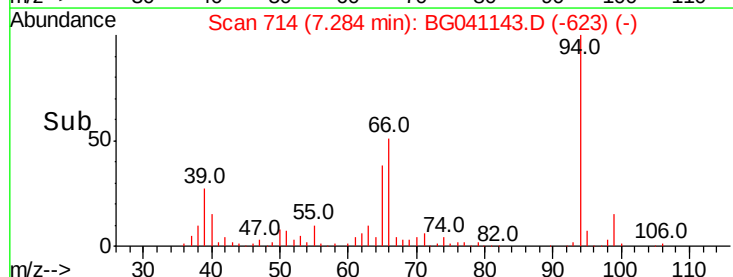
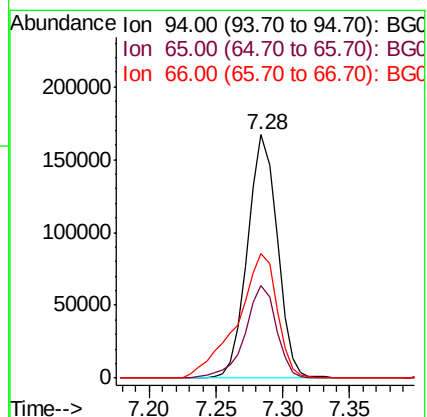
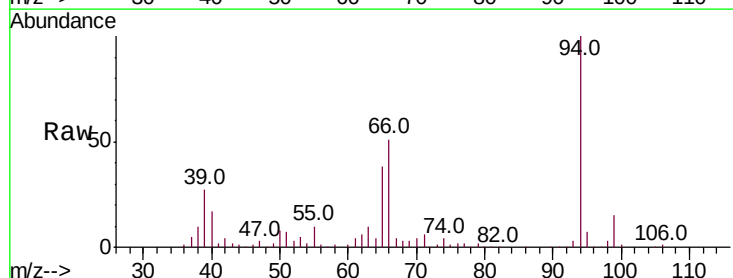
Tgt Ion: 94 Resp: 257661

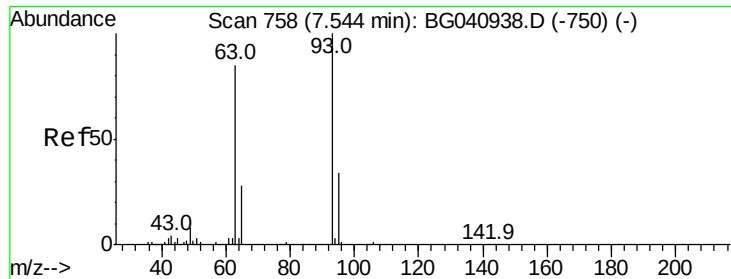
Ion Ratio Lower Upper

94 100

65 37.8 17.0 57.0

66 51.3 32.4 72.4



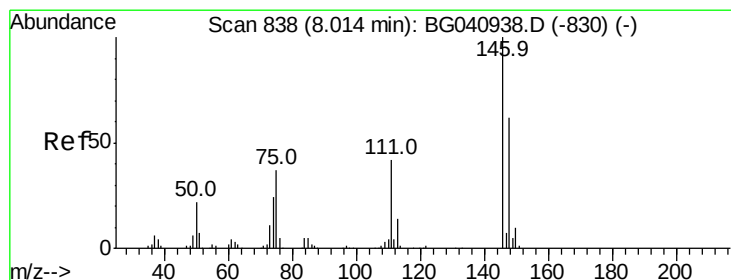
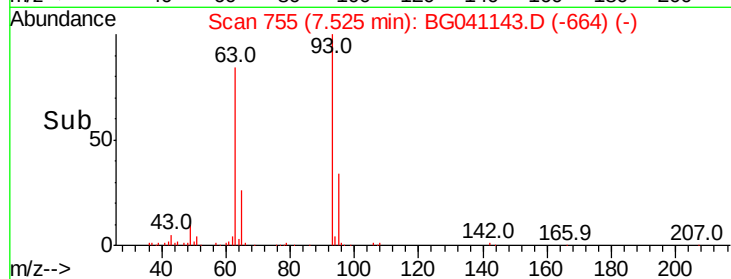
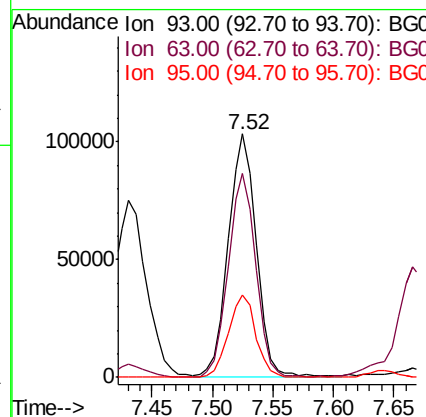
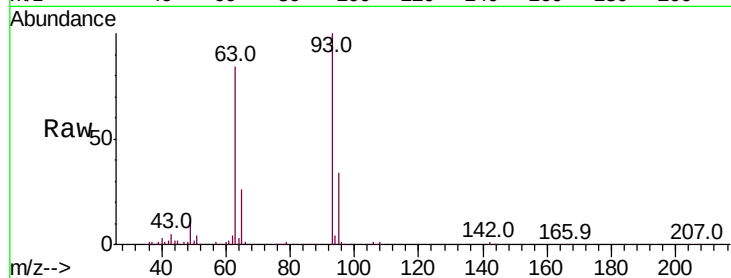


#11
bis(2-Chloroethyl)ether
Concen: 46.520 ng
RT: 7.52 min Scan# 755
Delta R.T. 0.01 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

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

Tot Ion: 93 Resp: 165664

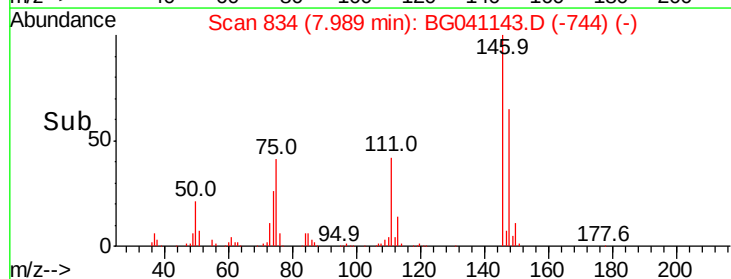
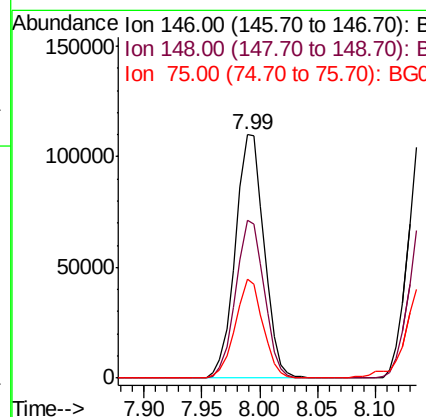
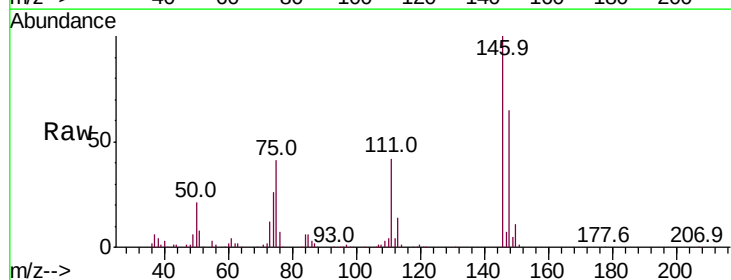
Ion	Ratio	Lower	Upper
93	100		
63	84.0	64.5	104.5
95	33.6	13.3	53.3

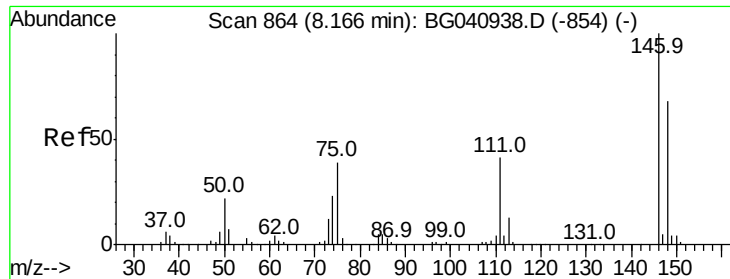


#12
1,3-Dichlorobenzene
Concen: 44.857 ng
RT: 7.99 min Scan# 834
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

Tgt Ion: 146 Resp: 189350

Ion	Ratio	Lower	Upper
146	100		
148	65.0	49.2	73.8
75	40.7	29.4	44.0

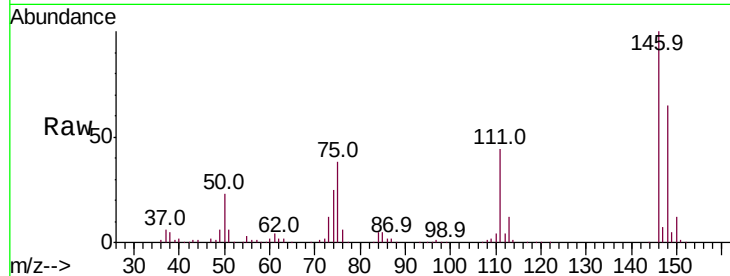




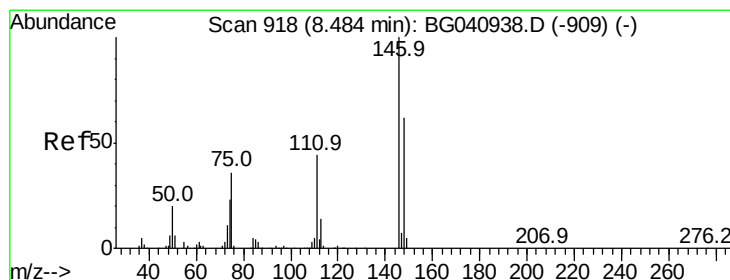
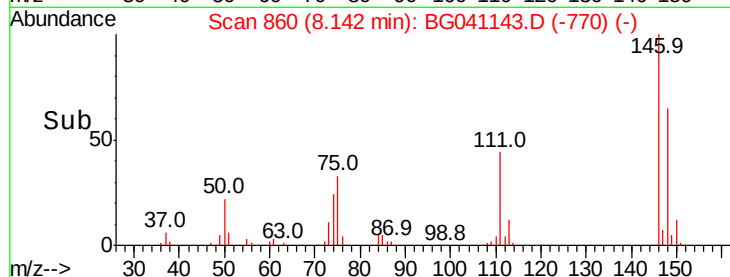
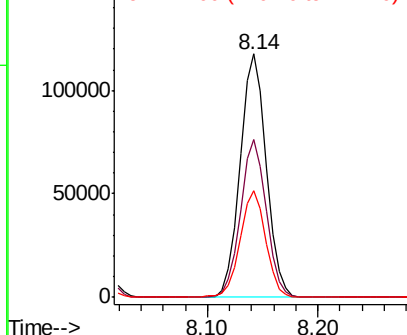
#13
 1,4-Dichlorobenzene
 Concen: 45.876 ng
 RT: 8.14 min Scan# 860
 Delta R.T. 0.00 min
 Lab File: BG041143.D
 Acq: 8 Jun 2019 21:13

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

Tot Ion:146 Resp: 196014
 Ion Ratio Lower Upper
 146 100
 148 64.9 54.2 81.4
 111 44.0 32.9 49.3

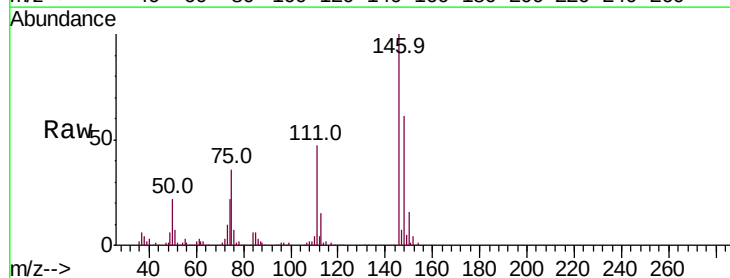


Abundance Ion 146.00 (145.70 to 146.70): E
 Ion 148.00 (147.70 to 148.70): E
 Ion 111.00 (110.70 to 111.70): E

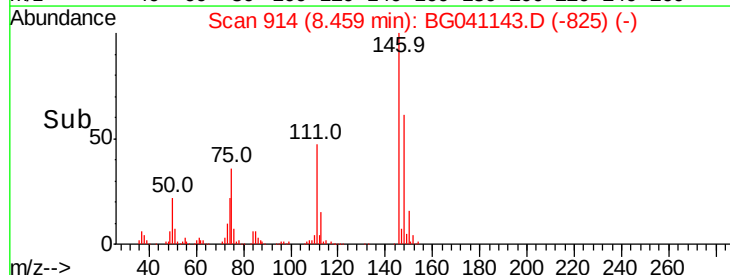
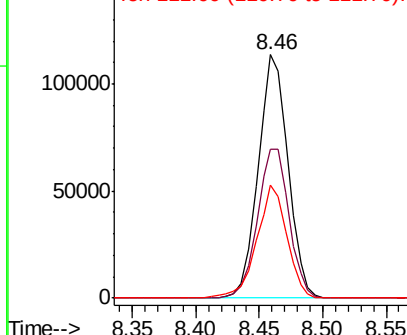


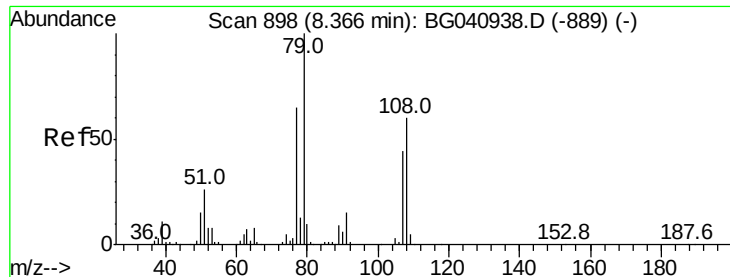
#14
 1,2-Dichlorobenzene
 Concen: 44.783 ng
 RT: 8.46 min Scan# 914
 Delta R.T. -0.00 min
 Lab File: BG041143.D
 Acq: 8 Jun 2019 21:13

Tgt Ion:146 Resp: 185789
 Ion Ratio Lower Upper
 146 100
 148 61.2 49.8 74.6
 111 46.5 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: 48.532 ng

RT: 8.35 min Scan# 895

Delta R.T. 0.01 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

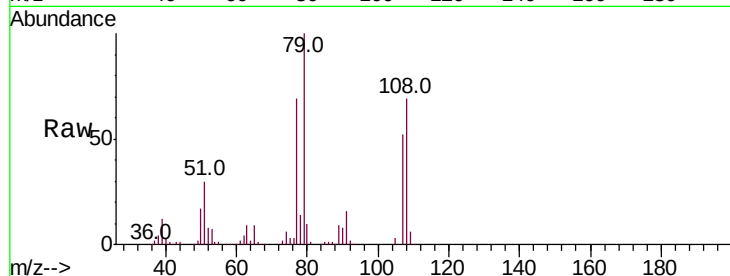
Tot Ion: 79 Resp: 205541

Ion Ratio Lower Upper

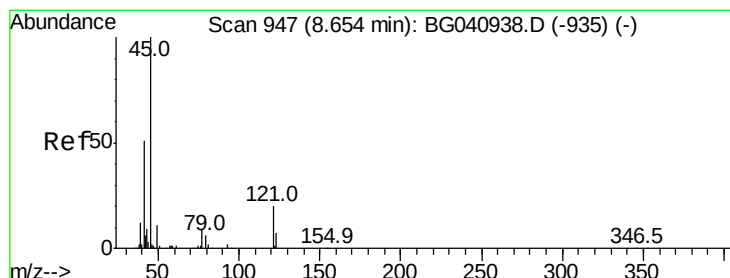
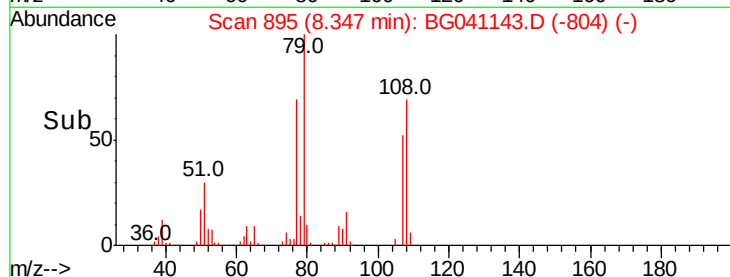
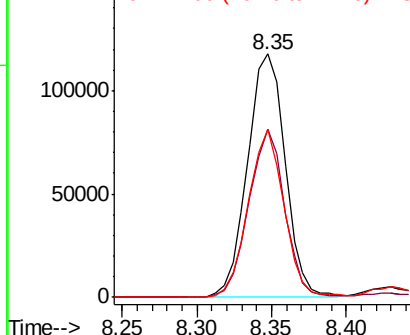
79 100

108 68.9 48.3 72.5

77 68.8 52.3 78.5



Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC



#16

2,2'-oxybis(1-chloropropane)

Concen: 44.214 ng

RT: 8.63 min Scan# 943

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

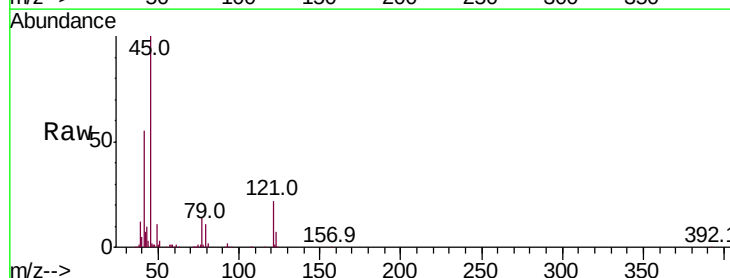
Tgt Ion: 45 Resp: 257287

Ion Ratio Lower Upper

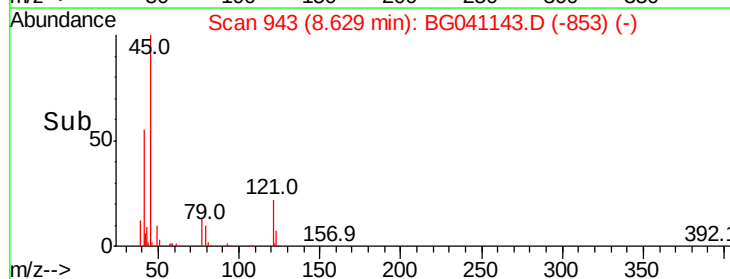
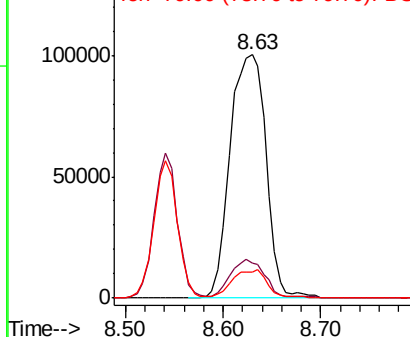
45 100

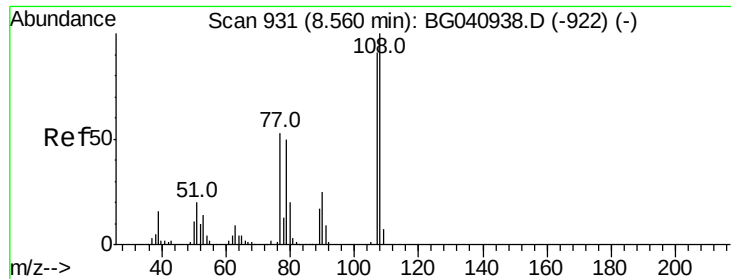
77 14.3 0.0 33.7

79 10.8 0.0 30.2



Abundance Ion 45.00 (44.70 to 45.70): BGC
Ion 77.00 (76.70 to 77.70): BGC
Ion 79.00 (78.70 to 79.70): BGC





#17

2-Methylphenol

Concen: 48.646 ng

RT: 8.54 min Scan# 928

Delta R.T. 0.01 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

Tot Ion:107 Resp: 172901

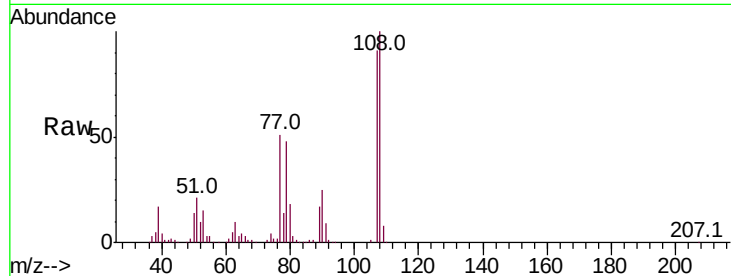
Ion Ratio Lower Upper

107 100

108 109.8 87.7 131.5

77 56.2 46.6 70.0

79 53.3 44.6 66.8

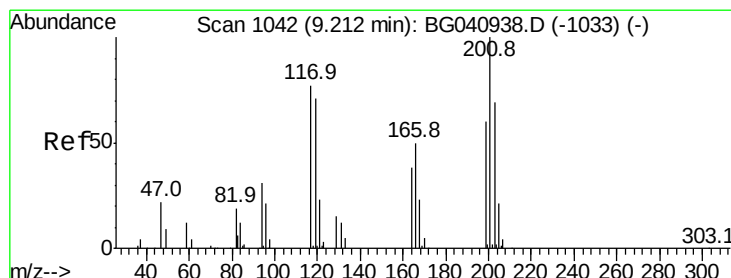
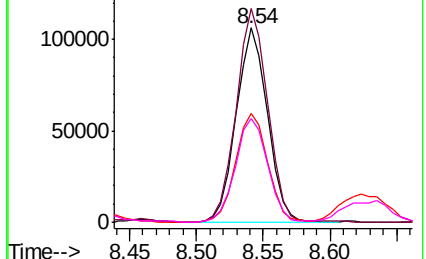
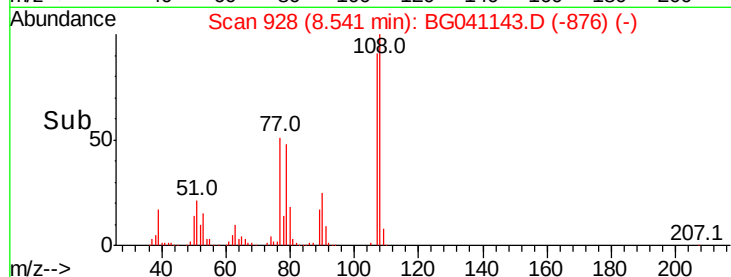


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC



#18

Hexachloroethane

Concen: 46.395 ng

RT: 9.19 min Scan# 1038

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

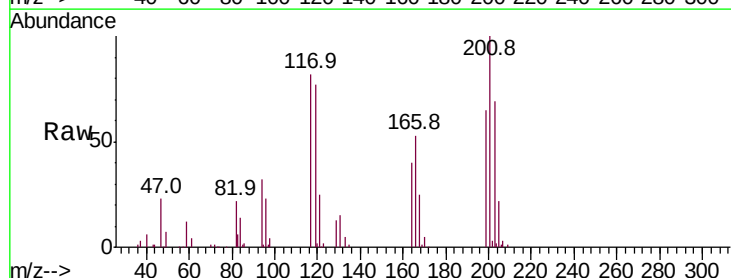
Tgt Ion:117 Resp: 76403

Ion Ratio Lower Upper

117 100

119 94.8 75.0 112.6

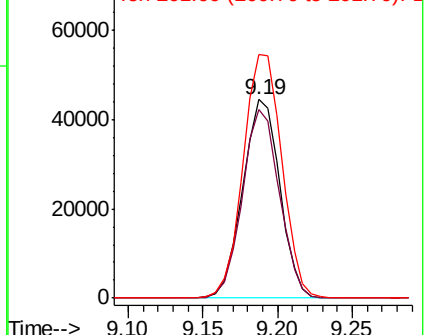
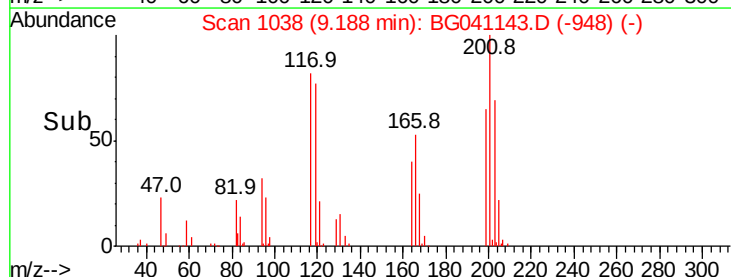
201 122.6 103.5 155.3

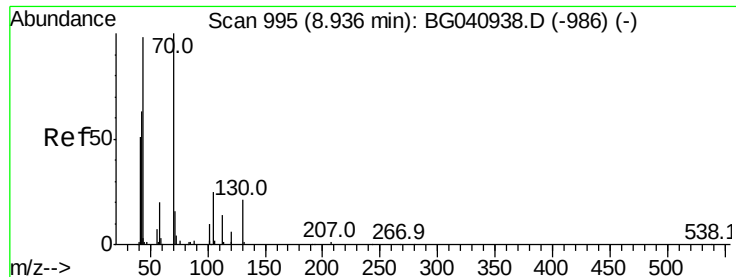


Abundance Ion 117.00 (116.70 to 117.70): E

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: 45.339 ng

RT: 8.91 min Scan# 991

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

Tot Ion: 70 Resp: 159741

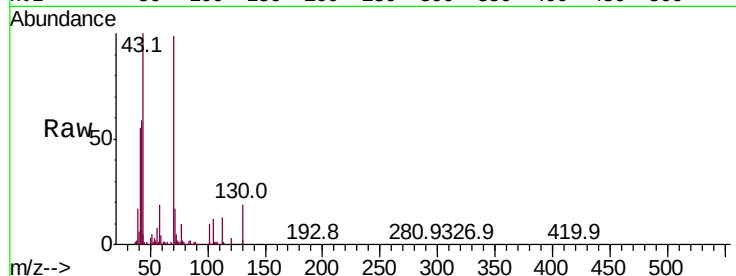
Ion Ratio Lower Upper

70 100

42 60.1 51.5 77.3

101 10.1 8.1 12.1

130 19.0 16.6 24.8

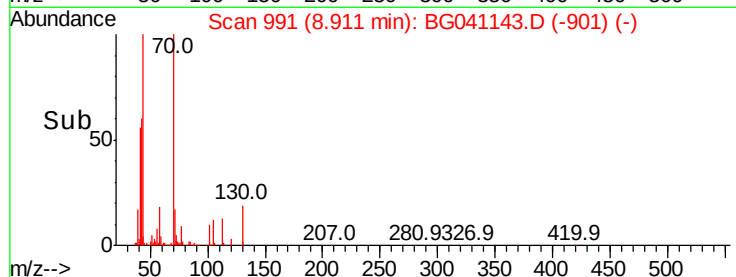
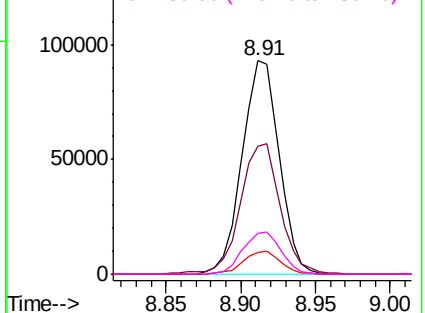


Abundance Ion 70.00 (69.70 to 70.70): BGC

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: 47.996 ng

RT: 8.87 min Scan# 984

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Tgt Ion: 107 Resp: 236303

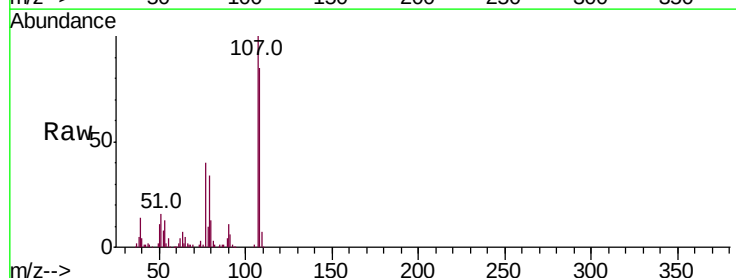
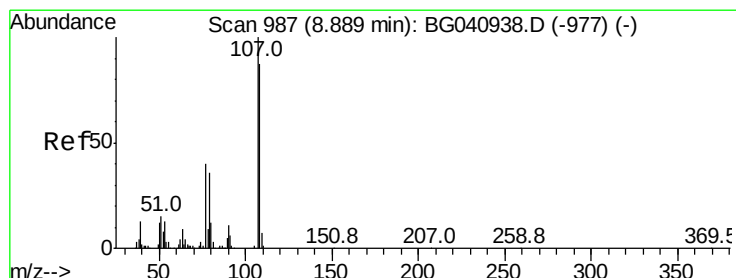
Ion Ratio Lower Upper

