

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011720\
 Data File : BG044077.D
 Acq On : 17 Jan 2020 16:41
 Operator : JU
 Sample : PB126138BSD
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126138BSD

Manual Integrations
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mohammad
 1/21/2020 7:59:09 AM

Quant Time: Jan 18 03:26:27 2020
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG123019.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Tue Dec 31 13:32:23 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	7.93	152	75630	20.00	ng	-0.03
21) Naphthalene-d8	10.73	136	322352	20.00	ng	-0.03
39) Acenaphthene-d10	14.57	164	220775	20.00	ng	-0.03
64) Phenanthrene-d10	17.31	188	493507	20.00	ng	-0.02
76) Chrysene-d12	21.56	240	409935	20.00	ng	-0.03
87) Perylene-d12	24.67	264	469815	20.00	ng	-0.05

System Monitoring Compounds						
5) 2-Fluorophenol	5.51	112	624029	151.50	ng	-0.03
7) Phenol-d6	7.11	99	831901	144.49	ng	-0.02
23) Nitrobenzene-d5	9.09	82	428434	71.10	ng	-0.03
42) 2,4,6-Tribromophenol	16.06	330	334411	144.74	ng	-0.03
45) 2-Fluorobiphenyl	13.20	172	978241	80.28	ng	-0.03
79) Terphenyl-d14	19.93	244	1459428	86.14	ng	-0.03

Target Compounds					Qvalue	
2) 1,4-Dioxane	3.40	88	109175	60.789	ng	98
3) Pyridine	3.79	79	191779	36.147	ng	94
4) n-Nitrosodimethylamine	3.70	42	94446	39.983	ng	99
6) Aniline	7.26	93	242969	32.128	ng	97
8) 2-Chlorophenol	7.50	128	238242	49.268	ng	96
9) Benzaldehyde	7.06	77	118659	32.200	ng	99
10) Phenol	7.13	94	296420	49.968	ng	100
11) bis(2-Chloroethyl)ether	7.35	93	216150	42.211	ng	99
12) 1,3-Dichlorobenzene	7.82	146	238118	42.080	ng	99
13) 1,4-Dichlorobenzene	7.97	146	240669	43.105	ng	100
14) 1,2-Dichlorobenzene	8.29	146	228559	42.649	ng	99
15) Benzyl Alcohol	8.17	79	202177	44.493	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.47	45	294997	37.237	ng	98
17) 2-Methylphenol	8.38	107	209845	48.882	ng	97
18) Hexachloroethane	9.02	117	89080	41.003	ng	96
19) n-Nitroso-di-n-propylamine	8.74	70	172294	40.182	ng	# 97
20) 3+4-Methylphenols	8.71	107	288227	48.129	ng	96
22) Acetophenone	8.75	105	323207	40.331	ng	# 98
24) Nitrobenzene	9.13	77	244141	40.908	ng	99
25) Isophorone	9.66	82	475447	42.057	ng	99
26) 2-Nitrophenol	9.84	139	137861	48.825	ng	98
27) 2,4-Dimethylphenol	9.91	122	236904	55.738	ng	98
28) bis(2-Chloroethoxy)methane	10.14	93	304441	40.394	ng	99
29) 2,4-Dichlorophenol	10.39	162	241679	47.669	ng	98
30) 1,2,4-Trichlorobenzene	10.60	180	230807	40.602	ng	98
31) Naphthalene	10.79	128	697910	44.740	ng	99
32) Benzoic acid	10.06	122	129388	38.767	ng	96
33) 4-Chloroaniline	10.89	127	174436	23.445	ng	96
34) Hexachlorobutadiene	11.08	225	133877	38.573	ng	98
35) Caprolactam	11.66	113	91613m	48.540	ng	
36) 4-Chloro-3-methylphenol	12.03	107	262654	48.665	ng	98
37) 2-Methylnaphthalene	12.40	142	526075	44.795	ng	96
38) 1-Methylnaphthalene	12.61	142	499541	44.880	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	248425	38.391	ng	98

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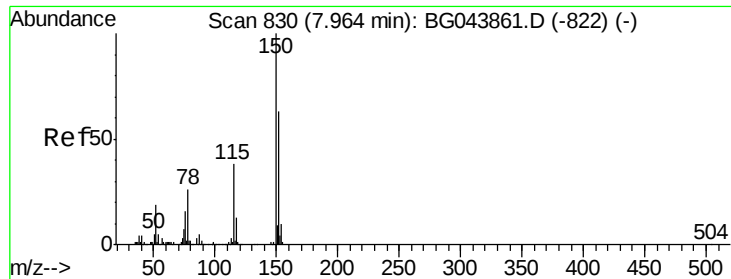
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.75	237	333795	99.498	nq	99
43) 2,4,6-Trichlorophenol	13.00	196	197564	44.371	nq	98
44) 2,4,5-Trichlorophenol	13.08	196	213241	46.435	nq	99
46) 1,1'-Biphenyl	13.40	154	665841	42.064	nq	98
47) 2-Chloronaphthalene	13.44	162	519777	40.636	nq	98
48) 2-Nitroaniline	13.64	65	165554	40.237	nq	97
49) Acenaphthylene	14.29	152	841692	45.783	nq	96
50) Dimethylphthalate	14.02	163	684159	43.644	nq	98
51) 2,6-Dinitrotoluene	14.14	165	158841	44.831	nq	96
52) Acenaphthene	14.64	154	519122	40.264	nq	99
53) 3-Nitroaniline	14.47	138	119379	29.670	nq	99
54) 2,4-Dinitrophenol	14.68	184	192014	104.568	nq	96
55) Dibenzofuran	14.97	168	811306	45.711	nq	98
56) 4-Nitrophenol	14.79	139	302052	97.966	nq	94
57) 2,4-Dinitrotoluene	14.93	165	225856	46.847	nq	97
58) Fluorene	15.62	166	644348	45.804	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.20	232	188911	47.840	nq	97
60) Diethylphthalate	15.39	149	711175	45.359	nq	98
61) 4-Chlorophenyl-phenylether	15.61	204	332565	43.537	nq	98
62) 4-Nitroaniline	15.63	138	165831	41.736	nq	91
63) Azobenzene	15.90	77	645192	44.372	nq	98
65) 4,6-Dinitro-2-methylphenol	15.69	198	135077	52.655	nq	97
66) n-Nitrosodiphenylamine	15.82	169	624886	42.997	nq	97
67) 4-Bromophenyl-phenylether	16.50	248	221075	39.830	nq	100
68) Hexachlorobenzene	16.63	284	234964	39.287	nq	97
69) Atrazine	16.77	200	229714	48.627	nq	100
70) Pentachlorophenol	16.97	266	267449	81.121	nq	99
71) Phenanthrene	17.36	178	1049477	44.336	nq	98
72) Anthracene	17.44	178	1079366	46.139	nq	97
73) Carbazole	17.71	167	954229	44.158	nq	97
74) Di-n-butylphthalate	18.28	149	1190121	43.136	nq	96
75) Fluoranthene	19.37	202	1188757	43.912	nq	97
77) Benzidine	19.54	184	497218	48.255	nq	99
78) Pyrene	19.72	202	1195191	44.667	nq	96
80) Butylbenzylphthalate	20.62	149	549607	43.143	nq	96
81) Benzo(a)anthracene	21.55	228	1134610	44.636	nq	96
82) 3,3'-Dichlorobenzidine	21.46	252	328227	32.684	nq	99
83) Chrysene	21.61	228	1083343	44.854	nq	96
84) Bis(2-ethylhexyl)phthalate	21.47	149	777451	44.229	nq	98
85) Di-n-octyl phthalate	22.64	149	1379275	46.674	nq	97
86) Indeno(1,2,3-cd)pyrene	28.20	276	1382169	42.109	nq	# 91
88) Benzo(b)fluoranthene	23.69	252	1199318	43.181	nq	98
89) Benzo(k)fluoranthene	23.75	252	1130422	42.800	nq	98
90) Benzo(a)pyrene	24.53	252	1088187	41.512	nq	97
91) Dibenzo(a,h)anthracene	28.26	278	1143292	43.427	nq	97
92) Benzo(g,h,i)perylene	29.30	276	1146132	43.828	nq	97

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



#1

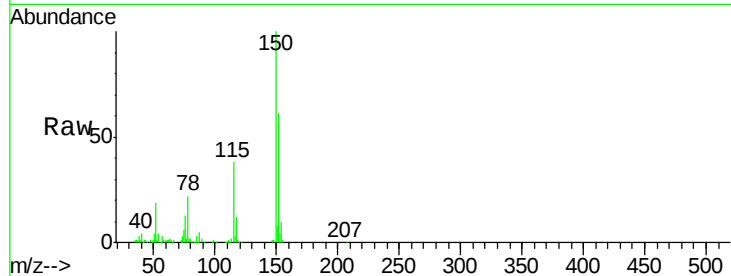
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.93 min Scan# 824
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	164.8	127.0	190.4
115	62.1	47.8	71.8

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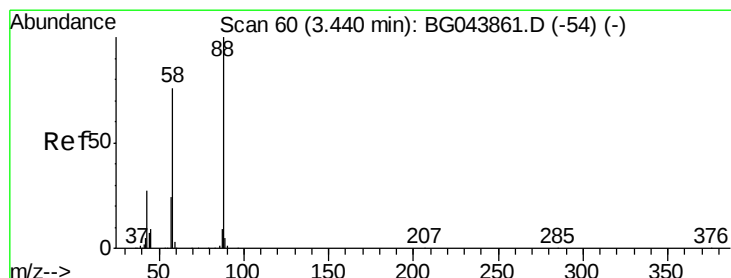
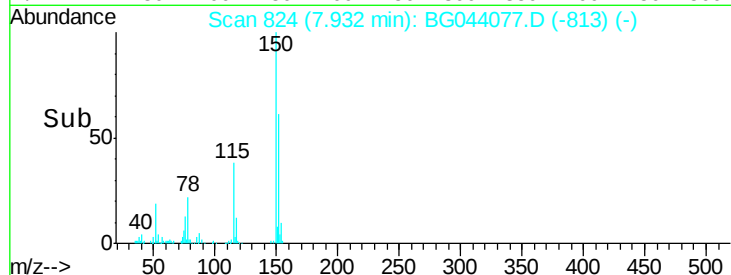
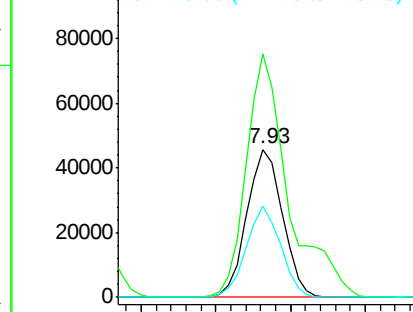


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

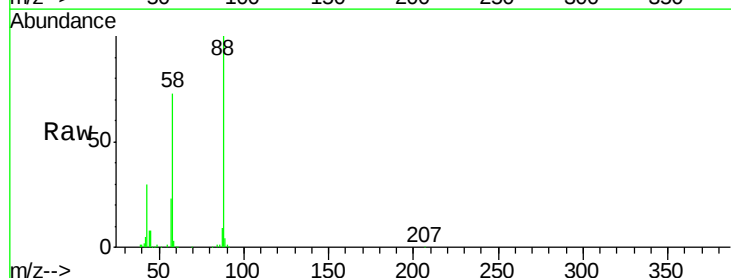
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 60.789 ng
RT: 3.40 min Scan# 52
Delta R.T. -0.04 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
88	100		
58	72.6	59.8	89.8
43	27.8	22.9	34.3

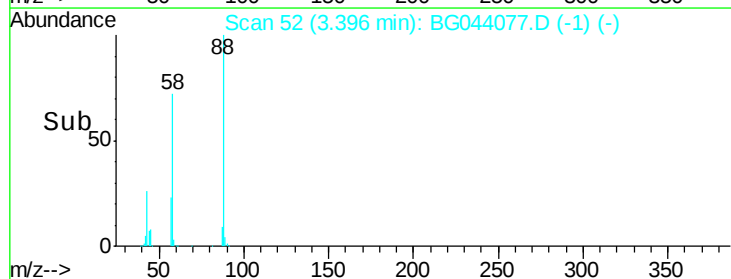
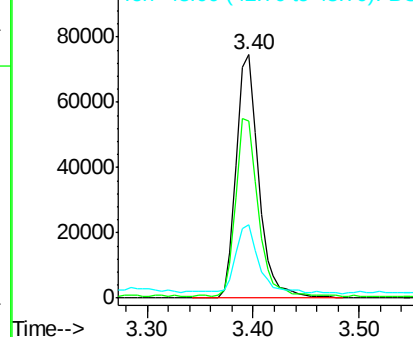


Abundance

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: 36.147 ng

RT: 3.79 min Scan# 119

Delta R.T. -0.04 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Instrument :

BNA_G

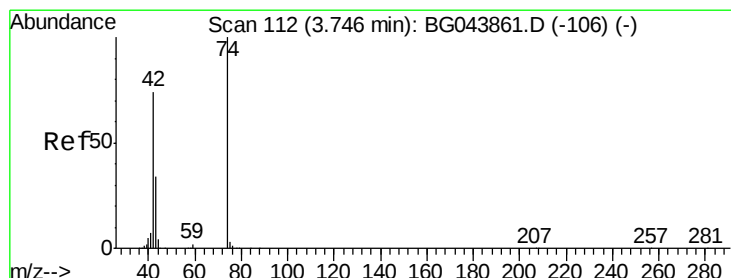
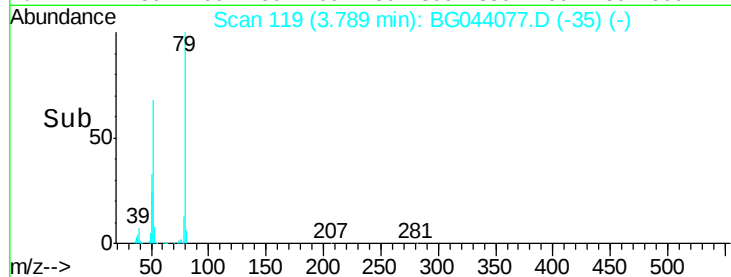
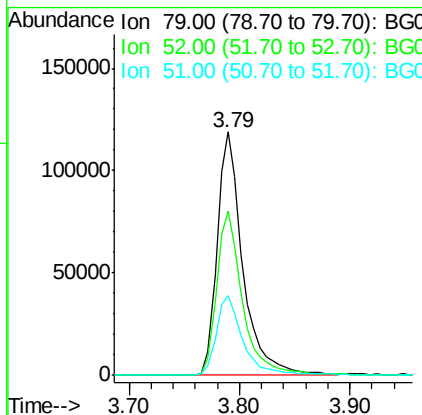
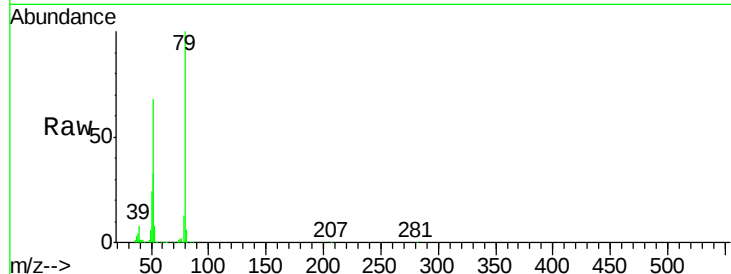
ClientSampleId :

PB126138BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
79	79	100	191779		
52	52	67.6	58.9	88.3	
51	51	32.8	28.6	43.0	

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#4

n-Nitrosodimethylamine

Concen: 39.983 ng

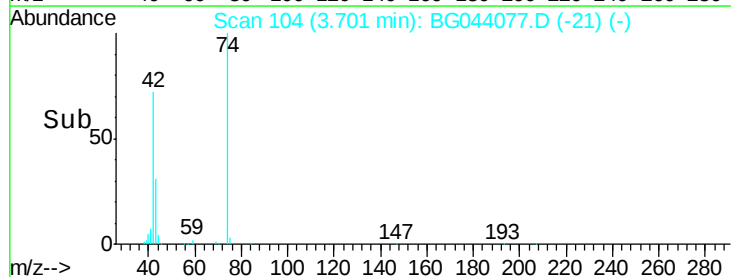
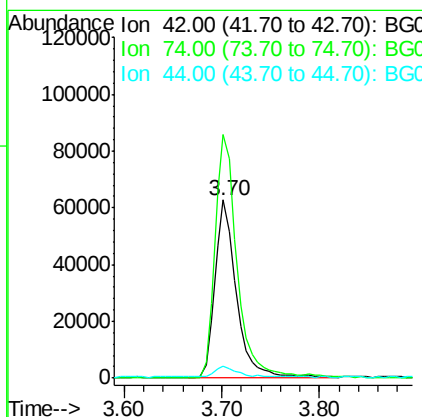
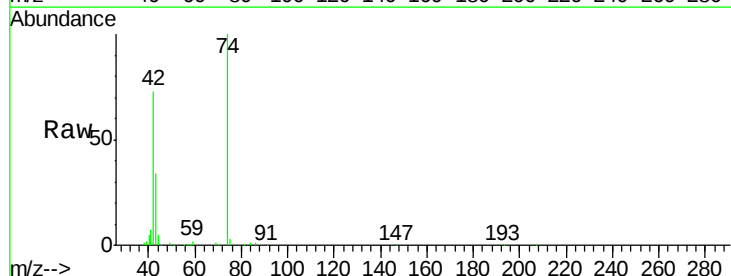
RT: 3.70 min Scan# 104

