

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122618\
 Data File : BG038834.D
 Acq On : 26 Dec 2018 17:32
 Operator : JU/SJ
 Sample : J6482-04MS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMS

Quant Time: Dec 27 00:16:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG121218.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Dec 12 15:26:27 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	25200	20.00	ng	0.00
21) Naphthalene-d8	10.87	136	104427	20.00	ng	0.00
39) Acenaphthene-d10	14.70	164	75749	20.00	ng	0.00
64) Phenanthrene-d10	17.45	188	192643	20.00	ng	0.00
76) Chrysene-d12	21.72	240	197072	20.00	ng	0.00
87) Perylene-d12	25.02	264	208895	20.00	ng	0.00

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	202877	142.79	ng	0.01
7) Phenol-d6	7.22	99	272968	139.95	ng	0.00
23) Nitrobenzene-d5	9.24	82	189893	92.90	ng	0.00
42) 2,4,6-Tribromophenol	16.19	330	191045	183.00	ng	0.00
45) 2-Fluorobiphenyl	13.32	172	519117	94.01	ng	0.00
79) Terphenyl-d14	20.04	244	965325	106.60	ng	0.00

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.50	88	19015	28.756	ng	# 43
3) Pyridine	3.91	79	53630	29.457	ng	92
4) n-Nitrosodimethylamine	3.82	42	33212	37.231	ng	100
6) Aniline	7.39	93	30891	12.407	ng	96
8) 2-Chlorophenol	7.62	128	78602	47.806	ng	97
9) Benzaldehyde	7.21	77	22729	17.963	ng	98
10) Phenol	7.25	94	89509	43.195	ng	97
11) bis(2-Chloroethyl)ether	7.48	93	62946	38.154	ng	97
12) 1,3-Dichlorobenzene	7.94	146	77069	39.643	ng	98
13) 1,4-Dichlorobenzene	8.09	146	79653	40.006	ng	95
14) 1,2-Dichlorobenzene	8.41	146	76585	40.801	ng	97
15) Benzyl Alcohol	8.30	79	77372	50.822	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	135048	35.734	ng	98
17) 2-Methylphenol	8.50	107	70317	50.648	ng	95
18) Hexachloroethane	9.13	117	27746	38.136	ng	93
19) n-Nitroso-di-n-propylamine	8.86	70	57991	42.332	ng	95
20) 3+4-Methylphenols	8.83	107	98421	51.331	ng	98
22) Acetophenone	8.89	105	118684	45.501	ng	95
24) Nitrobenzene	9.28	77	89407	43.236	ng	97
25) Isophorone	9.79	82	173162	47.149	ng	# 97
26) 2-Nitrophenol	9.98	139	47755	45.121	ng	94
27) 2,4-Dimethylphenol	10.04	122	87427	57.638	ng	99
28) bis(2-Chloroethoxy)methane	10.27	93	94119	45.411	ng	98
29) 2,4-Dichlorophenol	10.53	162	97929	58.034	ng	96
30) 1,2,4-Trichlorobenzene	10.73	180	92496	45.379	ng	99
31) Naphthalene	10.92	128	250215	48.631	ng	98
32) Benzoic acid	10.20	122	53885	54.250	ng	92
33) 4-Chloroaniline	11.05	127	8068	3.612	ng	# 88
34) Hexachlorobutadiene	11.18	225	60877	44.140	ng	90
35) Caprolactam	11.85	113	25101	35.944	ng	# 87
36) 4-Chloro-3-methylphenol	12.16	107	101061	52.481	ng	93
37) 2-Methylnaphthalene	12.52	142	197110	53.699	ng	99
38) 1-Methylnaphthalene	12.75	142	189228	53.125	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	123282	43.540	ng	98

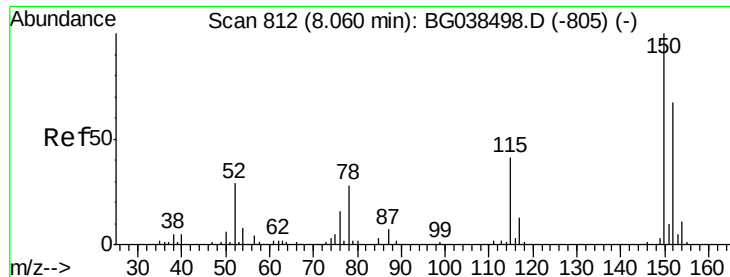
Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG122618\
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.85	237	136789	87.933	nq	93
43) 2,4,6-Trichlorophenol	13.13	196	92860	53.338	nq	97
44) 2,4,5-Trichlorophenol	13.21	196	101408	55.015	nq	97
46) 1,1'-Biphenyl	13.53	154	272106	42.850	nq	99
47) 2-Chloronaphthalene	13.57	162	220329	44.917	nq	98
48) 2-Nitroaniline	13.79	65	69511	44.489	nq	88
49) Acenaphthylene	14.42	152	359050	48.963	nq	99
50) Dimethylphthalate	14.14	163	308281	49.836	nq	99
51) 2,6-Dinitrotoluene	14.28	165	67228	47.957	nq	91
52) Acenaphthene	14.76	154	207051	47.219	nq	99
53) 3-Nitroaniline	14.61	138	19152	13.402	nq	87
54) 2,4-Dinitrophenol	14.83	184	100587	117.965	nq	98
55) Dibenzofuran	15.09	168	355627	47.313	nq	98
56) 4-Nitrophenol	14.93	139	97593	90.024	nq	98
57) 2,4-Dinitrotoluene	15.07	165	94942	48.086	nq	94
58) Fluorene	15.74	166	286493	51.446	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	95044	57.311	nq	96
60) Diethylphthalate	15.50	149	301648	44.420	nq	96
61) 4-Chlorophenyl-phenylether	15.73	204	164392	47.313	nq	99
62) 4-Nitroaniline	15.78	138	56703	38.543	nq	98
63) Azobenzene	16.02	77	240519	42.398	nq	96
65) 4,6-Dinitro-2-methylphenol	15.82	198	66680	48.522	nq	92
66) n-Nitrosodiphenylamine	15.95	169	266641	47.107	nq	96
67) 4-Bromophenyl-phenylether	16.62	248	111682	47.469	nq	95
68) Hexachlorobenzene	16.74	284	116958	47.956	nq	97
69) Atrazine	16.89	200	102868	48.971	nq	97
70) Pentachlorophenol	17.09	266	146302	101.419	nq	98
71) Phenanthrene	17.49	178	488077	48.858	nq	99
72) Anthracene	17.58	178	487275	49.409	nq	98
73) Carbazole	17.85	167	432905	44.385	nq	99
74) Di-n-butylphthalate	18.38	149	497657	44.467	nq	99
75) Fluoranthene	19.50	202	580547	46.969	nq	97
77) Benzidine	20.04	184	18222	3.127	nq	# 89
78) Pyrene	19.86	202	586912	45.081	nq	99
80) Butylbenzylphthalate	20.73	149	216515	42.567	nq	98
81) Benzo(a)anthracene	21.71	228	581625	48.434	nq	99
83) Chrysene	21.77	228	545439	47.156	nq	99
84) Bis(2-ethylhexyl)phthalate	21.57	149	304555	42.218	nq	99
85) Di-n-octyl phthalate	22.79	149	529035	43.789	nq	99
86) Indeno(1,2,3-cd)pyrene	28.82	276	706671	51.967	nq	# 75
88) Benzo(b)fluoranthene	23.97	252	591108	51.539	nq	99
89) Benzo(k)fluoranthene	24.04	252	575752	50.412	nq	97
90) Benzo(a)pyrene	24.87	252	569948	51.510	nq	# 98
91) Dibenzo(a,h)anthracene	28.87	278	590314	53.582	nq	97
92) Benzo(g,h,i)perylene	30.01	276	589138	54.262	nq	# 96

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

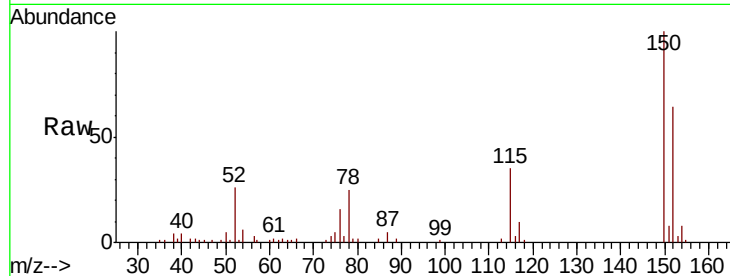


#1

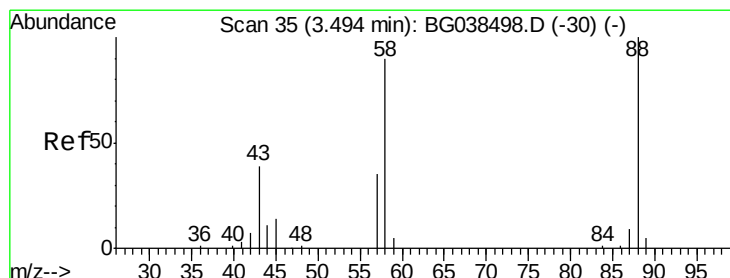
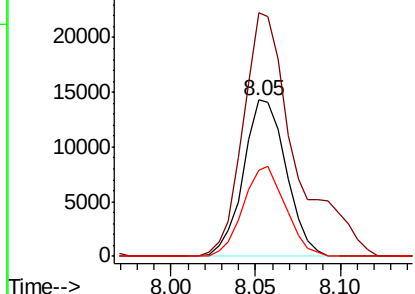
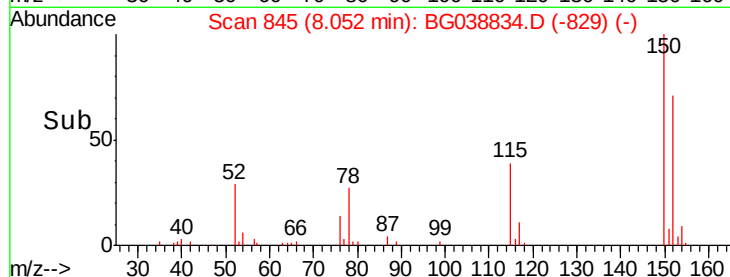
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 845
Delta R.T. -0.01 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Instrument :
BNA_G
ClientSampleId :
R20-OSMS

Tot Ion:152 Resp: 25200
Ion Ratio Lower Upper
152 100
150 156.0 119.5 179.3
115 55.0 49.6 74.4



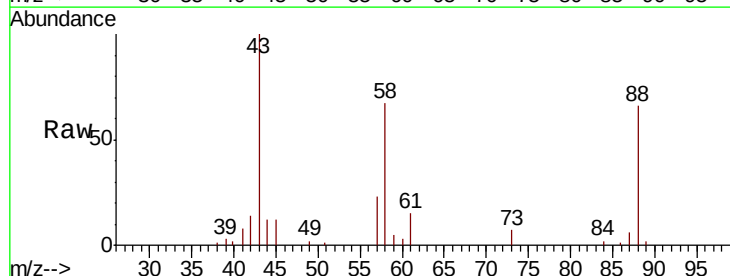
Abundance Ion 152.00 (151.70 to 152.70): E
Ion 150.00 (149.70 to 150.70): E
Ion 115.00 (114.70 to 115.70): E



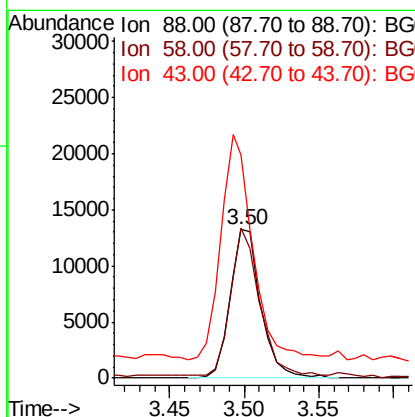
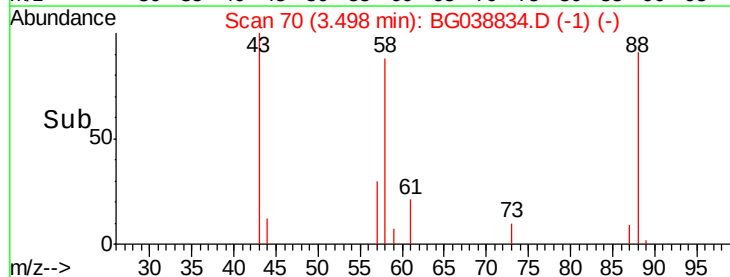
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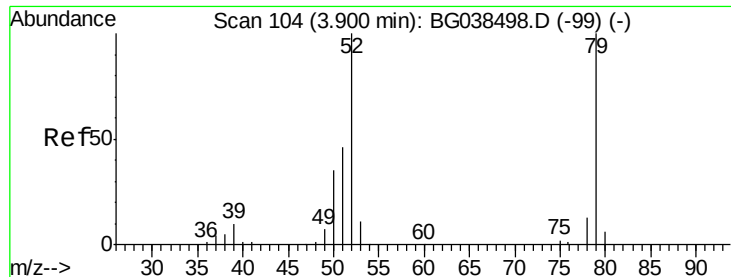
1,4-Dioxane
Concen: 28.756 ng
RT: 3.50 min Scan# 70
Delta R.T. 0.00 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Tgt Ion: 88 Resp: 19015
Ion Ratio Lower Upper
88 100
58 94.1 75.7 113.5
43 156.8 31.6 47.4#



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: 29.457 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.01 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

Instrument :

BNA_G

ClientSampleId :

R20-OSMS

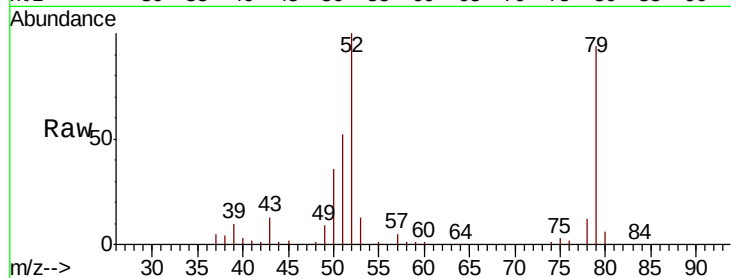
Tot Ion: 79 Resp: 53630

Ion Ratio Lower Upper

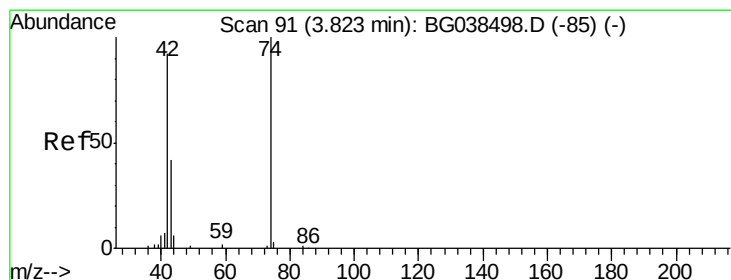
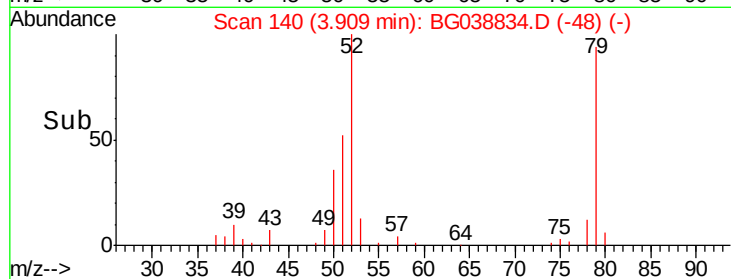
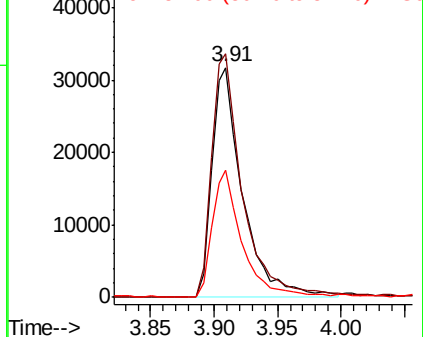
79 100

52 105.9 80.2 120.2

51 55.6 38.0 57.0



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



#4

n-Nitrosodimethylamine

Concen: 37.231 ng

RT: 3.82 min Scan# 125

Delta R.T. -0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

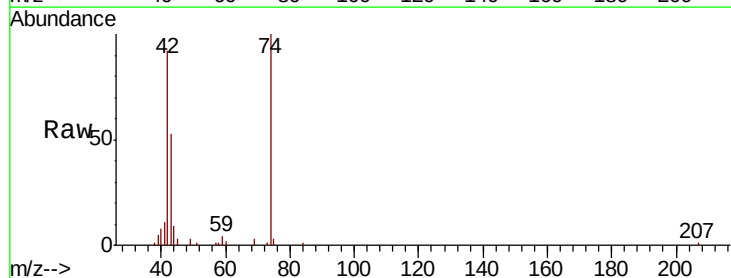
Tgt Ion: 42 Resp: 33212

Ion Ratio Lower Upper

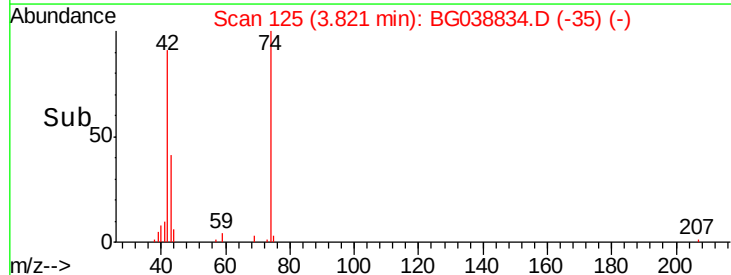
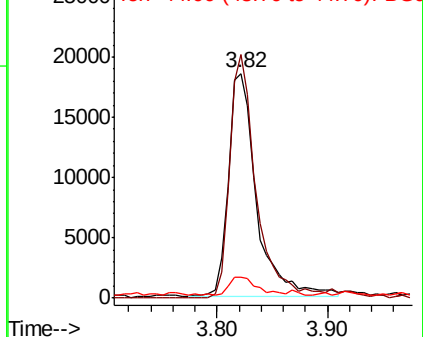
42 100

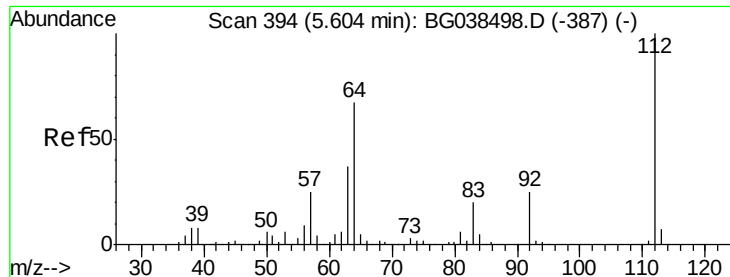
74 108.3 86.7 130.1

44 9.4 7.8 11.8



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





#5

2-Fluorophenol

Concen: 142.791 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

Instrument :

BNA_G

ClientSampleId :

R20-OSMS

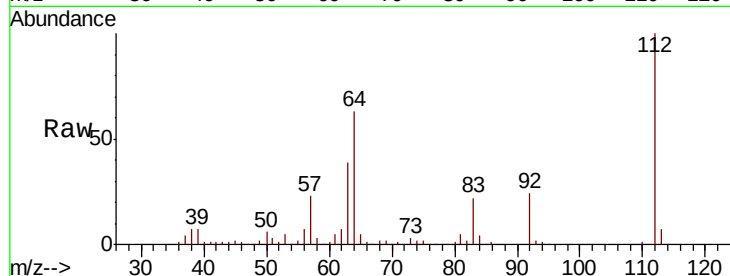
Tot Ion: 112 Resp: 202877

Ion Ratio Lower Upper

112 100

64 62.8 53.4 80.2

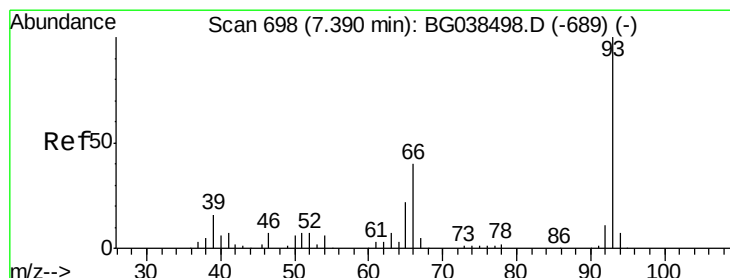
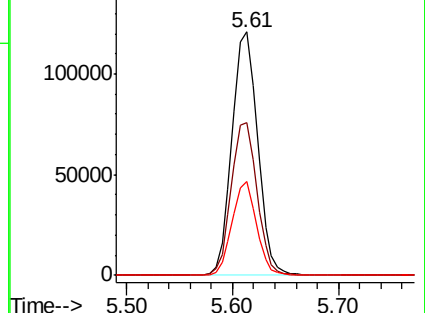
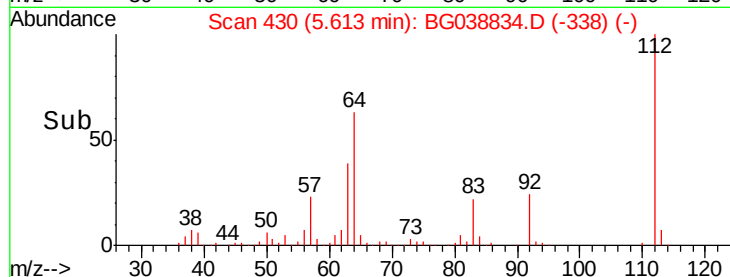
63 38.5 29.3 43.9



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: 12.407 ng

RT: 7.39 min Scan# 732

Delta R.T. -0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

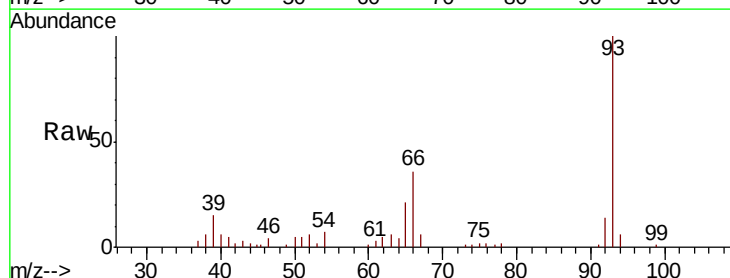
Tgt Ion: 93 Resp: 30891

Ion Ratio Lower Upper

93 100

66 36.4 31.7 47.5

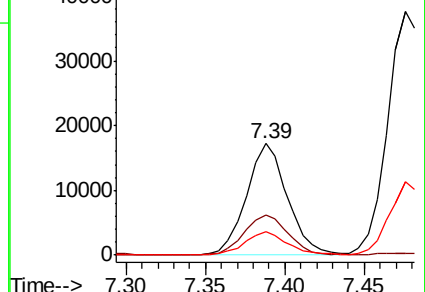
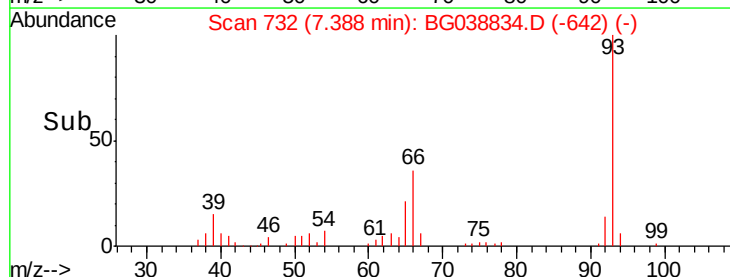
65 21.0 17.8 26.6

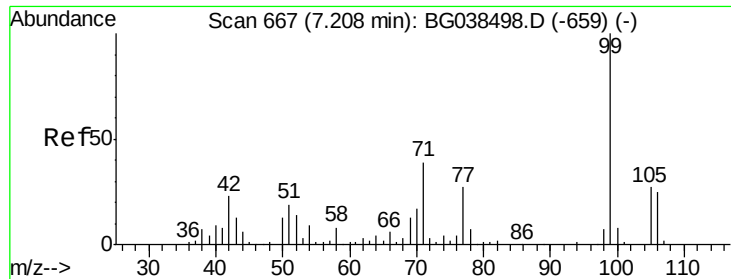


Abundance Ion 93.00 (92.70 to 93.70): BGC

Ion 66.00 (65.70 to 66.70): BGC

Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 139.949 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

Instrument :

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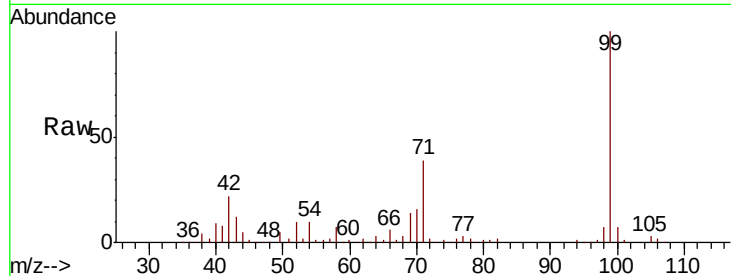
Tot Ion: 99 Resp: 272968

Ion Ratio Lower Upper

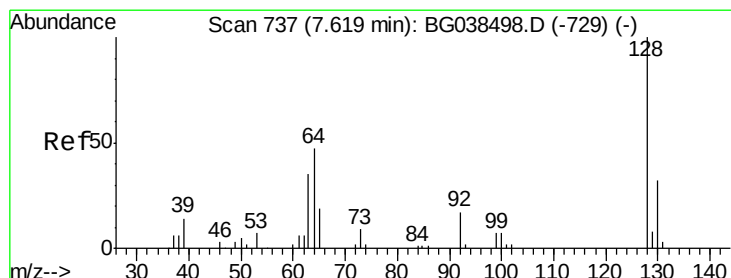
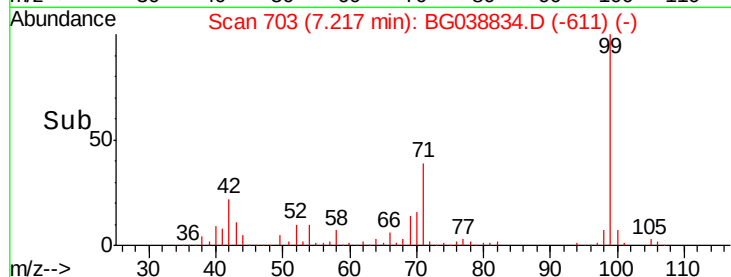
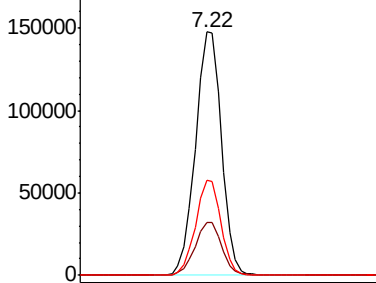
99 100

42 21.7 18.5 27.7

71 39.3 31.1 46.7



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: 47.806 ng

RT: 7.62 min Scan# 772

Delta R.T. 0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

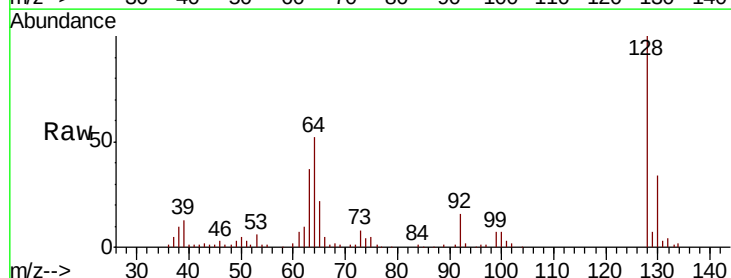
Tgt Ion: 128 Resp: 78602

Ion Ratio Lower Upper

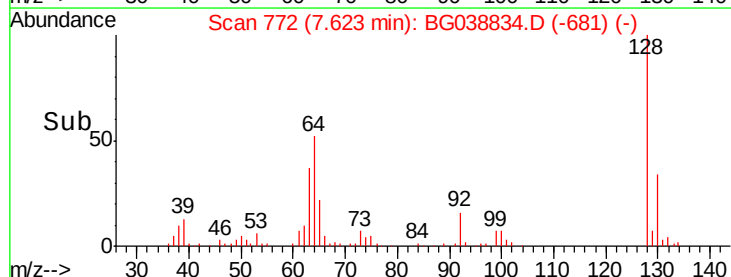
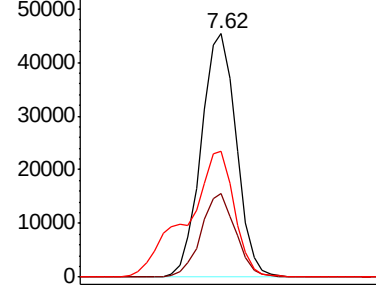
128 100

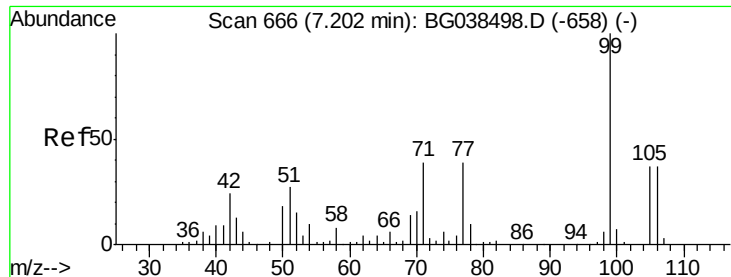
130 34.2 11.8 51.8

64 51.8 33.2 73.2



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: 17.963 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

Instrument :

BNA_G

ClientSampleId :

R20-OSMS

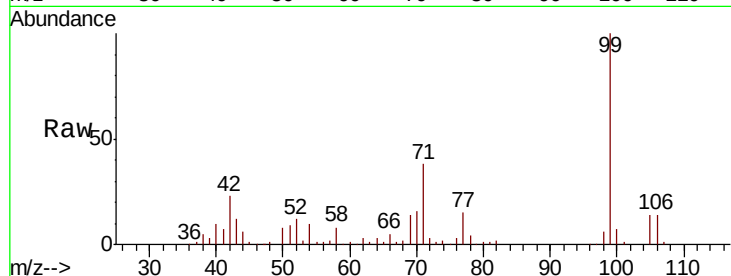
Tot Ion: 77 Resp: 22729

Ion Ratio Lower Upper

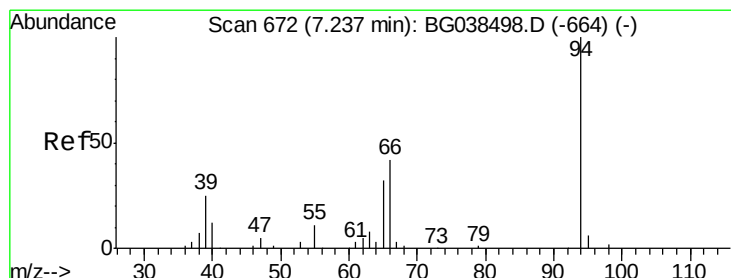
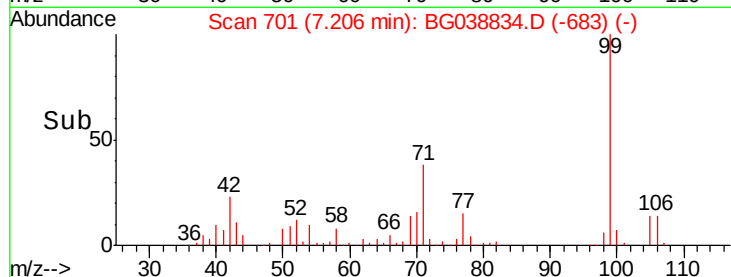
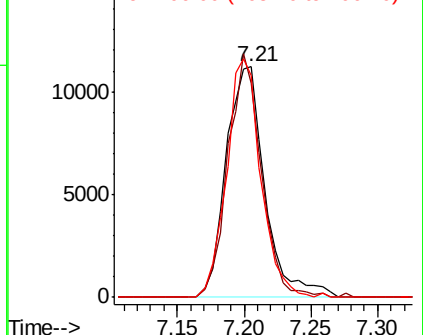
77 100