107 100

108 85.3 66.8 106.8

77 40.0 20.5 60.5

79 34.3 15.8 55.8

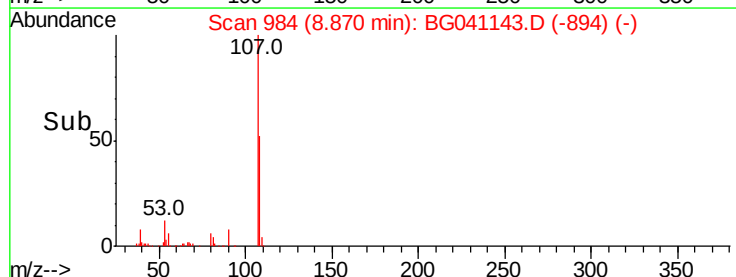
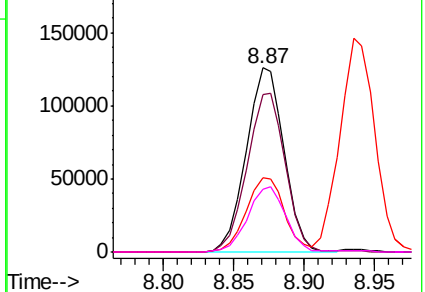


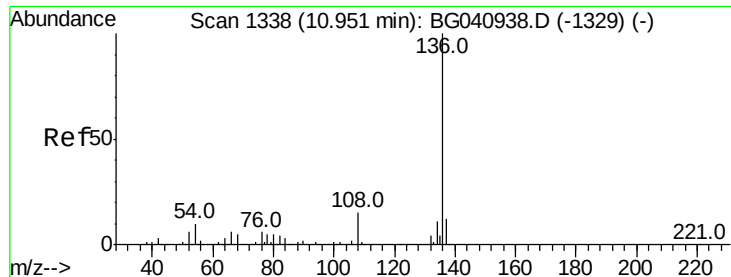
Abundance Ion 107.00 (106.70 to 107.70): BGC

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

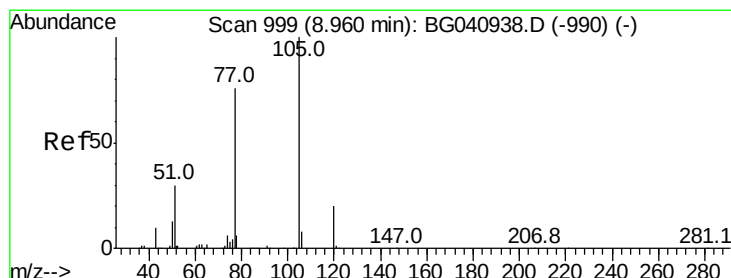
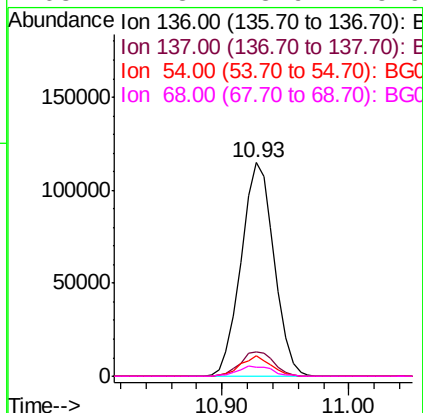
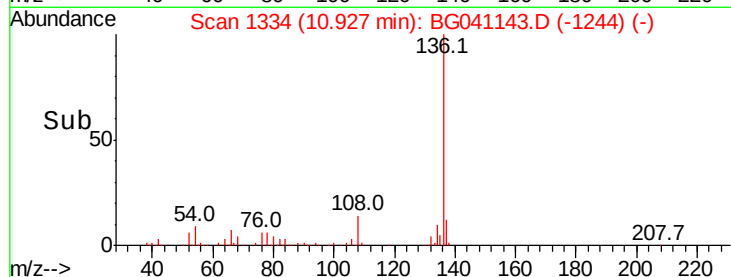
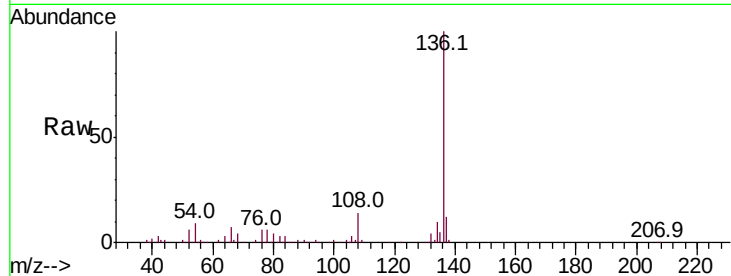




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.93 min Scan# 1334
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

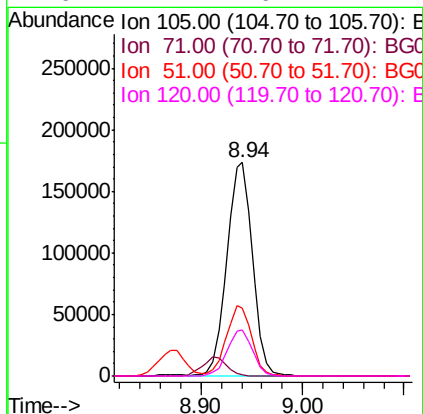
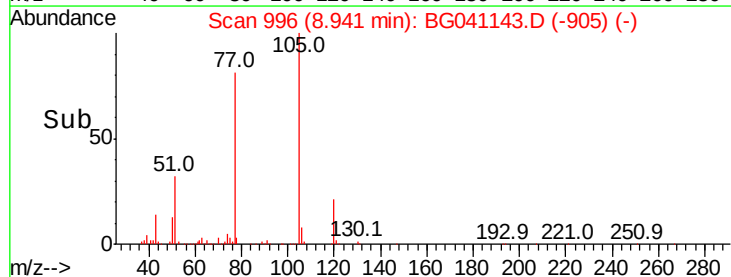
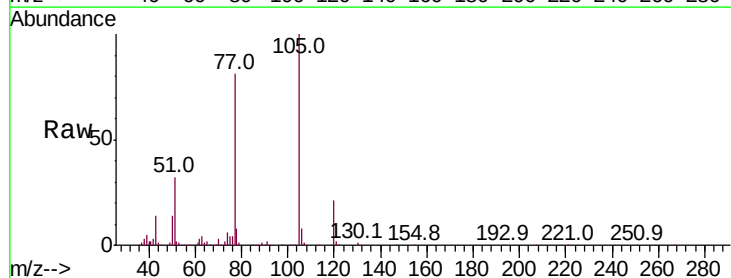
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MSD

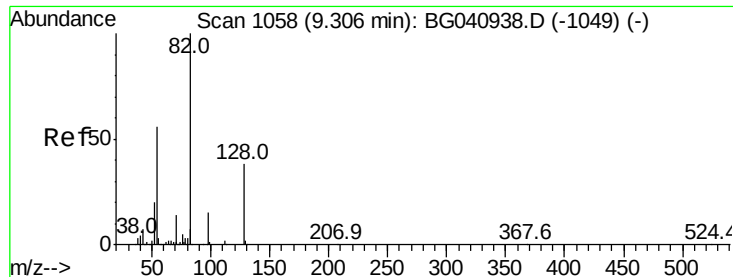
Tot Ion:136	Resp: 207242
Ion Ratio	Lower Upper
136 100	
137 11.6	9.5 14.3
54 9.4	7.6 11.4
68 4.3	3.9 5.9



#22
Acetophenone
Concen: 52.250 ng
RT: 8.94 min Scan# 996
Delta R.T. 0.01 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

Tgt Ion:105	Resp: 303754
Ion Ratio	Lower Upper
105 100	
71 0.4	0.4 0.6#
51 31.9	27.0 40.6
120 21.4	16.2 24.4





#23

Nitrobenzene-d5

Concen: 99.409 ng

RT: 9.29 min Scan# 1055

Delta R.T. 0.01 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

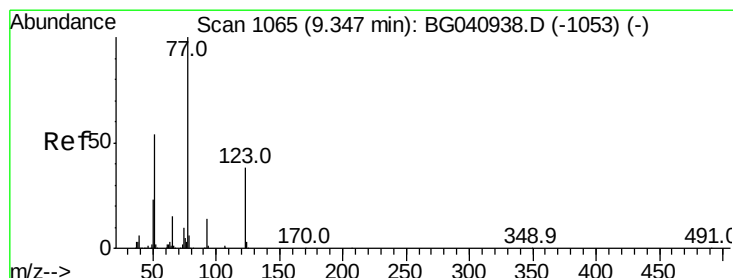
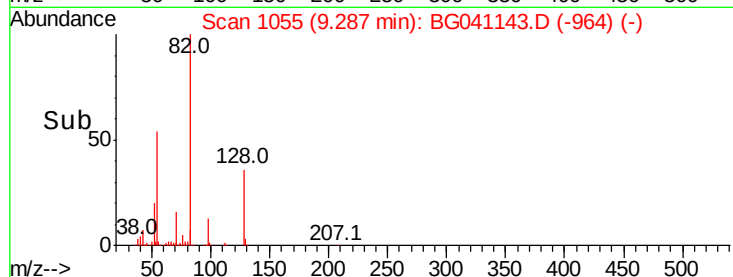
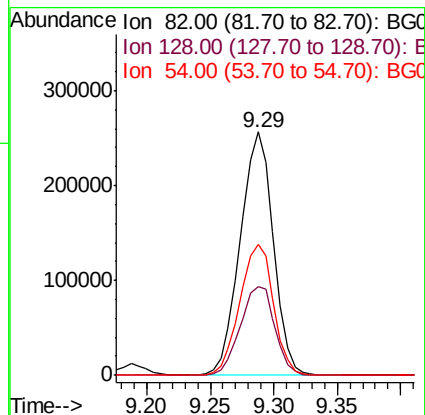
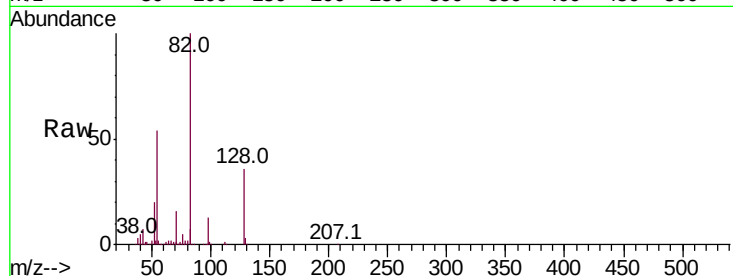
Tot Ion: 82 Resp: 464067

Ion Ratio Lower Upper

82 100

128 36.4 30.5 45.7

54 53.6 44.6 66.8



#24

Nitrobenzene

Concen: 51.989 ng

RT: 9.33 min Scan# 1062

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

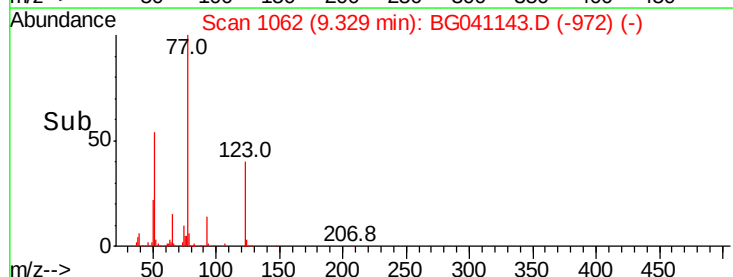
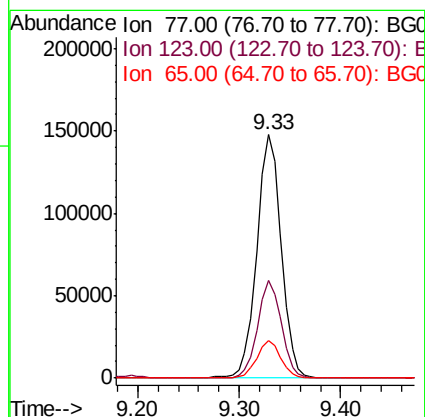
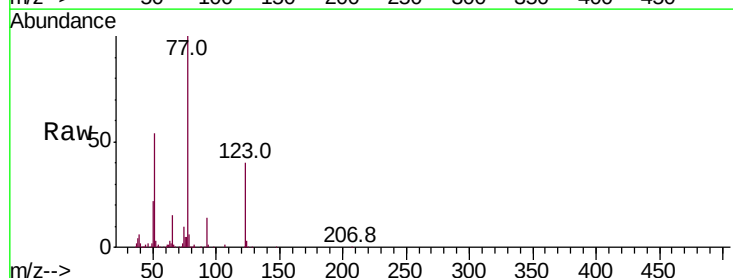
Tgt Ion: 77 Resp: 247329

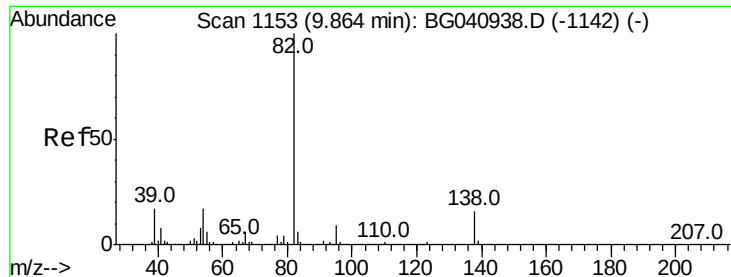
Ion Ratio Lower Upper

77 100

123 40.0 30.6 46.0

65 15.4 12.3 18.5





#25

Isophorone

Concen: 50.697 ng

RT: 9.85 min Scan# 1150

Delta R.T. 0.01 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

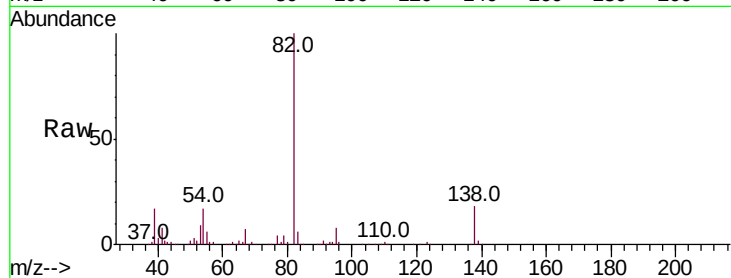
Tot Ion: 82 Resp: 450400

Ion Ratio Lower Upper

82 100

95 8.3 7.0 10.4

138 17.6 12.6 19.0



Abundance Ion 82.00 (81.70 to 82.70): BG040938.D (-1142) (-)

Ion 95.00 (94.70 to 95.70): BG040938.D (-1142) (-)

Ion 138.00 (137.70 to 138.70): BG040938.D (-1142) (-)

9.85

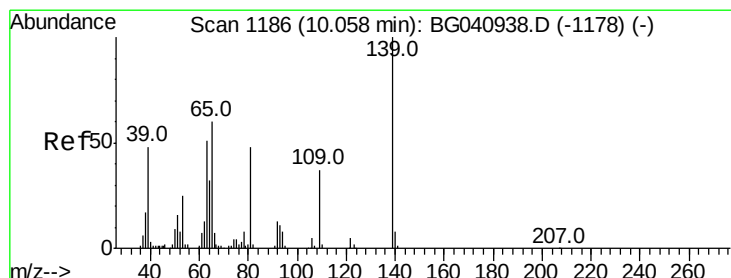
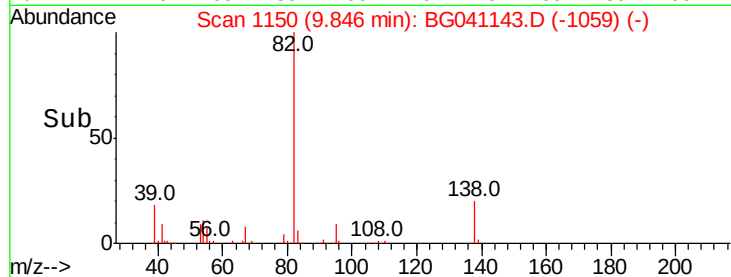
300000

200000

100000

0

Time-->



#26

2-Nitrophenol

Concen: 57.429 ng

RT: 10.04 min Scan# 1183

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

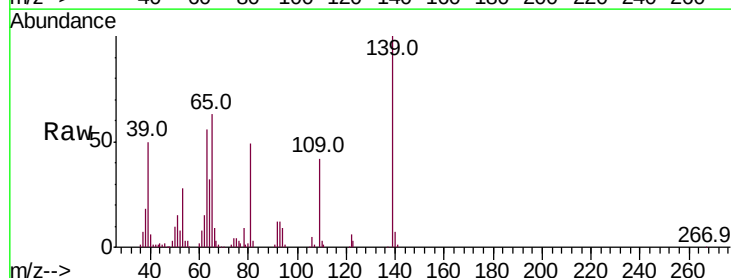
Tgt Ion: 139 Resp: 112632

Ion Ratio Lower Upper

139 100

109 42.1 29.8 44.6

65 62.7 47.8 71.6



Abundance Ion 139.00 (138.70 to 139.70): BG040938.D (-1178) (-)

Ion 109.00 (108.70 to 109.70): BG040938.D (-1178) (-)

Ion 65.00 (64.70 to 65.70): BG040938.D (-1178) (-)

10.04

80000

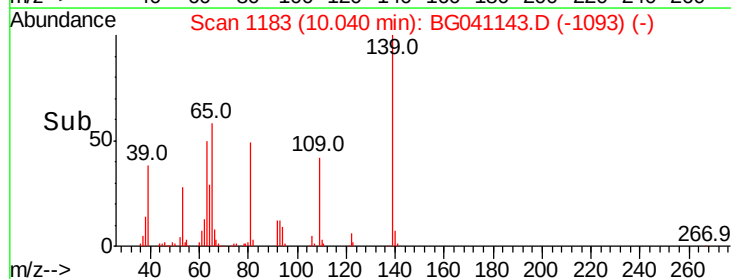
60000

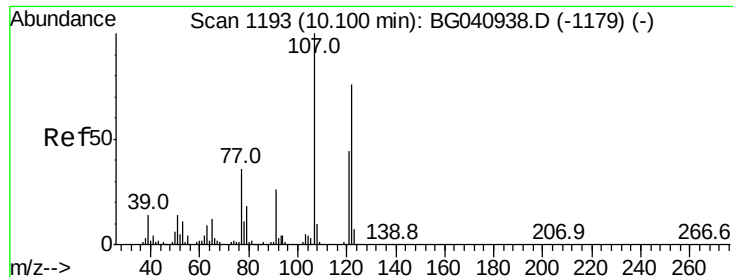
40000

20000

0

Time-->





#27

2,4-Dimethylphenol

Concen: 57.935 ng

RT: 10.08 min Scan# 1190

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

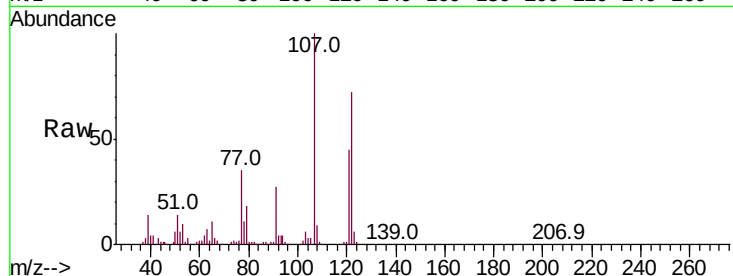
Tot Ion:122 Resp: 187657

Ion Ratio Lower Upper

122 100

107 139.4 105.9 158.9

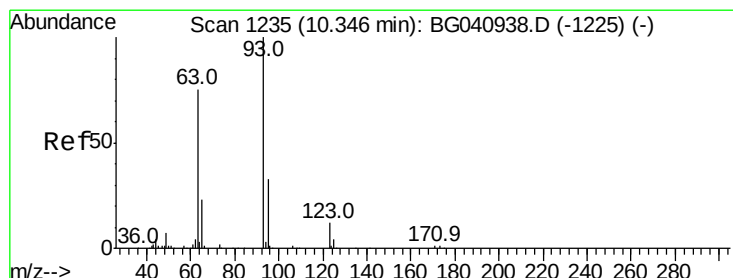
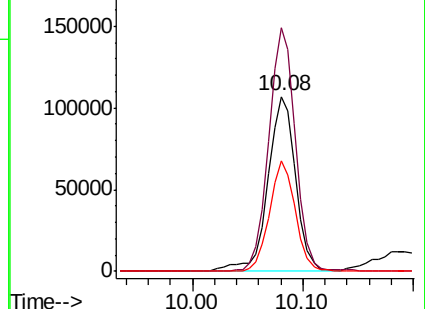
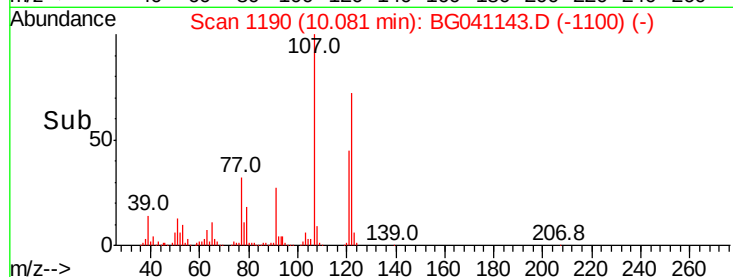
121 63.0 46.2 69.4



Abundance Ion 122.00 (121.70 to 122.70): E

Ion 107.00 (106.70 to 107.70): E

Ion 121.00 (120.70 to 121.70): E



#28

bis(2-Chloroethoxy)methane

Concen: 49.311 ng

RT: 10.32 min Scan# 1231

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

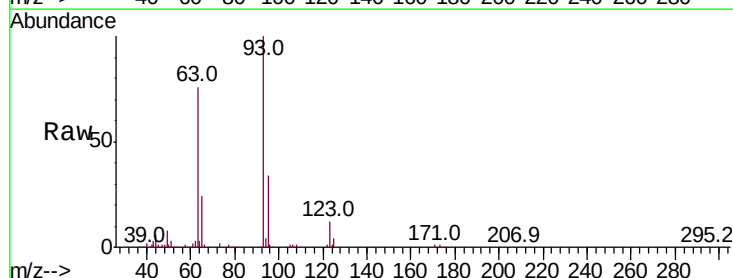
Tgt Ion: 93 Resp: 236447

Ion Ratio Lower Upper

93 100

95 33.6 26.2 39.2

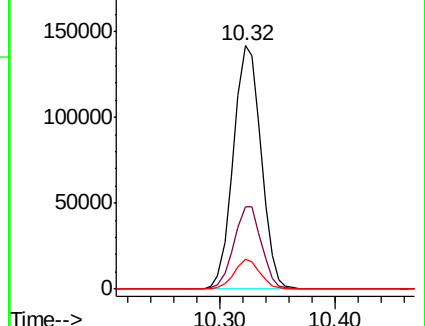
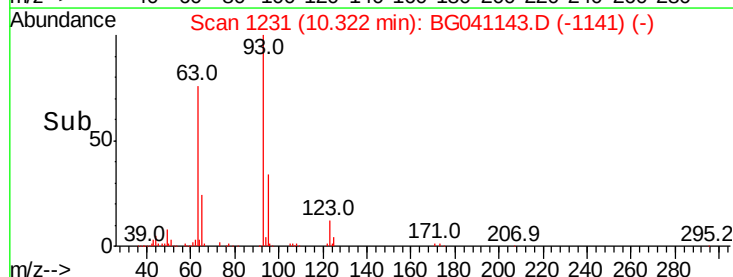
123 12.2 9.5 14.3

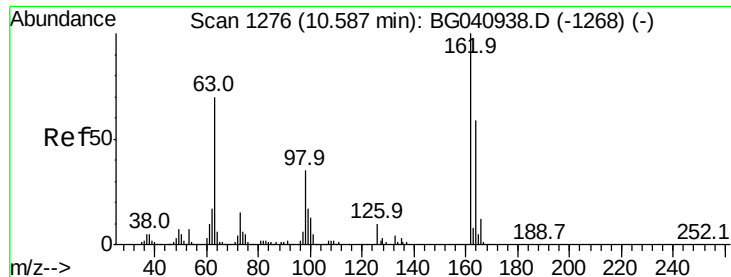


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 95.00 (94.70 to 95.70): BGC

Ion 123.00 (122.70 to 123.70): E

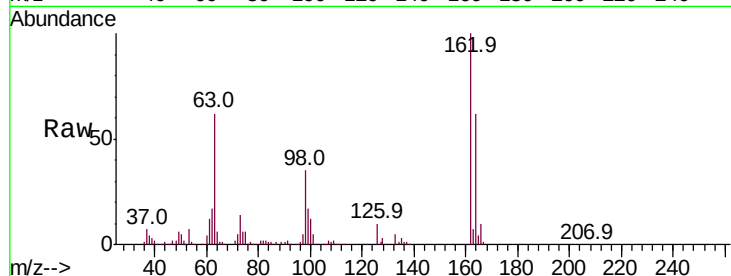




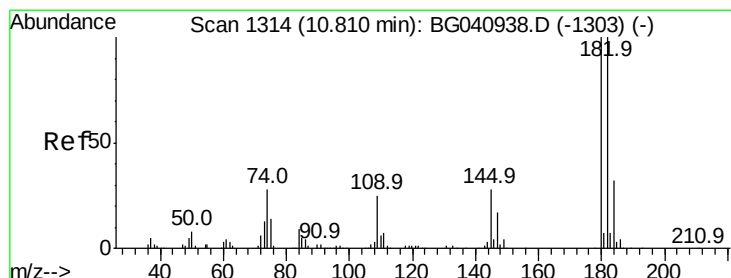
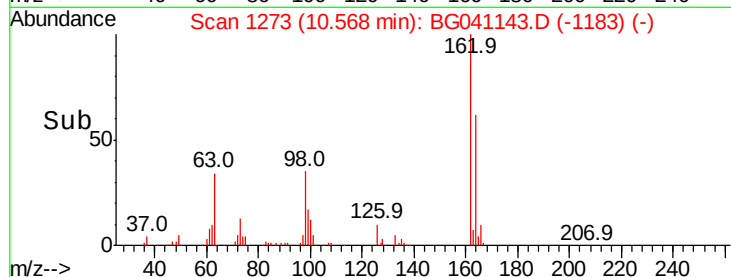
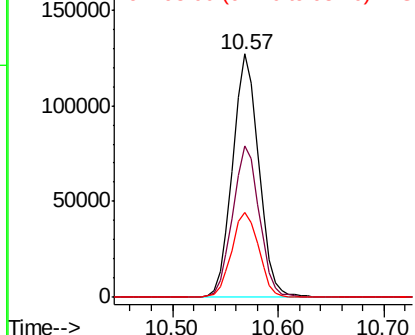
#29
2,4-Dichlorophenol
Concen: 52.794 ng
RT: 10.57 min Scan# 1273
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

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

Tot Ion	Ratio	Lower	Upper
162	100		
164	62.0	39.4	79.4
98	35.1	15.3	55.3

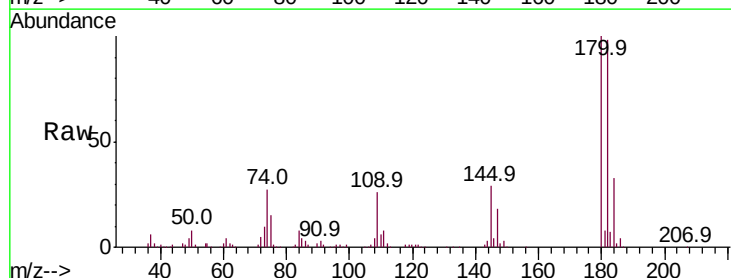


Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC

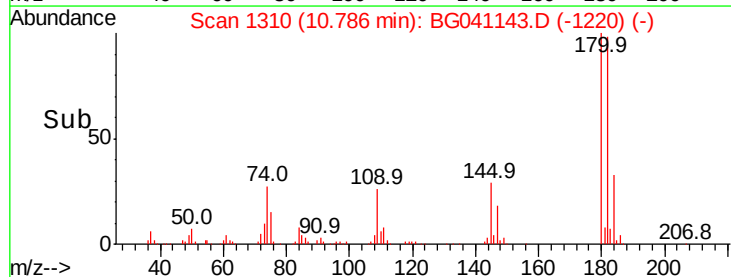
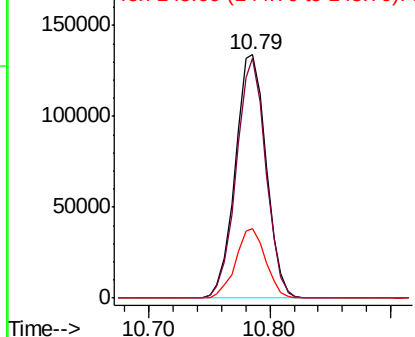


