

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062920\
 Data File : BG045878.D
 Acq On : 29 Jun 2020 16:15
 Operator : CG/JU
 Sample : PB129825BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB129825BSD

Quant Time: Jun 29 17:10:32 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG061520.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 15:44:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.91	152	43204	20.00	ng	0.00
21) Naphthalene-d8	10.72	136	173556	20.00	ng	0.00
39) Acenaphthene-d10	14.57	164	128453	20.00	ng	0.00
64) Phenanthrene-d10	17.32	188	314267	20.00	ng	0.00
76) Chrysene-d12	21.58	240	314012	20.00	ng	0.00
86) Perylene-d12	24.70	264	332450	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.51	112	325037	127.09	ng	0.00
7) Phenol-d6	7.13	99	458619	117.89	ng	0.00
23) Nitrobenzene-d5	9.07	82	301295	79.31	ng	0.00
42) 2,4,6-Tribromophenol	16.06	330	230698	118.96	ng	0.00
45) 2-Fluorobiphenyl	13.19	172	684676	78.33	ng	0.00
79) Terphenyl-d14	19.93	244	1308132	84.43	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.35	88	38482	32.851	ng	95
3) Pyridine	3.76	79	110131	31.727	ng	98
4) n-Nitrosodimethylamine	3.67	42	48894	41.963	ng	99
6) Aniline	7.24	93	149790	32.700	ng	98
8) 2-Chlorophenol	7.49	128	118450	43.267	ng	96
9) Benzaldehyde	7.05	77	53646	22.958	ng	96
10) Phenol	7.16	94	160513	42.582	ng	97
11) bis(2-Chloroethyl)ether	7.33	93	108163	37.778	ng	98
12) 1,3-Dichlorobenzene	7.81	146	127629	39.121	ng	95
13) 1,4-Dichlorobenzene	7.95	146	127952	39.265	ng	94
14) 1,2-Dichlorobenzene	8.27	146	120516	38.631	ng	97
15) Benzyl Alcohol	8.16	79	120332	39.970	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.44	45	105979	39.274	ng	79
17) 2-Methylphenol	8.40	107	107898	38.463	ng	95
18) Hexachloroethane	9.00	117	50208	40.567	ng	98
19) n-Nitroso-di-n-propylamine	8.72	70	102917	40.239	ng	# 96
20) 3+4-Methylphenols	8.73	107	144103	39.059	ng	# 84
22) Acetophenone	8.74	105	184395	38.709	ng	94
24) Nitrobenzene	9.12	77	158482	39.124	ng	98
25) Isophorone	9.64	82	281259	38.242	ng	98
26) 2-Nitrophenol	9.83	139	68364	40.510	ng	96
27) 2,4-Dimethylphenol	9.92	122	111497	43.274	ng	90
28) bis(2-Chloroethoxy)methane	10.13	93	151627	39.468	ng	99
29) 2,4-Dichlorophenol	10.40	162	124045	41.265	ng	96
30) 1,2,4-Trichlorobenzene	10.58	180	136874	38.462	ng	97
31) Naphthalene	10.77	128	370514	39.049	ng	99
32) Benzoic acid	10.11	122	67390	41.764	ng	93
33) 4-Chloroaniline	10.89	127	94560	23.798	ng	98
34) Hexachlorobutadiene	11.06	225	94602	37.379	ng	96
35) Caprolactam	11.66	113	20570	21.146	ng	# 88
36) 4-Chloro-3-methylphenol	12.05	107	148448	42.770	ng	99
37) 2-Methylnaphthalene	12.38	142	285496	40.407	ng	98
38) 1-Methylnaphthalene	12.60	142	273554	40.913	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.76	216	159482	37.706	ng	99

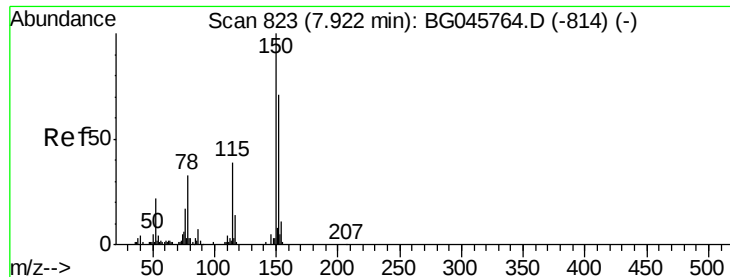
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG062920\
 Data File : BG045878.D
 Acq On : 29 Jun 2020 16:15
 Operator : CG/JU
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Jun 25 15:44:32 2020
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.73	237	173685	74.936	nq	99
43) 2,4,6-Trichlorophenol	13.01	196	107177	37.374	nq	99
44) 2,4,5-Trichlorophenol	13.10	196	115195	35.245	nq	97
46) 1,1'-Biphenyl	13.39	154	361653	39.325	nq	98
47) 2-Chloronaphthalene	13.44	162	274994	37.017	nq	95
48) 2-Nitroaniline	13.65	65	99516	40.272	nq	97
49) Acenaphthylene	14.28	152	464073	39.001	nq	99
50) Dimethylphthalate	14.02	163	399878	39.738	nq	100
51) 2,6-Dinitrotoluene	14.14	165	89850	39.754	nq	94
52) Acenaphthene	14.63	154	282824	39.212	nq	96
53) 3-Nitroaniline	14.48	138	65306	28.928	nq	96
54) 2,4-Dinitrophenol	14.70	184	103419	81.989	nq	98
55) Dibenzofuran	14.97	168	462973	39.513	nq	100
56) 4-Nitrophenol	14.85	139	110345	68.807	nq	97
57) 2,4-Dinitrotoluene	14.94	165	132319	40.860	nq	94
58) Fluorene	15.61	166	392111	40.246	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.21	232	116225	40.972	nq	99
60) Diethylphthalate	15.38	149	419622	40.791	nq	97
61) 4-Chlorophenyl-phenylether	15.61	204	214183	38.142	nq	98
62) 4-Nitroaniline	15.65	138	89974	38.833	nq	90
63) Azobenzene	15.90	77	406916	41.196	nq	99
65) 4,6-Dinitro-2-methylphenol	15.71	198	86162	44.364	nq	98
66) n-Nitrosodiphenylamine	15.82	169	349584	39.273	nq	99
67) 4-Bromophenyl-phenylether	16.50	248	152843	37.430	nq	97
68) Hexachlorobenzene	16.63	284	164222	38.783	nq	95
69) Atrazine	16.78	200	136836	39.616	nq	100
70) Pentachlorophenol	16.98	266	127232	62.746	nq	96
71) Phenanthrene	17.36	178	648692	40.023	nq	99
72) Anthracene	17.45	178	659297	40.849	nq	100
73) Carbazole	17.73	167	619796	40.330	nq	98
74) Di-n-butylphthalate	18.28	149	758953	41.709	nq	99
75) Fluoranthene	19.37	202	850033	42.650	nq	100
77) Benzidine	19.55	184	386857	47.389	nq	99
78) Pyrene	19.73	202	834752	39.698	nq	99
80) Butylbenzylphthalate	20.62	149	337682	38.366	nq	97
81) Benzo(a)anthracene	21.56	228	795569	39.078	nq	99
82) 3,3'-Dichlorobenzidine	21.48	252	220737	28.664	nq	97
83) Chrysene	21.62	228	772576	39.235	nq	99
84) Bis(2-ethylhexyl)phthalate	21.47	149	483989	39.533	nq	94
85) Di-n-octyl phthalate	22.64	149	839214	39.740	nq	100
87) Indeno(1,2,3-cd)pyrene	28.25	276	1013843	42.066	nq	100
88) Benzo(b)fluoranthene	23.72	252	883973	42.408	nq	98
89) Benzo(k)fluoranthene	23.78	252	831359	41.673	nq	97
90) Benzo(a)pyrene	24.55	252	791317	40.640	nq	98
91) Dibenzo(a,h)anthracene	28.31	278	825098	42.692	nq	99
92) Benzo(g,h,i)perylene	29.36	276	827299	42.767	nq	99

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

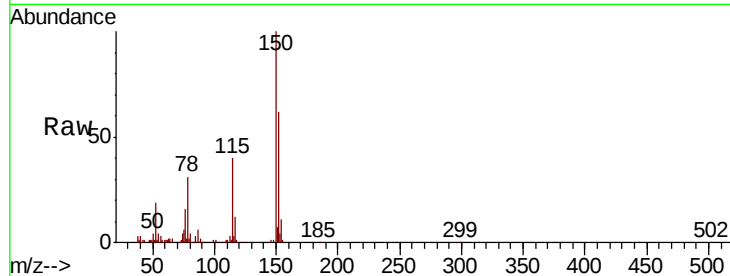


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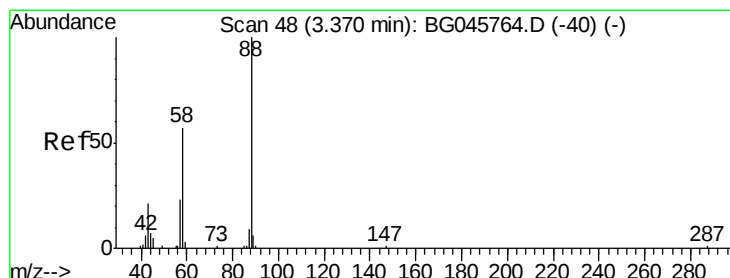
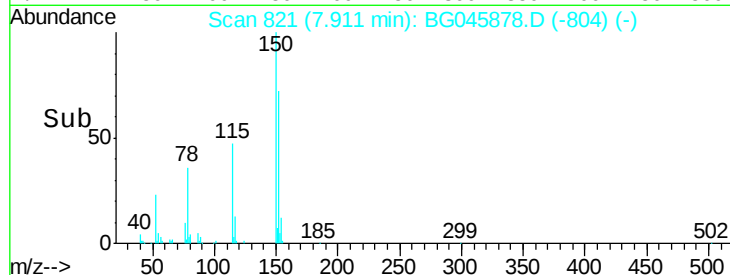
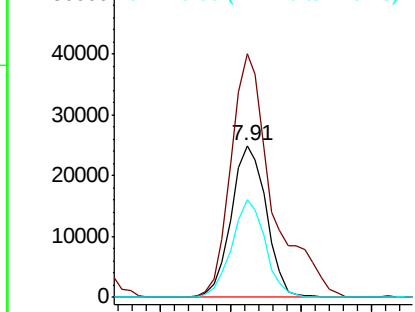
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.91 min Scan# 821
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion:152 Resp: 43204
Ion Ratio Lower Upper
152 100
150 160.4 113.1 169.7
115 64.8 43.8 65.6



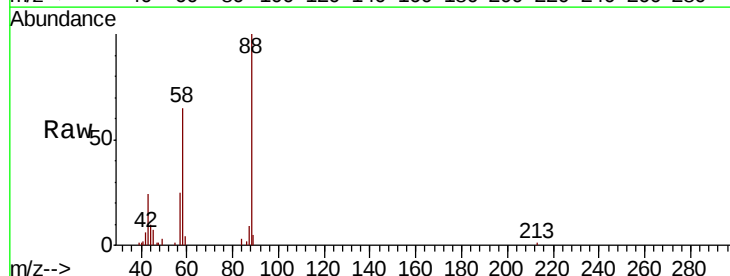
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



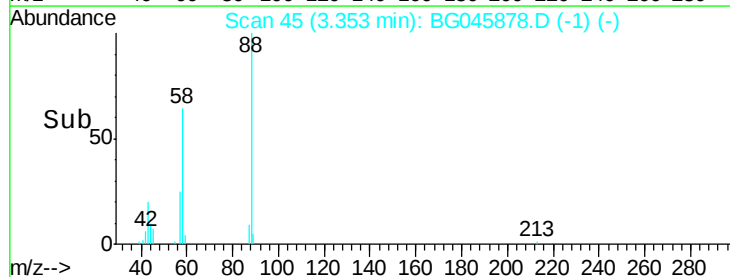
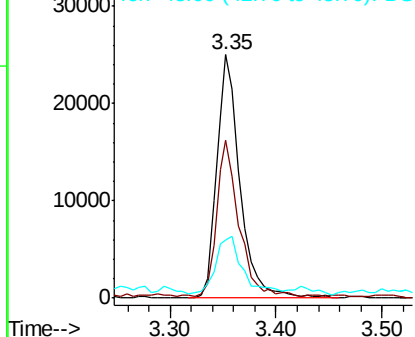
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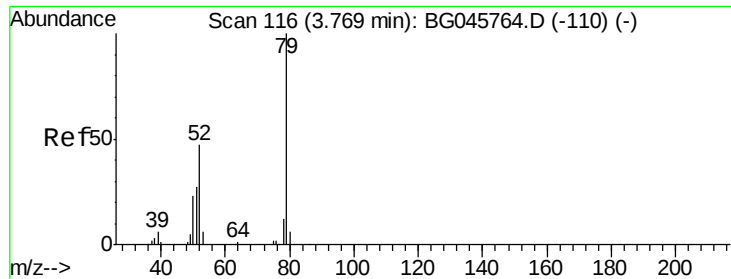
1,4-Dioxane
Concen: 32.851 ng
RT: 3.35 min Scan# 45
Delta R.T. -0.02 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion: 88 Resp: 38482
Ion Ratio Lower Upper
88 100
58 60.9 46.1 69.1
43 27.6 19.2 28.8



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





#3

Pvridine

Concen: 31.727 ng

RT: 3.76 min Scan# 114

Delta R.T. -0.01 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

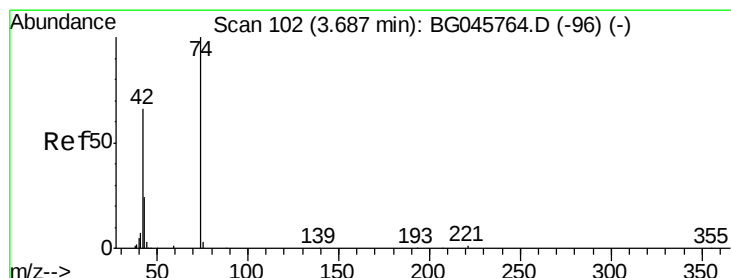
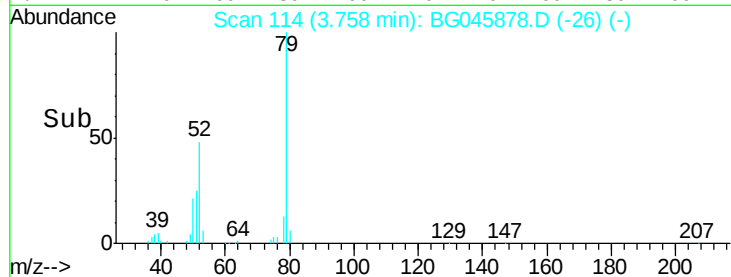
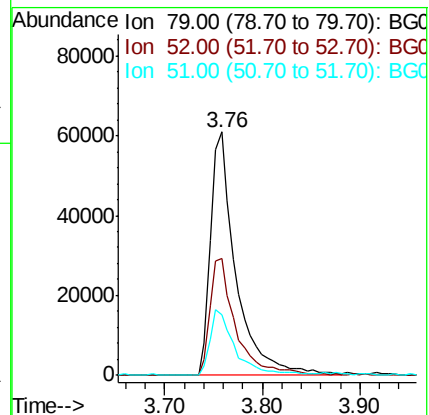
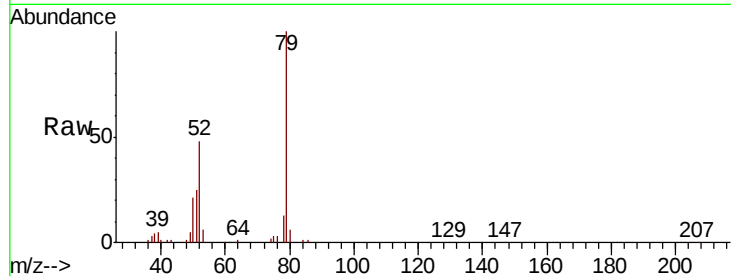
Tot Ion: 79 Resp: 110131

Ion Ratio Lower Upper

79 100

52 48.2 37.9 56.9

51 25.0 22.0 33.0



#4

n-Nitrosodimethylamine

Concen: 41.963 ng

RT: 3.67 min Scan# 99

Delta R.T. -0.02 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

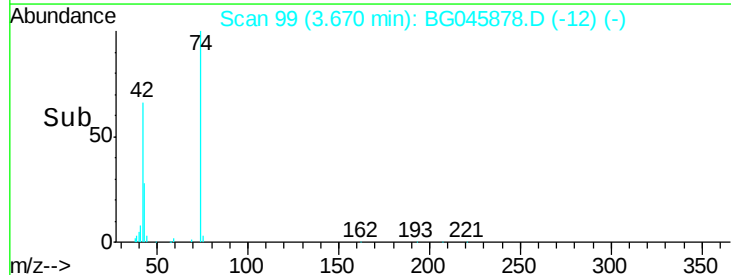
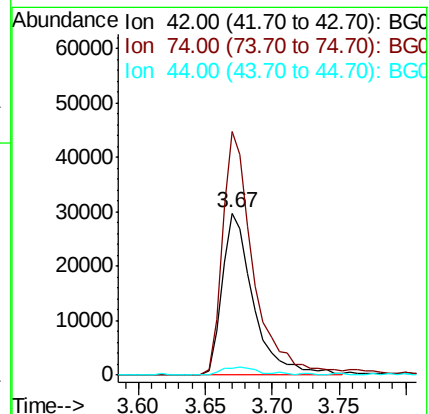
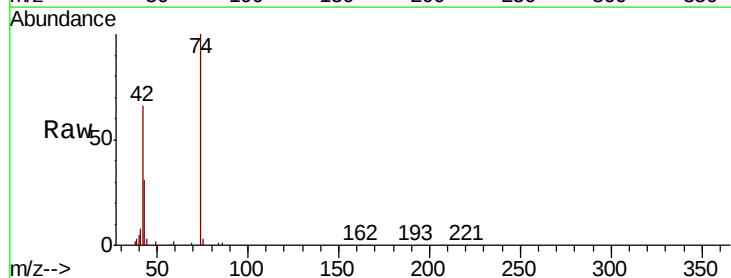
Tgt Ion: 42 Resp: 48894

Ion Ratio Lower Upper

42 100

74 150.5 121.0 181.4

44 4.0 3.5 5.3





#5

2-Fluorophenol

Concen: 127.086 ng

RT: 5.51 min Scan# 413

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

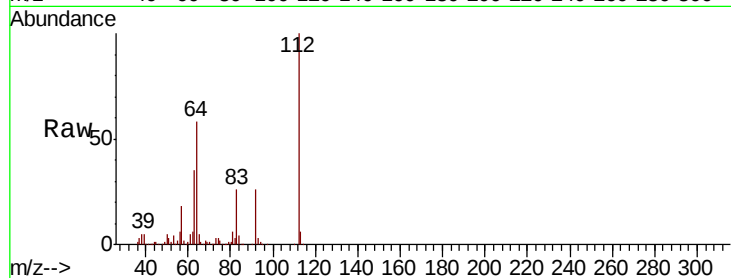
Tot Ion:112 Resp: 325037

Ion Ratio Lower Upper

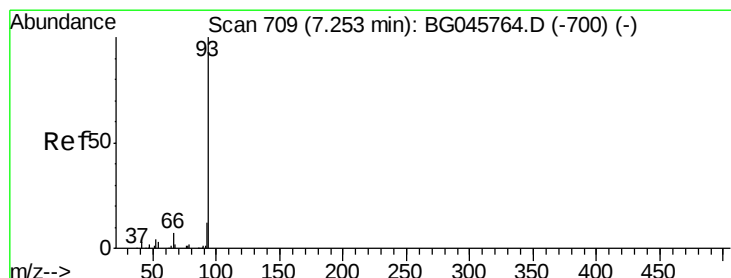
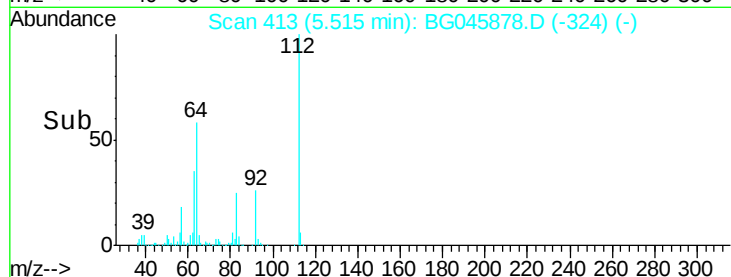
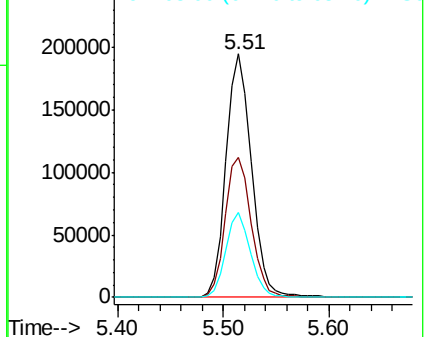
112 100

64 57.5 46.6 69.8

63 35.1 26.3 39.5



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: 32.700 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

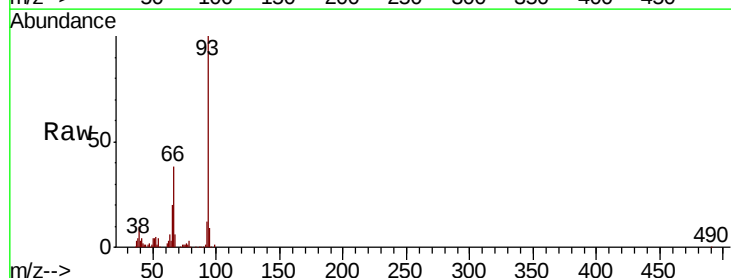
Tgt Ion: 93 Resp: 149790

Ion Ratio Lower Upper

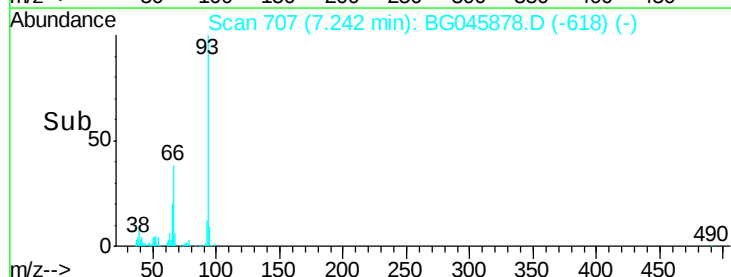
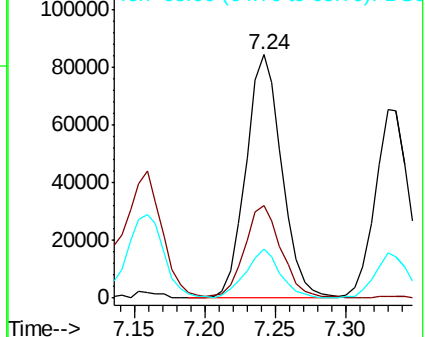
93 100

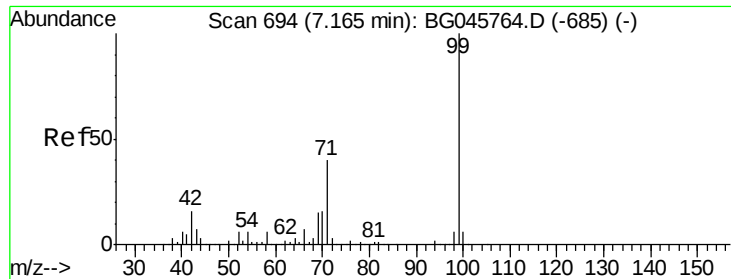
66 38.0 30.0 45.0

65 19.9 14.7 22.1



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: 117.886 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

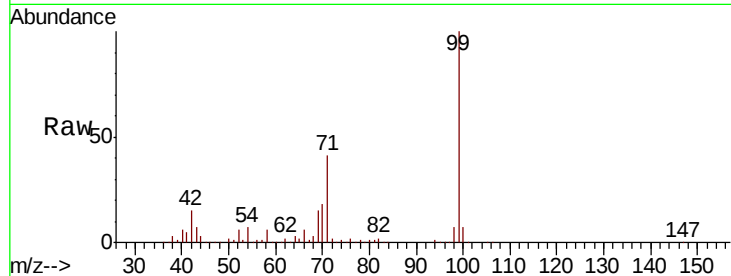
Tot Ion: 99 Resp: 458619

Ion Ratio Lower Upper

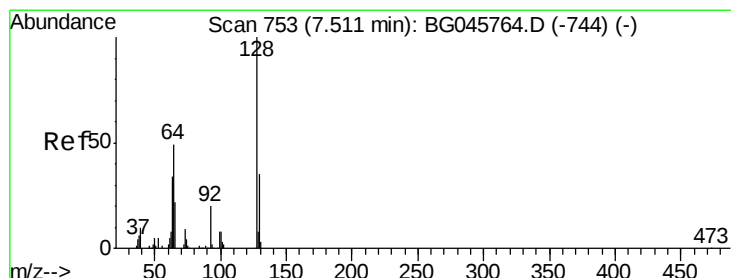
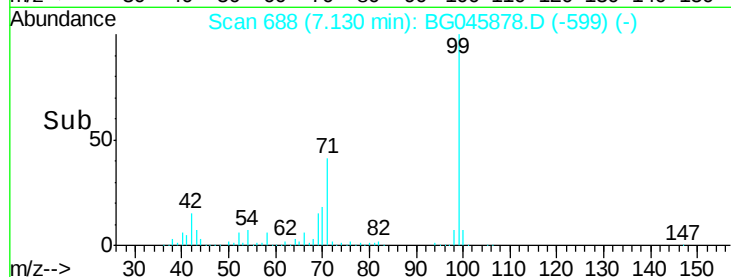
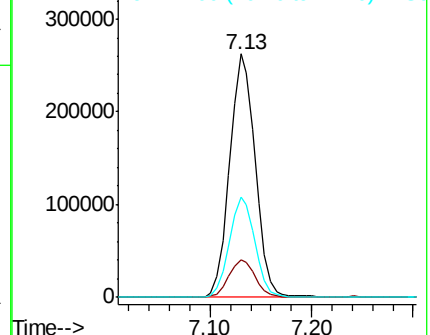
99 100

42 15.4 12.4 18.6

71 41.1 32.1 48.1



Abundance Ion 99.00 (98.70 to 99.70): BGC
Ion 42.00 (41.70 to 42.70): BGC
Ion 71.00 (70.70 to 71.70): BGC



#8

2-Chlorophenol

Concen: 43.267 ng

RT: 7.49 min Scan# 750

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

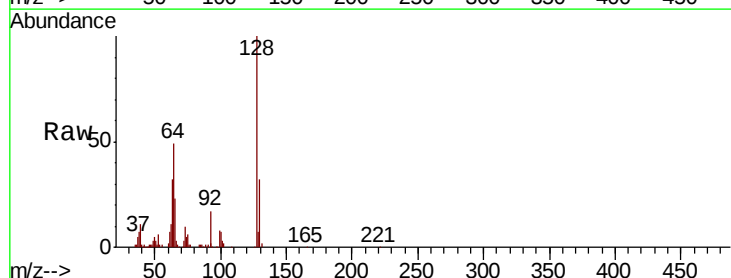
Tgt Ion:128 Resp: 118450

Ion Ratio Lower Upper

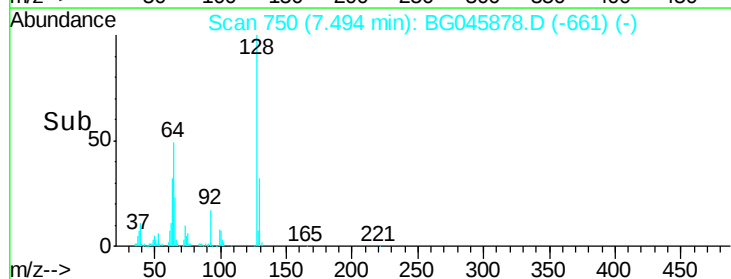
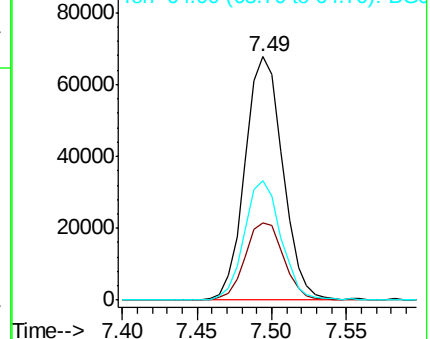
128 100

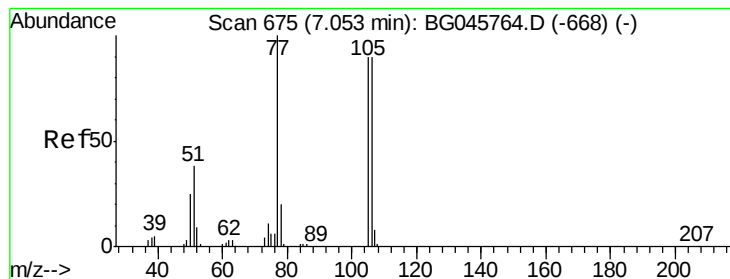
130 31.7 14.5 54.5

64 49.1 31.6 71.6



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





#9

Benzaldehyde

Concen: 22.958 ng

RT: 7.05 min Scan# 674

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

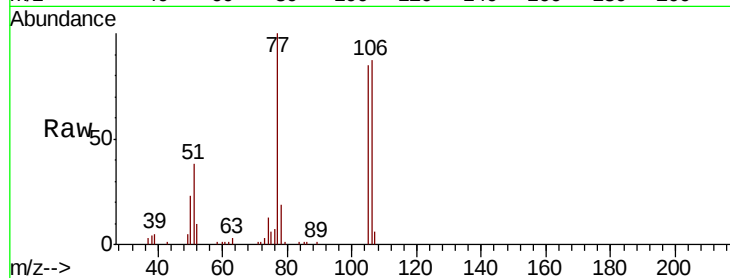
Tot Ion: 77 Resp: 53646

Ion Ratio Lower Upper

77 100

105 85.4 70.4 110.4

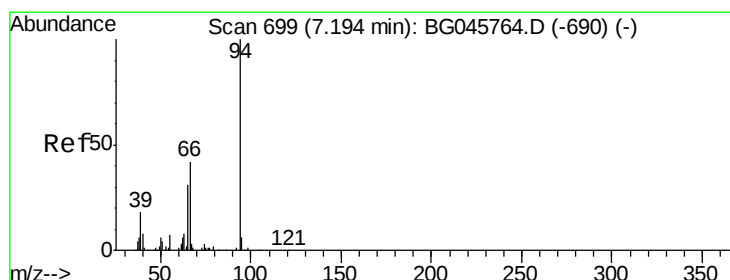
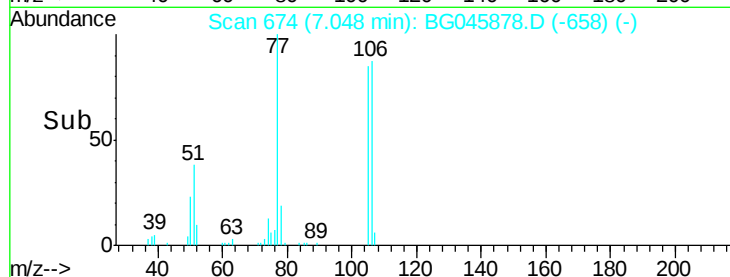
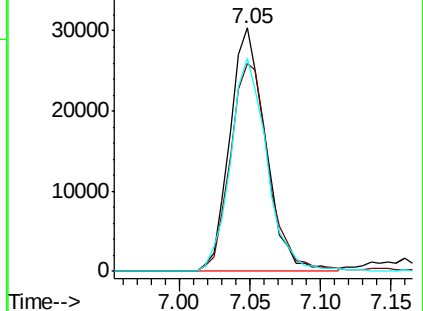
106 87.3 70.2 110.2



Abundance Ion 77.00 (76.70 to 77.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 42.582 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