105 93.0 74.0 114.0

106 96.2 73.9 113.9



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: 43.195 ng

RT: 7.25 min Scan# 708

Delta R.T. 0.01 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

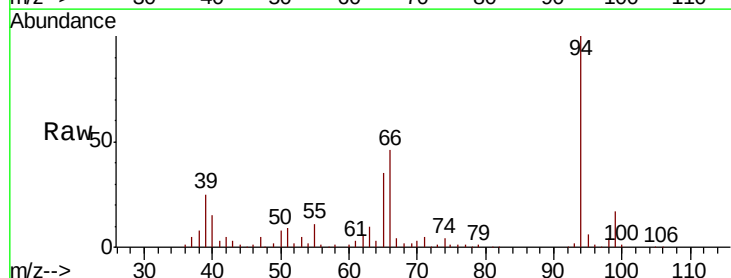
Tgt Ion: 94 Resp: 89509

Ion Ratio Lower Upper

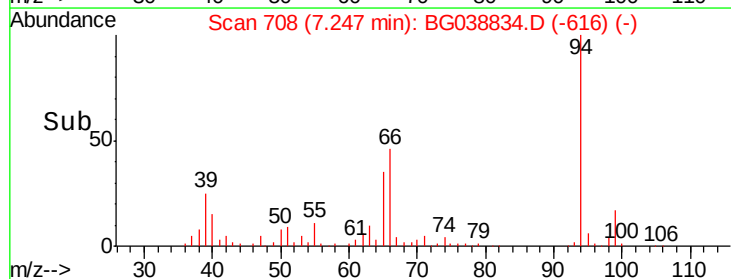
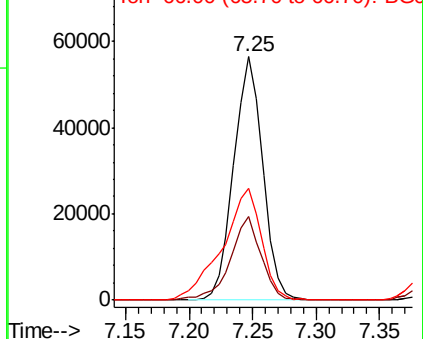
94 100

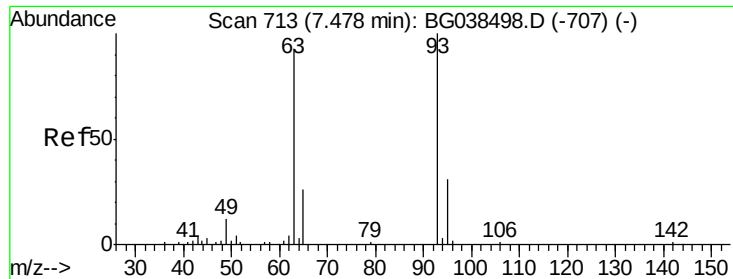
65 34.6 12.6 52.6

66 45.7 24.1 64.1



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

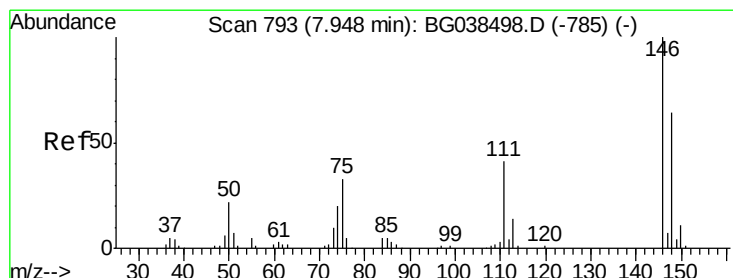
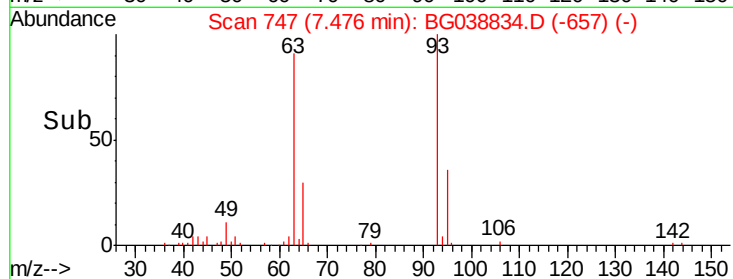
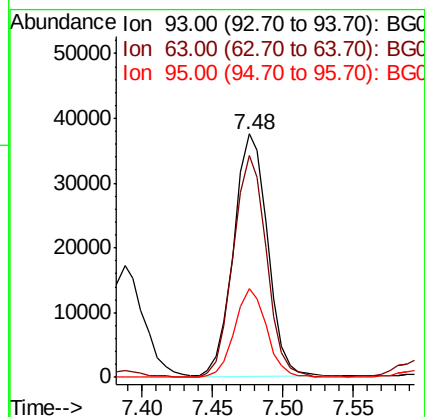
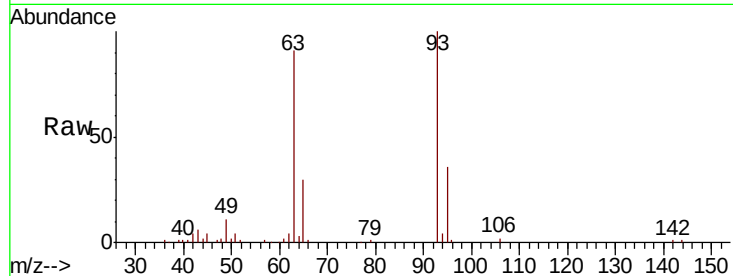




#11
bis(2-Chloroethyl)ether
Concen: 38.154 ng
RT: 7.48 min Scan# 747
Delta R.T. -0.00 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

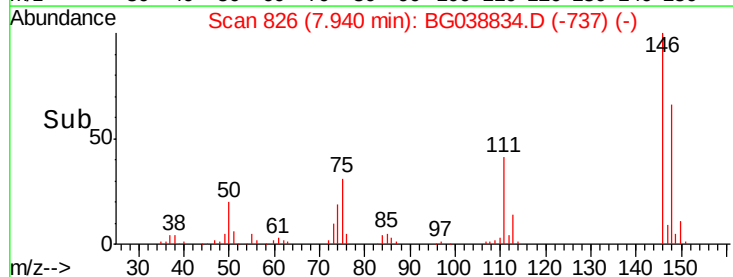
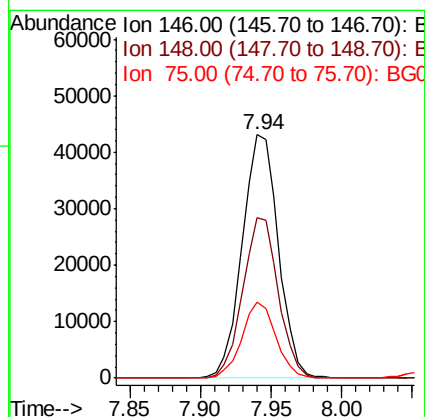
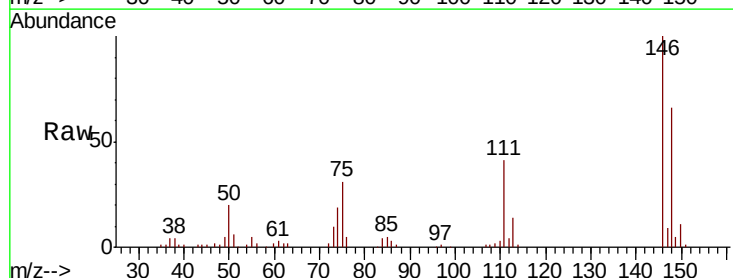
Instrument :
BNA_G
ClientSampleId :
R20-OSMS

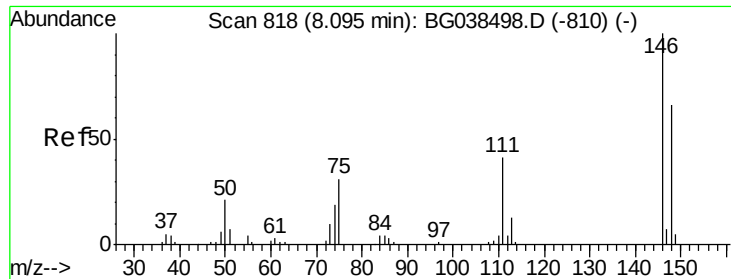
Tot Ion: 93 Resp: 62946
Ion Ratio Lower Upper
93 100
63 91.2 72.2 112.2
95 36.2 11.2 51.2



#12
1,3-Dichlorobenzene
Concen: 39.643 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.01 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Tgt Ion: 146 Resp: 77069
Ion Ratio Lower Upper
146 100
148 65.6 51.4 77.0
75 31.3 26.1 39.1

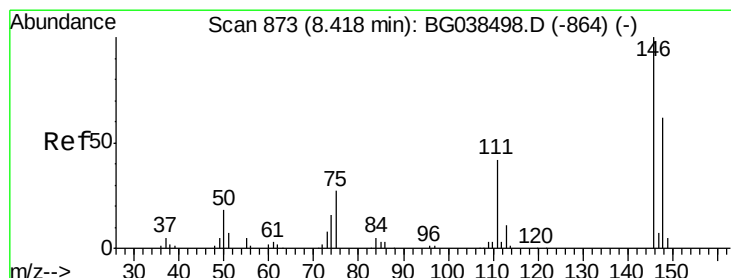
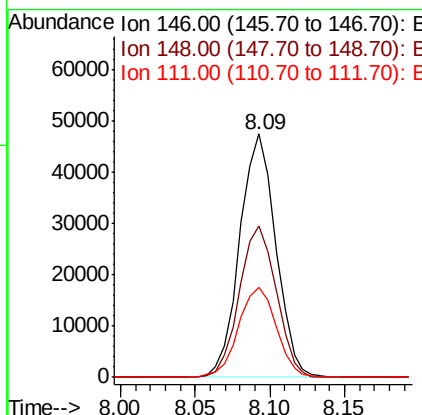
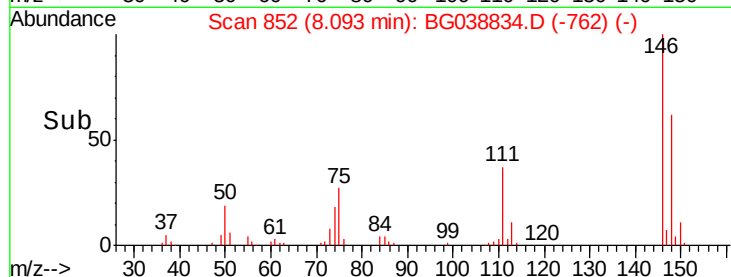
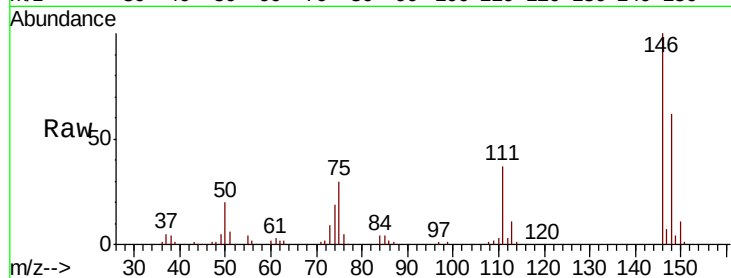




#13
 1,4-Dichlorobenzene
 Concen: 40.006 ng
 RT: 8.09 min Scan# 852
 Delta R.T. -0.00 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

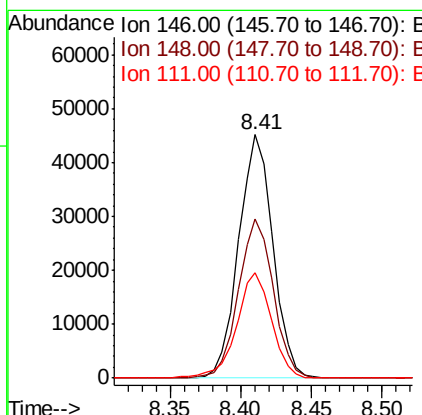
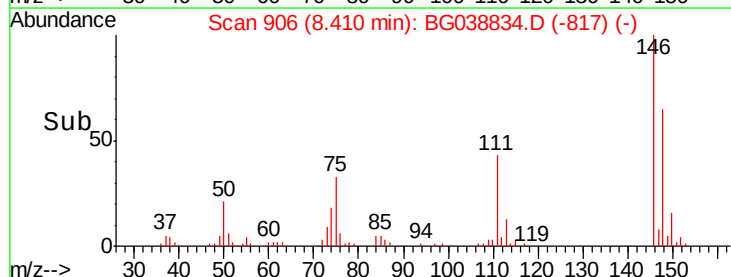
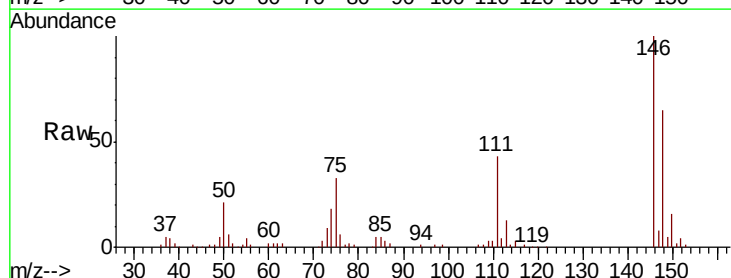
Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMS

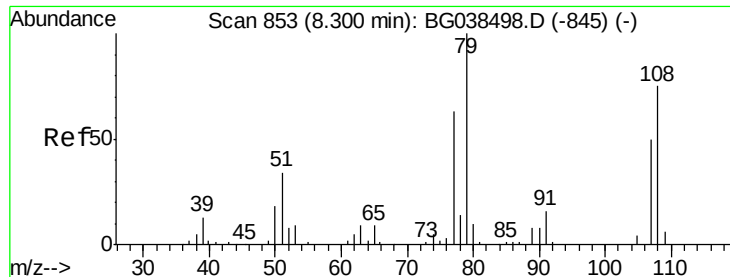
Tot Ion:146 Resp: 79653
 Ion Ratio Lower Upper
 146 100
 148 62.2 52.4 78.6
 111 37.0 33.0 49.4



#14
 1,2-Dichlorobenzene
 Concen: 40.801 ng
 RT: 8.41 min Scan# 906
 Delta R.T. -0.01 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

Tgt Ion:146 Resp: 76585
 Ion Ratio Lower Upper
 146 100
 148 65.3 49.4 74.0
 111 43.1 33.8 50.6

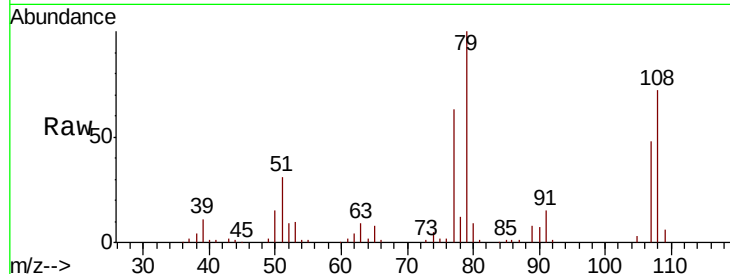




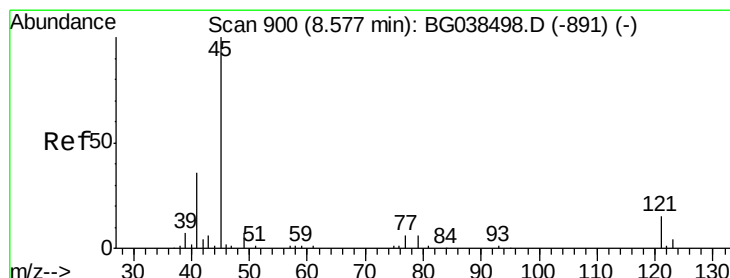
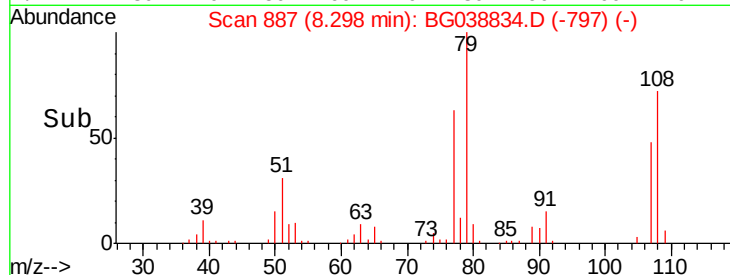
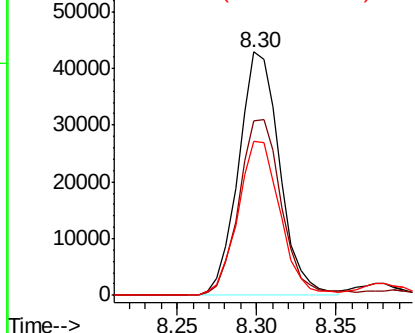
#15
Benzyl Alcohol
Concen: 50.822 ng
RT: 8.30 min Scan# 887
Delta R.T. -0.00 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Instrument :
BNA_G
ClientSampleId :
R20-OSMS

Tot Ion: 79 Resp: 77372
Ion Ratio Lower Upper
79 100
108 71.7 60.2 90.4
77 63.2 50.7 76.1

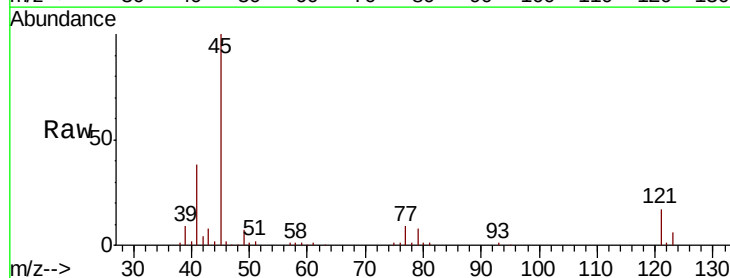


Abundance Ion 79.00 (78.70 to 79.70): BGC
Ion 108.00 (107.70 to 108.70): BGC
Ion 77.00 (76.70 to 77.70): BGC

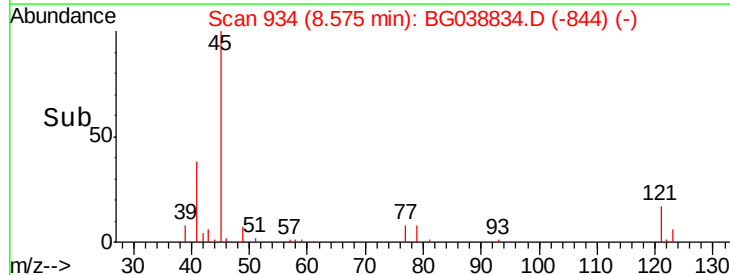
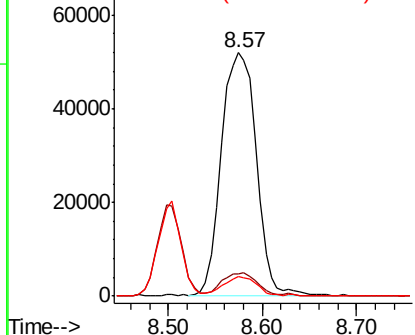


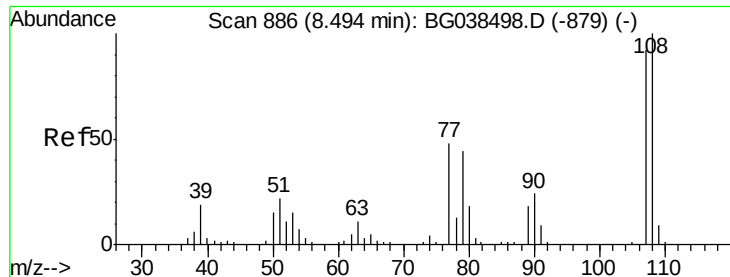
#16
2,2'-oxybis(1-chloropropane)
Concen: 35.734 ng
RT: 8.57 min Scan# 934
Delta R.T. -0.00 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Tgt Ion: 45 Resp: 135048
Ion Ratio Lower Upper
45 100
77 9.0 0.0 28.2
79 8.0 0.0 27.2



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

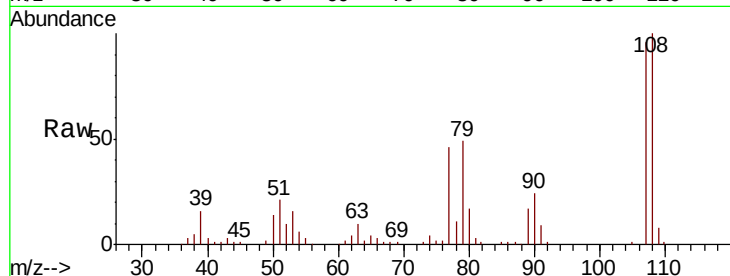




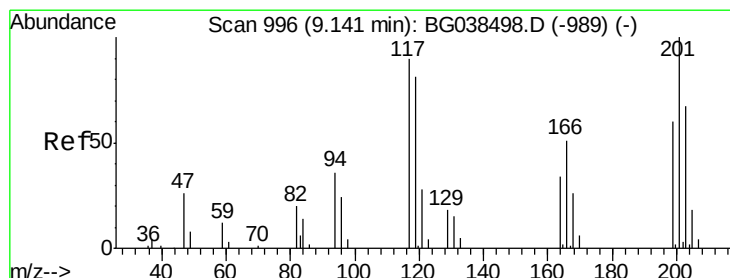
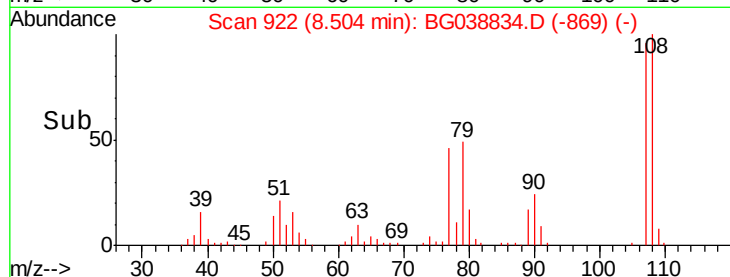
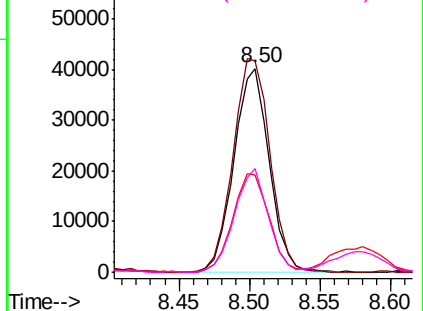
#17
2-Methylphenol
Concen: 50.648 ng
RT: 8.50 min Scan# 922
Delta R.T. 0.01 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Instrument :
BNA_G
ClientSampleId :
R20-OSMS

Tot Ion:107 Resp: 70317
Ion Ratio Lower Upper
107 100
108 104.0 87.1 130.7
77 48.0 42.0 63.0
79 50.9 38.2 57.2

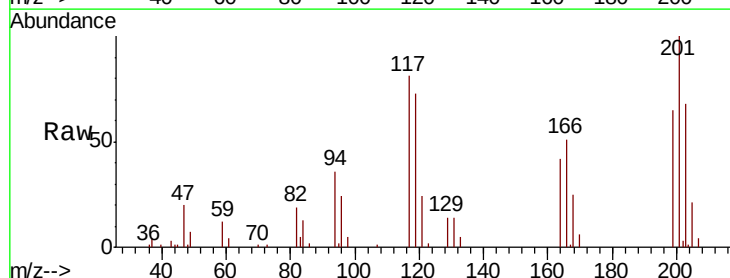


Abundance Ion 107.00 (106.70 to 107.70): E
Ion 108.00 (107.70 to 108.70): E
Ion 77.00 (76.70 to 77.70): BG
Ion 79.00 (78.70 to 79.70): BG

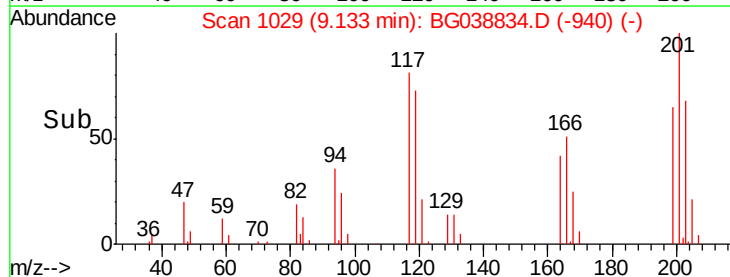
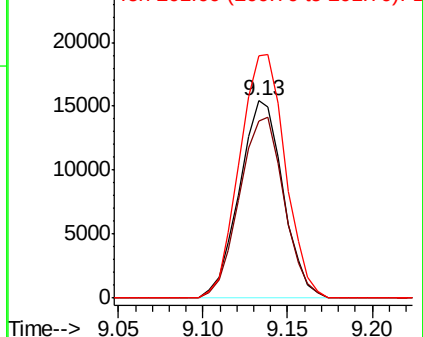


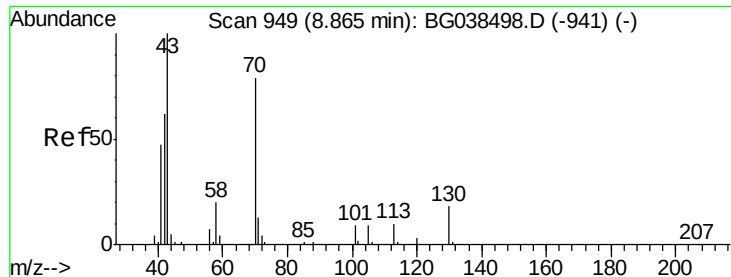
#18
Hexachloroethane
Concen: 38.136 ng
RT: 9.13 min Scan# 1029
Delta R.T. -0.01 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Tgt Ion:117 Resp: 27746
Ion Ratio Lower Upper
117 100
119 90.0 73.8 110.8
201 123.2 89.4 134.0



Abundance Ion 117.00 (116.70 to 117.70): E
Ion 119.00 (118.70 to 119.70): E
Ion 201.00 (200.70 to 201.70): E

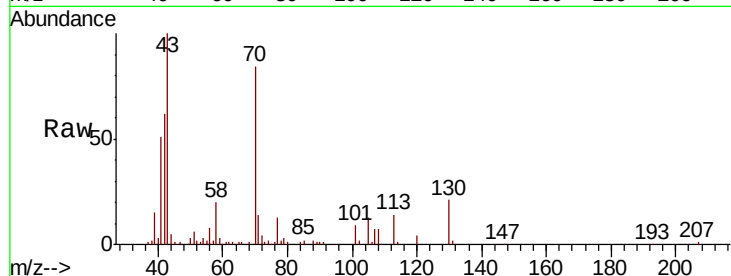




#19
n-Nitroso-di-n-propylamine
Concen: 42.332 ng
RT: 8.86 min Scan# 983
Delta R.T. -0.00 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Instrument :
BNA_G
ClientSampleId :
R20-OSMS

Tot Ion:	70	Resp:	57991
Ion	Ratio	Lower	Upper
70	100		
42	74.0	63.6	95.4
101	10.8	9.2	13.8
130	24.5	18.5	27.7



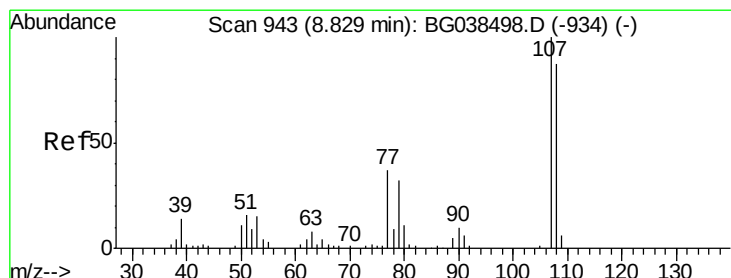
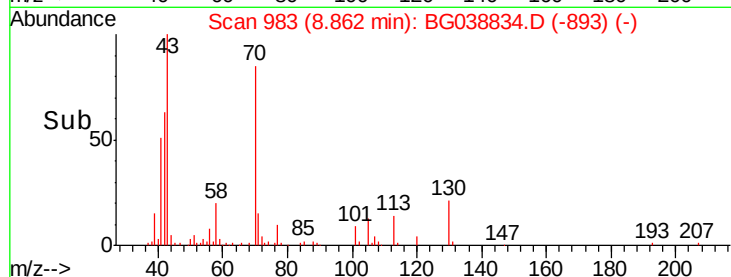
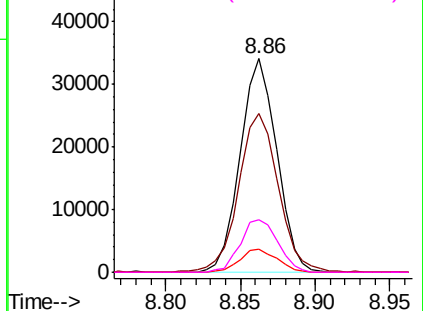
Abundance

Ion 70.00 (69.70 to 70.70): BGC

Ion 42.00 (41.70 to 42.70): BGC

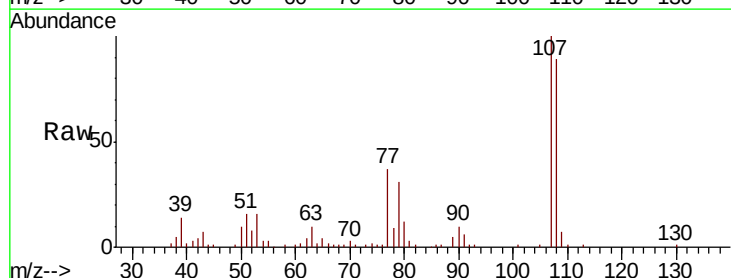
Ion 101.00 (100.70 to 101.70): BGC

Ion 130.00 (129.70 to 130.70): BGC



#20
3+4-Methylphenols
Concen: 51.331 ng
RT: 8.83 min Scan# 978
Delta R.T. 0.00 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Tgt Ion:	107	Resp:	98421
Ion	Ratio	Lower	Upper
107	100		
108	88.5	66.7	106.7
77	36.6	17.3	57.3
79	31.5	12.3	52.3



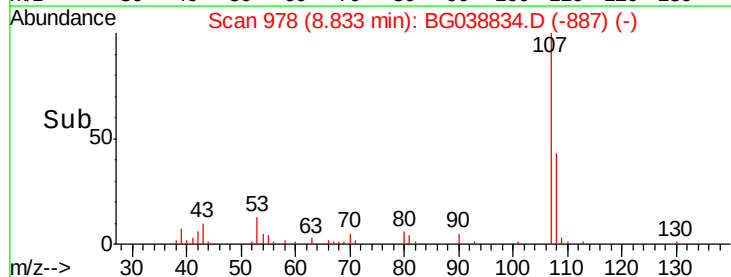
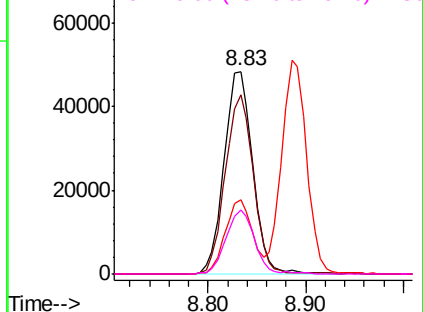
Abundance

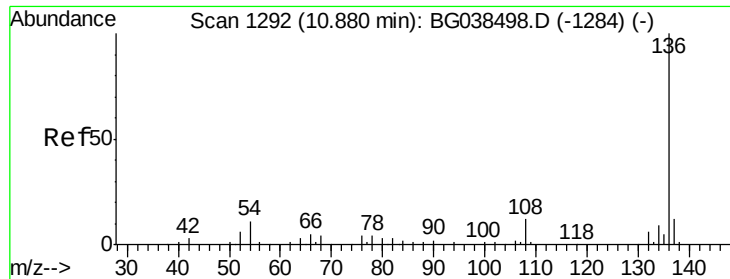
Ion 107.00 (106.70 to 107.70): BGC

Ion 108.00 (107.70 to 108.70): BGC

Ion 77.00 (76.70 to 77.70): BGC

Ion 79.00 (78.70 to 79.70): BGC

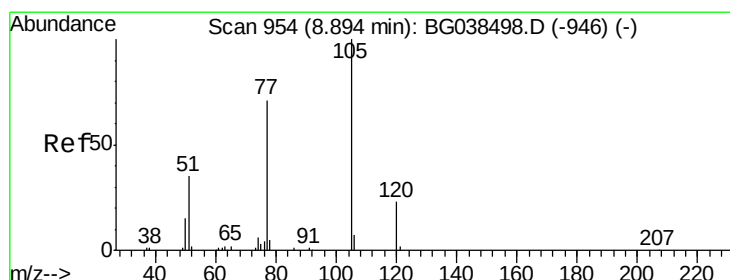
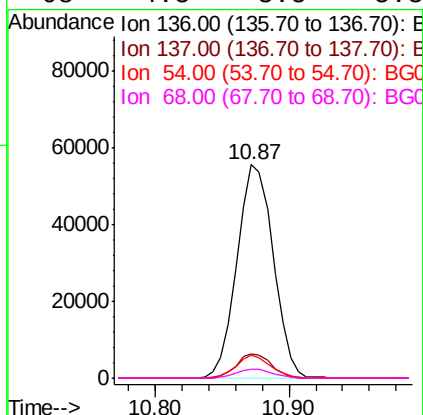
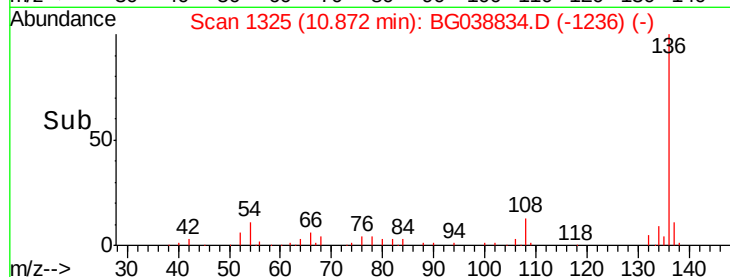
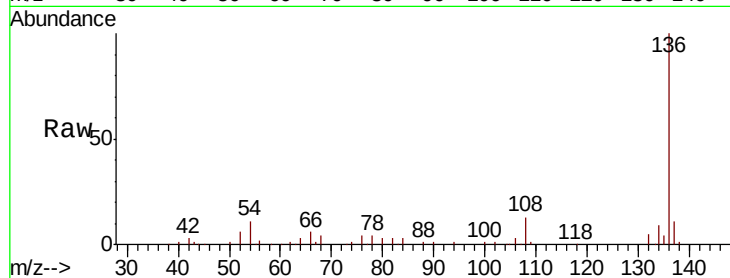