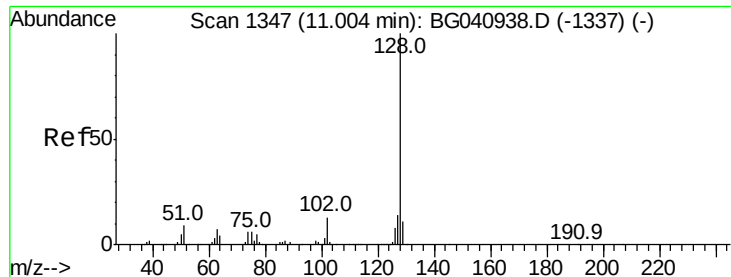
#30
1,2,4-Trichlorobenzene
Concen: 51.088 ng
RT: 10.79 min Scan# 1310
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.4	79.7	119.5
145	28.5	22.6	34.0



Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E

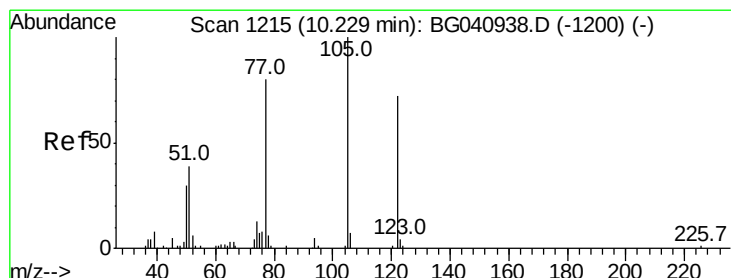
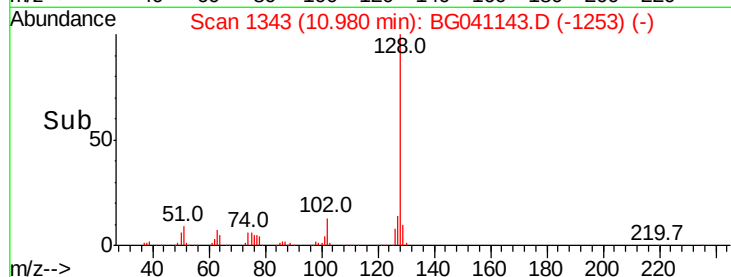
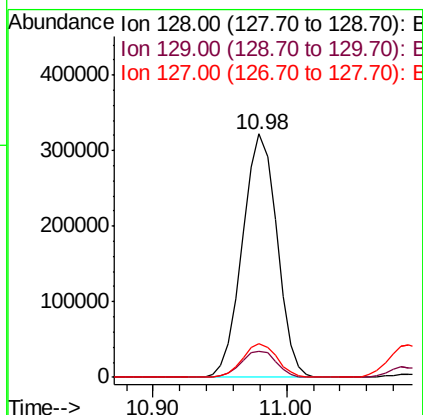
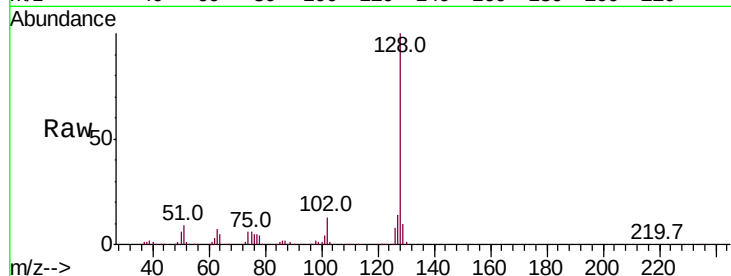




#31
Naphthalene
Concen: 51.733 ng
RT: 10.98 min Scan# 1343
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

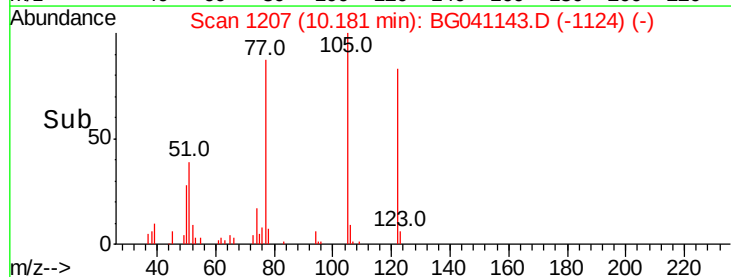
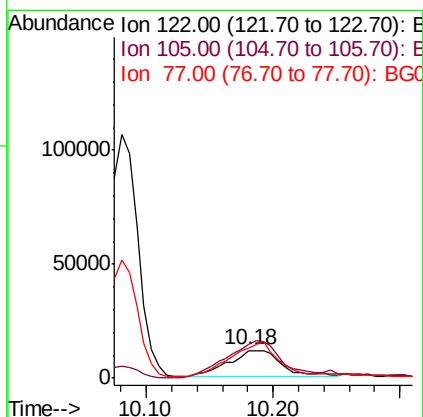
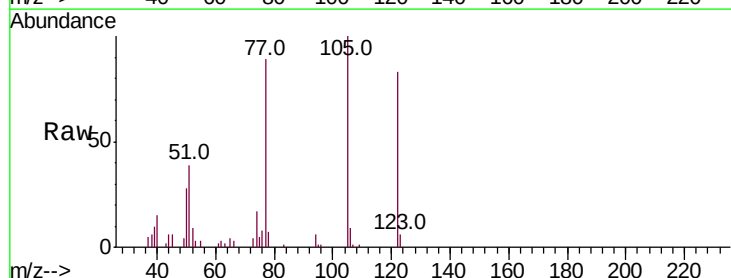
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MSD

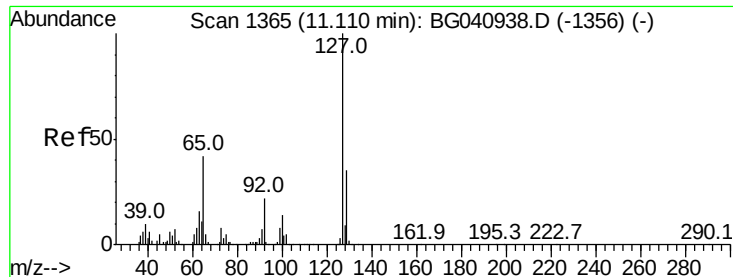
Tot Ion:128 Resp: 575632
Ion Ratio Lower Upper
128 100
129 10.4 8.5 12.7
127 13.9 11.4 17.2



#32
Benzoic acid
Concen: 19.460 ng
RT: 10.18 min Scan# 1207
Delta R.T. -0.04 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

Tgt Ion:122 Resp: 34356
Ion Ratio Lower Upper
122 100
105 119.9 114.8 154.8
77 106.1 89.9 129.9

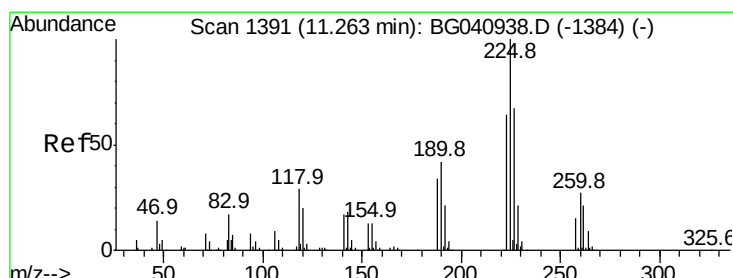
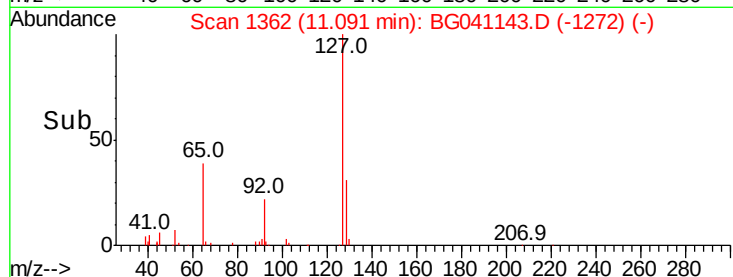
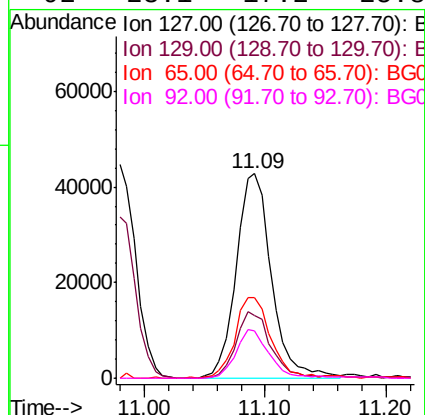
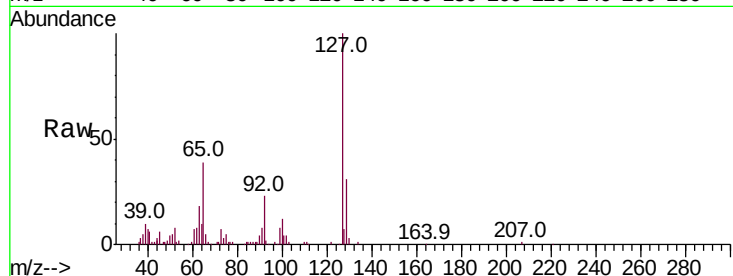




#33
4-Chloroaniline
Concen: 16.893 ng
RT: 11.09 min Scan# 1362
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

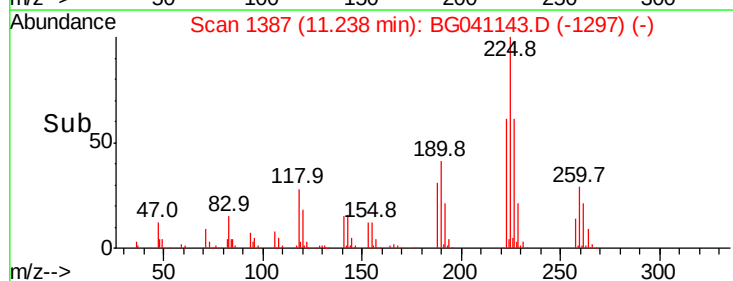
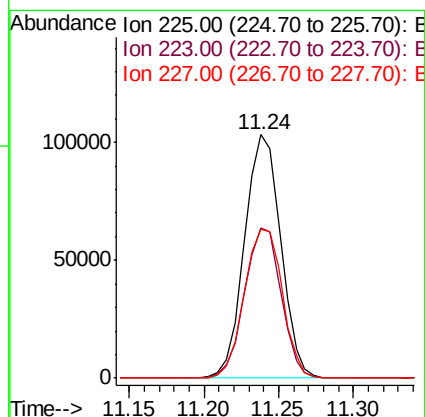
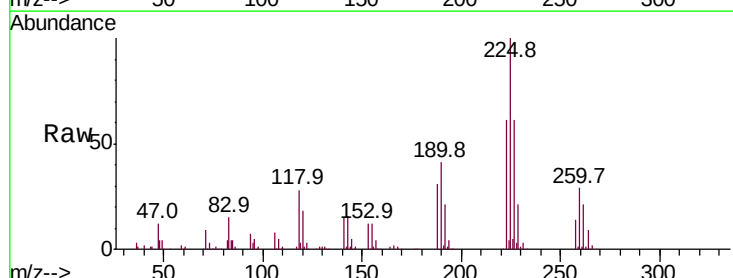
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MSD

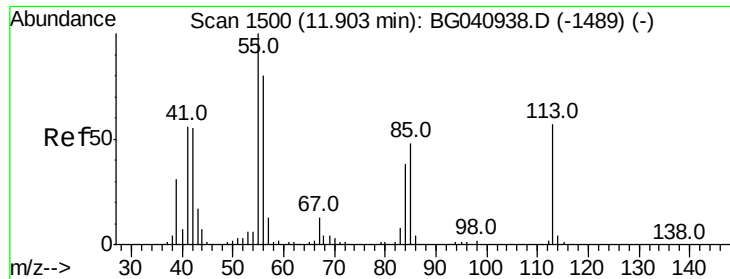
Tot Ion:	127	Resp:	87213
Ion	Ratio	Lower	Upper
127	100		
129	30.8	27.7	41.5
65	39.2	33.2	49.8
92	23.1	17.2	25.8



#34
Hexachlorobutadiene
Concen: 48.384 ng
RT: 11.24 min Scan# 1387
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

Tgt Ion:	225	Resp:	173228
Ion	Ratio	Lower	Upper
225	100		
223	61.4	48.8	73.2
227	61.4	51.4	77.0





#35

Caprolactam

Concen: 47.349 ng/mL

RT: 11.88 min Scan# 1497

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

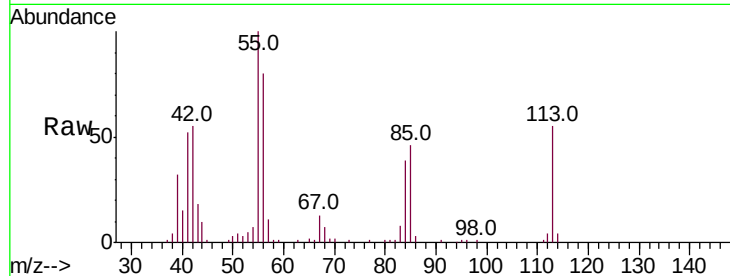
Tot Ion:113 Resp: 64314

Ion Ratio Lower Upper

113 100

55 182.5 155.9 195.9

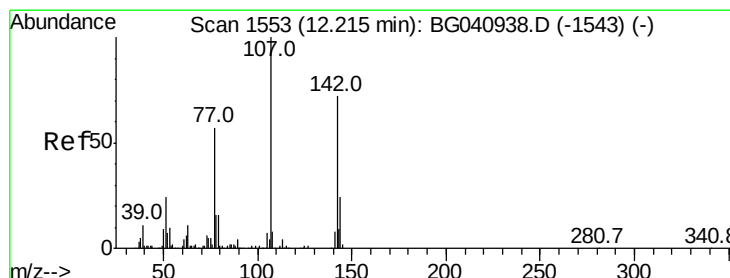
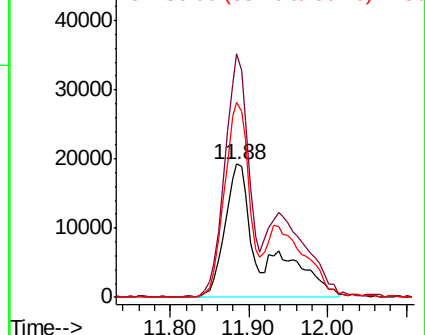
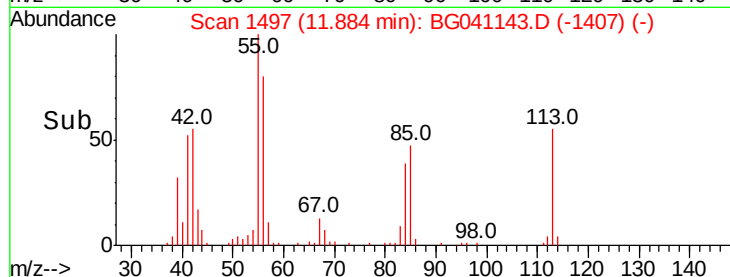
56 145.7 119.9 159.9



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: 50.623 ng/mL

RT: 12.20 min Scan# 1550

Delta R.T. 0.01 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

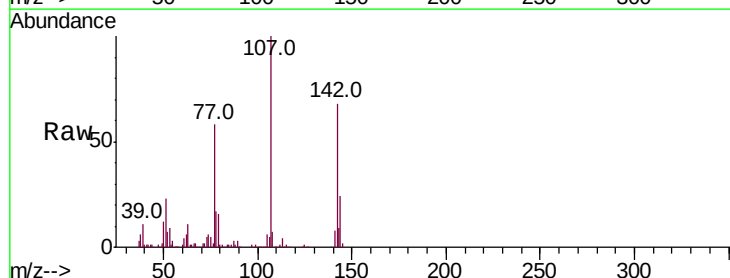
Tgt Ion:107 Resp: 237805

Ion Ratio Lower Upper

107 100

144 24.1 19.4 29.0

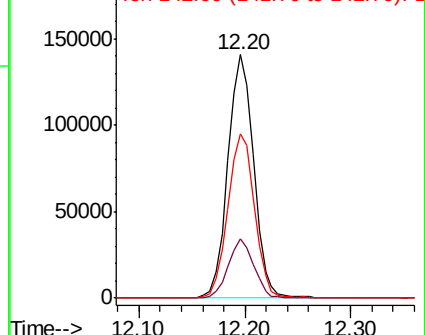
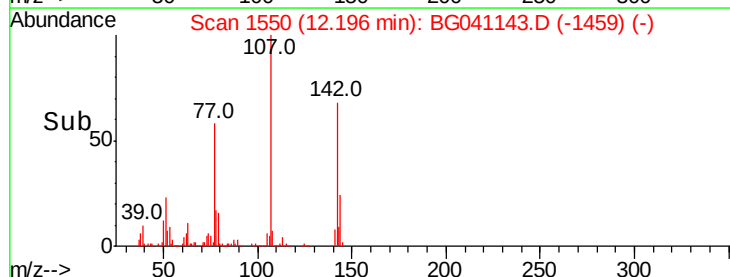
142 67.7 57.3 85.9

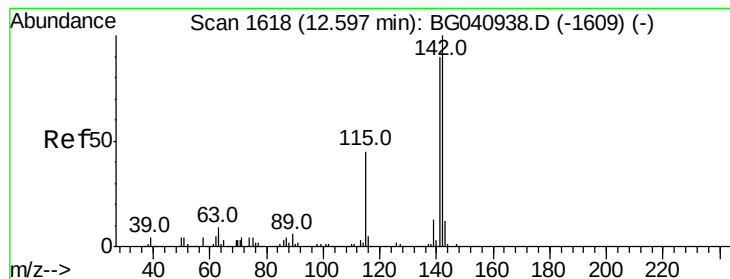


Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





#37

2-Methylnaphthalene

Concen: 49.653 ng

RT: 12.58 min Scan# 1615

Delta R.T. 0.01 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

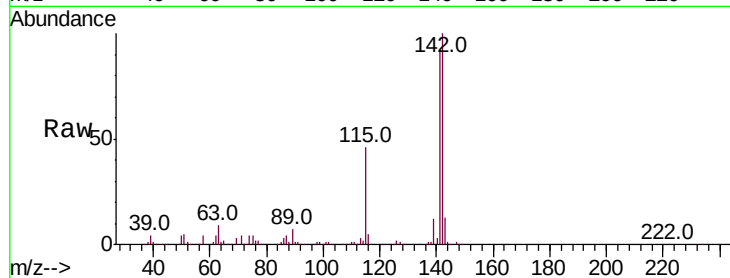
Tot Ion:142 Resp: 425517

Ion Ratio Lower Upper

142 100

141 92.4 72.2 108.4

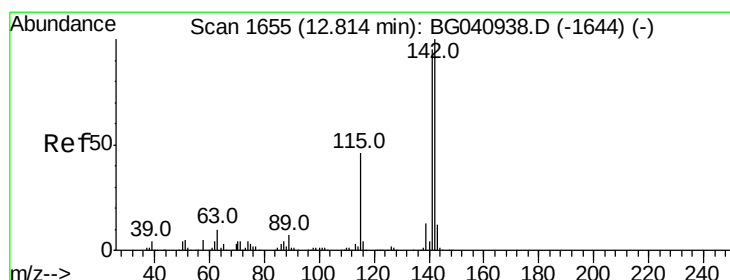
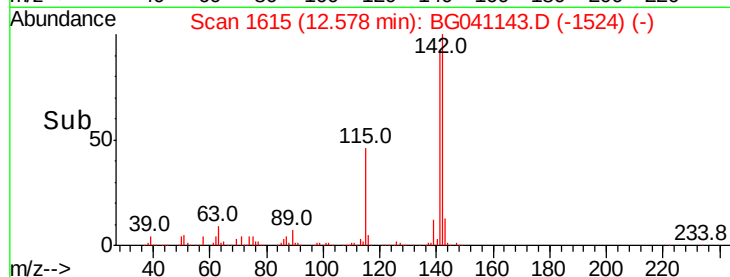
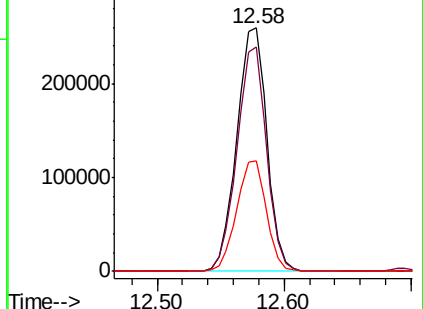
115 45.6 36.2 54.4



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: 50.409 ng

RT: 12.80 min Scan# 1652

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

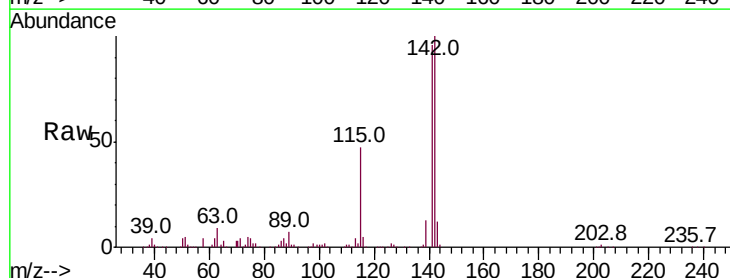
Tgt Ion:142 Resp: 407085

Ion Ratio Lower Upper

142 100

141 95.7 75.7 113.5

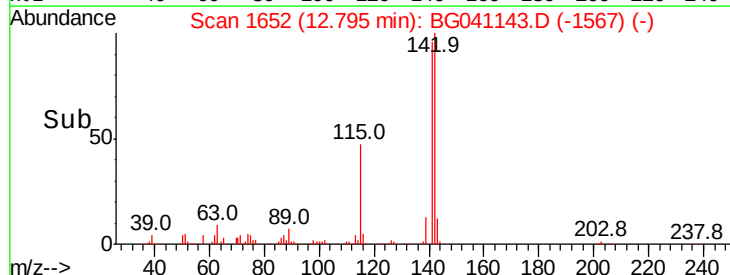
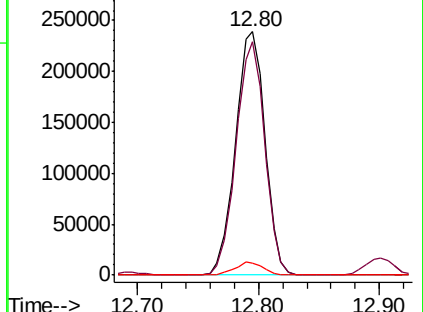
116 5.0 3.4 5.2

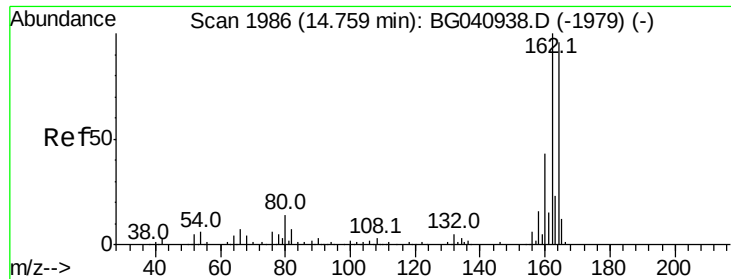


Abundance Ion 142.00 (141.70 to 142.70): E

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: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

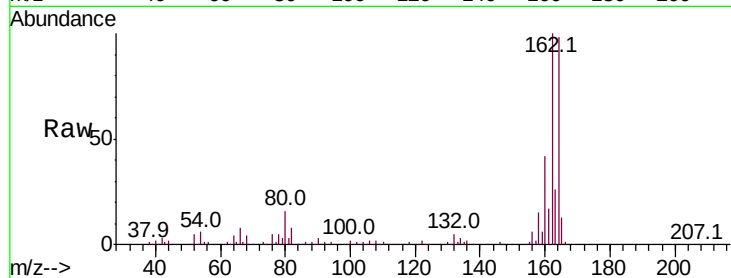
Tot Ion:164 Resp: 145033

Ion Ratio Lower Upper

164 100

162 102.4 83.0 124.4

160 43.3 35.6 53.4

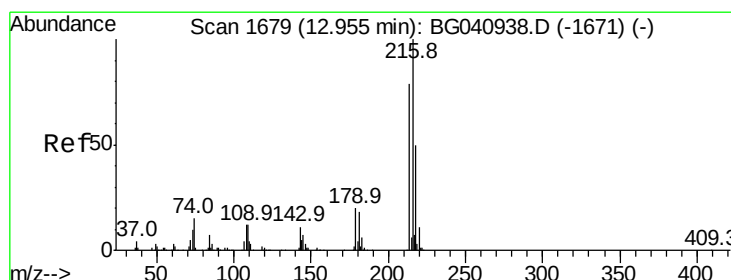
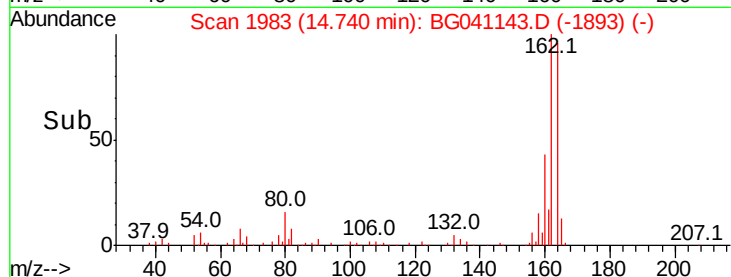
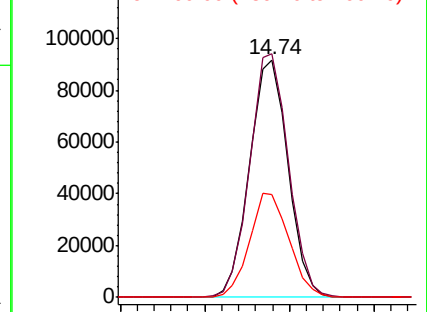


Abundance

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: 53.296 ng

RT: 12.94 min Scan# 1676

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Tgt Ion:216 Resp: 311549

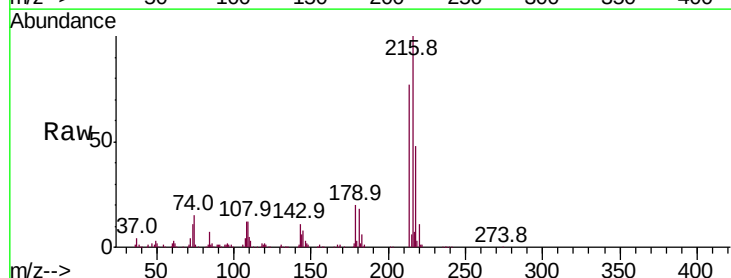
Ion Ratio Lower Upper

216 100

214 77.9 63.4 95.2

179 20.0 15.2 22.8

108 16.2 11.4 17.2



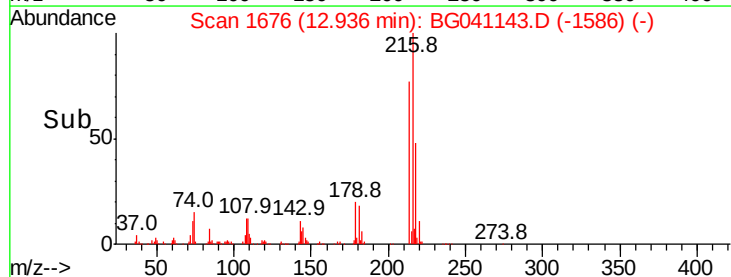
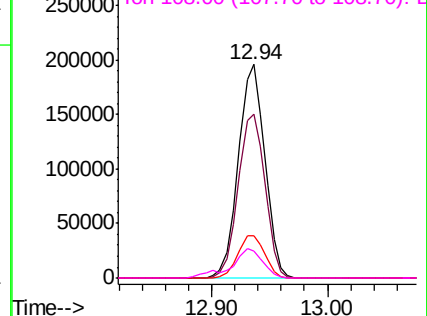
Abundance