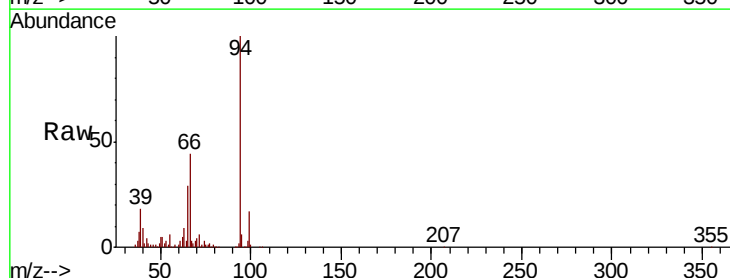
Tgt Ion: 94 Resp: 160513

Ion Ratio Lower Upper

94 100

65 29.1 10.7 50.7

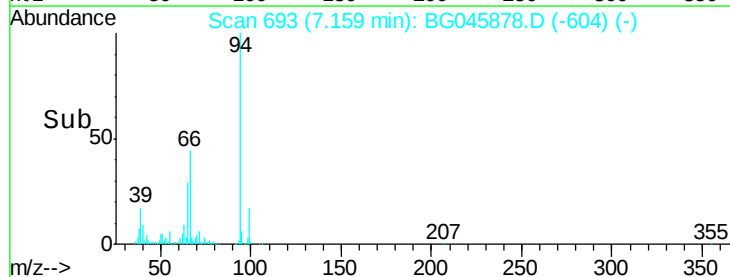
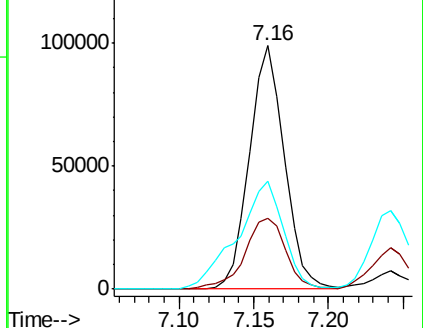
66 44.3 22.5 62.5

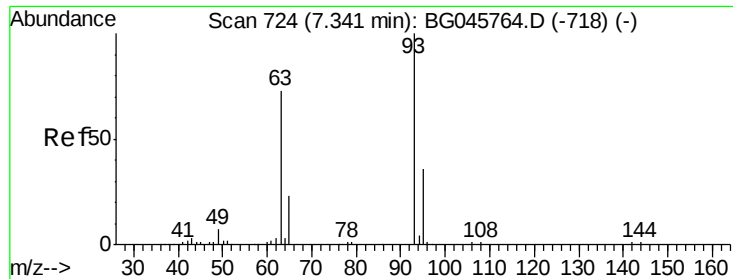


Abundance Ion 94.00 (93.70 to 94.70): BGC

Ion 65.00 (64.70 to 65.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

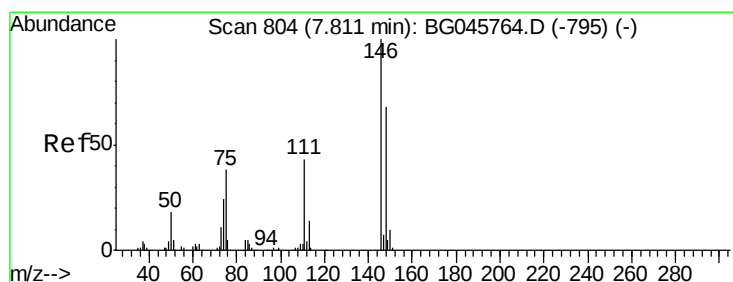
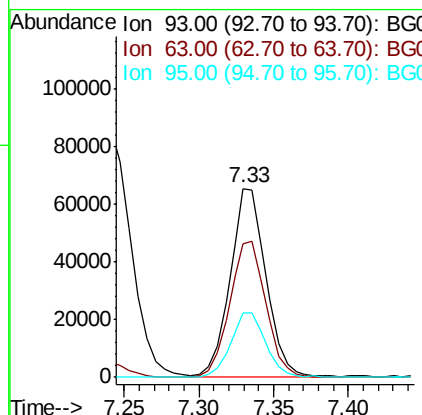
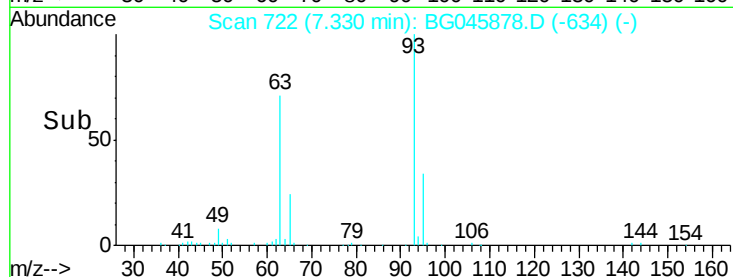
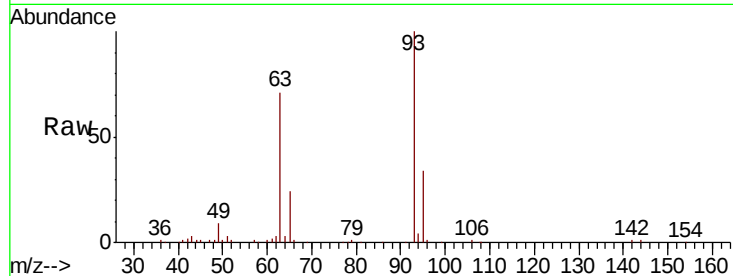




#11
bis(2-Chloroethyl)ether
Concen: 37.778 ng
RT: 7.33 min Scan# 722
Delta R.T. -0.01 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

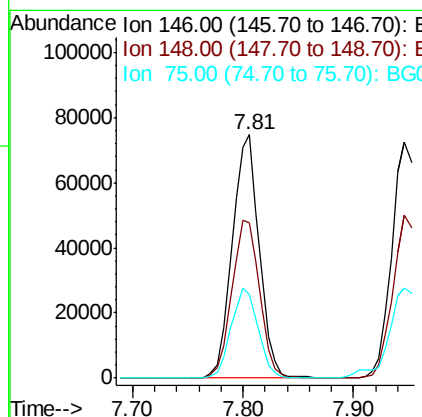
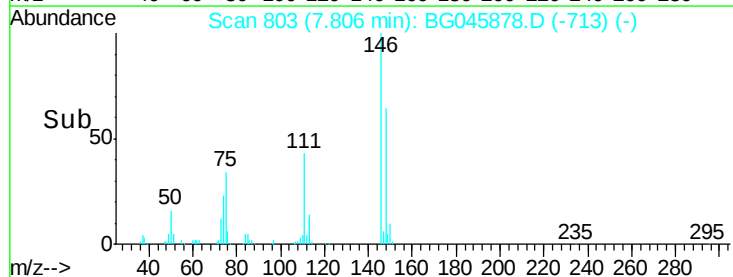
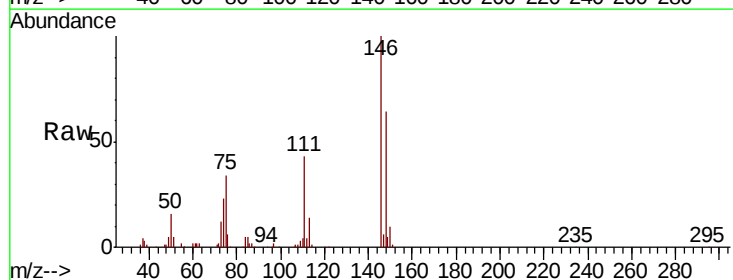
Instrument :
BNA_G
ClientSampleId :
PB129825BSD

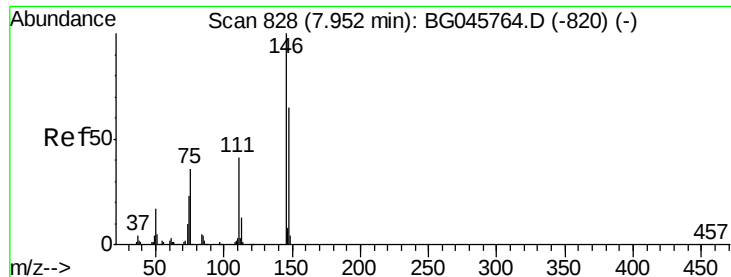
Tot Ion: 93 Resp: 108163
Ion Ratio Lower Upper
93 100
63 70.9 52.0 92.0
95 34.2 15.6 55.6



#12
1,3-Dichlorobenzene
Concen: 39.121 ng
RT: 7.81 min Scan# 803
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion: 146 Resp: 127629
Ion Ratio Lower Upper
146 100
148 63.9 54.2 81.4
75 34.2 30.1 45.1

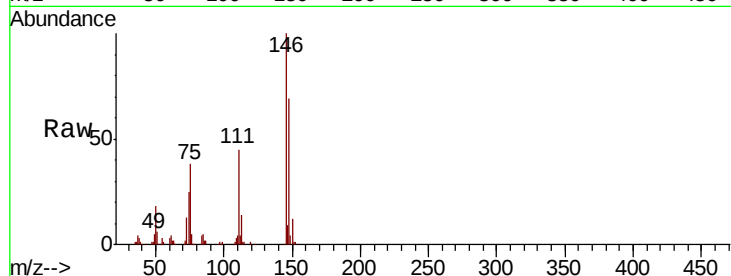




#13
 1,4-Dichlorobenzene
 Concen: 39.265 ng
 RT: 7.95 min Scan# 827
 Delta R.T. -0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Instrument :
 BNA_G
 ClientSampleId :
 PB129825BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	69.0	51.8	77.6
111	45.2	32.8	49.2

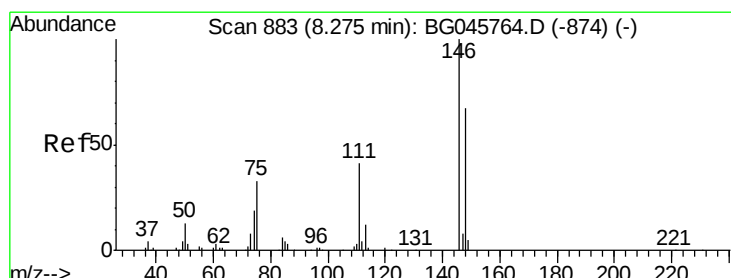
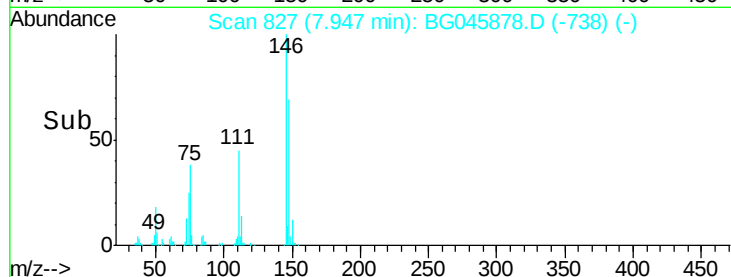
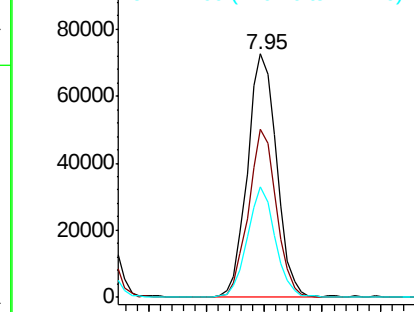


Abundance

Ion 146.00 (145.70 to 146.70): E

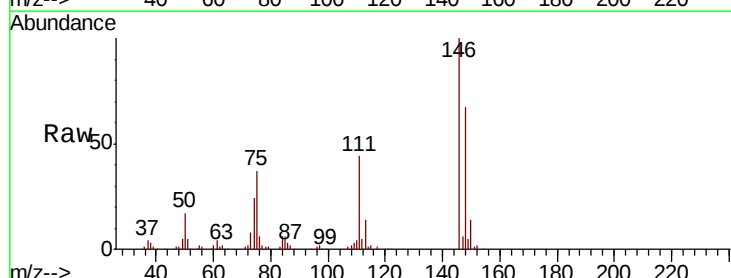
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 38.631 ng
 RT: 8.27 min Scan# 882
 Delta R.T. 0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.7	54.1	81.1
111	44.3	32.9	49.3

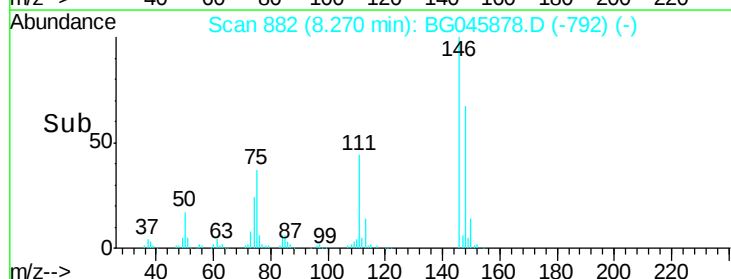
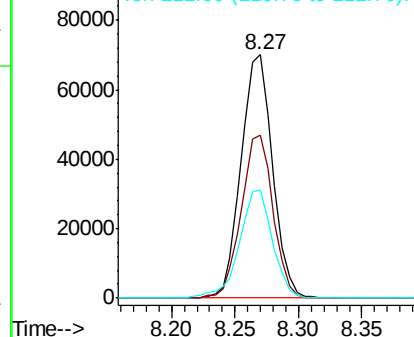


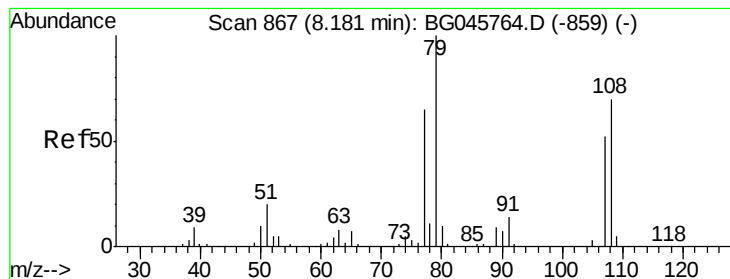
Abundance

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





#15

Benzyl Alcohol

Concen: 39.970 ng

RT: 8.16 min Scan# 864

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

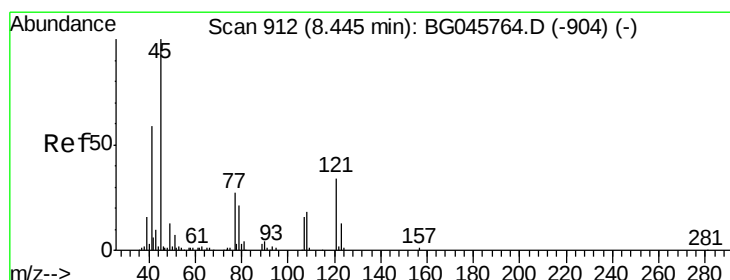
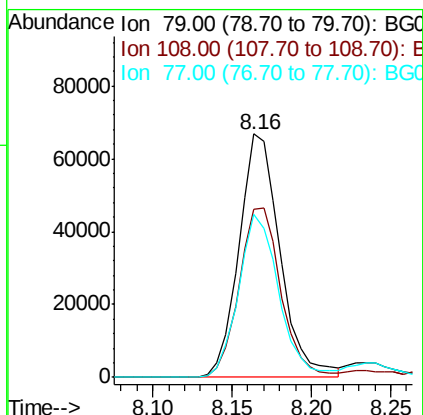
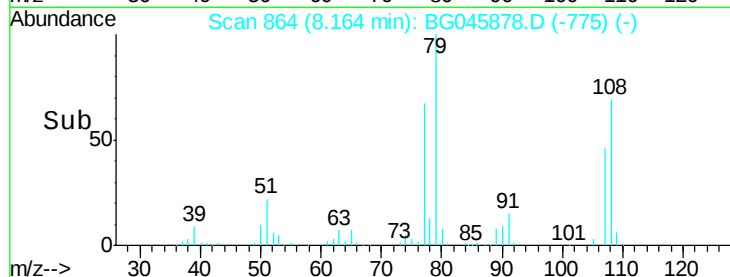
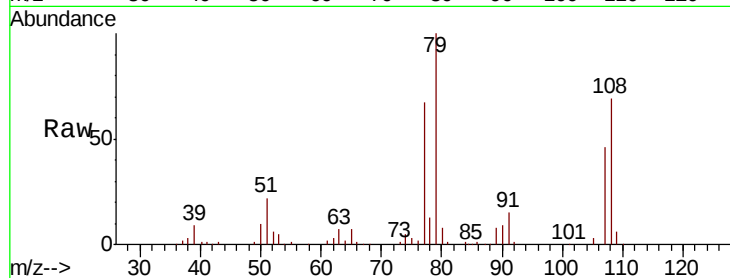
Tot Ion: 79 Resp: 120332

Ion Ratio Lower Upper

79 100

108 68.9 56.2 84.4

77 66.9 52.2 78.2



#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.274 ng

RT: 8.44 min Scan# 911

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

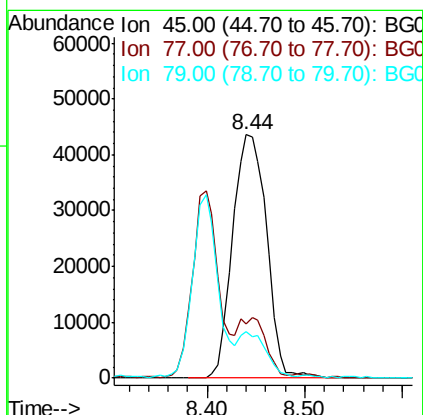
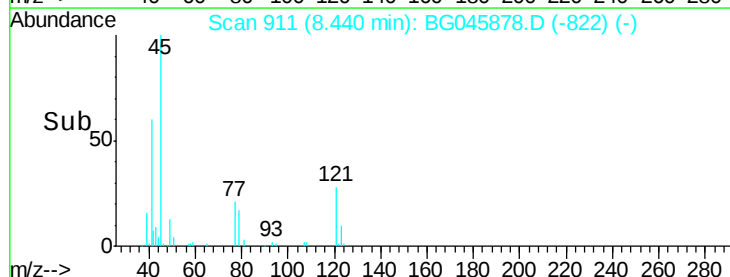
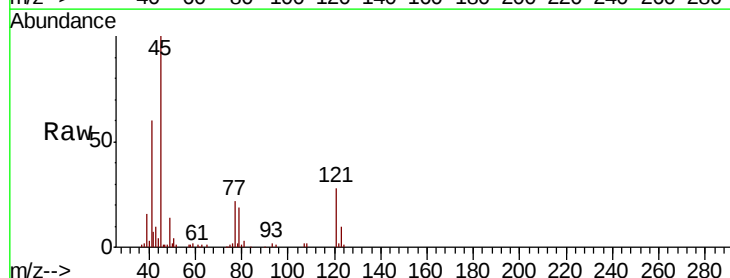
Tgt Ion: 45 Resp: 105979

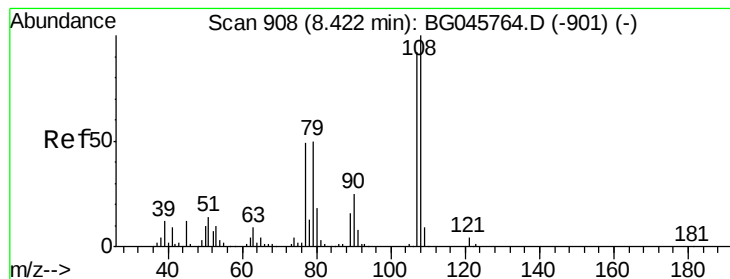
Ion Ratio Lower Upper

45 100

77 22.2 14.9 54.9

79 19.1 9.2 49.2





#17

2-Methylphenol

Concen: 38.463 ng

RT: 8.40 min Scan# 904

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

Tot Ion:107 Resp: 107898

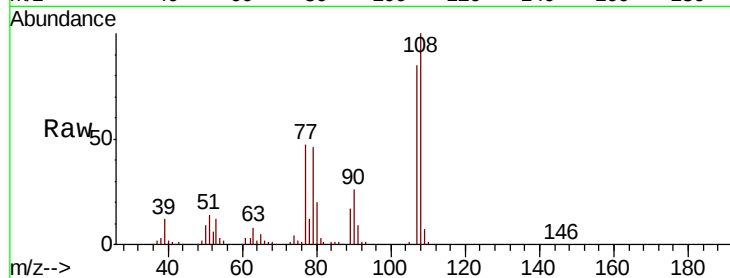
Ion Ratio Lower Upper

107 100

108 117.7 87.4 131.0

77 55.4 42.5 63.7

79 54.6 44.0 66.0

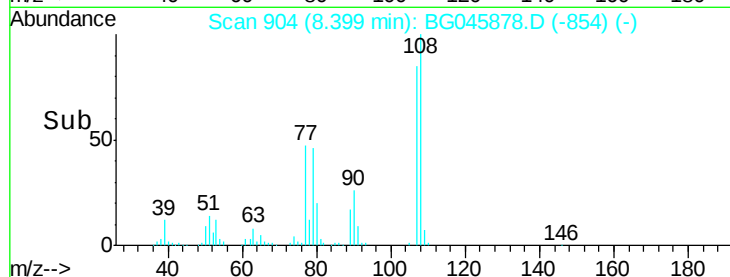


Abundance Ion 107.00 (106.70 to 107.70): E

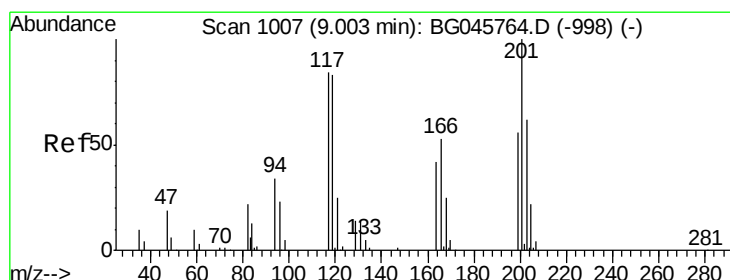
Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



Time--> 8.30 8.35 8.40 8.45 8.50



#18

Hexachloroethane

Concen: 40.567 ng

RT: 9.00 min Scan# 1006

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

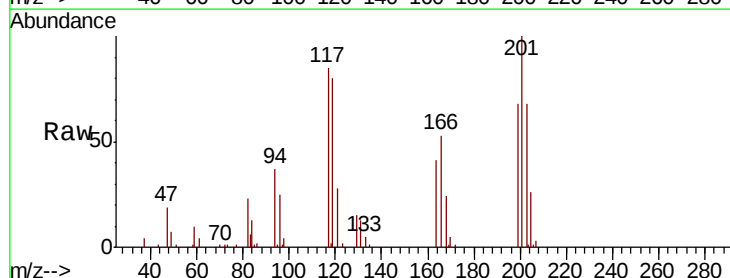
Tgt Ion:117 Resp: 50208

Ion Ratio Lower Upper

117 100

119 94.8 78.9 118.3

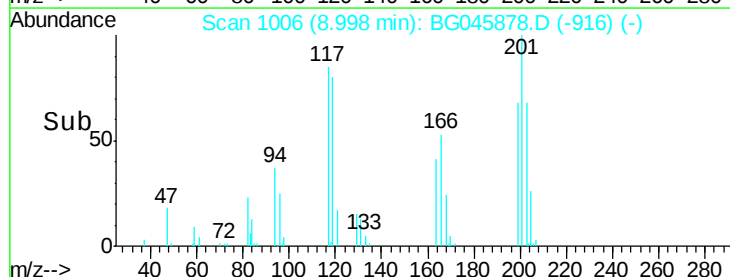
201 118.2 95.5 143.3



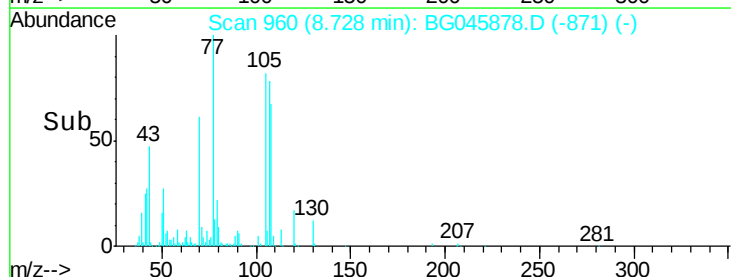
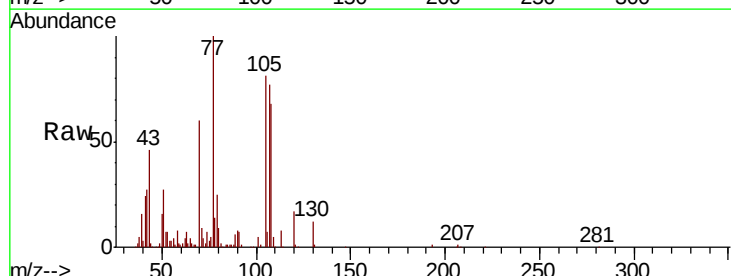
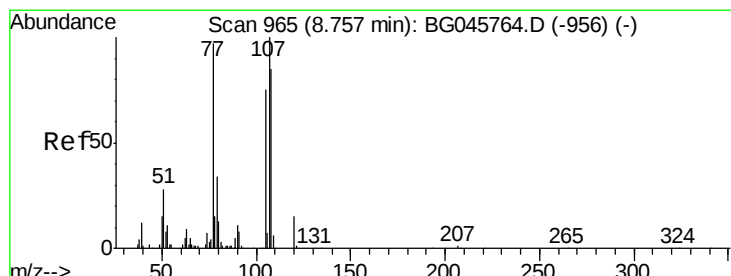
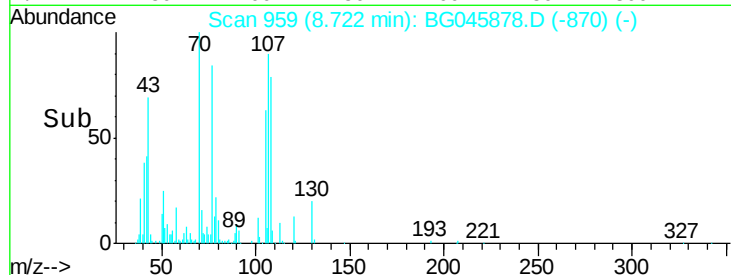
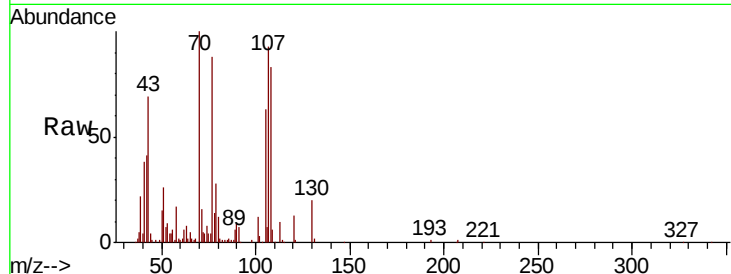
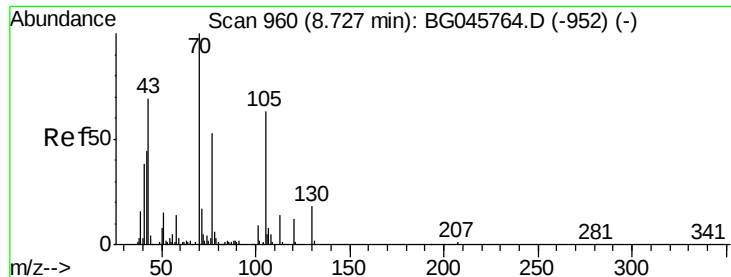
Abundance Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E



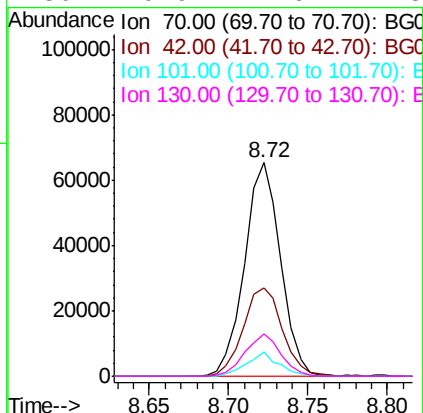
Time--> 8.90 8.95 9.00 9.05



#19
n-Nitroso-di-n-propylamine
Concen: 40.239 ng
RT: 8.72 min Scan# 959
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

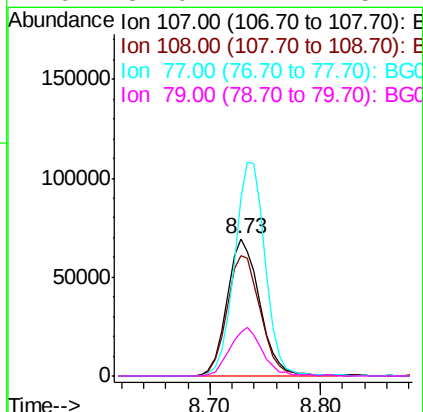
Instrument :
BNA_G
ClientSampleId :
PB129825BSD

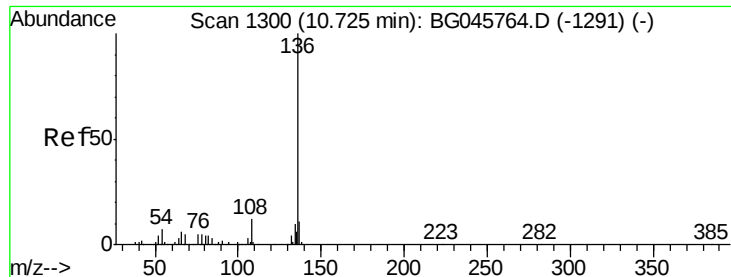
Tot Ion	Ratio	Lower	Upper
70	100		
42	41.1	35.1	52.7
101	11.6	7.4	11.0
130	19.9	14.6	21.8



#20
3+4-Methylphenols
Concen: 39.059 ng
RT: 8.73 min Scan# 960
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
107	100		
108	87.7	65.4	105.4
77	129.5	77.2	117.2
79	32.0	14.2	54.2





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.72 min Scan# 1299

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

Tot Ion:136 Resp: 173556

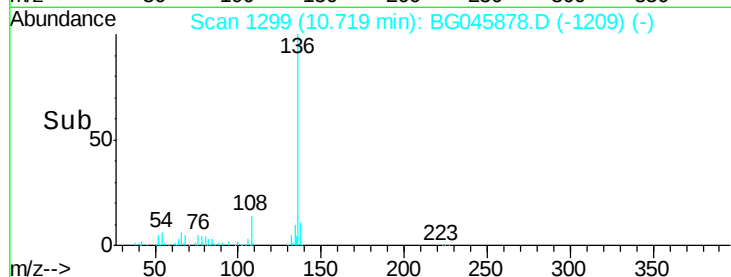
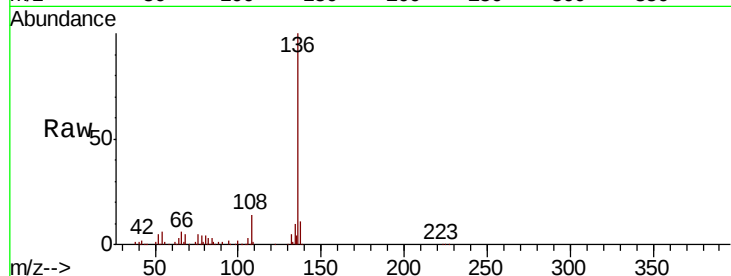
Ion Ratio Lower Upper

136 100

137 10.7 8.7 13.1

54 6.1 5.8 8.6

68 5.0 4.0 6.0

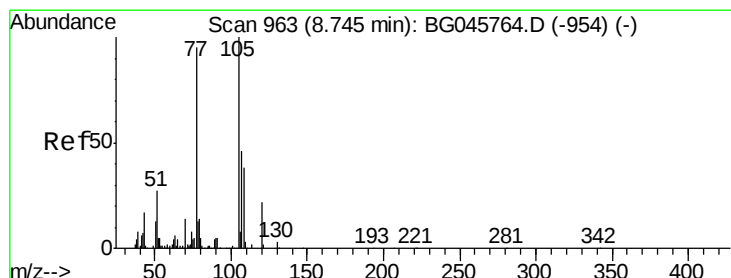
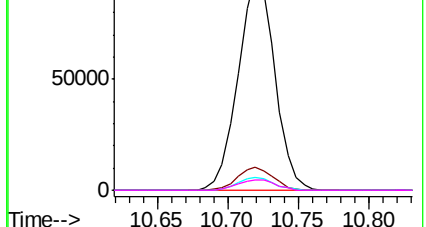