#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

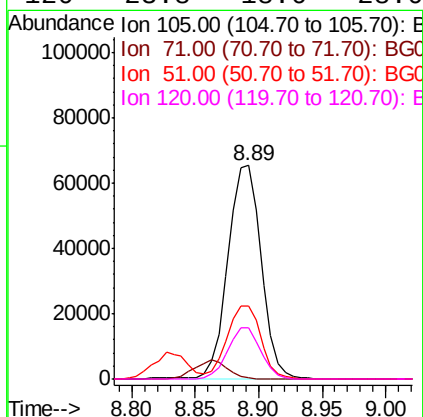
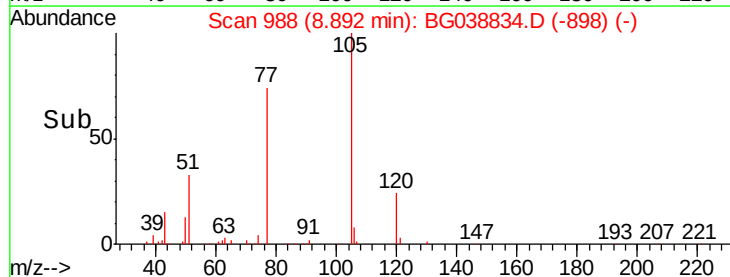
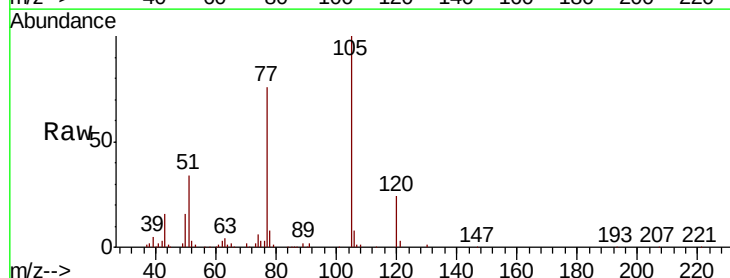
Instrument :
BNA_G
ClientSampleId :
R20-OSMS

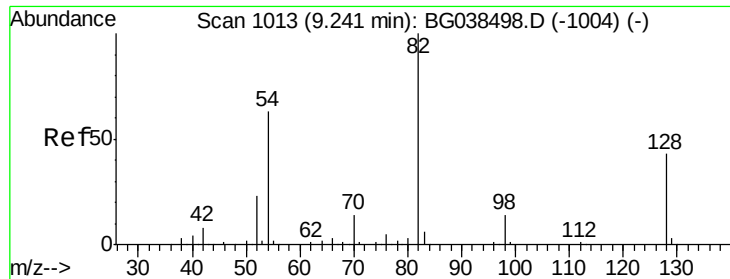
Tot Ion:136	Resp:	104427
Ion	Ratio	Lower Upper
136	100	
137	11.1	9.3 13.9
54	10.7	8.5 12.7
68	4.5	3.5 5.3



#22
Acetophenone
Concen: 45.501 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.00 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Tgt Ion:105	Resp:	118684
Ion	Ratio	Lower Upper
105	100	
71	0.4	0.4 0.6
51	34.0	30.6 46.0
120	23.8	18.6 28.0

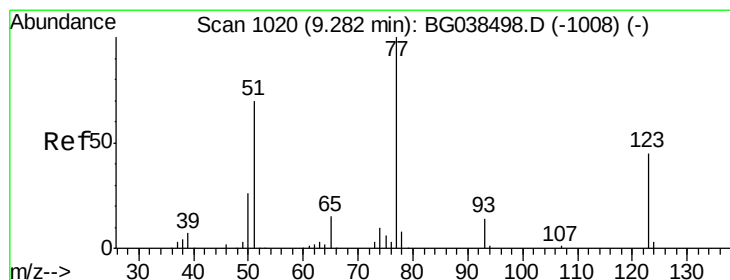
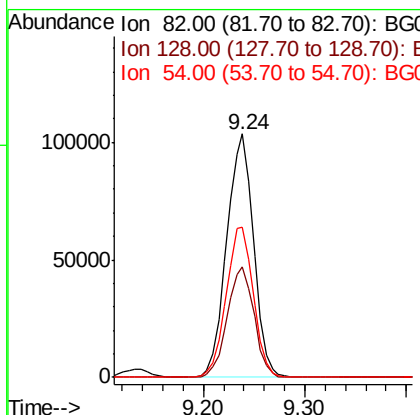
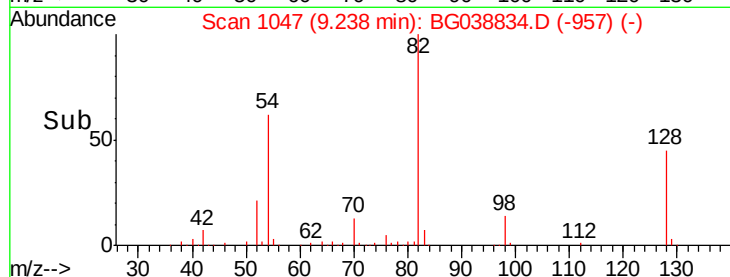
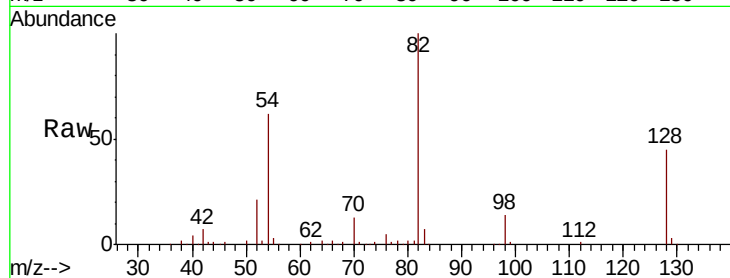




#23
 Nitrobenzene-d5
 Concen: 92.898 ng
 RT: 9.24 min Scan# 1047
 Delta R.T. -0.00 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

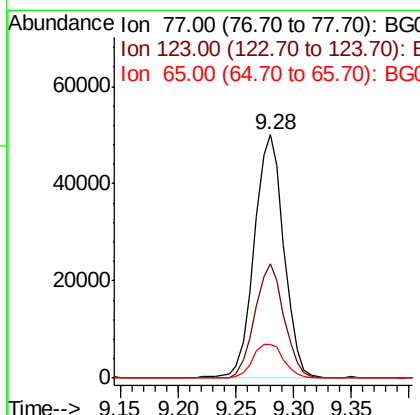
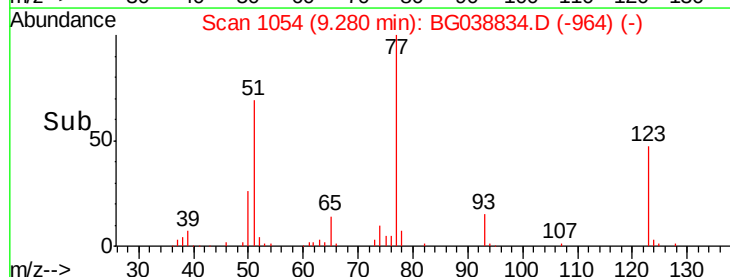
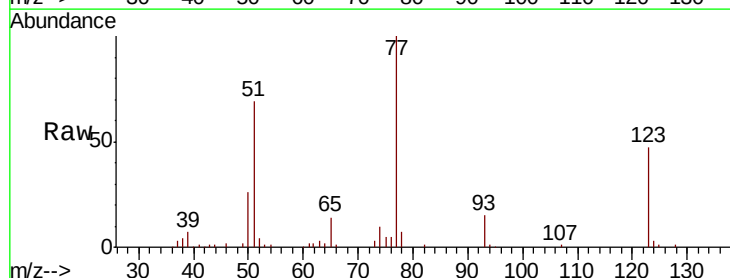
Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMS

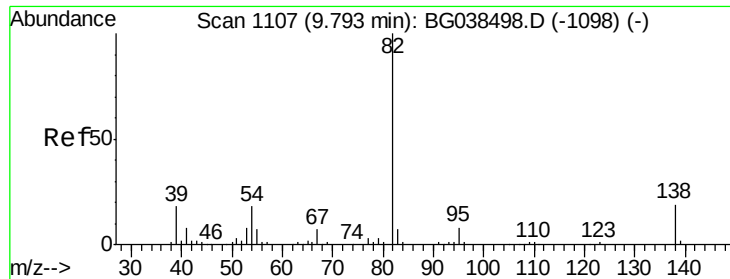
Tot Ion: 82 Resp: 189893
 Ion Ratio Lower Upper
 82 100
 128 45.2 34.6 52.0
 54 61.6 50.6 76.0



#24
 Nitrobenzene
 Concen: 43.236 ng
 RT: 9.28 min Scan# 1054
 Delta R.T. -0.00 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

Tgt Ion: 77 Resp: 89407
 Ion Ratio Lower Upper
 77 100
 123 47.2 35.9 53.9
 65 13.9 12.0 18.0

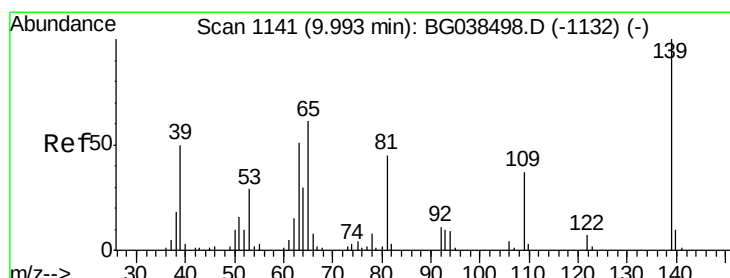
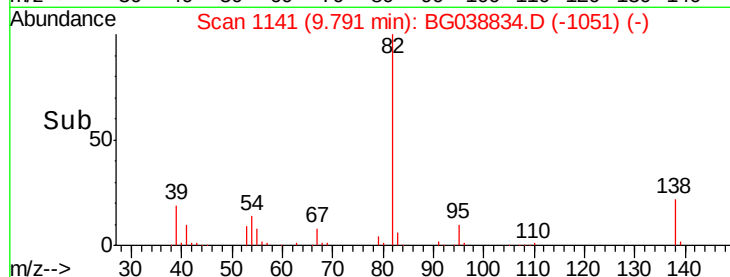
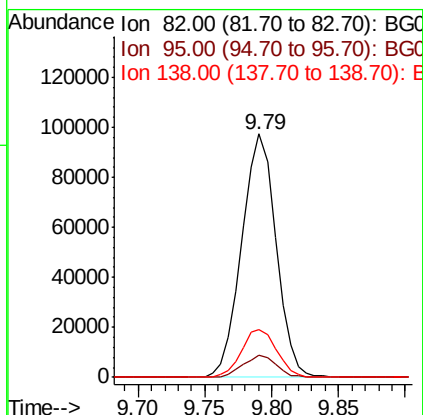
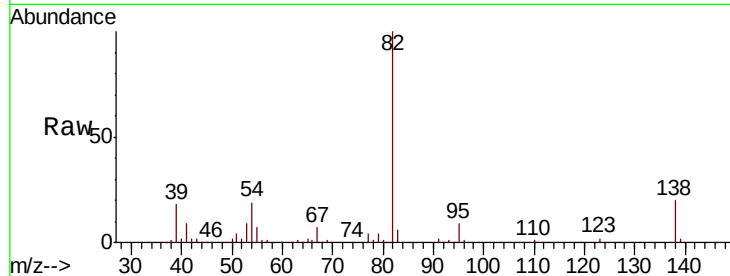




#25
Isophorone
Concen: 47.149 ng
RT: 9.79 min Scan# 1141
Delta R.T. -0.00 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

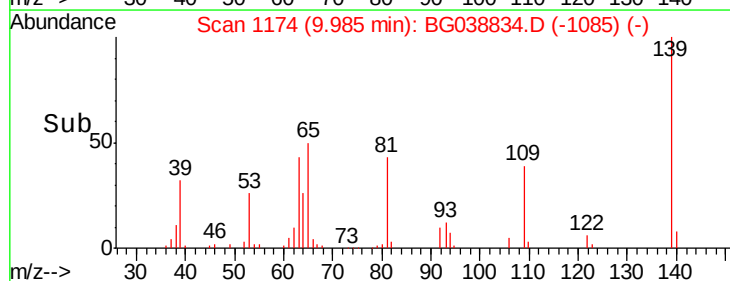
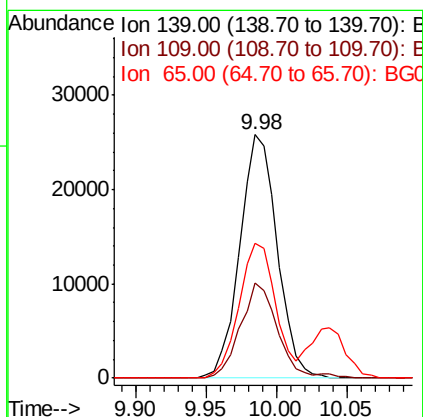
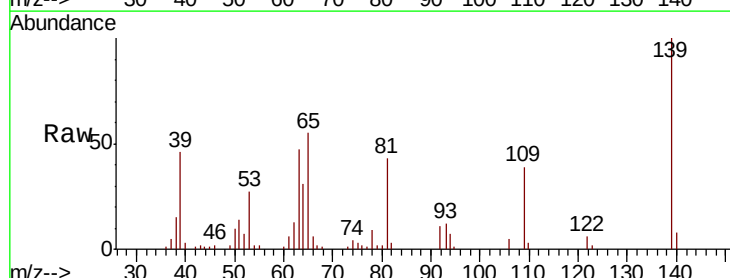
Instrument :
BNA_G
ClientSampleId :
R20-OSMS

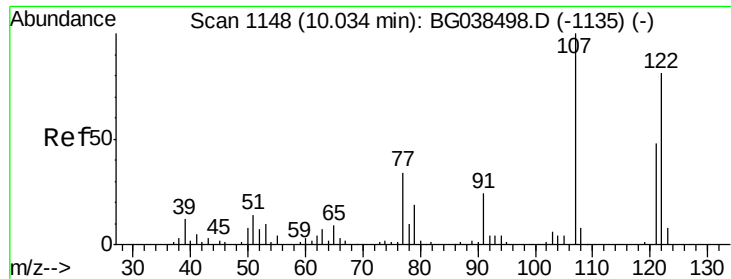
Tot Ion: 82 Resp: 173162
Ion Ratio Lower Upper
82 100
95 9.2 6.1 9.1#
138 19.7 14.9 22.3



#26
2-Nitrophenol
Concen: 45.121 ng
RT: 9.98 min Scan# 1174
Delta R.T. -0.01 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Tgt Ion: 139 Resp: 47755
Ion Ratio Lower Upper
139 100
109 39.1 29.5 44.3
65 55.4 48.5 72.7

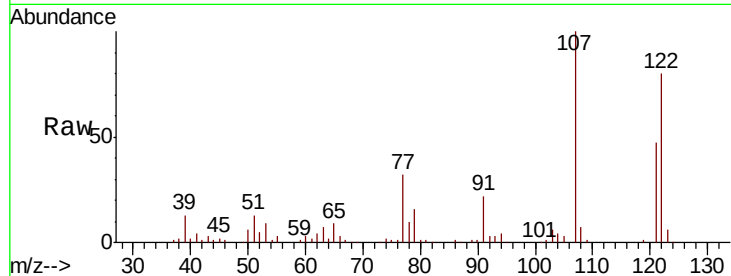




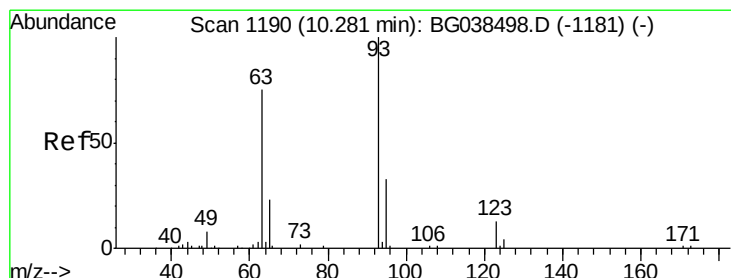
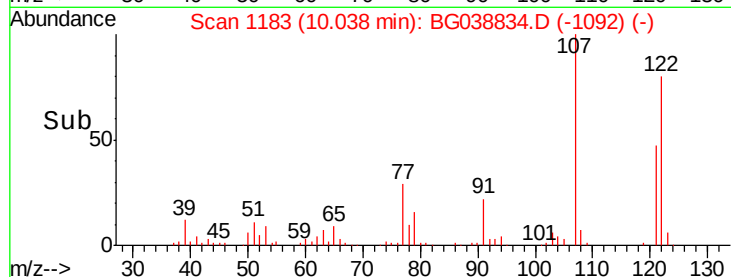
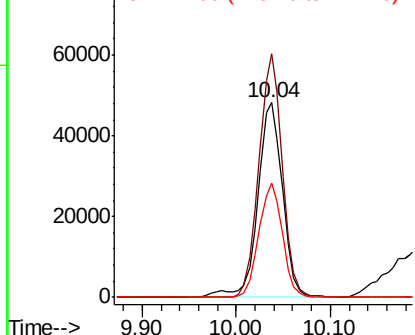
#27
 2,4-Dimethylphenol
 Concen: 57.638 ng
 RT: 10.04 min Scan# 1183
 Delta R.T. 0.00 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMS

Tot Ion:122 Resp: 87427
 Ion Ratio Lower Upper
 122 100
 107 125.1 98.4 147.6
 121 58.7 47.2 70.8

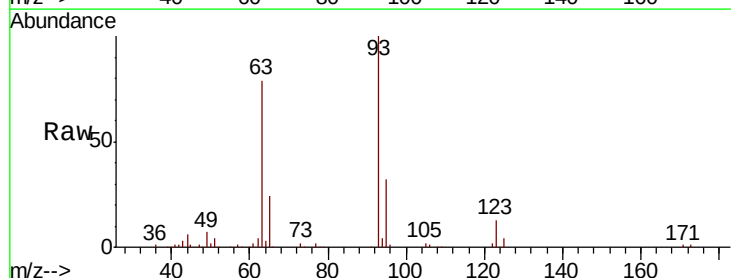


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

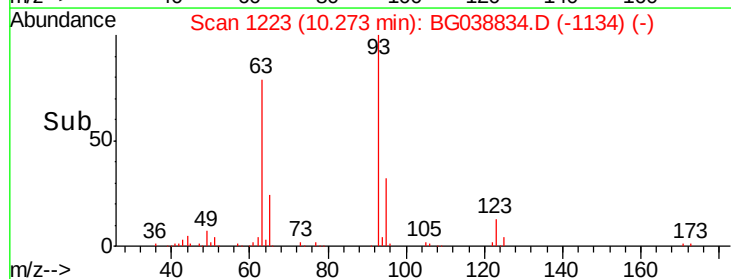
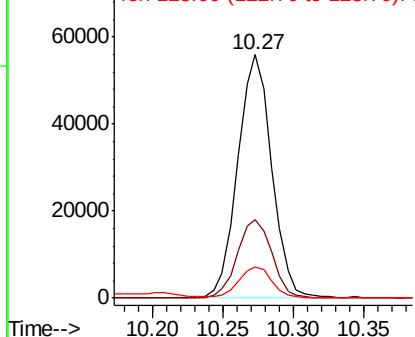


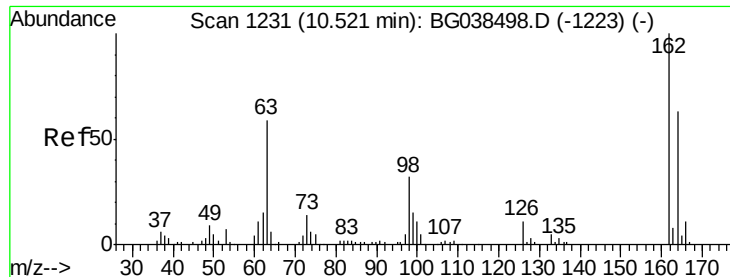
#28
 bis(2-Chloroethoxy)methane
 Concen: 45.411 ng
 RT: 10.27 min Scan# 1223
 Delta R.T. -0.01 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

Tgt Ion: 93 Resp: 94119
 Ion Ratio Lower Upper
 93 100
 95 32.1 26.6 40.0
 123 12.8 10.6 16.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





#29

2,4-Dichlorophenol

Concen: 58.034 ng

RT: 10.53 min Scan# 1266

Delta R.T. 0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

Instrument :

BNA_G

ClientSampleId :

R20-OSMS

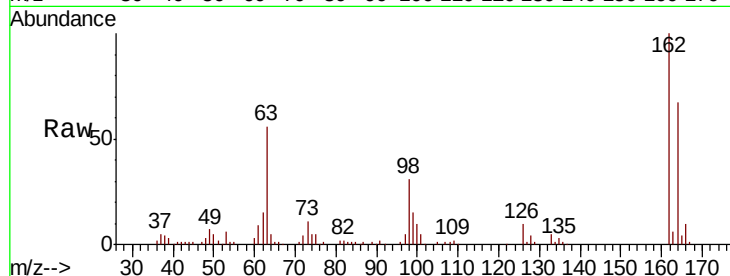
Tot Ion:162 Resp: 97929

Ion Ratio Lower Upper

162 100

164 67.0 42.9 82.9

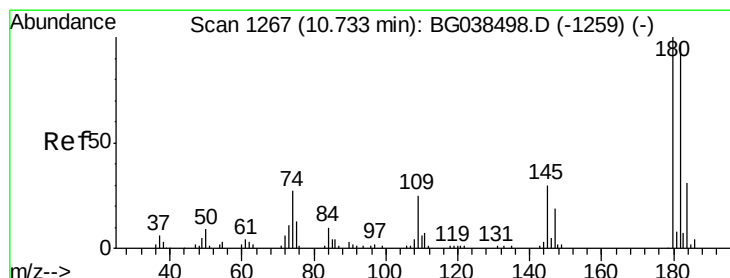
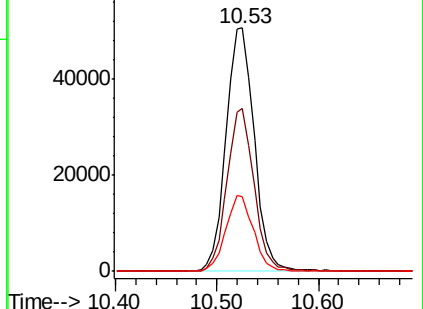
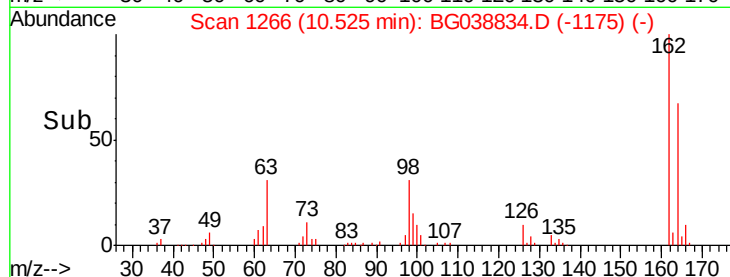
98 30.8 12.1 52.1



Abundance Ion 162.00 (161.70 to 162.70): E

Ion 164.00 (163.70 to 164.70): E

Ion 98.00 (97.70 to 98.70): B



#30

1,2,4-Trichlorobenzene

Concen: 45.379 ng

RT: 10.73 min Scan# 1301

Delta R.T. -0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

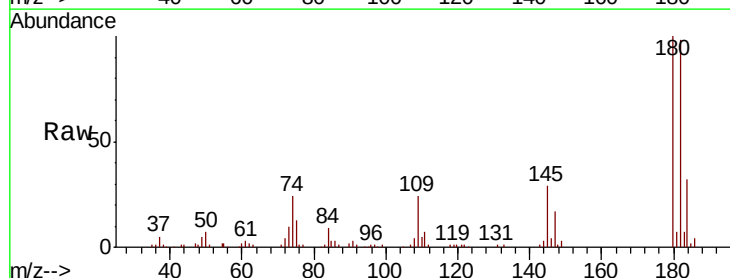
Tgt Ion:180 Resp: 92496

Ion Ratio Lower Upper

180 100

182 97.6 77.4 116.0

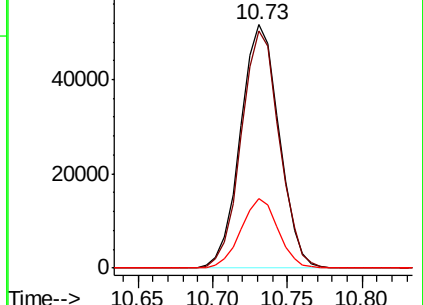
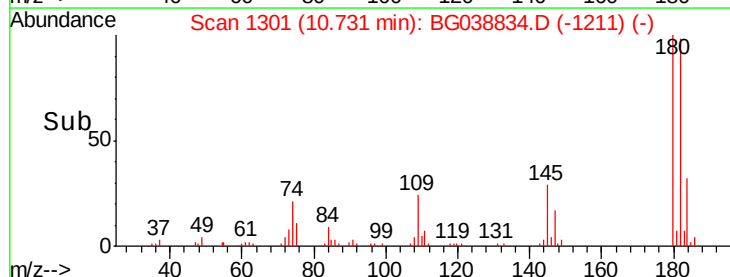
145 28.7 24.1 36.1

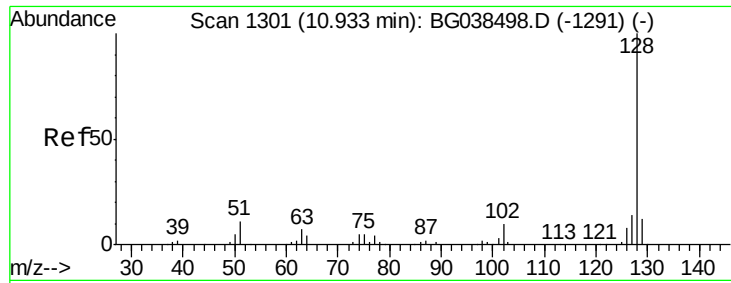


Abundance Ion 180.00 (179.70 to 180.70): E

Ion 182.00 (181.70 to 182.70): E

Ion 145.00 (144.70 to 145.70): E

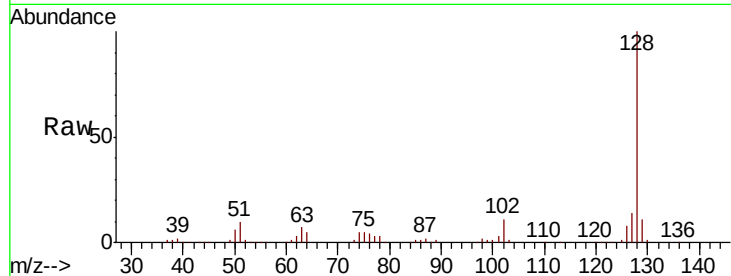




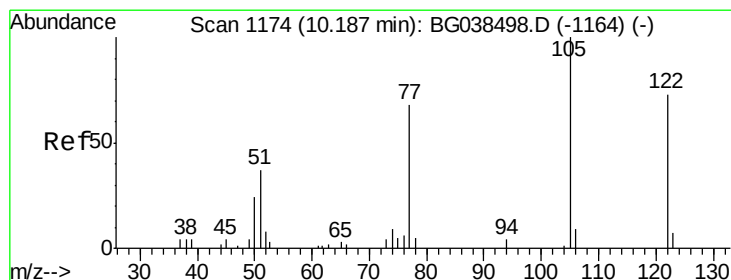
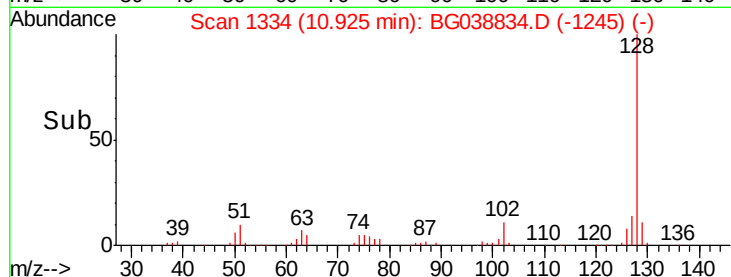
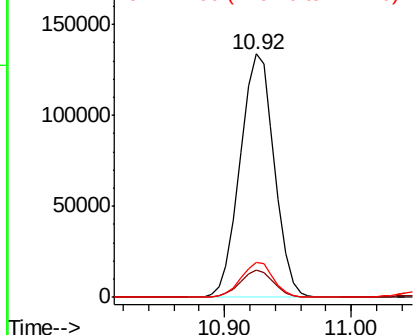
#31
Naphthalene
Concen: 48.631 ng
RT: 10.92 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Instrument :
BNA_G
ClientSampleId :
R20-OSMS

Tot Ion:128 Resp: 250215
Ion Ratio Lower Upper
128 100
129 11.2 9.5 14.3
127 14.1 10.9 16.3

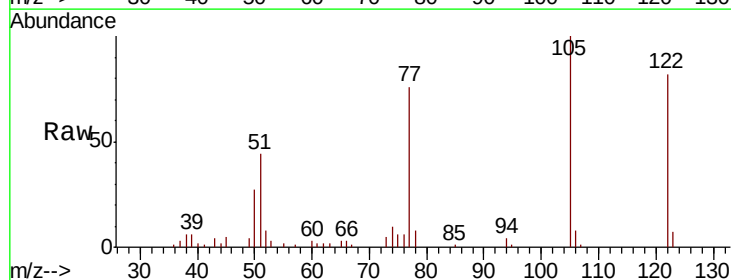


Abundance Ion 128.00 (127.70 to 128.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 127.00 (126.70 to 127.70): E

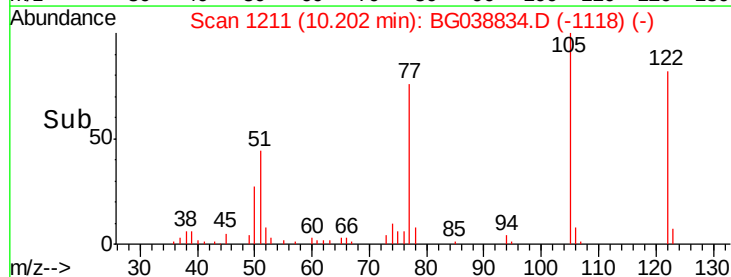
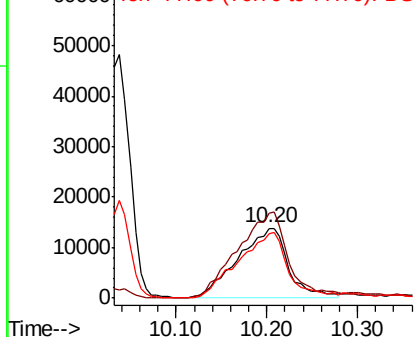


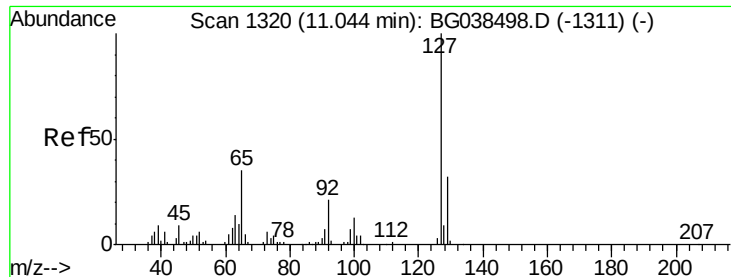
#32
Benzoic acid
Concen: 54.250 ng
RT: 10.20 min Scan# 1211
Delta R.T. 0.02 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Tgt Ion:122 Resp: 53885
Ion Ratio Lower Upper
122 100
105 121.7 116.7 156.7
77 92.3 72.5 112.5



Abundance Ion 122.00 (121.70 to 122.70): E
Ion 105.00 (104.70 to 105.70): E
Ion 77.00 (76.70 to 77.70): BG