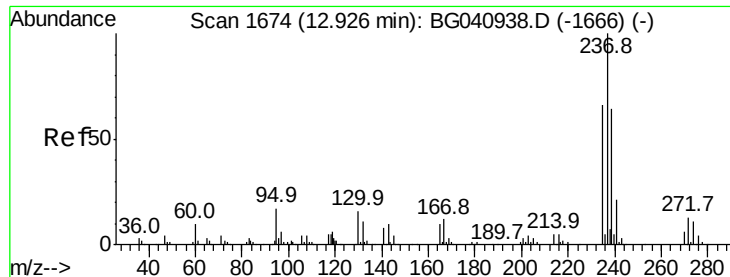
Ion 216.00 (215.70 to 216.70): E

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

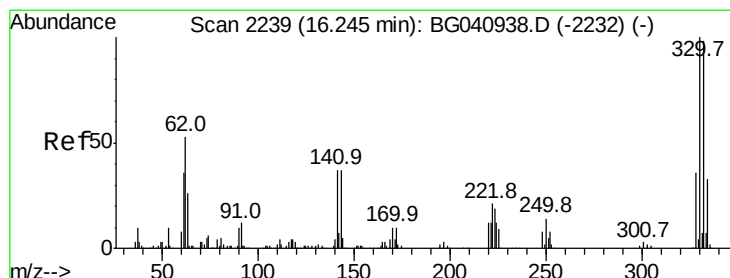
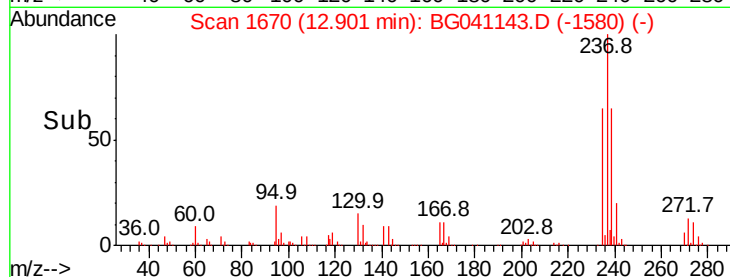
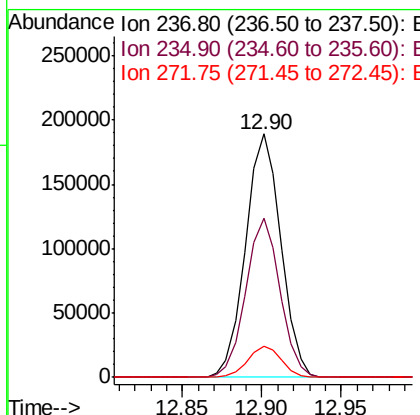
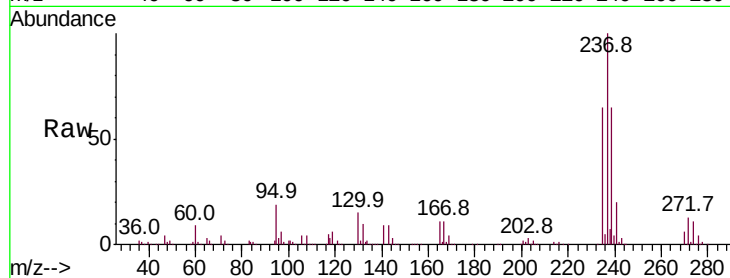




#41
Hexachlorocyclopentadiene
Concen: 91.670 ng
RT: 12.90 min Scan# 1670
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

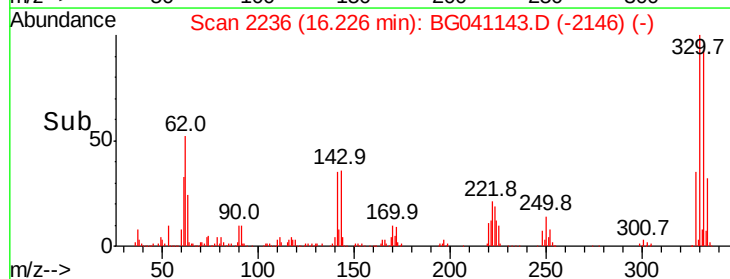
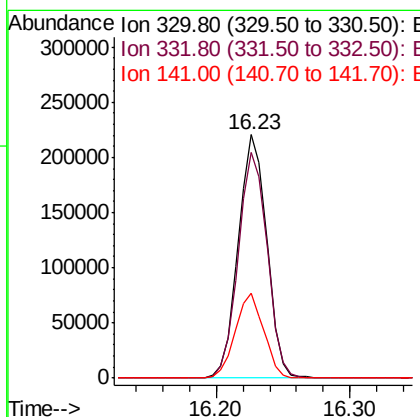
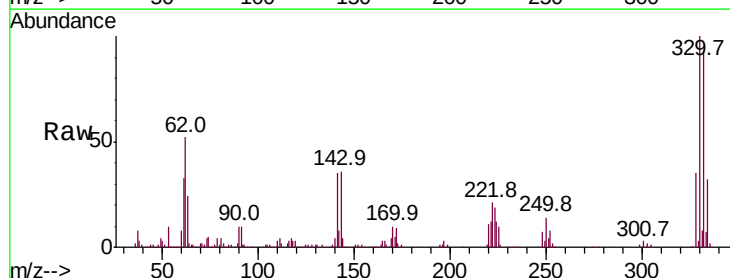
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MSD

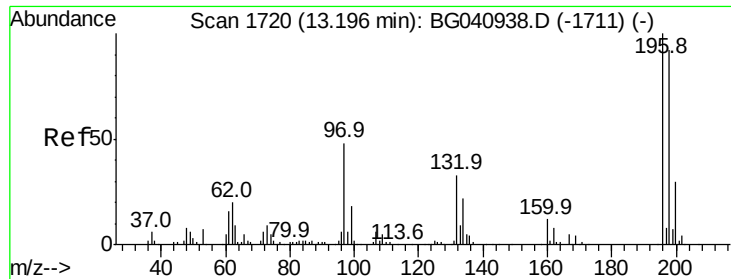
Tot Ion	Ratio	Lower	Upper
237	100		
235	65.3	45.5	85.5
272	12.7	0.0	32.9



#42
2,4,6-Tribromophenol
Concen: 151.544 ng
RT: 16.23 min Scan# 2236
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

Tgt Ion	Ratio	Lower	Upper
330	100		
332	94.4	78.5	117.7
141	34.9	28.7	43.1

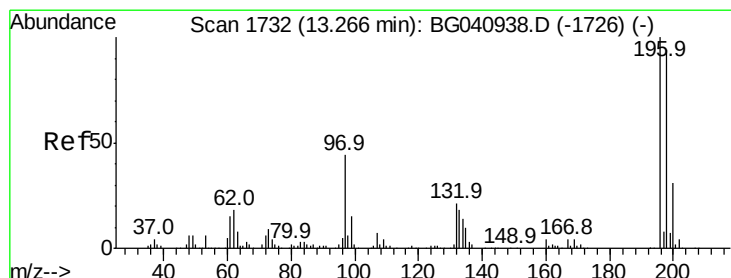
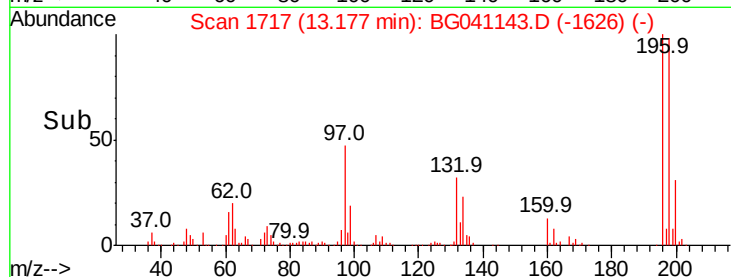
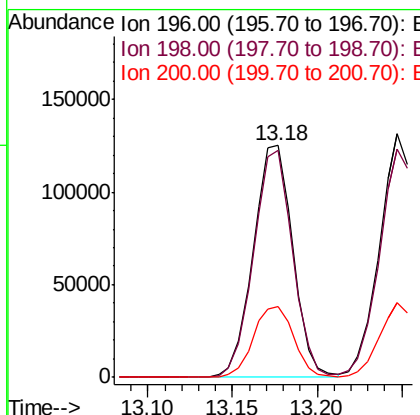
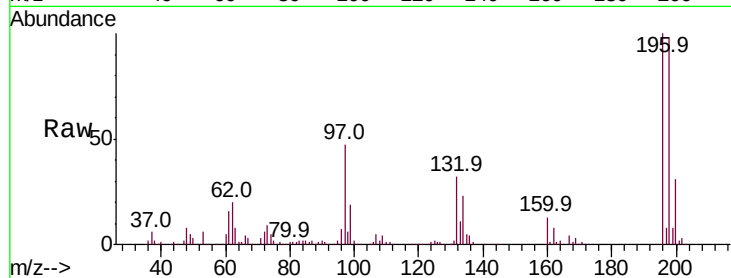




#43
 2,4,6-Trichlorophenol
 Concen: 53.638 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.01 min
 Lab File: BG041143.D
 Acq: 8 Jun 2019 21:13

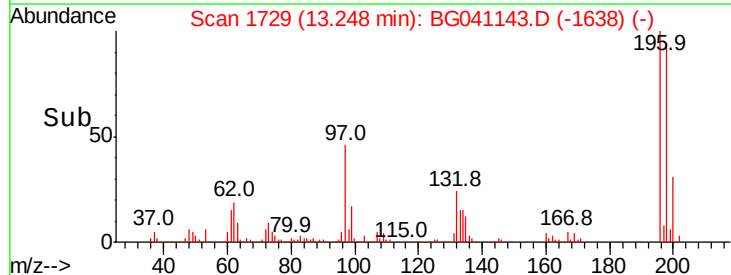
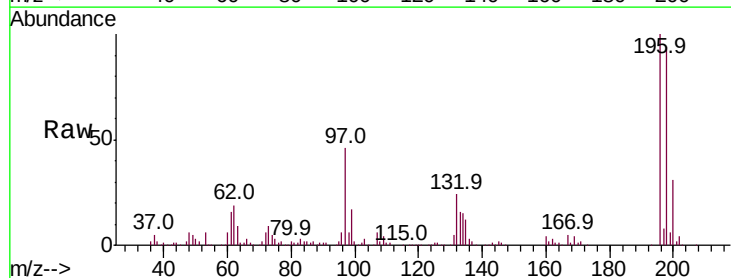
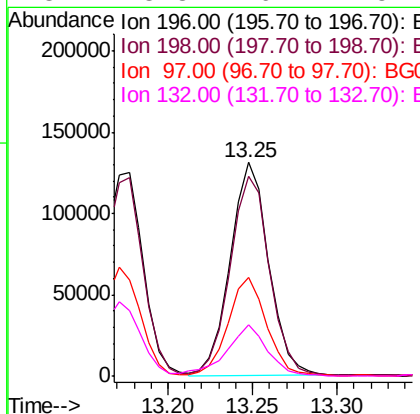
Instrument :
 BNA_G
 ClientSampleId :
 FK-PS-01-047MSD

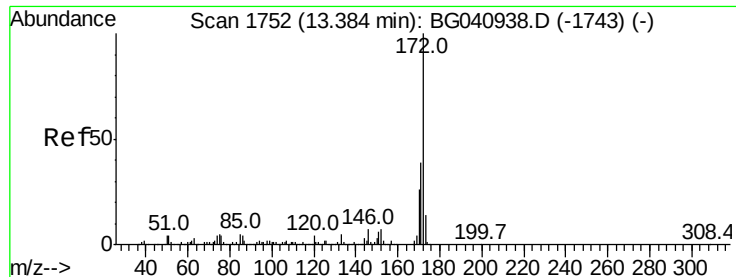
Tot Ion	Ratio	Lower	Upper
196	100		
198	97.7	73.8	110.6
200	30.8	24.1	36.1



#44
 2,4,5-Trichlorophenol
 Concen: 51.917 ng
 RT: 13.25 min Scan# 1729
 Delta R.T. 0.01 min
 Lab File: BG041143.D
 Acq: 8 Jun 2019 21:13

Tgt Ion	Ratio	Lower	Upper
196	100		
198	93.7	75.1	112.7
97	45.9	35.6	53.4
132	23.8	16.7	25.1

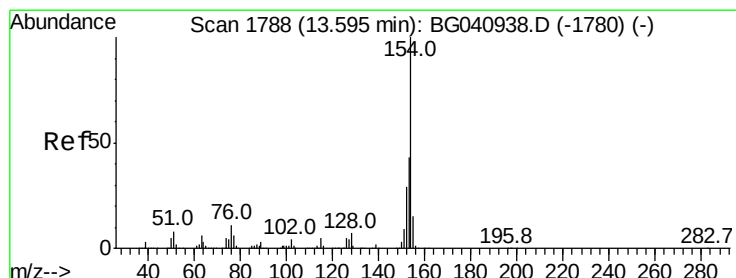
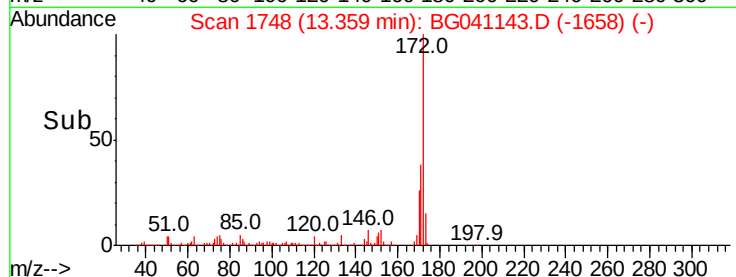
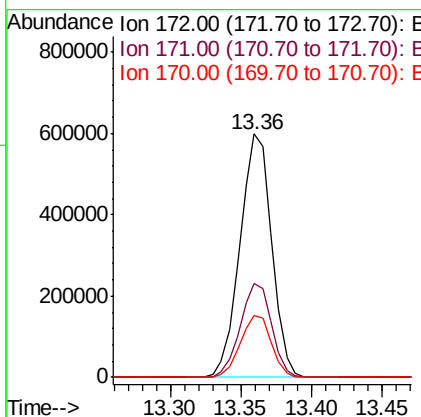
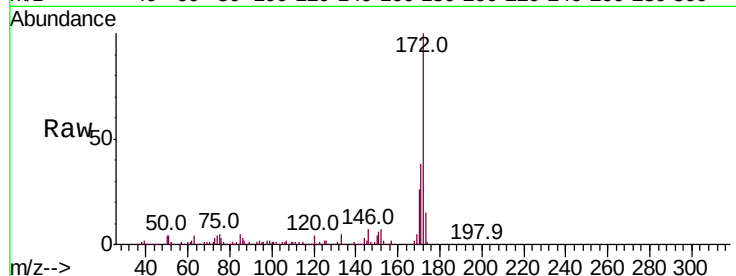




#45
2-Fluorobiphenyl
Concen: 93.317 ng
RT: 13.36 min Scan# 1748
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

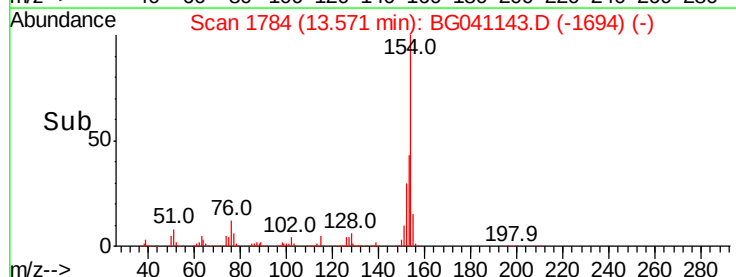
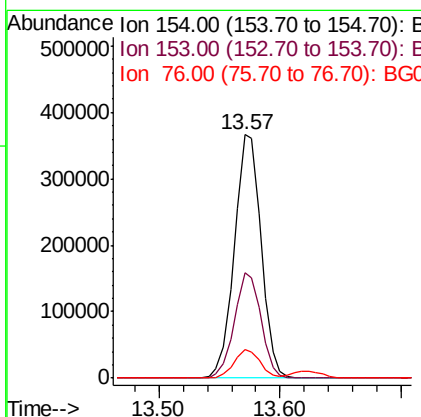
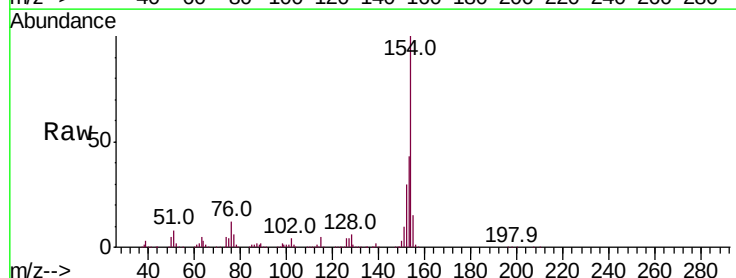
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MSD

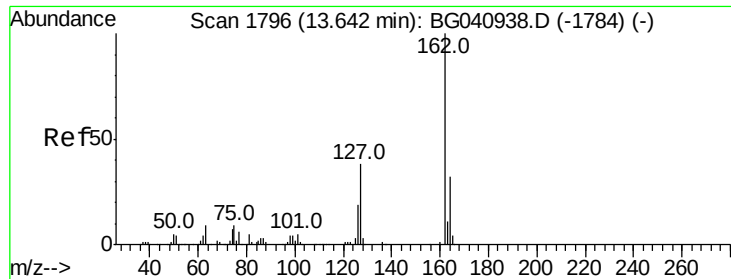
Tot Ion	Ratio	Lower	Upper
172	100		
171	38.3	31.1	46.7
170	25.6	20.5	30.7



#46
1,1'-Biphenyl
Concen: 52.500 ng
RT: 13.57 min Scan# 1784
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.1	23.3	63.3
76	11.5	0.0	31.1

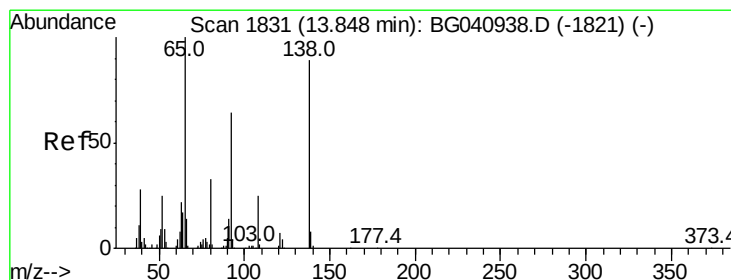
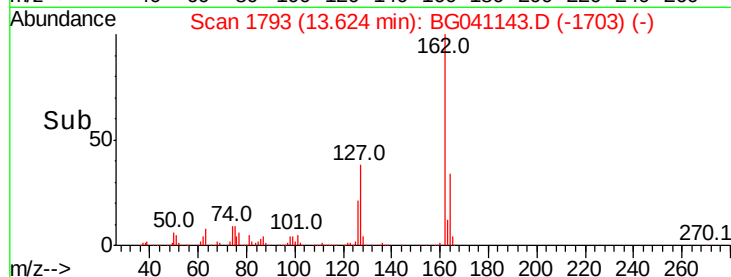
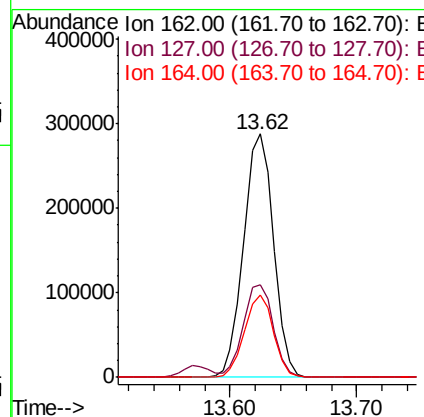
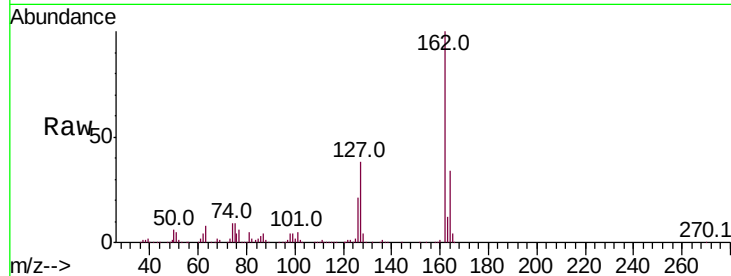




#47
2-Chloronaphthalene
Concen: 51.161 ng
RT: 13.62 min Scan# 1793
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

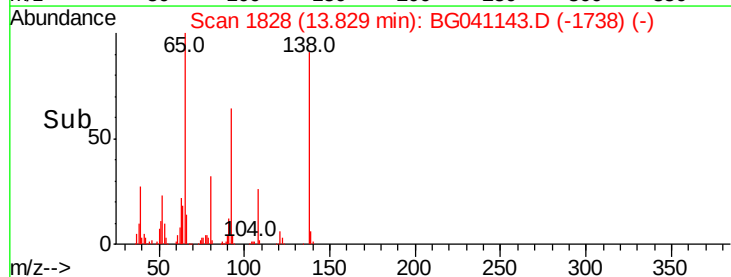
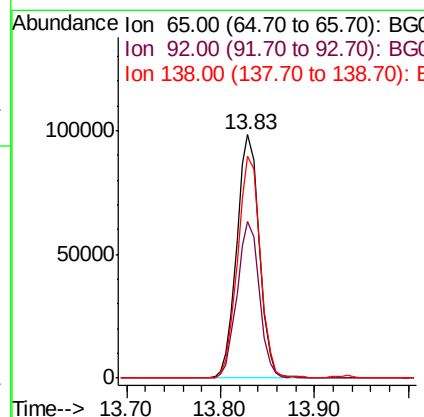
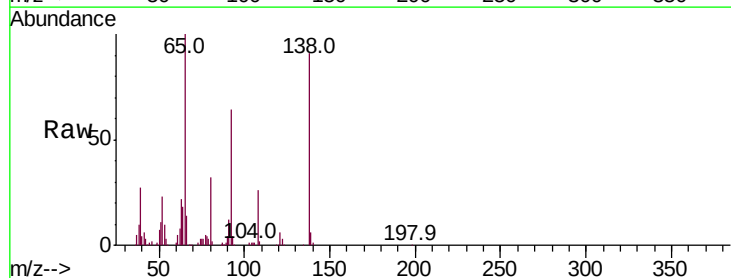
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MSD

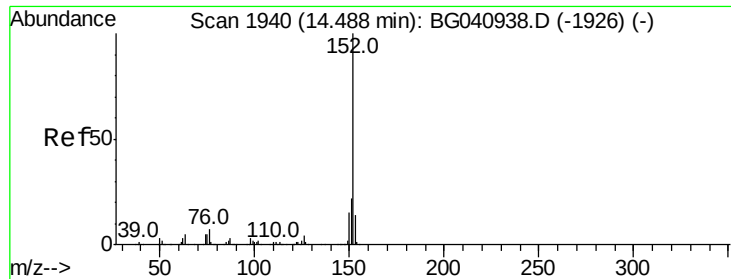
Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	30.5	45.7
164	33.7	25.8	38.6



#48
2-Nitroaniline
Concen: 49.738 ng
RT: 13.83 min Scan# 1828
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.2	51.0	76.6
138	91.1	71.2	106.8





#49

Acenaphthylene

Concen: 50.816 ng

RT: 14.46 min Scan# 1936

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

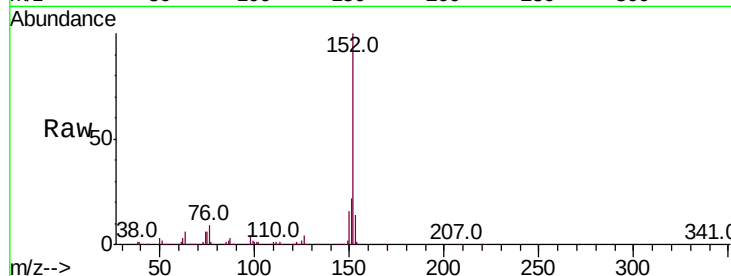
Tot Ion:152 Resp: 704871

Ion Ratio Lower Upper

152 100

151 22.5 17.4 26.0

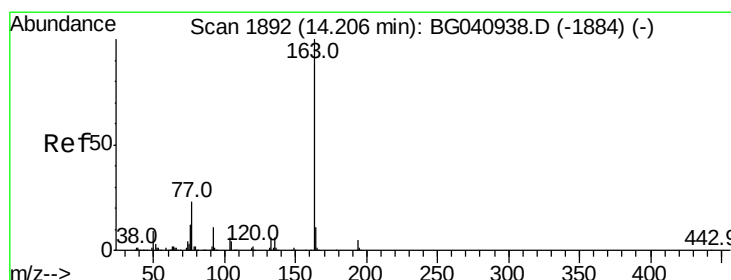
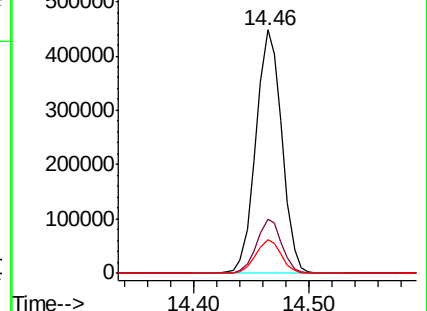
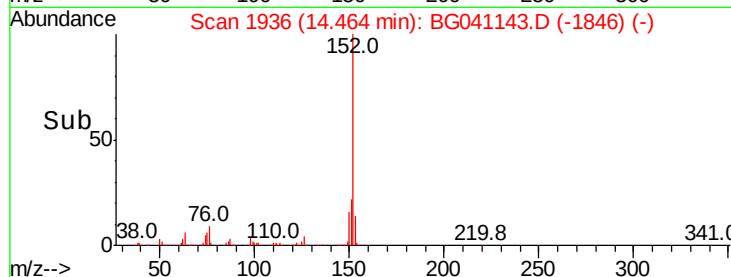
153 13.9 11.0 16.4



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: 58.164 ng

RT: 14.19 min Scan# 1889

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

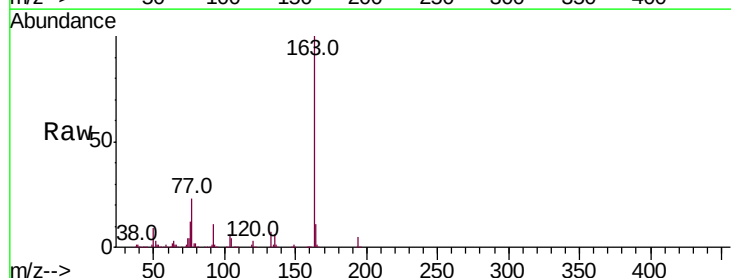
Tgt Ion:163 Resp: 714079

Ion Ratio Lower Upper

163 100

194 5.1 3.8 5.8

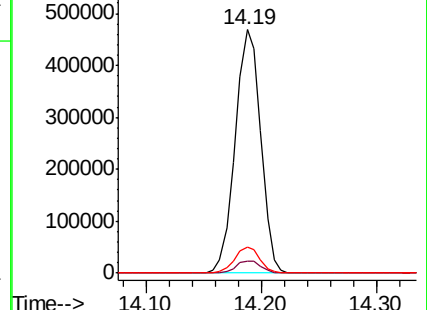
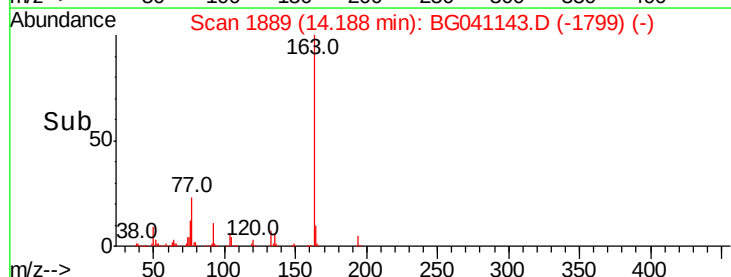
164 10.6 8.7 13.1