Abundance Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22

Acetophenone

Concen: 38.709 ng

RT: 8.74 min Scan# 962

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Tgt Ion:105 Resp: 184395

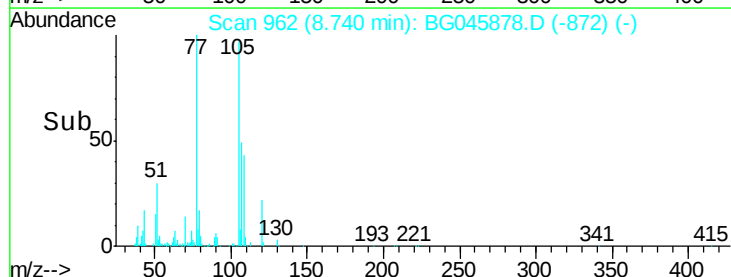
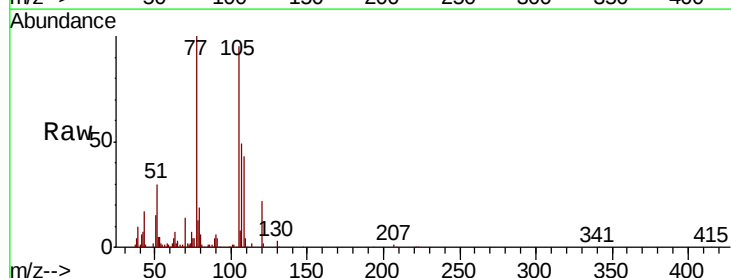
Ion Ratio Lower Upper

105 100

71 2.2 1.8 2.8

51 32.0 21.9 32.9

120 22.7 17.3 25.9

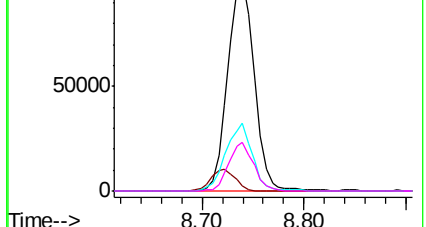


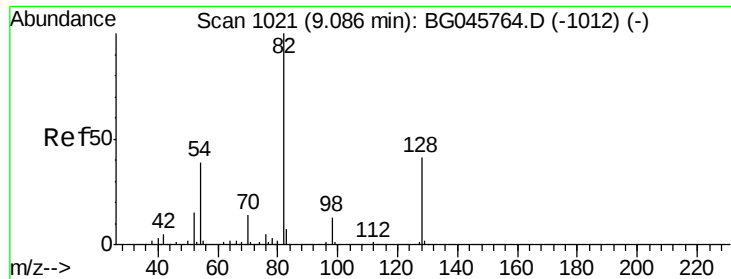
Abundance Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E

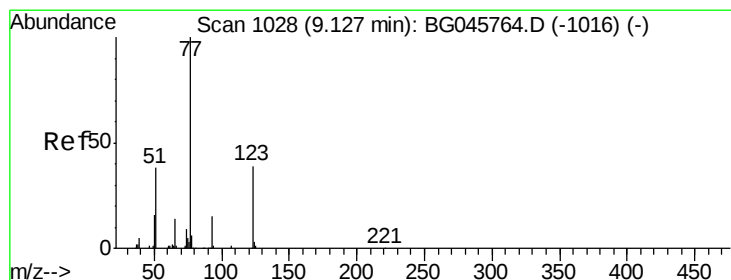
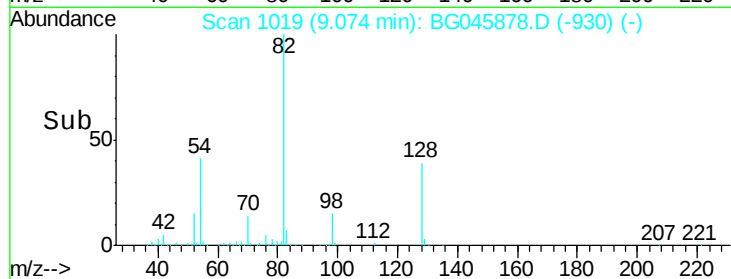
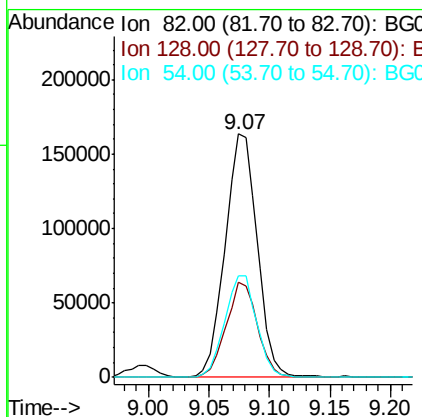
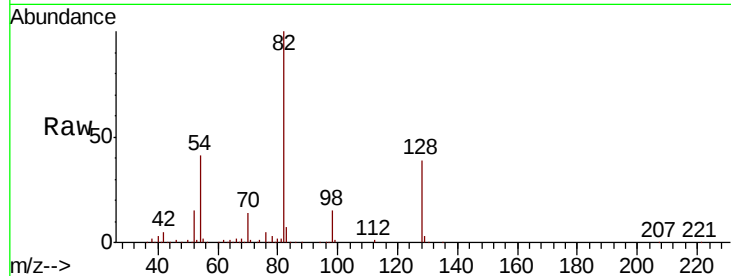




#23
 Nitrobenzene-d5
 Concen: 79.307 ng
 RT: 9.07 min Scan# 1019
 Delta R.T. -0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

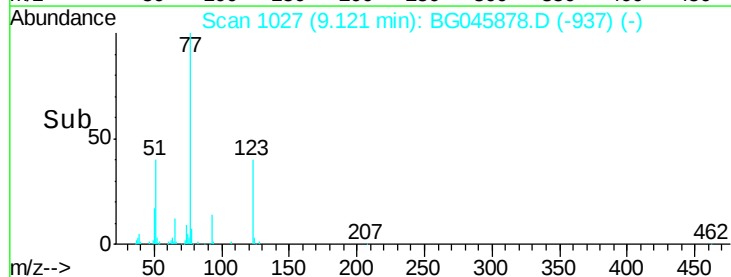
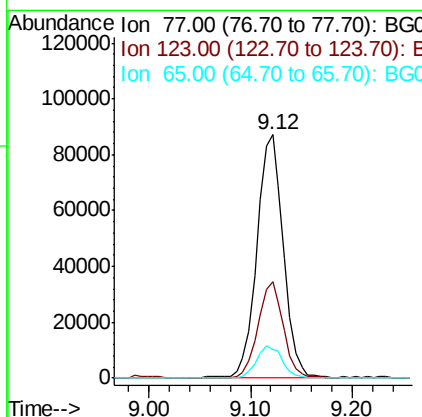
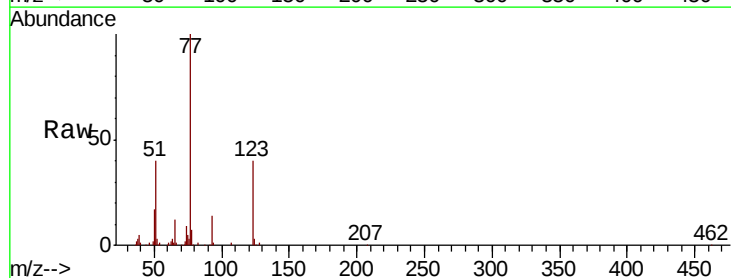
Instrument :
 BNA_G
 ClientSampleId :
 PB129825BSD

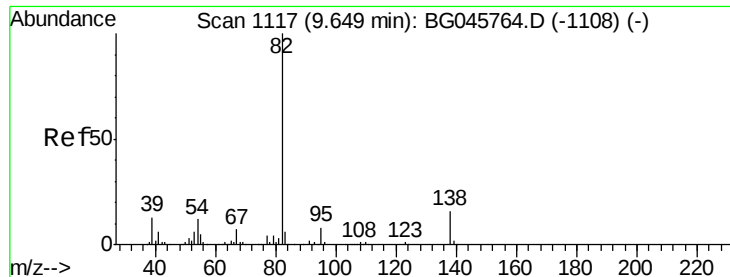
Tot Ion	82	Resp	301295
Ion Ratio	Lower	Upper	
82	100		
128	39.1	32.5	48.7
54	41.5	31.2	46.8



#24
 Nitrobenzene
 Concen: 39.124 ng
 RT: 9.12 min Scan# 1027
 Delta R.T. 0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Tgt Ion	77	Resp	158482
Ion Ratio	Lower	Upper	
77	100		
123	39.7	31.2	46.8
65	11.8	11.4	17.2





#25

Isophorone

Concen: 38.242 ng

RT: 9.64 min Scan# 1116

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

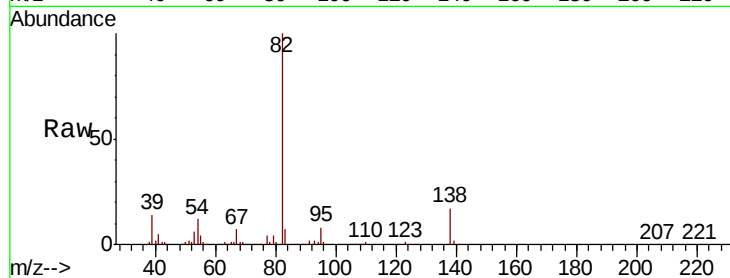
Tot Ion: 82 Resp: 281259

Ion Ratio Lower Upper

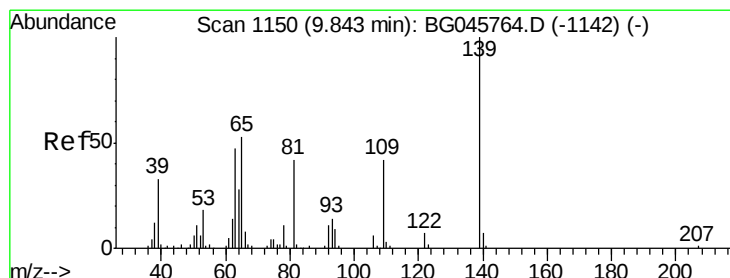
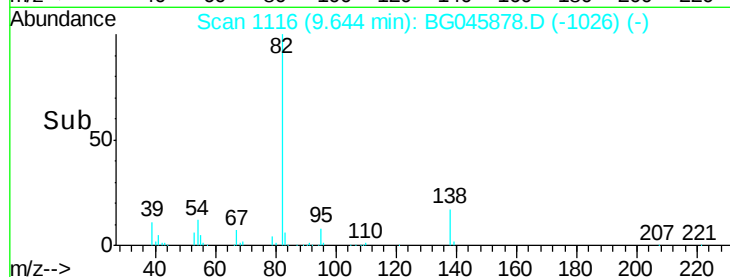
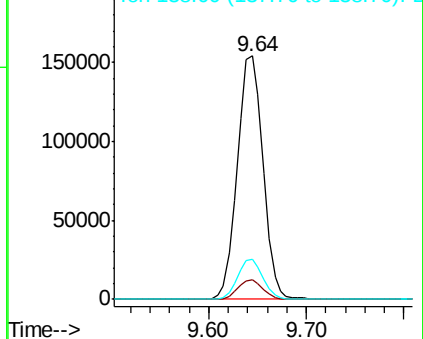
82 100

95 8.2 6.2 9.4

138 16.6 12.6 18.8



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



#26

2-Nitrophenol

Concen: 40.510 ng

RT: 9.83 min Scan# 1148

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

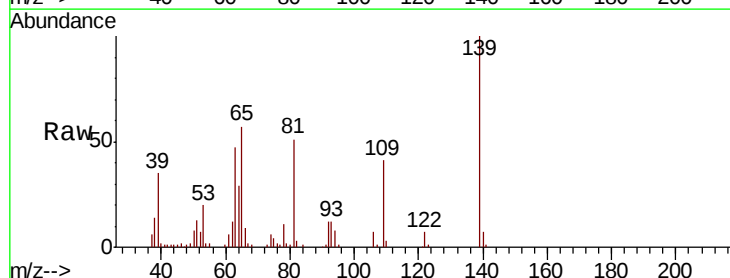
Tgt Ion: 139 Resp: 68364

Ion Ratio Lower Upper

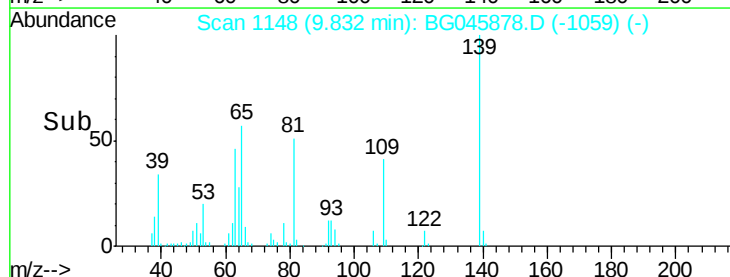
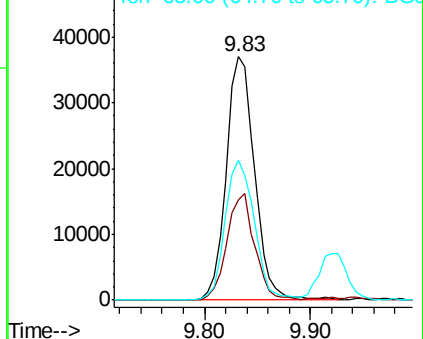
139 100

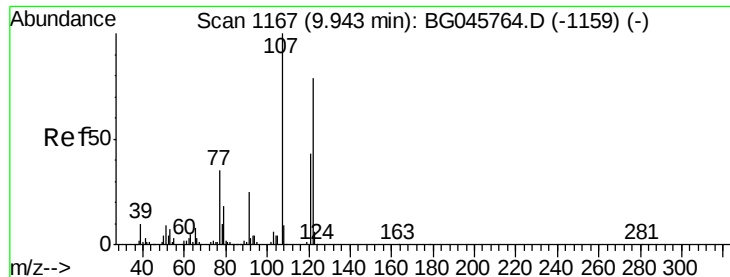
109 41.2 33.5 50.3

65 57.4 42.2 63.4



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

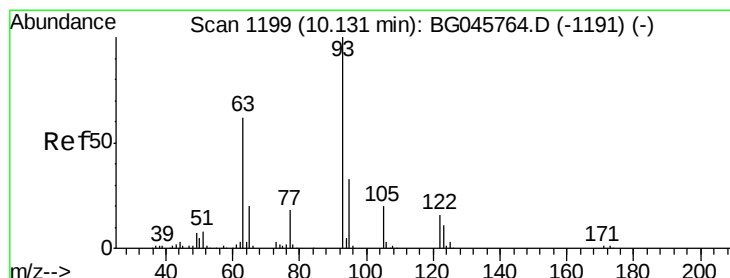
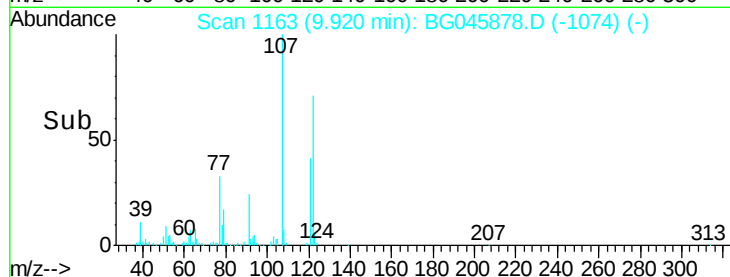
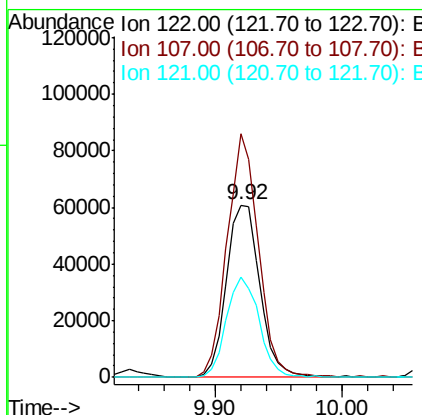
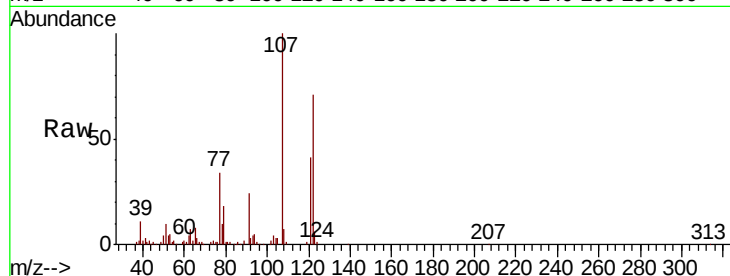




#27
2,4-Dimethylphenol
Concen: 43.274 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

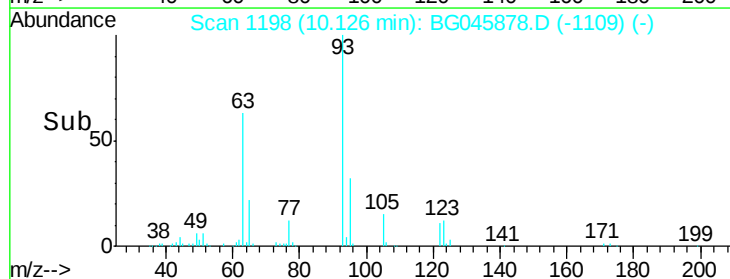
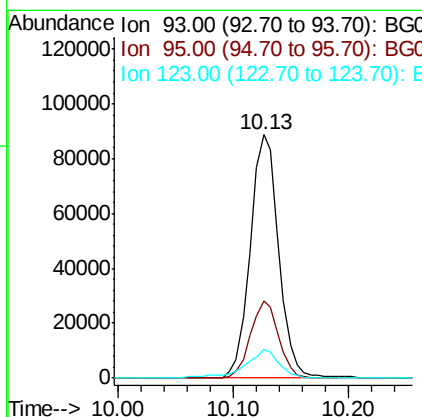
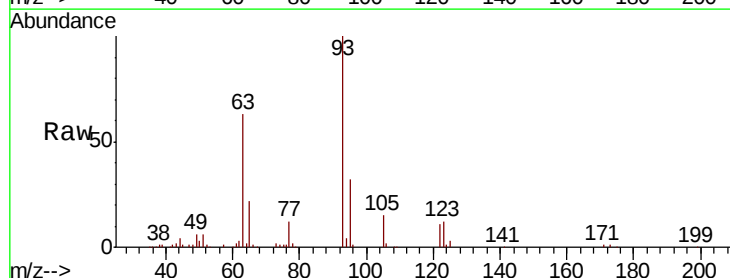
Instrument :
BNA_G
ClientSampleId :
PB129825BSD

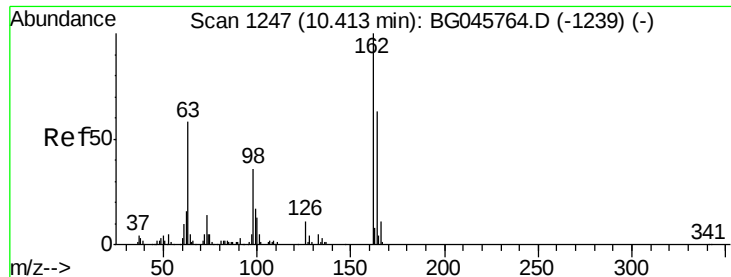
Tot Ion	Ratio	Lower	Upper
122	100		
107	141.1	101.3	151.9
121	58.0	43.9	65.9



#28
bis(2-Chloroethoxy)methane
Concen: 39.468 ng
RT: 10.13 min Scan# 1198
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
93	100		
95	31.8	26.3	39.5
123	11.6	9.3	13.9

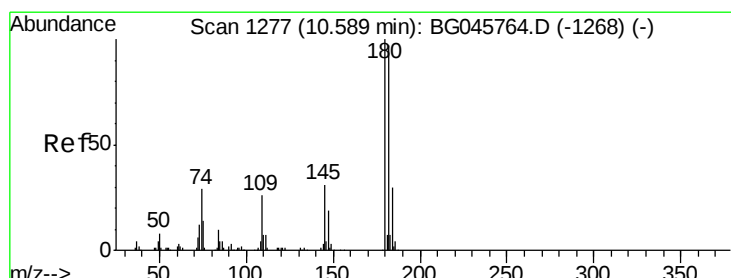
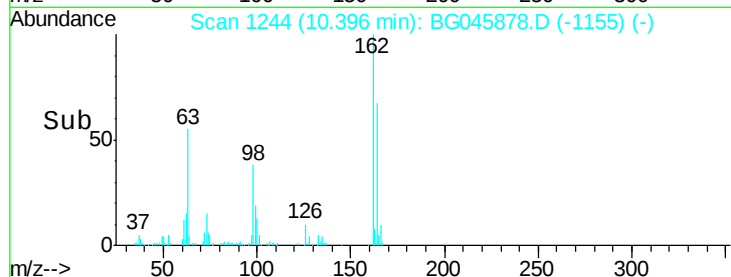
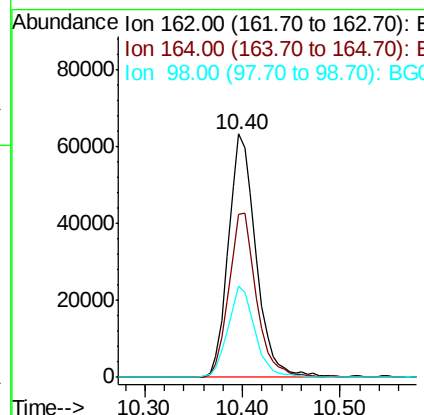
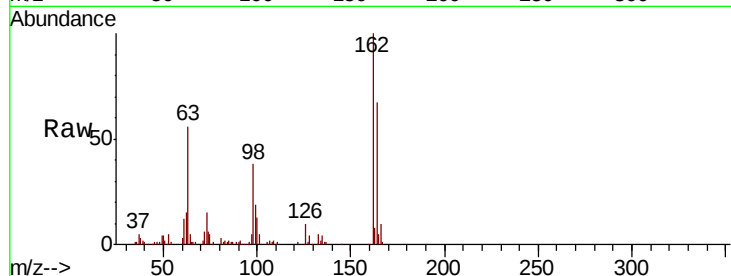




#29
 2,4-Dichlorophenol
 Concen: 41.265 ng
 RT: 10.40 min Scan# 1244
 Delta R.T. -0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

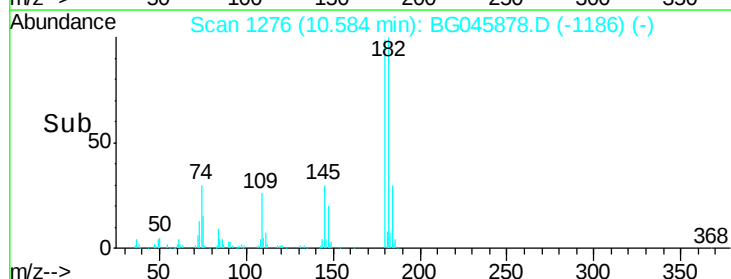
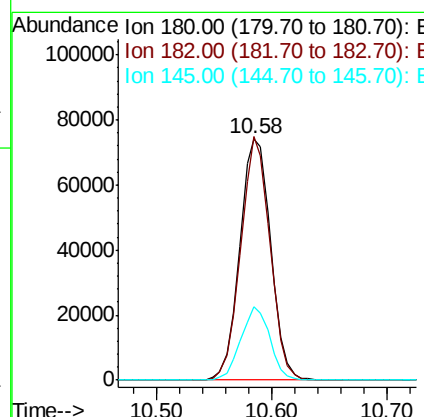
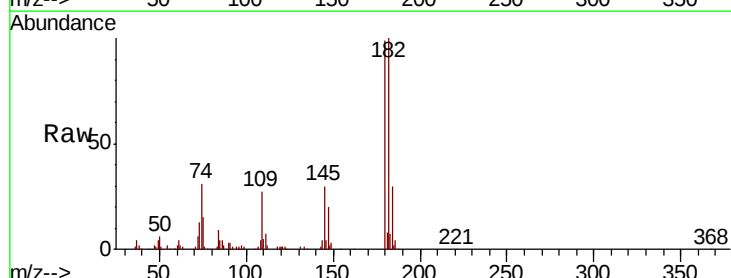
Instrument :
 BNA_G
 ClientSampleId :
 PB129825BSD

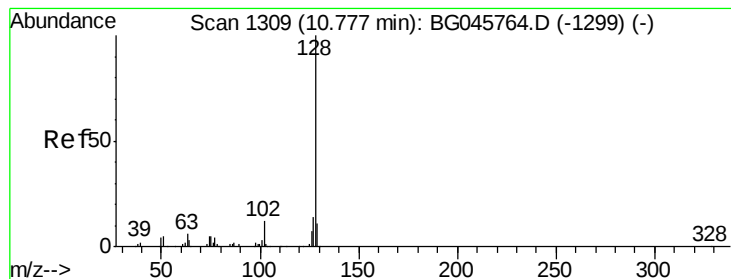
Tot Ion	Ratio	Lower	Upper
162	100		
164	67.1	43.3	83.3
98	37.6	15.5	55.5



#30
 1,2,4-Trichlorobenzene
 Concen: 38.462 ng
 RT: 10.58 min Scan# 1276
 Delta R.T. 0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
180	100		
182	100.8	77.8	116.6
145	30.5	24.5	36.7





#31

Naphthalene

Concen: 39.049 ng

RT: 10.77 min Scan# 1308

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

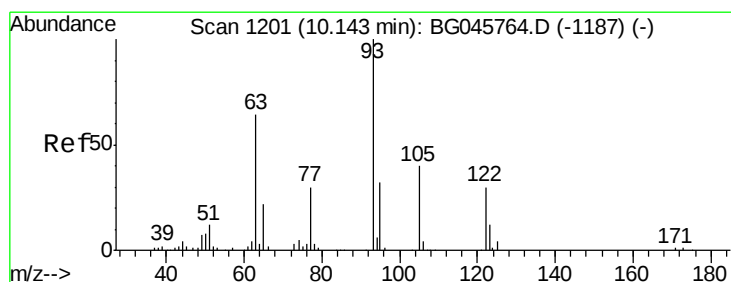
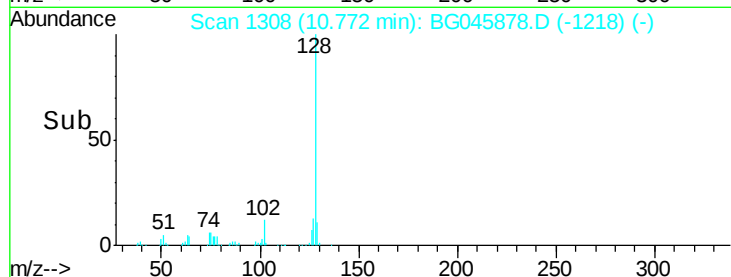
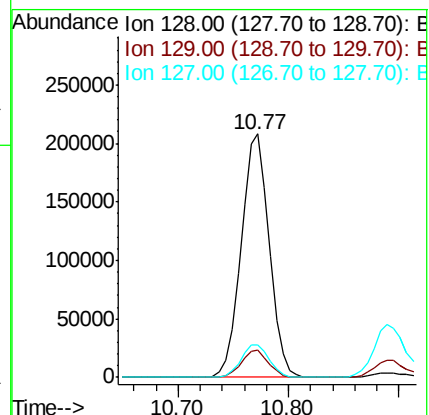
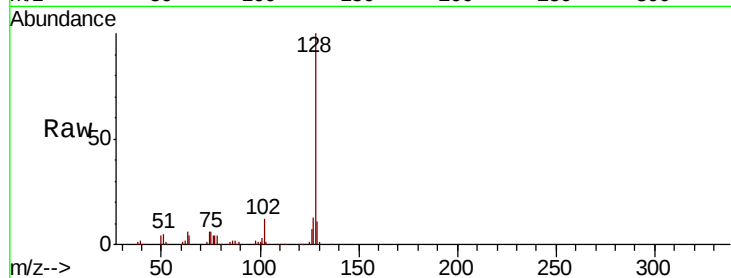
Tot Ion:128 Resp: 370514

Ion Ratio Lower Upper

128 100

129 11.0 8.6 13.0

127 13.3 10.9 16.3



#32

Benzoic acid

Concen: 41.764 ng

RT: 10.11 min Scan# 1196

Delta R.T. -0.02 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

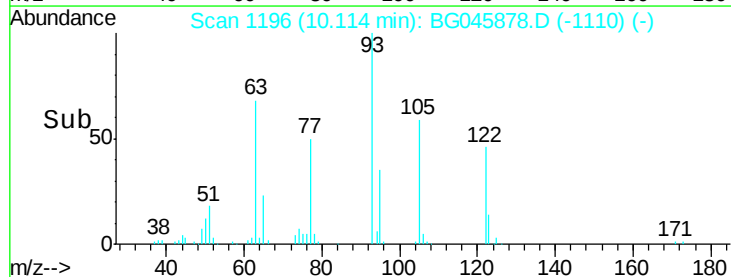
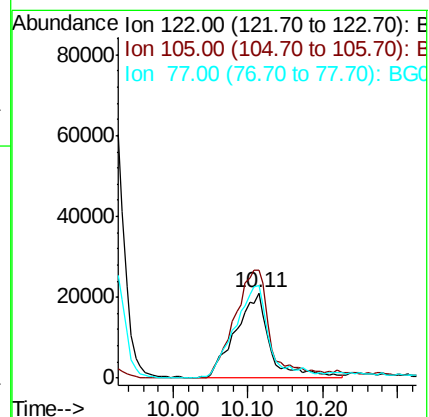
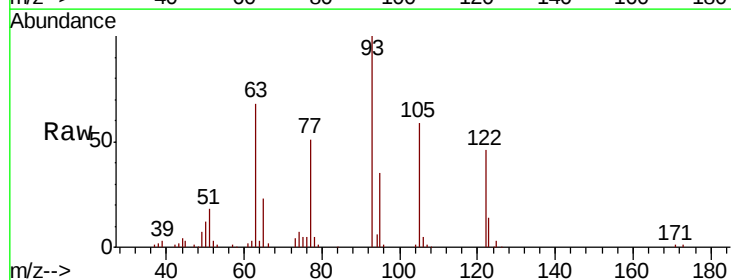
Tgt Ion:122 Resp: 67390

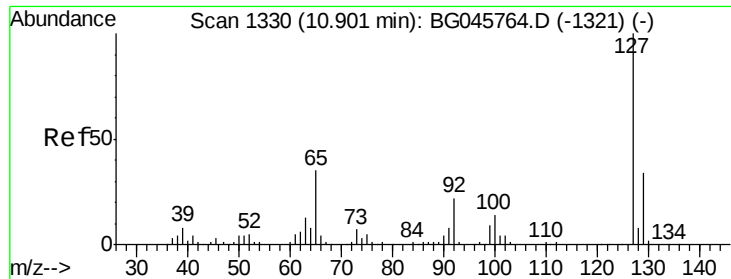
Ion Ratio Lower Upper

122 100

105 126.5 112.9 152.9

77 109.3 79.2 119.2

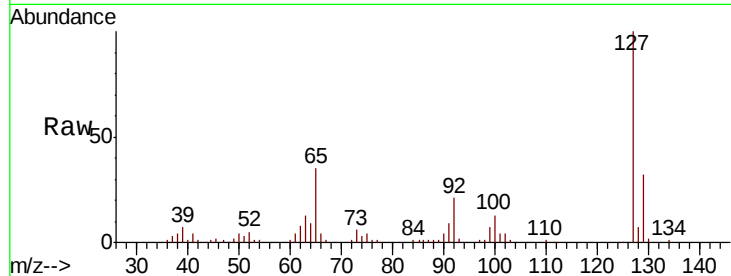




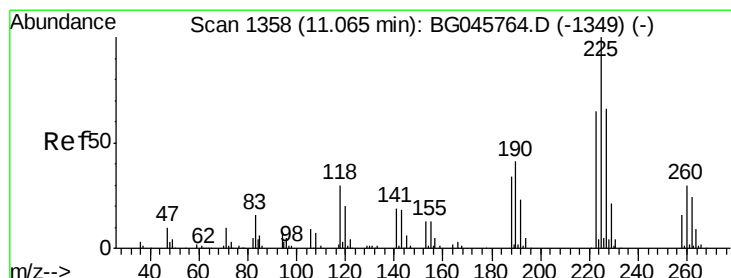
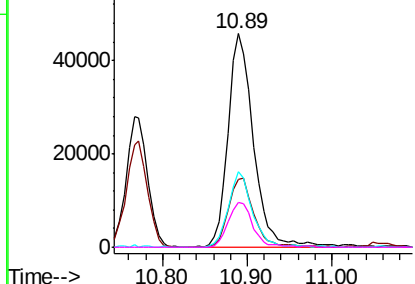
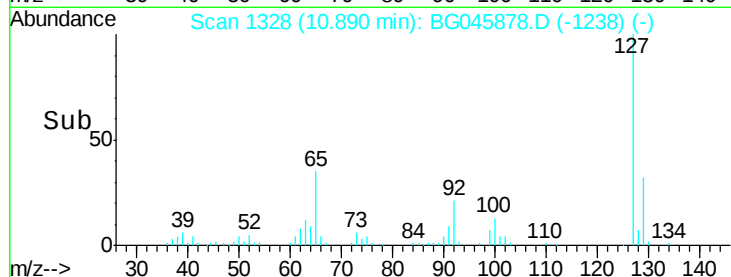
#33
4-Chloroaniline
Concen: 23.798 ng
RT: 10.89 min Scan# 1328
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion:127	Resp:	94560
Ion Ratio	Lower	Upper
127	100	
129	31.7	26.8 40.2
65	35.4	27.8 41.8
92	21.3	17.3 25.9