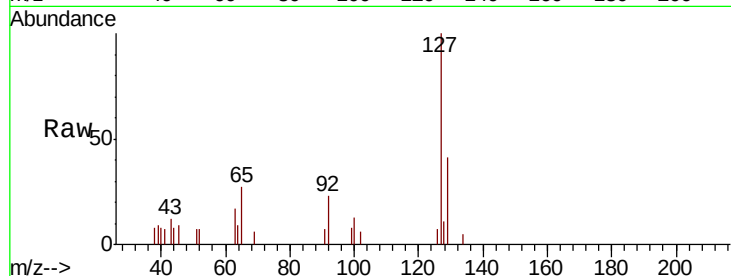




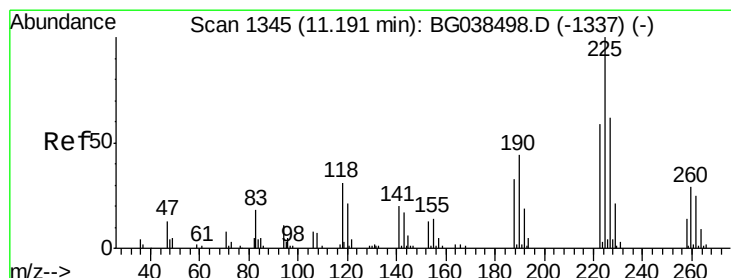
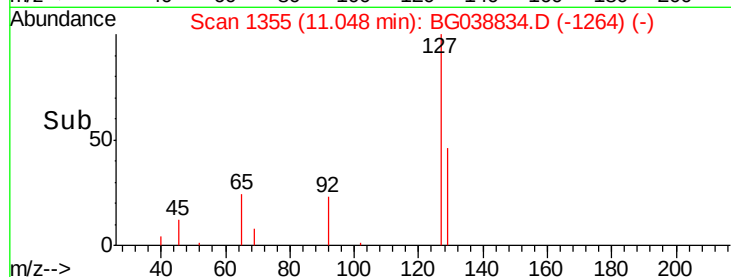
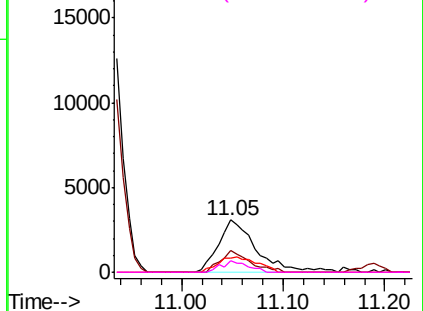
#33
4-Chloroaniline
Concen: 3.612 ng
RT: 11.05 min Scan# 1355
Delta R.T. 0.00 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Instrument :
BNA_G
ClientSampleId :
R20-OSMS

Tot Ion:127	Resp:	8068
Ion	Ratio	Lower Upper
127	100	
129	41.1	25.8 38.8#
65	27.0	27.8 41.6#
92	23.1	17.0 25.6

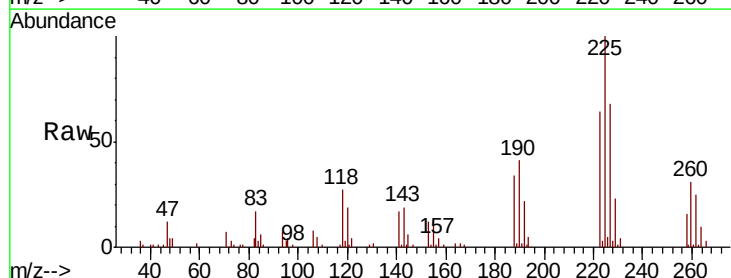


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

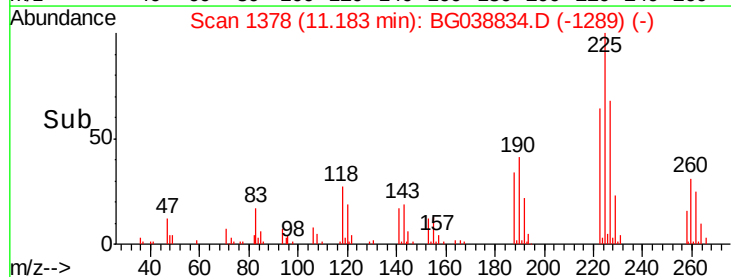
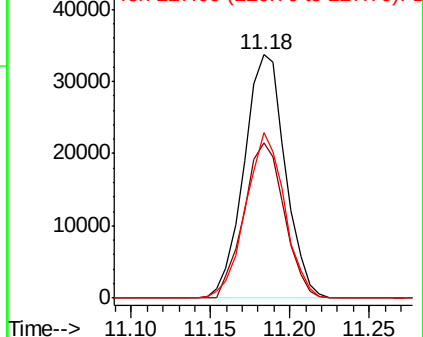


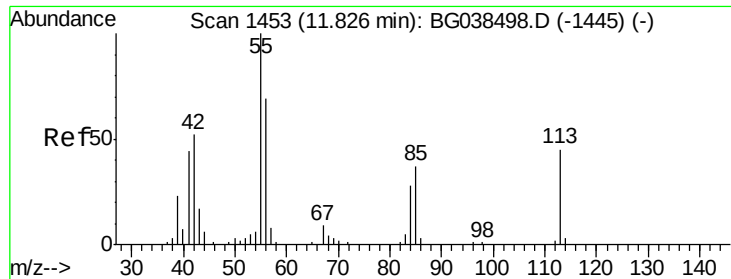
#34
Hexachlorobutadiene
Concen: 44.140 ng
RT: 11.18 min Scan# 1378
Delta R.T. -0.01 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Tgt Ion:225	Resp:	60877
Ion	Ratio	Lower Upper
225	100	
223	67.0	45.0 67.6
227	67.9	50.6 75.8



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

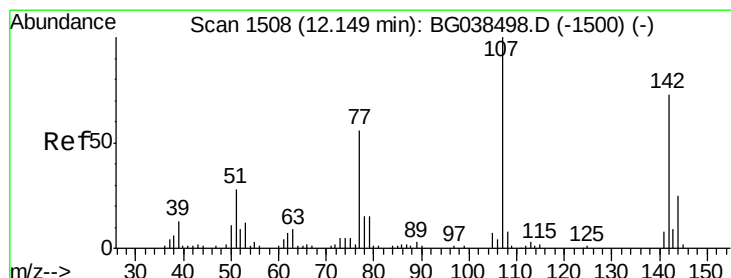
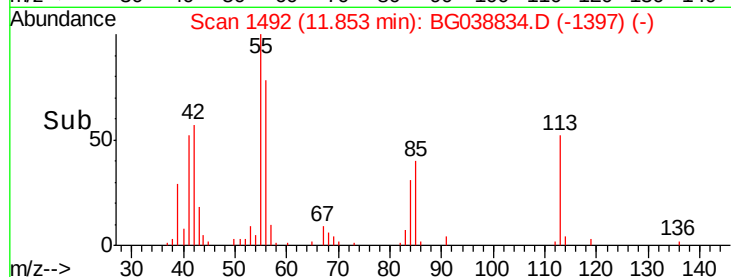
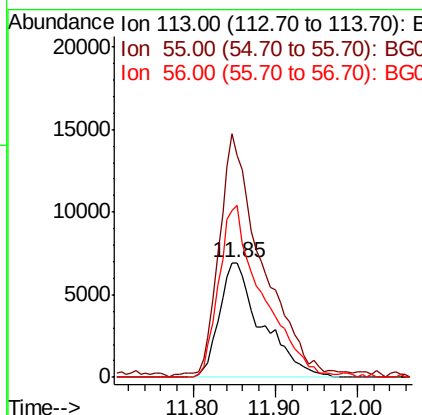
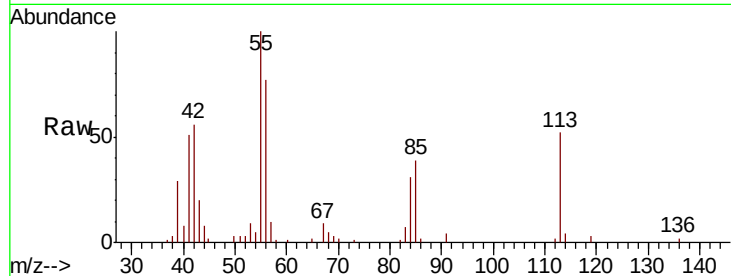




#35
 Caprolactam
 Concen: 35.944 ng
 RT: 11.85 min Scan# 1492
 Delta R.T. 0.03 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

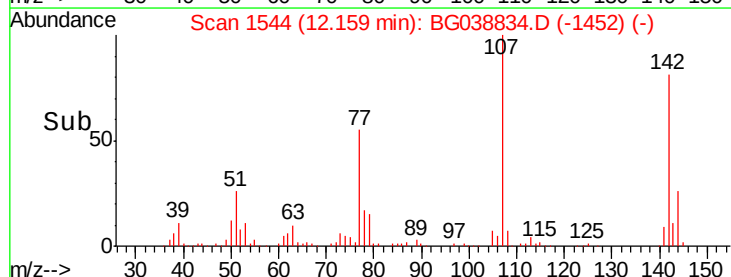
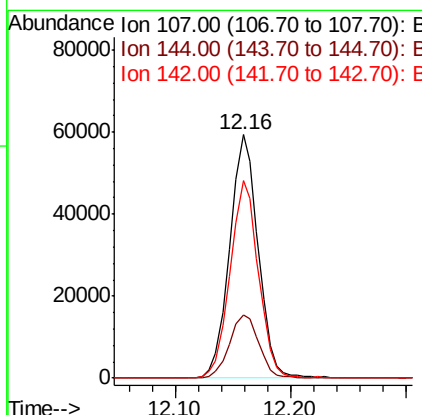
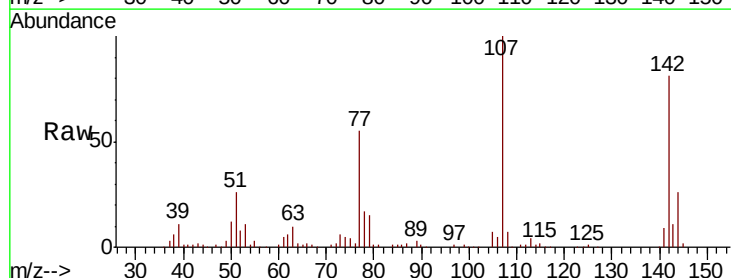
Instrument :
 BNA_G
 ClientSampled :
 R20-OSMS

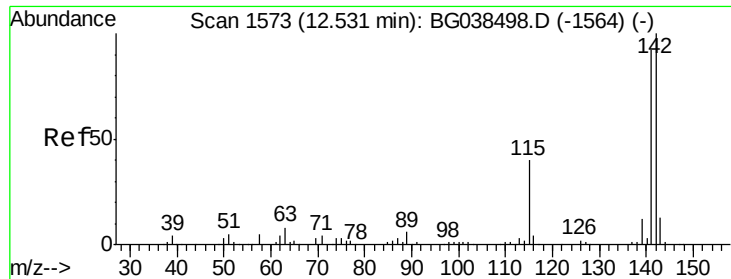
Tot Ion:113 Resp: 25101
 Ion Ratio Lower Upper
 113 100
 55 193.5 204.3 244.3#
 56 149.9 135.0 175.0



#36
 4-Chloro-3-methylphenol
 Concen: 52.481 ng
 RT: 12.16 min Scan# 1544
 Delta R.T. 0.01 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

Tgt Ion:107 Resp: 101061
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.1 30.1
 142 81.3 58.7 88.1

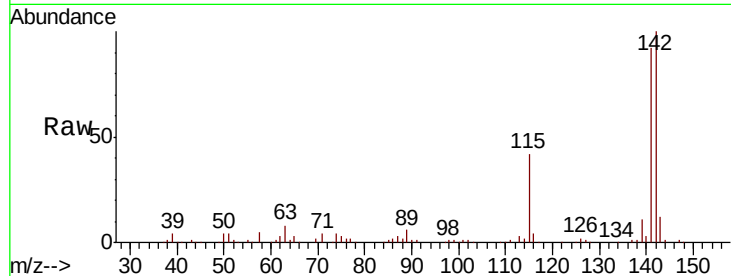




#37
 2-Methylnaphthalene
 Concen: 53.699 ng
 RT: 12.52 min Scan# 1606
 Delta R.T. -0.01 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.3	73.5	110.3
115	42.0	31.7	47.5

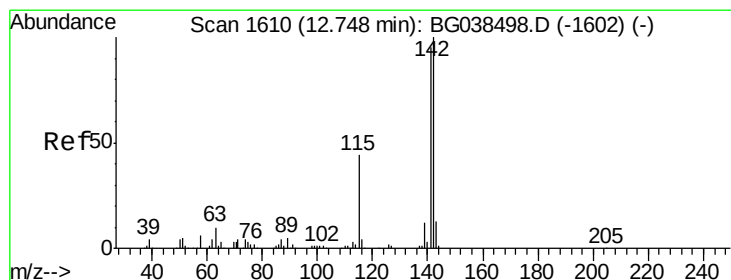
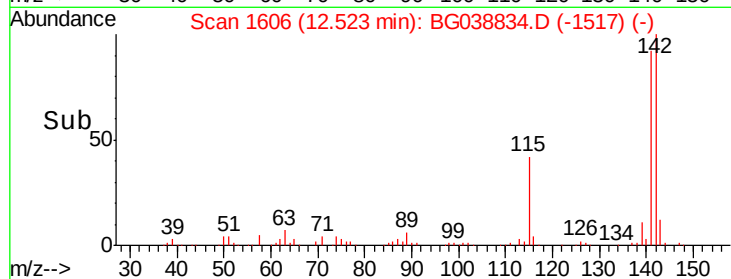
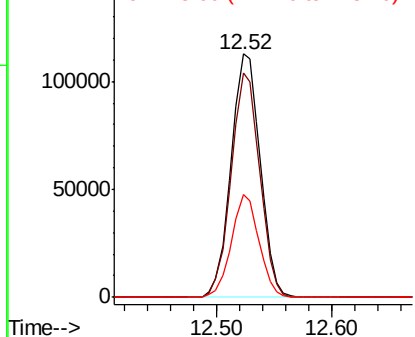


Abundance

Ion 142.00 (141.70 to 142.70): E

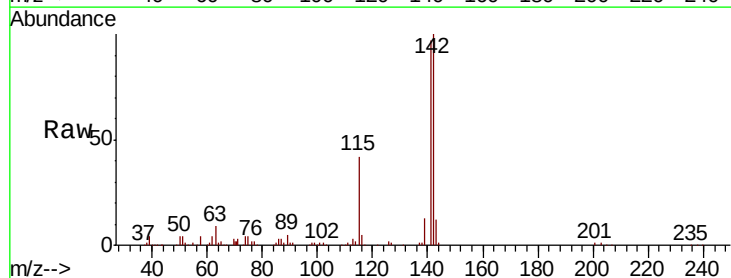
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 53.125 ng
 RT: 12.75 min Scan# 1644
 Delta R.T. -0.00 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

Tgt Ion	Ratio	Lower	Upper
142	100		
141	96.6	75.8	113.8
116	4.6	3.6	5.4

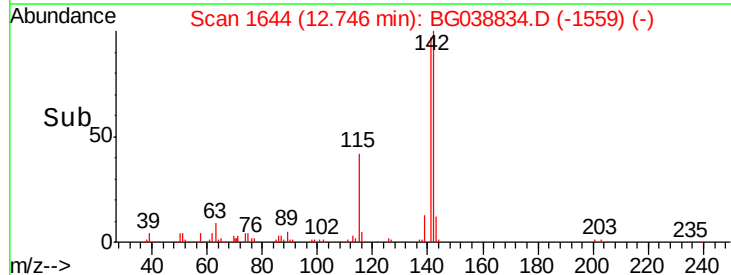
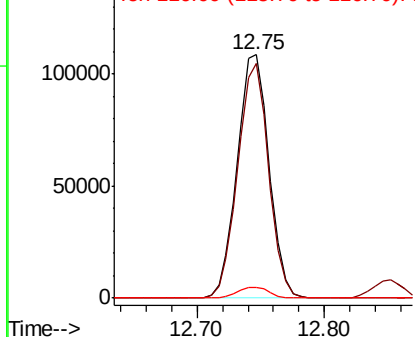


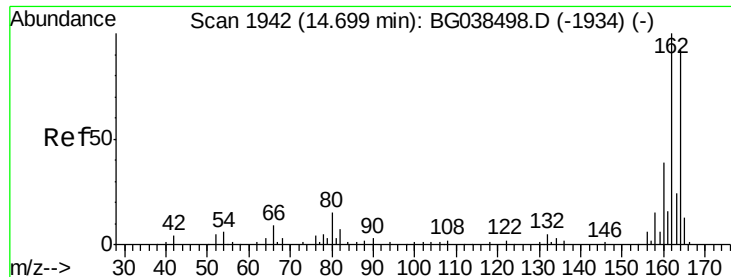
Abundance

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: 14.70 min Scan# 1976

Delta R.T. -0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

Instrument :

BNA_G

ClientSampleId :

R20-OSMS

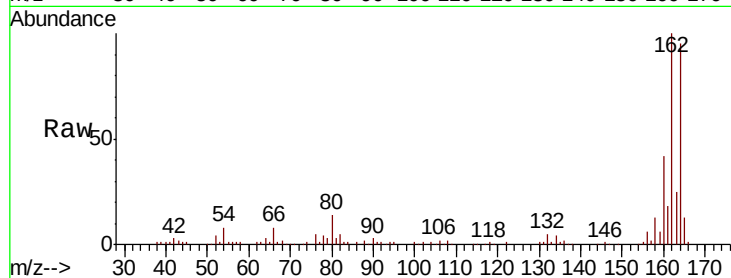
Tot Ion:164 Resp: 75749

Ion Ratio Lower Upper

164 100

162 105.7 86.6 130.0

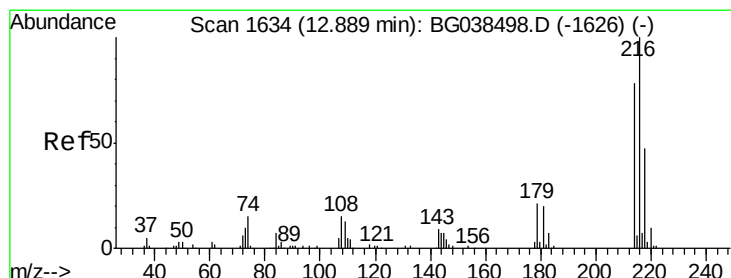
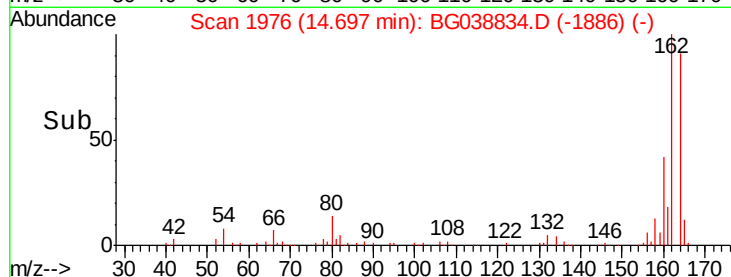
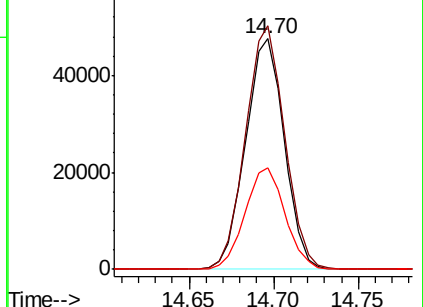
160 44.3 34.2 51.2



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: 43.540 ng

RT: 12.89 min Scan# 1668

Delta R.T. -0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

Tgt Ion:216 Resp: 123282

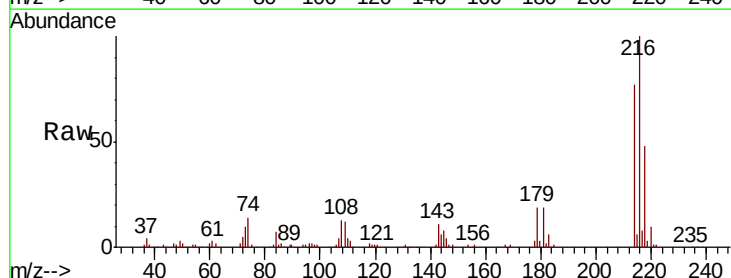
Ion Ratio Lower Upper

216 100

214 78.6 64.1 96.1

179 19.4 16.4 24.6

108 16.3 13.9 20.9

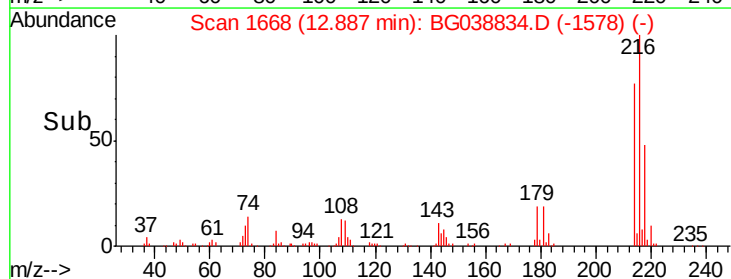
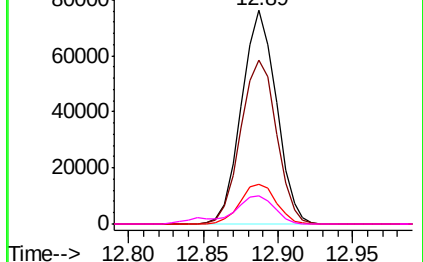


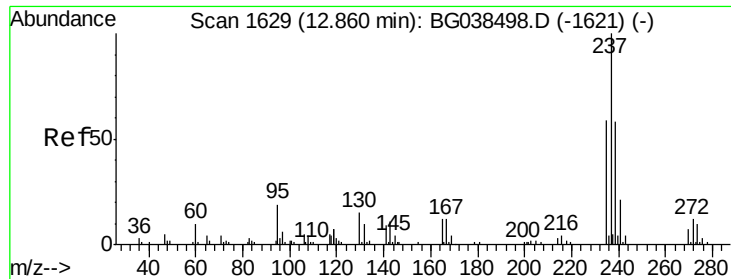
Abundance Ion 216.00 (215.70 to 216.70): E

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

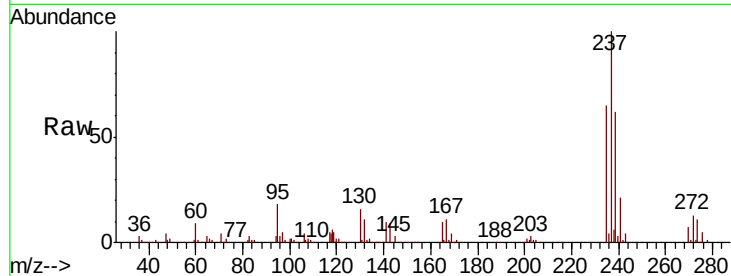




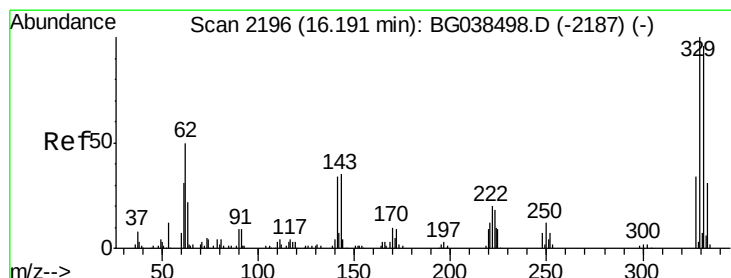
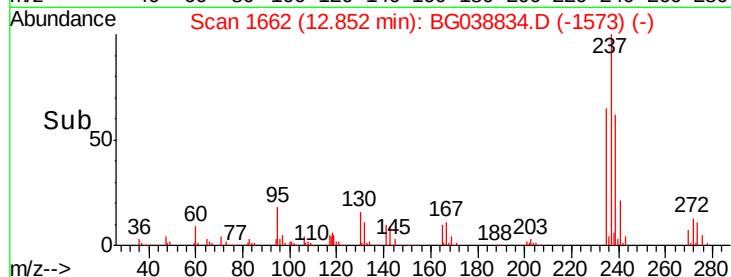
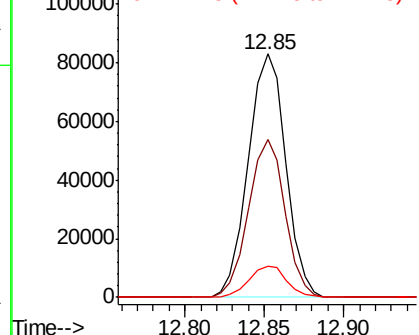
#41
Hexachlorocyclopentadiene
Concen: 87.933 ng
RT: 12.85 min Scan# 1662
Delta R.T. -0.01 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Instrument :
BNA_G
ClientSampleId :
R20-OSMS

Tot Ion:237 Resp: 136789
Ion Ratio Lower Upper
237 100
235 64.7 38.8 78.8
272 13.0 0.0 32.0

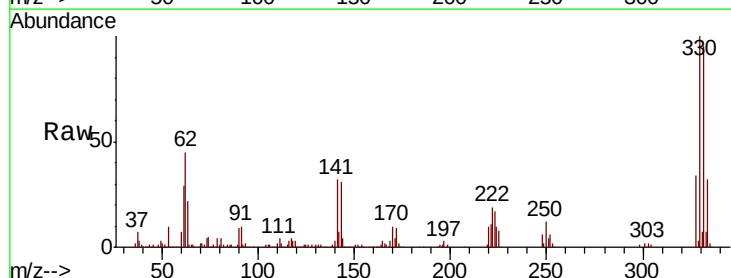


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

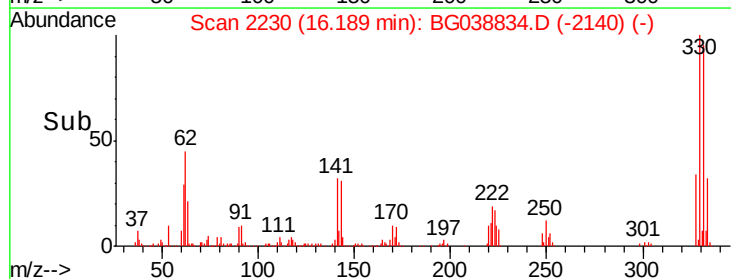
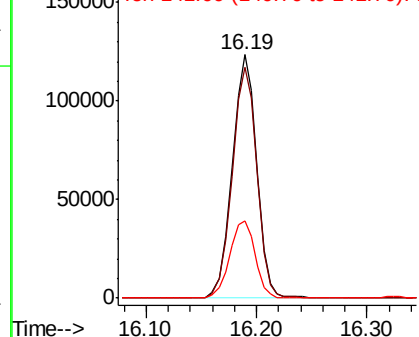


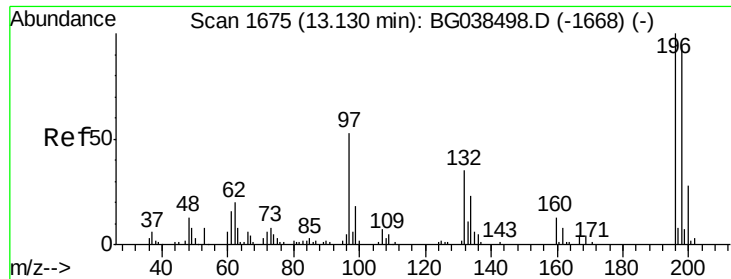
#42
2,4,6-Tribromophenol
Concen: 183.001 ng
RT: 16.19 min Scan# 2230
Delta R.T. -0.00 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Tgt Ion:330 Resp: 191045
Ion Ratio Lower Upper
330 100
332 95.7 76.9 115.3
141 33.2 28.8 43.2



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

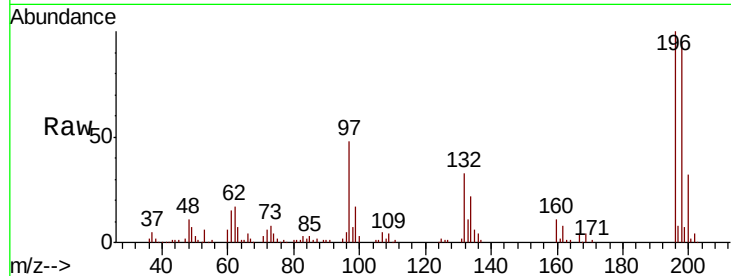




#43
 2,4,6-Trichlorophenol
 Concen: 53.338 ng
 RT: 13.13 min Scan# 1710
 Delta R.T. 0.00 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

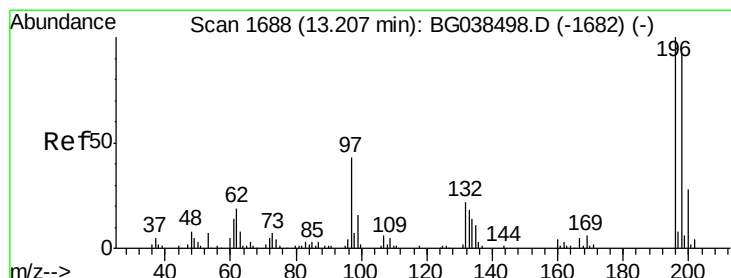
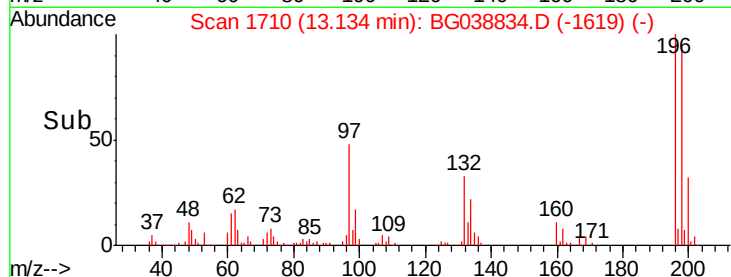
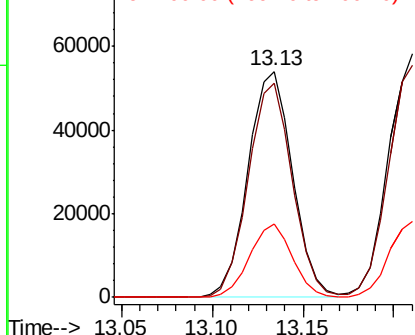
Instrument :
 BNA_G
 ClientSampled :
 R20-OSMS

Tot Ion:196 Resp: 92860
 Ion Ratio Lower Upper
 196 100
 198 94.7 75.0 112.4
 200 32.3 22.4 33.6



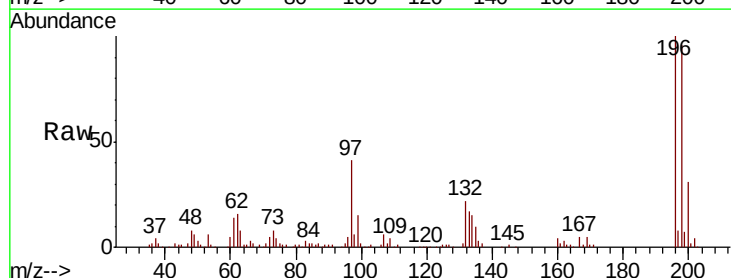
Abundance

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



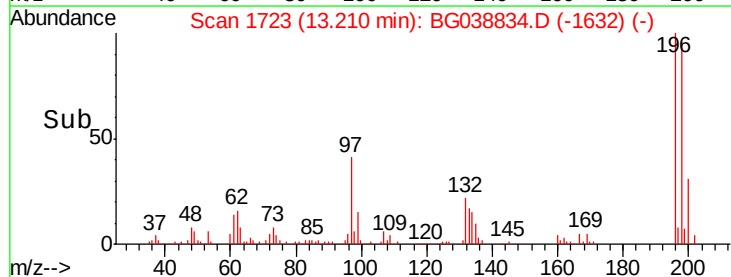
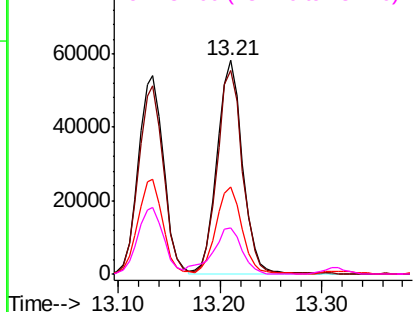
#44
 2,4,5-Trichlorophenol
 Concen: 55.015 ng
 RT: 13.21 min Scan# 1723
 Delta R.T. 0.00 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