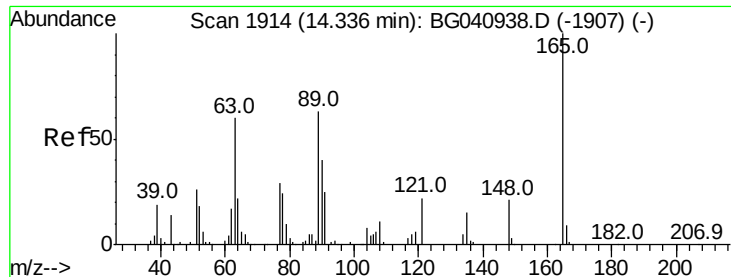


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

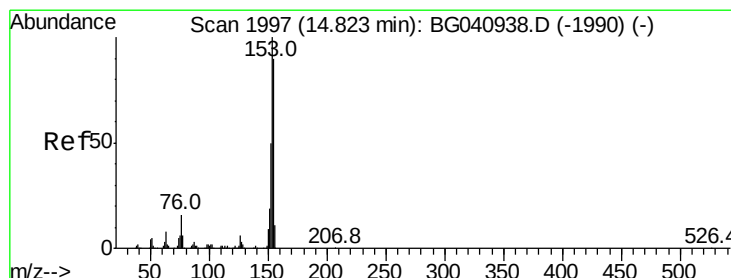
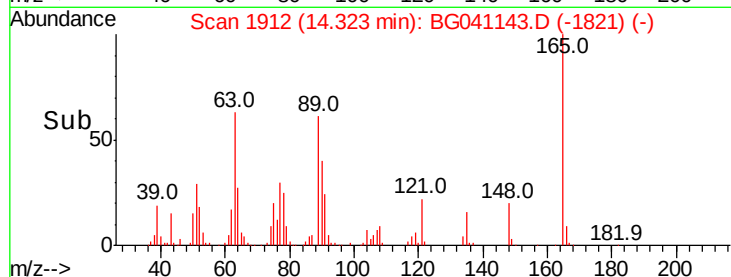
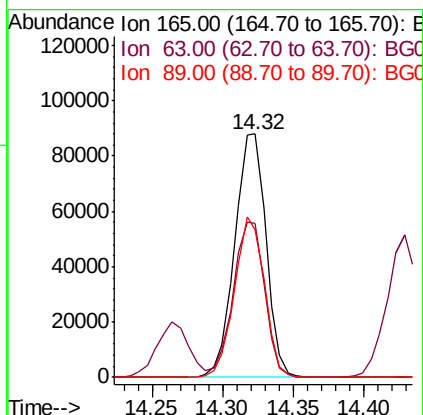
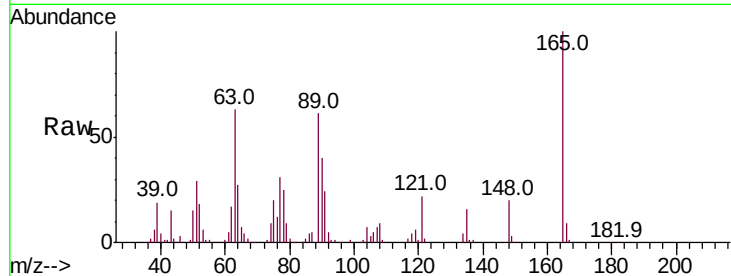




#51
 2,6-Dinitrotoluene
 Concen: 51.360 ng
 RT: 14.32 min Scan# 1912
 Delta R.T. 0.01 min
 Lab File: BG041143.D
 Acq: 8 Jun 2019 21:13

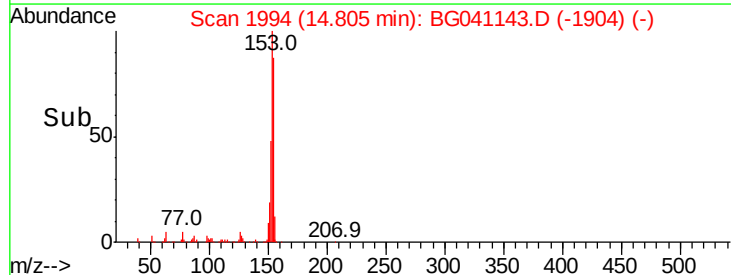
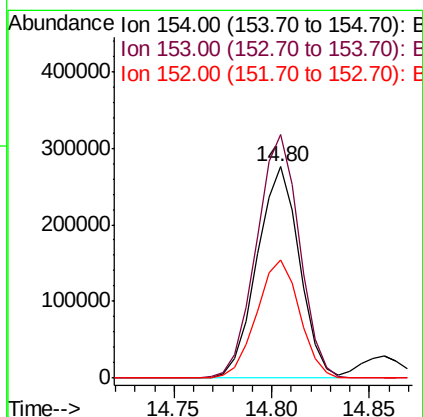
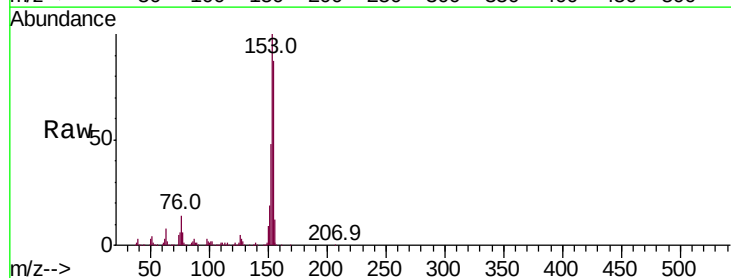
Instrument :
 BNA_G
 ClientSampleId :
 FK-PS-01-047MSD

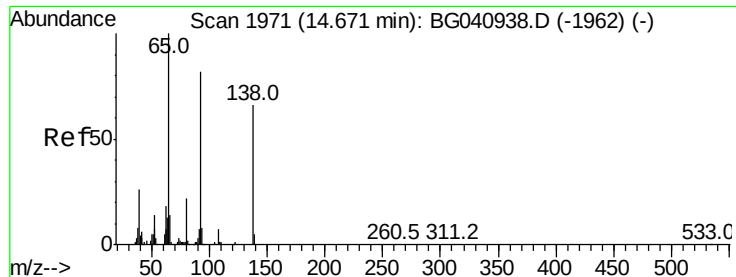
Tot Ion:165 Resp: 135954
 Ion Ratio Lower Upper
 165 100
 63 63.1 53.6 80.4
 89 60.6 50.4 75.6



#52
 Acenaphthene
 Concen: 49.383 ng
 RT: 14.80 min Scan# 1994
 Delta R.T. 0.00 min
 Lab File: BG041143.D
 Acq: 8 Jun 2019 21:13

Tgt Ion:154 Resp: 414970
 Ion Ratio Lower Upper
 154 100
 153 115.3 88.6 133.0
 152 55.9 44.2 66.4





#53

3-Nitroaniline

Concen: 33.193 ng

RT: 14.65 min Scan# 1968

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

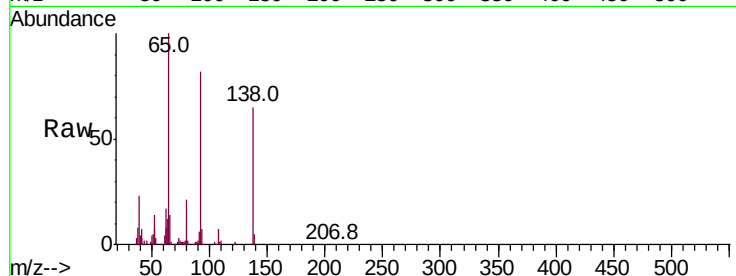
Tot Ion:138 Resp: 87860

Ion Ratio Lower Upper

138 100

108 11.2 8.5 12.7

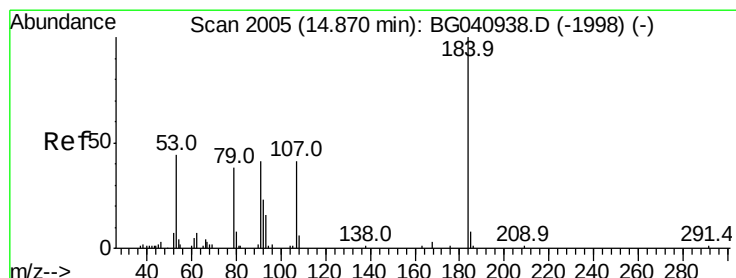
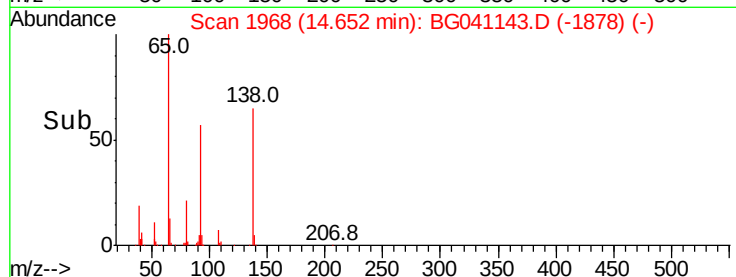
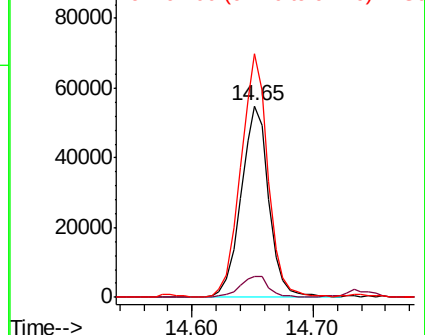
92 127.4 99.0 148.6



Abundance Ion 138.00 (137.70 to 138.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54

2,4-Dinitrophenol

Concen: 61.613 ng

RT: 14.86 min Scan# 2003

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

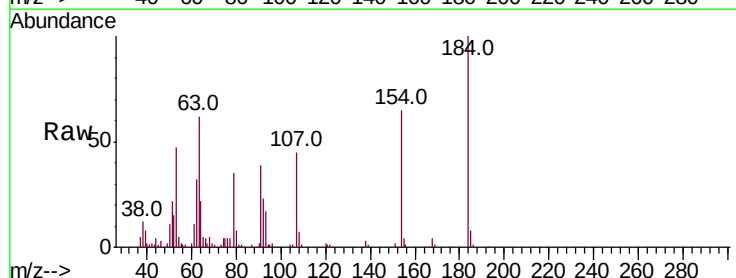
Tgt Ion:184 Resp: 75882

Ion Ratio Lower Upper

184 100

63 62.3 49.8 74.6

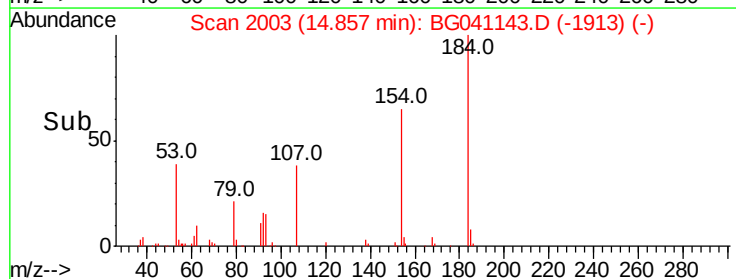
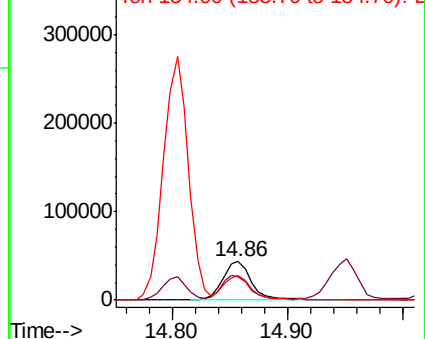
154 65.0 52.2 78.4

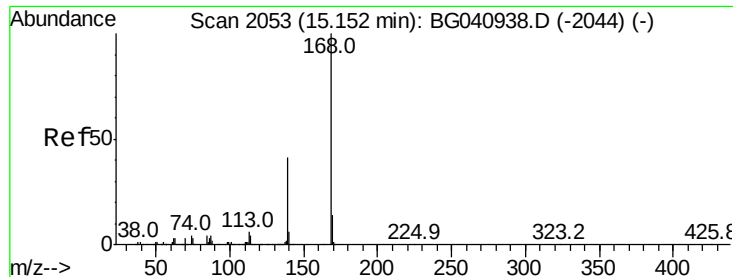


Abundance Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E

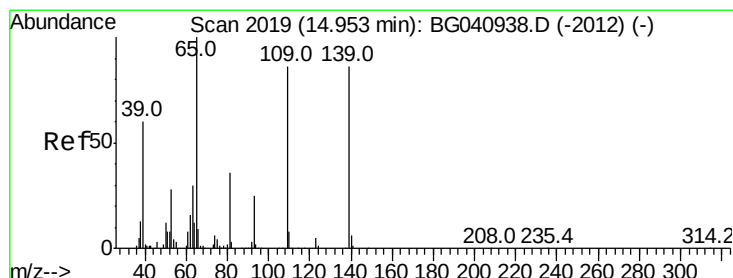
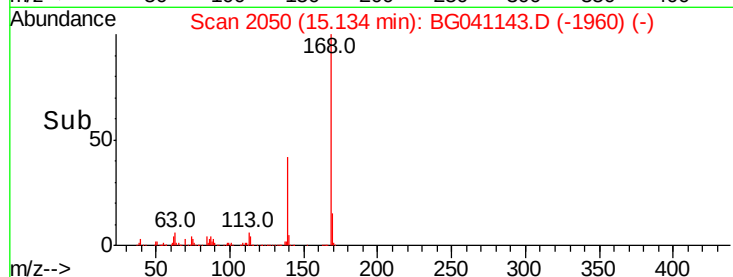
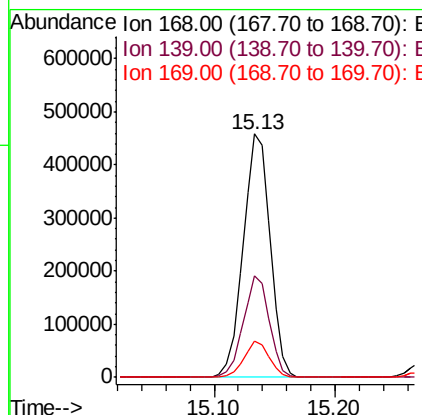
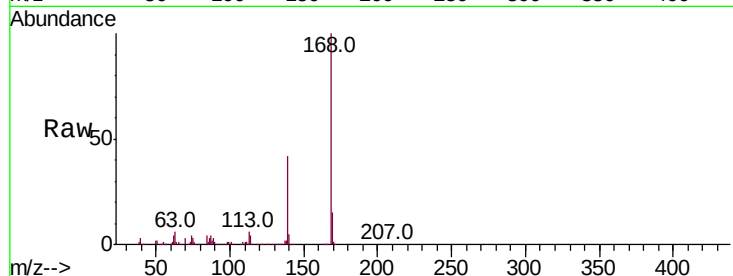




#55
Dibenzenofuran
Concen: 50.407 ng
RT: 15.13 min Scan# 2050
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

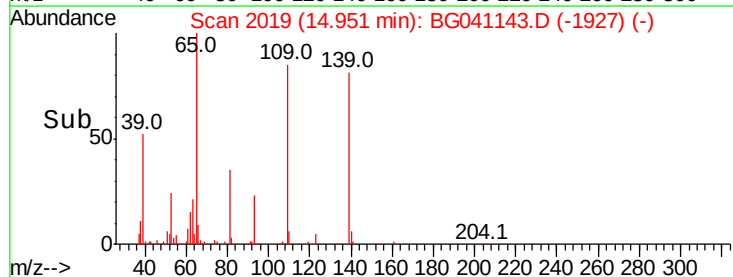
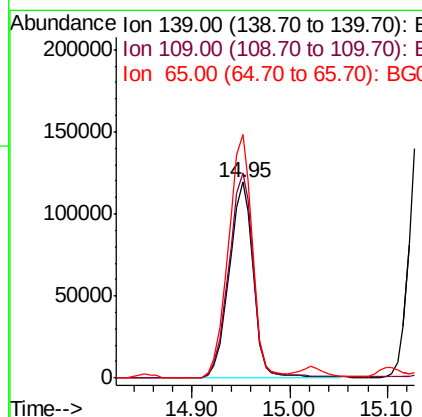
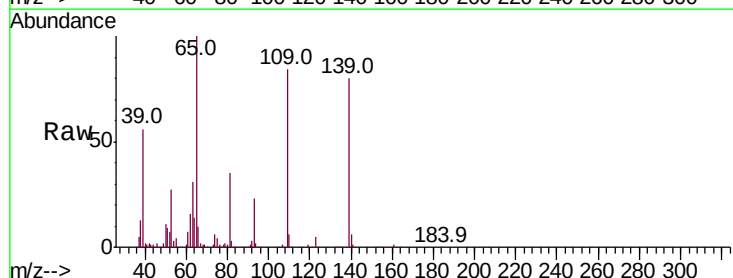
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MSD

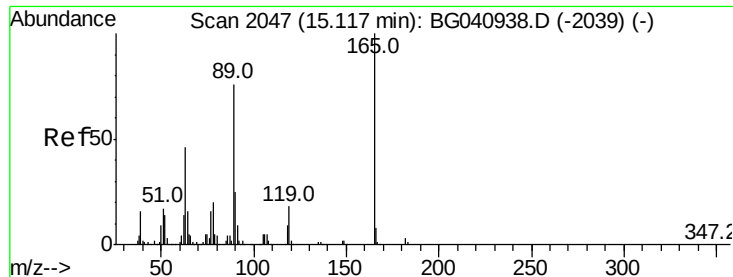
Tot Ion	Ratio	Lower	Upper
168	100		
139	41.9	32.8	49.2
169	14.9	11.3	16.9



#56
4-Nitrophenol
Concen: 112.682 ng
RT: 14.95 min Scan# 2019
Delta R.T. 0.01 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

Tgt Ion	Ratio	Lower	Upper
139	100		
109	105.0	79.6	119.6
65	124.5	96.9	136.9

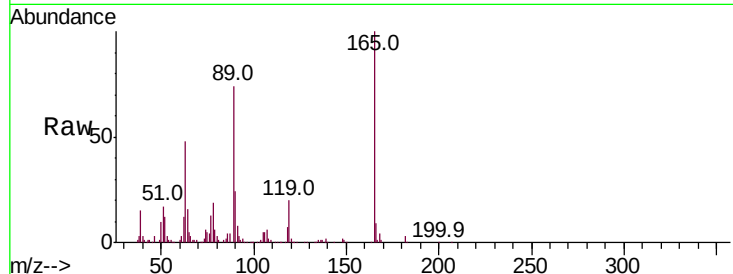




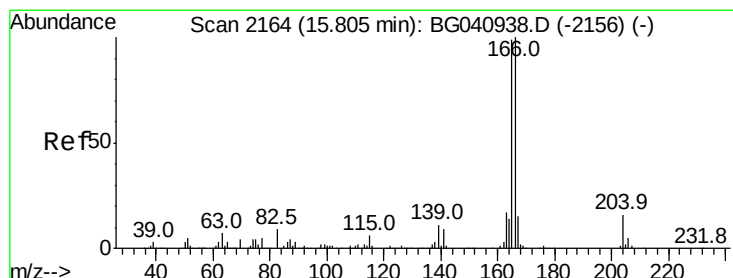
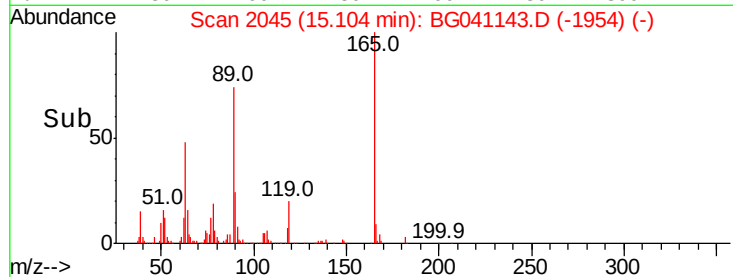
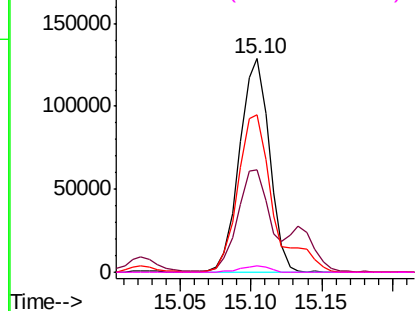
#57
2,4-Dinitrotoluene
Concen: 50.955 ng
RT: 15.10 min Scan# 2045
Delta R.T. 0.01 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

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

Tot Ion:165 Resp: 190530
Ion Ratio Lower Upper
165 100
63 47.7 37.3 55.9
89 73.9 61.0 91.6
182 3.1 2.2 3.2

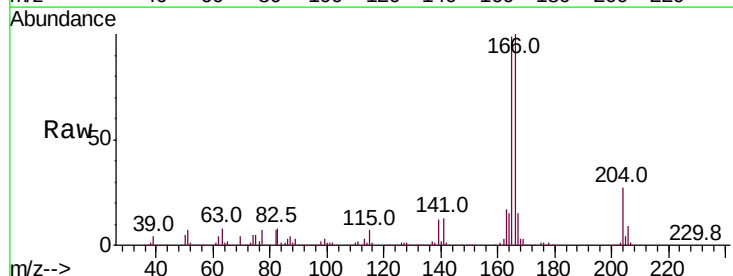


Abundance Ion 165.00 (164.70 to 165.70): E
200000
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

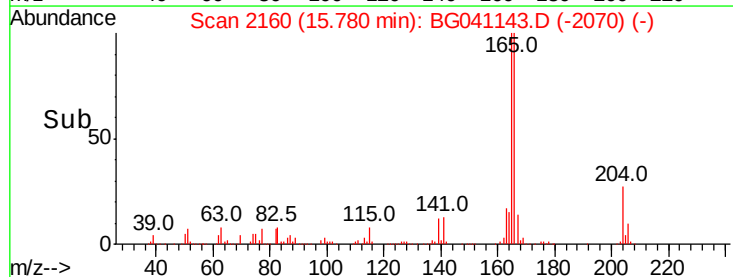
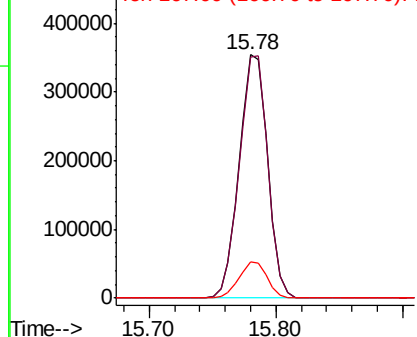


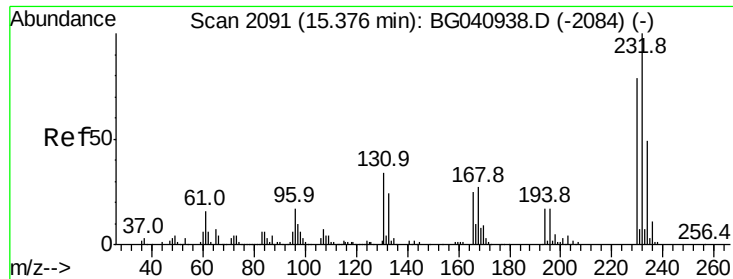
#58
Fluorene
Concen: 48.771 ng
RT: 15.78 min Scan# 2160
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

Tgt Ion:166 Resp: 549186
Ion Ratio Lower Upper
166 100
165 99.3 79.2 118.8
167 14.7 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: 52.776 ng

RT: 15.36 min Scan# 2088

Delta R.T. 0.01 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

Tot Ion:232 Resp: 206851

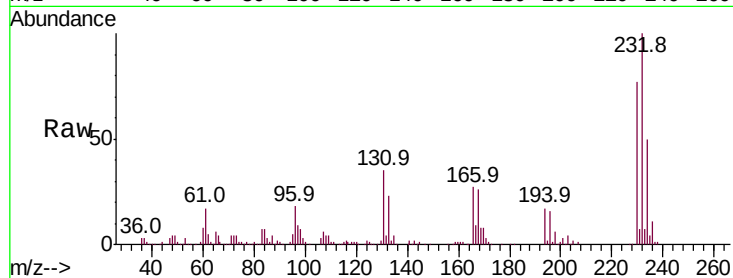
Ion Ratio Lower Upper

232 100

131 37.3 30.3 45.5

130 2.2 1.8 2.8

166 27.1 21.3 31.9

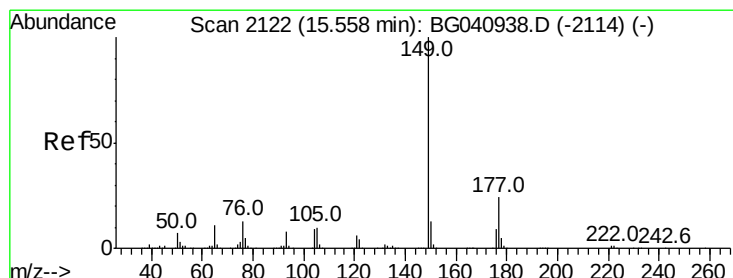
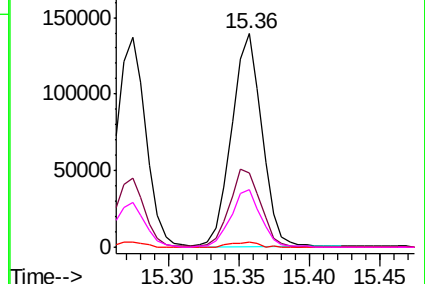
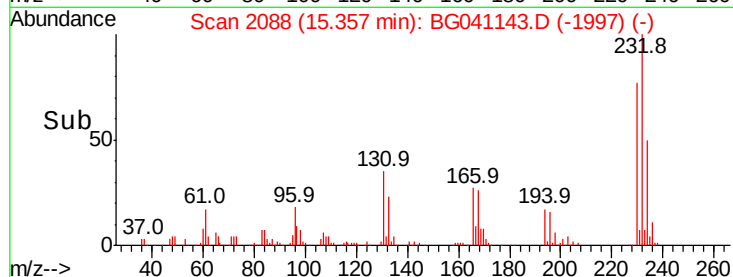


Abundance Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60

Diethylphthalate

Concen: 48.113 ng

RT: 15.54 min Scan# 2119

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

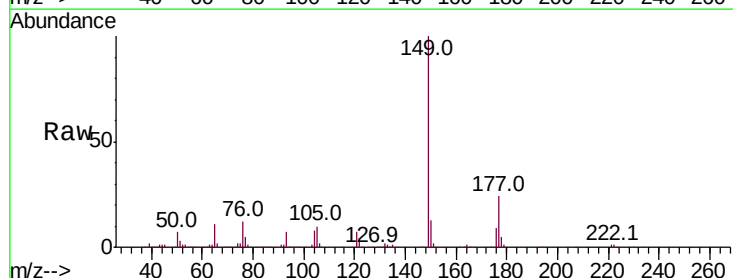
Tgt Ion:149 Resp: 602817

Ion Ratio Lower Upper

149 100

177 24.3 19.4 29.0

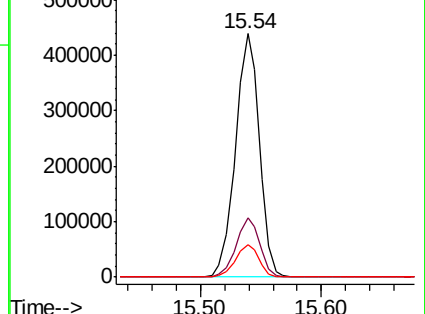
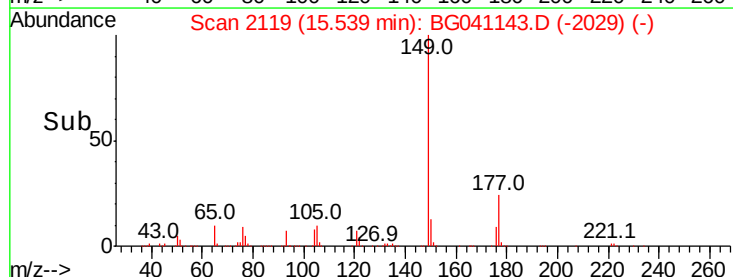
150 13.2 10.3 15.5

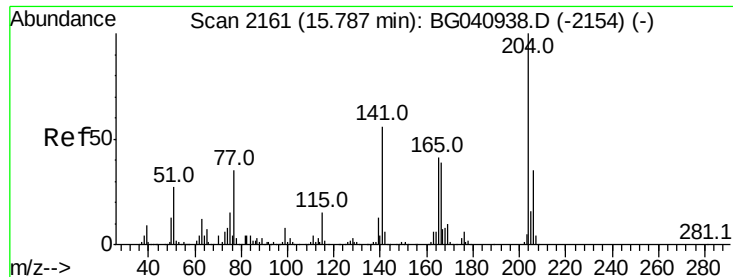


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E

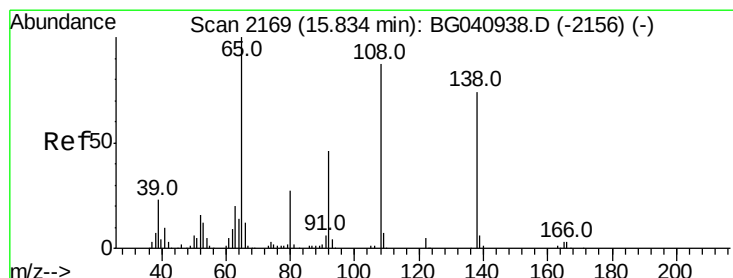
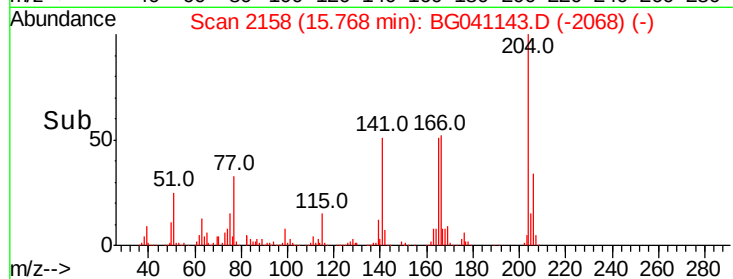
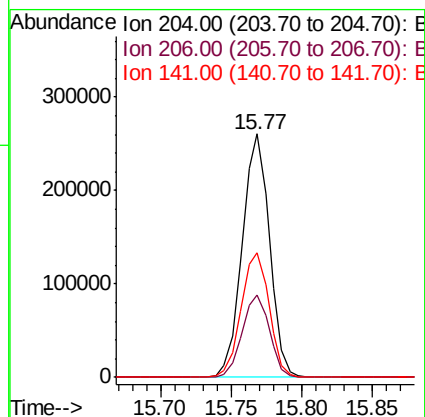
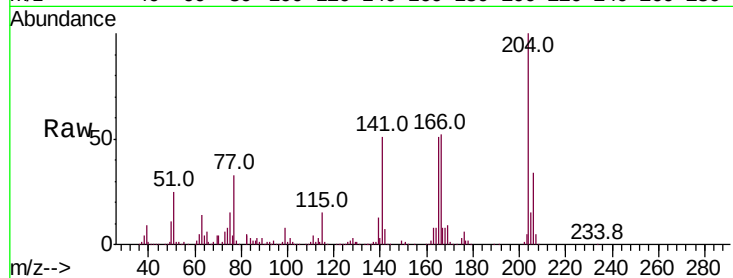