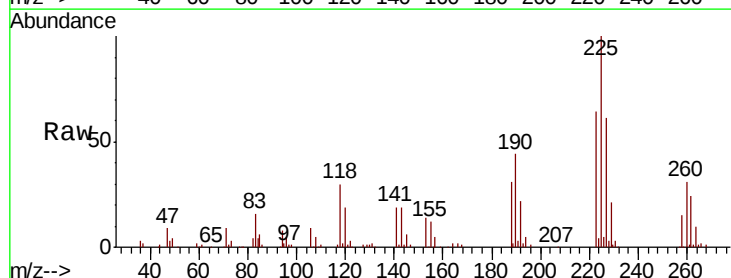


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

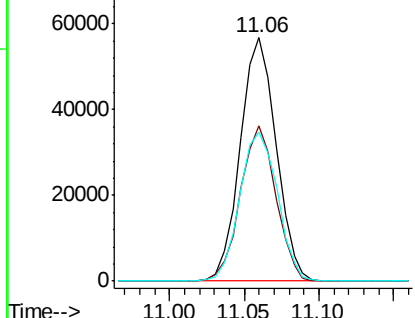
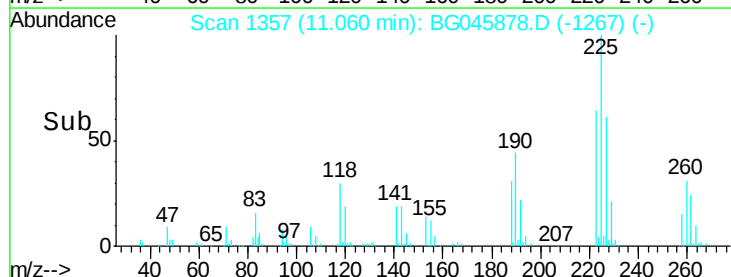


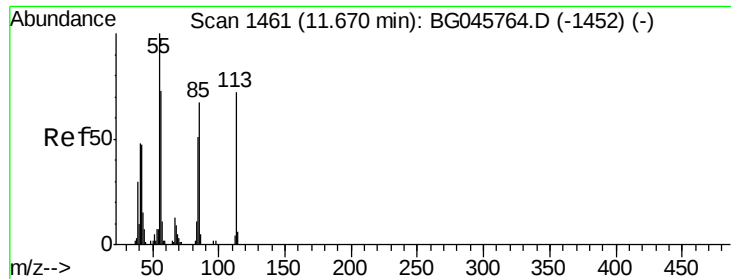
#34
Hexachlorobutadiene
Concen: 37.379 ng
RT: 11.06 min Scan# 1357
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion:225	Resp:	94602
Ion Ratio	Lower	Upper
225	100	
223	63.7	52.0 78.0
227	61.4	52.5 78.7



Abundance Ion 225.00 (224.70 to 225.70): E
Ion 223.00 (222.70 to 223.70): E
Ion 227.00 (226.70 to 227.70): E

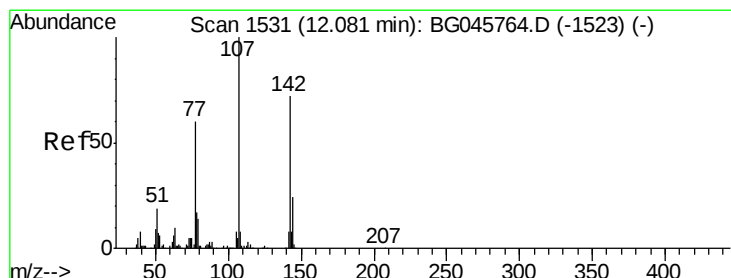
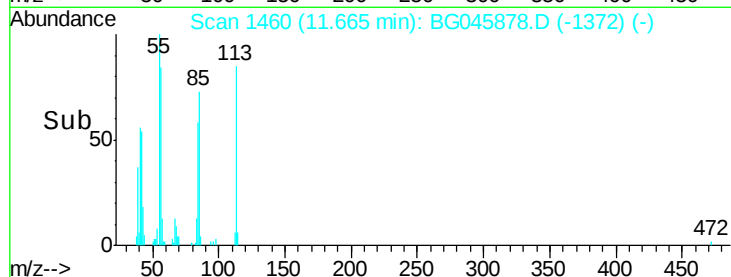
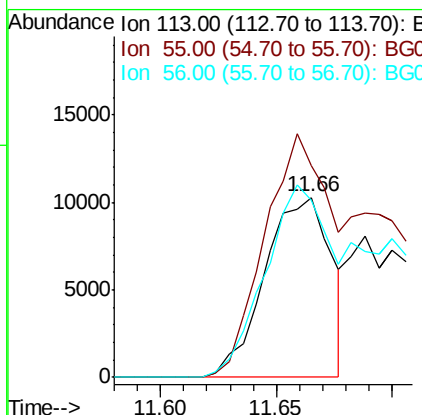
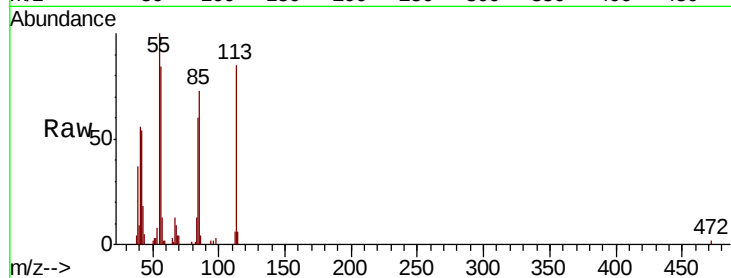




#35
Caprolactam
Concen: 21.146 ng
RT: 11.66 min Scan# 1460
Delta R.T. -0.01 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

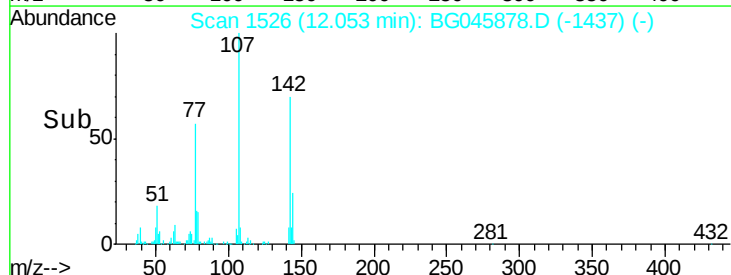
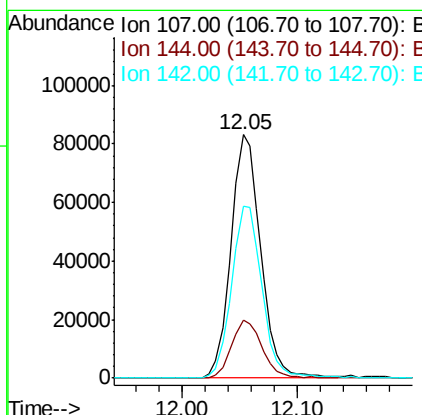
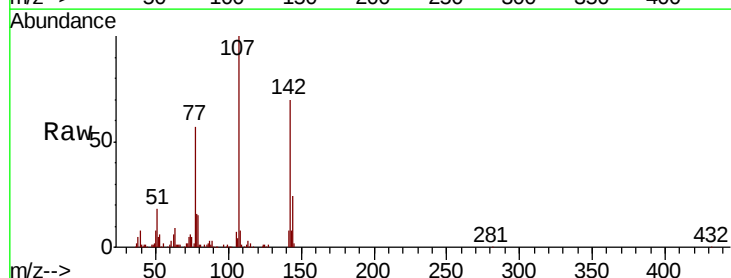
Instrument :
BNA_G
ClientSampleId :
PB129825BSD

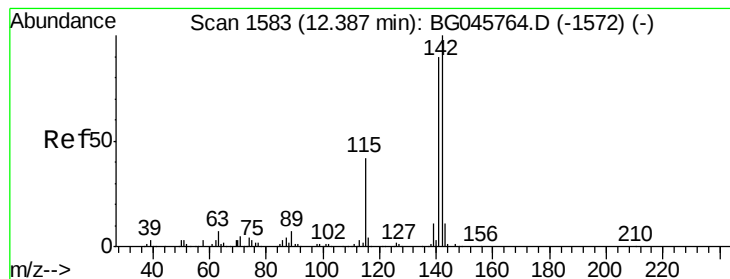
Tot Ion:113 Resp: 20570
Ion Ratio Lower Upper
113 100
55 117.5 119.7 159.7#
56 98.2 82.5 122.5



#36
4-Chloro-3-methylphenol
Concen: 42.770 ng
RT: 12.05 min Scan# 1526
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion:107 Resp: 148448
Ion Ratio Lower Upper
107 100
144 24.0 19.5 29.3
142 70.4 57.4 86.0





#37

2-Methylnaphthalene

Concen: 40.407 ng

RT: 12.38 min Scan# 1582

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

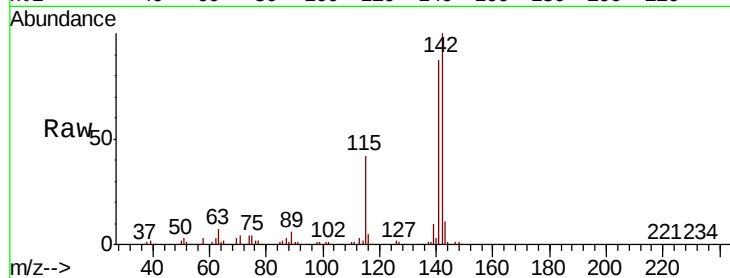
Tot Ion:142 Resp: 285496

Ion Ratio Lower Upper

142 100

141 86.8 71.7 107.5

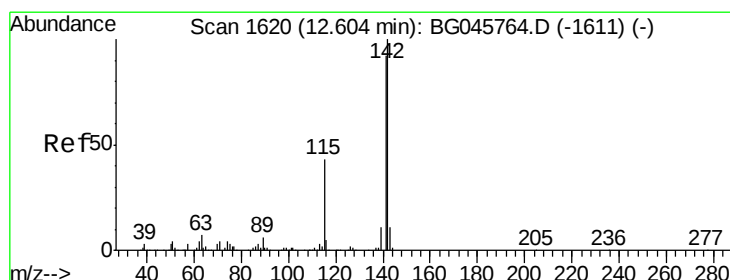
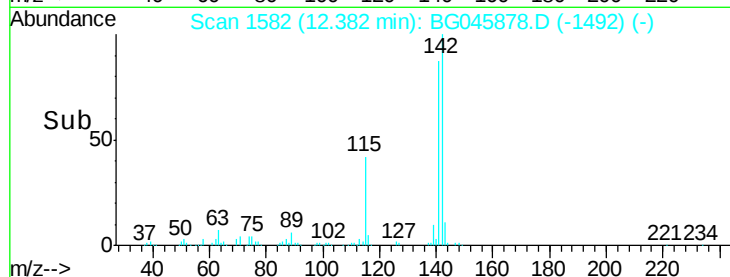
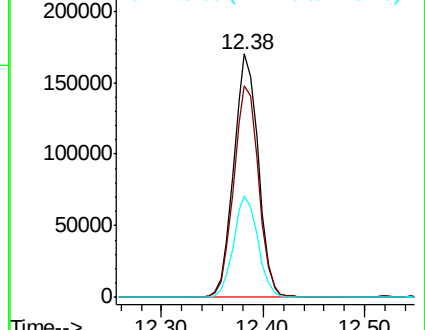
115 42.0 33.8 50.6



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: 40.913 ng

RT: 12.60 min Scan# 1620

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

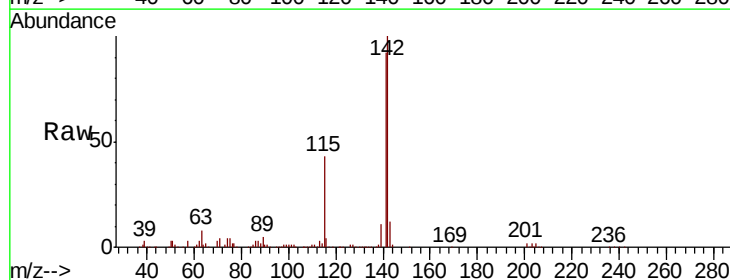
Tgt Ion:142 Resp: 273554

Ion Ratio Lower Upper

142 100

141 91.9 73.8 110.8

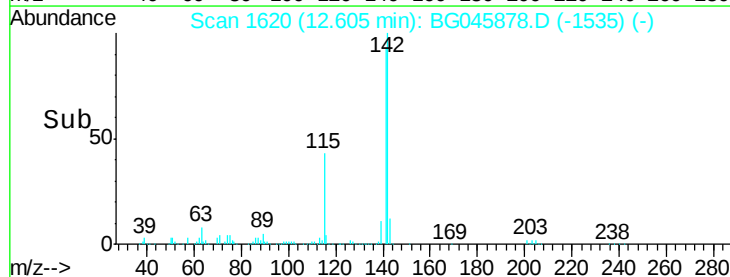
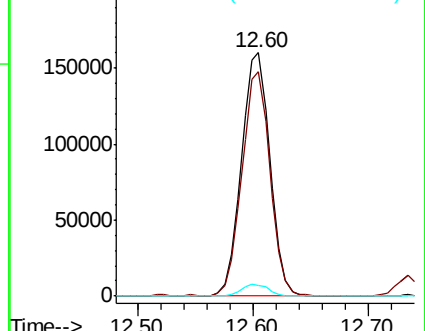
116 4.3 3.8 5.8

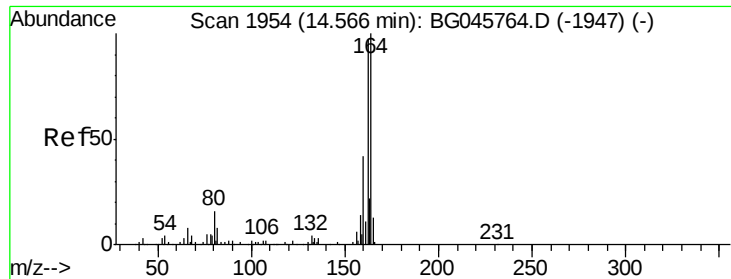


Abundance Ion 142.00 (141.70 to 142.70): E

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: 14.57 min Scan# 1954

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampled :

PB129825BSD

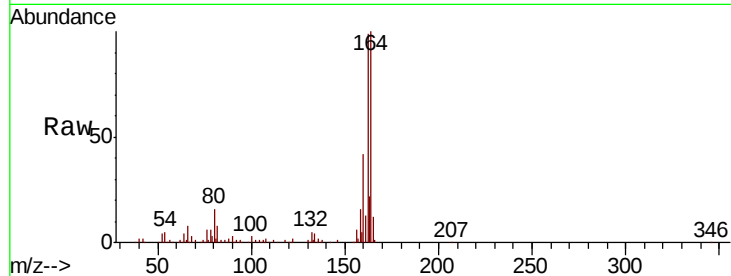
Tot Ion:164 Resp: 128453

Ion Ratio Lower Upper

164 100

162 98.7 77.4 116.0

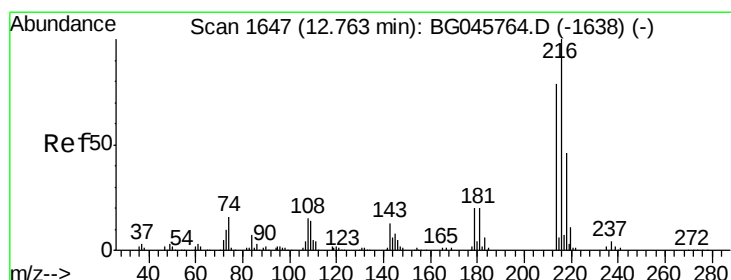
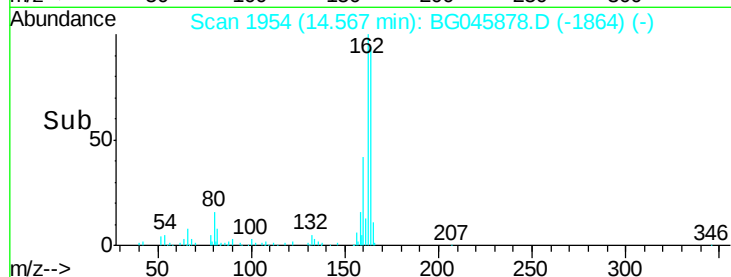
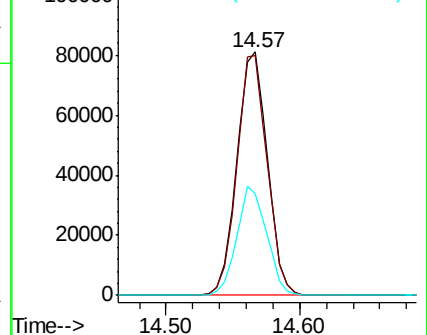
160 41.9 33.3 49.9



Abundance Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40

1,2,4,5-Tetrachlorobenzene

Concen: 37.706 ng

RT: 12.76 min Scan# 1646

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Tgt Ion:216 Resp: 159482

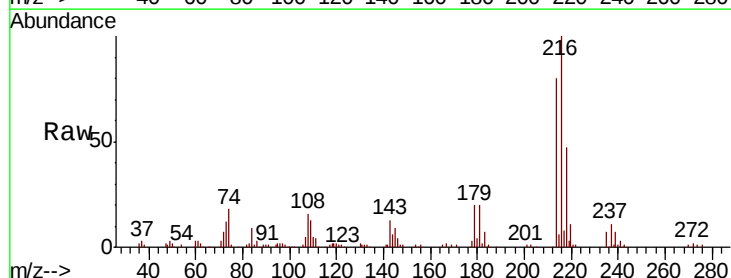
Ion Ratio Lower Upper

216 100

214 78.2 62.8 94.2

179 20.6 16.2 24.4

108 18.7 13.4 20.2

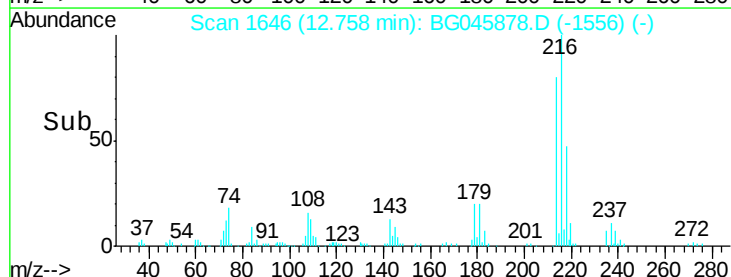
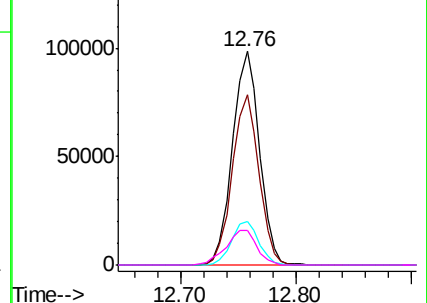


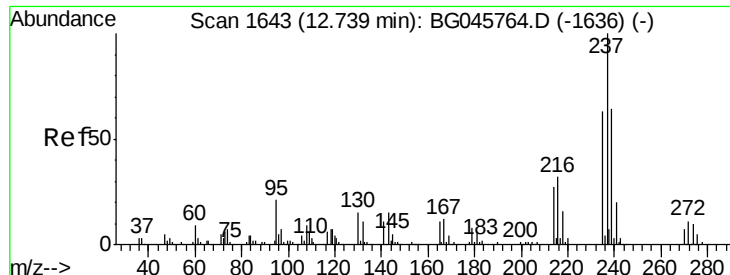
Abundance Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 74.936 ng

RT: 12.73 min Scan# 1642

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

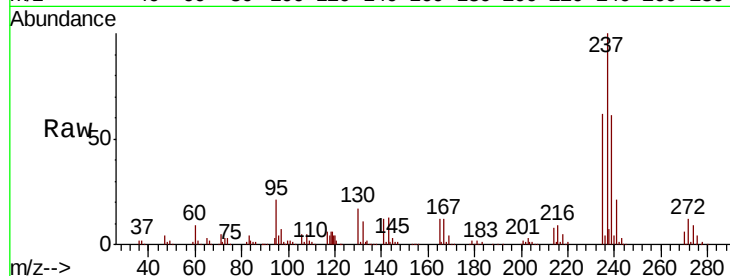
Tot Ion:237 Resp: 173685

Ion Ratio Lower Upper

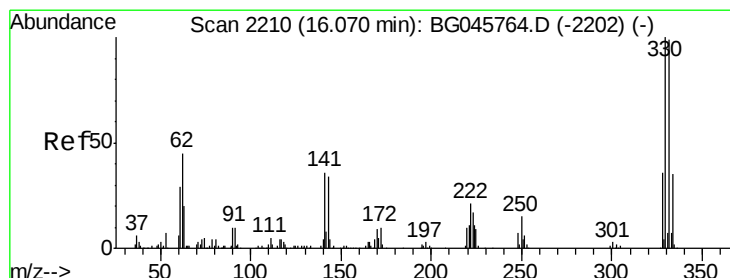
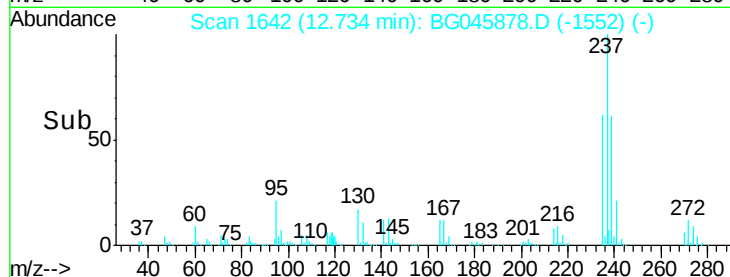
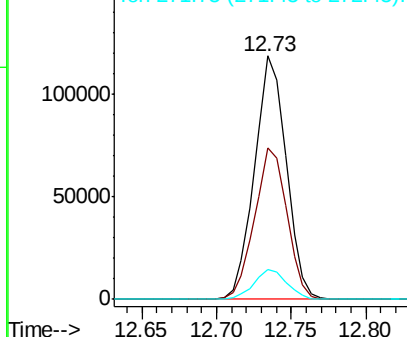
237 100

235 62.1 42.9 82.9

272 12.4 0.0 30.9



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



#42

2,4,6-Tribromophenol

Concen: 118.959 ng

RT: 16.06 min Scan# 2209

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

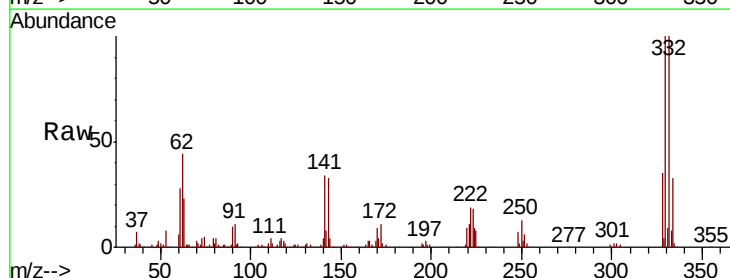
Tgt Ion:330 Resp: 230698

Ion Ratio Lower Upper

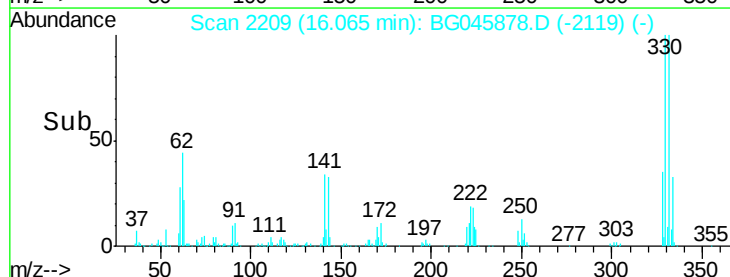
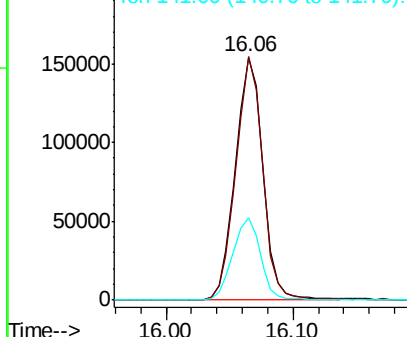
330 100

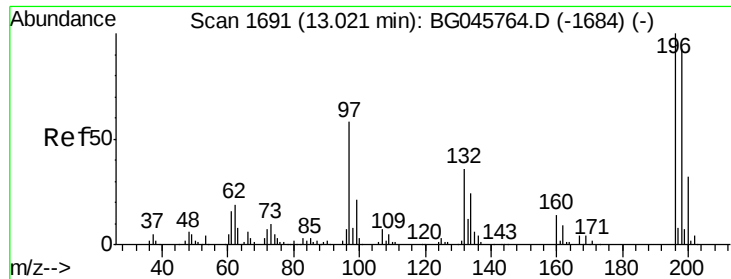
332 98.0 78.6 117.8

141 34.3 28.2 42.4



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

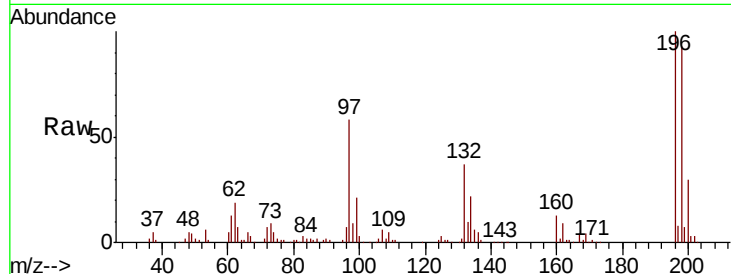




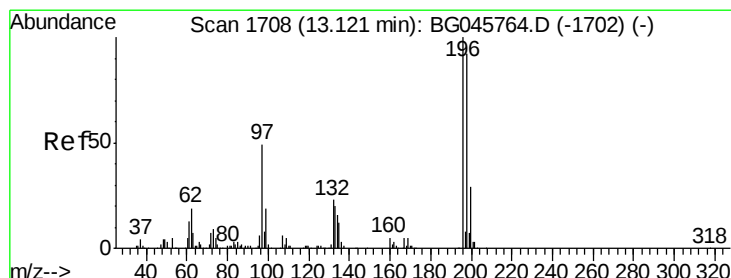
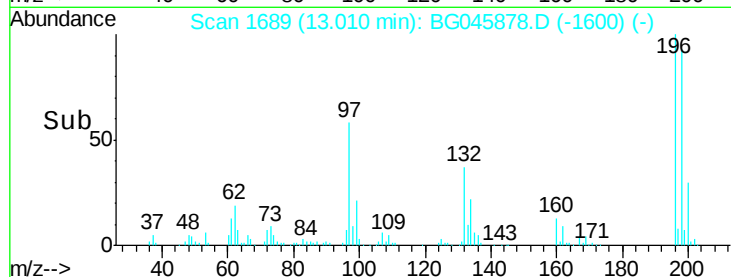
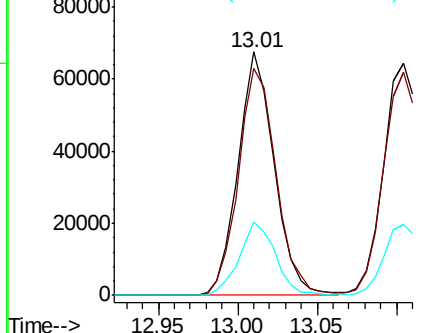
#43
 2,4,6-Trichlorophenol
 Concen: 37.374 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Instrument :
 BNA_G
 ClientSampleId :
 PB129825BSD

Tot Ion:196 Resp: 107177
 Ion Ratio Lower Upper
 196 100
 198 93.5 74.4 111.6
 200 30.3 25.4 38.2

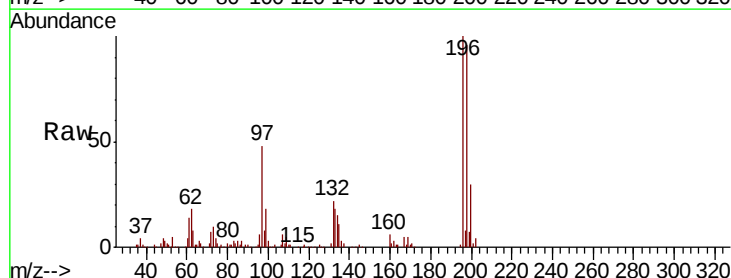


Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 200.00 (199.70 to 200.70): E

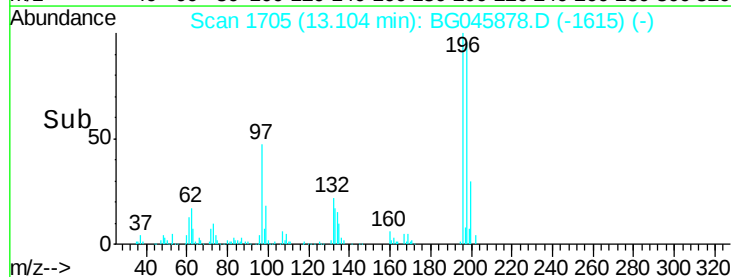
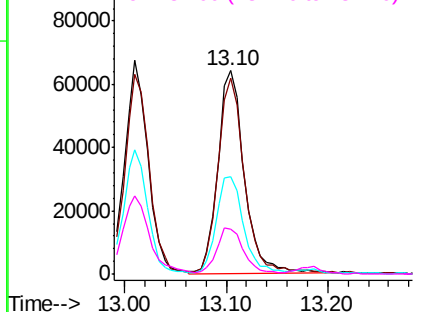


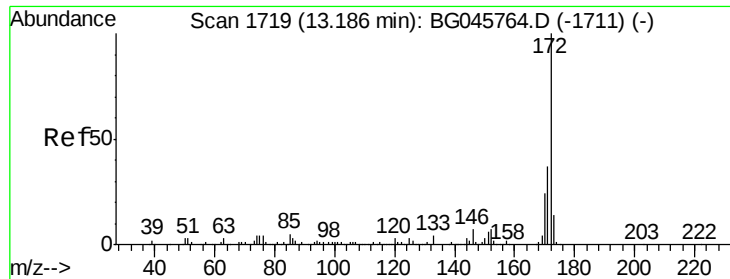
#44
 2,4,5-Trichlorophenol
 Concen: 35.245 ng
 RT: 13.10 min Scan# 1705
 Delta R.T. 0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Tgt Ion:196 Resp: 115195
 Ion Ratio Lower Upper
 196 100
 198 96.5 74.0 111.0
 97 47.8 39.0 58.6
 132 22.3 18.4 27.6



Abundance Ion 196.00 (195.70 to 196.70): E
 Ion 198.00 (197.70 to 198.70): E
 Ion 97.00 (96.70 to 97.70): BGC
 Ion 132.00 (131.70 to 132.70): E