Delta R.T. -0.04 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
42	42	100	94446		
74	74	136.9	108.6	162.8	
44	44	6.8	5.0	7.6	





#5

2-Fluorophenol

Concen: 151.500 ng

RT: 5.51 min Scan# 412

Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Instrument :

BNA_G

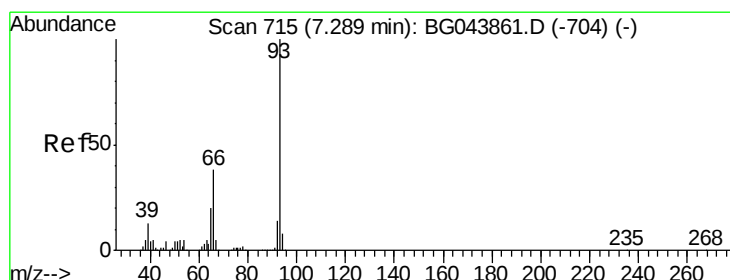
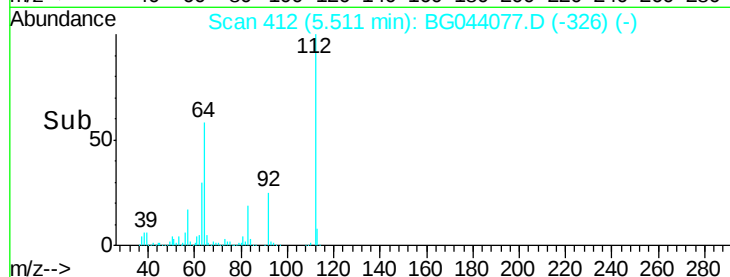
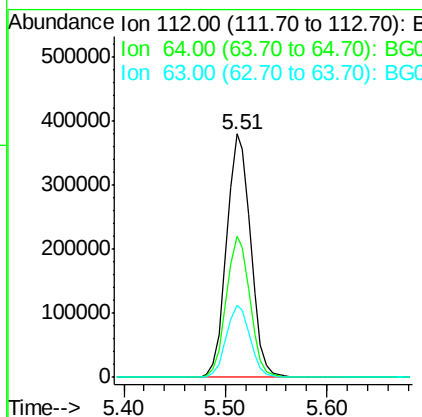
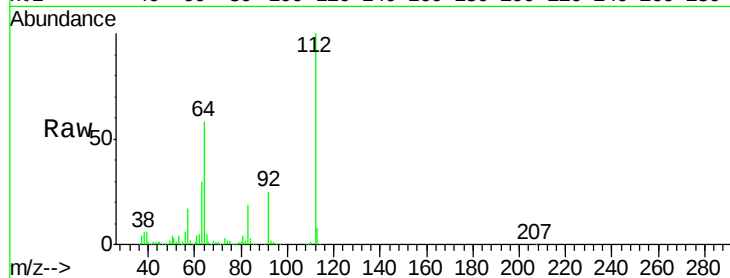
ClientSampleId :

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Tot Ion:	112	Resp:	624029
Ion Ratio	Lower	Upper	
112	100		
64	58.1	47.8	71.6
63	29.7	24.3	36.5

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#6

Aniline

Concen: 32.128 ng

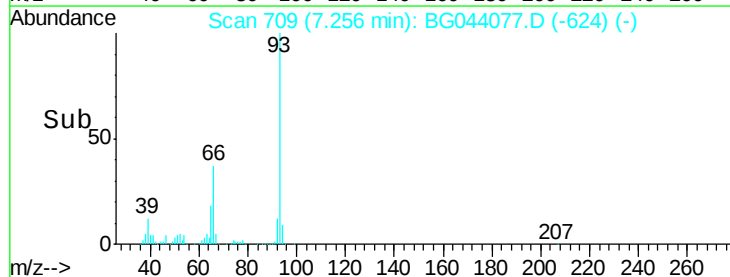
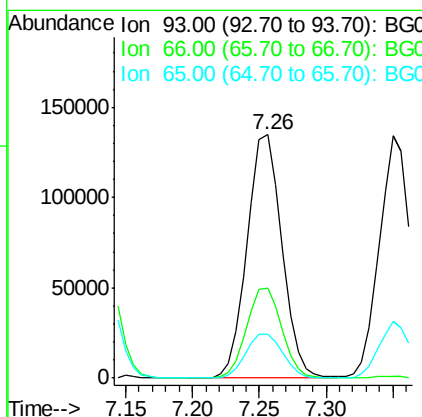
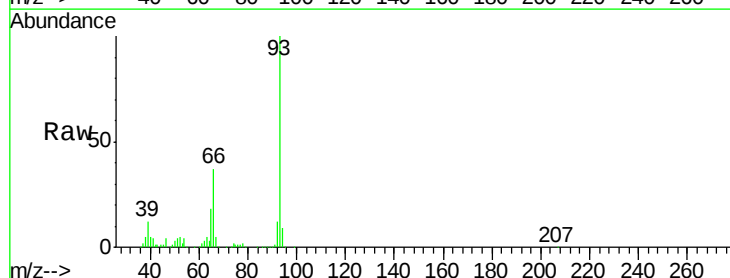
RT: 7.26 min Scan# 709

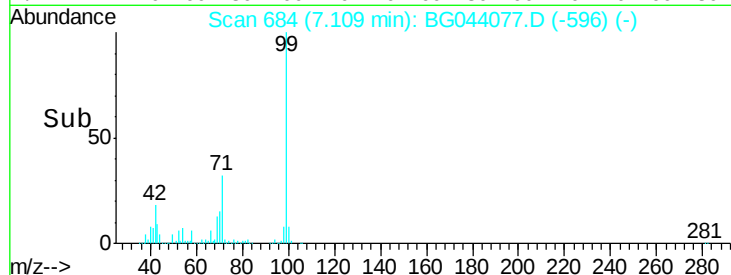
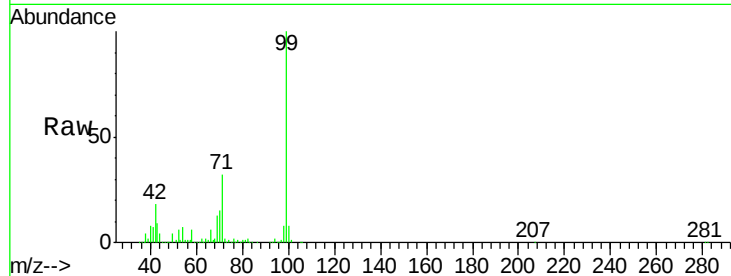
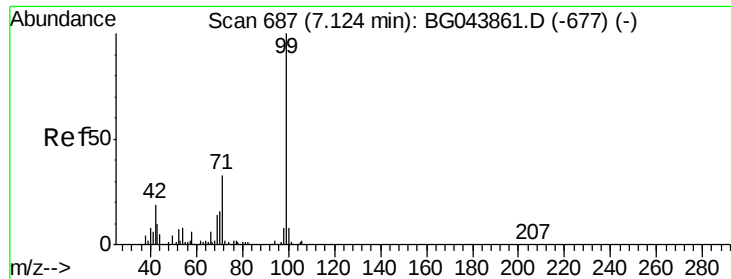
Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Tgt Ion:	93	Resp:	242969
Ion Ratio	Lower	Upper	
93	100		
66	37.0	30.8	46.2
65	18.2	16.0	24.0





#7

Phenol-d6

Concen: 144.487 ng

RT: 7.11 min Scan# 684

Delta R.T. -0.02 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		831901		
42	18.0	14.9	22.3		
71	31.8	26.4	39.6		

Instrument :

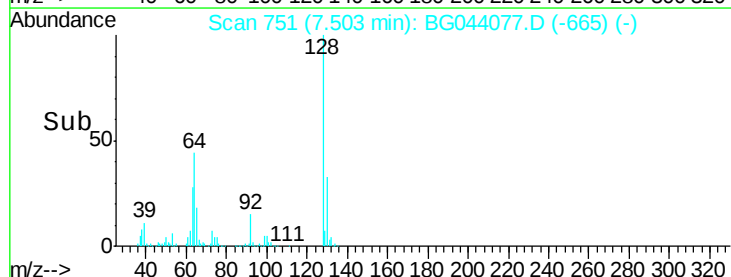
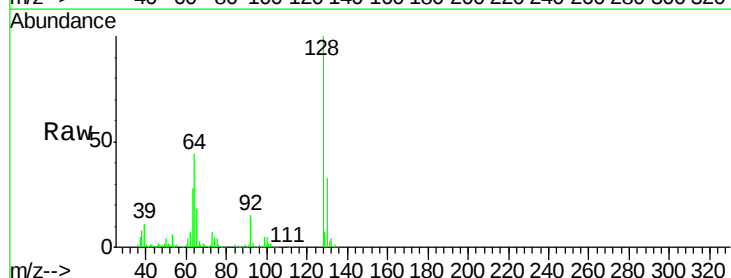
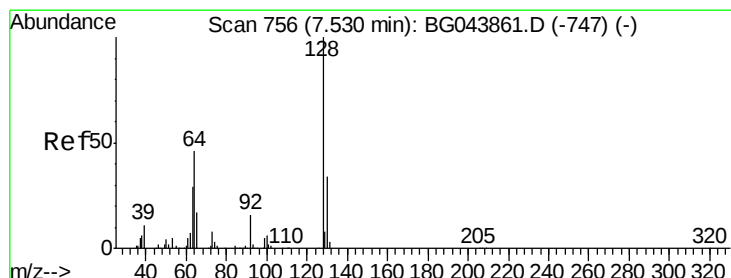
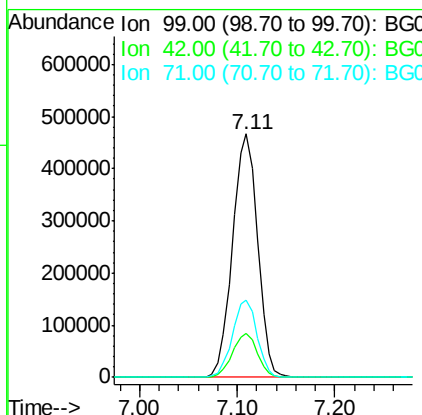
BNA_G

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#8

2-Chlorophenol

Concen: 49.268 ng

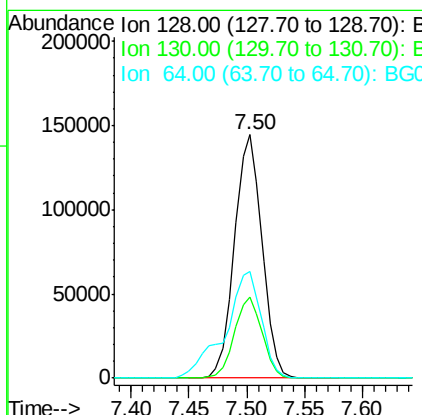
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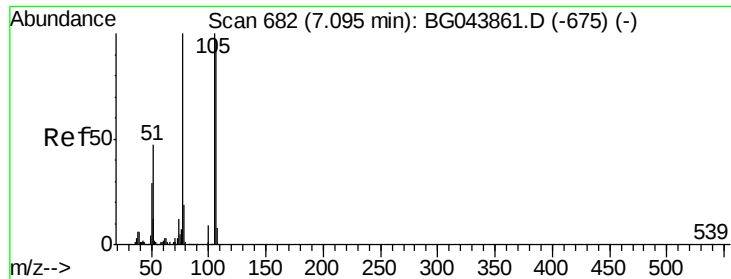
Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		238242		
130	33.3	13.8	53.8		
64	43.7	27.6	67.6		





#9

Benzaldehyde

Concen: 32.200 ng

RT: 7.06 min Scan# 676

Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Instrument :

BNA_G

ClientSampleId :

PB126138BSD

Tot Ion: 77 Resp: 118659

Ion Ratio Lower Upper

77 100

105 99.0 80.2 120.2

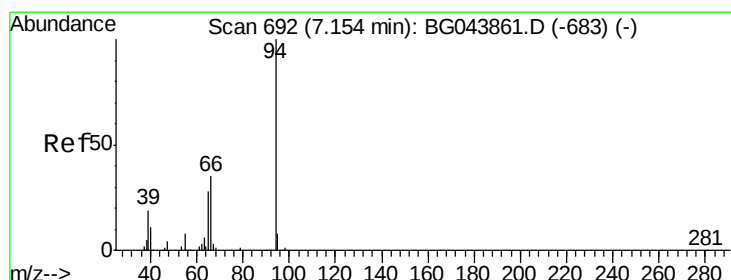
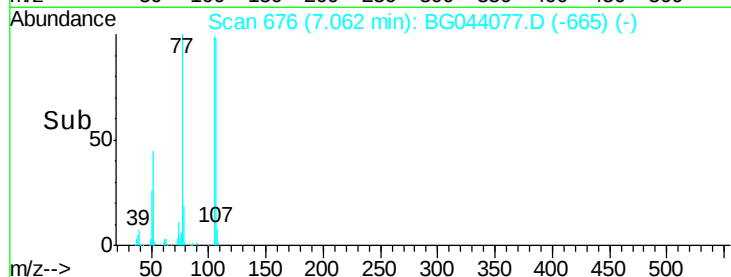
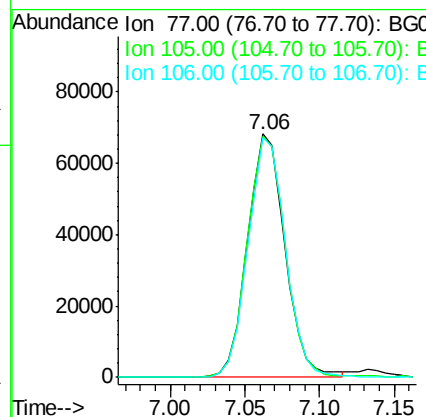
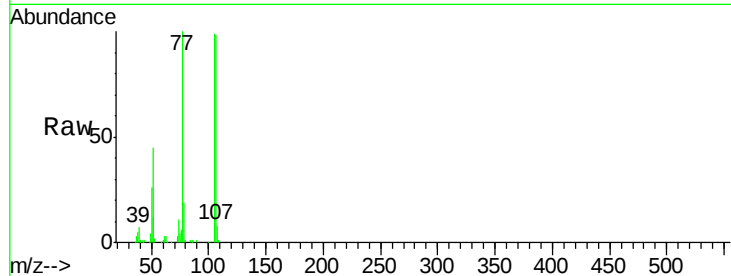
106 98.5 77.2 117.2

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#10

Phenol

Concen: 49.968 ng

RT: 7.13 min Scan# 688

Delta R.T. -0.02 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

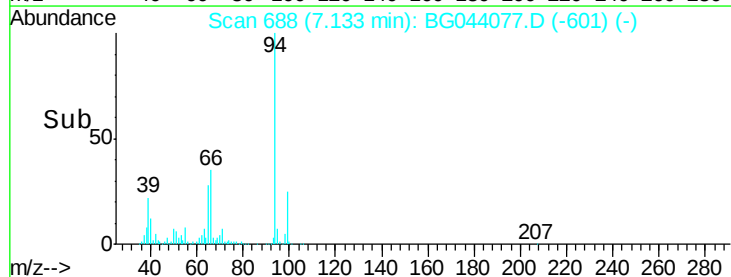
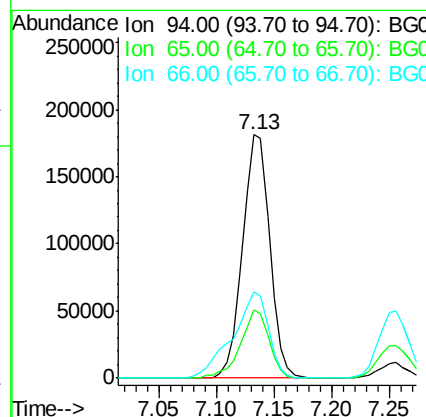
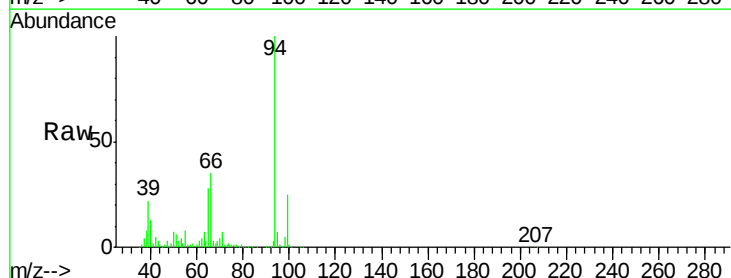
Tgt Ion: 94 Resp: 296420