#61
4-Chlorophenyl-phenylether
Concen: 47.850 ng
RT: 15.77 min Scan# 2158
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

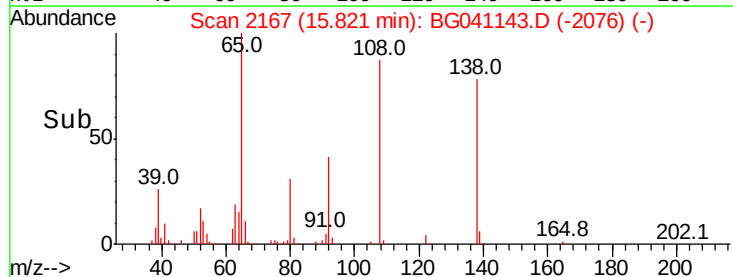
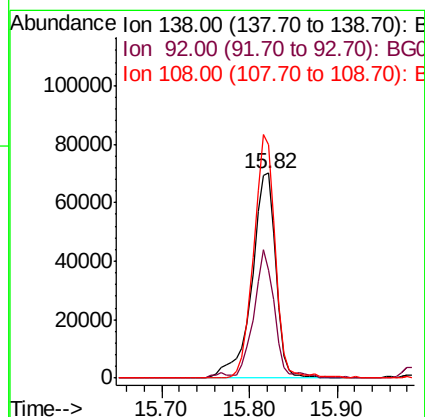
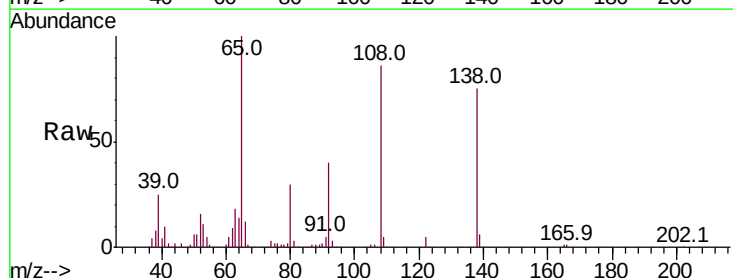
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MSD

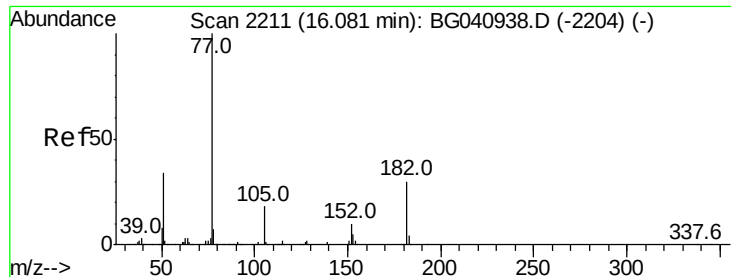
Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	27.6	41.4
141	51.4	45.1	67.7



#62
4-Nitroaniline
Concen: 46.928 ng
RT: 15.82 min Scan# 2167
Delta R.T. 0.01 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

Tgt Ion	Ratio	Lower	Upper
138	100		
92	52.6	42.4	82.4
108	114.2	96.9	136.9





#63

Azobenzene

Concen: 47.849 ng

RT: 16.06 min Scan# 2208

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

Tot Ion: 77 Resp: 544886

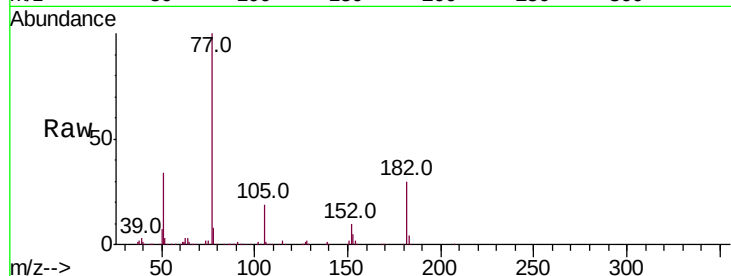
Ion Ratio Lower Upper

77 100

182 29.9 9.6 49.6

105 19.0 0.0 37.5

51 34.0 13.7 53.7

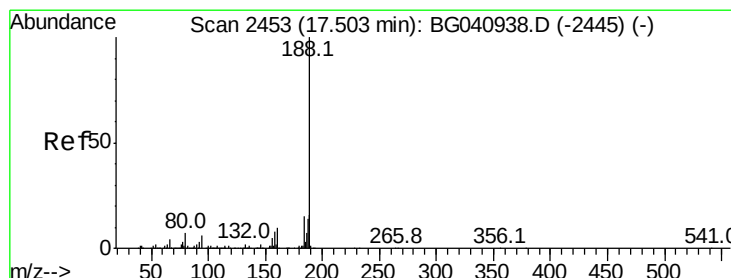
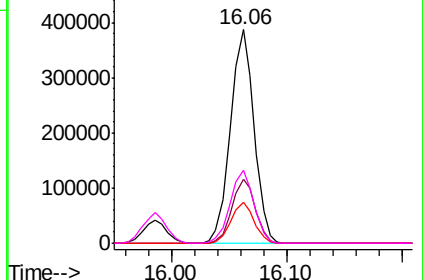
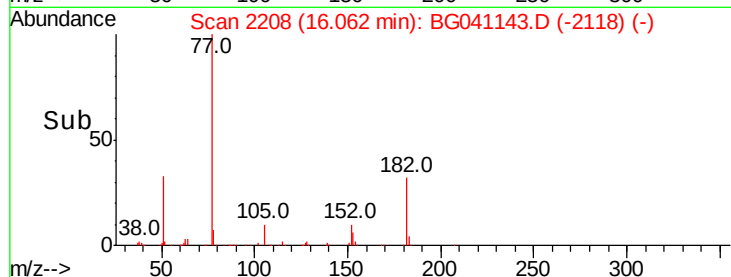


Abundance Ion 77.00 (76.70 to 77.70): BGC

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# 2449

Delta R.T. -0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

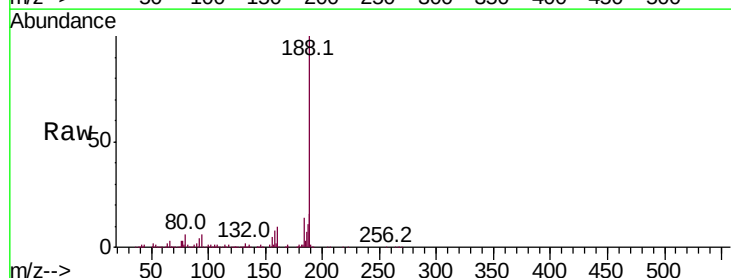
Tgt Ion: 188 Resp: 343550

Ion Ratio Lower Upper

188 100

94 5.6 4.7 7.1

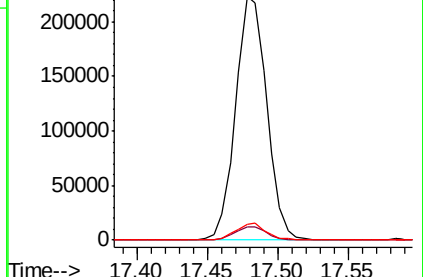
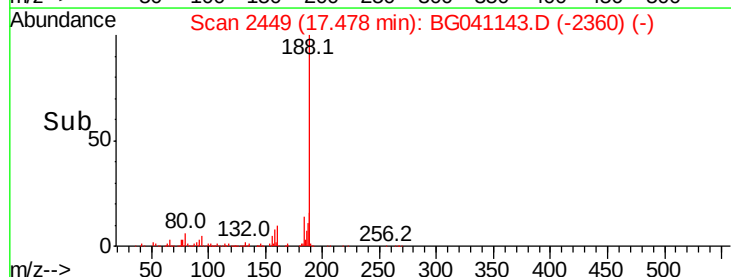
80 6.4 5.8 8.8

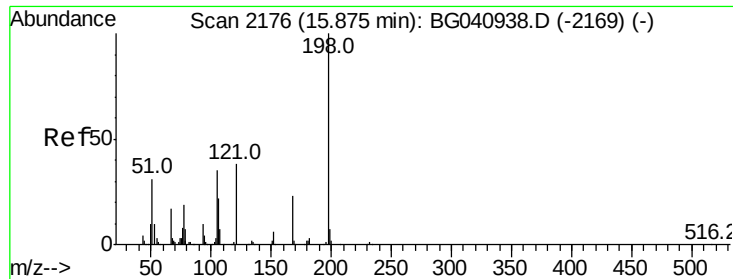


Abundance Ion 188.00 (187.70 to 188.70): BGC

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: 49.483 ng

RT: 15.86 min Scan# 2174

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

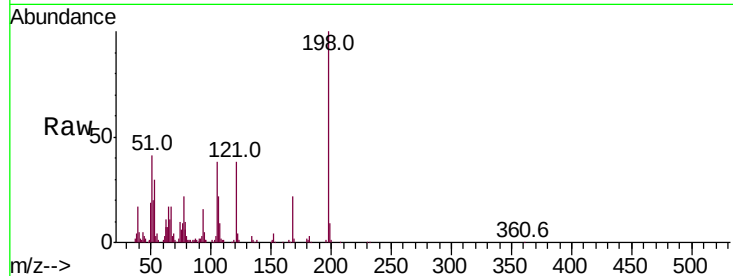
Tot Ion:198 Resp: 91691

Ion Ratio Lower Upper

198 100

51 40.5 21.6 61.6

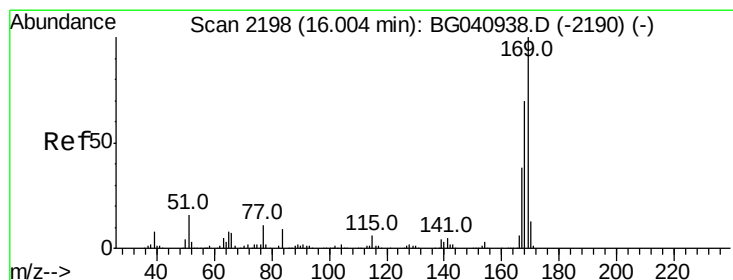
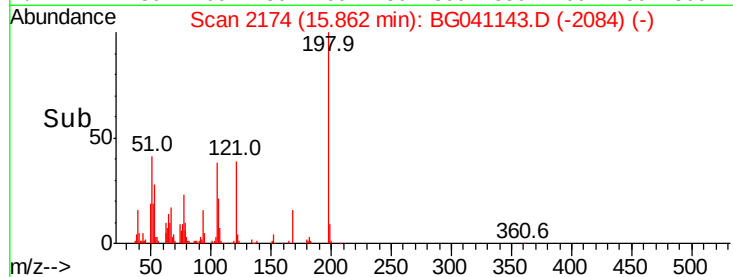
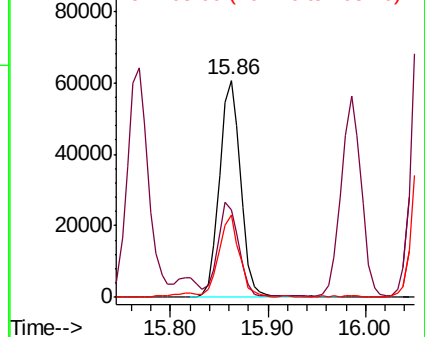
105 38.2 17.5 57.5



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: 52.411 ng

RT: 15.99 min Scan# 2195

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

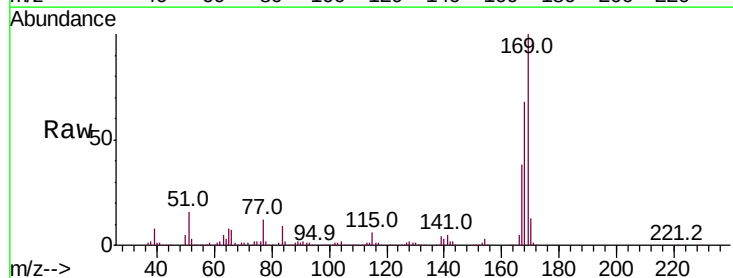
Tgt Ion:169 Resp: 506168

Ion Ratio Lower Upper

169 100

168 67.9 55.7 83.5

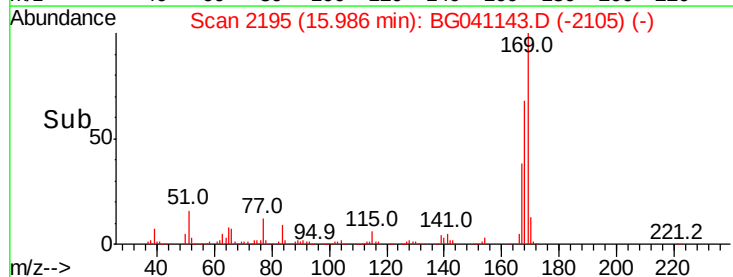
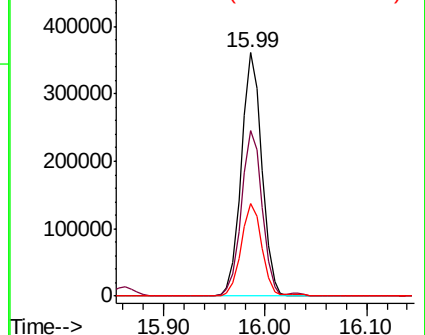
167 38.0 30.2 45.2

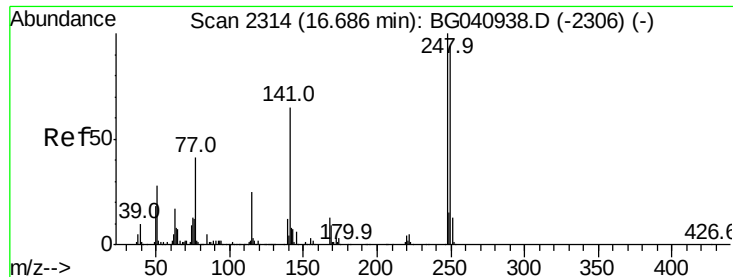


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

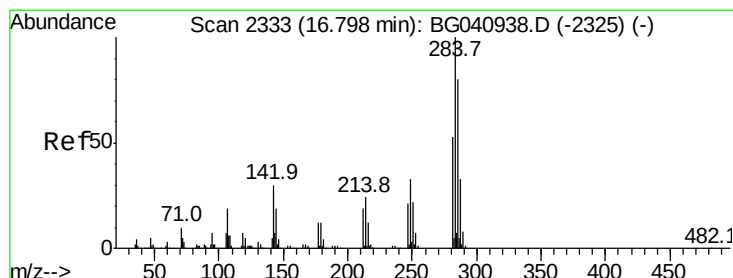
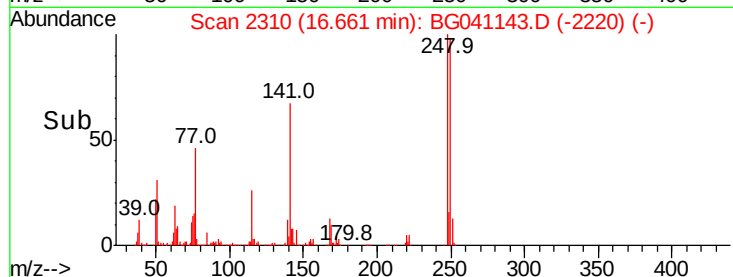
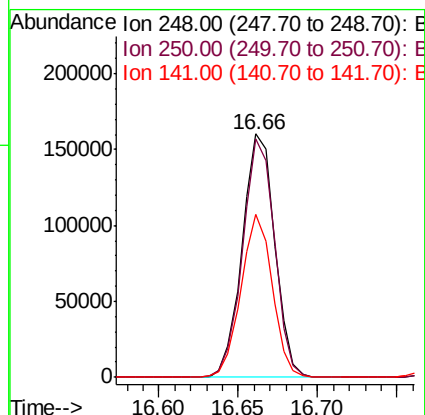
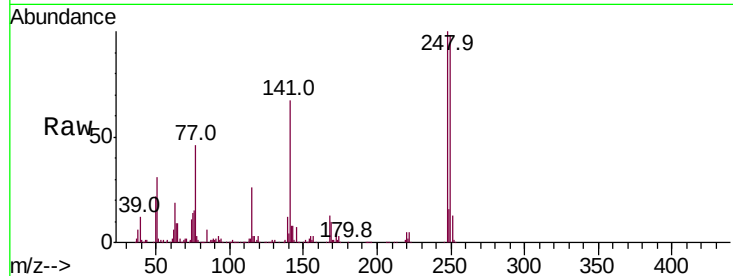




#67
4-Bromophenyl-phenylether
Concen: 49.173 ng
RT: 16.66 min Scan# 2310
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

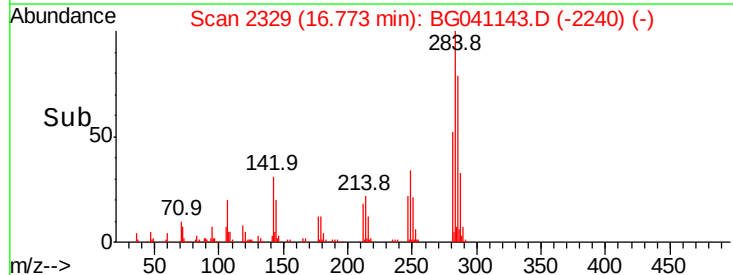
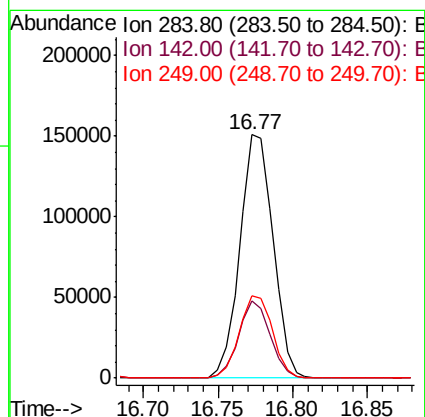
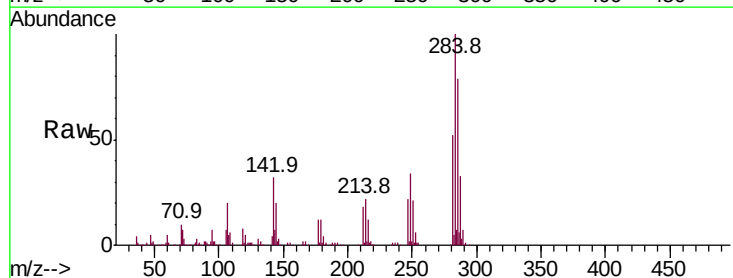
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MSD

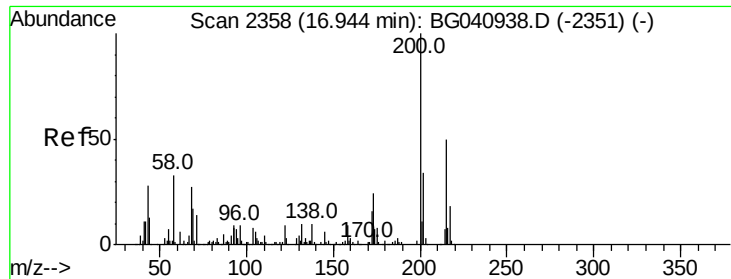
Tot Ion	Ratio	Lower	Upper
248	100		
250	98.0	75.0	112.4
141	66.9	52.4	78.6



#68
Hexachlorobenzene
Concen: 47.144 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

Tgt Ion	Ratio	Lower	Upper
284	100		
142	31.7	23.9	35.9
249	35.9	26.8	40.2





#69

Atrazine

Concen: 57.618 ng

RT: 16.93 min Scan# 2355

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

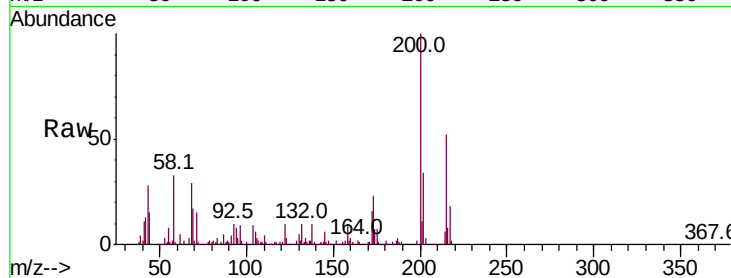
Tot Ion:200 Resp: 214710

Ion Ratio Lower Upper

200 100

173 22.6 3.6 43.6

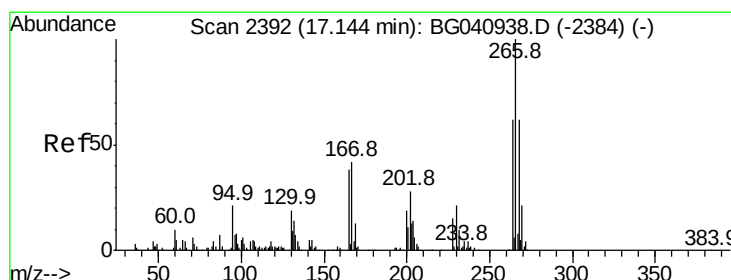
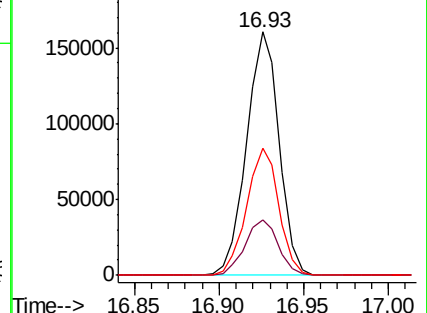
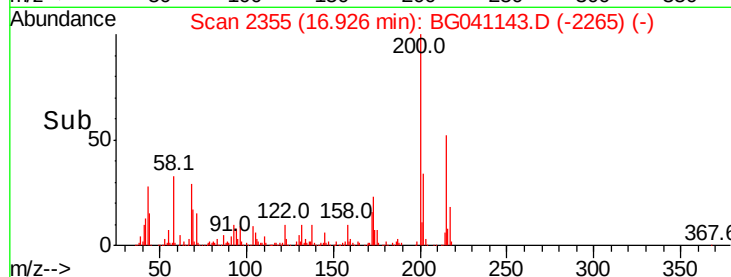
215 52.2 29.6 69.6



Abundance Ion 200.00 (199.70 to 200.70): E

Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70

Pentachlorophenol

Concen: 101.759 ng

RT: 17.13 min Scan# 2389

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

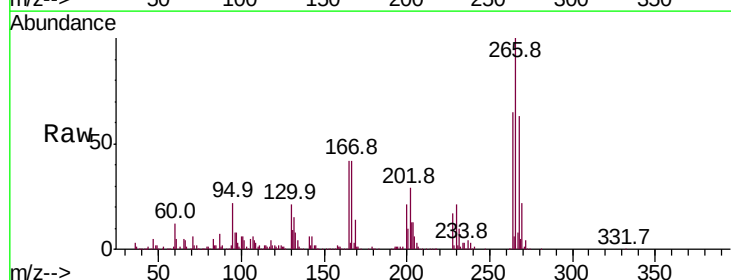
Tgt Ion:266 Resp: 272359

Ion Ratio Lower Upper

266 100

268 63.4 53.1 79.7

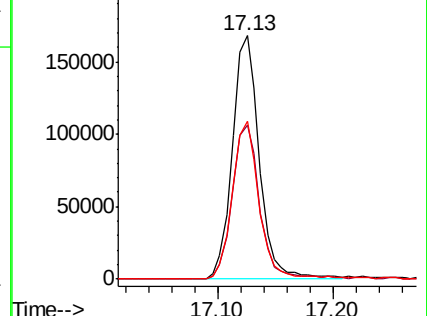
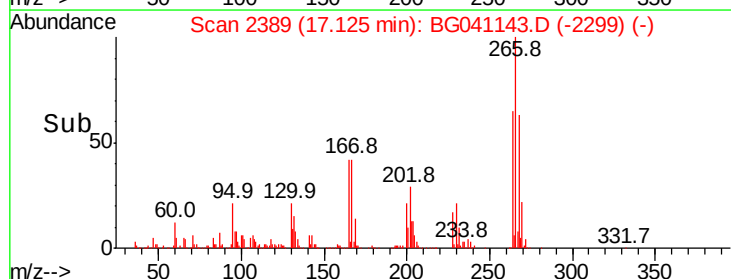
264 64.9 49.9 74.9

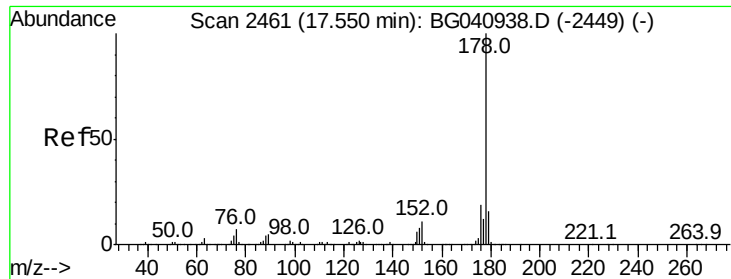


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

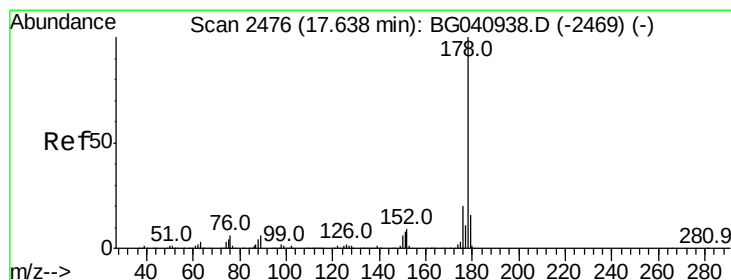
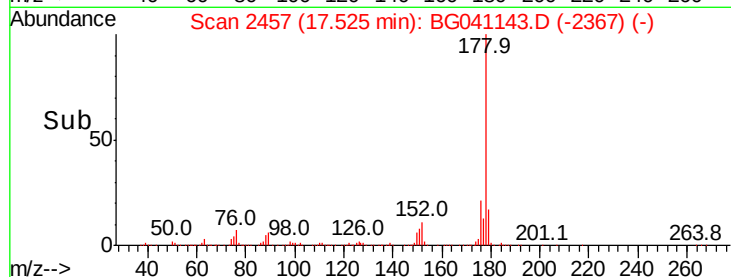
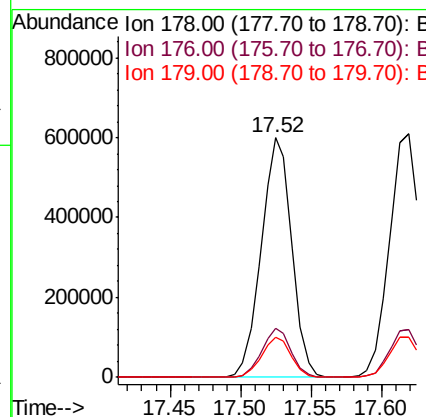
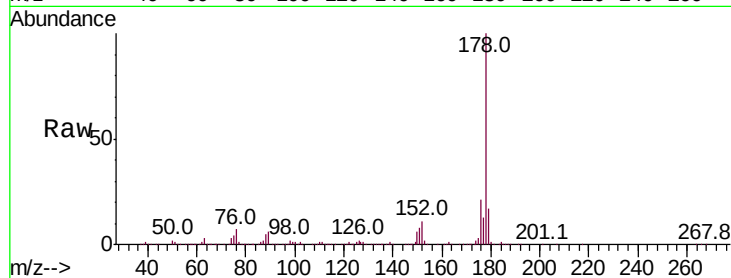




#71
Phenanthrene
Concen: 50.707 ng
RT: 17.52 min Scan# 2457
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