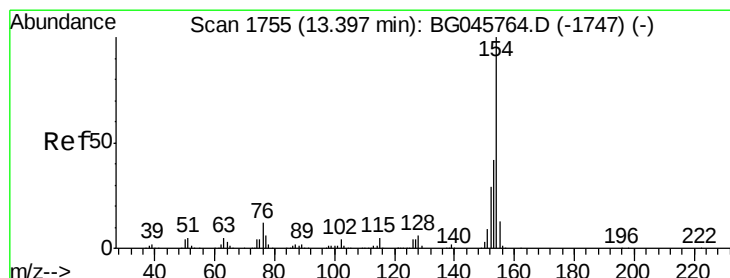
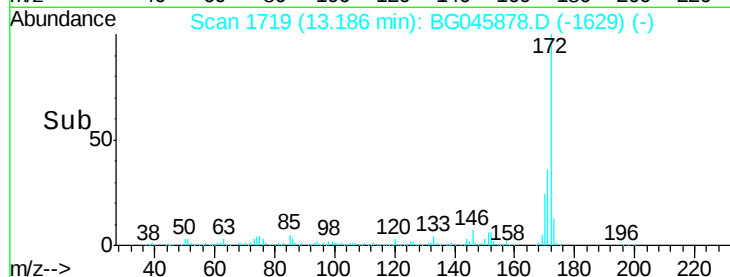
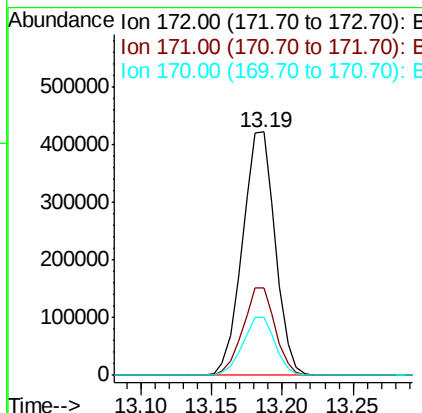
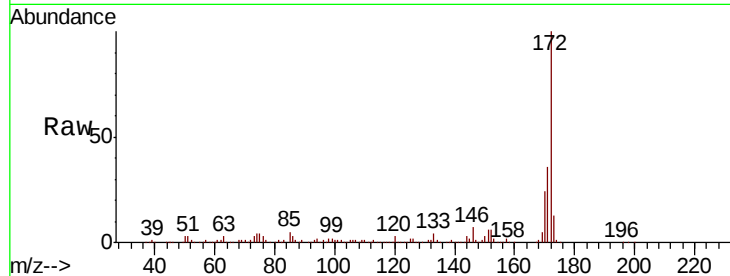




#45
2-Fluorobiphenyl
Concen: 78.330 ng
RT: 13.19 min Scan# 1719
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

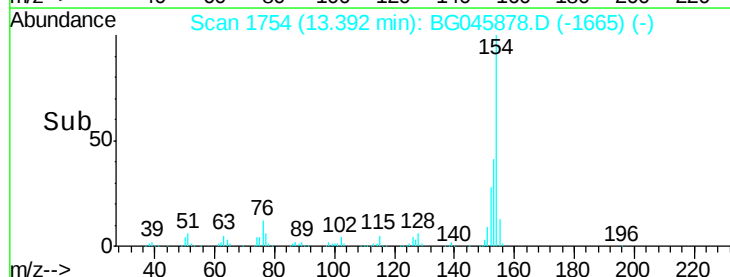
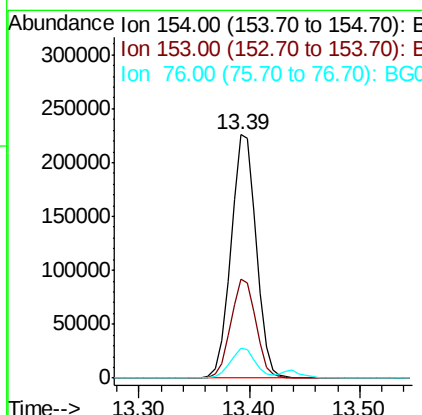
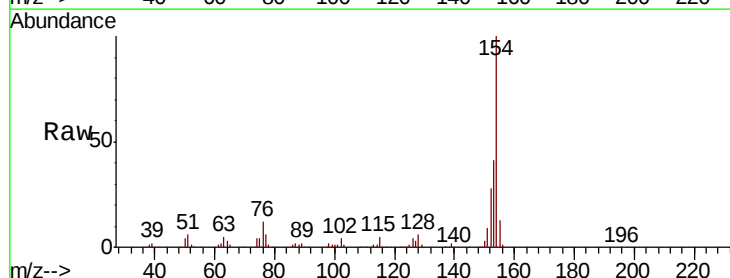
Instrument :
BNA_G
ClientSampleId :
PB129825BSD

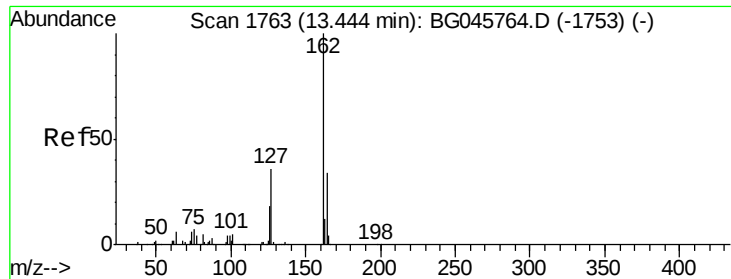
Tot Ion	Ratio	Lower	Upper
172	100		
171	36.0	29.9	44.9
170	23.7	19.3	28.9



#46
1,1'-Biphenyl
Concen: 39.325 ng
RT: 13.39 min Scan# 1754
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.7	21.7	61.7
76	12.5	0.0	32.0

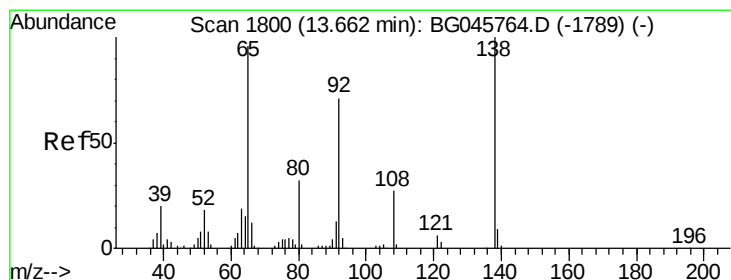
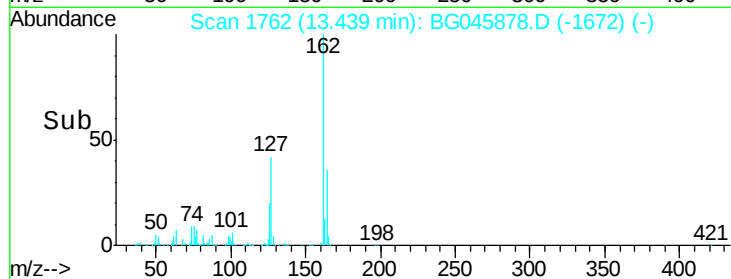
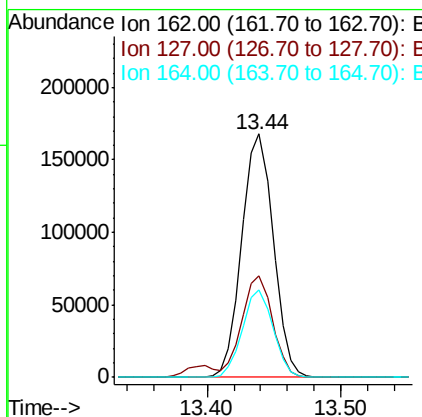
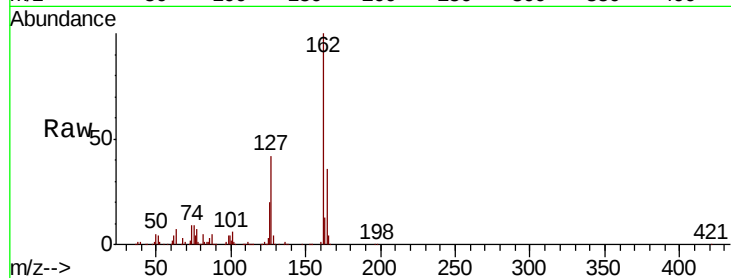




#47
2-Chloronaphthalene
Concen: 37.017 ng
RT: 13.44 min Scan# 1762
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

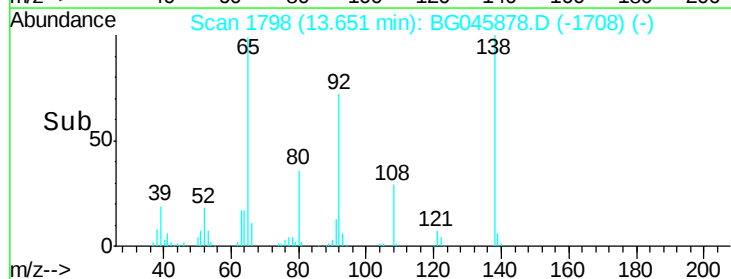
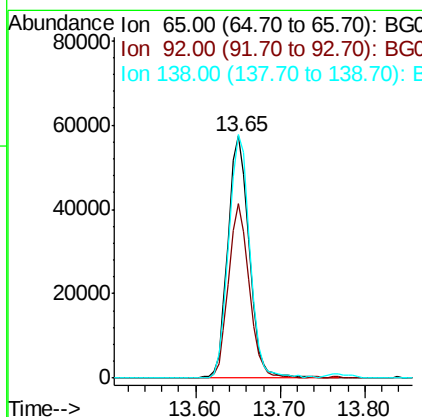
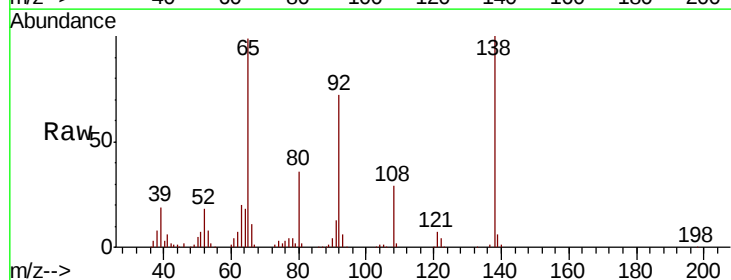
Instrument :
BNA_G
ClientSampleId :
PB129825BSD

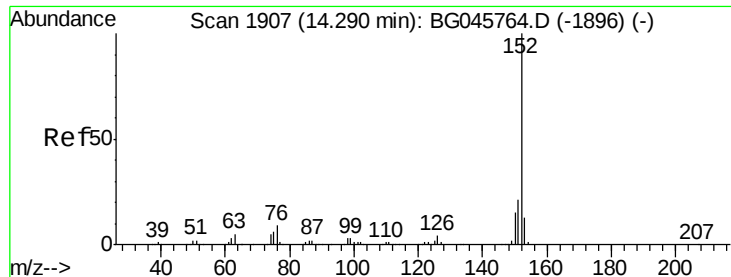
Tot Ion:162 Resp: 274994
Ion Ratio Lower Upper
162 100
127 41.6 30.5 45.7
164 36.0 27.2 40.8



#48
2-Nitroaniline
Concen: 40.272 ng
RT: 13.65 min Scan# 1798
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion: 65 Resp: 99516
Ion Ratio Lower Upper
65 100
92 72.1 59.0 88.6
138 100.6 83.6 125.4





#49

Acenaphthylene

Concen: 39.001 ng

RT: 14.28 min Scan# 1906

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

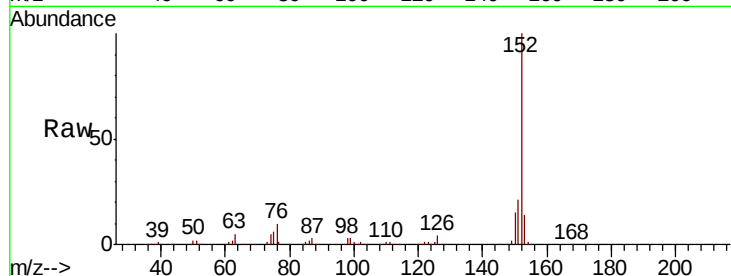
Tot Ion:152 Resp: 464073

Ion Ratio Lower Upper

152 100

151 21.3 17.0 25.4

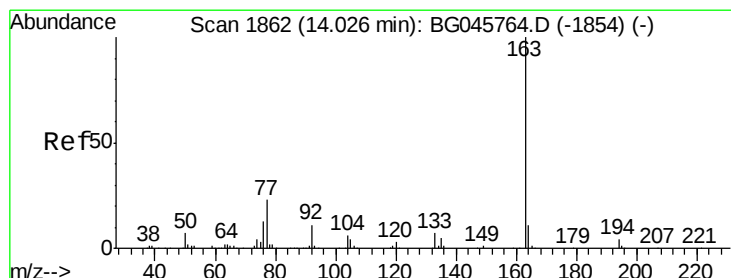
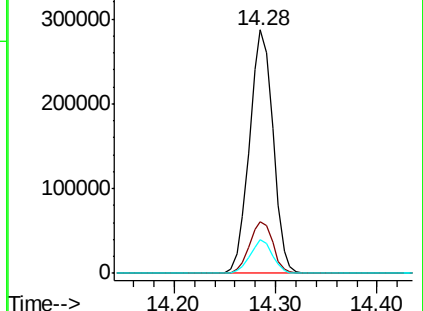
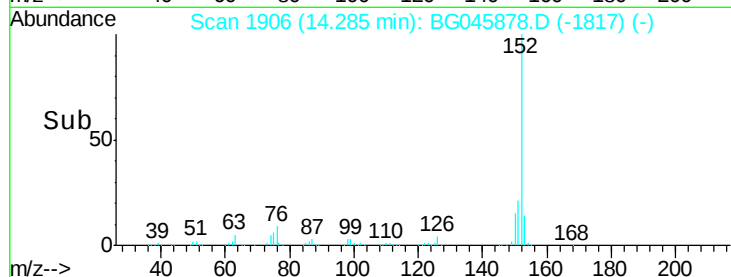
153 13.9 10.6 15.8



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: 39.738 ng

RT: 14.02 min Scan# 1861

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

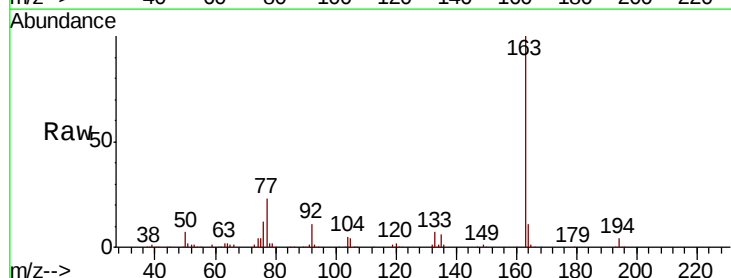
Tgt Ion:163 Resp: 399878

Ion Ratio Lower Upper

163 100

194 4.2 3.4 5.0

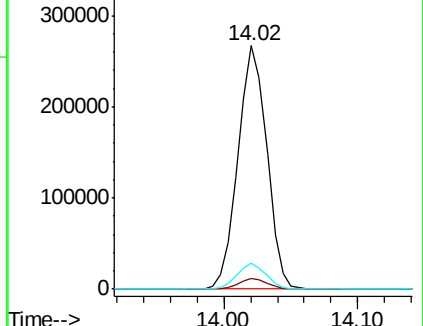
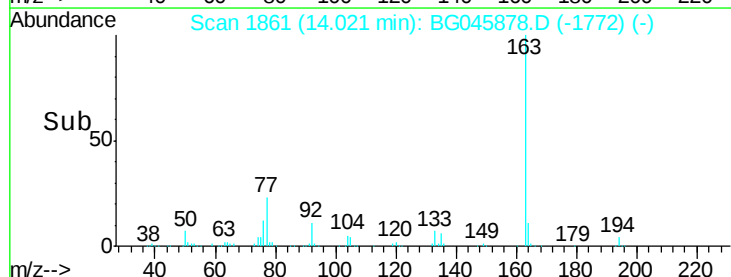
164 10.9 8.9 13.3

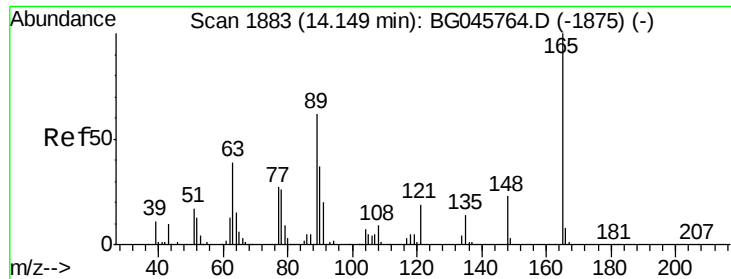


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E





#51

2,6-Dinitrotoluene

Concen: 39.754 ng

RT: 14.14 min Scan# 1882

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

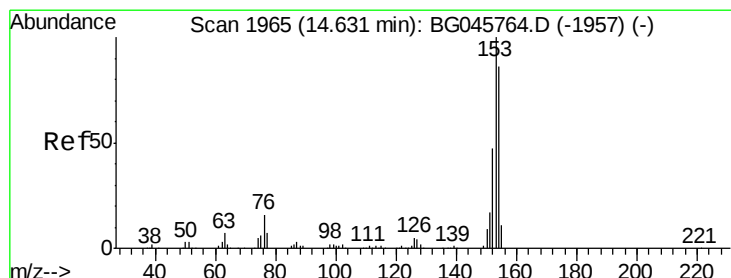
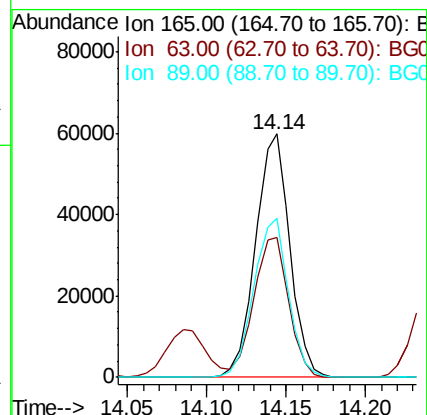
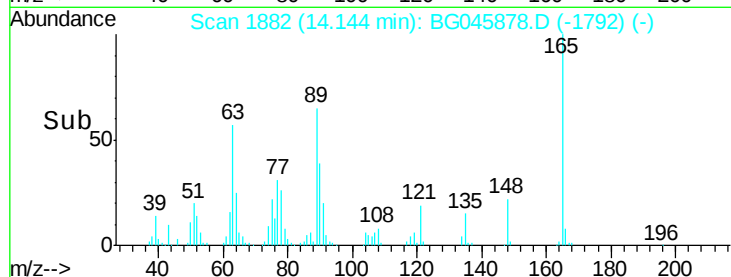
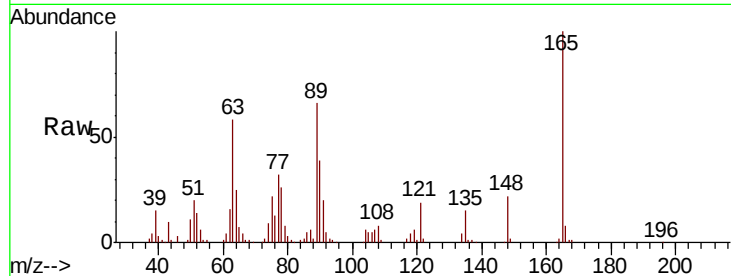
Tot Ion:165 Resp: 89850

Ion Ratio Lower Upper

165 100

63 57.7 41.2 61.8

89 65.5 49.7 74.5



#52

Acenaphthene

Concen: 39.212 ng

RT: 14.63 min Scan# 1964

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

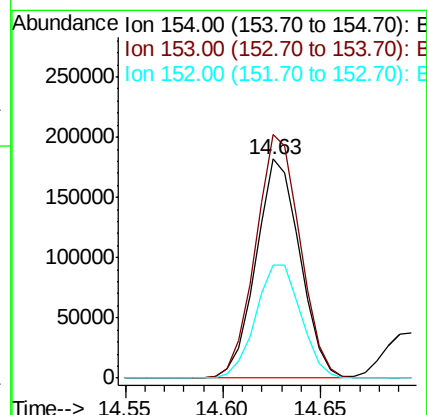
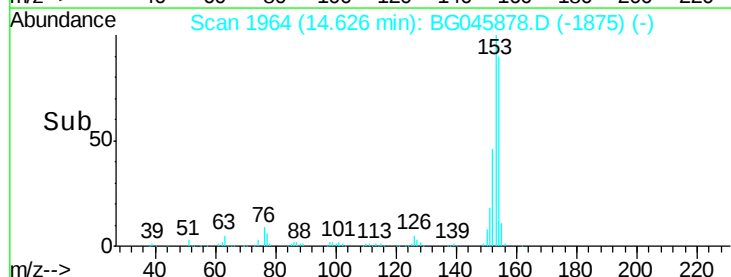
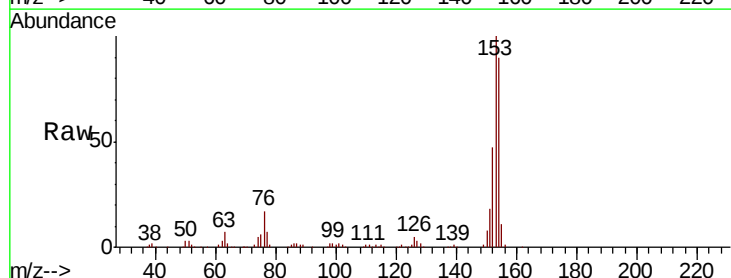
Tgt Ion:154 Resp: 282824

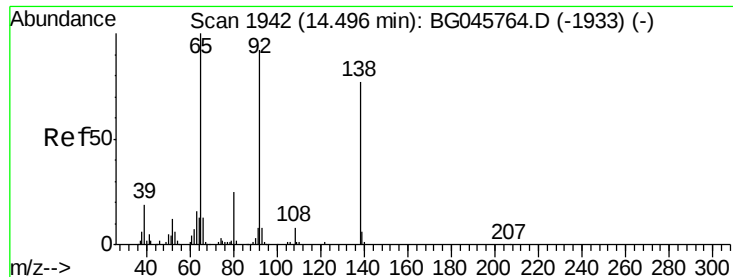
Ion Ratio Lower Upper

154 100

153 111.1 93.0 139.4

152 51.9 43.7 65.5

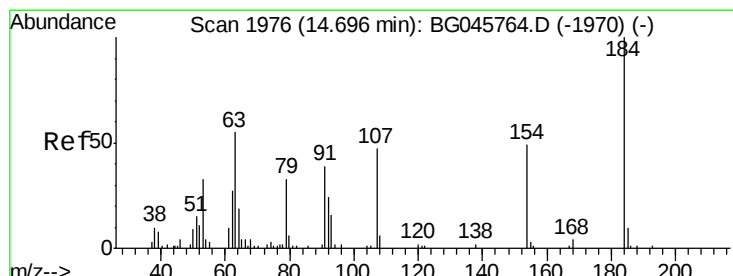
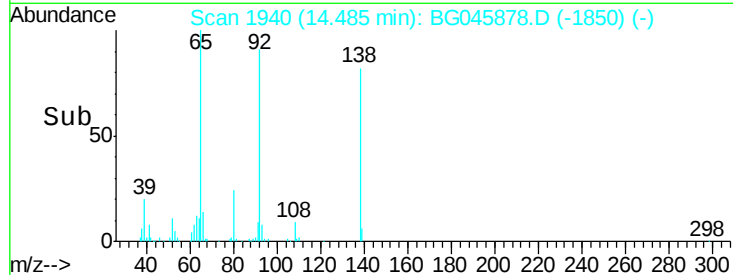
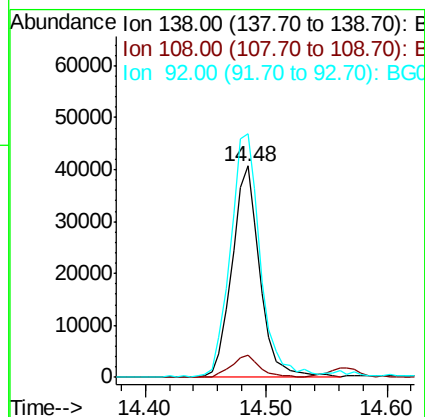
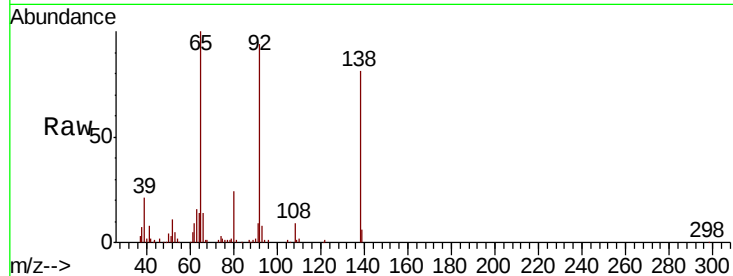




#53
 3-Nitroaniline
 Concen: 28.928 ng
 RT: 14.48 min Scan# 1940
 Delta R.T. 0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

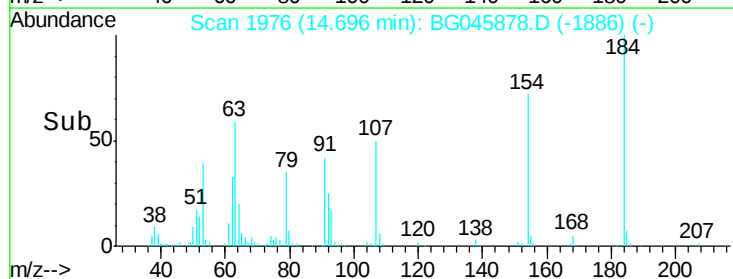
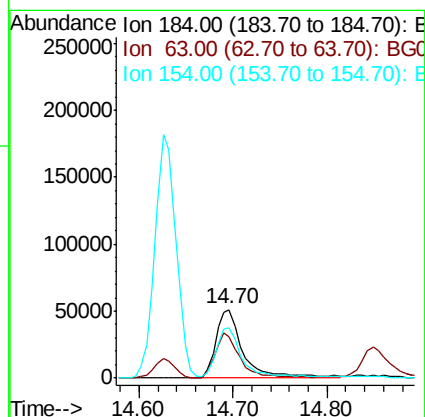
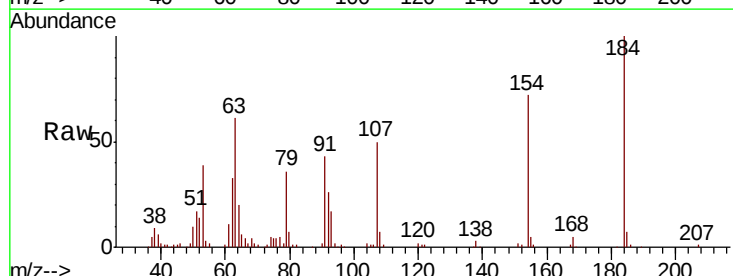
Instrument :
 BNA_G
 ClientSampleId :
 PB129825BSD

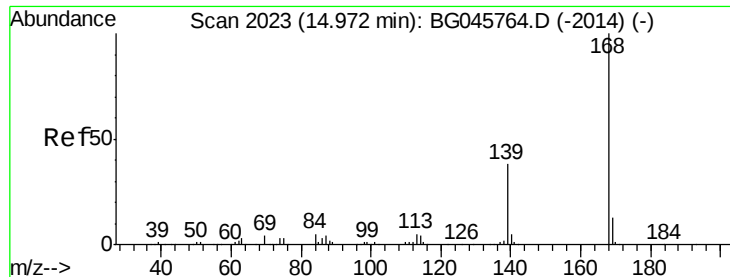
Tot Ion:138 Resp: 65306
 Ion Ratio Lower Upper
 138 100
 108 10.6 8.4 12.6
 92 115.2 95.6 143.4



#54
 2,4-Dinitrophenol
 Concen: 81.989 ng
 RT: 14.70 min Scan# 1976
 Delta R.T. 0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Tgt Ion:184 Resp: 103419
 Ion Ratio Lower Upper
 184 100
 63 60.8 46.6 70.0
 154 72.4 58.6 87.8

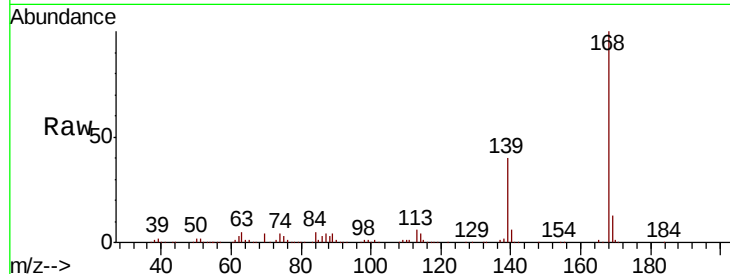




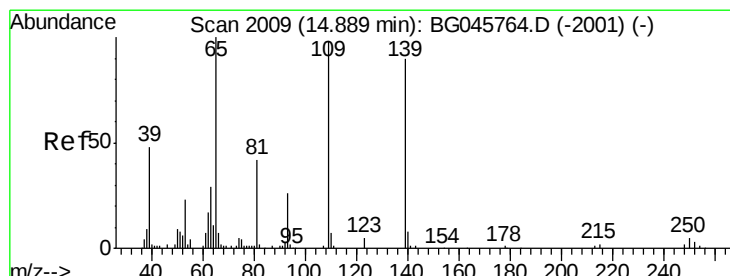
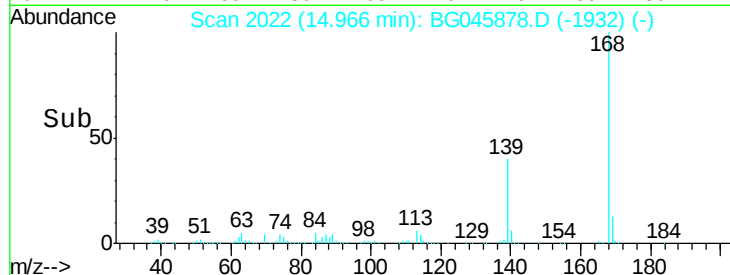
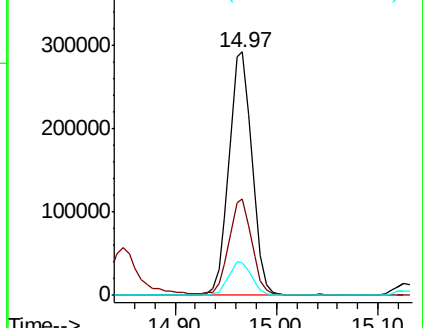
#55
Dibenzofuran
Concen: 39.513 ng
RT: 14.97 min Scan# 2022
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.6	31.8	47.6
169	13.4	10.4	15.6

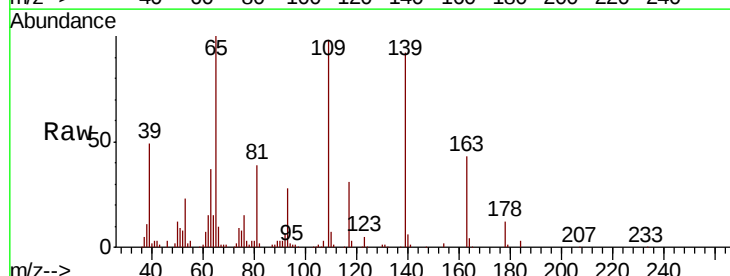


Abundance Ion 168.00 (167.70 to 168.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 169.00 (168.70 to 169.70): E

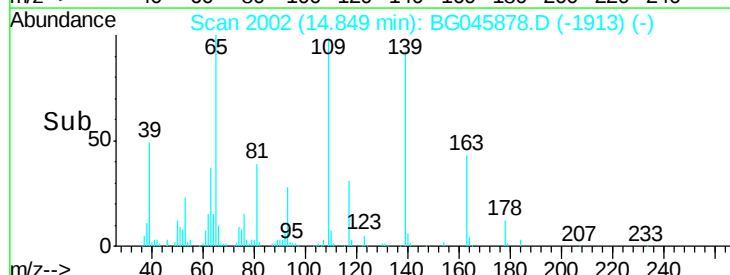
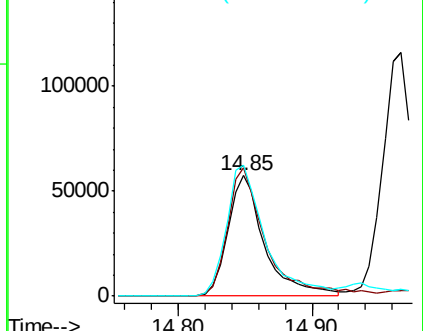


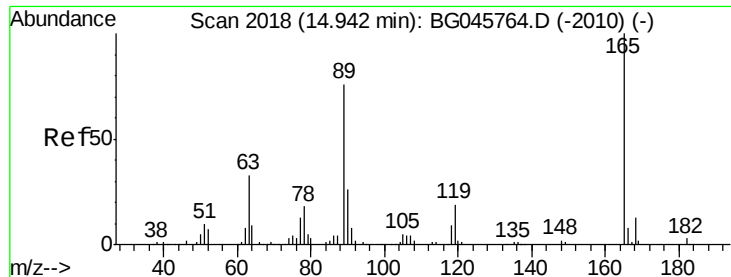
#56
4-Nitrophenol
Concen: 68.807 ng
RT: 14.85 min Scan# 2002
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
139	100		
109	106.7	88.9	128.9
65	108.7	92.3	132.3