Ion Ratio Lower Upper

94 100

65 28.1 8.1 48.1

66 35.3 15.6 55.6





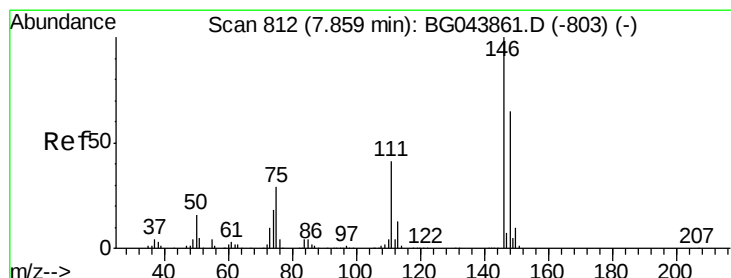
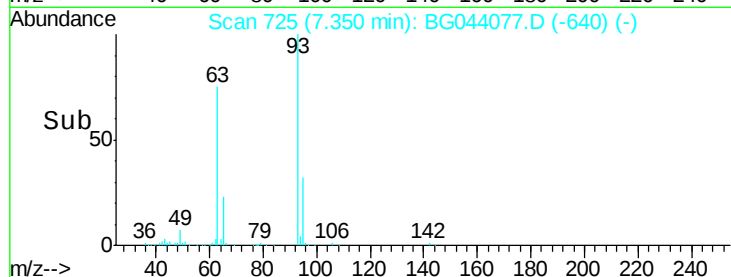
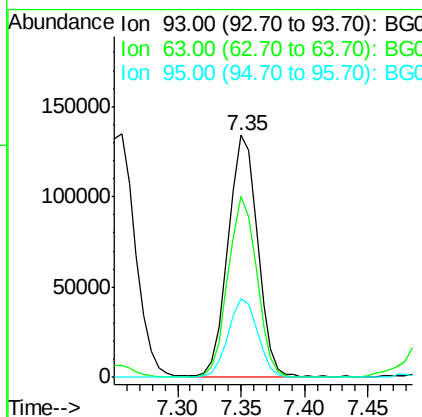
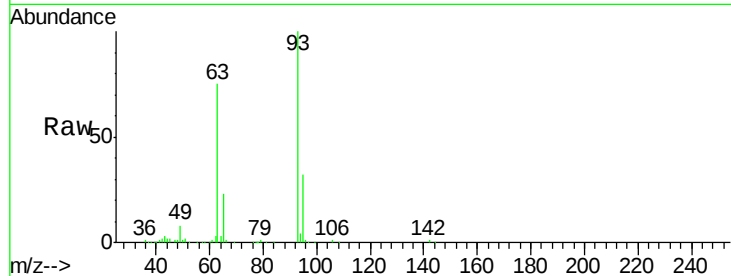
#11
bis(2-Chloroethyl)ether
Concen: 42.211 ng
RT: 7.35 min Scan# 725
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	216150		
63	74.7	55.0	95.0	
95	32.3	13.3	53.3	

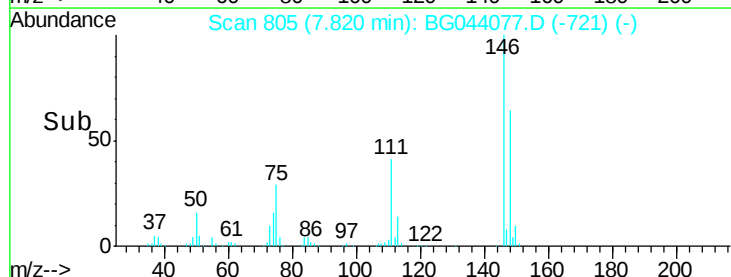
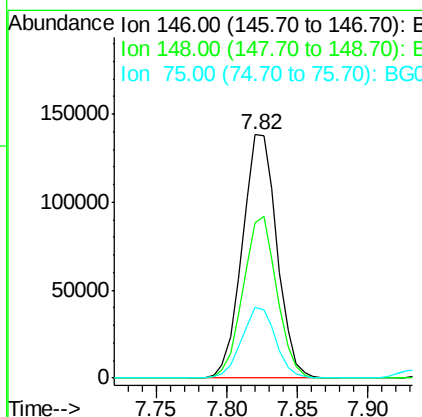
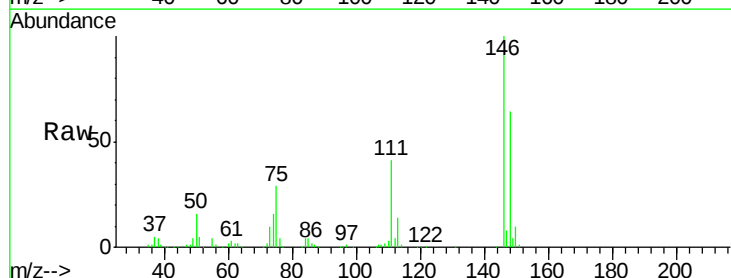
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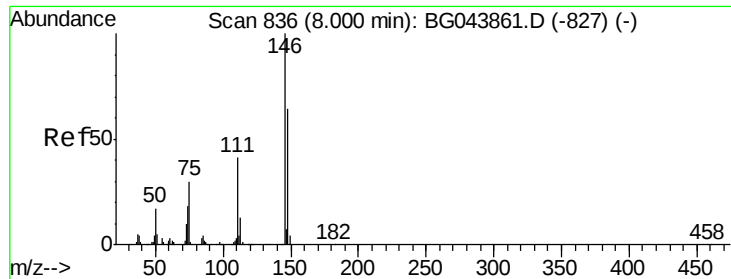
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#12
1,3-Dichlorobenzene
Concen: 42.080 ng
RT: 7.82 min Scan# 805
Delta R.T. -0.04 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	238118		
148	63.8	52.1	78.1	
75	29.1	23.0	34.4	





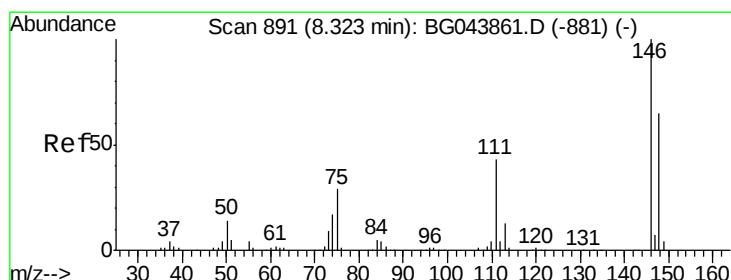
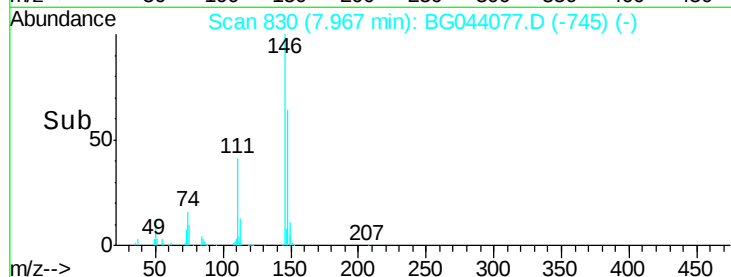
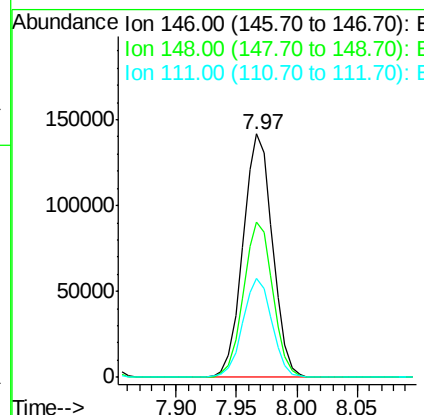
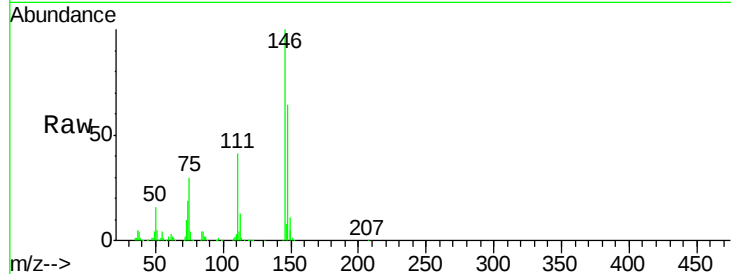
#13
 1,4-Dichlorobenzene
 Concen: 43.105 ng
 RT: 7.97 min Scan# 830
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 PB126138BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.9	51.2	76.8
111	40.9	33.1	49.7

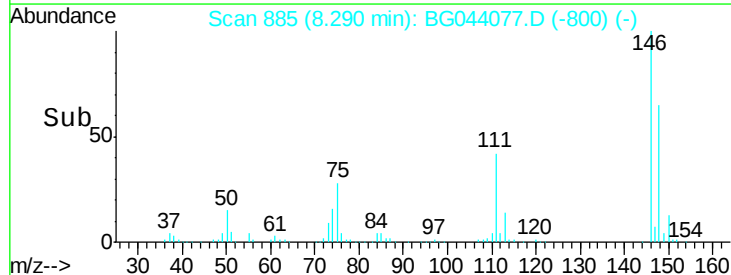
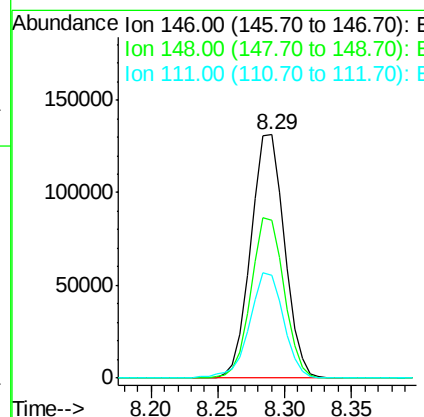
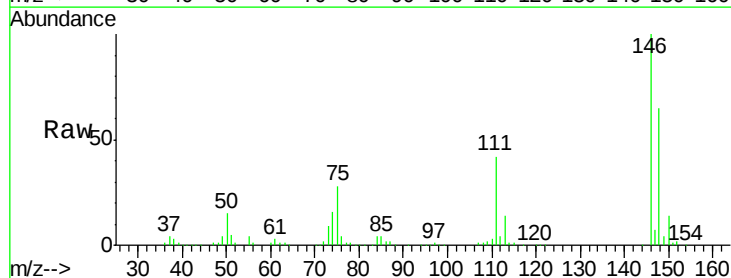
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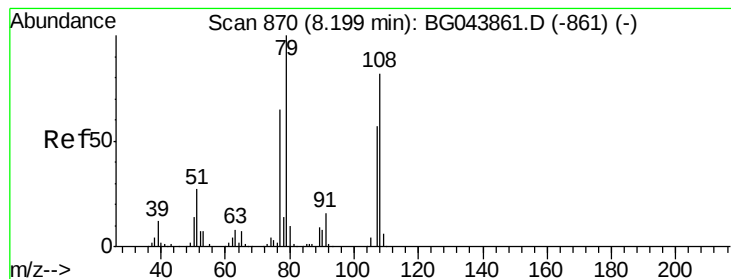
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#14
 1,2-Dichlorobenzene
 Concen: 42.649 ng
 RT: 8.29 min Scan# 885
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.9	51.7	77.5
111	42.3	34.4	51.6





#15

Benzyl Alcohol

Concen: 44.493 ng

RT: 8.17 min Scan# 865

Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Instrument :

BNA_G

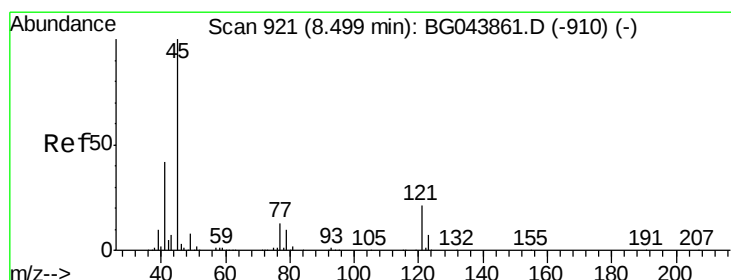
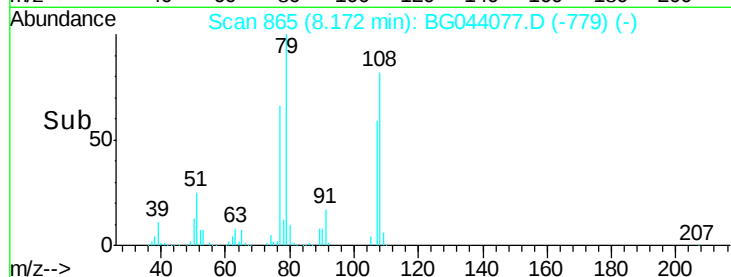
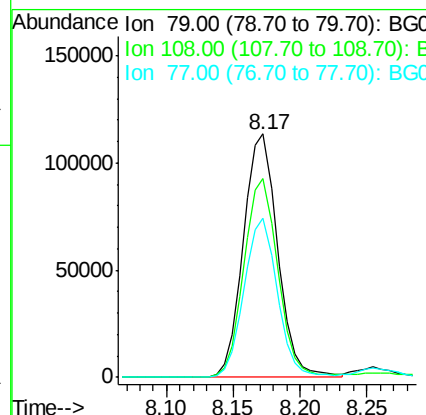
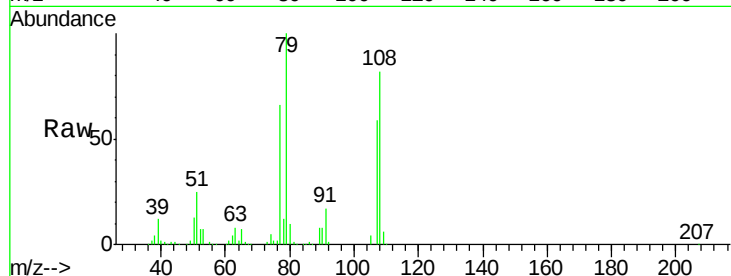
ClientSampleId :

PB126138BSD

Tot Ion:	79	Resp:	202177
Ion Ratio	Lower	Upper	
79	100		
108	81.6	65.6	98.4
77	65.6	52.0	78.0

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#16

2,2'-oxybis(1-chloropropane)

Concen: 37.237 ng

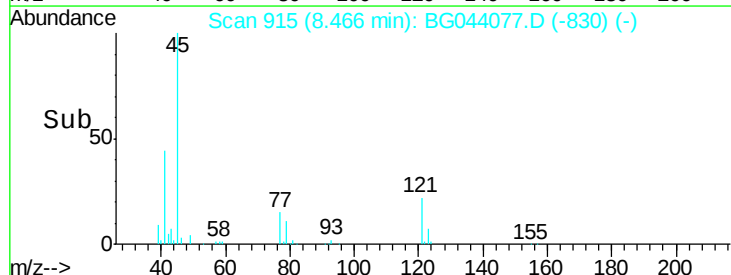
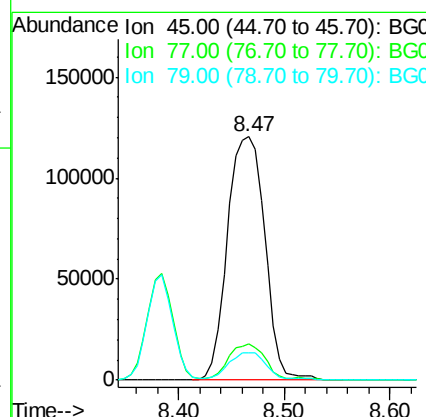
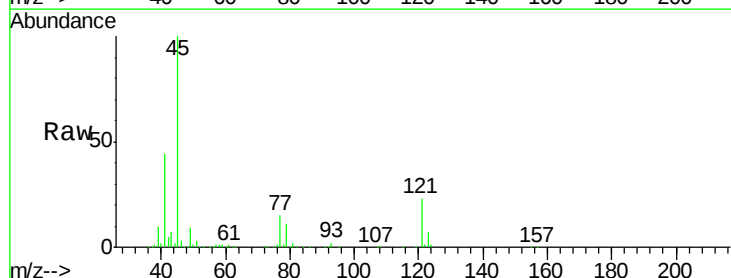
RT: 8.47 min Scan# 915

Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Tgt Ion:	45	Resp:	294997
Ion Ratio	Lower	Upper	
45	100		
77	14.8	0.0	33.8
79	11.2	0.0	31.0





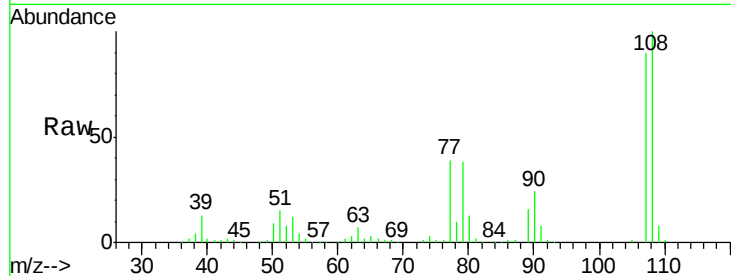
#17
2-Methylphenol
Concen: 48.882 ng
RT: 8.38 min Scan# 901
Delta R.T. -0.02 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	209845		
108	111.7	86.1	129.1	
77	43.4	35.4	53.0	
79	43.0	34.8	52.2	

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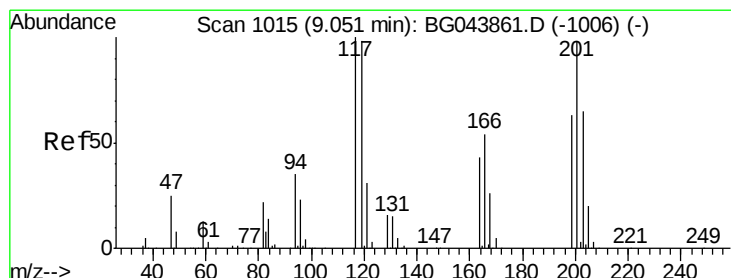
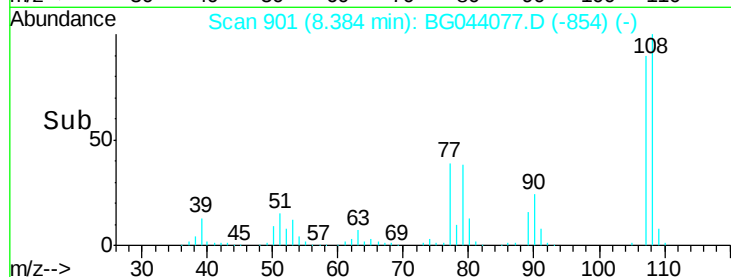
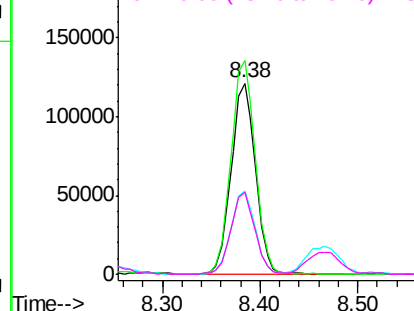
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

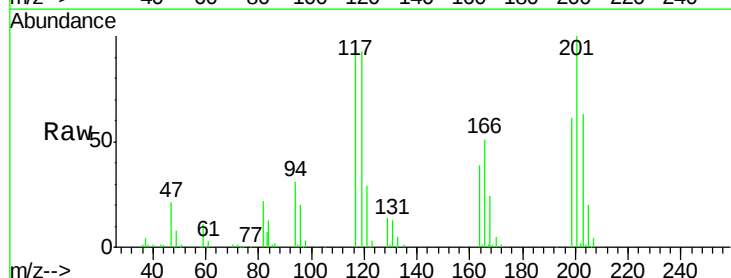
Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18
Hexachloroethane
Concen: 41.003 ng
RT: 9.02 min Scan# 1009
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	89080		
119	98.3	78.1	117.1	
201	105.8	78.6	117.8	

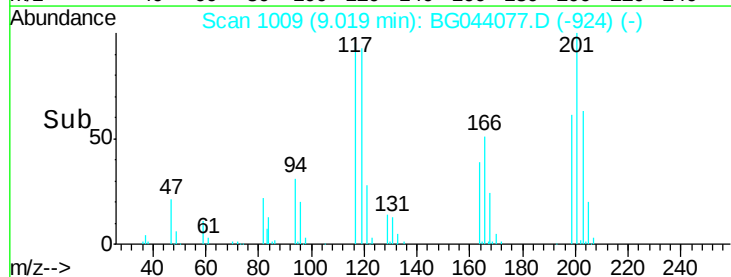
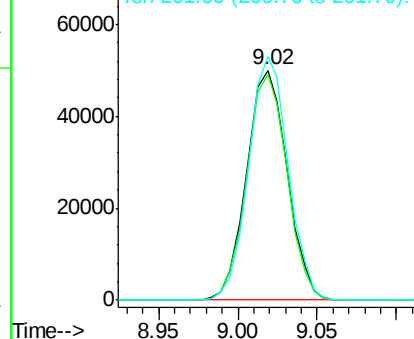


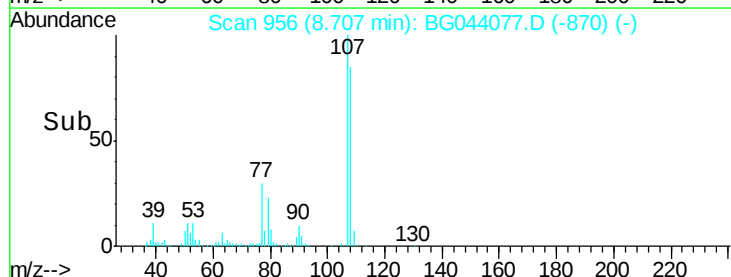
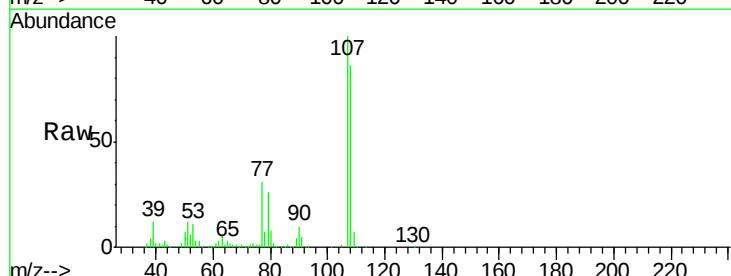
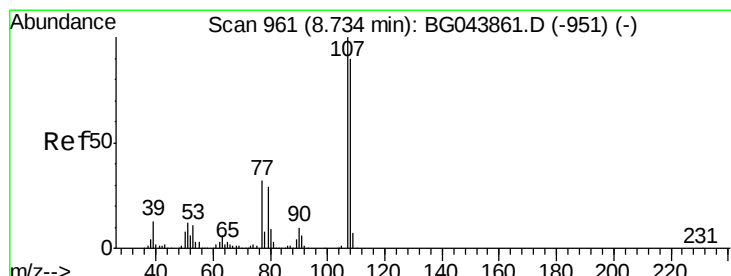
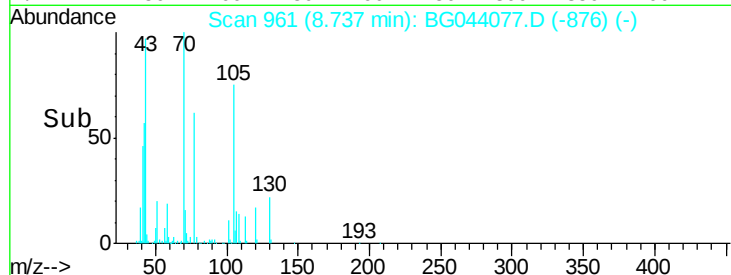
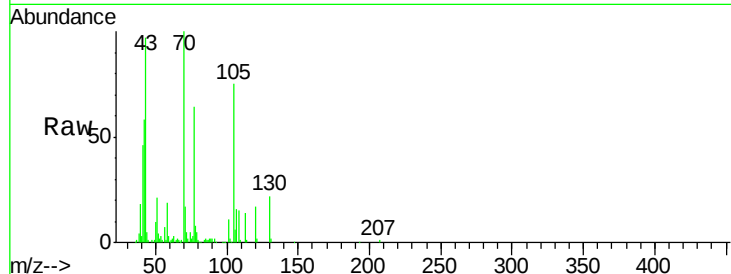
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

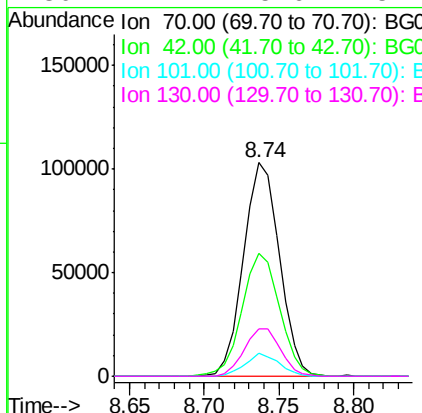
Ion 201.00 (200.70 to 201.70): E





#19
n-Nitroso-di-n-propylamine
Concen: 40.182 ng
RT: 8.74 min Scan# 961
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.6	47.0	70.4	
101	10.9	7.2	10.8	
130	22.1	15.6	23.4	



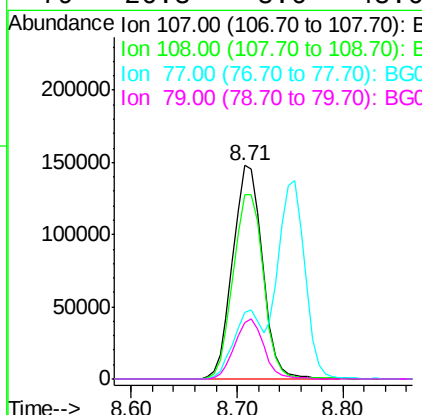
Instrument :
BNA_G
ClientSampleId :
PB126138BSD

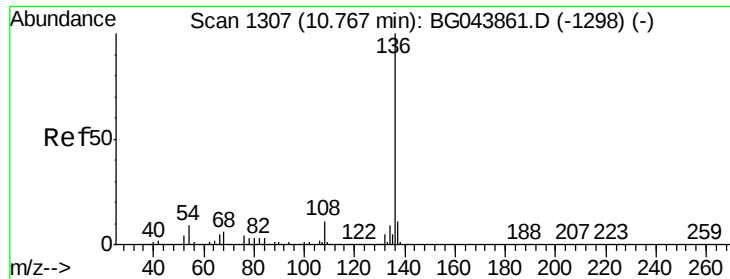
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#20
3+4-Methylphenols
Concen: 48.129 ng
RT: 8.71 min Scan# 956
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.1	70.3	110.3	
77	31.0	12.4	52.4	
79	26.3	8.6	48.6	





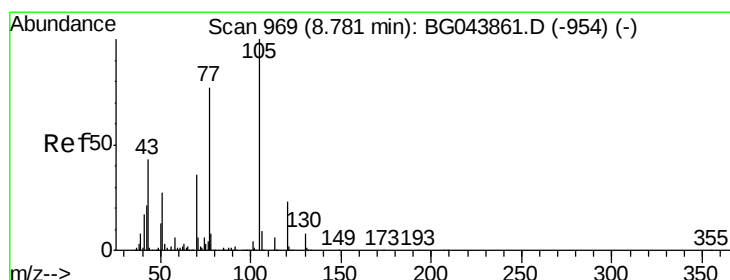
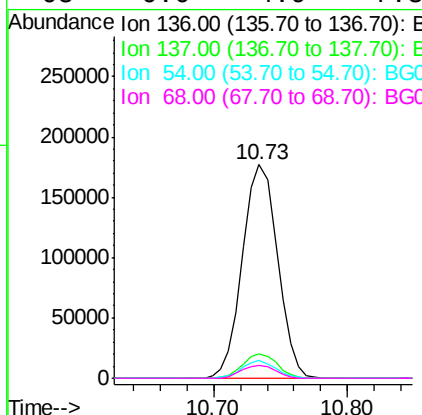
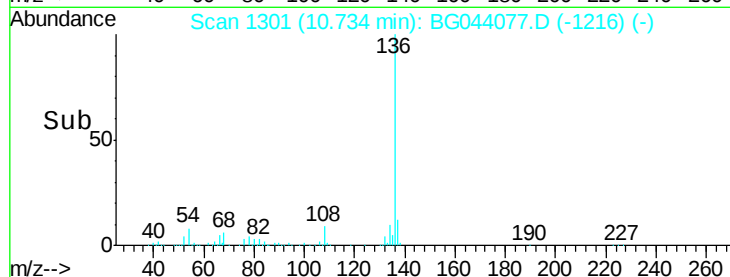
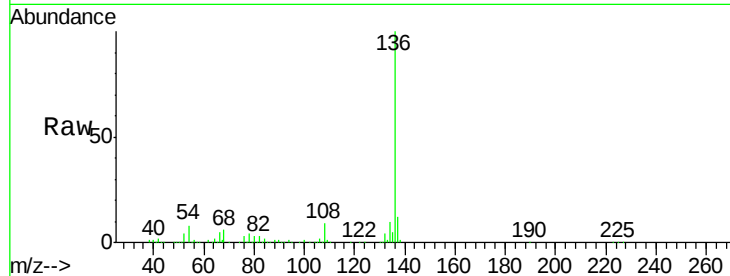
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.73 min Scan# 1301
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		322352		
137	11.6	8.8	13.2		
54	8.4	7.0	10.4		
68	6.0	4.9	7.3		

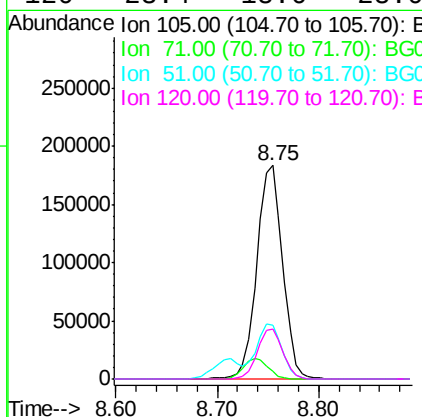
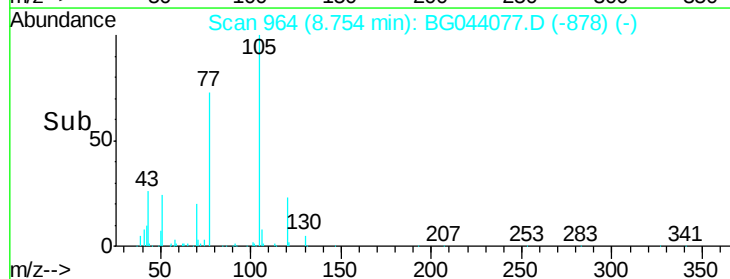
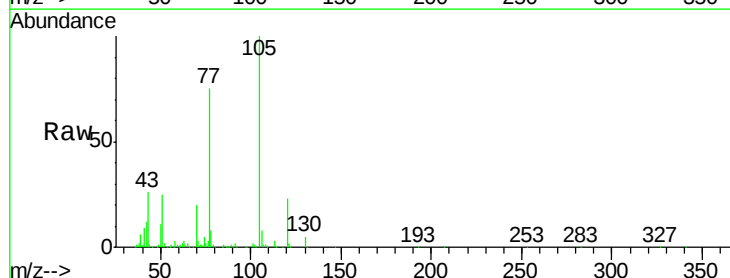
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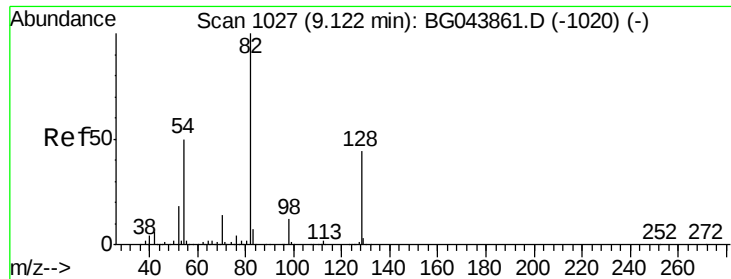
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#22
Acetophenone
Concen: 40.331 ng
RT: 8.75 min Scan# 964
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		323207		
71	3.4	4.8	7.2#		
51	25.0	21.4	32.0		
120	23.4	18.6	28.0		