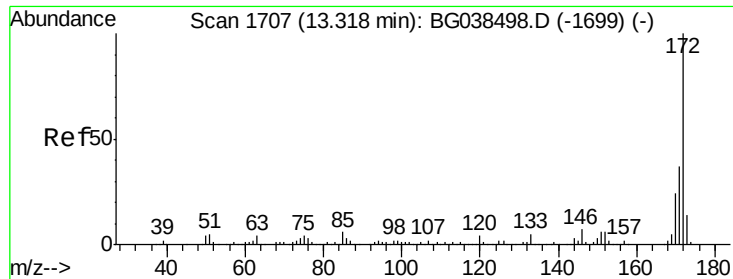
Tgt Ion:196 Resp: 101408
 Ion Ratio Lower Upper
 196 100
 198 95.5 74.0 111.0
 97 40.9 35.1 52.7
 132 21.7 18.0 27.0



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

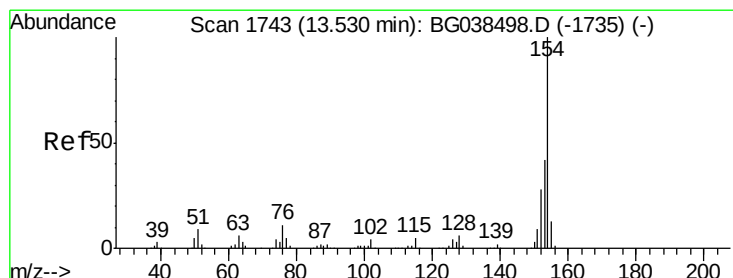
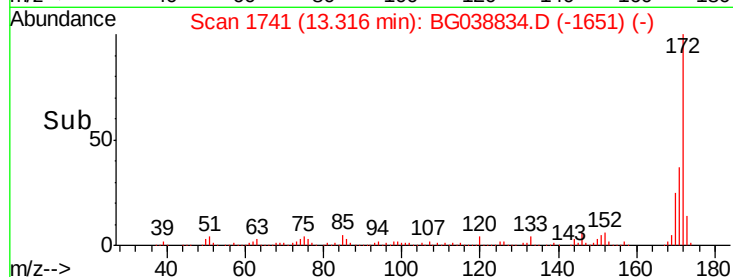
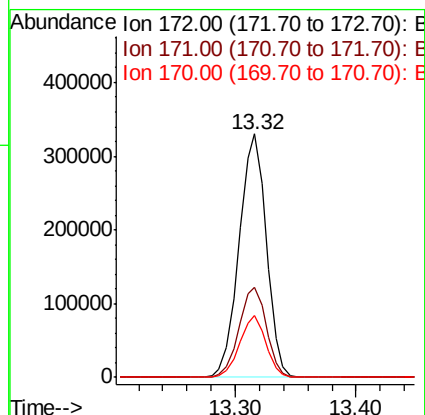
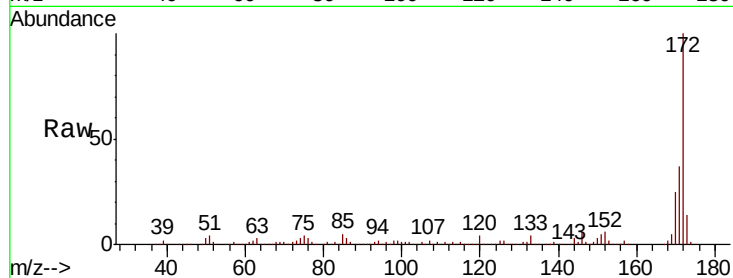




#45
2-Fluorobiphenyl
Concen: 94.014 ng
RT: 13.32 min Scan# 1741
Delta R.T. -0.00 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

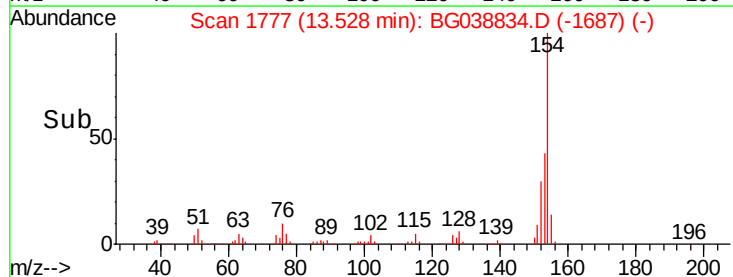
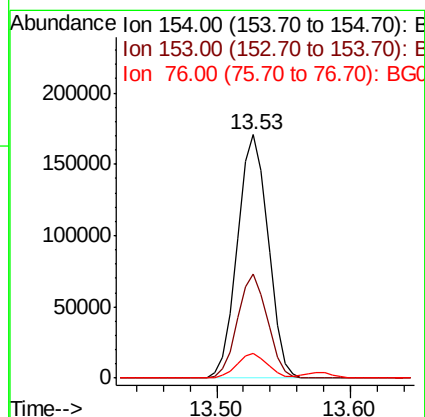
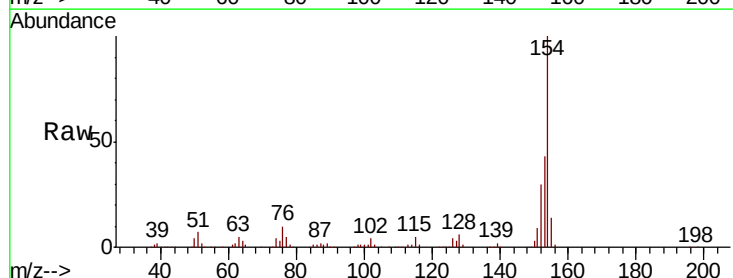
Instrument :
BNA_G
ClientSampleId :
R20-OSMS

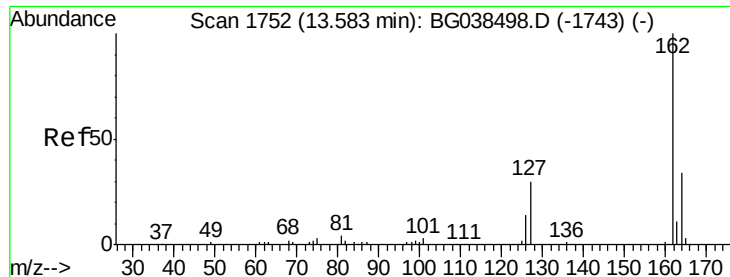
Tot Ion:172 Resp: 519117
Ion Ratio Lower Upper
172 100
171 37.2 29.8 44.6
170 25.2 19.5 29.3



#46
1,1'-Biphenyl
Concen: 42.850 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.00 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Tgt Ion:154 Resp: 272106
Ion Ratio Lower Upper
154 100
153 42.6 22.1 62.1
76 10.2 0.0 31.2

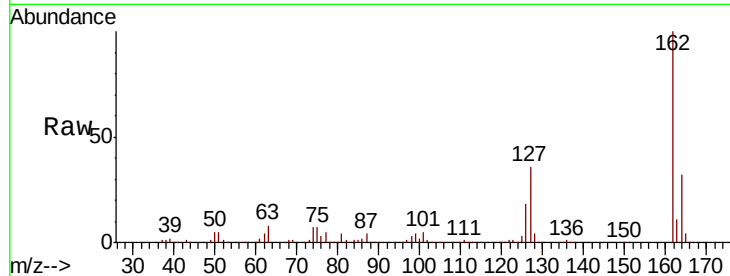




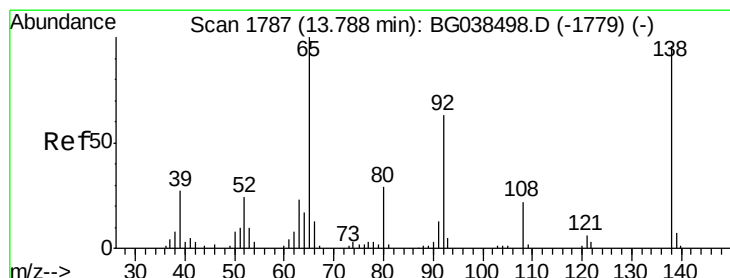
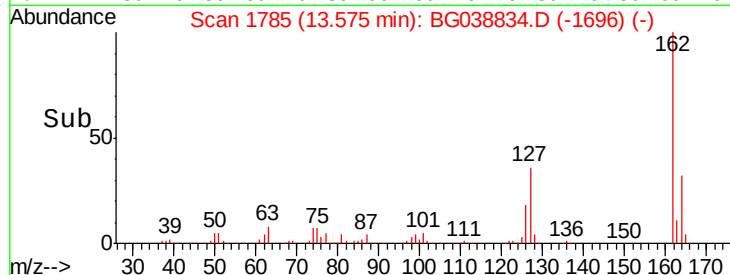
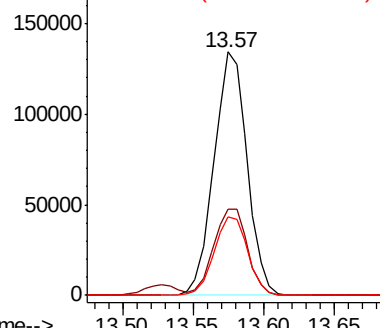
#47
 2-Chloronaphthalene
 Concen: 44.917 ng
 RT: 13.57 min Scan# 1785
 Delta R.T. -0.01 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	35.6	27.8	41.8
164	32.3	26.9	40.3

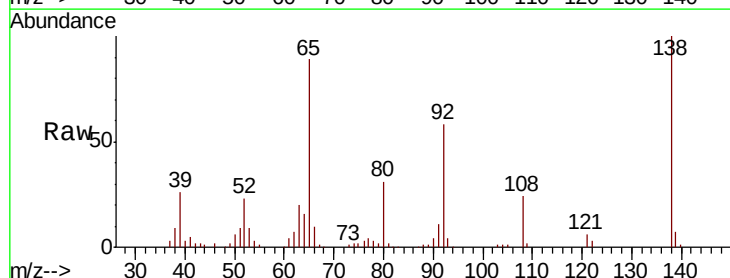


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 127.00 (126.70 to 127.70): E
 Ion 164.00 (163.70 to 164.70): E

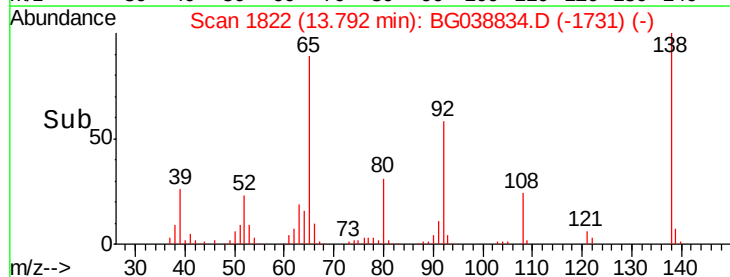
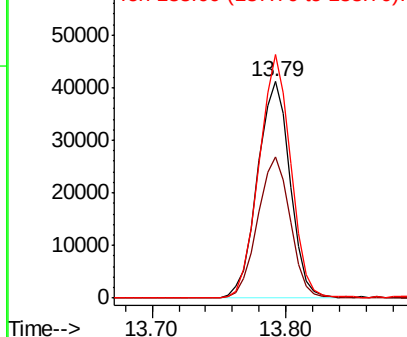


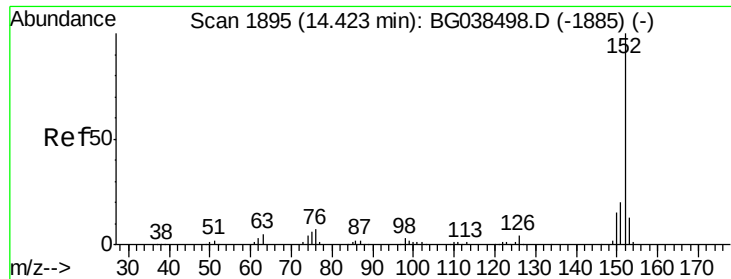
#48
 2-Nitroaniline
 Concen: 44.489 ng
 RT: 13.79 min Scan# 1822
 Delta R.T. 0.00 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.5	50.0	75.0
138	112.5	76.9	115.3



Abundance Ion 65.00 (64.70 to 65.70): BGC
 Ion 92.00 (91.70 to 92.70): BGC
 Ion 138.00 (137.70 to 138.70): E





#49

Acenaphthylene

Concen: 48.963 ng

RT: 14.42 min Scan# 1929

Delta R.T. -0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

Instrument :

BNA_G

ClientSampleId :

R20-OSMS

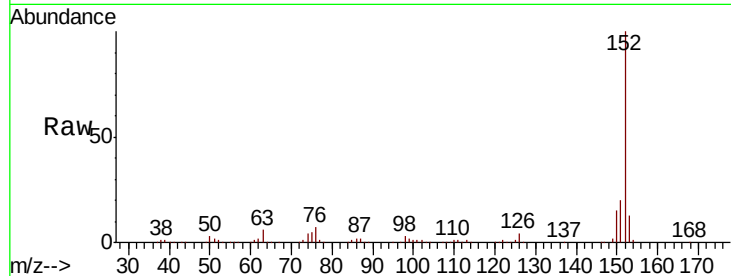
Tot Ion:152 Resp: 359050

Ion Ratio Lower Upper

152 100

151 20.3 16.4 24.6

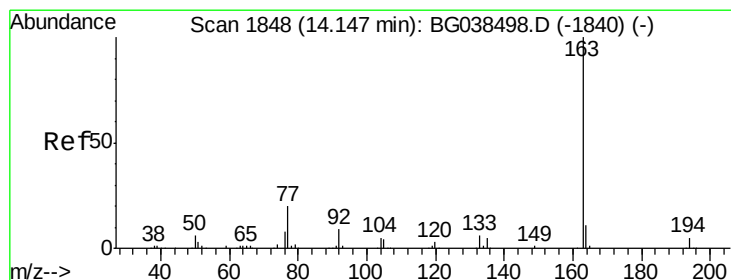
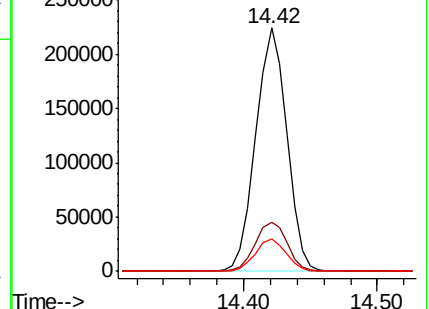
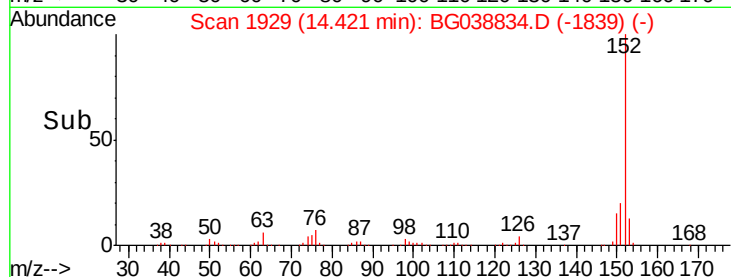
153 13.4 10.4 15.6



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: 49.836 ng

RT: 14.14 min Scan# 1882

Delta R.T. -0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

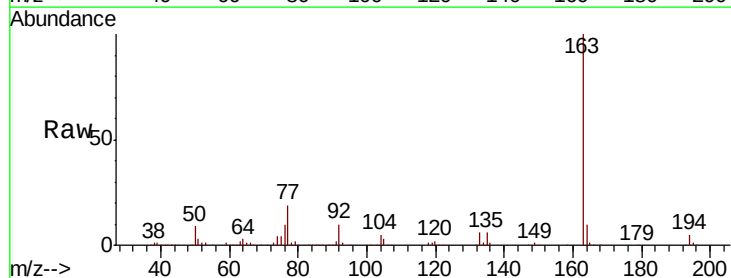
Tgt Ion:163 Resp: 308281

Ion Ratio Lower Upper

163 100

194 4.6 3.7 5.5

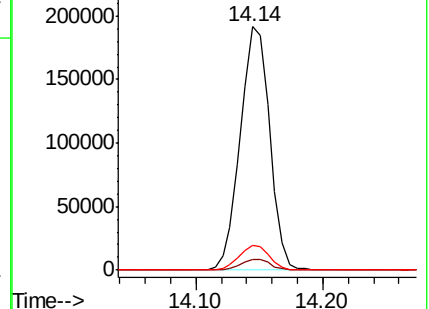
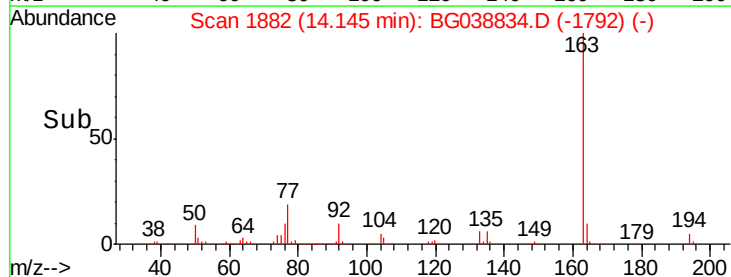
164 10.2 8.6 12.8

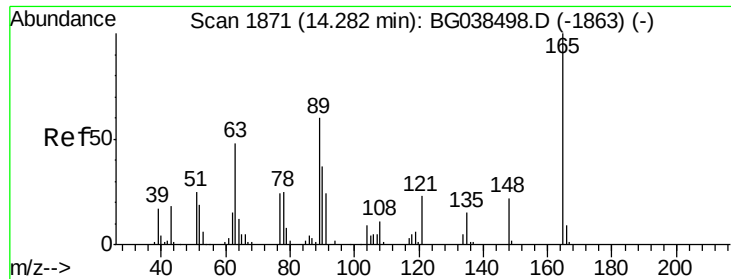


Abundance Ion 163.00 (162.70 to 163.70): E

Ion 194.00 (193.70 to 194.70): E

Ion 164.00 (163.70 to 164.70): E

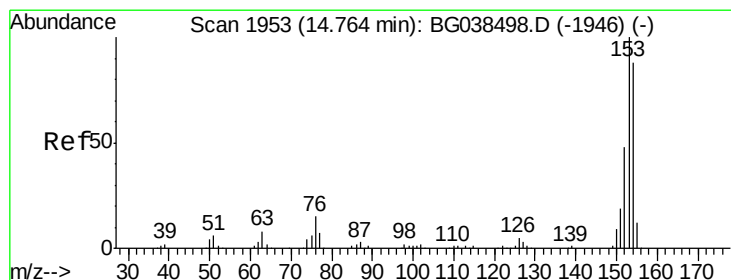
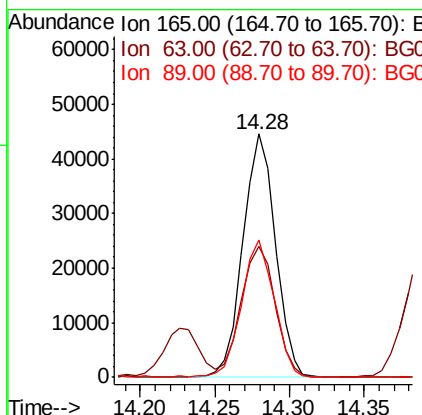
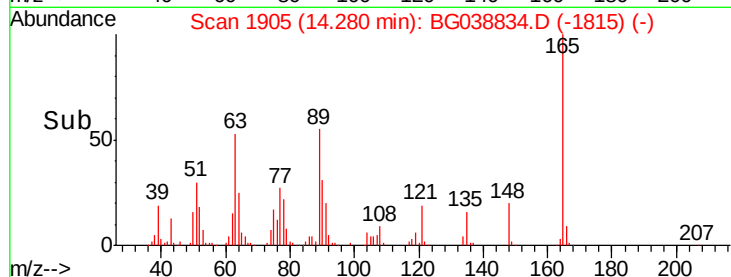
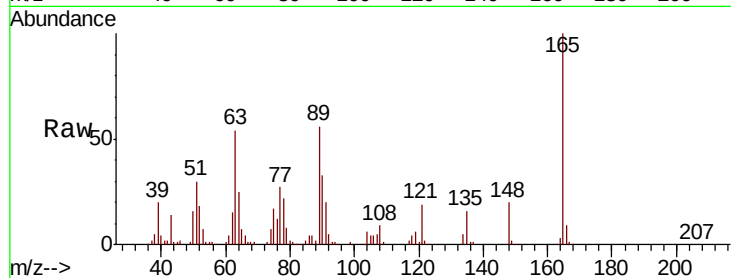




#51
 2,6-Dinitrotoluene
 Concen: 47.957 ng
 RT: 14.28 min Scan# 1905
 Delta R.T. -0.00 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

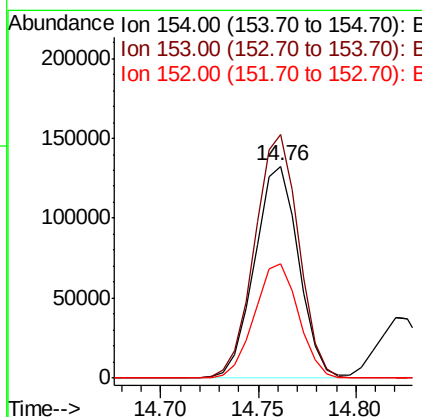
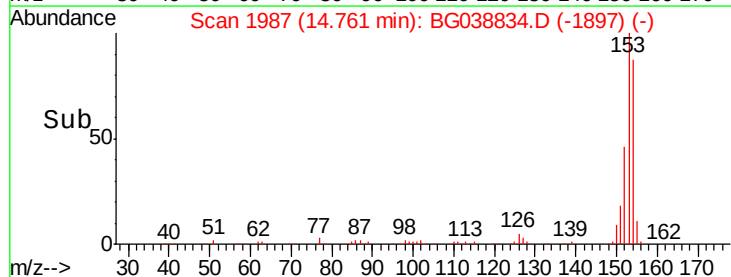
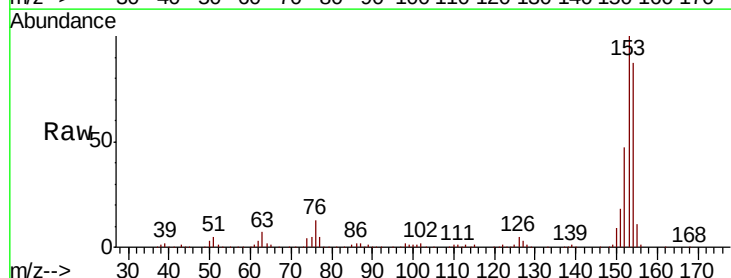
Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMS

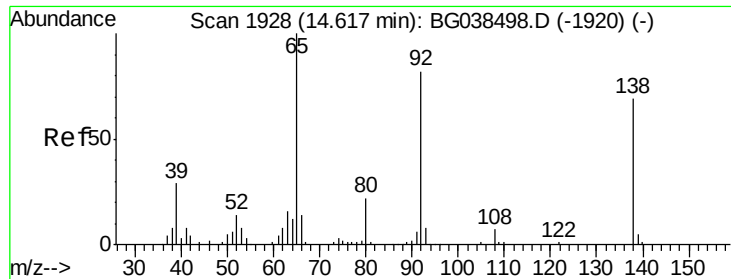
Tot Ion:165 Resp: 67228
 Ion Ratio Lower Upper
 165 100
 63 53.8 51.8 77.6
 89 56.4 47.9 71.9



#52
 Acenaphthene
 Concen: 47.219 ng
 RT: 14.76 min Scan# 1987
 Delta R.T. -0.00 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

Tgt Ion:154 Resp: 207051
 Ion Ratio Lower Upper
 154 100
 153 114.9 90.6 136.0
 152 53.7 43.5 65.3

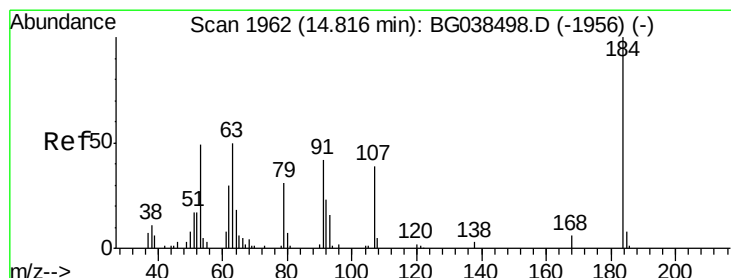
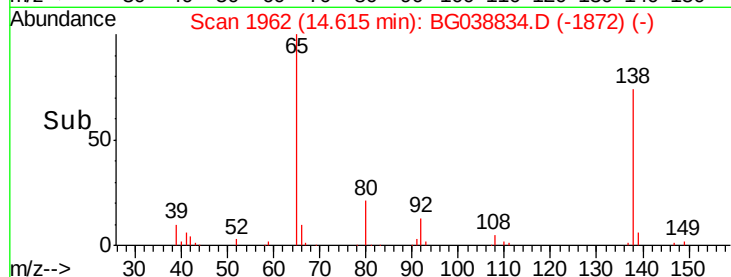
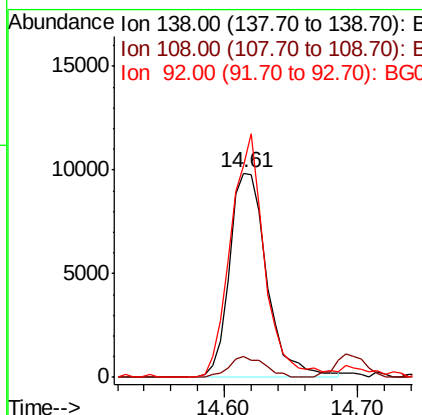
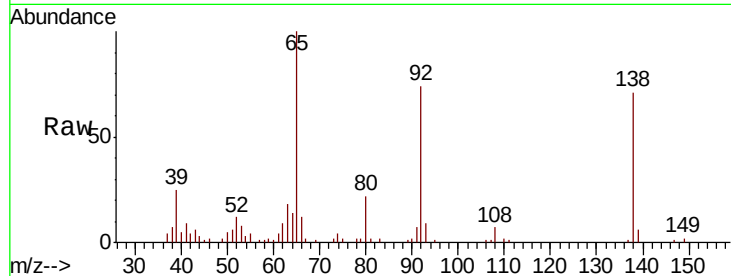




#53
 3-Nitroaniline
 Concen: 13.402 ng
 RT: 14.61 min Scan# 1962
 Delta R.T. -0.00 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

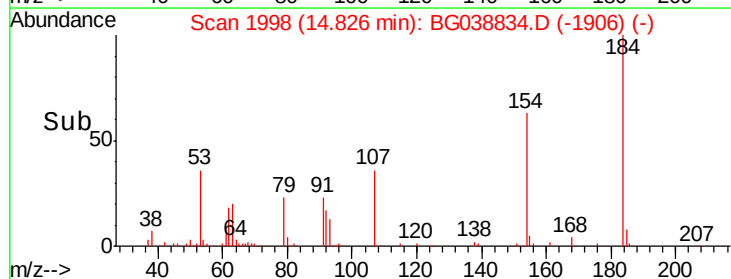
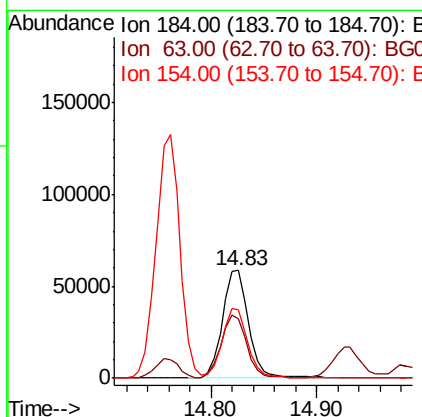
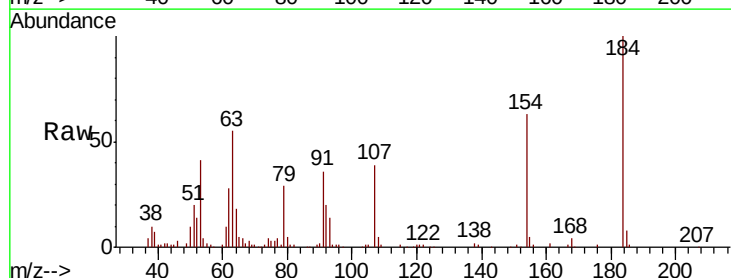
Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMS

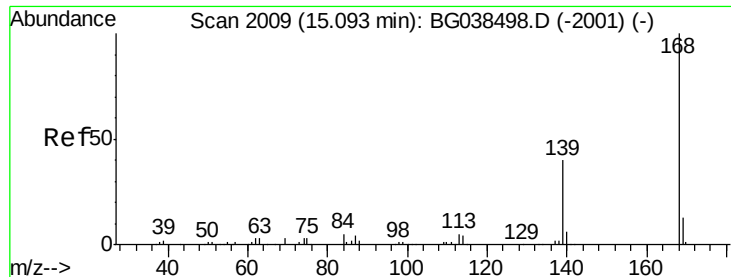
Tot Ion:138 Resp: 19152
 Ion Ratio Lower Upper
 138 100
 108 9.9 7.9 11.9
 92 103.7 95.3 142.9



#54
 2,4-Dinitrophenol
 Concen: 117.965 ng
 RT: 14.83 min Scan# 1998
 Delta R.T. 0.01 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

Tgt Ion:184 Resp: 100587
 Ion Ratio Lower Upper
 184 100
 63 55.5 47.0 70.6
 154 63.4 50.3 75.5

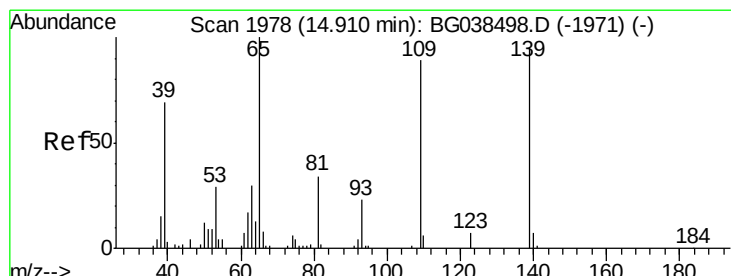
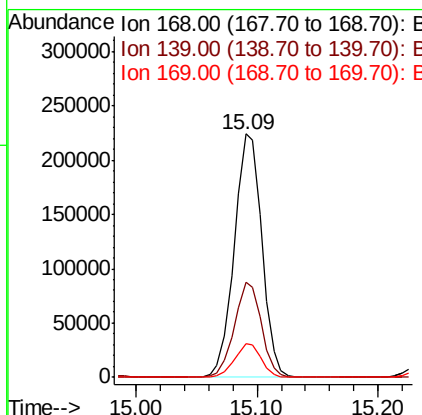
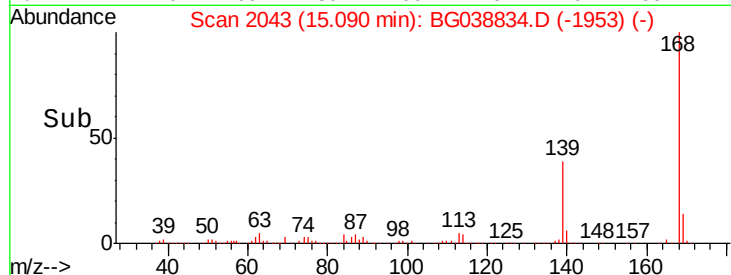
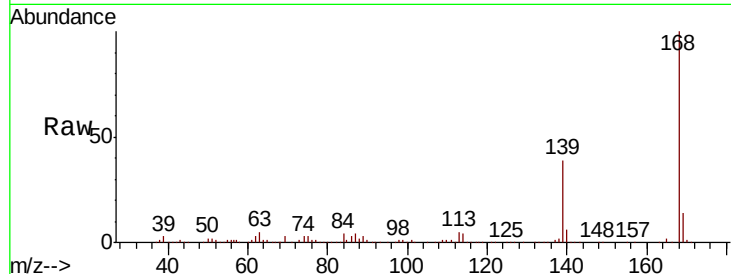




#55
Dibenzenofuran
Concen: 47.313 ng
RT: 15.09 min Scan# 2043
Delta R.T. -0.00 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

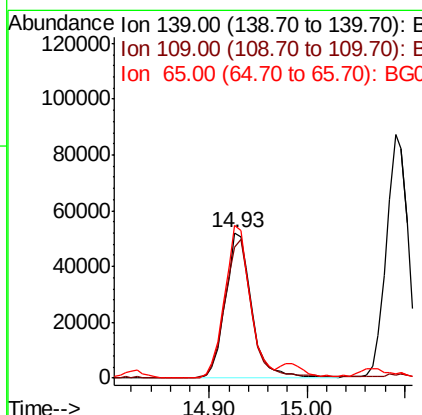
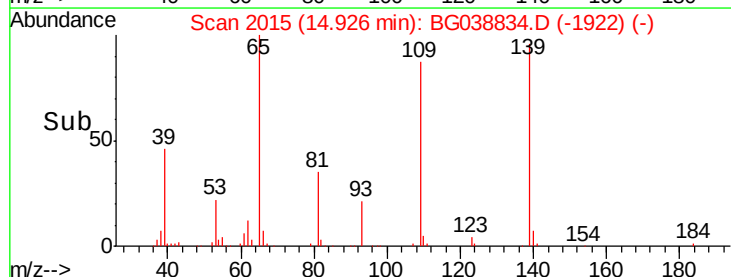
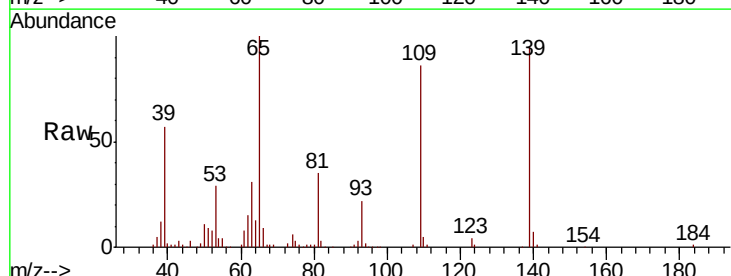
Instrument :
BNA_G
ClientSampleId :
R20-OSMS