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

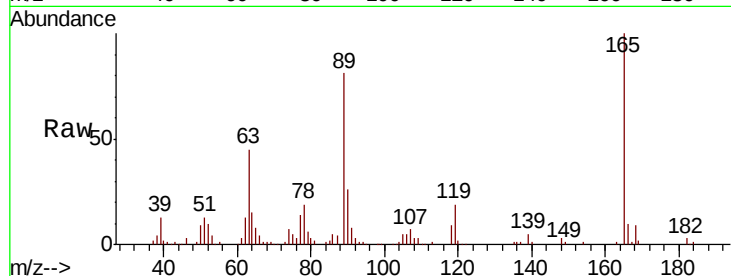




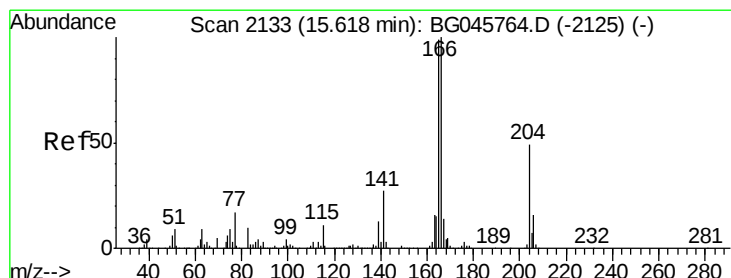
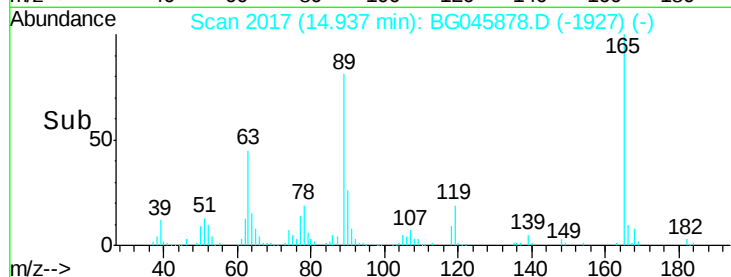
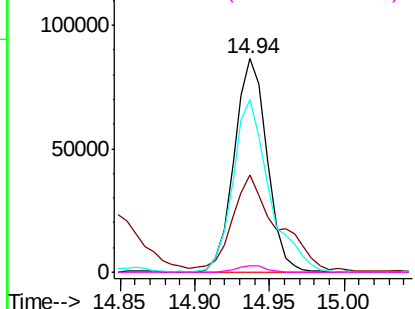
#57
2,4-Dinitrotoluene
Concen: 40.860 ng
RT: 14.94 min Scan# 2017
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion:165	Resp:	132319
Ion Ratio	Lower	Upper
165	100	
63	45.4	33.8 50.8
89	81.2	60.4 90.6
182	3.1	2.6 3.8

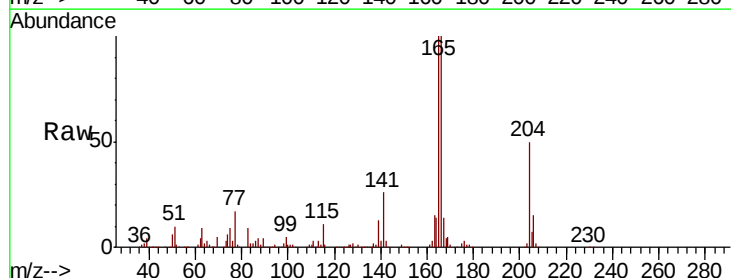


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

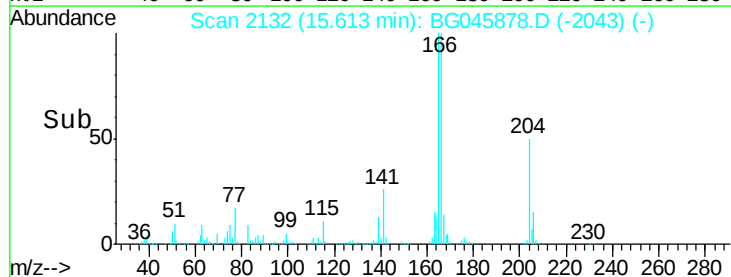
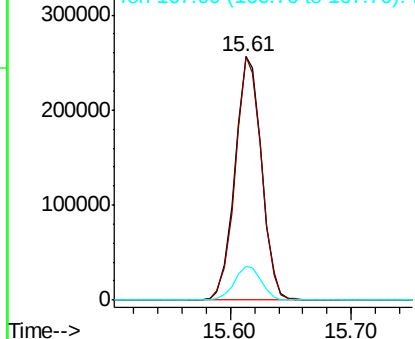


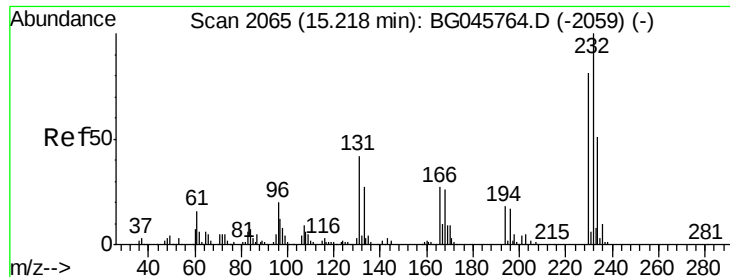
#58
Fluorene
Concen: 40.246 ng
RT: 15.61 min Scan# 2132
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion:166	Resp:	392111
Ion Ratio	Lower	Upper
166	100	
165	100.1	79.1 118.7
167	13.9	11.5 17.3



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

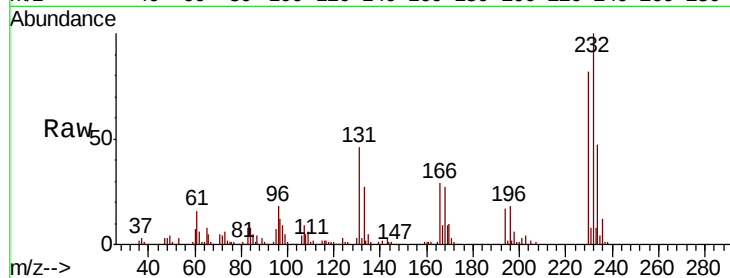




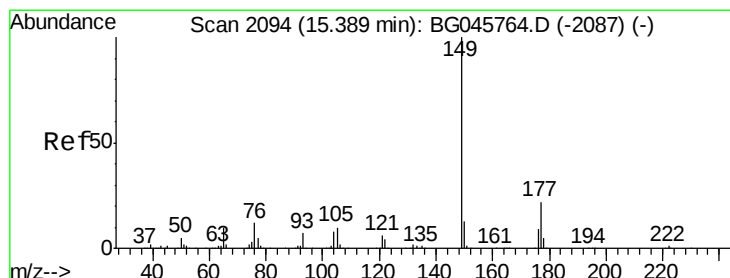
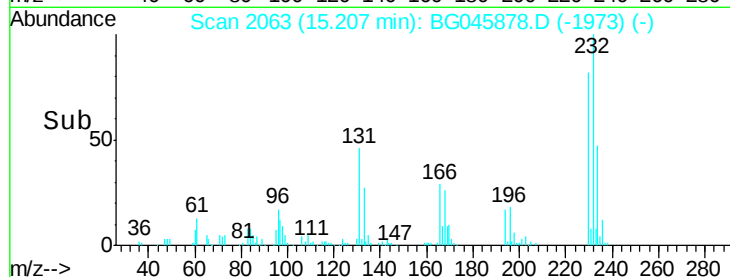
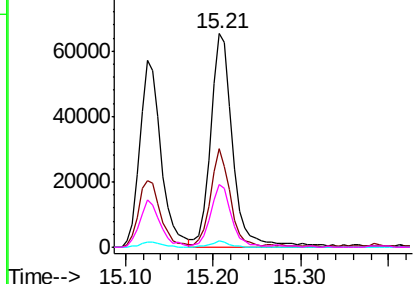
#59
2,3,4,6-Tetrachlorophenol
Concen: 40.972 ng
RT: 15.21 min Scan# 2063
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion:232	Resp:	116225	
Ion Ratio	Lower	Upper	
232 100			
131 39.8	32.2	48.2	
130 2.4	2.2	3.4	
166 26.8	21.3	31.9	

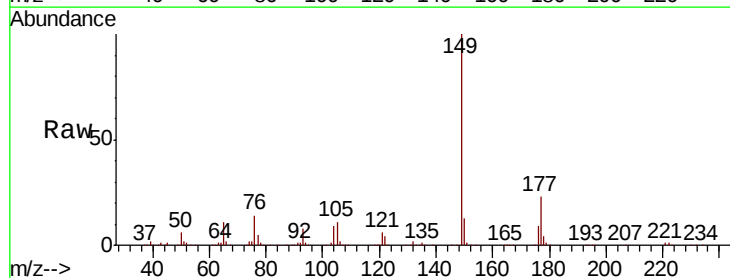


Abundance Ion 232.00 (231.70 to 232.70): E
100000
Ion 131.00 (130.70 to 131.70): E
80000
Ion 130.00 (129.70 to 130.70): E
60000
Ion 166.00 (165.70 to 166.70): E
40000
20000
0

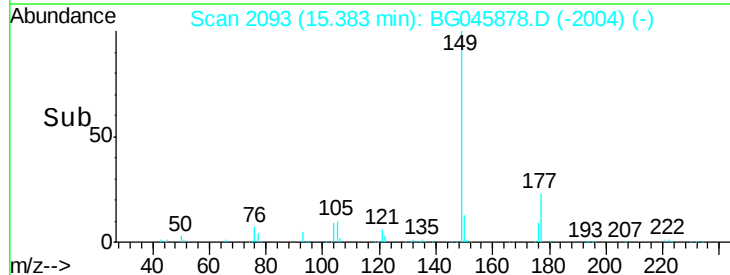
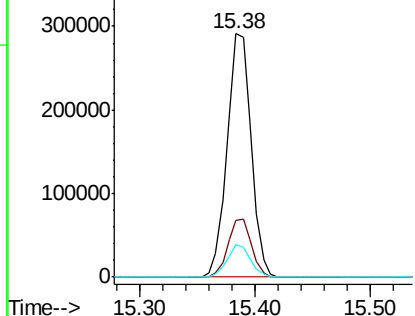


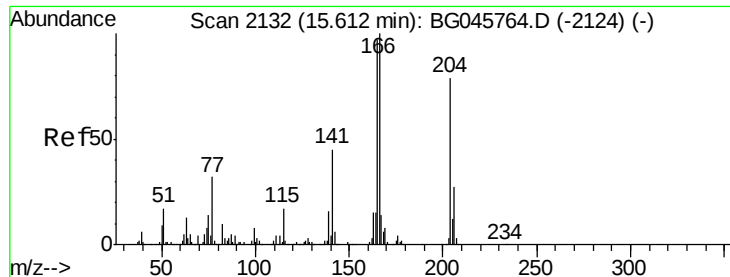
#60
Diethylphthalate
Concen: 40.791 ng
RT: 15.38 min Scan# 2093
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion:149	Resp: 419622
Ion Ratio	Lower Upper
149 100	
177 23.4	17.2 25.8
150 13.2	10.7 16.1



Abundance Ion 149.00 (148.70 to 149.70): E
400000
Ion 177.00 (176.70 to 177.70): E
300000
Ion 150.00 (149.70 to 150.70): E
200000
100000
0

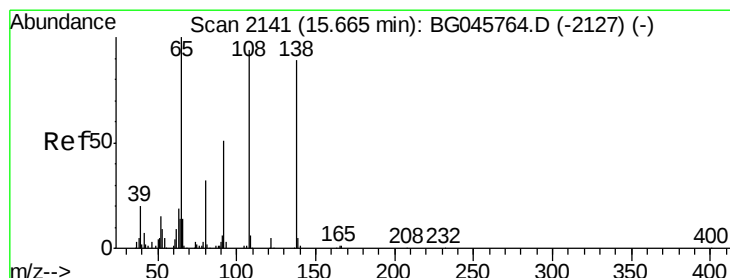
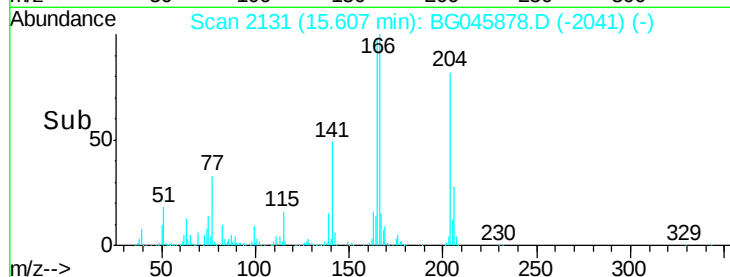
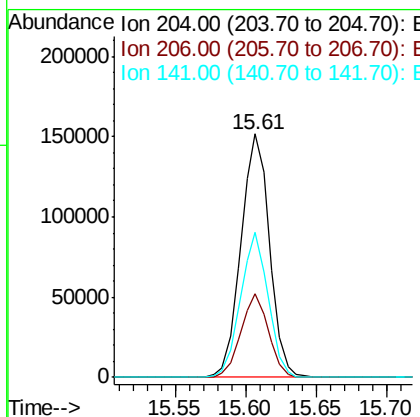
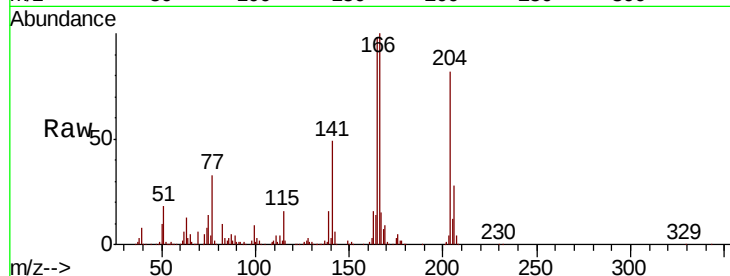




#61
4-Chlorophenyl-phenylether
Concen: 38.142 ng
RT: 15.61 min Scan# 2131
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

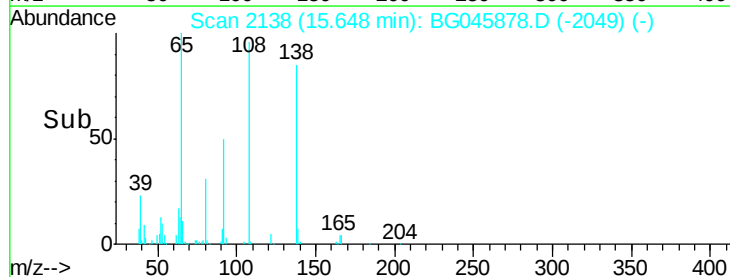
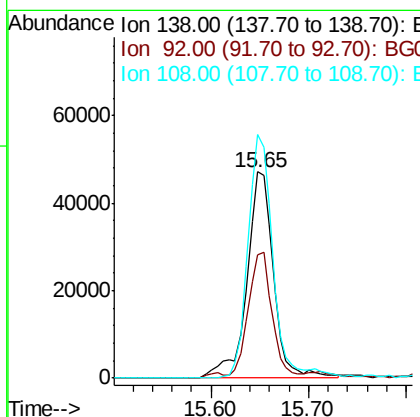
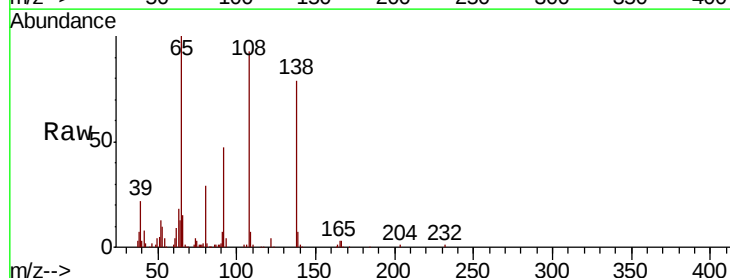
Instrument :
BNA_G
ClientSampleId :
PB129825BSD

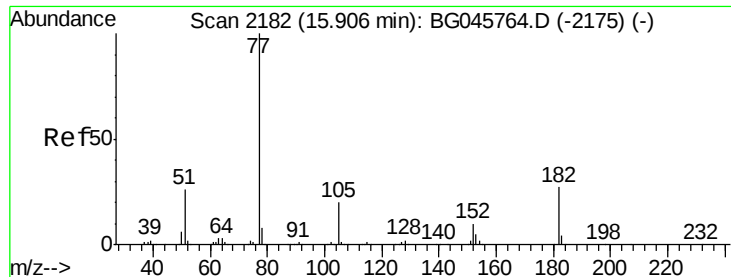
Tot Ion:204 Resp: 214183
Ion Ratio Lower Upper
204 100
206 34.2 27.2 40.8
141 59.4 45.9 68.9



#62
4-Nitroaniline
Concen: 38.833 ng
RT: 15.65 min Scan# 2138
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion:138 Resp: 89974
Ion Ratio Lower Upper
138 100
92 59.9 37.3 77.3
108 118.2 85.0 125.0

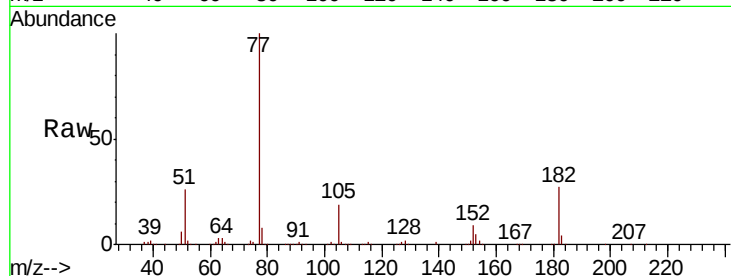




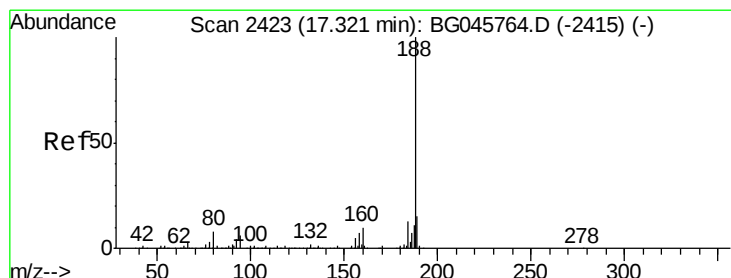
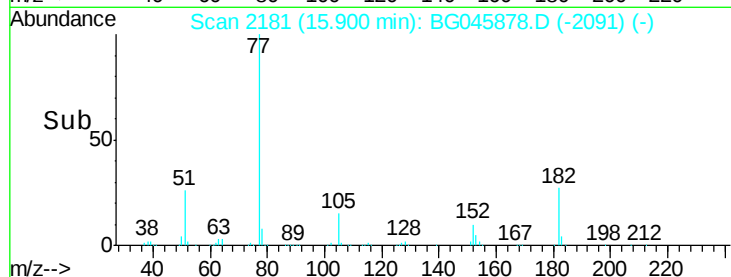
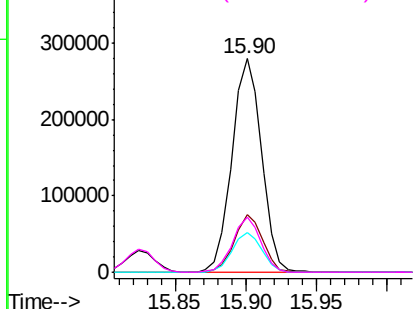
#63
Azobenzene
Concen: 41.196 ng
RT: 15.90 min Scan# 2181
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion:	77	Resp:	406916
Ion	Ratio	Lower	Upper
77	100		
182	26.9	7.4	47.4
105	18.5	0.1	40.1
51	25.9	5.7	45.7

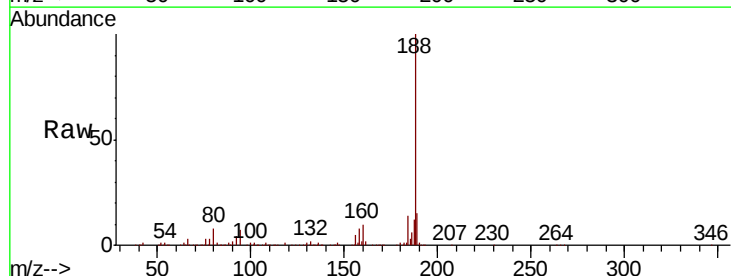


Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

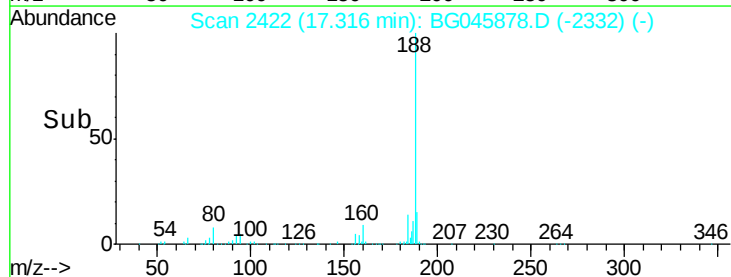
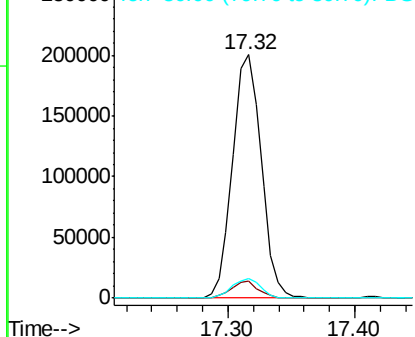


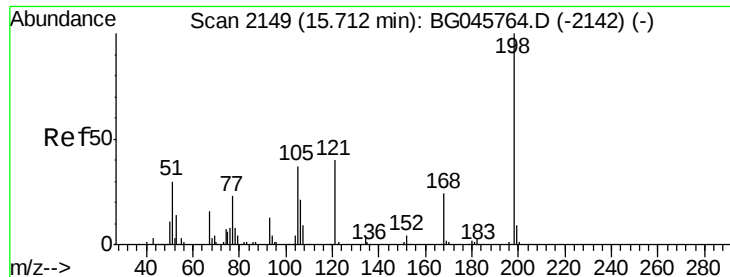
#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion:	188	Resp:	314267
Ion	Ratio	Lower	Upper
188	100		
94	6.9	5.1	7.7
80	8.3	6.2	9.4



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

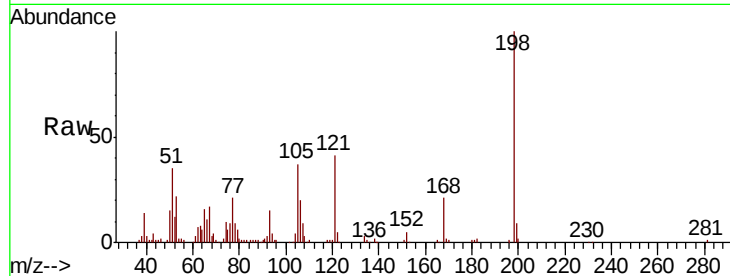




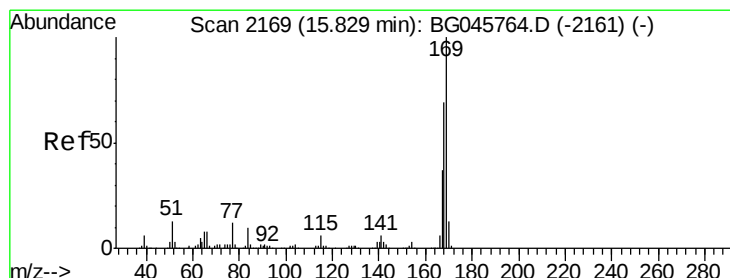
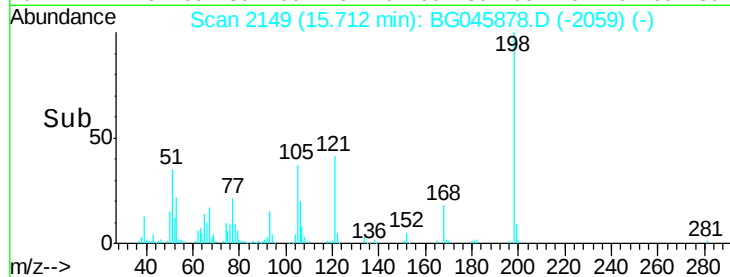
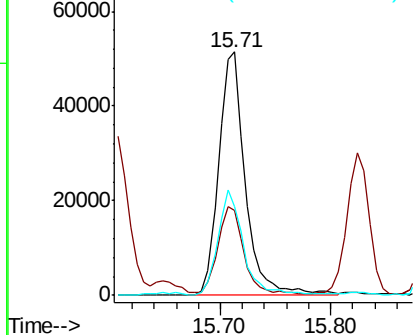
#65
 4,6-Dinitro-2-methylphenol
 Concen: 44.364 ng
 RT: 15.71 min Scan# 2149
 Delta R.T. 0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Instrument :
 BNA_G
 ClientSampleId :
 PB129825BSD

Tot Ion:198 Resp: 86162
 Ion Ratio Lower Upper
 198 100
 51 34.6 14.6 54.6
 105 36.5 18.4 58.4

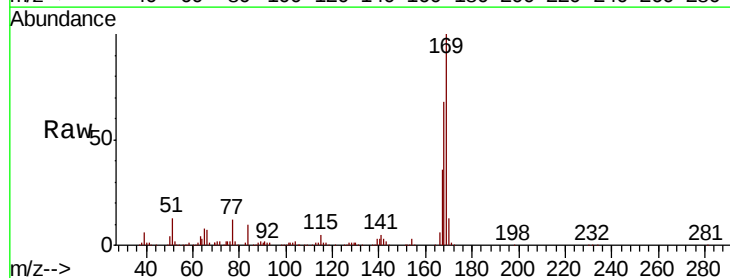


Abundance Ion 198.00 (197.70 to 198.70): E
 Ion 51.00 (50.70 to 51.70): BG
 Ion 105.00 (104.70 to 105.70): E

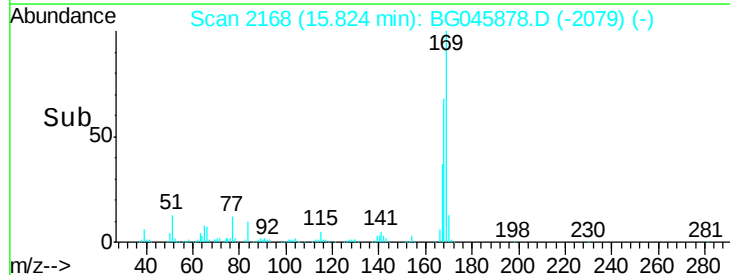
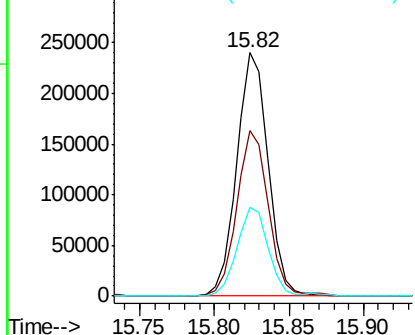


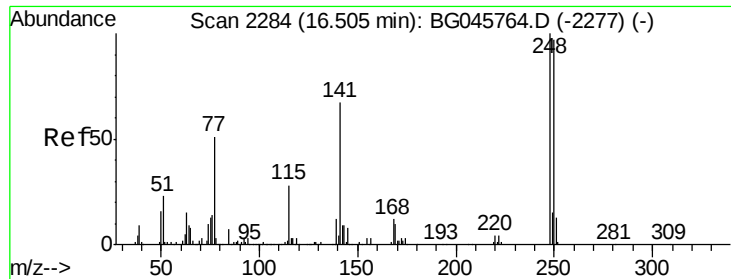
#66
 n-Nitrosodiphenylamine
 Concen: 39.273 ng
 RT: 15.82 min Scan# 2168
 Delta R.T. -0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Tgt Ion:169 Resp: 349584
 Ion Ratio Lower Upper
 169 100
 168 67.7 55.2 82.8
 167 36.5 29.8 44.6



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

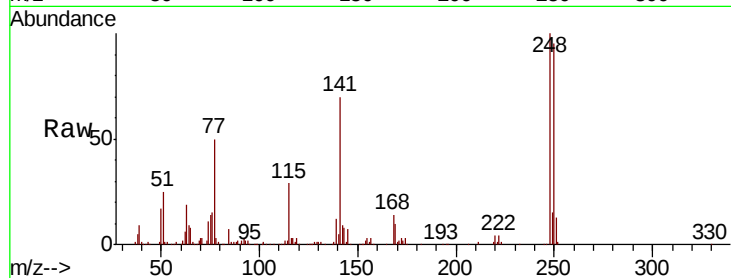




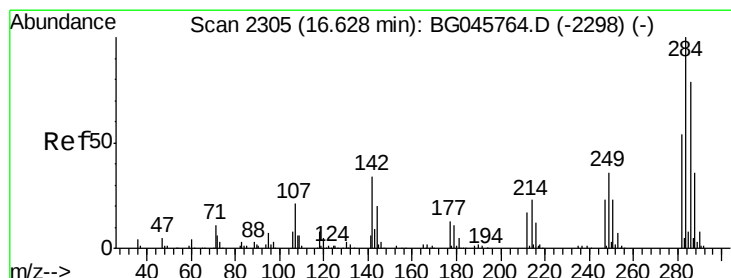
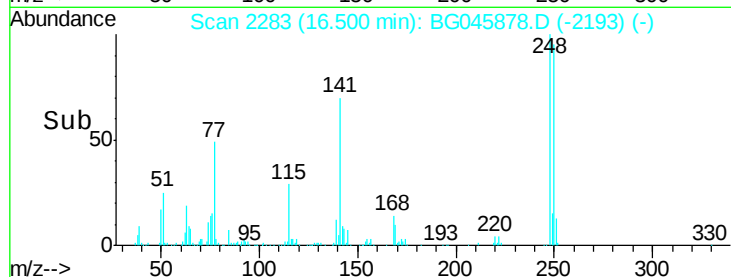
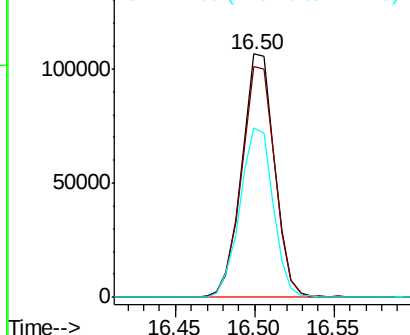
#67
4-Bromophenyl-phenylether
Concen: 37.430 ng
RT: 16.50 min Scan# 2283
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion:248 Resp: 152843
Ion Ratio Lower Upper
248 100
250 94.9 78.0 117.0
141 69.8 53.9 80.9

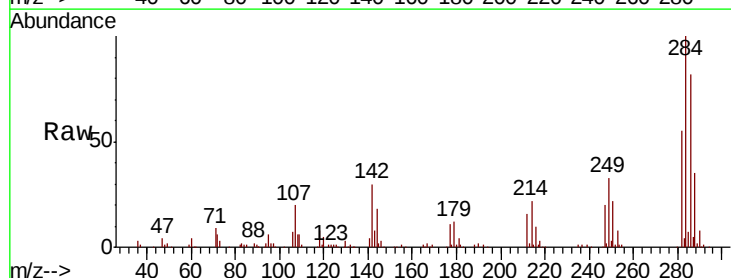


Abundance Ion 248.00 (247.70 to 248.70): E
Ion 250.00 (249.70 to 250.70): E
Ion 141.00 (140.70 to 141.70): E

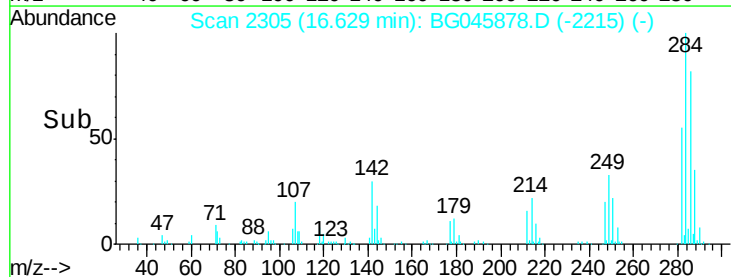
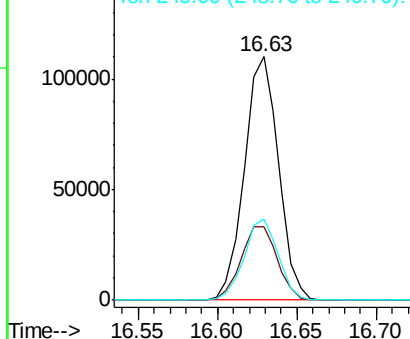