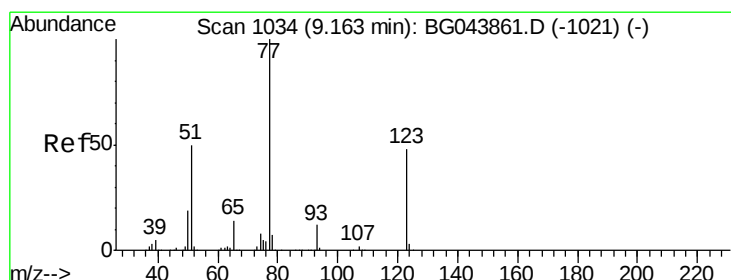
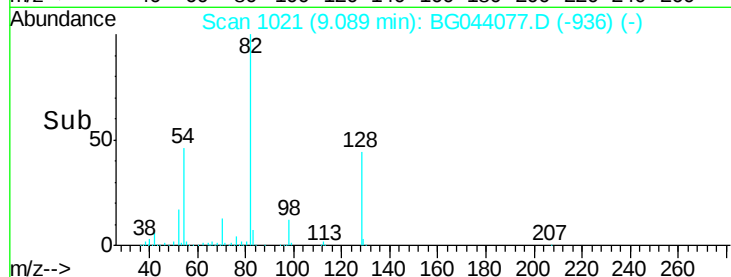
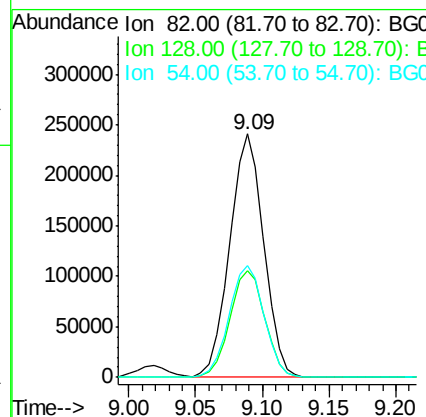
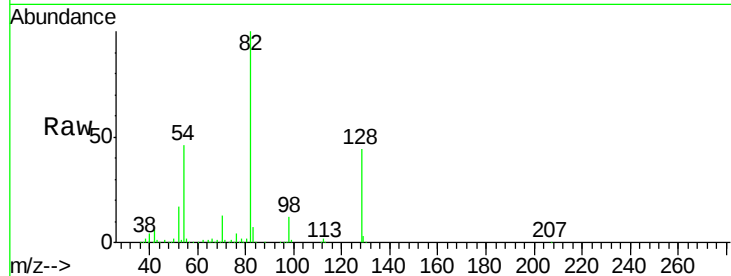
#23
Nitrobenzene-d5
Concen: 71.101 ng
RT: 9.09 min Scan# 1021
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	44.0	35.1	52.7
54	45.8	40.1	60.1

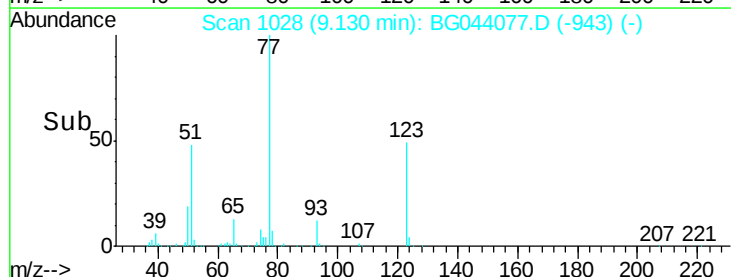
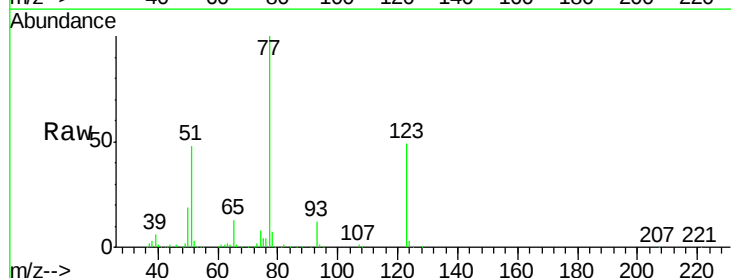
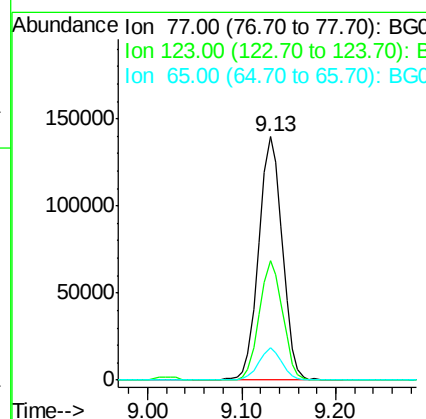
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#24
Nitrobenzene
Concen: 40.908 ng
RT: 9.13 min Scan# 1028
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
77	100		
123	48.8	38.7	58.1
65	13.3	11.1	16.7





#25

Isophorone

Concen: 42.057 ng

RT: 9.66 min Scan# 1118

Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Instrument :

BNA_G

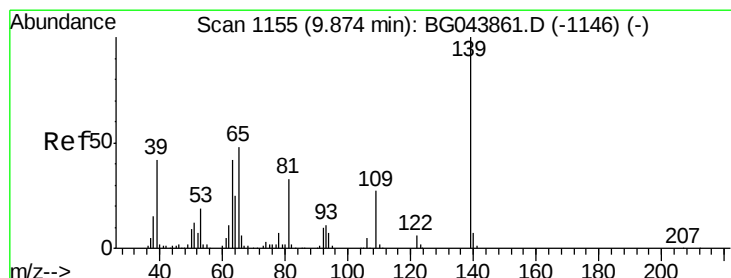
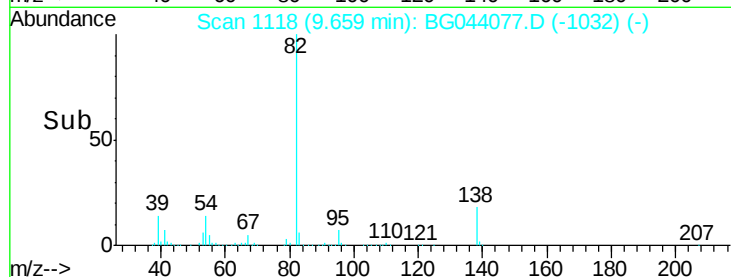
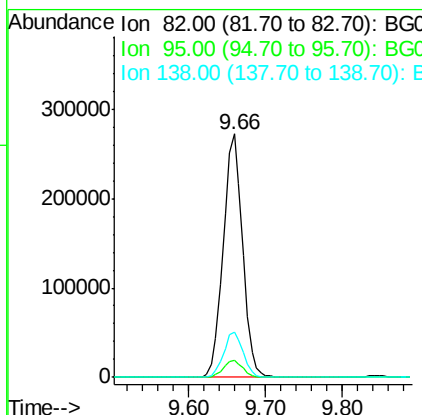
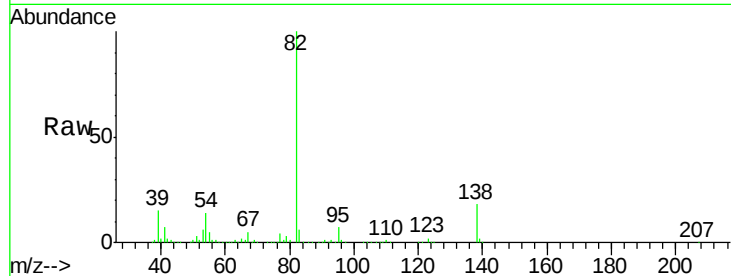
ClientSampleId :

PB126138BSD

Tot Ion:	82	Resp:	475447
Ion Ratio	Lower	Upper	
82	100		
95	6.8	5.8	8.6
138	18.5	14.6	22.0

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#26

2-Nitrophenol

Concen: 48.825 ng

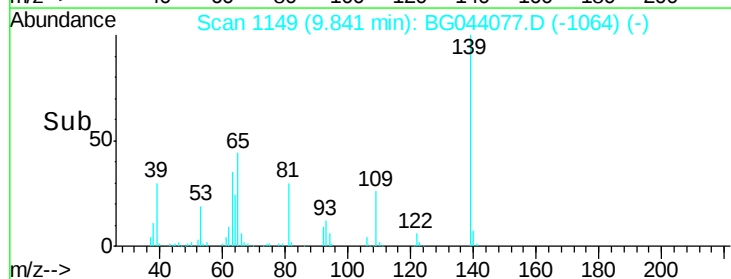
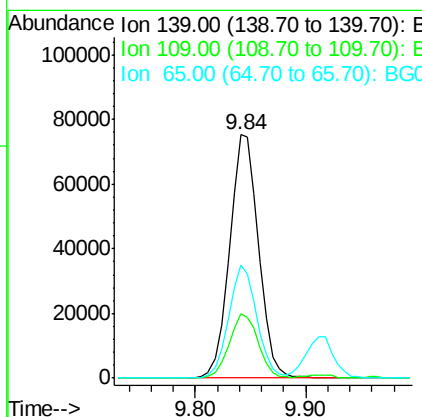
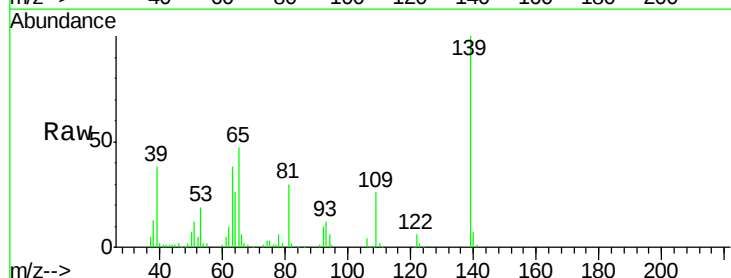
RT: 9.84 min Scan# 1149

Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Tgt Ion:	139	Resp:	137861
Ion Ratio	Lower	Upper	
139	100		
109	26.2	21.3	31.9
65	46.7	38.6	57.8





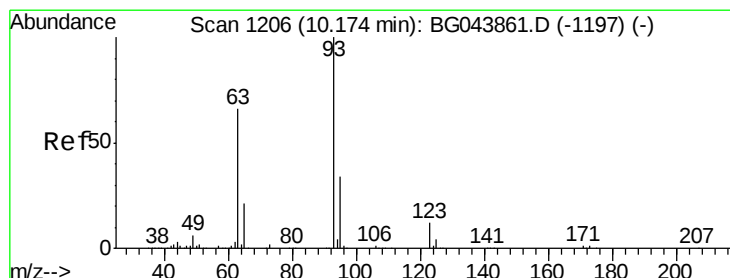
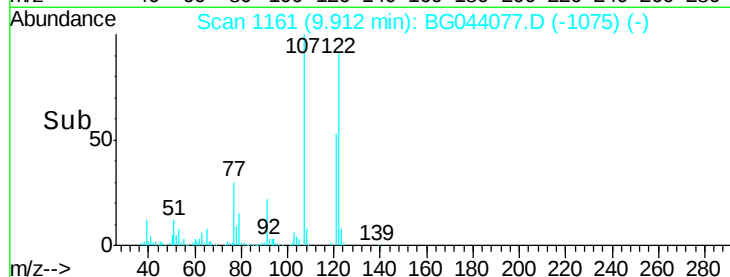
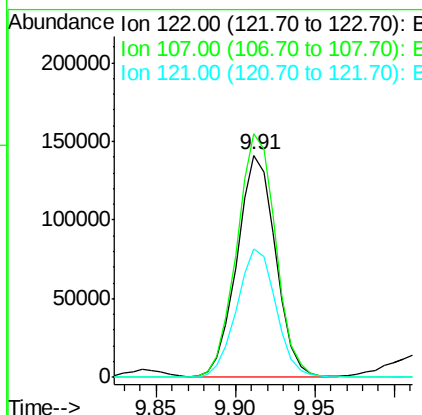
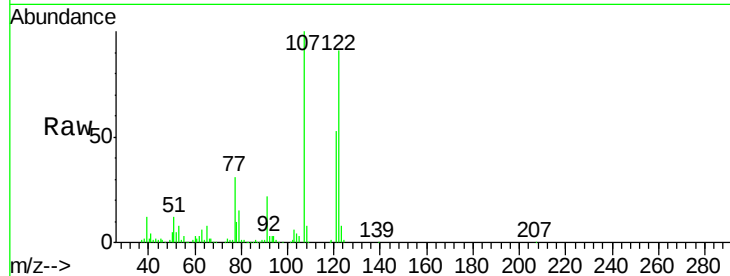
#27
 2,4-Dimethylphenol
 Concen: 55.738 ng
 RT: 9.91 min Scan# 1161
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 PB126138BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	236904		
107	109.7	88.0	132.0	
121	57.9	49.0	73.4	

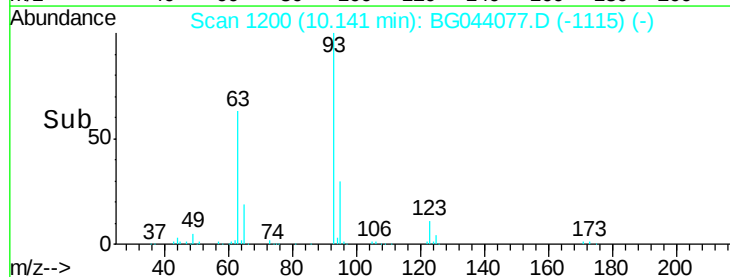
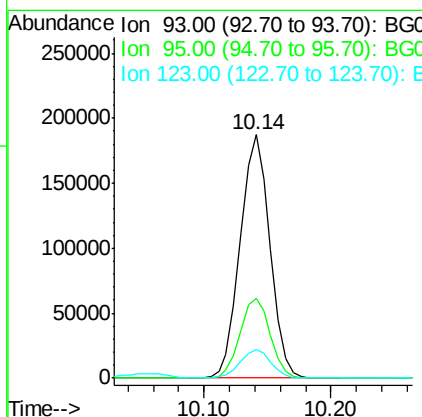
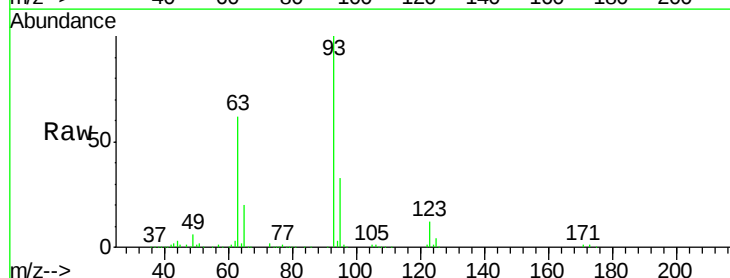
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#28
 bis(2-Chloroethoxy)methane
 Concen: 40.394 ng
 RT: 10.14 min Scan# 1200
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	304441		
95	33.0	27.2	40.8	
123	11.9	9.7	14.5	





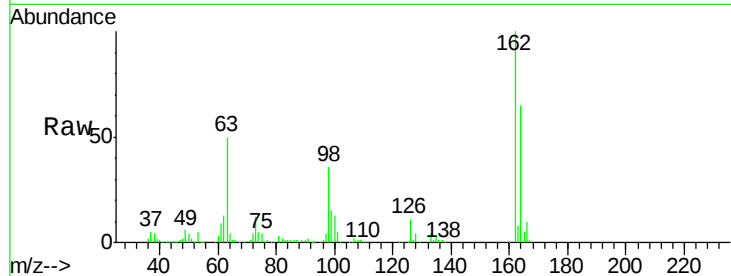
#29
 2,4-Dichlorophenol
 Concen: 47.669 ng
 RT: 10.39 min Scan# 1242
 Delta R.T. -0.02 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 PB126138BSD