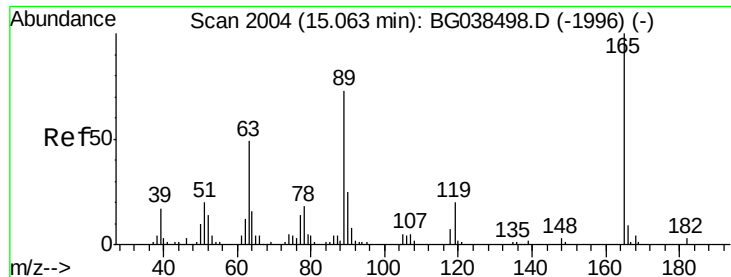
Tot	Ion:168	Resp:	355627
Ion	Ratio	Lower	Upper
168	100		
139	38.9	32.2	48.2
169	13.8	10.6	16.0



#56
4-Nitrophenol
Concen: 90.024 ng
RT: 14.93 min Scan# 2015
Delta R.T. 0.02 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Tgt	Ion:139	Resp:	97593
Ion	Ratio	Lower	Upper
139	100		
109	90.2	73.6	113.6
65	105.3	84.8	124.8

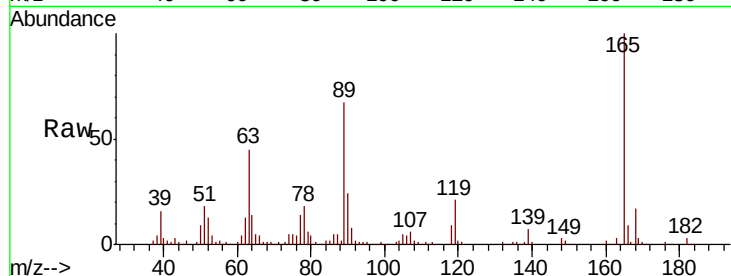




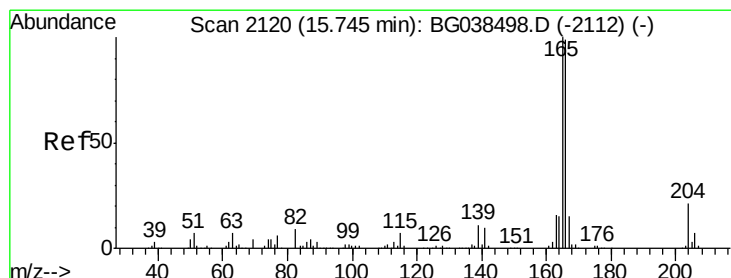
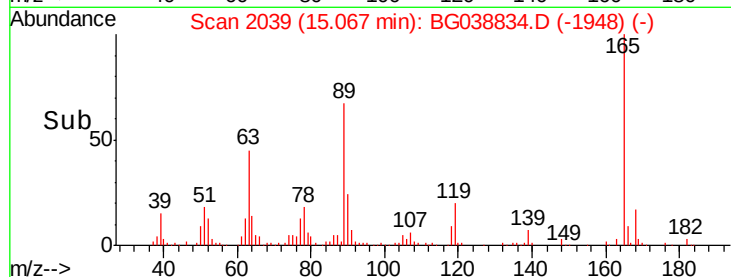
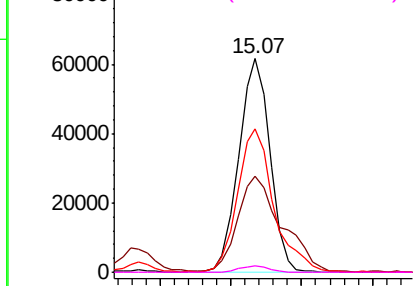
#57
 2,4-Dinitrotoluene
 Concen: 48.086 ng
 RT: 15.07 min Scan# 2039
 Delta R.T. 0.00 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMS

Tot Ion:165 Resp: 94942
 Ion Ratio Lower Upper
 165 100
 63 45.1 39.0 58.4
 89 67.2 58.0 87.0
 182 3.0 2.3 3.5

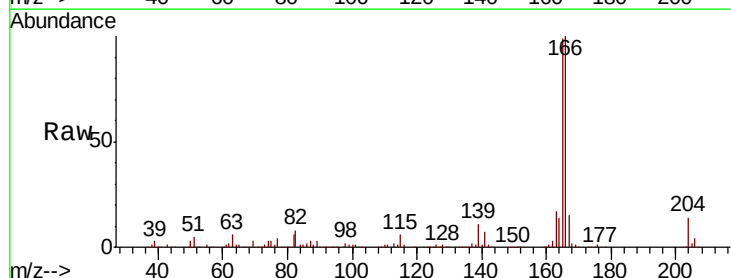


Abundance Ion 165.00 (164.70 to 165.70): E
 Ion 63.00 (62.70 to 63.70): BG
 Ion 89.00 (88.70 to 89.70): BG
 Ion 182.00 (181.70 to 182.70): E

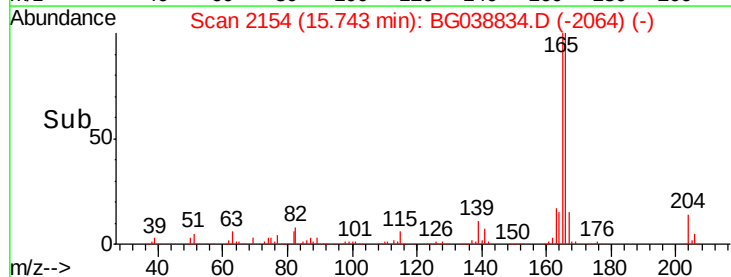
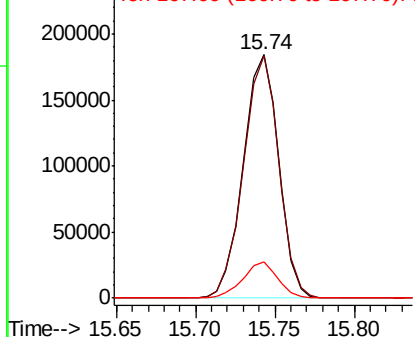


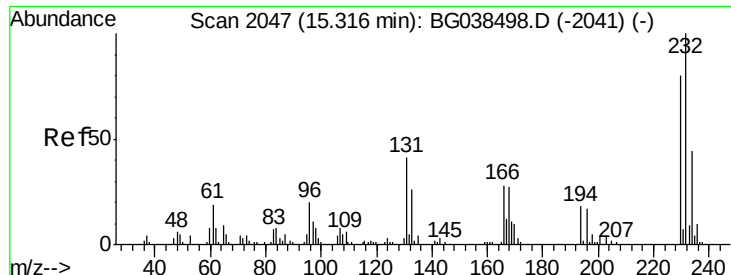
#58
 Fluorene
 Concen: 51.446 ng
 RT: 15.74 min Scan# 2154
 Delta R.T. -0.00 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

Tgt Ion:166 Resp: 286493
 Ion Ratio Lower Upper
 166 100
 165 99.4 80.6 120.8
 167 14.8 12.0 18.0



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

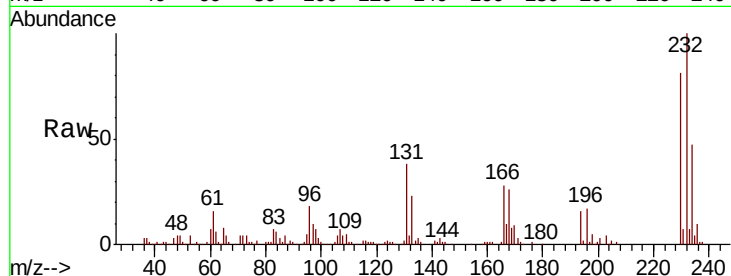




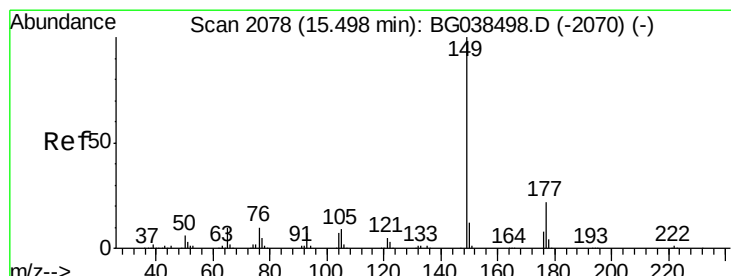
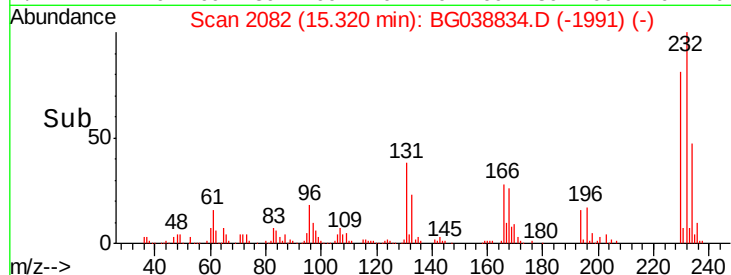
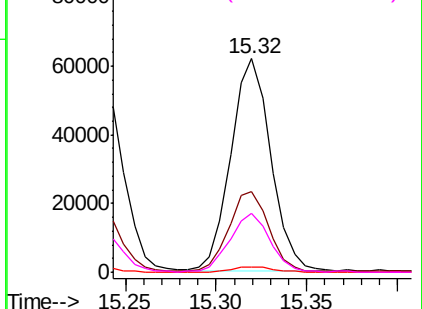
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 57.311 ng
 RT: 15.32 min Scan# 2082
 Delta R.T. 0.00 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMS

Tot Ion:232 Resp: 95044
 Ion Ratio Lower Upper
 232 100
 131 37.8 33.0 49.4
 130 2.7 2.0 3.0
 166 27.9 23.1 34.7

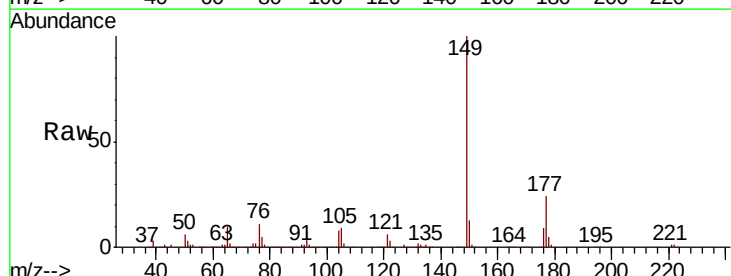


Abundance Ion 232.00 (231.70 to 232.70): E
 Ion 131.00 (130.70 to 131.70): E
 Ion 130.00 (129.70 to 130.70): E
 Ion 166.00 (165.70 to 166.70): E

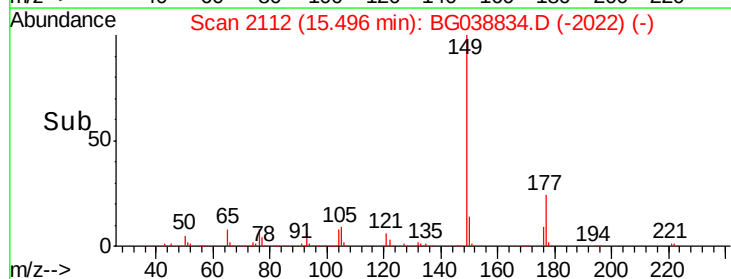
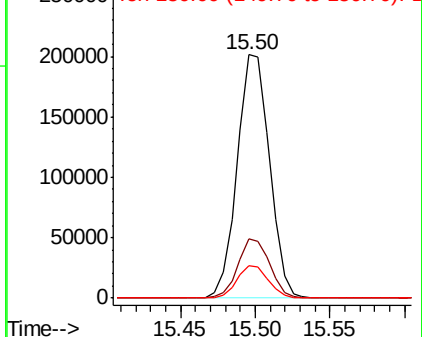


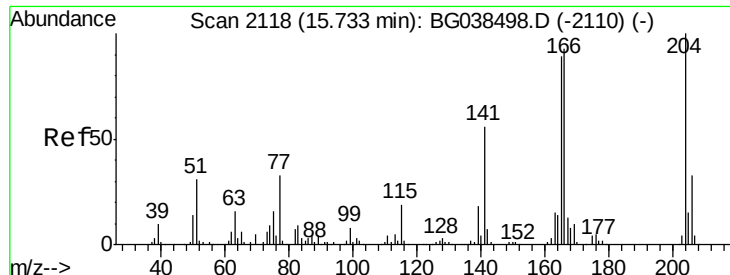
#60
 Diethylphthalate
 Concen: 44.420 ng
 RT: 15.50 min Scan# 2112
 Delta R.T. -0.00 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

Tgt Ion:149 Resp: 301648
 Ion Ratio Lower Upper
 149 100
 177 24.3 17.7 26.5
 150 13.5 9.9 14.9



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

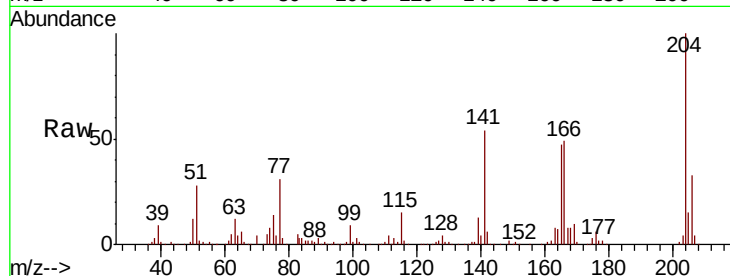




#61
4-Chlorophenyl-phenylether
Concen: 47.313 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Instrument :
BNA_G
ClientSampleId :
R20-OSMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	32.9	26.0	39.0
141	54.4	44.4	66.6

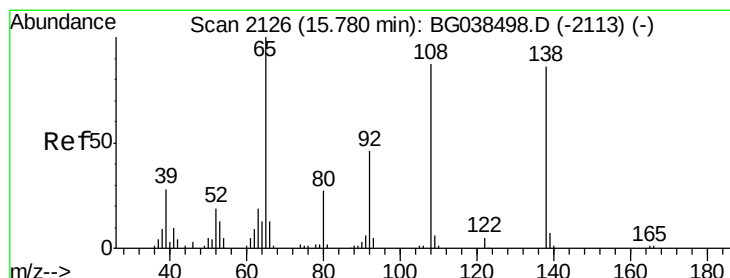
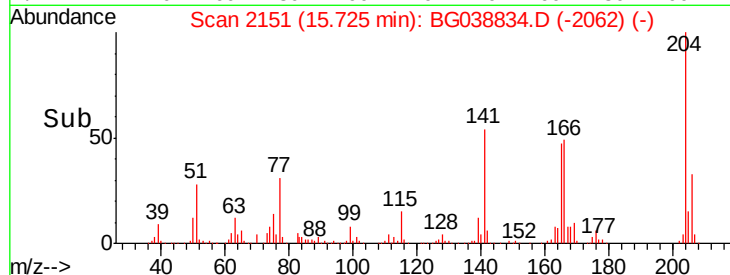
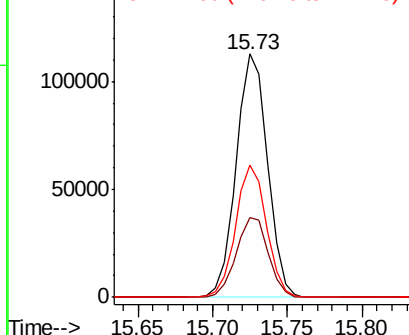


Abundance

Ion 204.00 (203.70 to 204.70): E

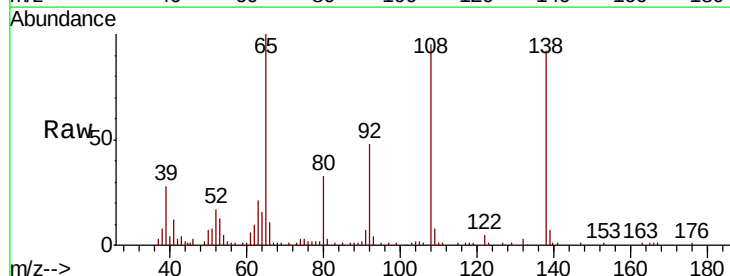
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 38.543 ng
RT: 15.78 min Scan# 2161
Delta R.T. 0.00 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.8	33.3	73.3
108	103.1	81.4	121.4

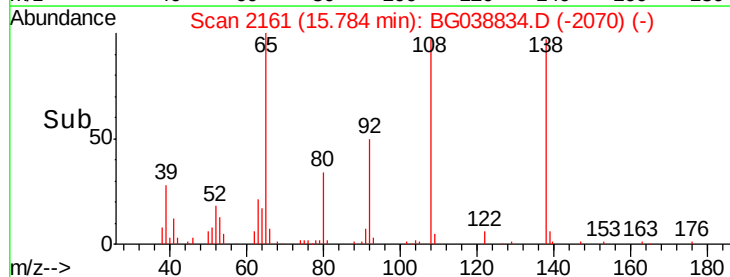
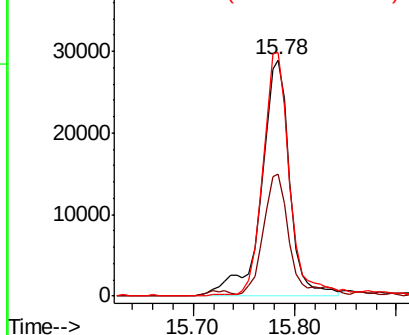


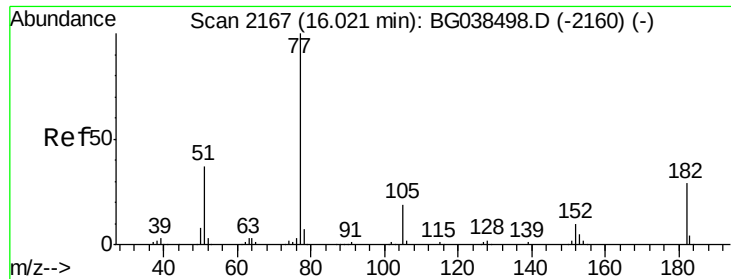
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E

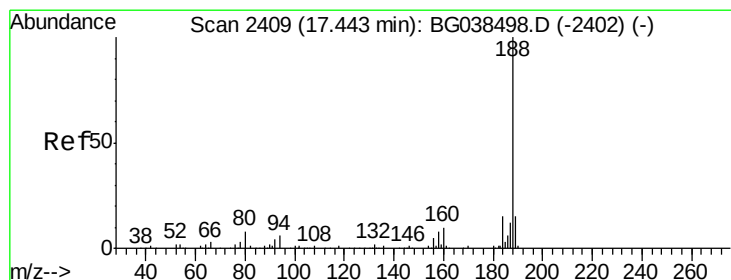
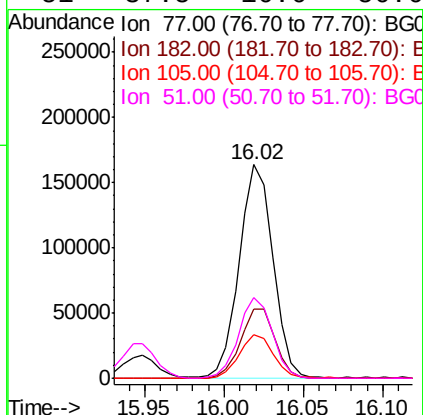
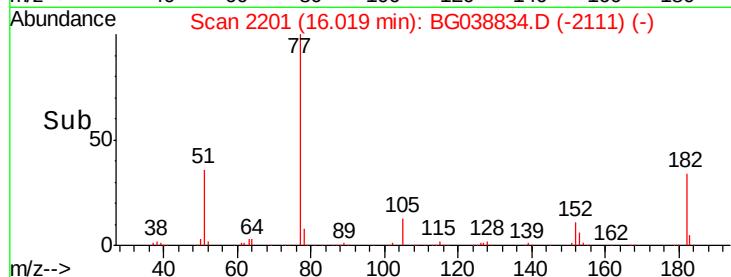
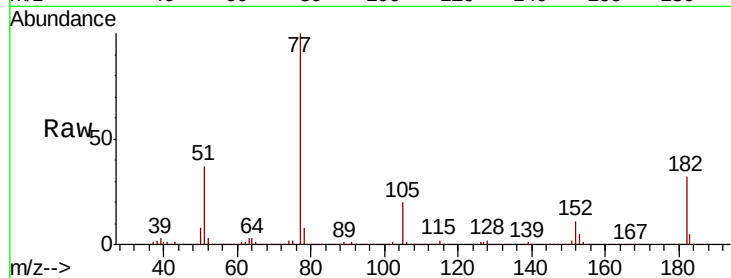




#63
Azobenzene
Concen: 42.398 ng
RT: 16.02 min Scan# 2201
Delta R.T. -0.00 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

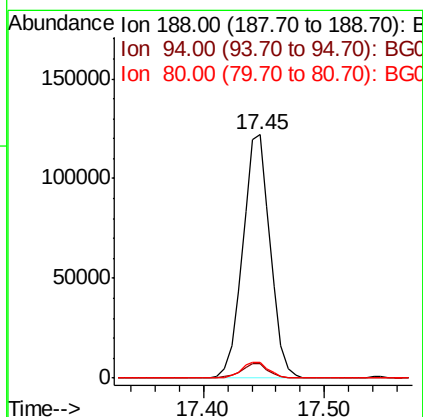
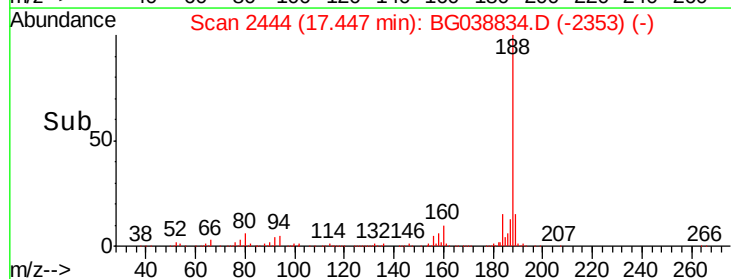
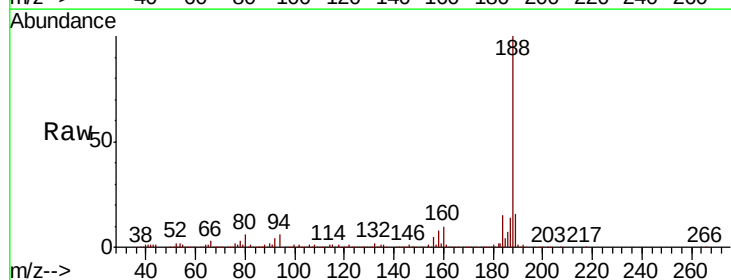
Instrument :
BNA_G
ClientSampleId :
R20-OSMS

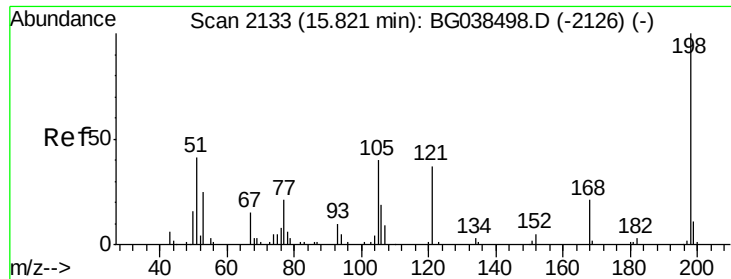
Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	32.2	8.7	48.7	
105	20.2	0.0	38.7	
51	37.5	16.6	56.6	



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.45 min Scan# 2444
Delta R.T. 0.00 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.8	5.1	7.7	
80	6.3	6.1	9.1	





#65

4,6-Dinitro-2-methylphenol

Concen: 48.522 ng

RT: 15.82 min Scan# 2168

Delta R.T. 0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

Instrument :

BNA_G

ClientSampleId :

R20-OSMS

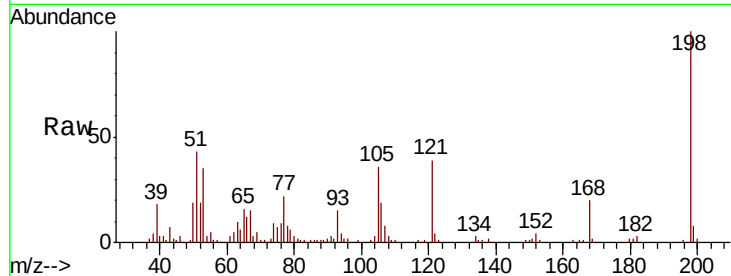
Tot Ion:198 Resp: 66680

Ion Ratio Lower Upper

198 100

51 42.6 28.6 68.6

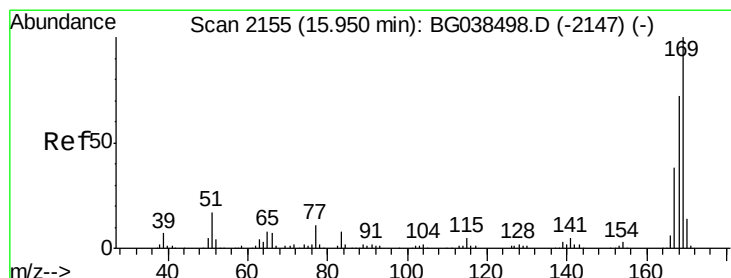
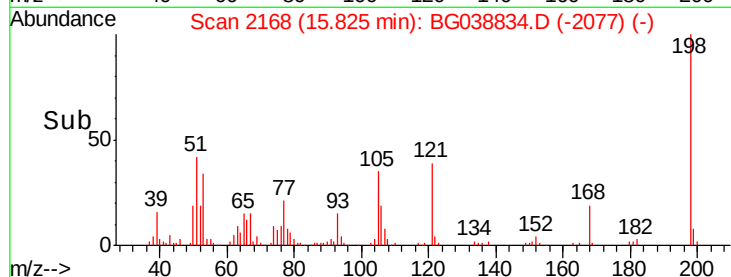
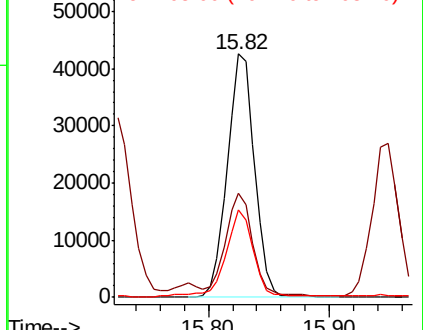
105 36.1 20.4 60.4



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: 47.107 ng

RT: 15.95 min Scan# 2189

Delta R.T. -0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

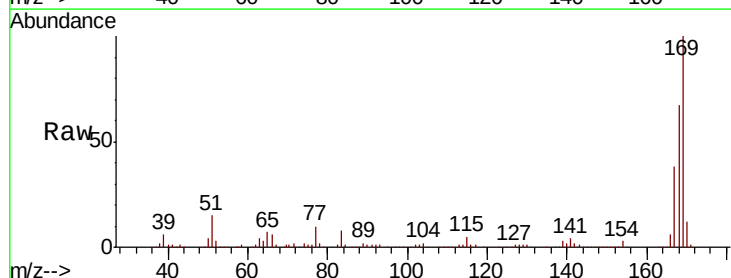
Tgt Ion:169 Resp: 266641

Ion Ratio Lower Upper

169 100

168 67.4 57.5 86.3

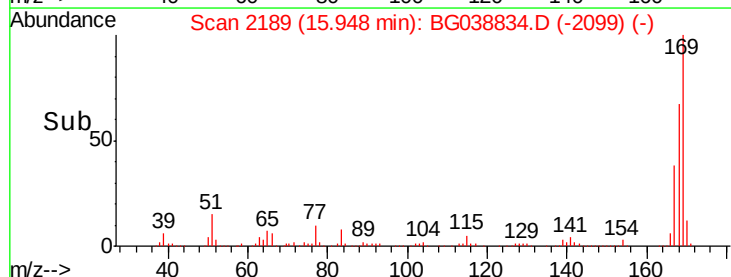
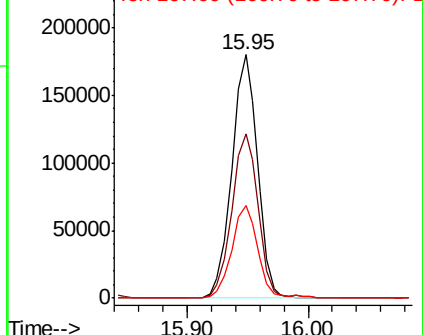
167 38.0 30.2 45.2

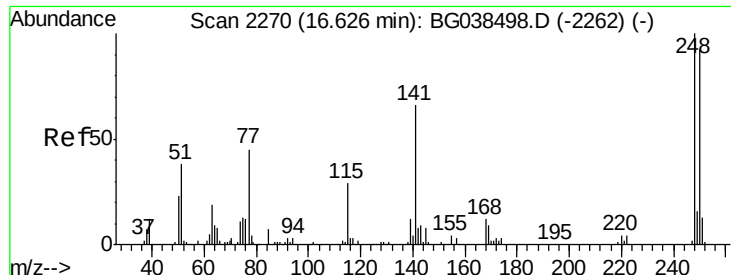


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 47.469 ng

RT: 16.62 min Scan# 2304

Delta R.T. -0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

Instrument :

BNA_G

ClientSampleId :

R20-OSMS

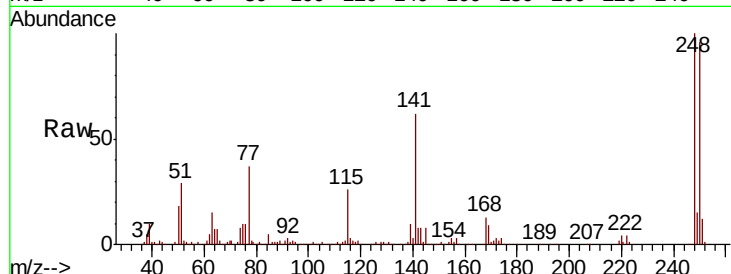
Tot Ion:248 Resp: 111682

Ion Ratio Lower Upper

248 100

250 95.8 73.4 110.2

141 61.6 52.9 79.3

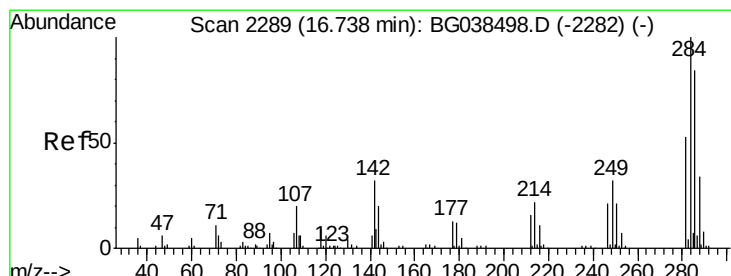
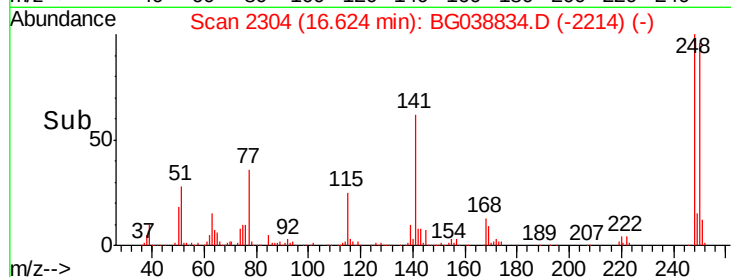
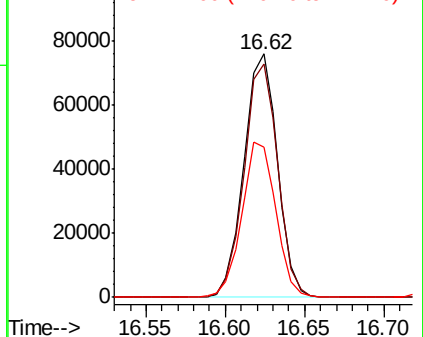