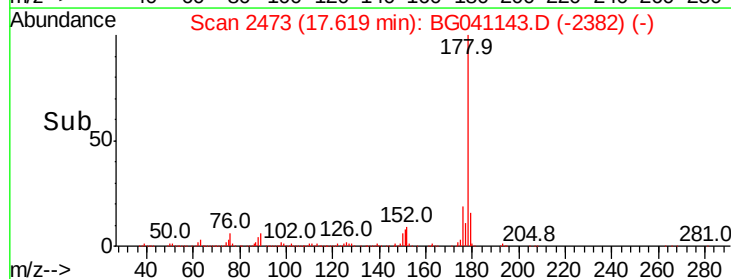
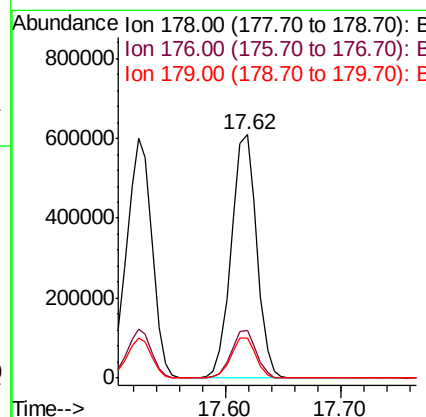
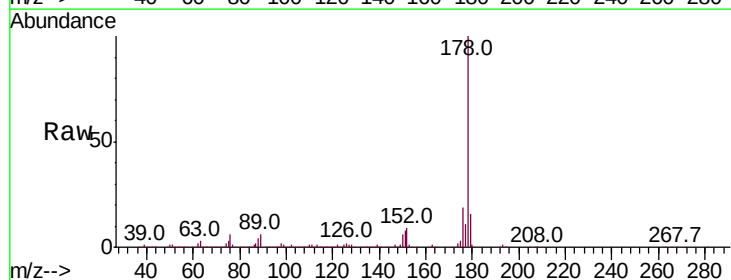
Instrument :
BNA_G
ClientSampleId :
FK-PS-01-047MSD

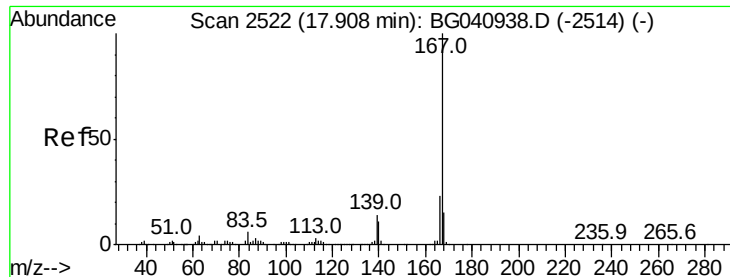
Tot Ion:178 Resp: 907403
Ion Ratio Lower Upper
178 100
176 20.8 15.5 23.3
179 16.9 12.7 19.1



#72
Anthracene
Concen: 52.405 ng
RT: 17.62 min Scan# 2473
Delta R.T. 0.01 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

Tgt Ion:178 Resp: 924917
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 16.3 13.0 19.4

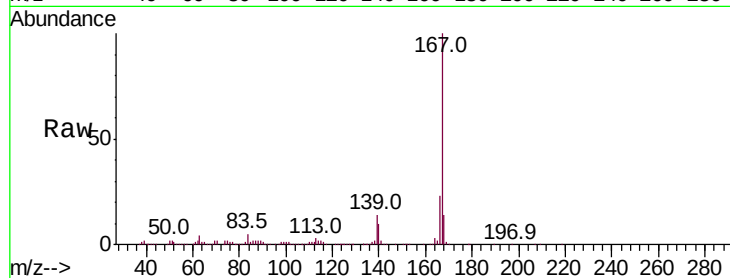




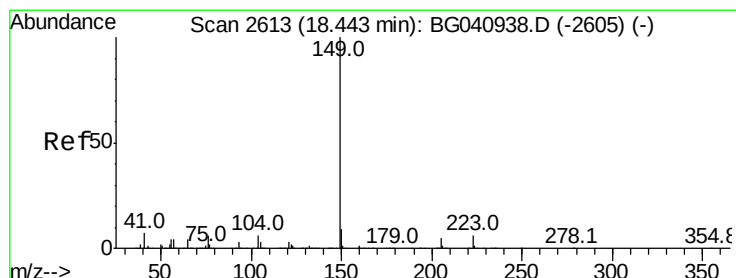
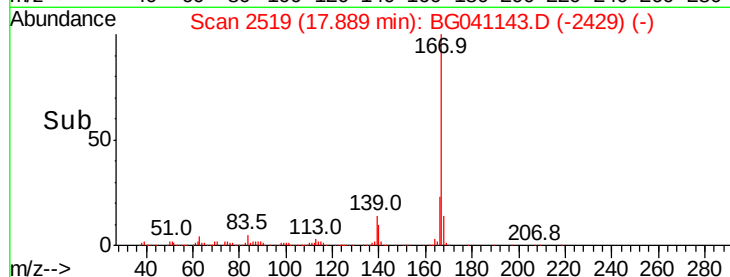
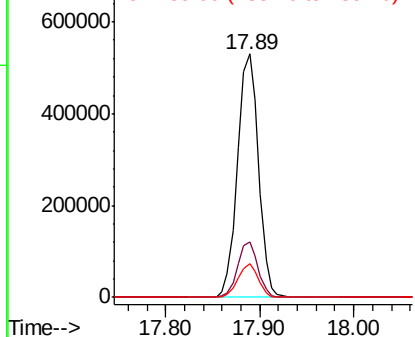
#73
 Carbazole
 Concen: 54.330 ng
 RT: 17.89 min Scan# 2519
 Delta R.T. 0.00 min
 Lab File: BG041143.D
 Acq: 8 Jun 2019 21:13

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

Tot Ion	Ratio	Lower	Upper
167	100		
166	22.8	18.2	27.4
139	13.6	10.8	16.2

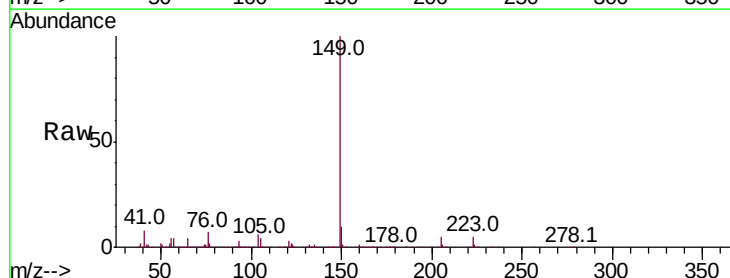


Abundance Ion 167.00 (166.70 to 167.70): E
 Ion 166.00 (165.70 to 166.70): E
 Ion 139.00 (138.70 to 139.70): E

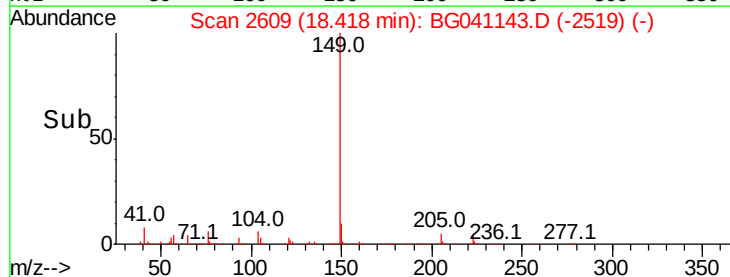
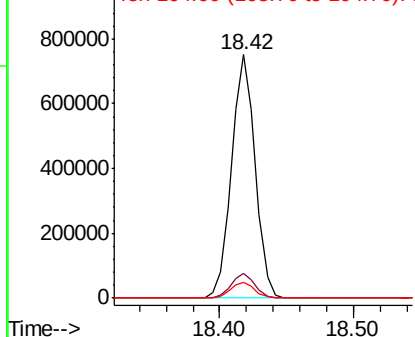


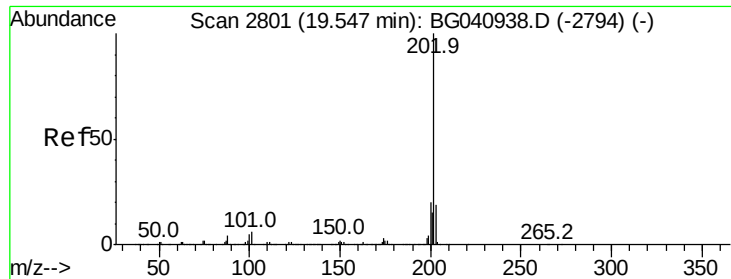
#74
 Di-n-butylphthalate
 Concen: 49.369 ng
 RT: 18.42 min Scan# 2609
 Delta R.T. 0.00 min
 Lab File: BG041143.D
 Acq: 8 Jun 2019 21:13

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.1	7.4	11.2
104	6.5	5.0	7.4



Abundance Ion 149.00 (148.70 to 149.70): E
 Ion 150.00 (149.70 to 150.70): E
 Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 51.641 ng

RT: 19.53 min Scan# 2798

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

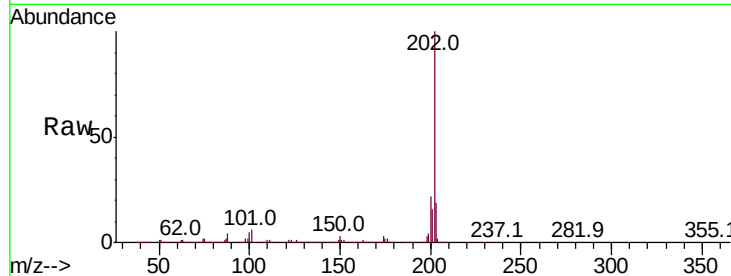
Tot Ion:202 Resp: 1141440

Ion Ratio Lower Upper

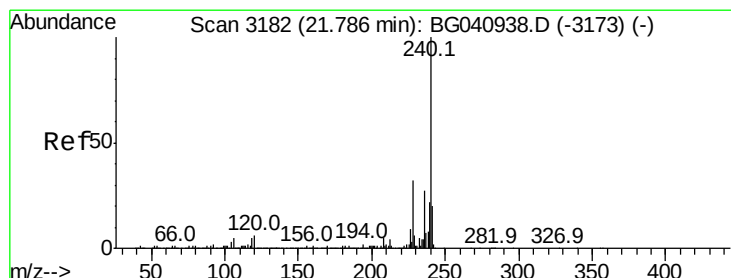
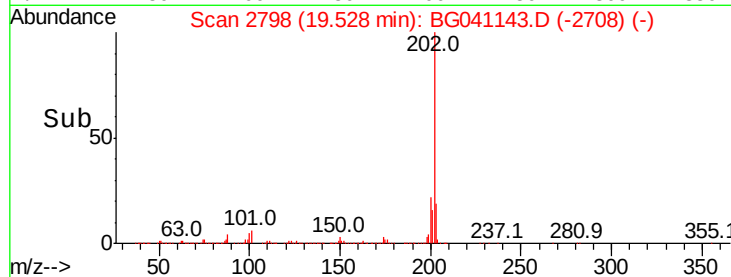
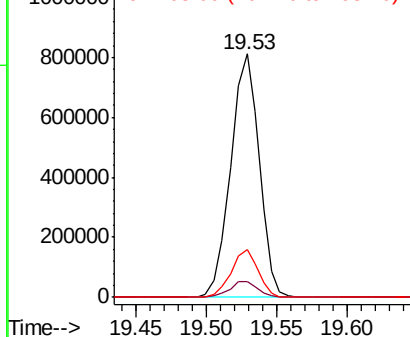
202 100

101 6.4 0.0 26.2

203 19.5 0.0 38.7



Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



#76

Chrysene-d12

Concen: 20.000 ng

RT: 21.76 min Scan# 3178

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

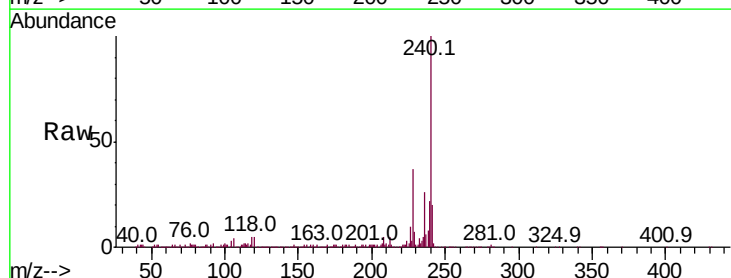
Tgt Ion:240 Resp: 341362

Ion Ratio Lower Upper

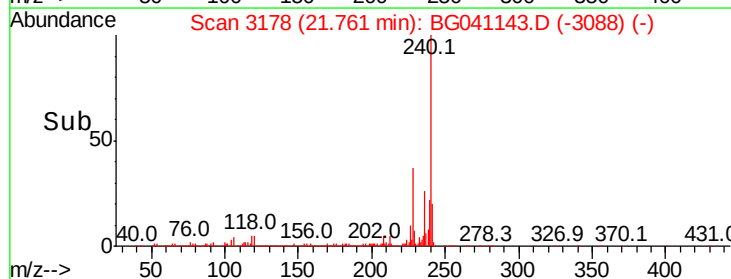
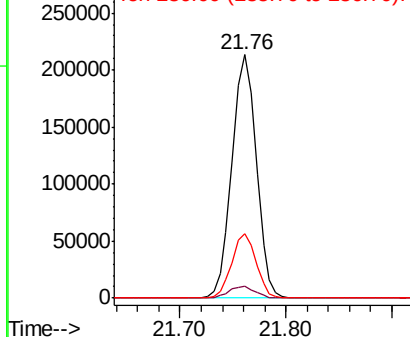
240 100

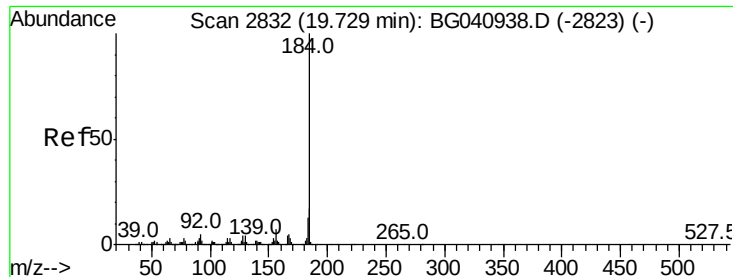
120 5.0 4.5 6.7

236 26.4 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: 45.120 ng

RT: 19.71 min Scan# 2829

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

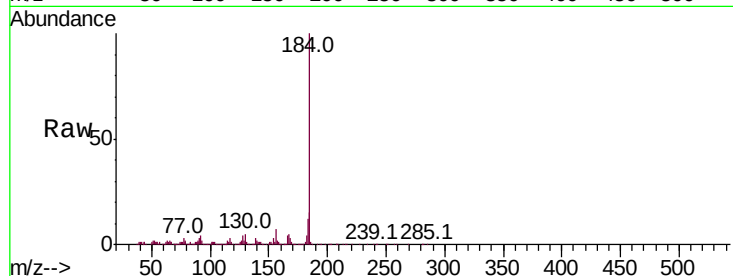
BNA_G

ClientSampleId :

FK-PS-01-047MSD

Tot Ion:184 Resp: 367429

Ion	Ratio	Lower	Upper
184	100		
185	14.5	13.3	19.9
183	11.8	10.7	16.1

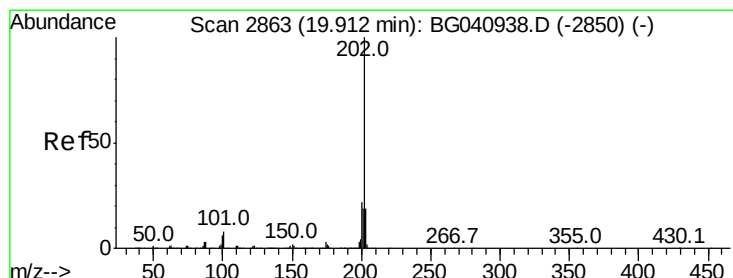
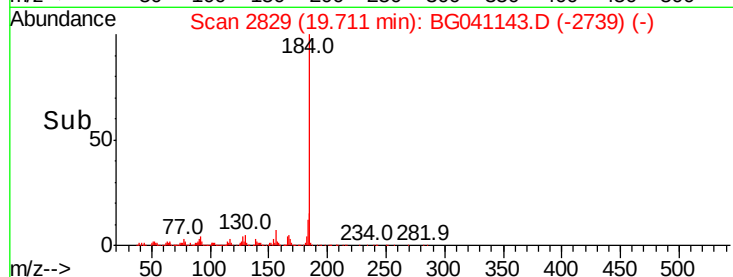
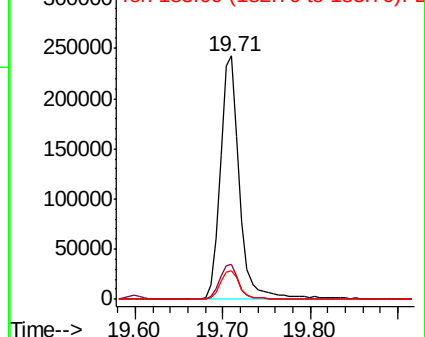


Abundance

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: 51.074 ng

RT: 19.89 min Scan# 2860

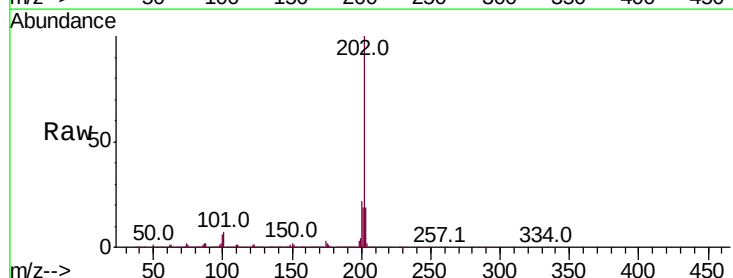
Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Tgt Ion:202 Resp: 1133379

Ion	Ratio	Lower	Upper
202	100		
200	21.8	17.5	26.3
203	19.2	15.6	23.4

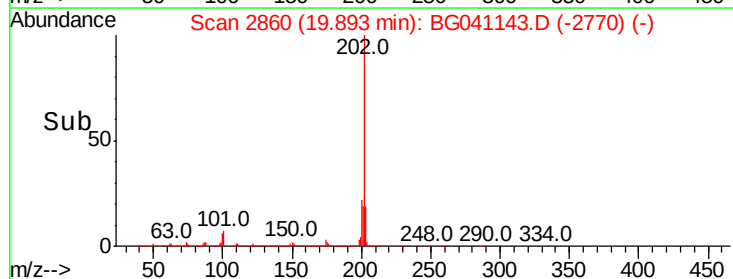
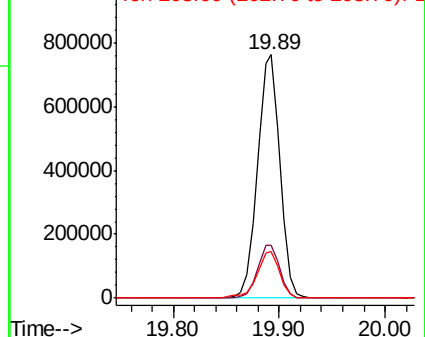


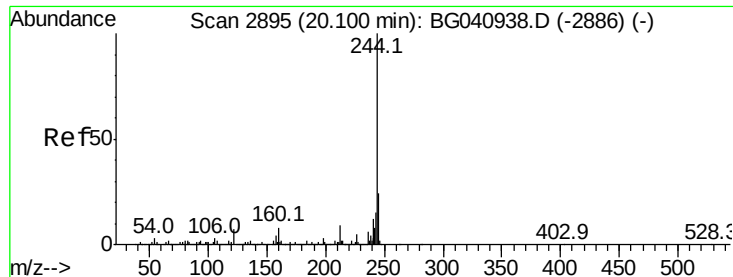
Abundance

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: 86.759 ng

RT: 20.07 min Scan# 2891

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

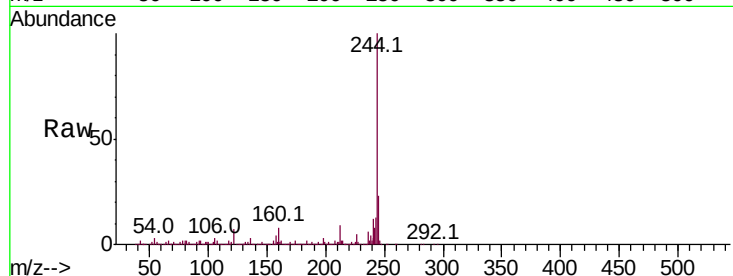
Tot Ion:244 Resp: 1395452

Ion Ratio Lower Upper

244 100

212 9.0 7.0 10.4

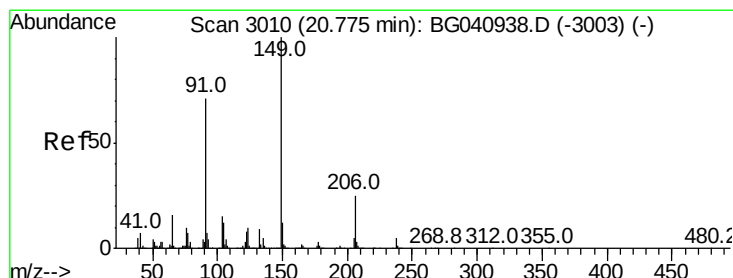
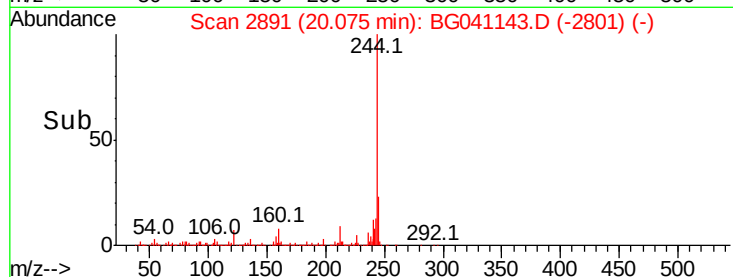
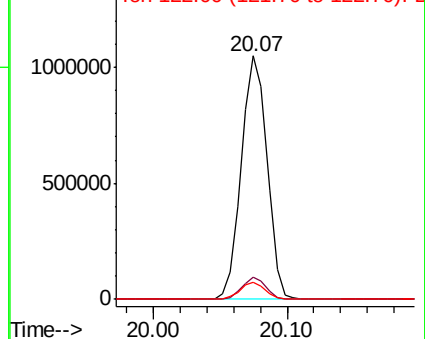
122 7.2 5.4 8.0



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: 50.816 ng

RT: 20.76 min Scan# 3007

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

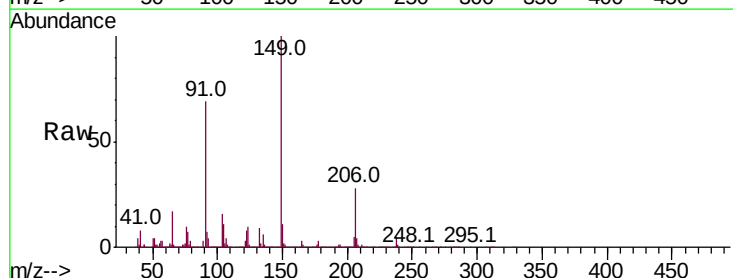
Tgt Ion:149 Resp: 438834

Ion Ratio Lower Upper

149 100

91 69.2 56.5 84.7

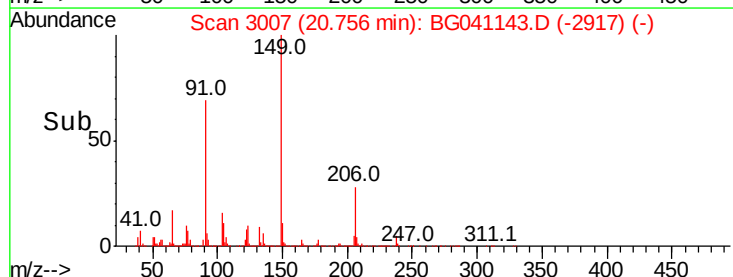
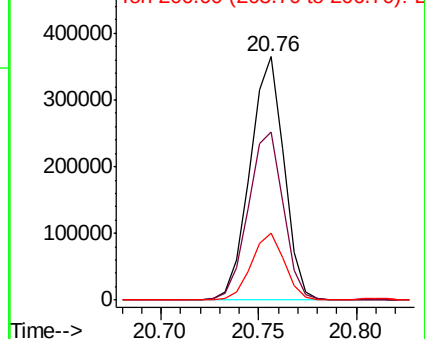
206 27.6 20.3 30.5

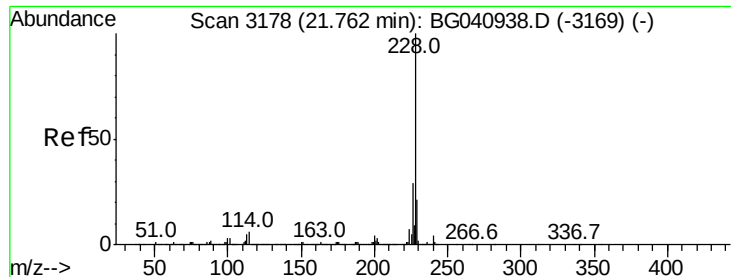


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 48.602 ng

RT: 21.74 min Scan# 3174

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

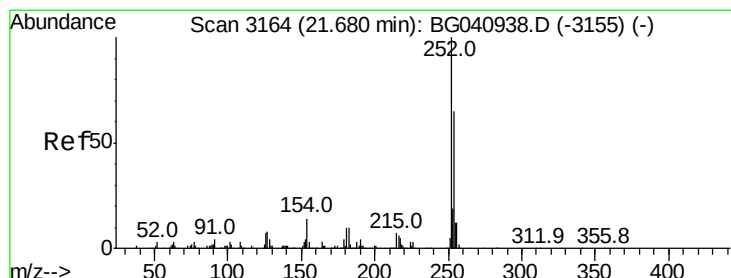
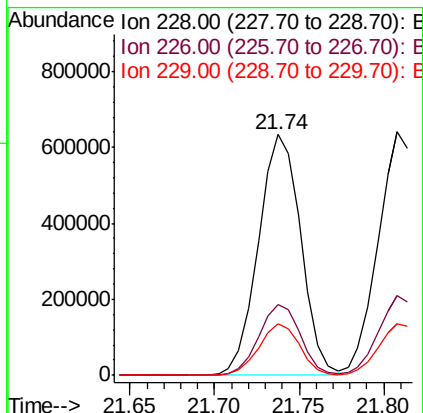
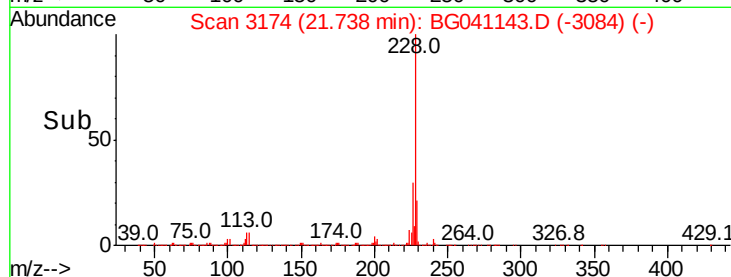
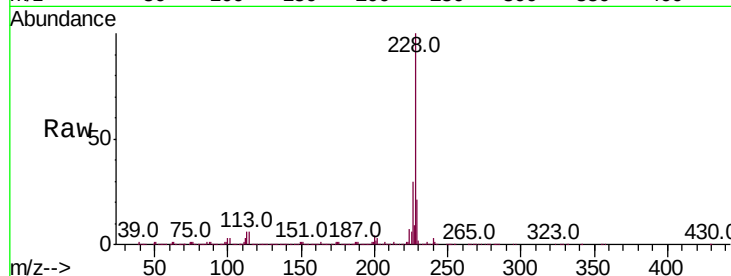
BNA_G

ClientSampleId :