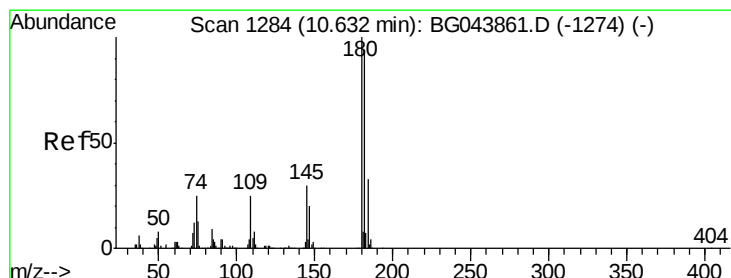
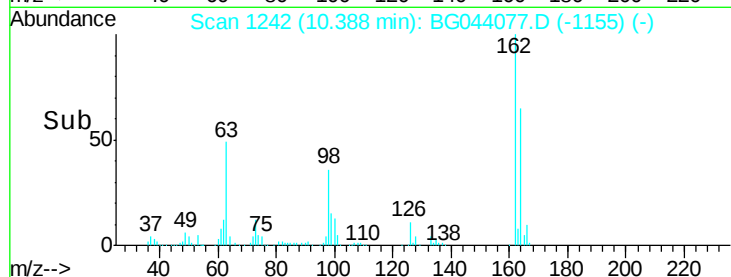
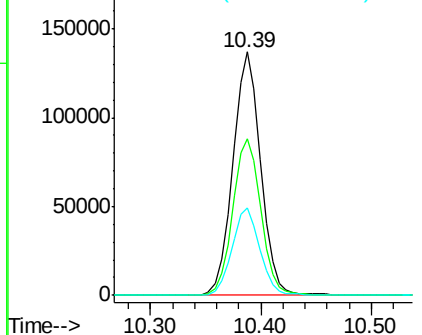
Tot Ion	Ratio	Resp Lower	Upper
162	100		
164	64.6	46.3	86.3
98	35.9	17.3	57.3

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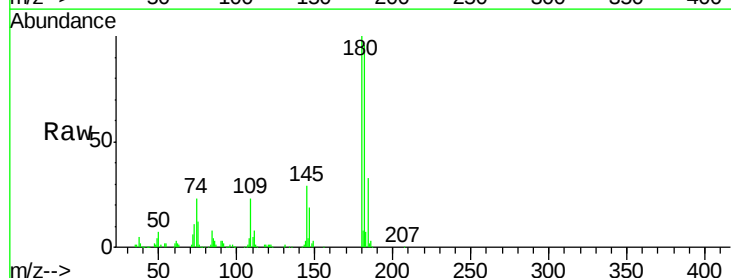


Abundance Ion 162.00 (161.70 to 162.70): E
 Ion 164.00 (163.70 to 164.70): E
 Ion 98.00 (97.70 to 98.70): B

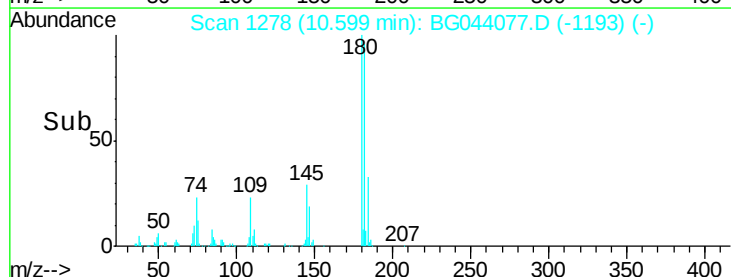
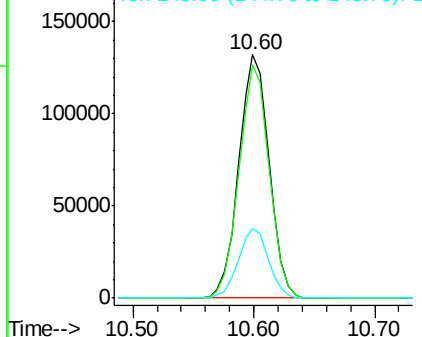


#30
 1,2,4-Trichlorobenzene
 Concen: 40.602 ng
 RT: 10.60 min Scan# 1278
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Resp Lower	Upper
180	100		
182	95.6	75.0	112.4
145	28.8	24.2	36.4



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





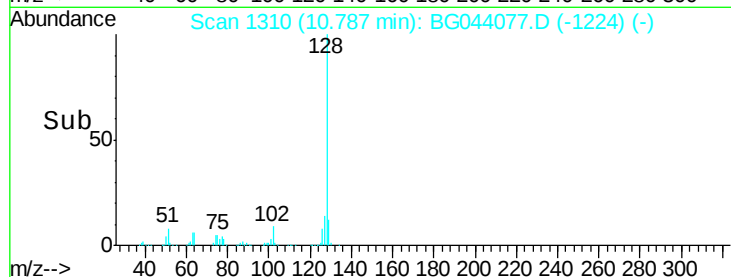
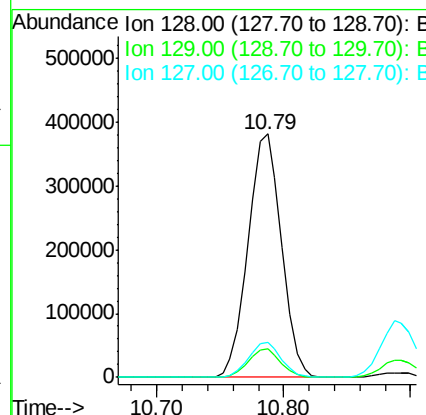
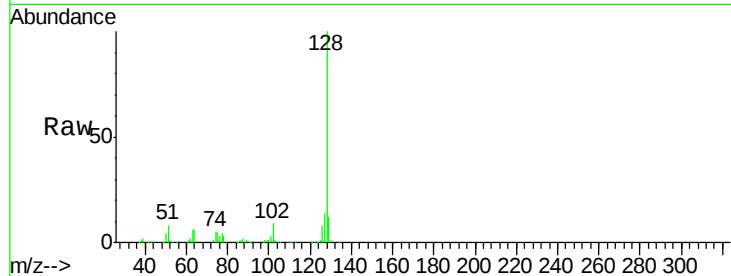
#31
Naphthalene
Concen: 44.740 ng
RT: 10.79 min Scan# 1310
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.9	9.8	14.6
127	14.4	12.0	18.0

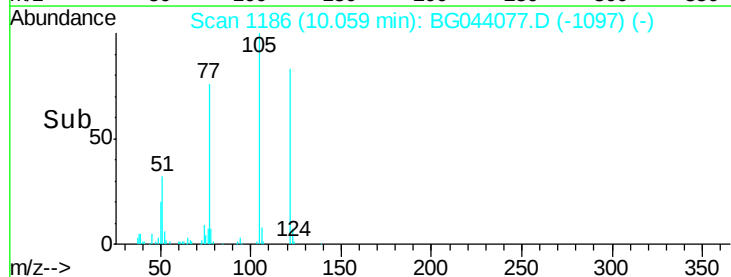
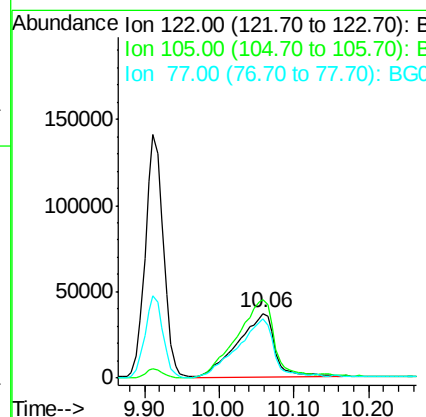
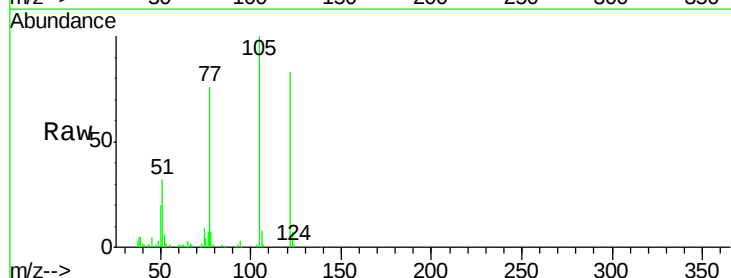
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#32
Benzoic acid
Concen: 38.767 ng
RT: 10.06 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
122	100		
105	121.2	106.4	146.4
77	92.2	74.6	114.6





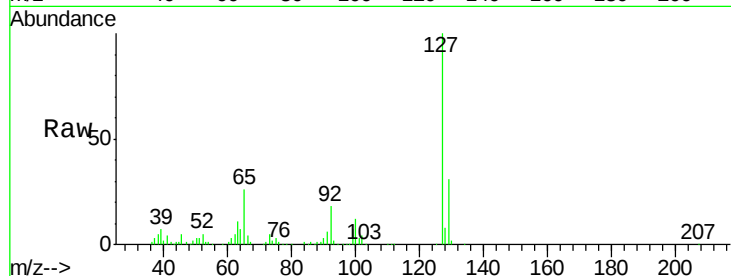
#33
4-Chloroaniline
Concen: 23.445 ng
RT: 10.89 min Scan# 1327
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

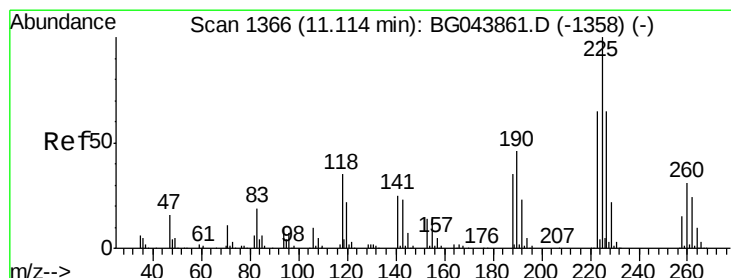
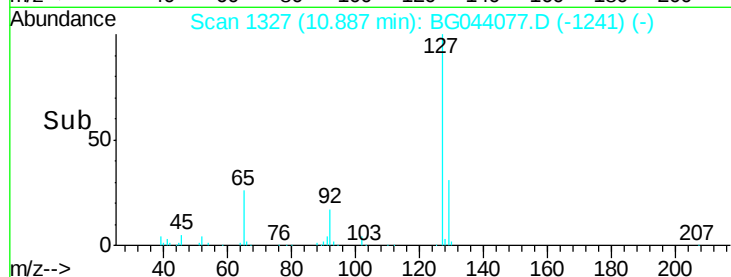
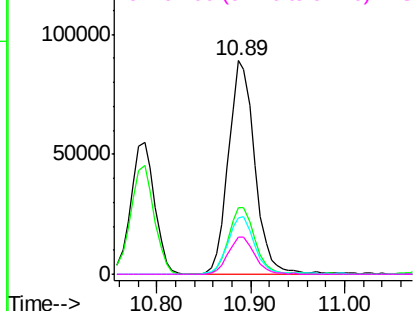
Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	30.9	26.6	40.0		
65	26.4	23.3	34.9		
92	17.5	14.7	22.1		

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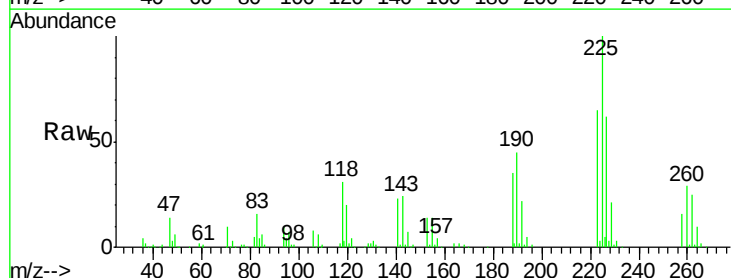


Abundance Ion 127.00 (126.70 to 127.70): E
Ion 129.00 (128.70 to 129.70): E
Ion 65.00 (64.70 to 65.70): BG
Ion 92.00 (91.70 to 92.70): BG

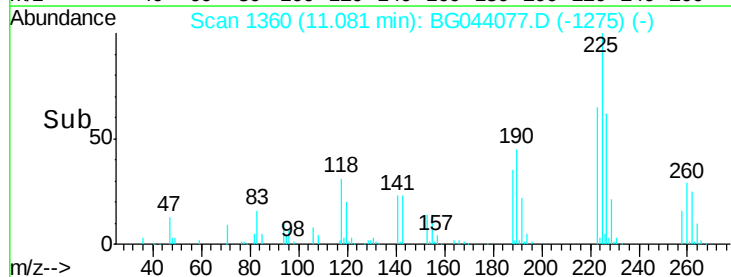
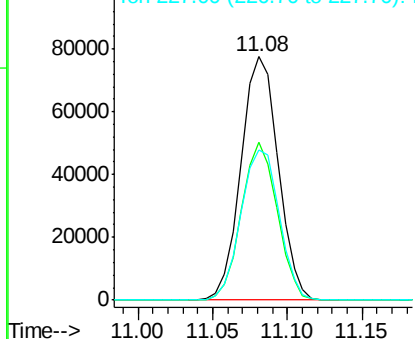


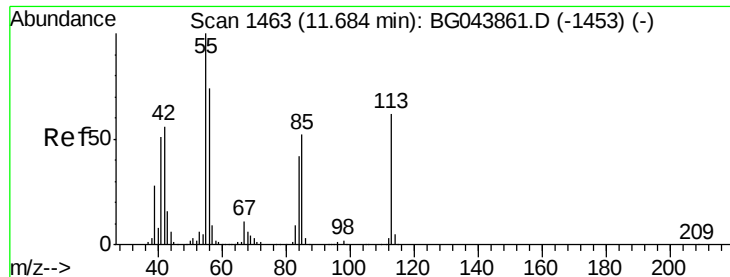
#34
Hexachlorobutadiene
Concen: 38.573 ng
RT: 11.08 min Scan# 1360
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	65.0	52.2	78.4		
227	61.8	52.1	78.1		



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: 48.540 ng/mL

RT: 11.66 min Scan# 1459

Delta R.T. -0.02 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Instrument :

BNA_G

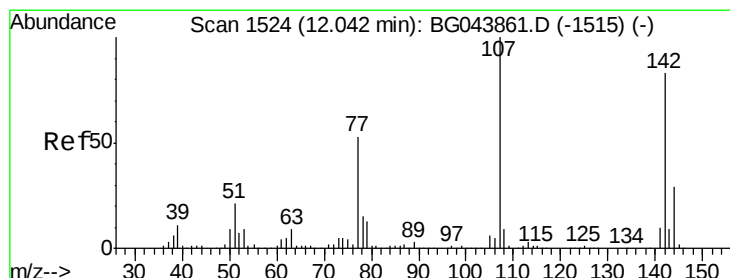
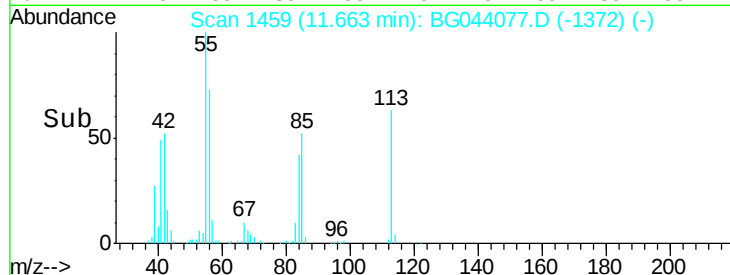
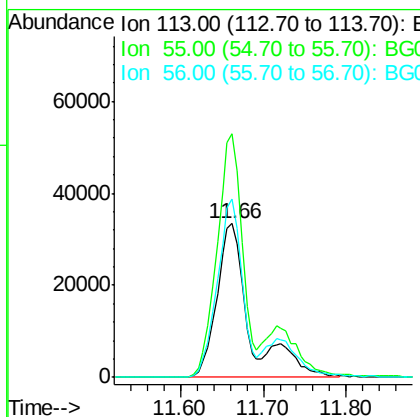
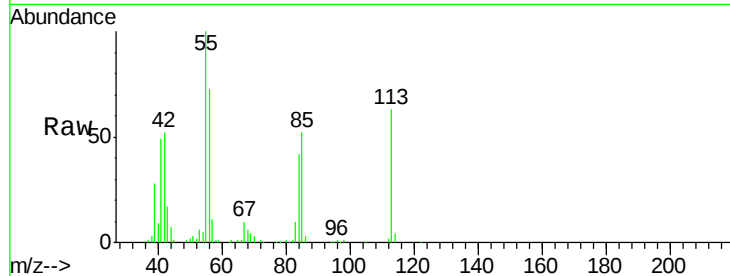
ClientSampleId :

PB126138BSD

Tot Ion:	113	Resp:	91613
Ion	Ratio	Lower	Upper
113	100		
55	158.6	142.5	182.5
56	116.2	101.4	141.4