Abundance

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: 47.956 ng

RT: 16.74 min Scan# 2323

Delta R.T. -0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

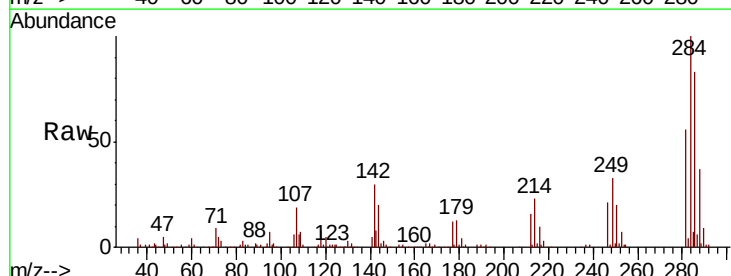
Tgt Ion:284 Resp: 116958

Ion Ratio Lower Upper

284 100

142 29.9 25.8 38.6

249 35.1 27.0 40.4

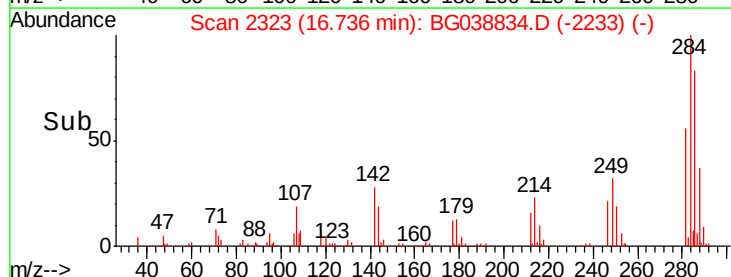
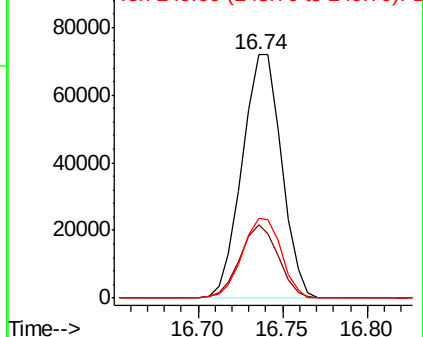


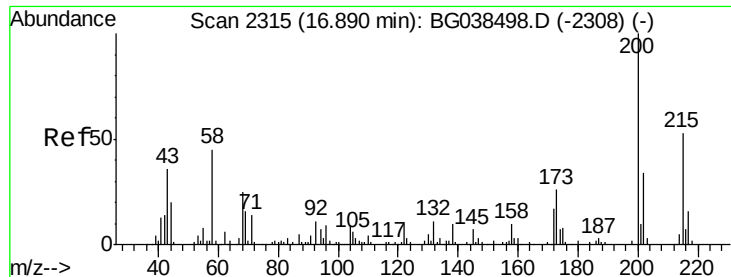
Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E

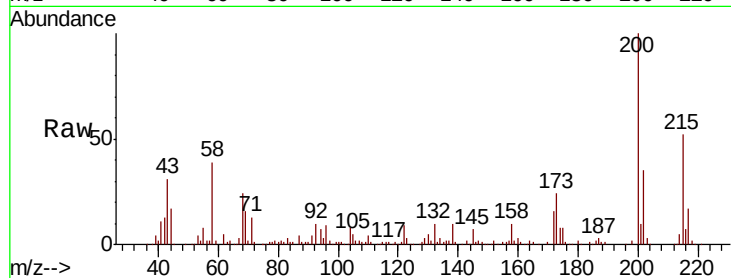




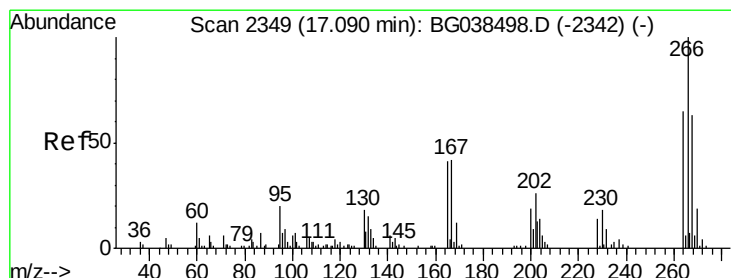
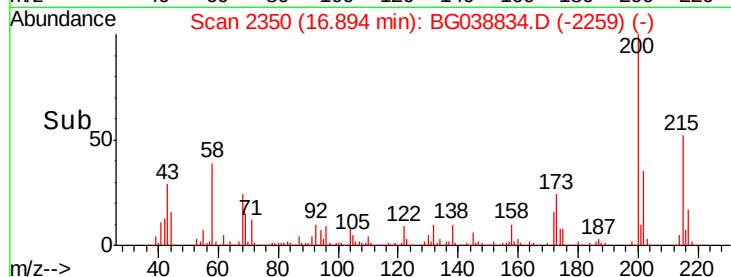
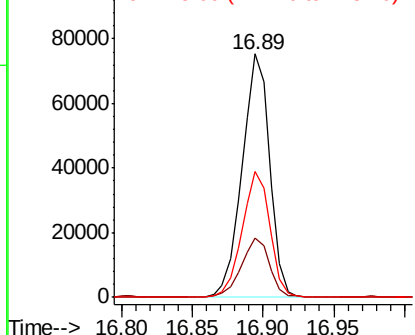
#69
Atrazine
Concen: 48.971 ng
RT: 16.89 min Scan# 2350
Delta R.T. 0.00 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Instrument :
BNA_G
ClientSampleId :
R20-OSMS

Tot Ion:200 Resp: 102868
Ion Ratio Lower Upper
200 100
173 24.3 5.9 45.9
215 51.5 33.1 73.1

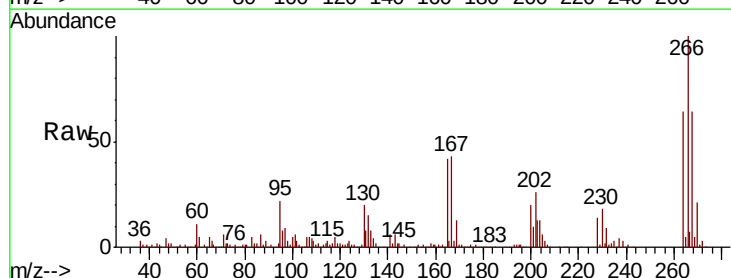


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

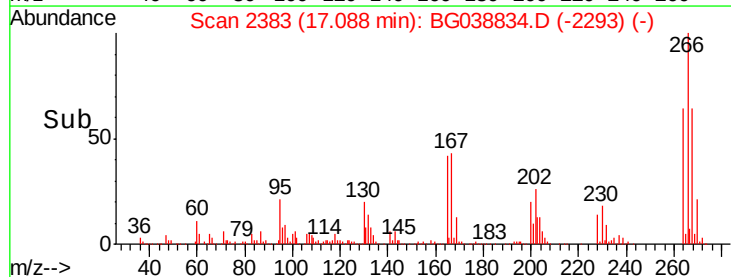
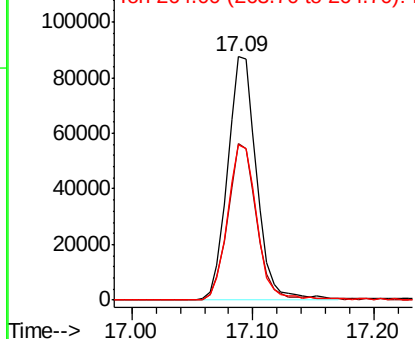


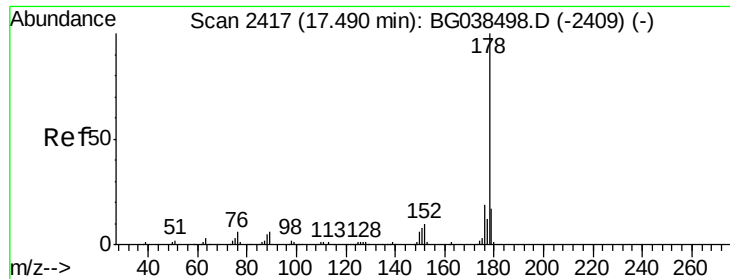
#70
Pentachlorophenol
Concen: 101.419 ng
RT: 17.09 min Scan# 2383
Delta R.T. -0.00 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Tgt Ion:266 Resp: 146302
Ion Ratio Lower Upper
266 100
268 69.2 55.0 82.6
264 68.6 56.7 85.1



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

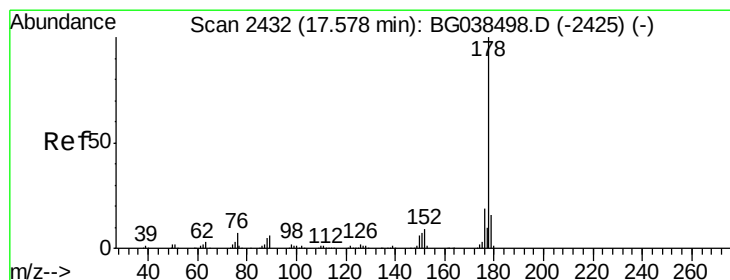
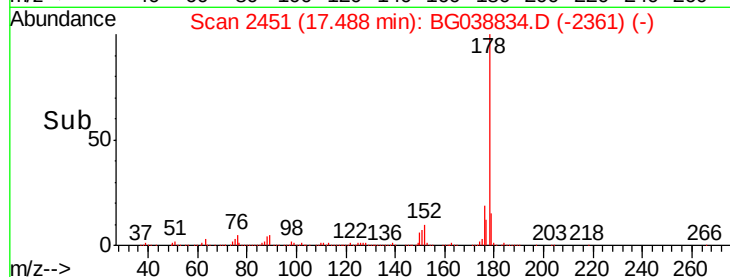
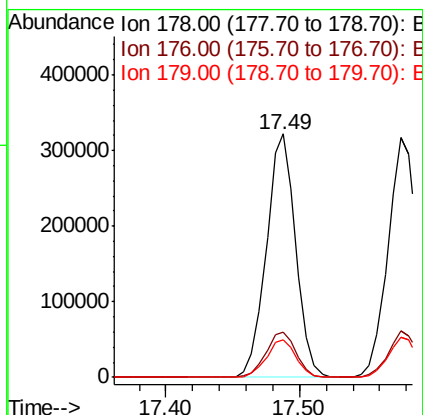
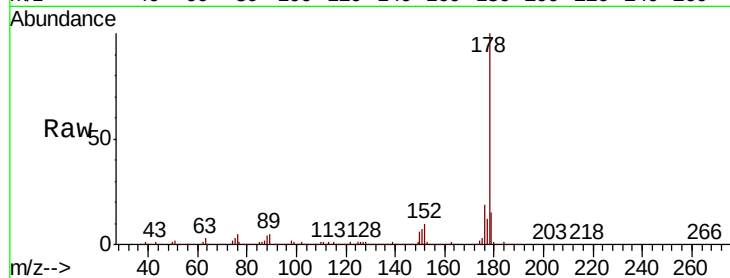




#71
 Phenanthrene
 Concen: 48.858 ng
 RT: 17.49 min Scan# 2451
 Delta R.T. -0.00 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

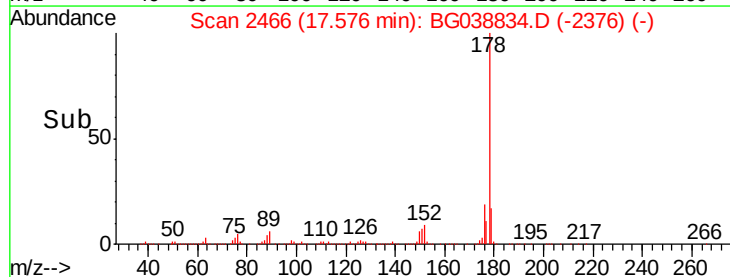
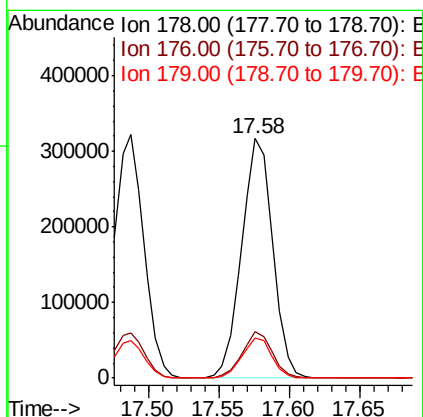
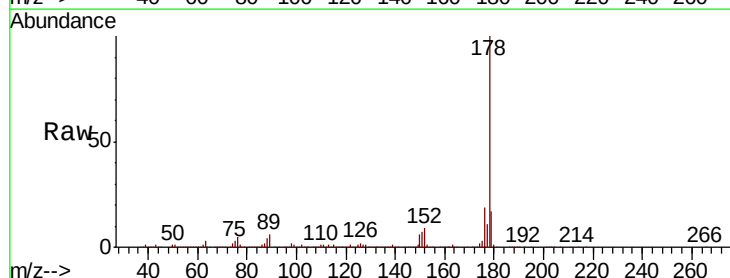
Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMS

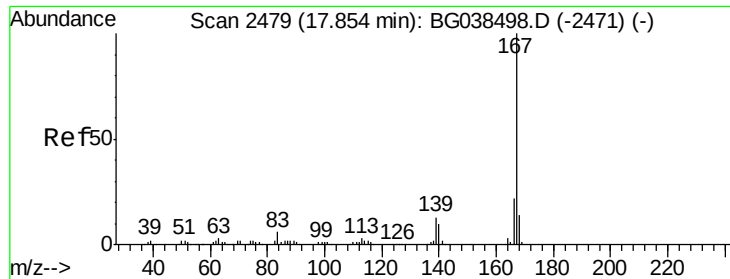
Tot Ion:178 Resp: 488077
 Ion Ratio Lower Upper
 178 100
 176 18.8 15.1 22.7
 179 15.5 13.2 19.8



#72
 Anthracene
 Concen: 49.409 ng
 RT: 17.58 min Scan# 2466
 Delta R.T. -0.00 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

Tgt Ion:178 Resp: 487275
 Ion Ratio Lower Upper
 178 100
 176 19.4 15.1 22.7
 179 17.0 12.9 19.3

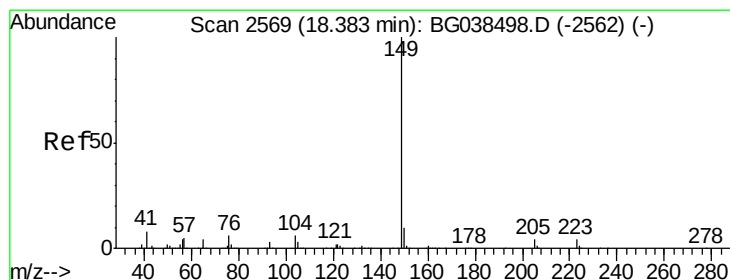
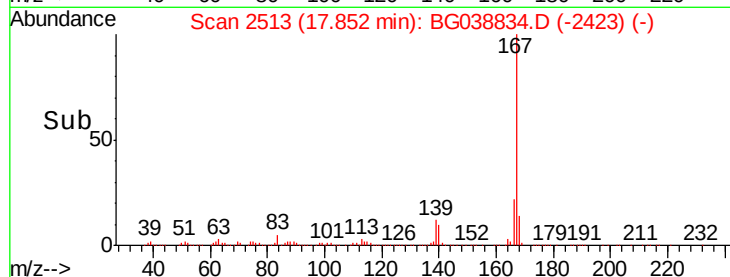
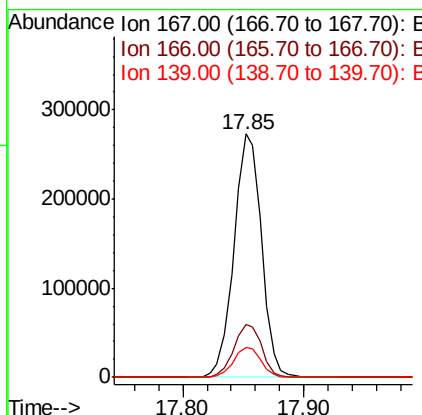
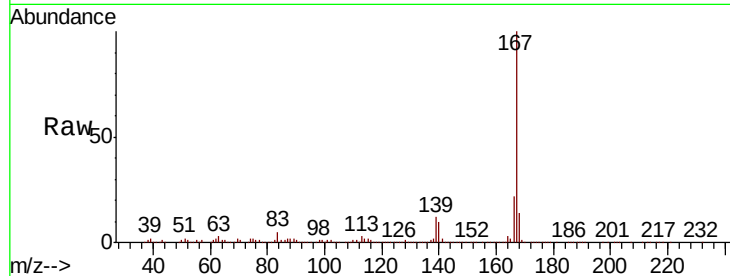




#73
 Carbazole
 Concen: 44.385 ng
 RT: 17.85 min Scan# 2513
 Delta R.T. -0.00 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

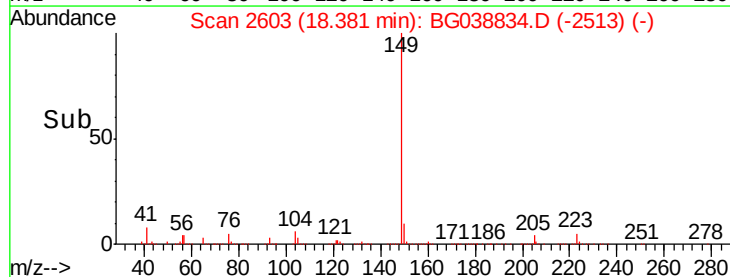
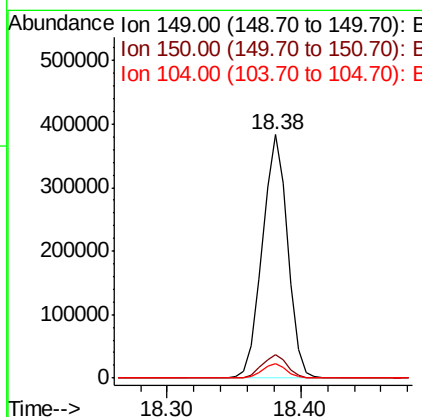
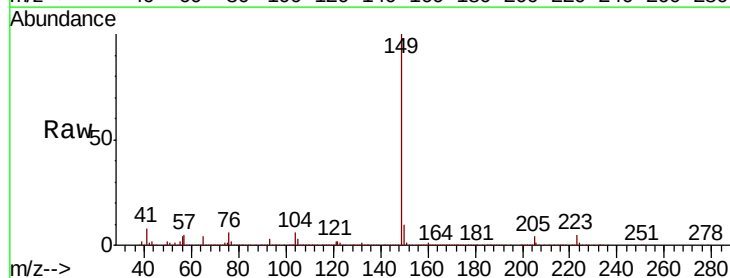
Instrument :
 BNA_G
 ClientSampleId :
 R20-OSMS

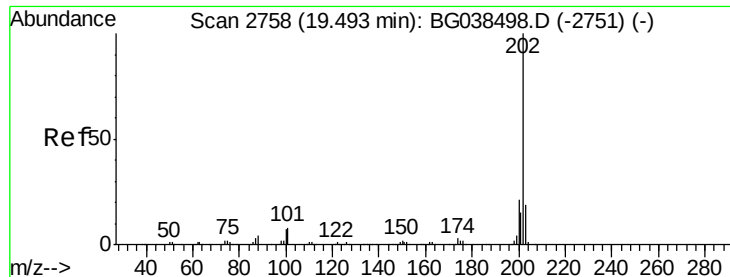
Tot Ion	Ratio	Lower	Upper
167	100		
166	21.9	17.9	26.9
139	12.4	10.2	15.2



#74
 Di-n-butylphthalate
 Concen: 44.467 ng
 RT: 18.38 min Scan# 2603
 Delta R.T. -0.00 min
 Lab File: BG038834.D
 Acq: 26 Dec 2018 17:32

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.8	7.6	11.4
104	5.9	5.0	7.4





#75

Fluoranthene

Concen: 46.969 ng

RT: 19.50 min Scan# 2793

Delta R.T. 0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

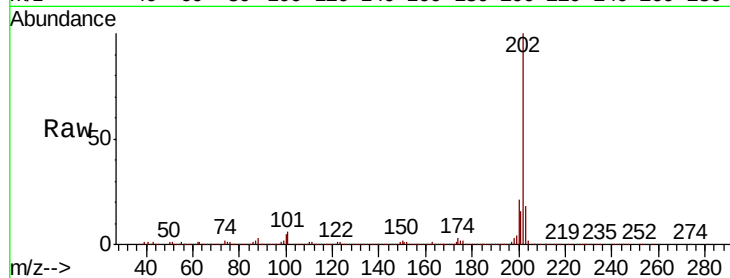
Instrument :

BNA_G

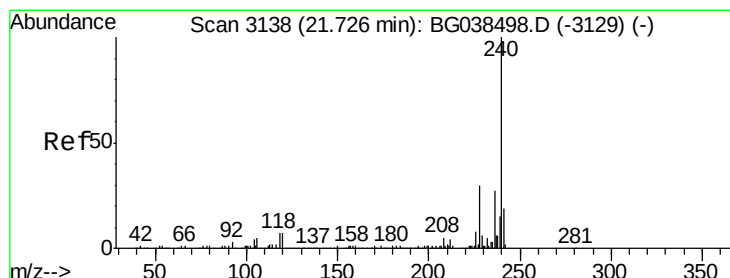
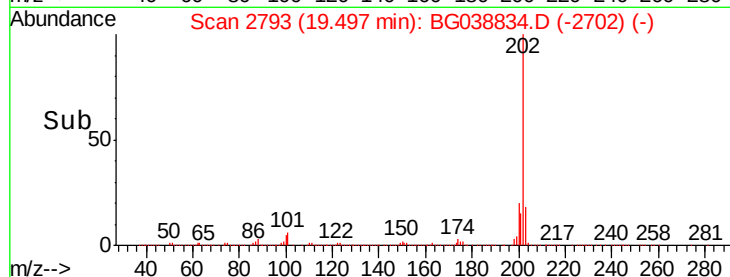
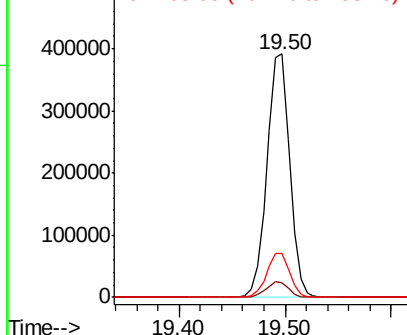
ClientSampleId :

R20-OSMS

Tot Ion:	202	Resp:	580547
Ion	Ratio	Lower	Upper
202	100		
101	6.2	0.0	28.1
203	18.2	0.0	39.0



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

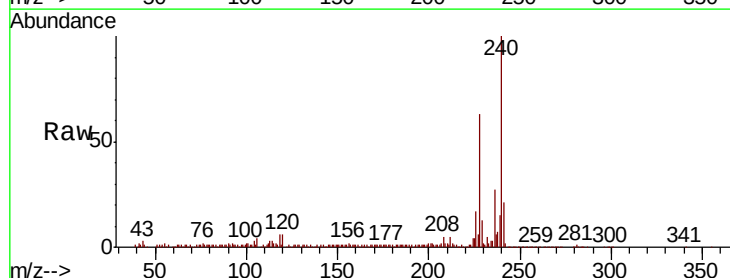
RT: 21.72 min Scan# 3172

Delta R.T. -0.00 min

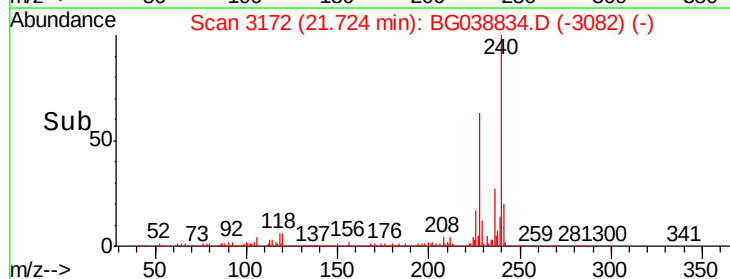
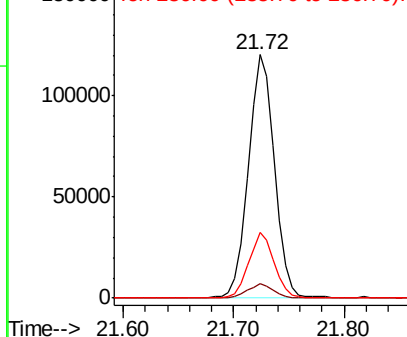
Lab File: BG038834.D

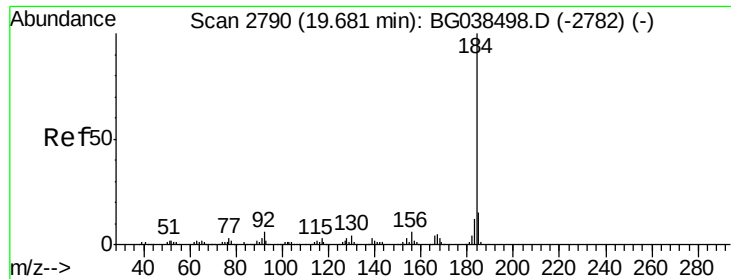
Acq: 26 Dec 2018 17:32

Tgt Ion:	240	Resp:	197072
Ion	Ratio	Lower	Upper
240	100		
120	6.1	5.3	7.9
236	26.7	21.4	32.2



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: 3.127 ng

RT: 20.04 min Scan# 2886

Delta R.T. 0.36 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

Instrument :

BNA_G

ClientSampleId :

R20-OSMS

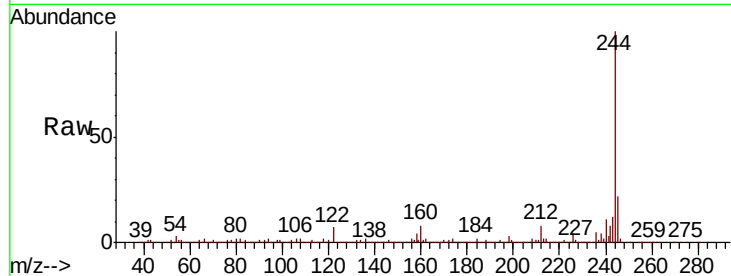
Tot Ion:184 Resp: 18222

Ion Ratio Lower Upper

184 100

185 22.1 12.2 18.2#

183 13.6 9.6 14.4

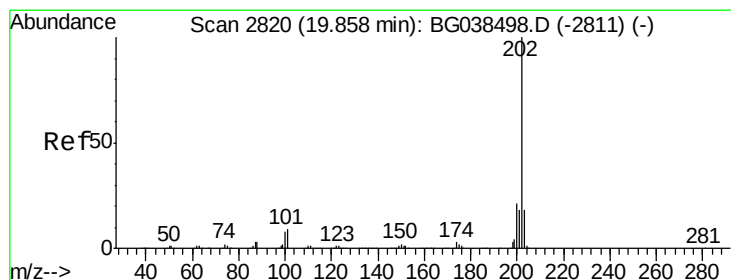
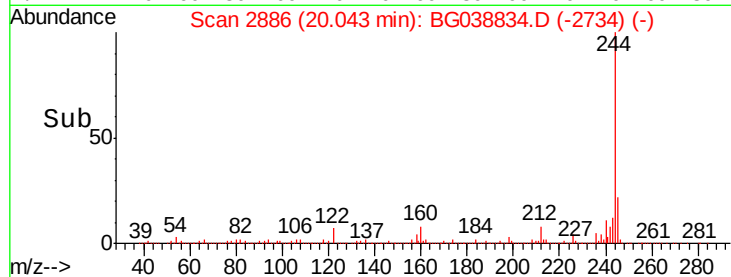
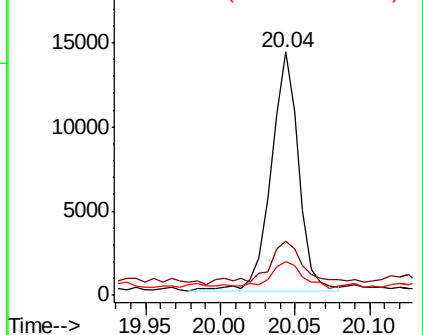


Abundance

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: 45.081 ng

RT: 19.86 min Scan# 2854

Delta R.T. -0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

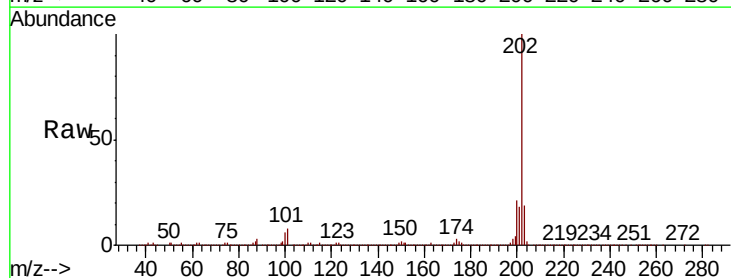
Tgt Ion:202 Resp: 586912

Ion Ratio Lower Upper

202 100

200 21.2 16.6 25.0

203 19.0 14.6 21.8

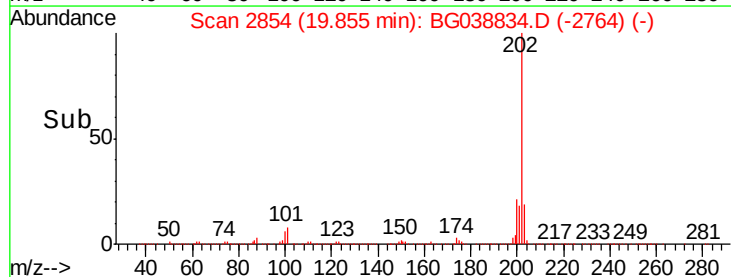
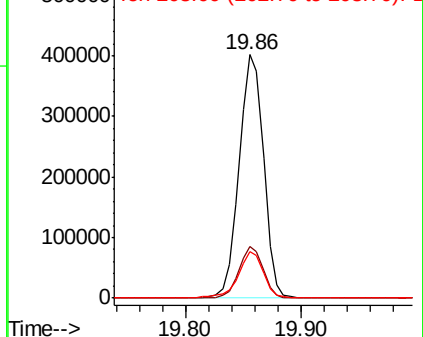


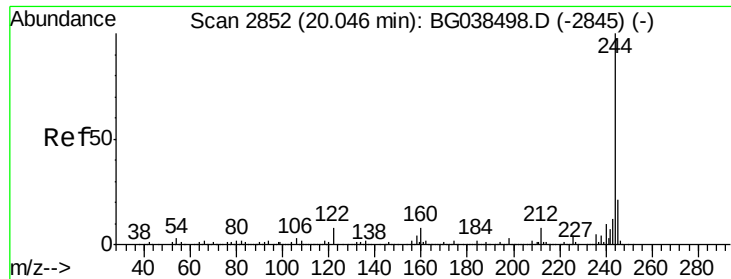
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





#79

Terphenyl-d14

Concen: 106.604 ng

RT: 20.04 min Scan# 2886

Delta R.T. -0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

Instrument :

BNA_G

ClientSampleId :

R20-OSMS

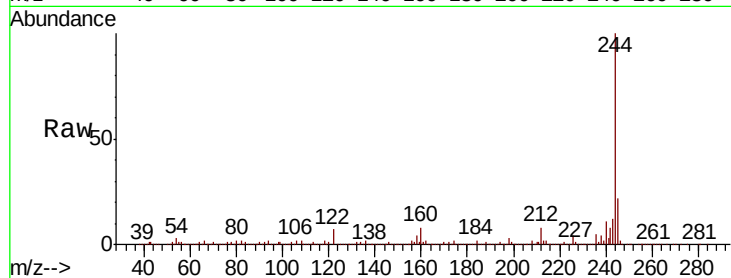
Tot Ion:244 Resp: 965325

Ion Ratio Lower Upper

244 100

212 8.0 6.2 9.2

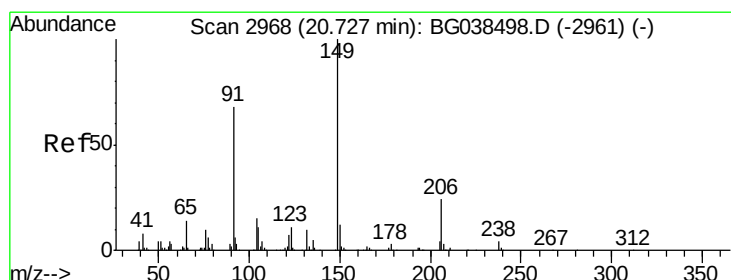
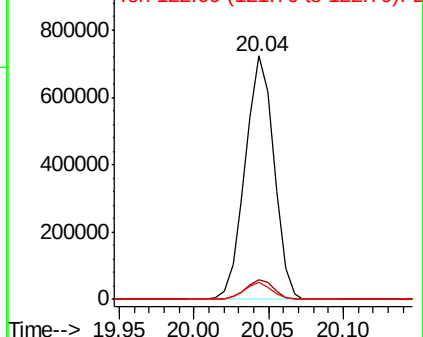
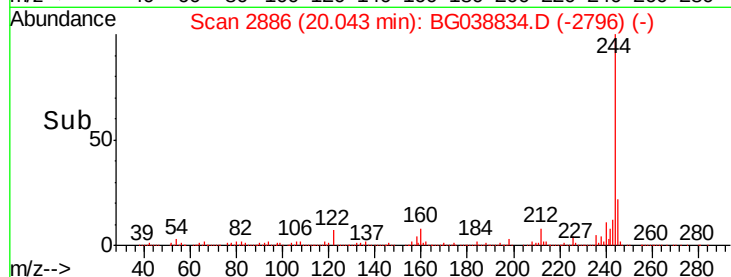
122 6.8 6.3 9.5