FK-PS-01-047MSD

Tot Ion:228 Resp: 1104386

Ion	Ratio	Lower	Upper
228	100		
226	29.7	23.5	35.3
229	21.3	16.7	25.1



#82

3,3'-Dichlorobenzidine

Concen: 25.308 ng

RT: 21.66 min Scan# 3160

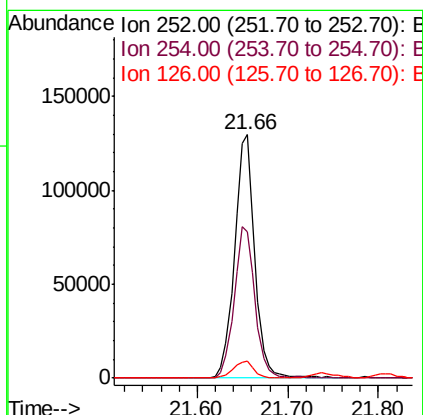
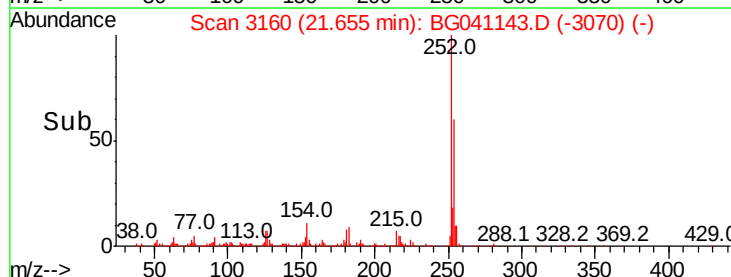
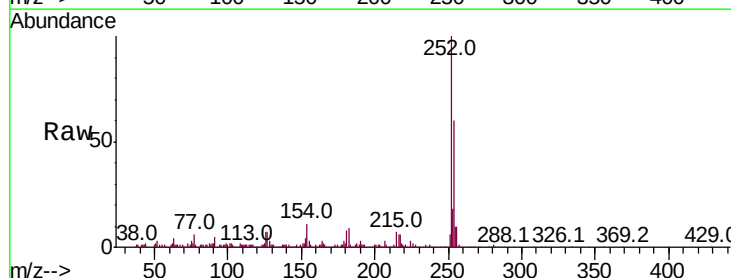
Delta R.T. 0.00 min

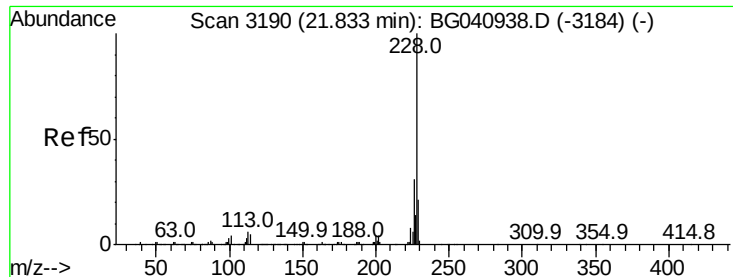
Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Tgt Ion:252 Resp: 202267

Ion	Ratio	Lower	Upper
252	100		
254	60.3	52.1	78.1
126	7.0	5.5	8.3



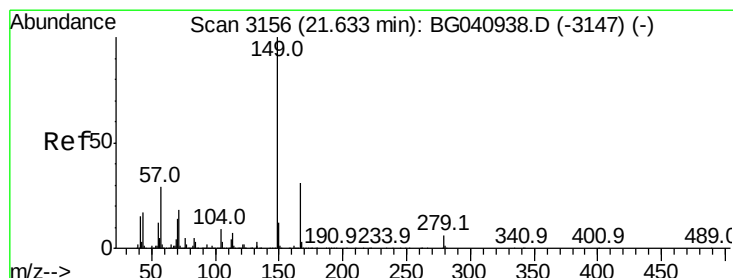
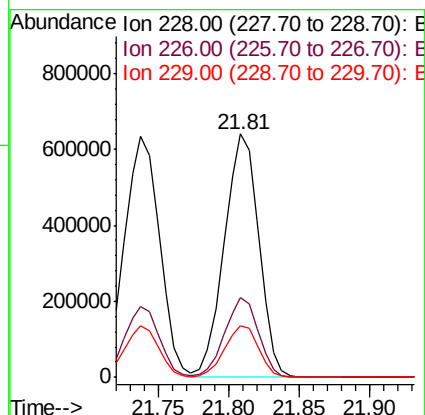
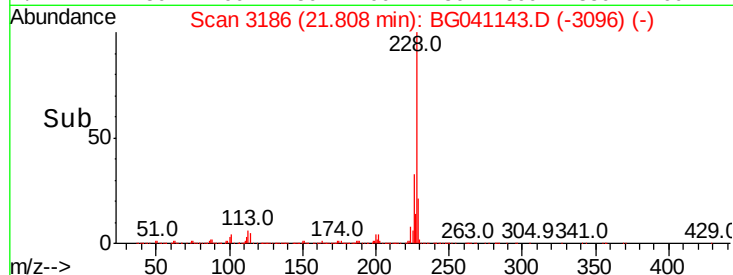
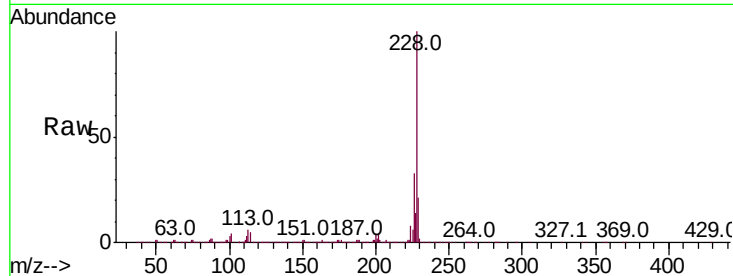


#83
 Chrysene
 Concen: 50.054 ng
 RT: 21.81 min Scan# 3186
 Delta R.T. 0.00 min
 Lab File: BG041143.D
 Acq: 8 Jun 2019 21:13

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

Tot Ion:228 Resp: 1088435

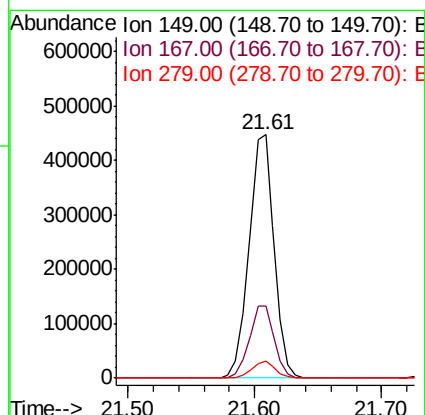
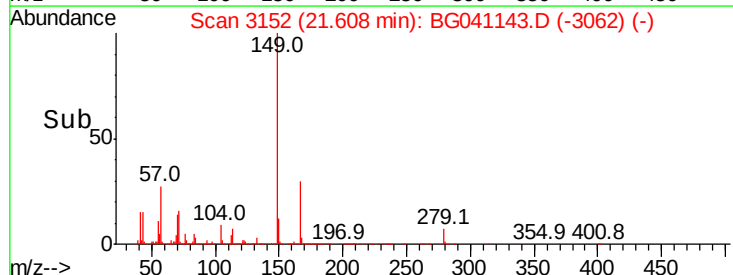
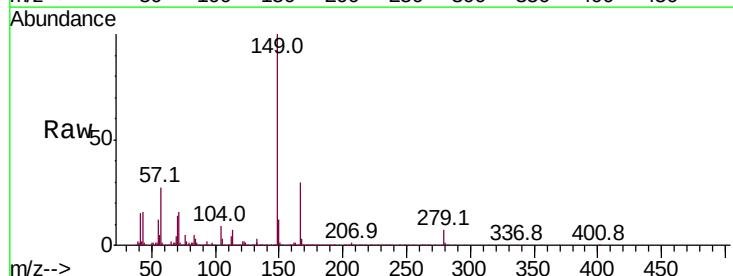
Ion	Ratio	Lower	Upper
228	100		
226	32.7	24.6	37.0
229	21.3	16.6	24.8

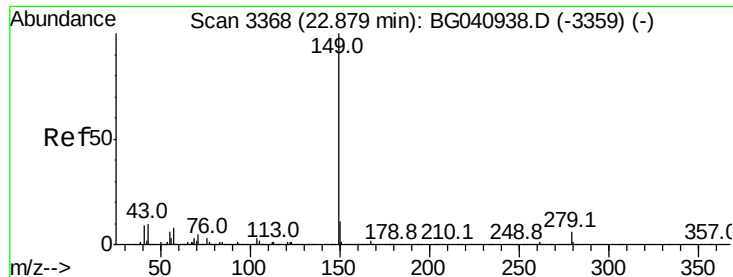


#84
 Bis(2-ethylhexyl)phthalate
 Concen: 50.393 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. 0.00 min
 Lab File: BG041143.D
 Acq: 8 Jun 2019 21:13

Tgt Ion:149 Resp: 612604

Ion	Ratio	Lower	Upper
149	100		
167	29.8	24.6	37.0
279	6.9	5.0	7.6

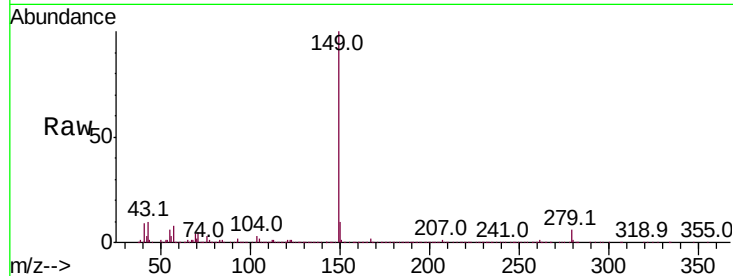




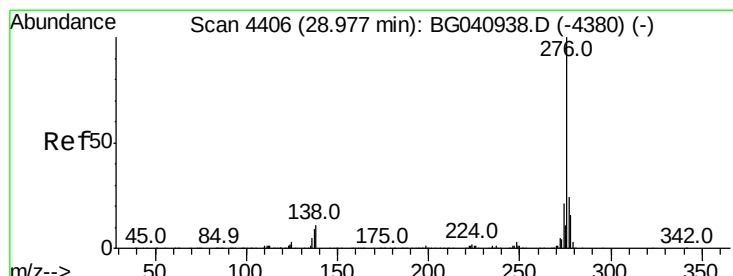
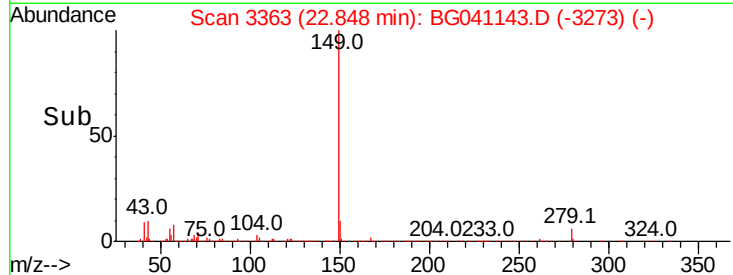
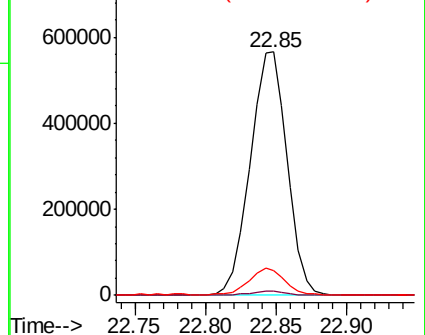
#85
Di-n-octyl phthalate
Concen: 50.911 ng
RT: 22.85 min Scan# 3363
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

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

Tot Ion:149 Resp: 1030764
Ion Ratio Lower Upper
149 100
167 1.8 1.4 2.0
43 10.2 8.1 12.1

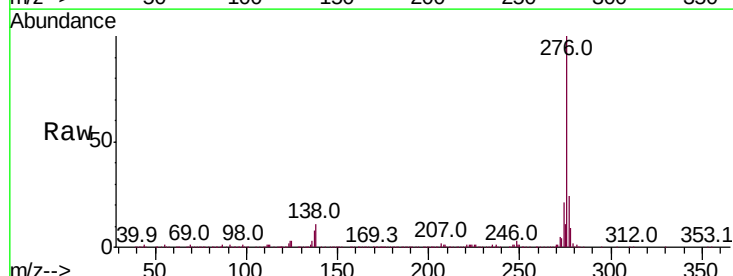


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

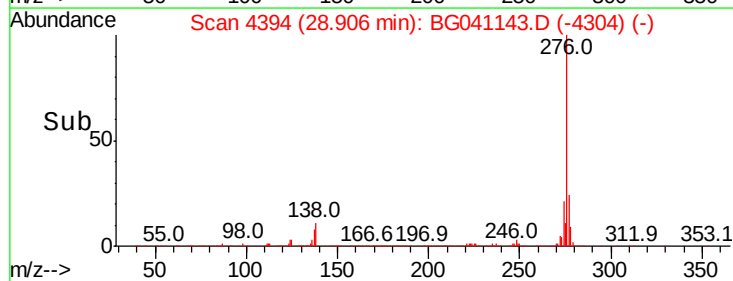
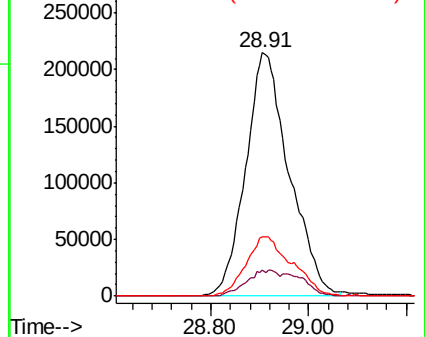


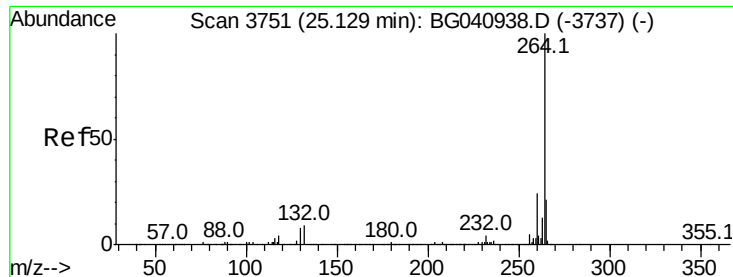
#86
Indeno(1,2,3-cd)pyrene
Concen: 49.992 ng
RT: 28.91 min Scan# 4394
Delta R.T. 0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

Tgt Ion:276 Resp: 1331652
Ion Ratio Lower Upper
276 100
138 5.0 5.7 8.5#
277 25.9 20.8 31.2



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



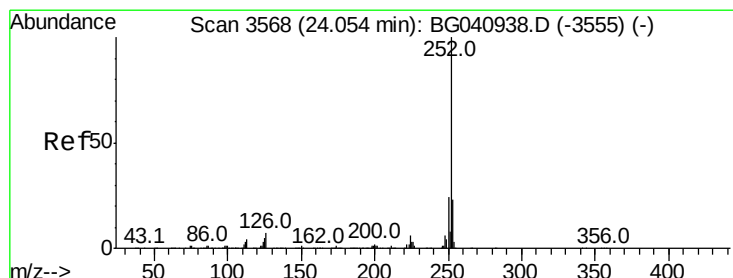
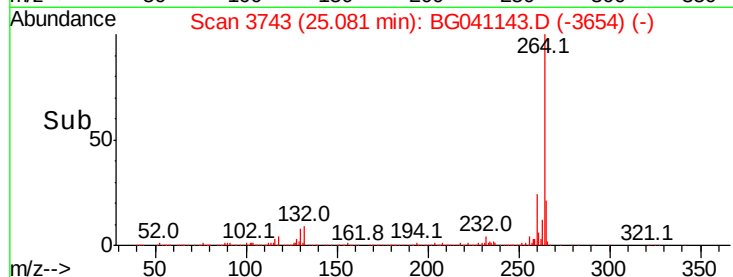
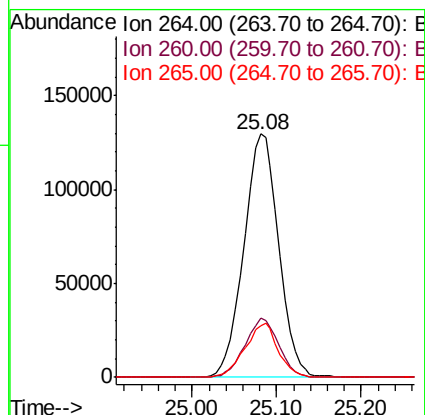
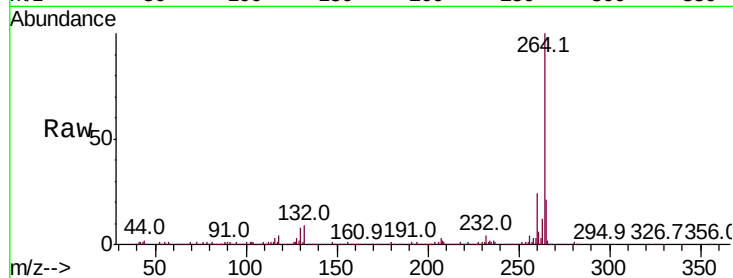


#87
Pervlene-d12
Concen: 20.000 ng
RT: 25.08 min Scan# 3743
Delta R.T. -0.00 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

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

Tot Ion:264 Resp: 370575

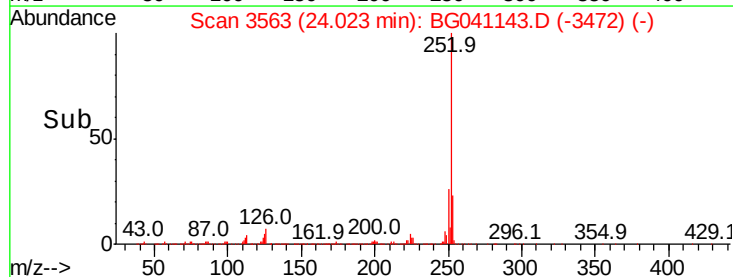
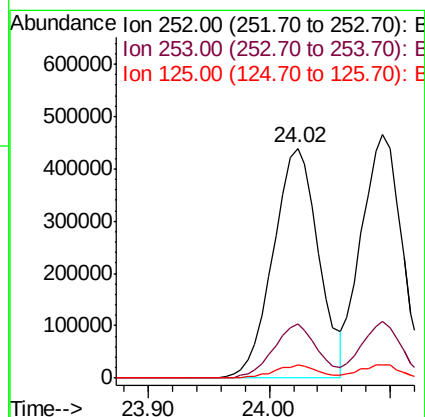
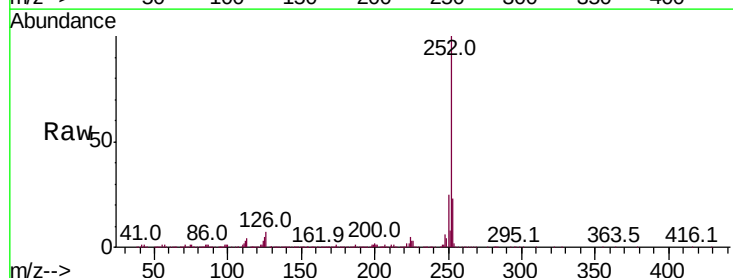
Ion	Ratio	Lower	Upper
264	100		
260	24.4	19.0	28.4
265	21.3	17.0	25.4

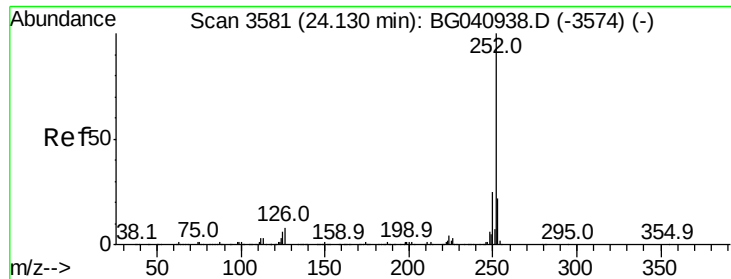


#88
Benzo(b)fluoranthene
Concen: 50.821 ng
RT: 24.02 min Scan# 3563
Delta R.T. 0.01 min
Lab File: BG041143.D
Acq: 8 Jun 2019 21:13

Tgt Ion:252 Resp: 1142289

Ion	Ratio	Lower	Upper
252	100		
253	23.4	18.4	27.6
125	5.5	4.3	6.5





#89

Benzo(k)fluoranthene

Concen: 48.518 ng

RT: 24.09 min Scan# 3575

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

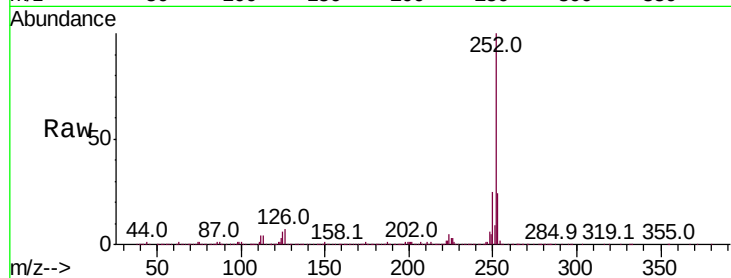
Tot Ion:252 Resp: 1079152

Ion Ratio Lower Upper

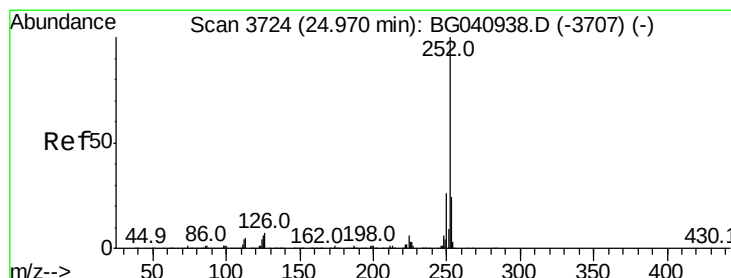
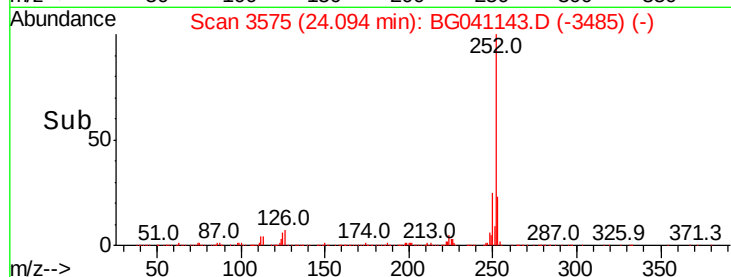
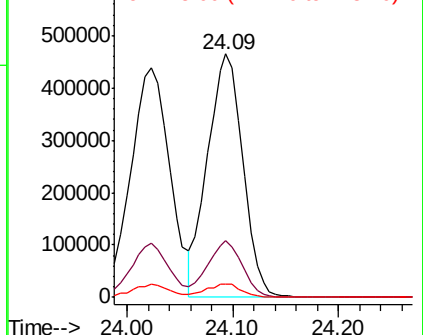
252 100

253 23.5 17.8 26.6

125 5.7 4.7 7.1



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



#90

Benzo(a)pyrene

Concen: 51.304 ng

RT: 24.93 min Scan# 3717

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

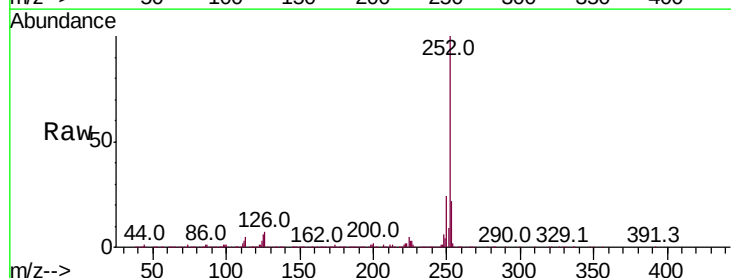
Tgt Ion:252 Resp: 1100186

Ion Ratio Lower Upper

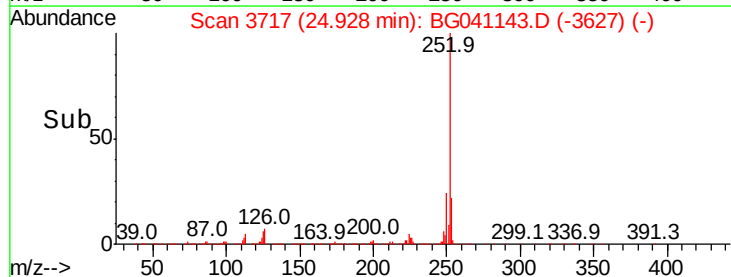
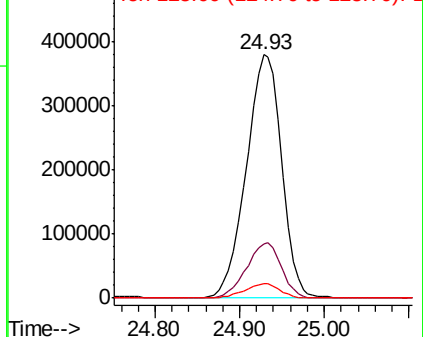
252 100

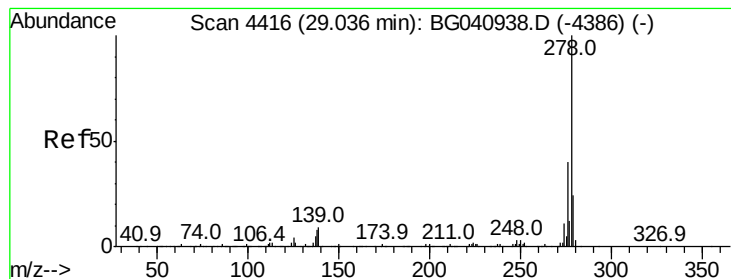
253 22.2 19.5 29.3

125 5.7 5.1 7.7



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





#91

Dibenzo(a,h)anthracene

Concen: 51.597 ng

RT: 28.98 min Scan# 4406

Delta R.T. 0.01 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

Instrument :

BNA_G

ClientSampleId :

FK-PS-01-047MSD

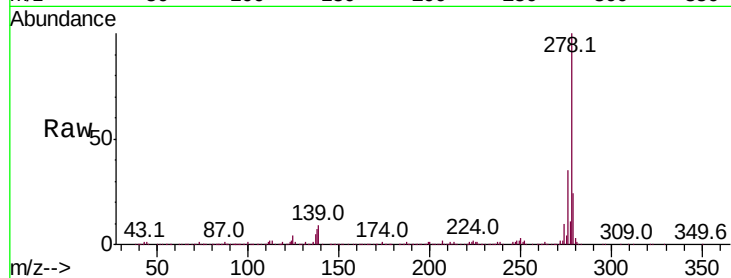
Tot Ion:278 Resp: 1105584

Ion Ratio Lower Upper

278 100

139 8.8 7.1 10.7

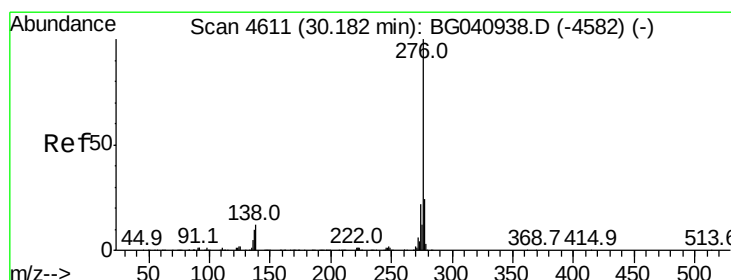
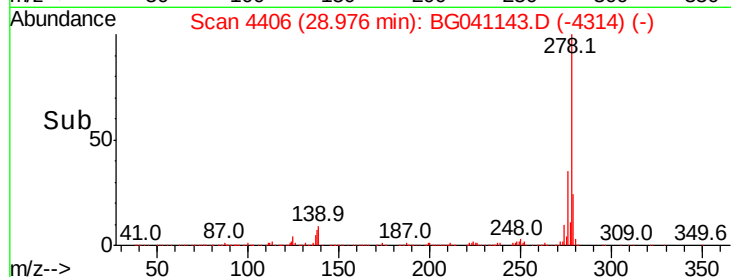
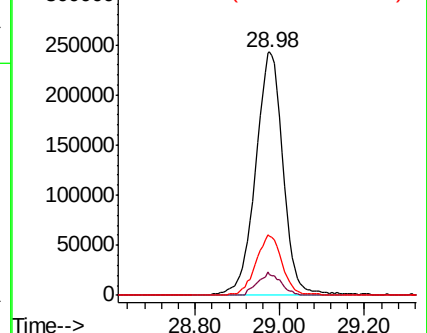
279 24.1 19.4 29.2



Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92

Benzo(g,h,i)perylene

Concen: 51.871 ng

RT: 30.12 min Scan# 4600

Delta R.T. 0.00 min

Lab File: BG041143.D

Acq: 8 Jun 2019 21:13

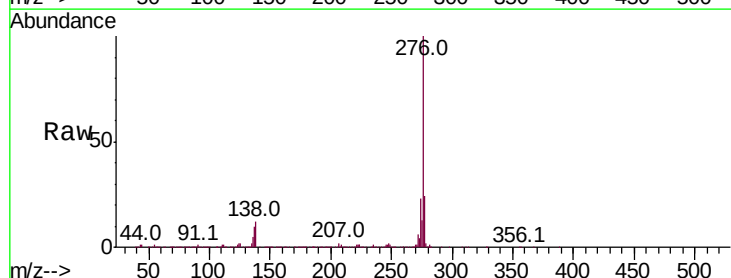
Tgt Ion:276 Resp: 1079807

Ion Ratio Lower Upper

276 100

277 24.0 19.4 29.0

138 11.6 9.7 14.5



Abundance Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