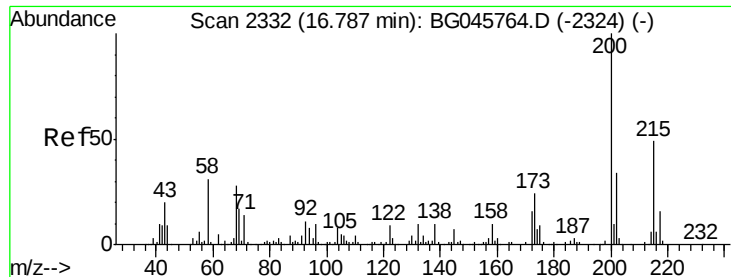
#68
Hexachlorobenzene
Concen: 38.783 ng
RT: 16.63 min Scan# 2305
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion:284 Resp: 164222
Ion Ratio Lower Upper
284 100
142 30.1 26.9 40.3
249 33.5 28.6 42.8



Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E





#69

Atrazine

Concen: 39.616 ng

RT: 16.78 min Scan# 2331

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

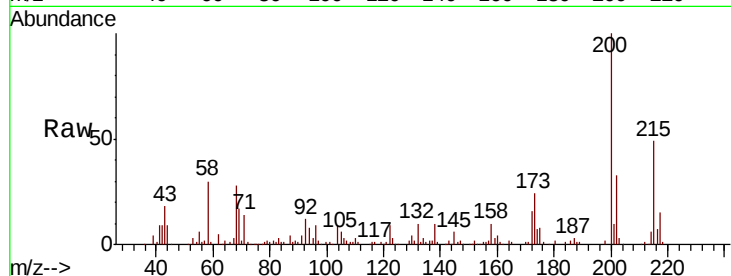
Tot Ion:200 Resp: 136836

Ion Ratio Lower Upper

200 100

173 23.9 3.9 43.9

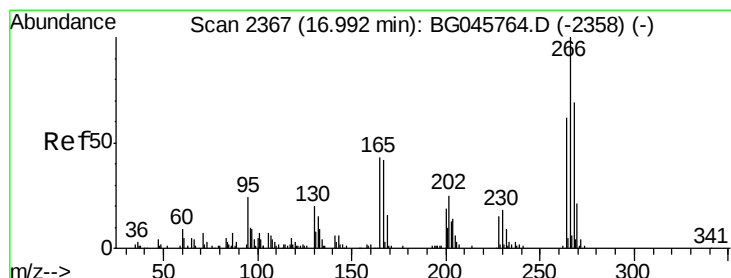
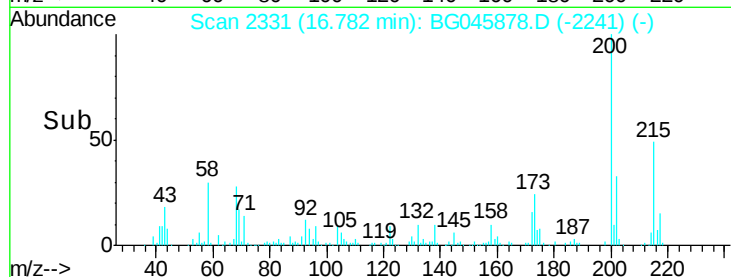
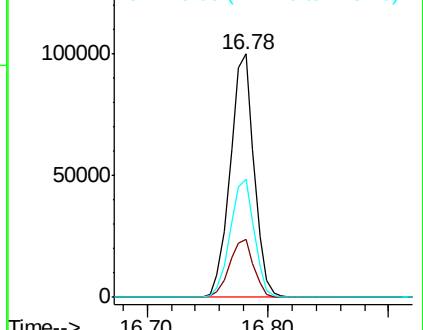
215 48.6 28.8 68.8



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: 62.746 ng

RT: 16.98 min Scan# 2365

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

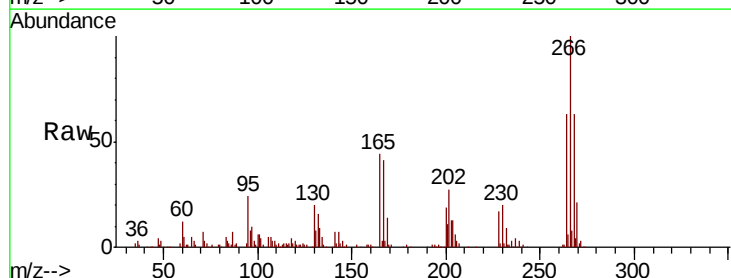
Tgt Ion:266 Resp: 127232

Ion Ratio Lower Upper

266 100

268 63.4 55.4 83.0

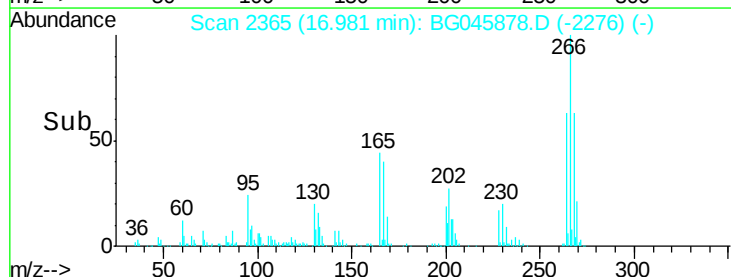
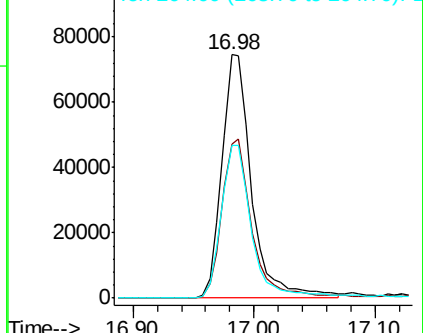
264 62.8 49.8 74.6

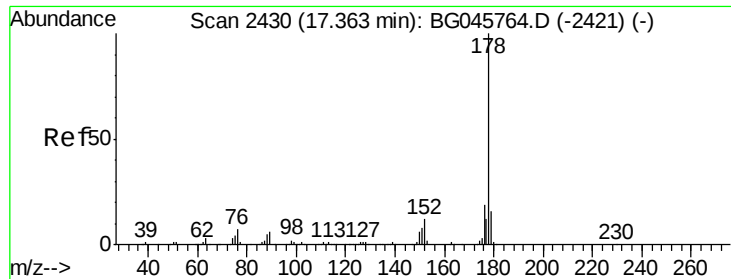


Abundance Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E

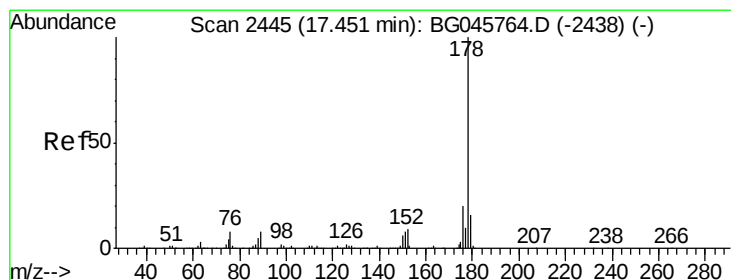
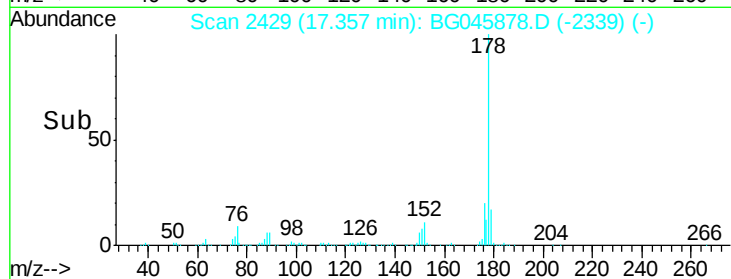
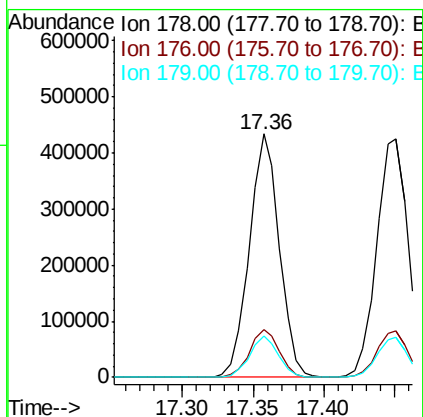
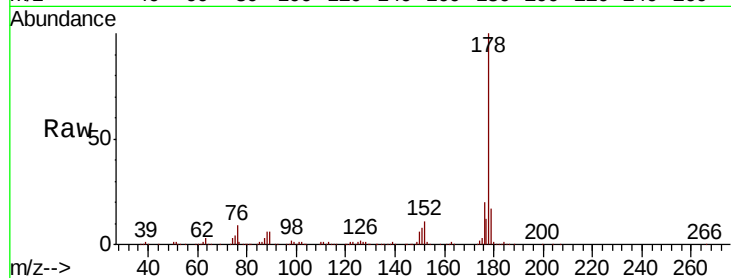




#71
Phenanthrene
Concen: 40.023 ng
RT: 17.36 min Scan# 2429
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

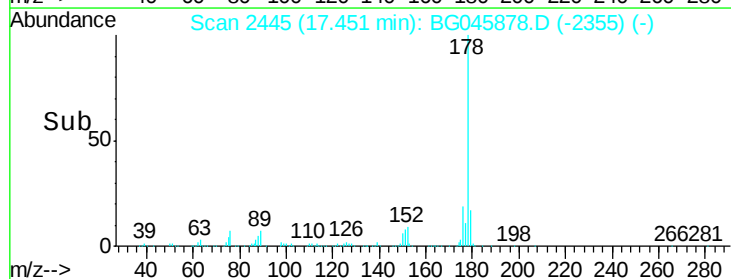
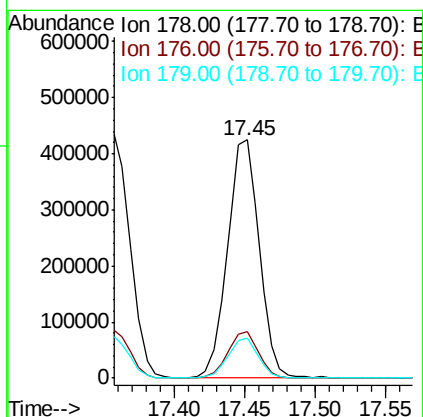
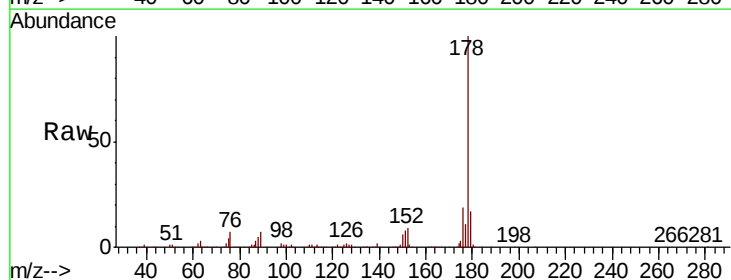
Instrument :
BNA_G
ClientSampleId :
PB129825BSD

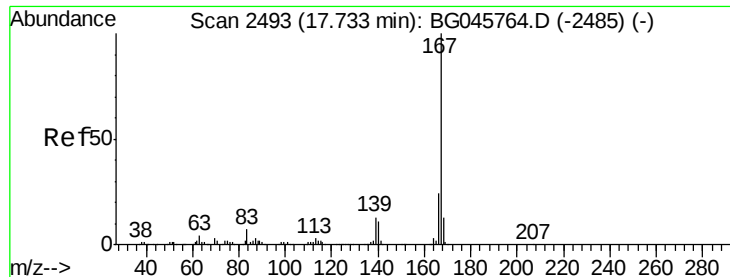
Tot Ion:178 Resp: 648692
Ion Ratio Lower Upper
178 100
176 19.8 15.5 23.3
179 17.0 13.2 19.8



#72
Anthracene
Concen: 40.849 ng
RT: 17.45 min Scan# 2445
Delta R.T. 0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion:178 Resp: 659297
Ion Ratio Lower Upper
178 100
176 19.4 15.6 23.4
179 16.6 13.1 19.7

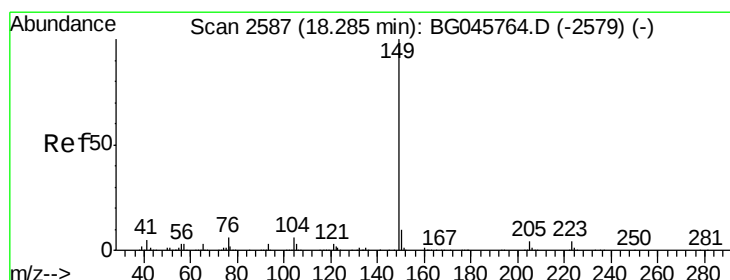
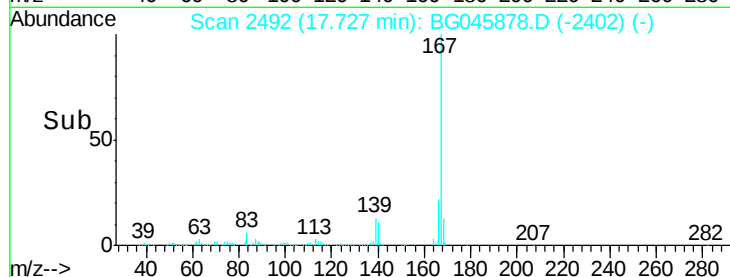
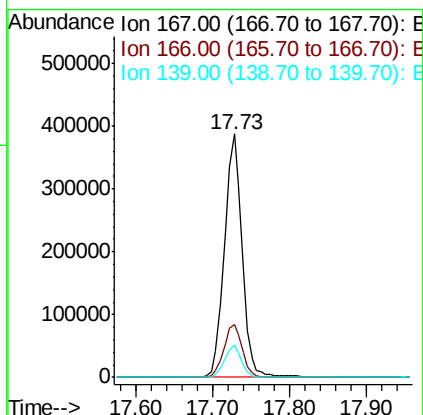
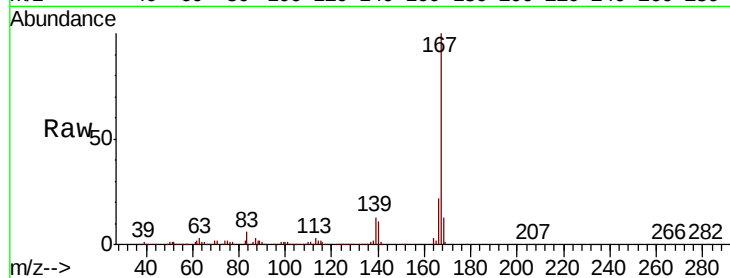




#73
 Carbazole
 Concen: 40.330 ng
 RT: 17.73 min Scan# 2492
 Delta R.T. 0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

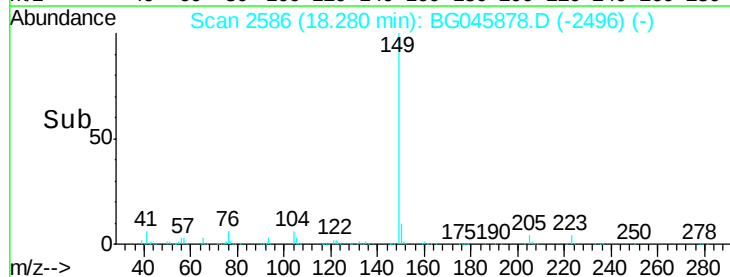
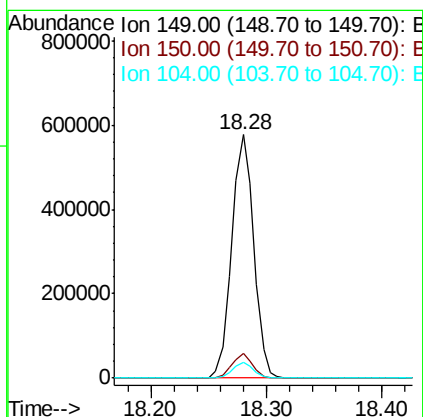
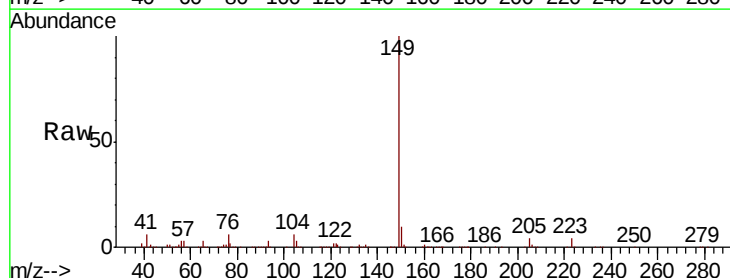
Instrument :
 BNA_G
 ClientSampleId :
 PB129825BSD

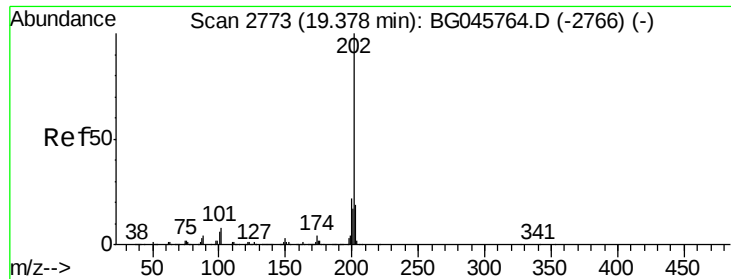
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	18.9	28.3
139	13.2	10.6	15.8



#74
 Di-n-butylphthalate
 Concen: 41.709 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. 0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.2	7.7	11.5
104	6.5	5.1	7.7





#75

Fluoranthene

Concen: 42.650 ng

RT: 19.37 min Scan# 2772

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

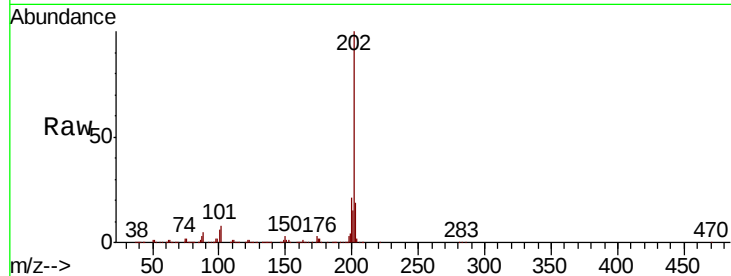
Tot Ion:202 Resp: 850033

Ion Ratio Lower Upper

202 100

101 7.6 0.0 27.7

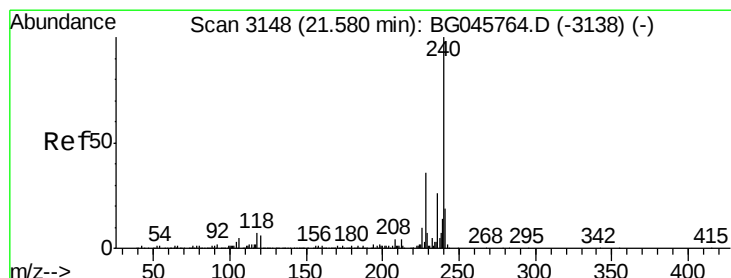
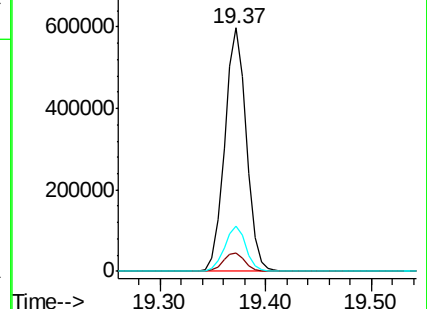
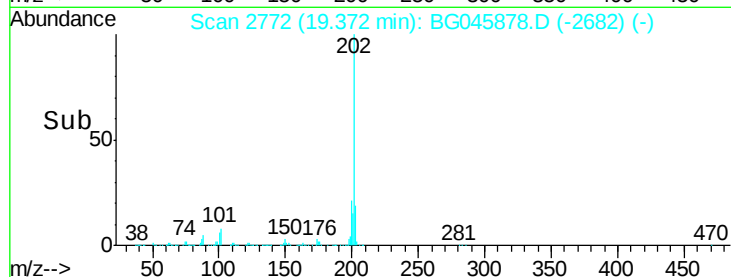
203 18.8 0.0 38.7



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: 21.58 min Scan# 3147

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

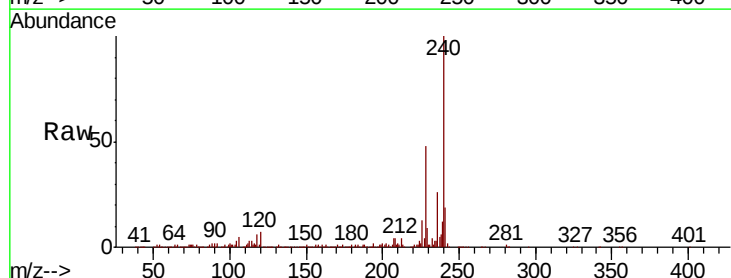
Tgt Ion:240 Resp: 314012

Ion Ratio Lower Upper

240 100

120 6.6 5.0 7.4

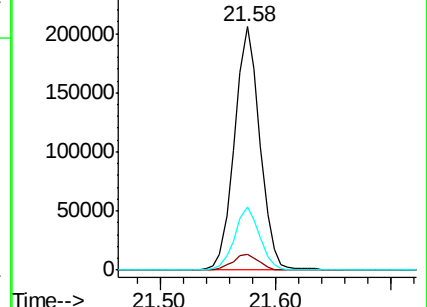
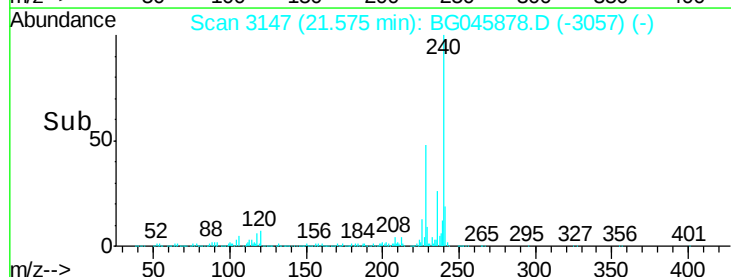
236 26.1 20.6 30.8

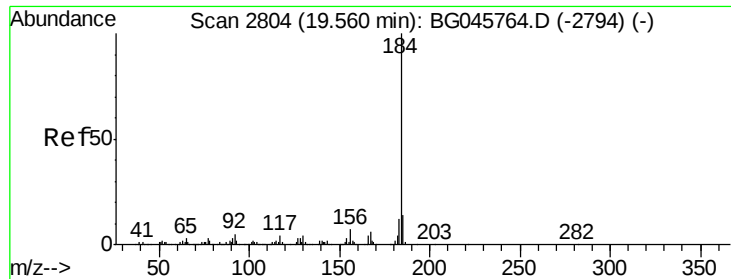


Abundance Ion 240.00 (239.70 to 240.70): E

Ion 120.00 (119.70 to 120.70): E

Ion 236.00 (235.70 to 236.70): E





#77

Benzidine

Concen: 47.389 ng

RT: 19.55 min Scan# 2803

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

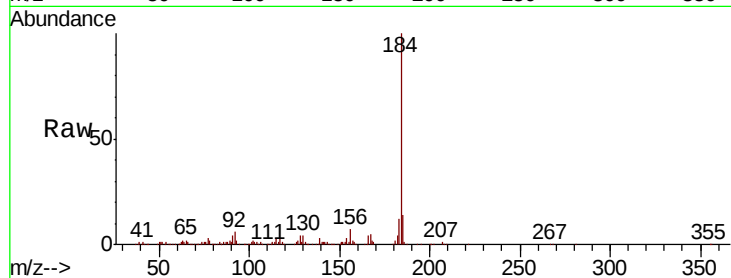
Tot Ion:184 Resp: 386857

Ion Ratio Lower Upper

184 100

185 13.8 11.1 16.7

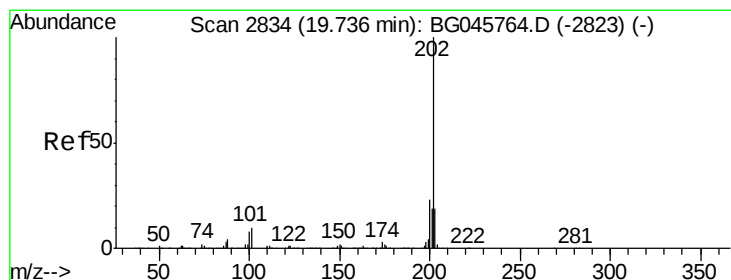
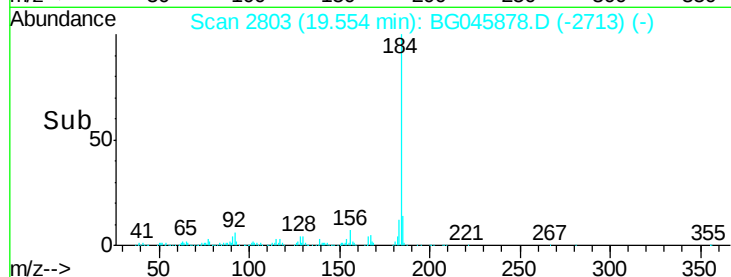
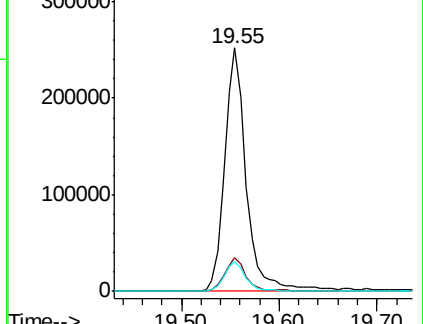
183 12.4 9.7 14.5



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: 39.698 ng

RT: 19.73 min Scan# 2833

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

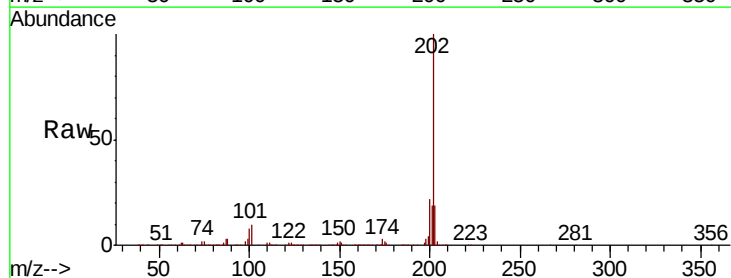
Tgt Ion:202 Resp: 834752

Ion Ratio Lower Upper

202 100

200 22.2 18.2 27.2

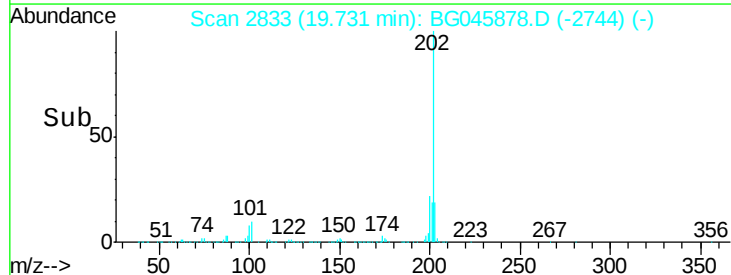
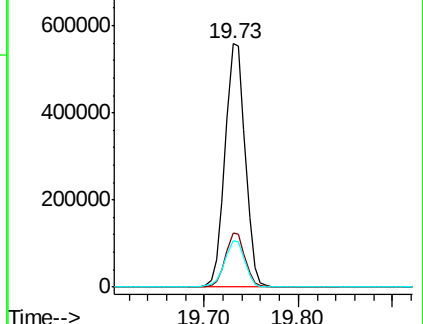
203 19.4 14.8 22.2

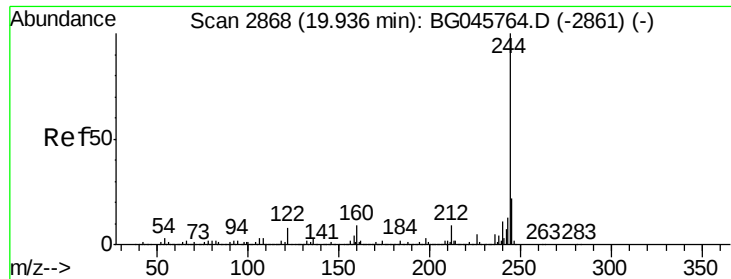


Abundance Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 84.425 ng

RT: 19.93 min Scan# 2867

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

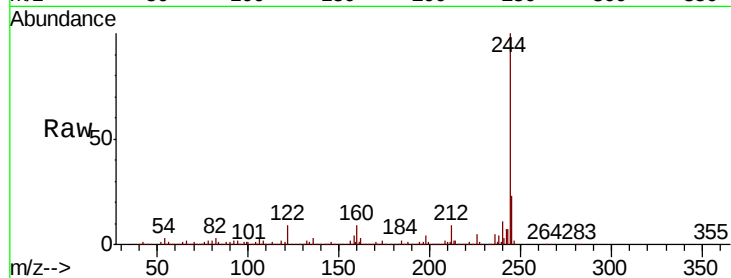
Tot Ion:244 Resp: 1308132

Ion Ratio Lower Upper

244 100

212 9.2 7.2 10.8

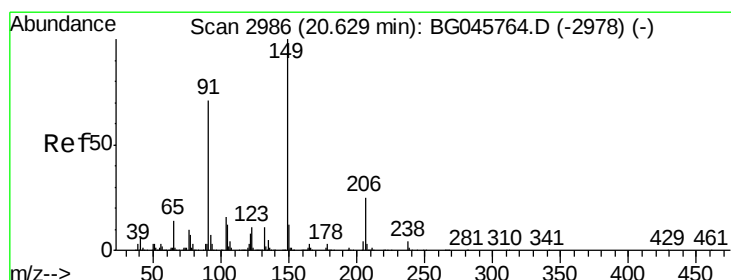
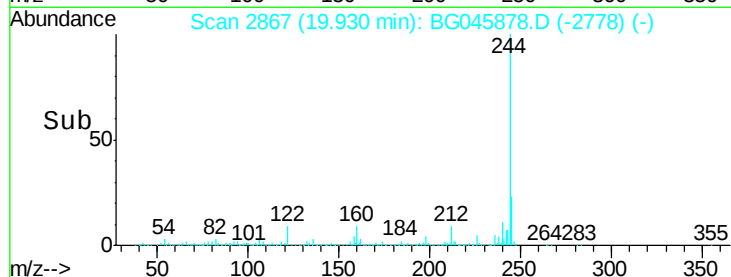
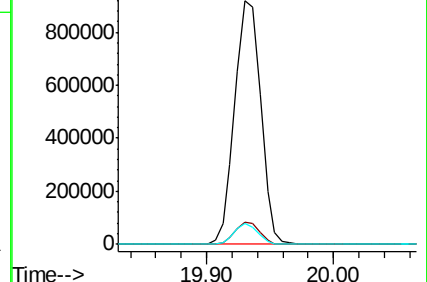
122 8.7 6.4 9.6



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: 38.366 ng

RT: 20.62 min Scan# 2985

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

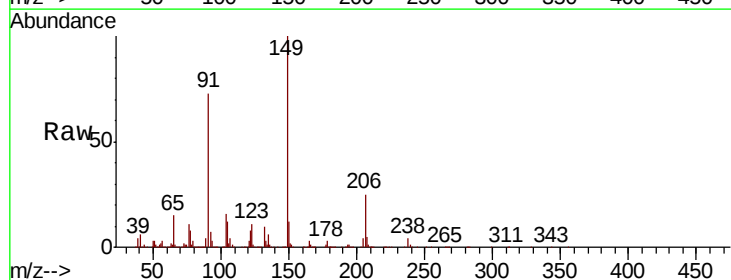
Tgt Ion:149 Resp: 337682

Ion Ratio Lower Upper

149 100

91 73.2 56.4 84.6

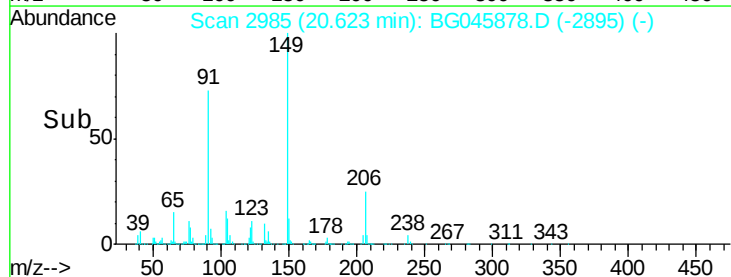
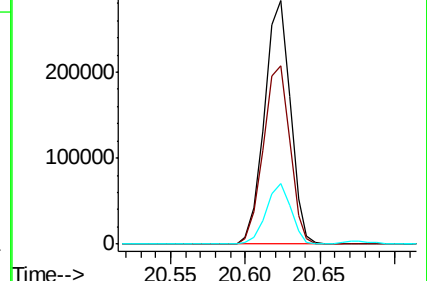
206 25.0 19.8 29.6