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: 42.567 ng

RT: 20.73 min Scan# 3002

Delta R.T. -0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

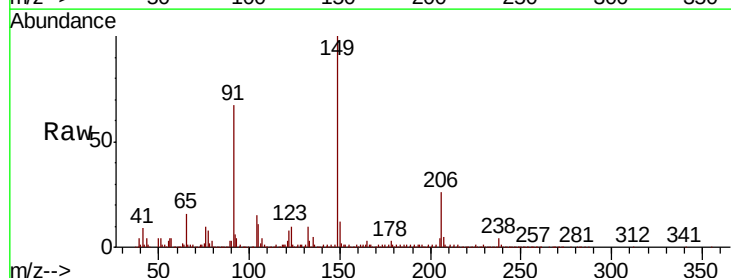
Tgt Ion:149 Resp: 216515

Ion Ratio Lower Upper

149 100

91 67.5 54.5 81.7

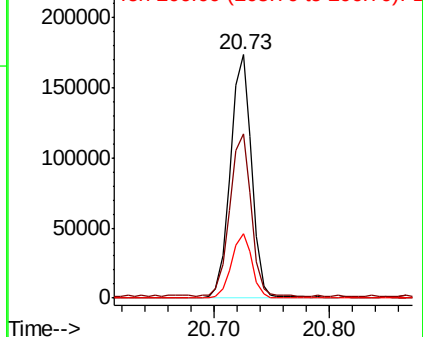
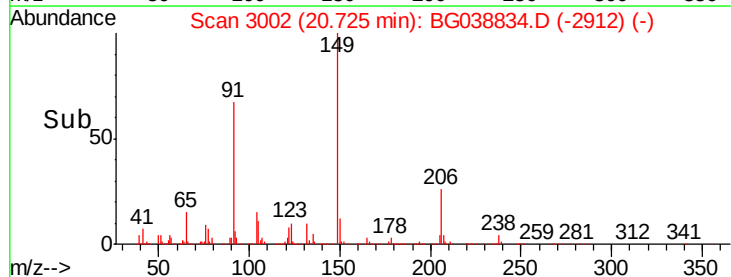
206 26.3 19.0 28.6

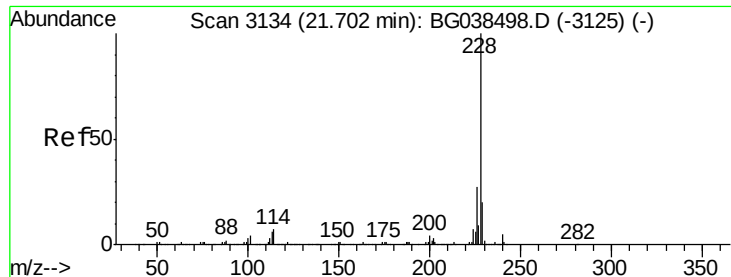


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 91.00 (90.70 to 91.70): BG

Ion 206.00 (205.70 to 206.70): E

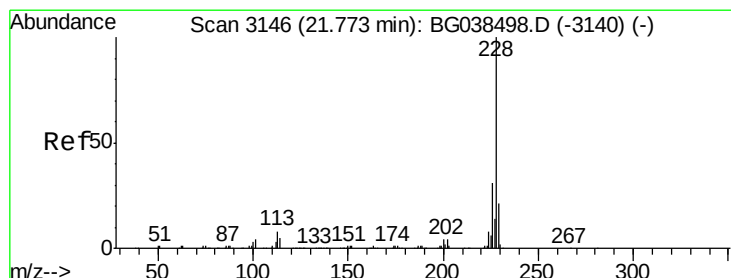
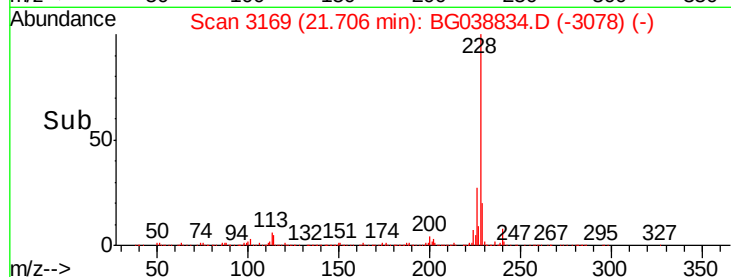
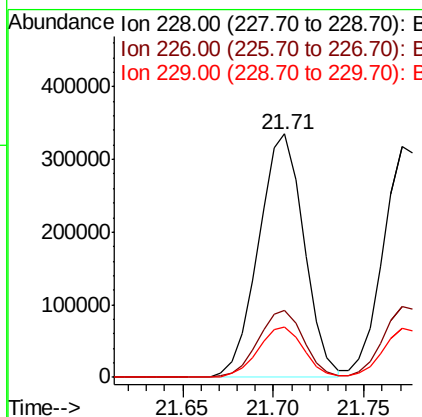
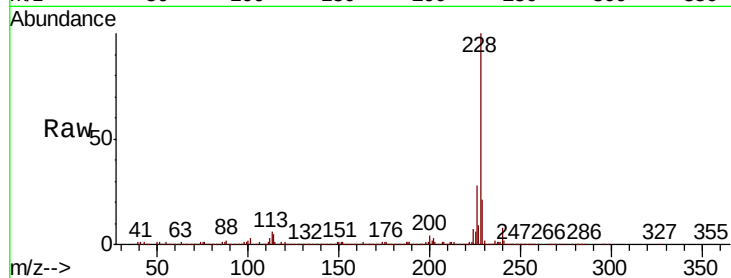




#81
Benzo(a)anthracene
Concen: 48.434 ng
RT: 21.71 min Scan# 3169
Delta R.T. 0.00 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

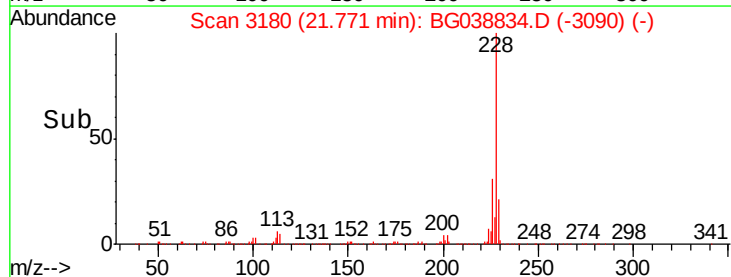
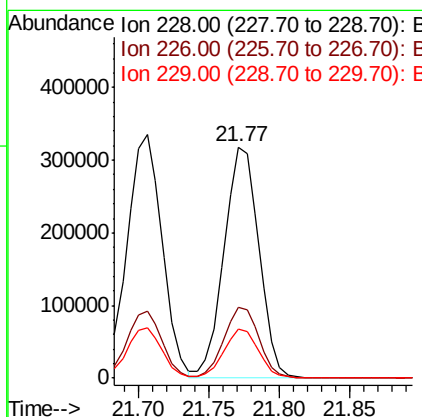
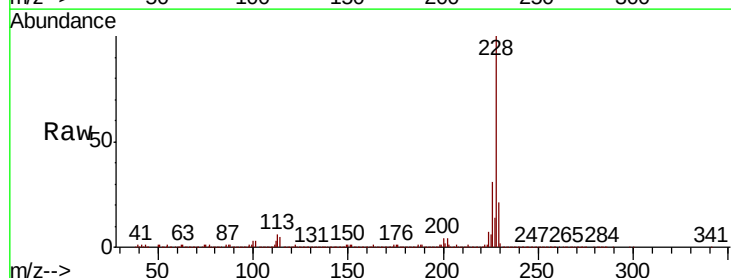
Instrument :
BNA_G
ClientSampleId :
R20-OSMS

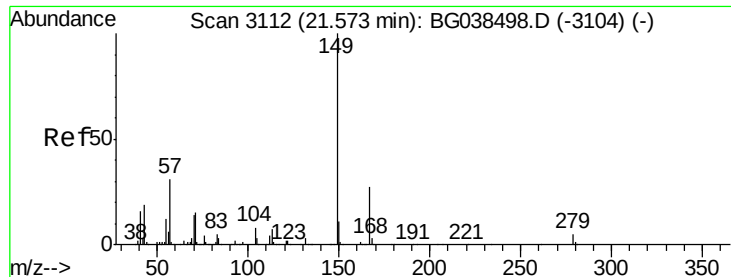
Tot Ion:228 Resp: 581625
Ion Ratio Lower Upper
228 100
226 27.6 21.8 32.8
229 20.6 15.8 23.6



#83
Chrysene
Concen: 47.156 ng
RT: 21.77 min Scan# 3180
Delta R.T. -0.00 min
Lab File: BG038834.D
Acq: 26 Dec 2018 17:32

Tgt Ion:228 Resp: 545439
Ion Ratio Lower Upper
228 100
226 30.6 25.0 37.4
229 21.2 16.5 24.7





#84

Bis(2-ethylhexyl)phthalate

Concen: 42.218 ng

RT: 21.57 min Scan# 3145

Delta R.T. -0.01 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

Instrument :

BNA_G

ClientSampleId :

R20-OSMS

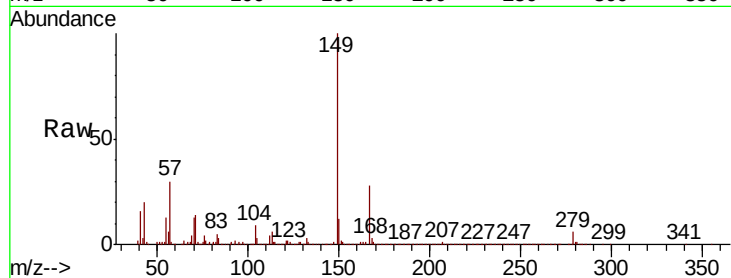
Tot Ion:149 Resp: 304555

Ion Ratio Lower Upper

149 100

167 27.8 21.9 32.9

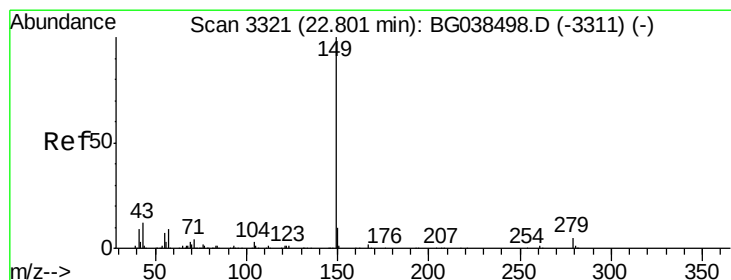
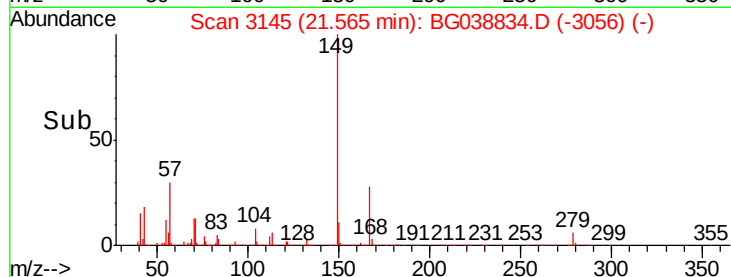
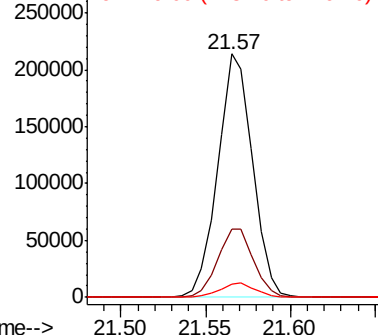
279 5.6 4.2 6.2



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: 43.789 ng

RT: 22.79 min Scan# 3354

Delta R.T. -0.01 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

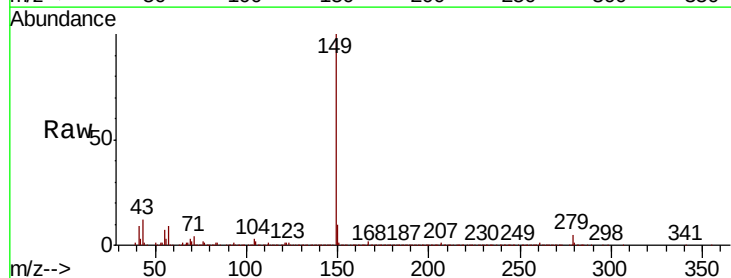
Tgt Ion:149 Resp: 529035

Ion Ratio Lower Upper

149 100

167 1.8 1.2 1.8

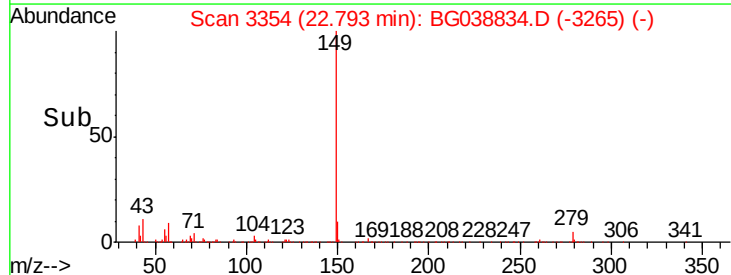
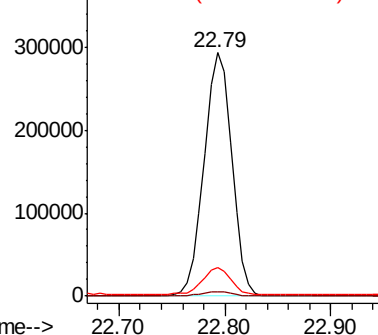
43 11.1 9.3 13.9

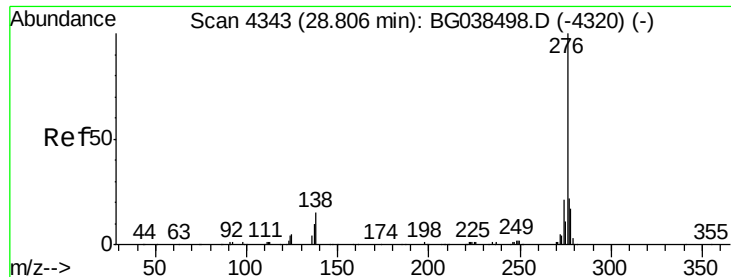


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 167.00 (166.70 to 167.70): E

Ion 43.00 (42.70 to 43.70): BGC





#86

Indeno(1,2,3-cd)pyrene

Concen: 51.967 ng

RT: 28.82 min Scan# 4380

Delta R.T. 0.02 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

Instrument :

BNA_G

ClientSampleId :

R20-OSMS

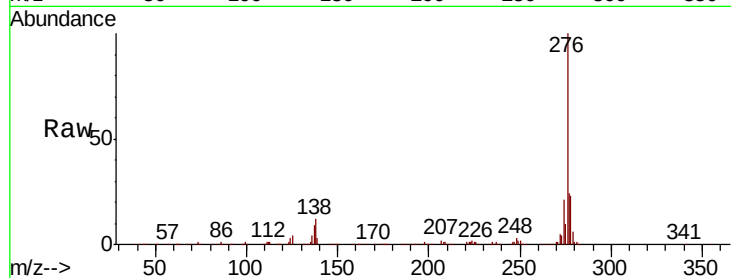
Tot Ion:276 Resp: 706671

Ion Ratio Lower Upper

276 100

138 6.9 14.4 21.6#

277 25.8 0.0 0.0#

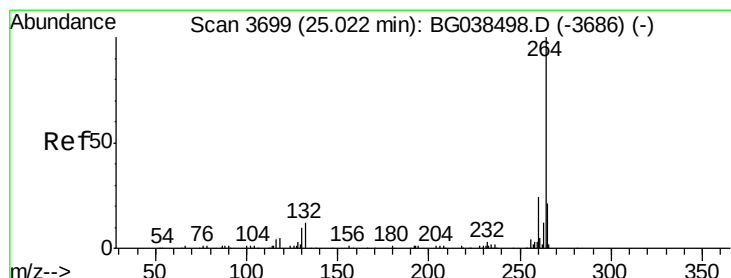
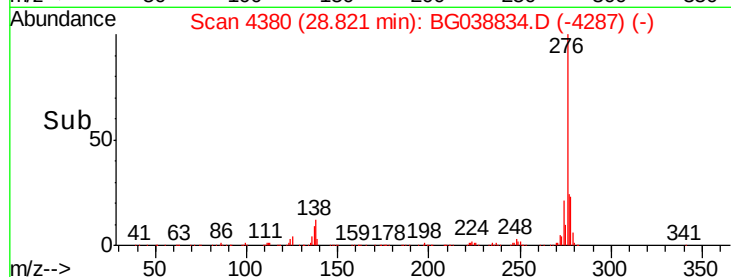
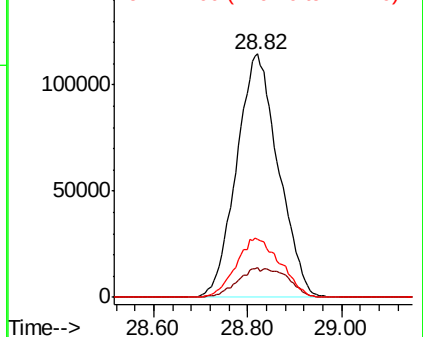


Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 138.00 (137.70 to 138.70): E

Ion 277.00 (276.70 to 277.70): E



#87

Perylene-d12

Concen: 20.000 ng

RT: 25.02 min Scan# 3733

Delta R.T. -0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

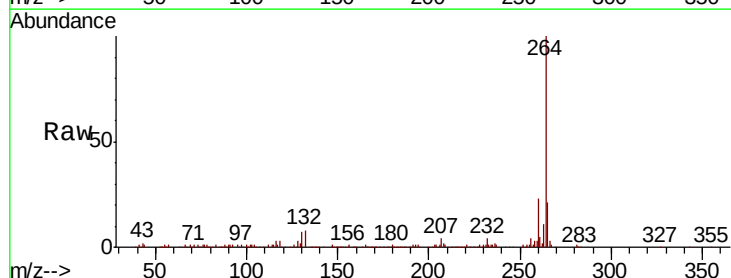
Tgt Ion:264 Resp: 208895

Ion Ratio Lower Upper

264 100

260 23.1 18.9 28.3

265 21.1 17.0 25.4

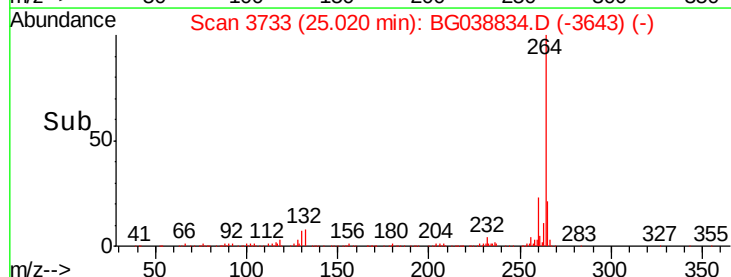
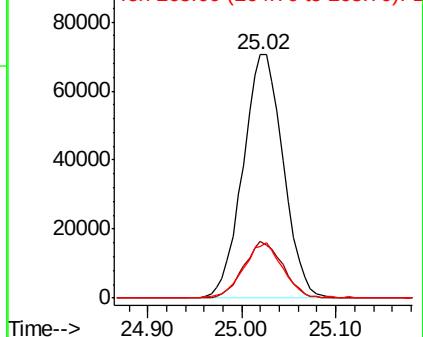


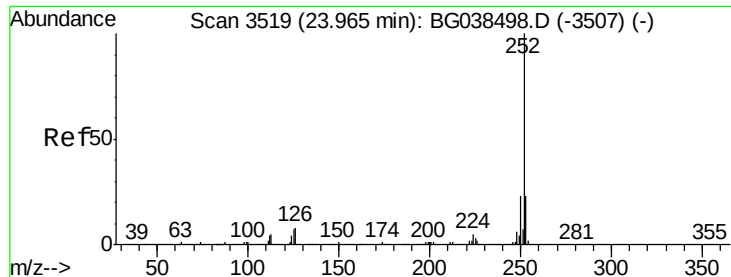
Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E





#88

Benzo(b)fluoranthene

Concen: 51.539 ng

RT: 23.97 min Scan# 3554

Delta R.T. 0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

Instrument :

BNA_G

ClientSampleId :

R20-OSMS

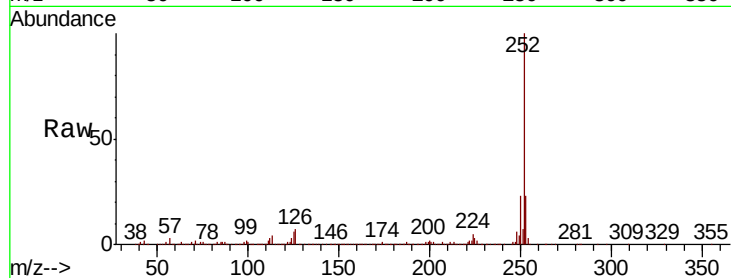
Tot Ion:252 Resp: 591108

Ion Ratio Lower Upper

252 100

253 22.7 18.1 27.1

125 6.1 5.5 8.3

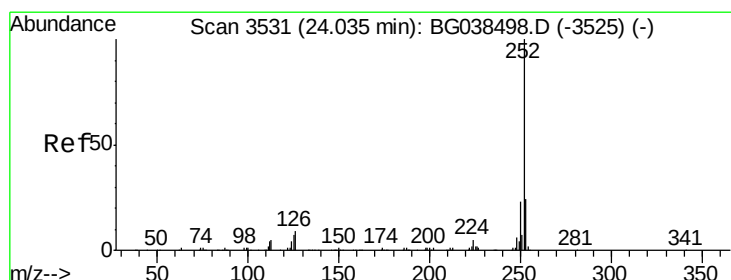
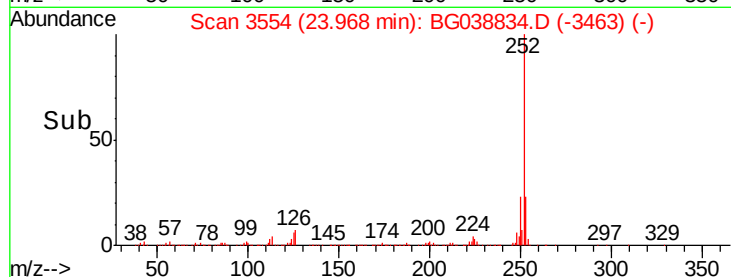
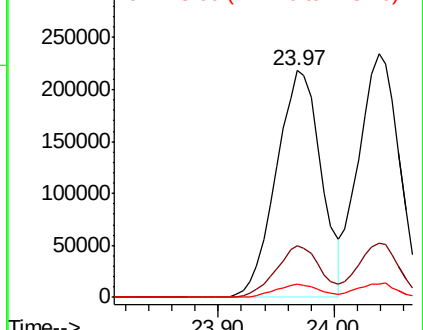


Abundance

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: 50.412 ng

RT: 24.04 min Scan# 3566

Delta R.T. 0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

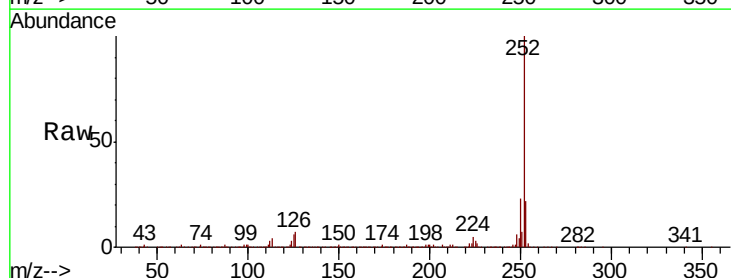
Tgt Ion:252 Resp: 575752

Ion Ratio Lower Upper

252 100

253 22.4 18.9 28.3

125 5.6 5.4 8.2

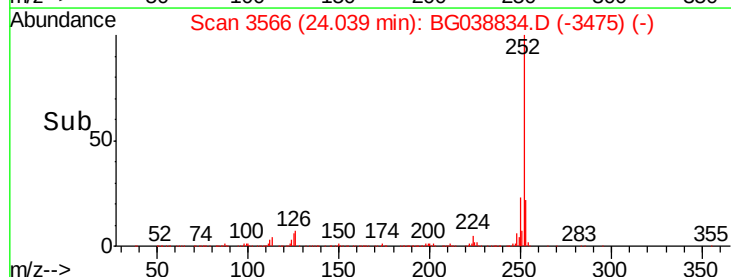
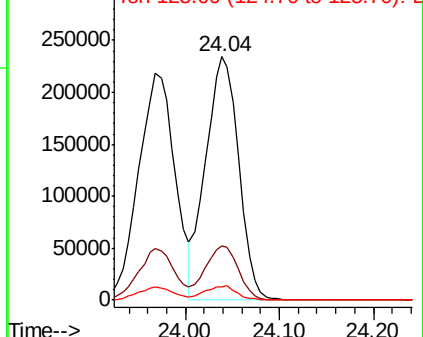


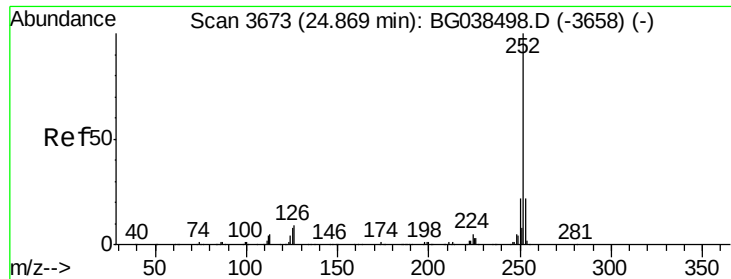
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#90

Benzo(a)pyrene

Concen: 51.510 ng

RT: 24.87 min Scan# 3707

Delta R.T. -0.00 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

Instrument :

BNA_G

ClientSampleId :

R20-OSMS

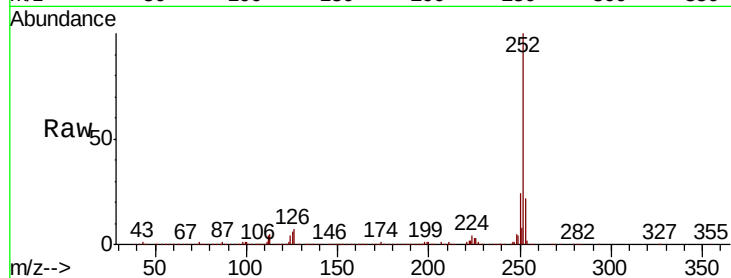
Tot Ion:252 Resp: 569948

Ion Ratio Lower Upper

252 100

253 21.7 17.4 26.0

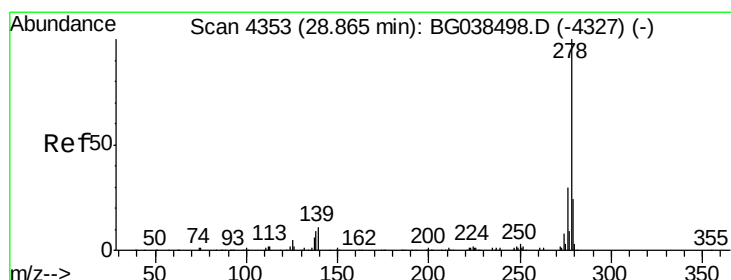
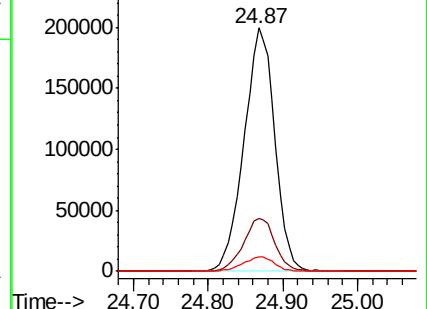
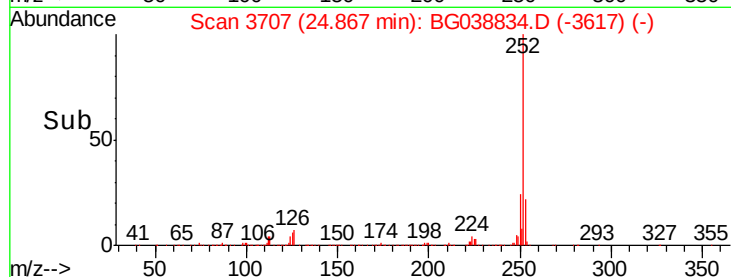
125 5.8 6.4 9.6#



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: 53.582 ng

RT: 28.87 min Scan# 4389

Delta R.T. 0.01 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

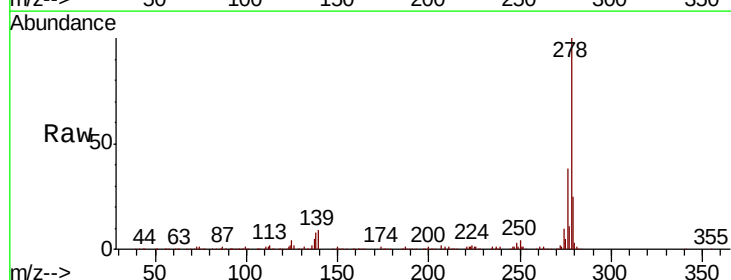
Tgt Ion:278 Resp: 590314

Ion Ratio Lower Upper

278 100

139 8.7 8.6 12.8

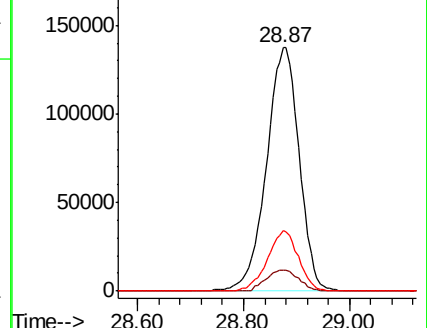
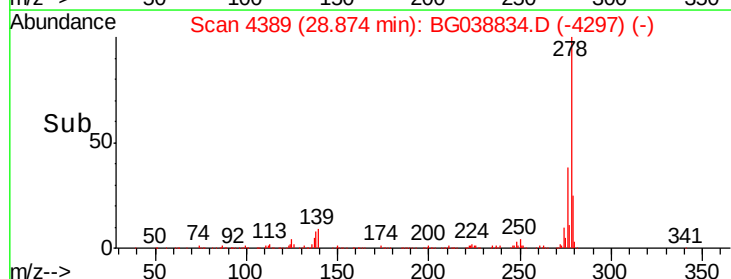
279 25.1 19.0 28.6

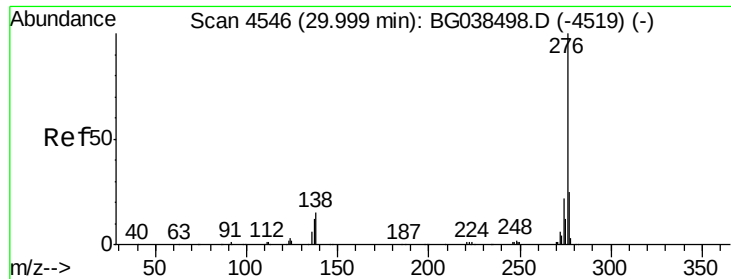


Abundance Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E





#92

Benzo(a,h,i)perylene

Concen: 54.262 ng

RT: 30.01 min Scan# 4583

Delta R.T. 0.02 min

Lab File: BG038834.D

Acq: 26 Dec 2018 17:32

Instrument :

BNA_G

ClientSampleId :

R20-OSMS

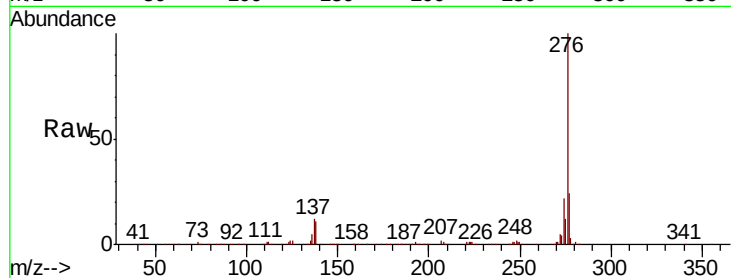
Tot Ion:276 Resp: 589138

Ion Ratio Lower Upper

276 100

277 23.7 19.8 29.8

138 11.3 11.8 17.6#



Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