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#36

4-Chloro-3-methylphenol

Concen: 48.665 ng/mL

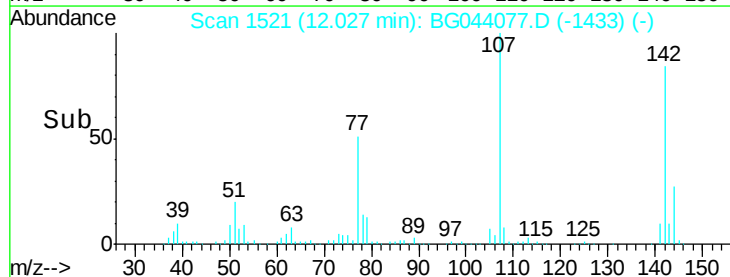
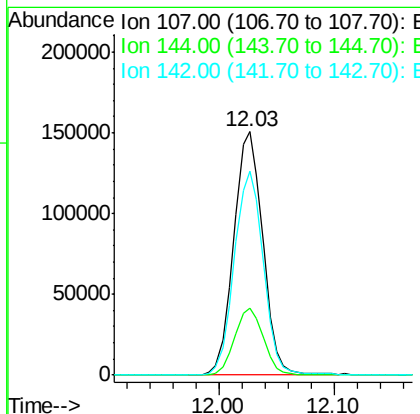
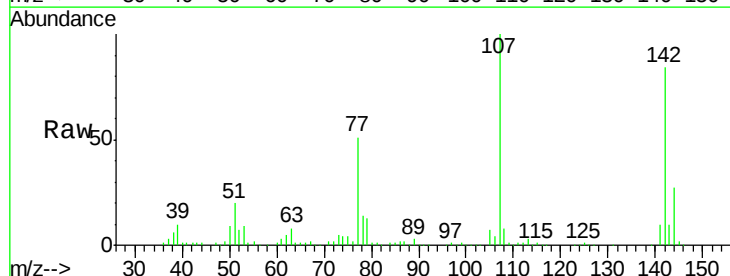
RT: 12.03 min Scan# 1521

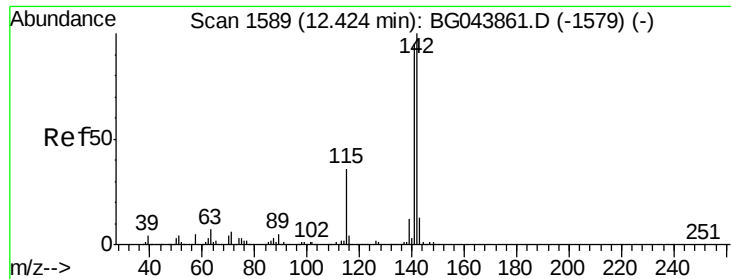
Delta R.T. -0.02 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Tgt Ion:	107	Resp:	262654
Ion	Ratio	Lower	Upper
107	100		
144	27.4	23.4	35.2
142	83.8	66.3	99.5





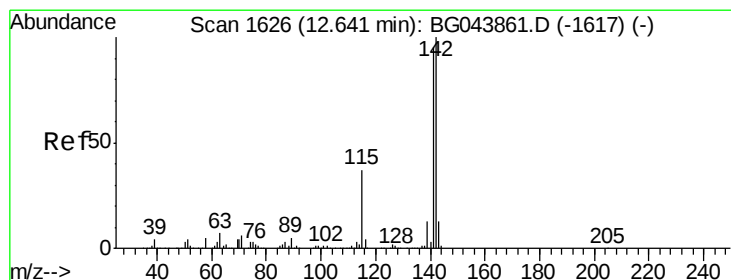
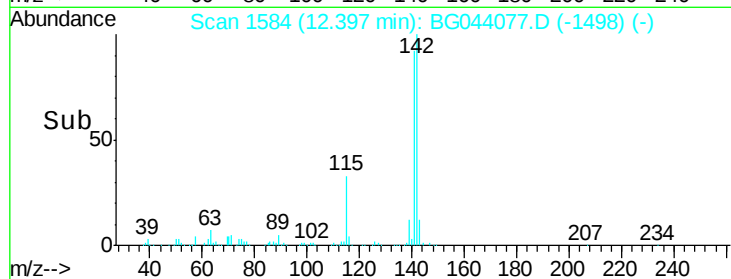
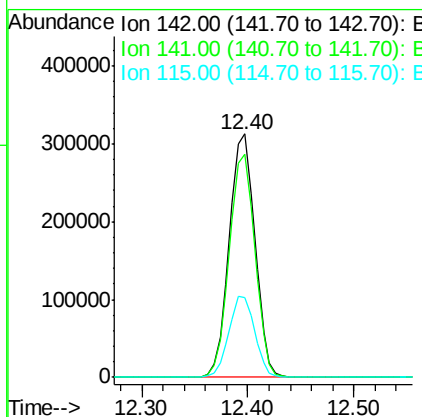
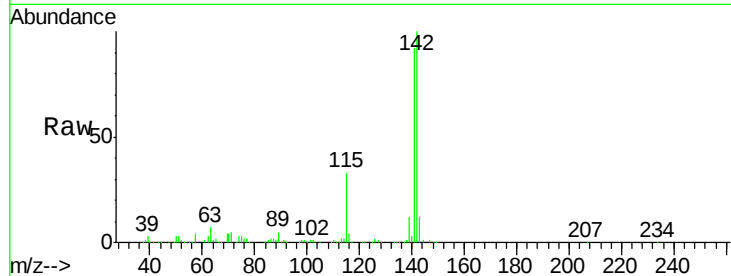
#37
2-Methylnaphthalene
Concen: 44.795 ng
RT: 12.40 min Scan# 1584
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.7	75.8	113.8
115	32.7	28.6	42.8

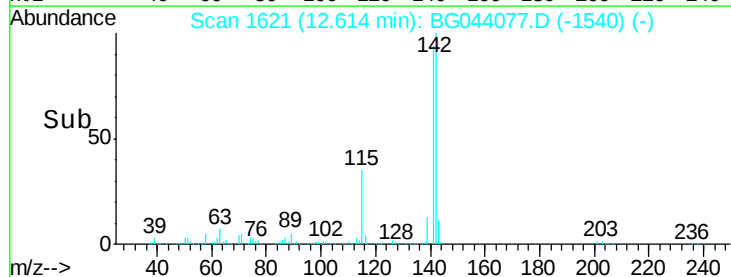
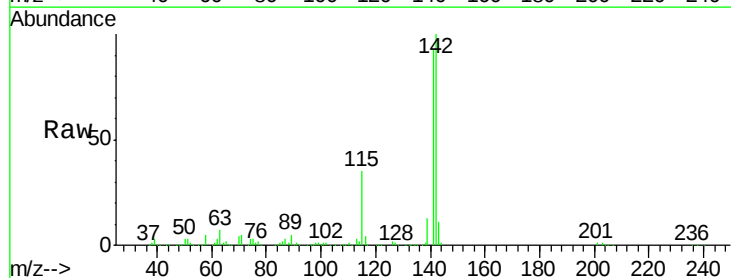
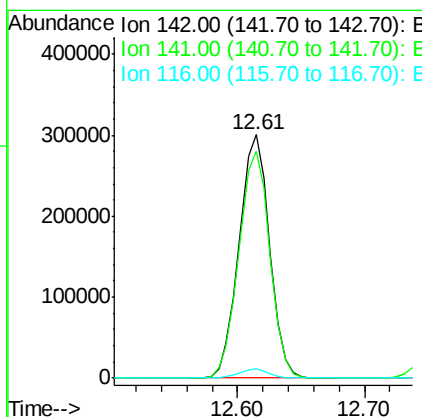
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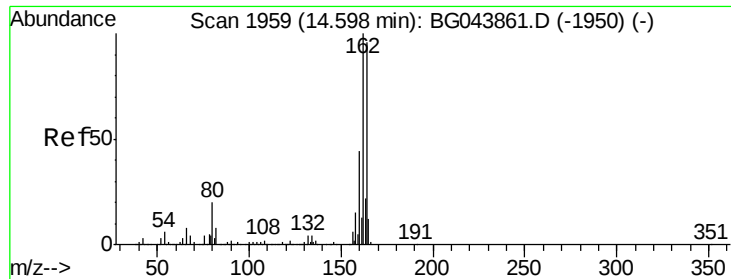
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#38
1-Methylnaphthalene
Concen: 44.880 ng
RT: 12.61 min Scan# 1621
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
142	100		
141	93.4	76.0	114.0
116	3.9	3.1	4.7





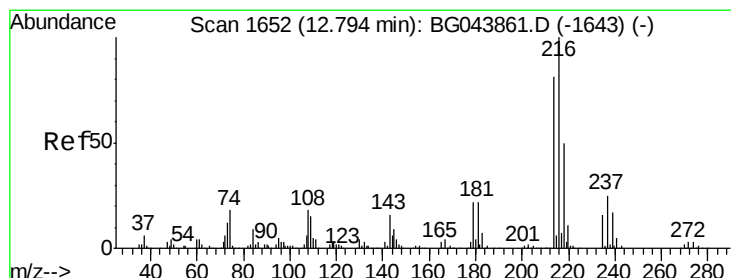
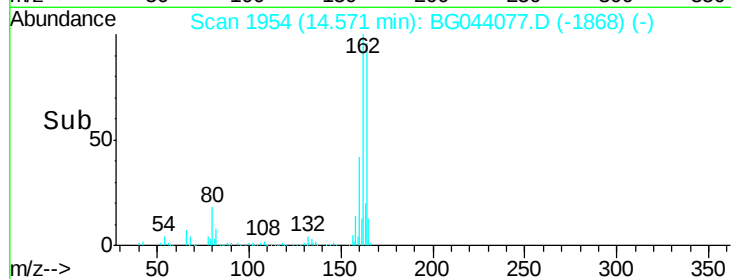
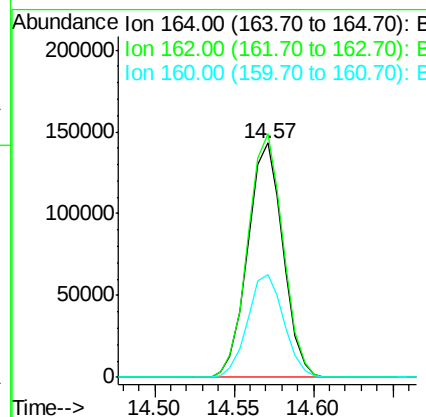
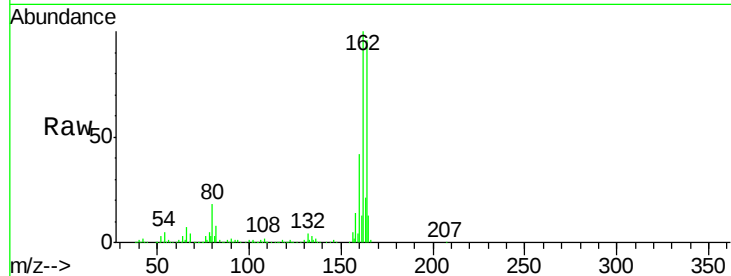
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.57 min Scan# 1954
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
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Tot Ion	Ratio	Resp	Lower	Upper
164	100	220775		
162	104.0	83.0	124.4	
160	43.7	36.1	54.1	

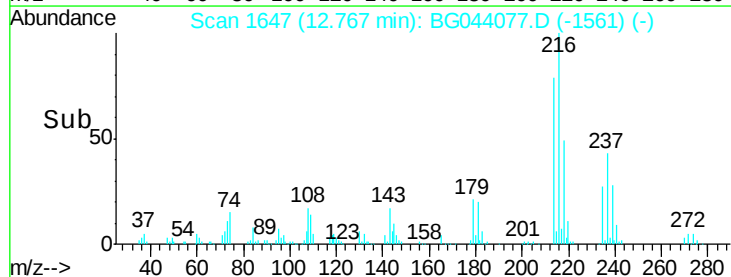
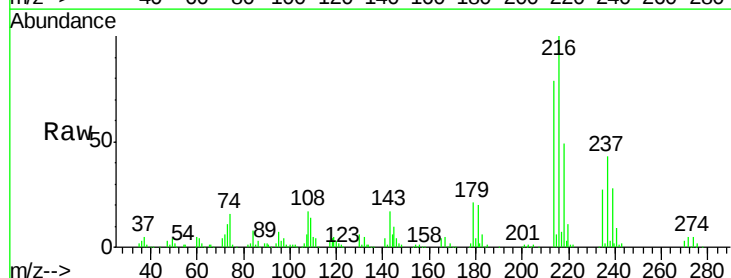
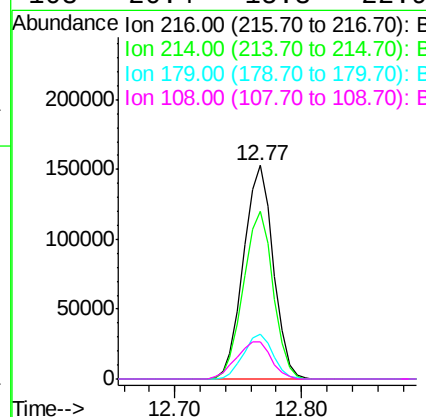
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.391 ng
RT: 12.77 min Scan# 1647
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
216	100	248425		
214	78.5	63.8	95.8	
179	21.0	17.3	25.9	
108	20.4	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 99.498 ng

RT: 12.75 min Scan# 1644

Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Instrument :

BNA_G

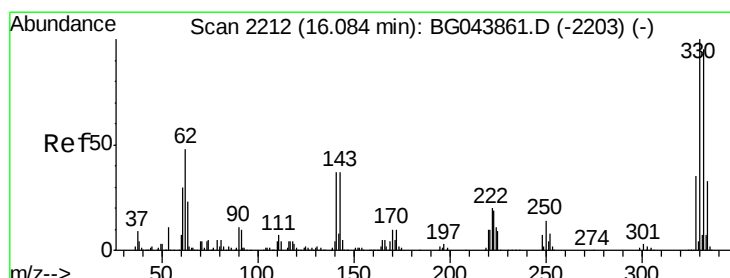
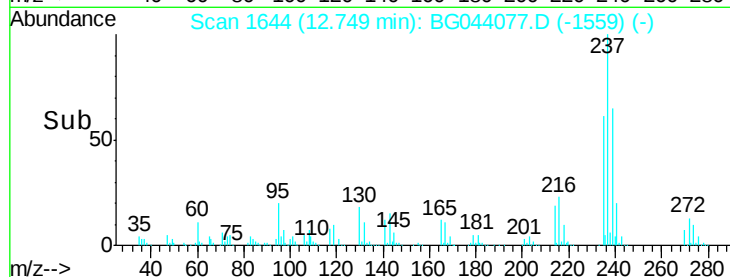
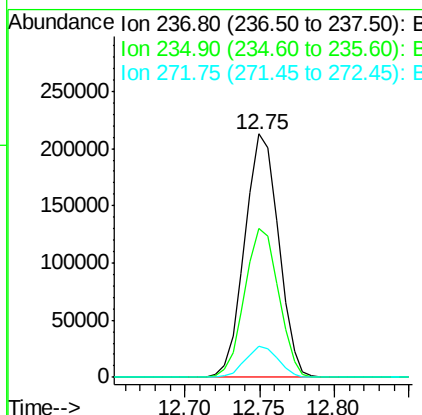
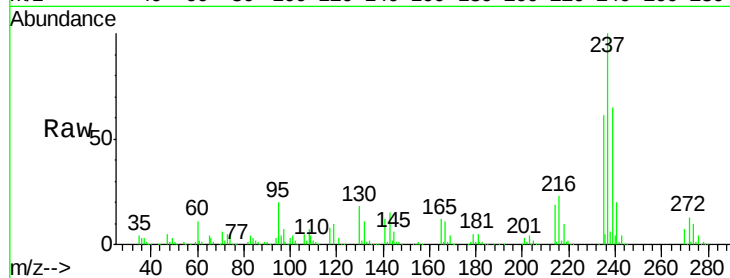
ClientSampleId :

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Tot Ion:	237	Resp:	333795
Ion Ratio	Lower	Upper	
237	100		
235	61.3	41.1	81.1
272	12.5	0.0	31.7