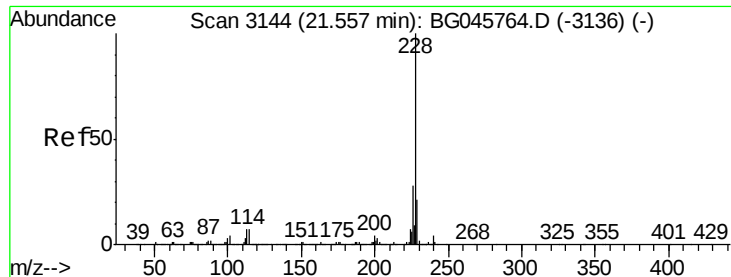


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E





#81

Benzo(a)anthracene

Concen: 39.078 ng

RT: 21.56 min Scan# 3144

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

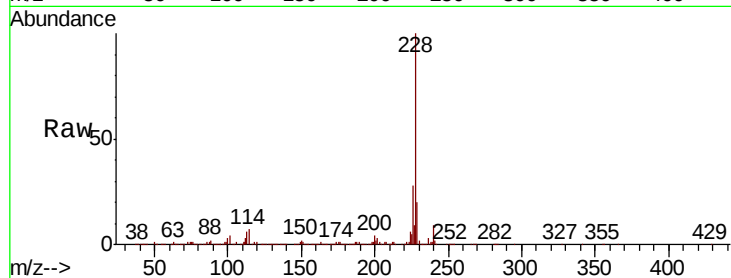
Tot Ion:228 Resp: 795569

Ion Ratio Lower Upper

228 100

226 27.8 22.7 34.1

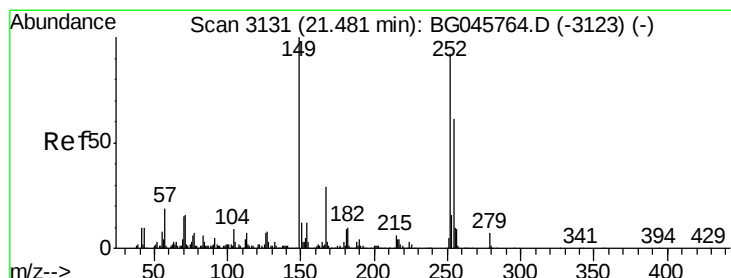
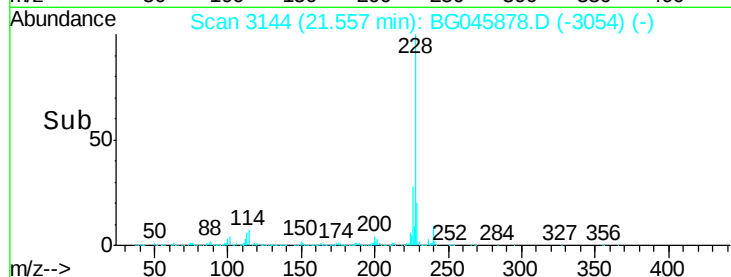
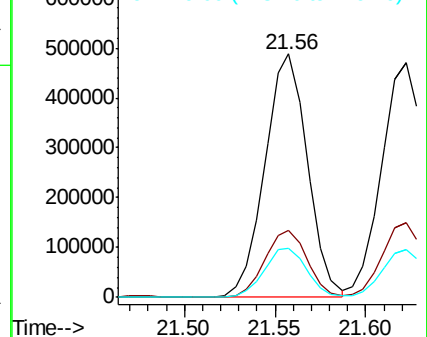
229 20.0 16.6 24.8



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 28.664 ng

RT: 21.48 min Scan# 3130

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

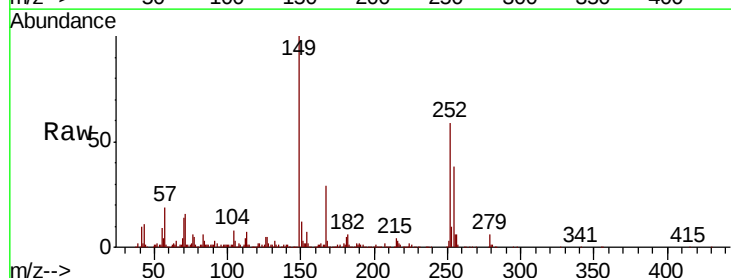
Tgt Ion:252 Resp: 220737

Ion Ratio Lower Upper

252 100

254 63.9 53.4 80.0

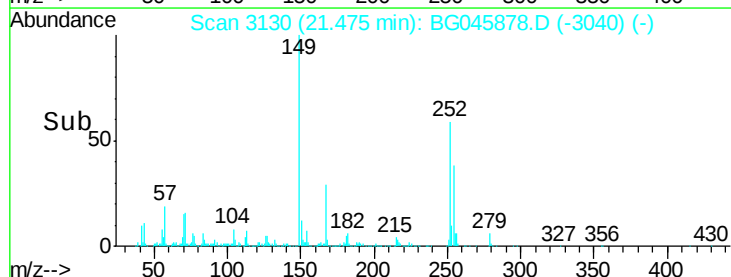
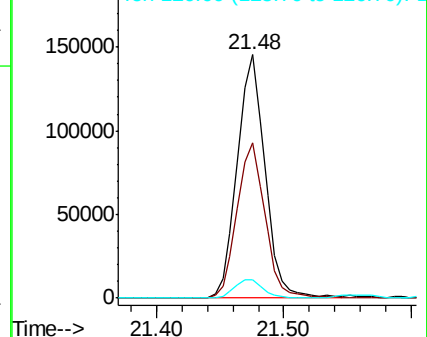
126 7.8 5.8 8.8

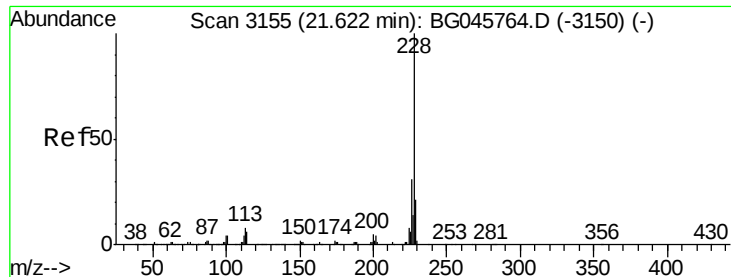


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





#83

Chrysene

Concen: 39.235 ng

RT: 21.62 min Scan# 3155

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

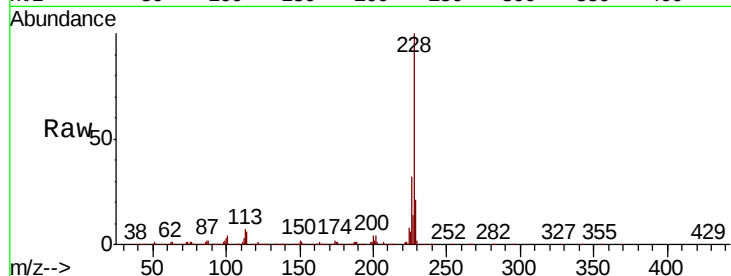
Tot Ion:228 Resp: 772576

Ion Ratio Lower Upper

228 100

226 32.0 25.1 37.7

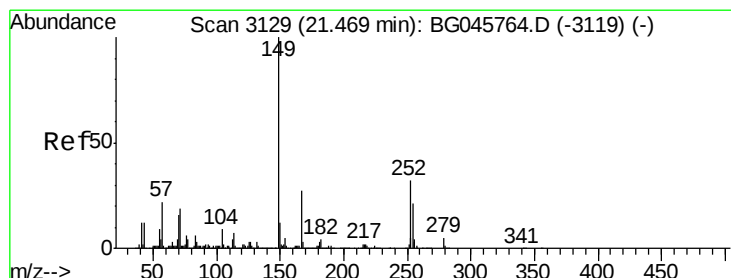
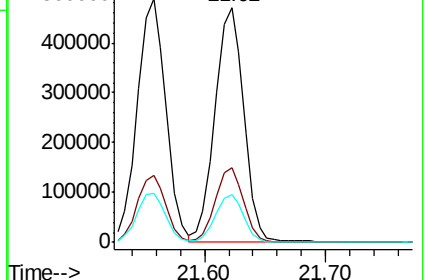
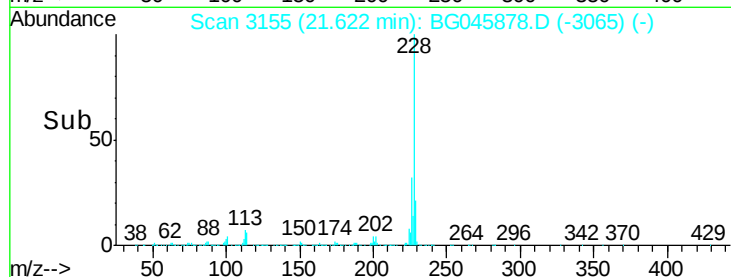
229 20.5 16.4 24.6



Abundance Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#84

Bis(2-ethylhexyl)phthalate

Concen: 39.533 ng

RT: 21.47 min Scan# 3129

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

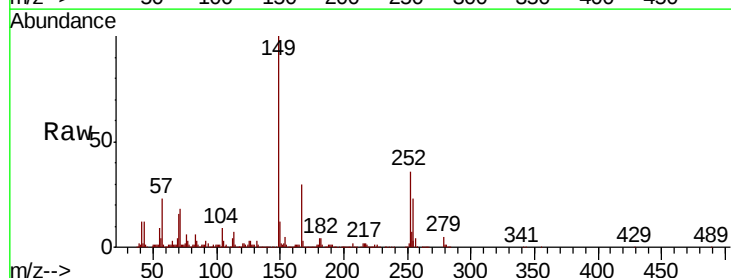
Tgt Ion:149 Resp: 483989

Ion Ratio Lower Upper

149 100

167 30.0 21.3 31.9

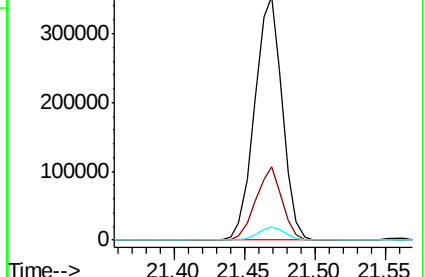
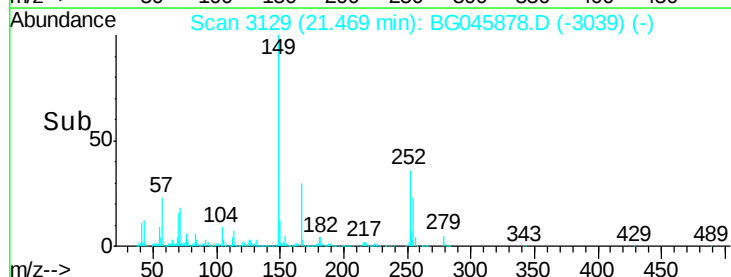
279 5.4 3.7 5.5

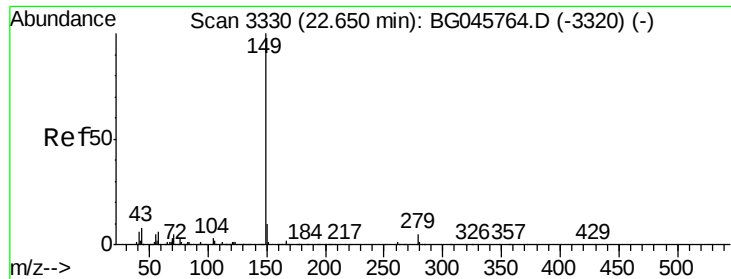


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 279.00 (278.70 to 279.70): E





#85

Di-n-octyl phthalate

Concen: 39.740 ng

RT: 22.64 min Scan# 3329

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

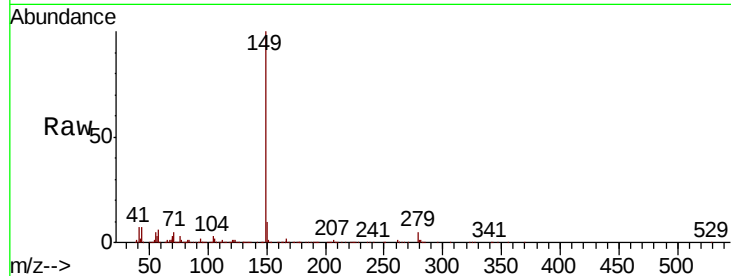
Tot Ion:149 Resp: 839214

Ion Ratio Lower Upper

149 100

167 1.7 1.4 2.0

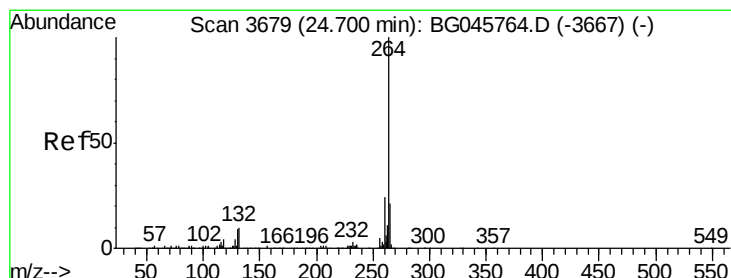
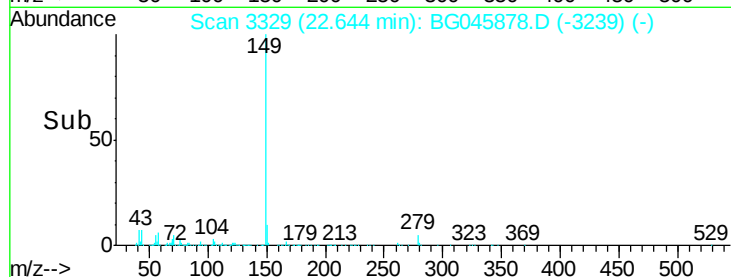
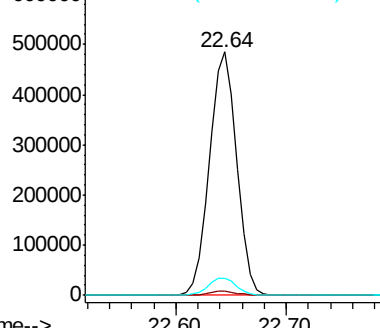
43 7.5 5.9 8.9



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): B



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.70 min Scan# 3679

Delta R.T. 0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

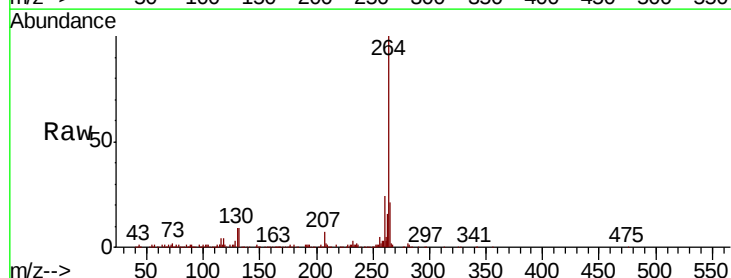
Tgt Ion:264 Resp: 332450

Ion Ratio Lower Upper

264 100

260 24.3 19.0 28.4

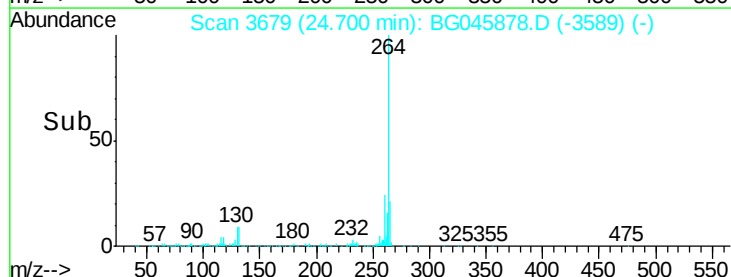
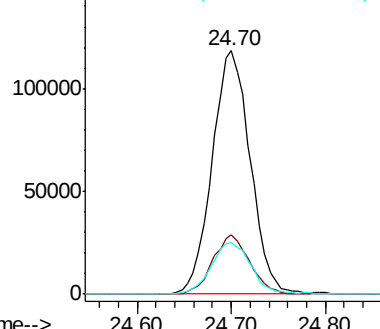
265 21.2 17.4 26.0

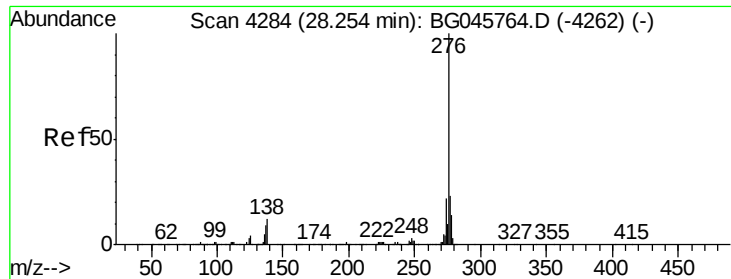


Abundance Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E

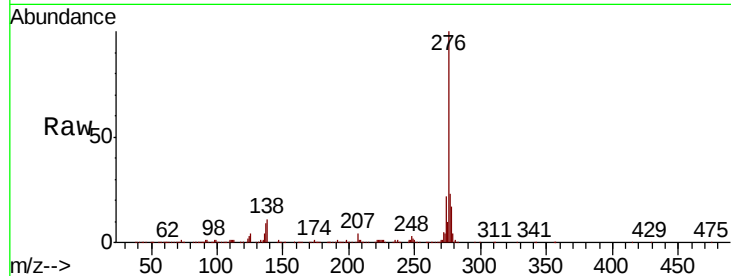




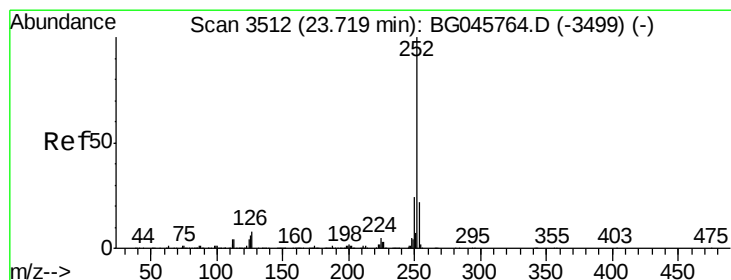
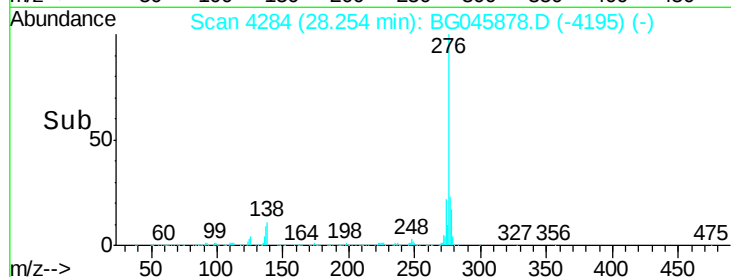
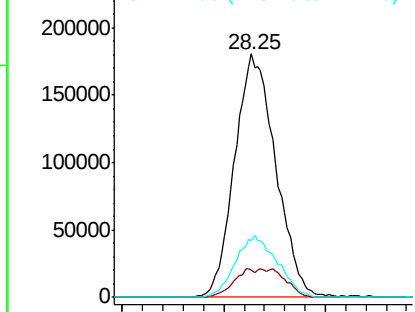
#87
 Indeno(1,2,3-cd)pyrene
 Concen: 42.066 ng
 RT: 28.25 min Scan# 4284
 Delta R.T. -0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Instrument :
 BNA_G
 ClientSampleId :
 PB129825BSD

Tot Ion:276 Resp: 1013843
 Ion Ratio Lower Upper
 276 100
 138 6.1 5.4 8.0
 277 25.7 20.6 30.8

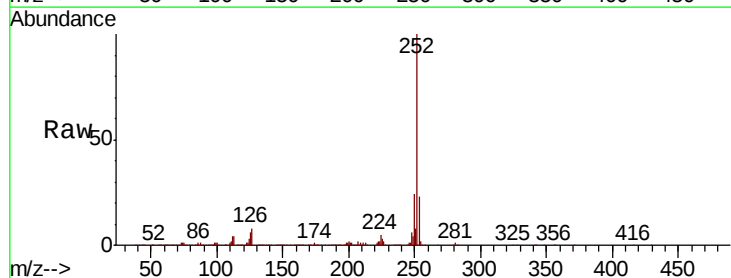


Abundance Ion 276.00 (275.70 to 276.70): E
 Ion 138.00 (137.70 to 138.70): E
 Ion 277.00 (276.70 to 277.70): E

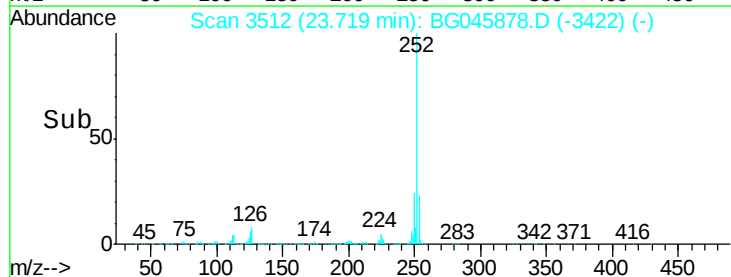
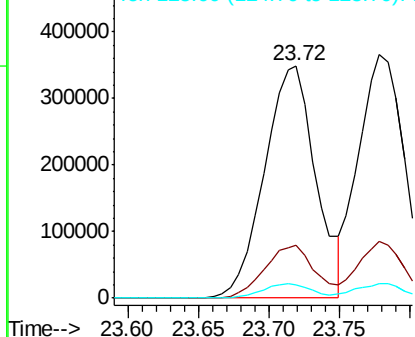


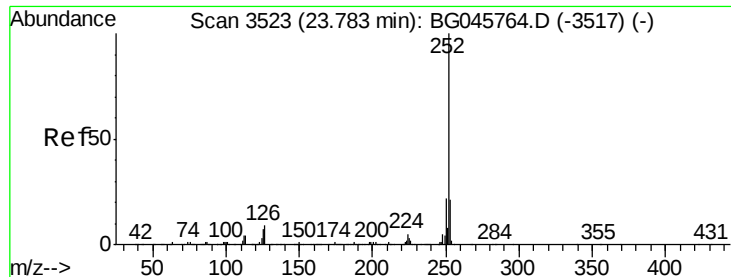
#88
 Benzo(b)fluoranthene
 Concen: 42.408 ng
 RT: 23.72 min Scan# 3512
 Delta R.T. 0.00 min
 Lab File: BG045878.D
 Acq: 29 Jun 2020 16:15

Tgt Ion:252 Resp: 883973
 Ion Ratio Lower Upper
 252 100
 253 23.0 17.4 26.0
 125 6.0 5.0 7.4



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





#89

Benzo(k)fluoranthene

Concen: 41.673 ng

RT: 23.78 min Scan# 3522

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

Instrument :

BNA_G

ClientSampleId :

PB129825BSD

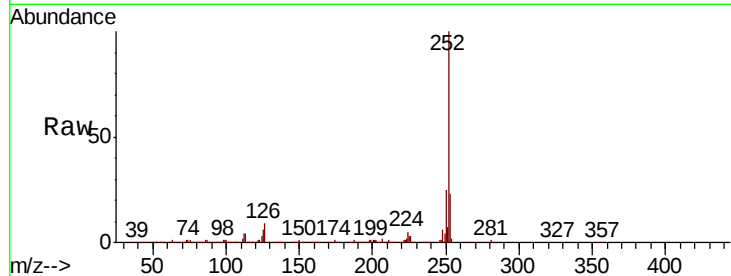
Tot Ion:252 Resp: 831359

Ion Ratio Lower Upper

252 100

253 23.1 17.2 25.8

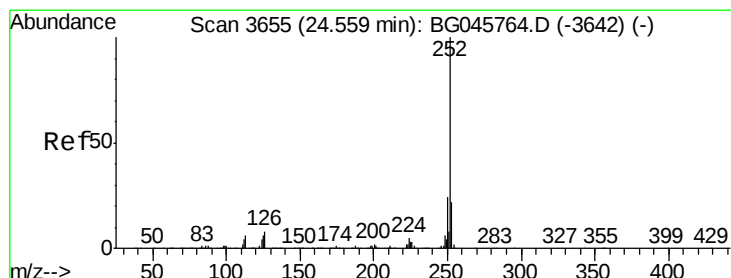
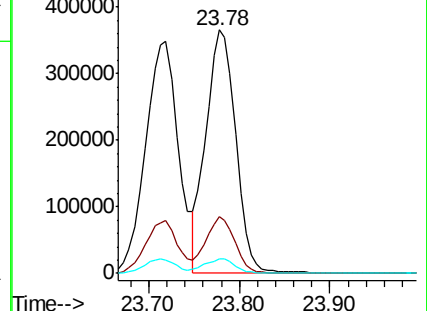
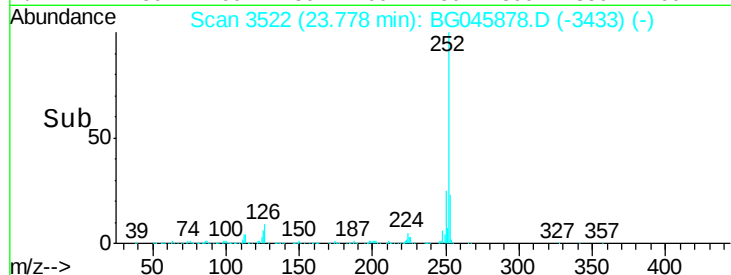
125 6.1 5.2 7.8



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: 40.640 ng

RT: 24.55 min Scan# 3654

Delta R.T. -0.00 min

Lab File: BG045878.D

Acq: 29 Jun 2020 16:15

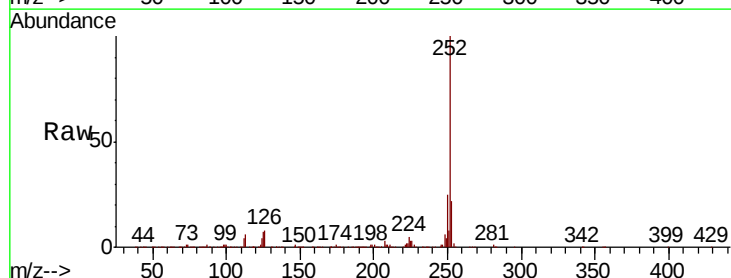
Tgt Ion:252 Resp: 791317

Ion Ratio Lower Upper

252 100

253 21.7 18.0 27.0

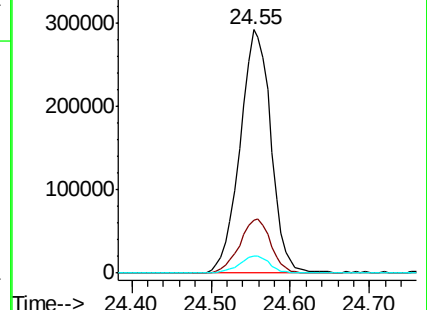
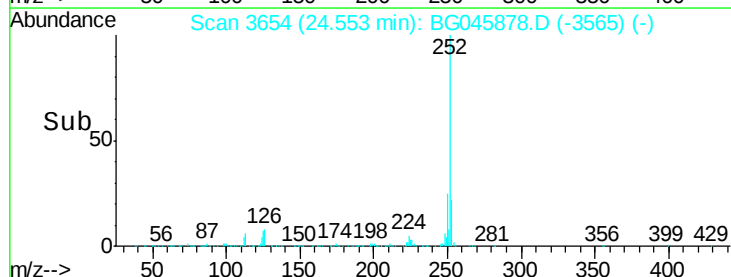
125 7.2 5.0 7.6

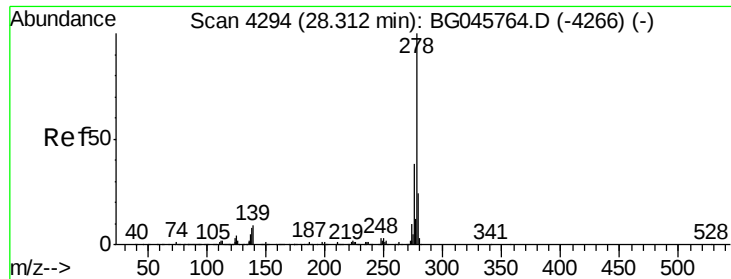


Abundance Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E

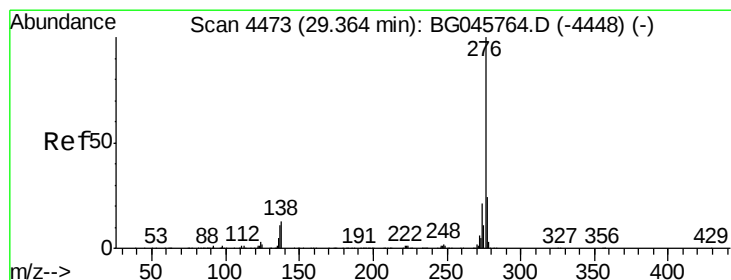
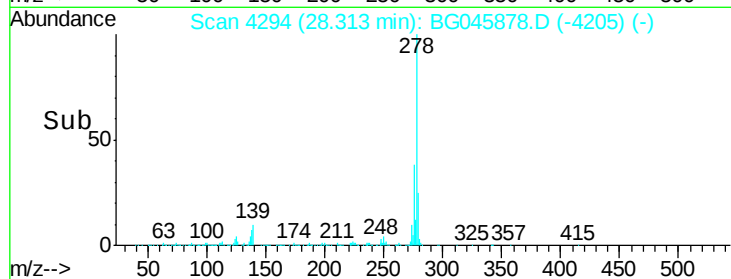
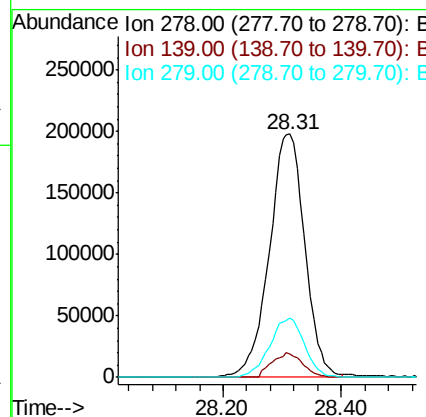
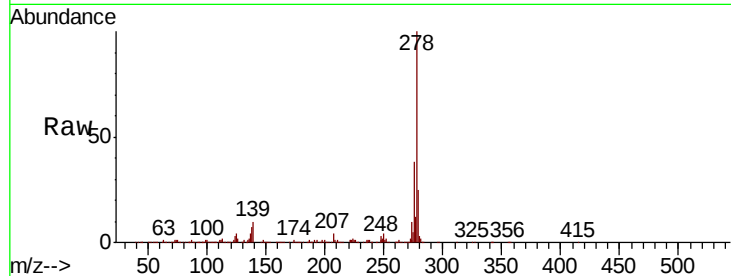




#91
Dibenzo(a,h)anthracene
Concen: 42.692 ng
RT: 28.31 min Scan# 4294
Delta R.T. -0.00 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Instrument :
BNA_G
ClientSampleId :
PB129825BSD

Tot Ion:278 Resp: 825098
Ion Ratio Lower Upper
278 100
139 9.7 7.3 10.9
279 24.5 19.5 29.3



#92
Benzo(g,h,i)perylene
Concen: 42.767 ng
RT: 29.36 min Scan# 4473
Delta R.T. -0.01 min
Lab File: BG045878.D
Acq: 29 Jun 2020 16:15

Tgt Ion:276 Resp: 827299
Ion Ratio Lower Upper
276 100
277 24.3 19.2 28.8
138 12.1 10.6 15.8