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#42

2,4,6-Tribromophenol

Concen: 144.744 ng

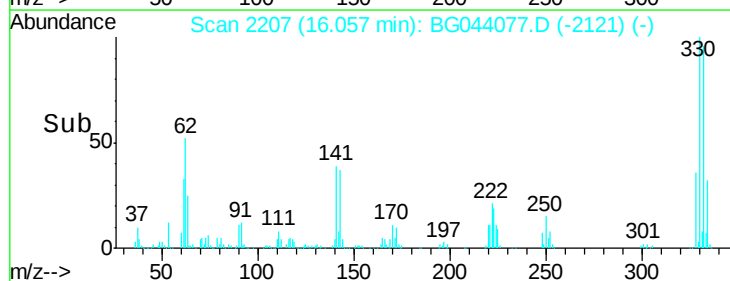
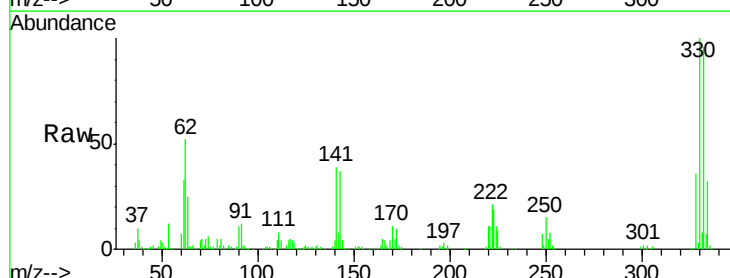
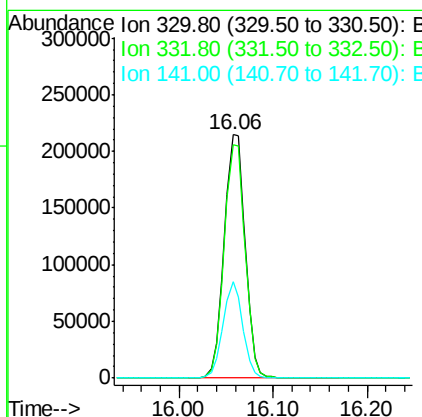
RT: 16.06 min Scan# 2207

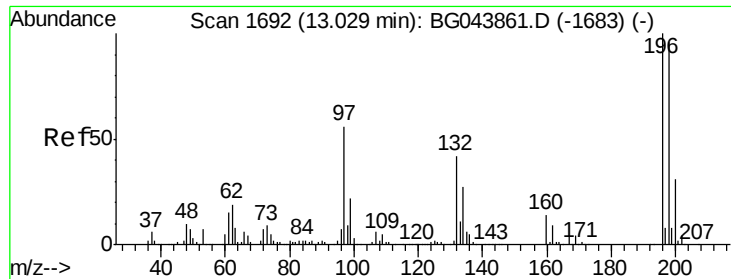
Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Tgt Ion:	330	Resp:	334411
Ion Ratio	Lower	Upper	
330	100		
332	96.2	77.2	115.8
141	37.2	33.1	49.7





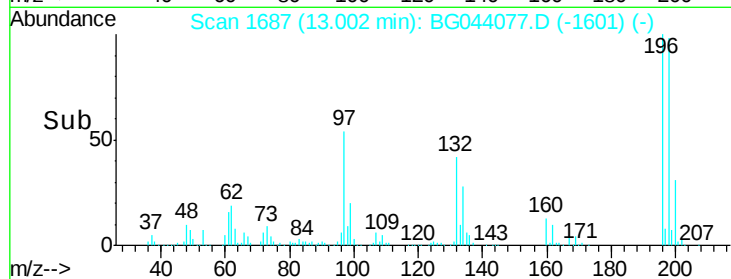
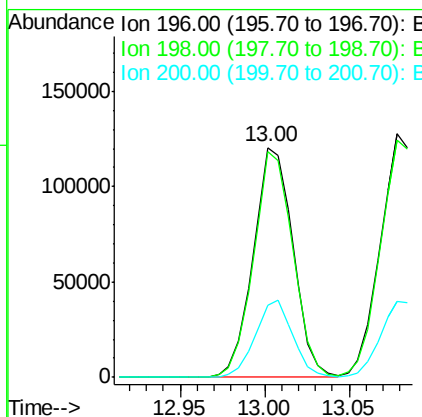
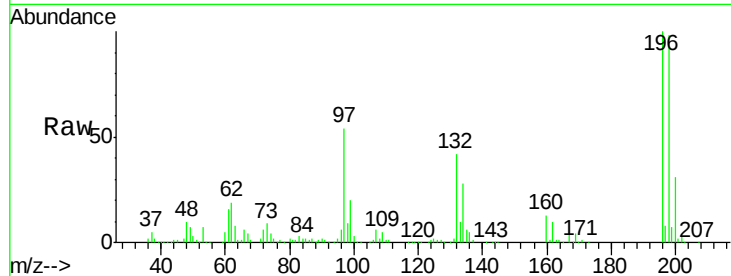
#43
 2,4,6-Trichlorophenol
 Concen: 44.371 ng
 RT: 13.00 min Scan# 1687
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 PB126138BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	197564		
198	98.0	76.6	115.0	
200	31.4	24.6	37.0	

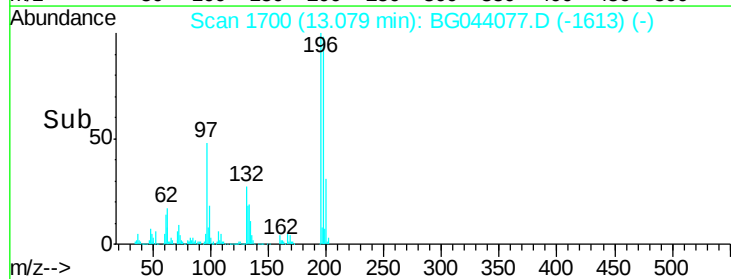
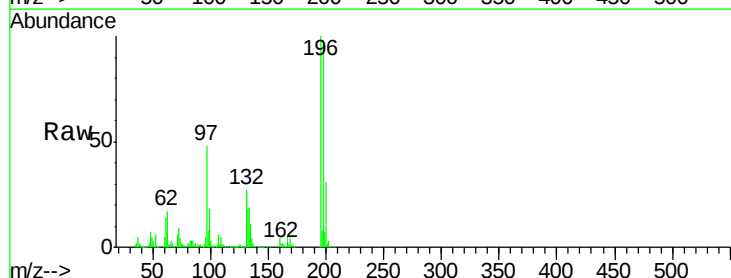
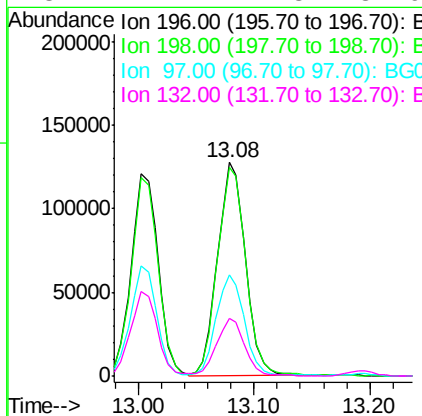
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#44
 2,4,5-Trichlorophenol
 Concen: 46.435 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.02 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	213241		
198	97.7	78.3	117.5	
97	47.5	38.8	58.2	
132	27.1	21.3	31.9	





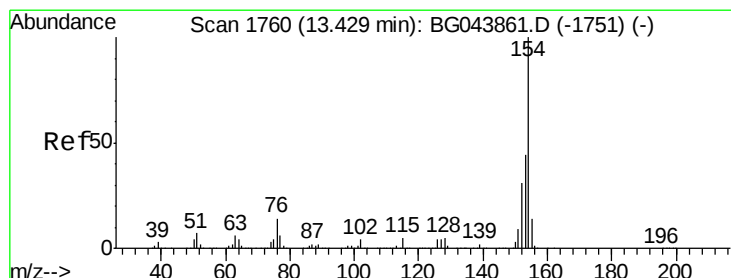
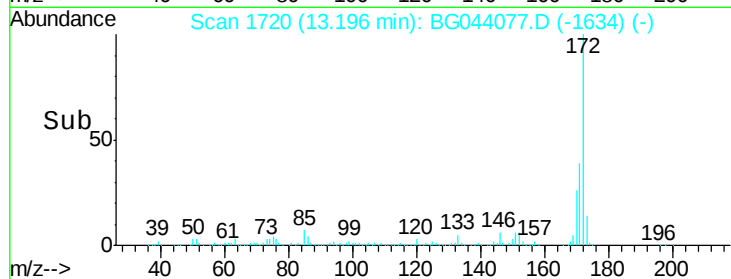
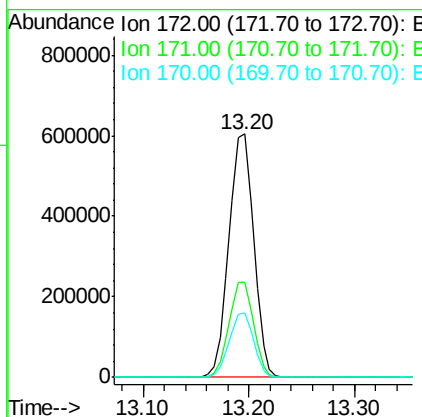
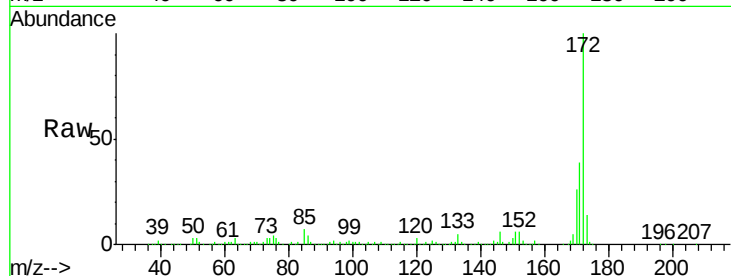
#45
2-Fluorobiphenyl
Concen: 80.278 ng
RT: 13.20 min Scan# 1720
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	39.3	35.8	53.8
170	26.3	24.2	36.4

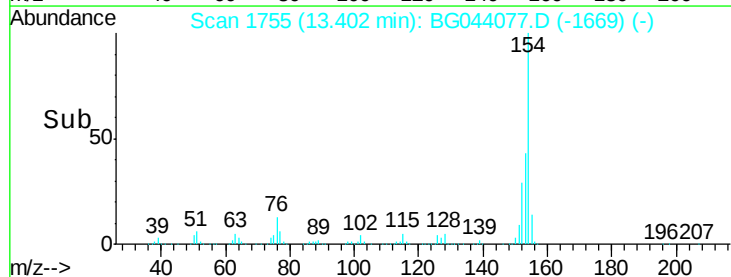
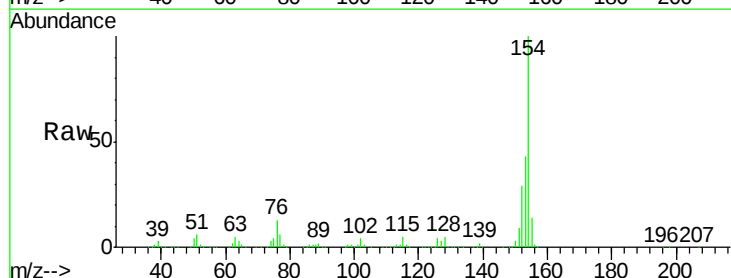
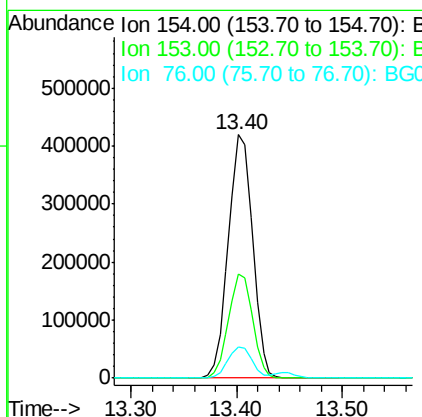
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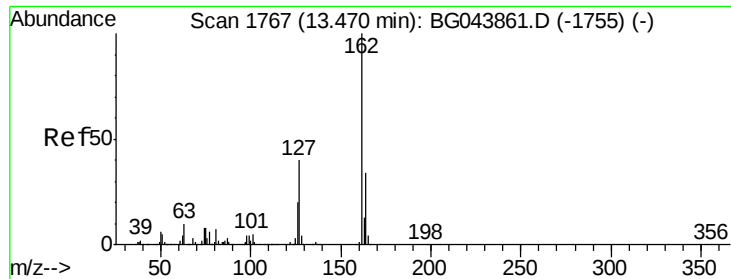
mohammad
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#46
1,1'-Biphenyl
Concen: 42.064 ng
RT: 13.40 min Scan# 1755
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
154	100		
153	42.8	23.6	63.6
76	12.7	0.0	34.4





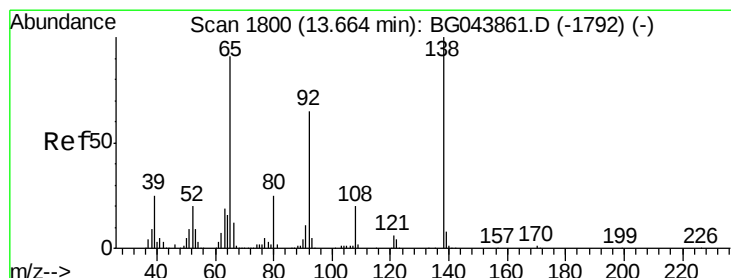
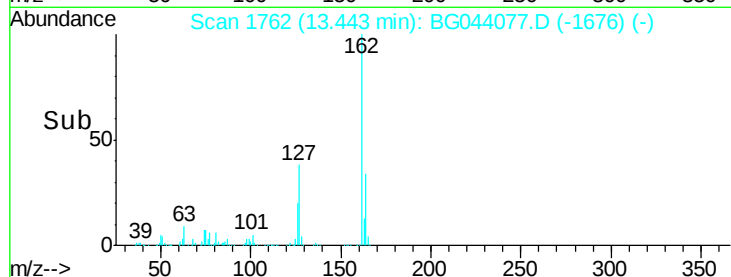
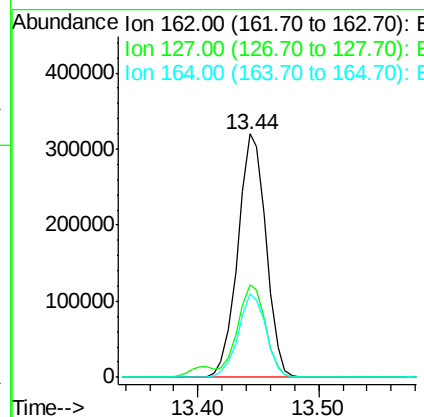
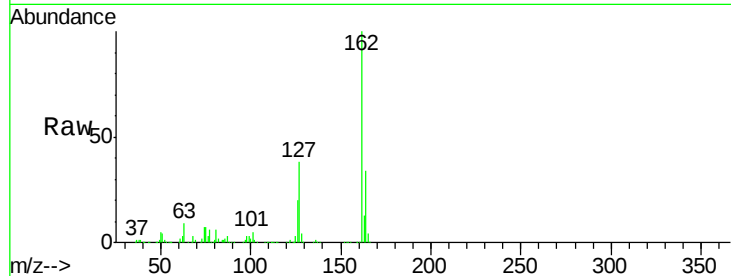
#47
 2-Chloronaphthalene
 Concen: 40.636 ng
 RT: 13.44 min Scan# 1762
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 PB126138BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	38.0	32.1	48.1
164	34.1	27.5	41.3

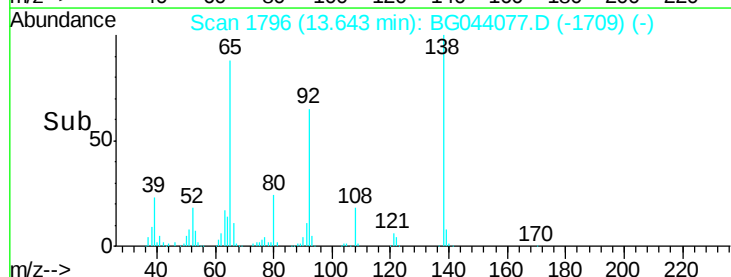
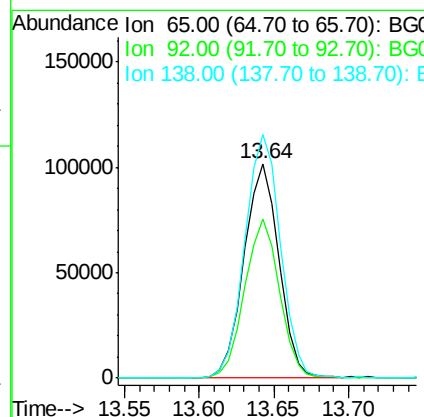
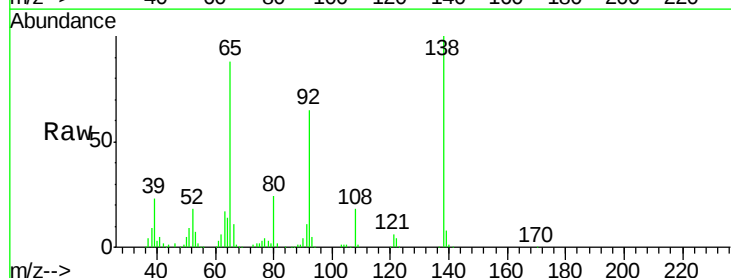
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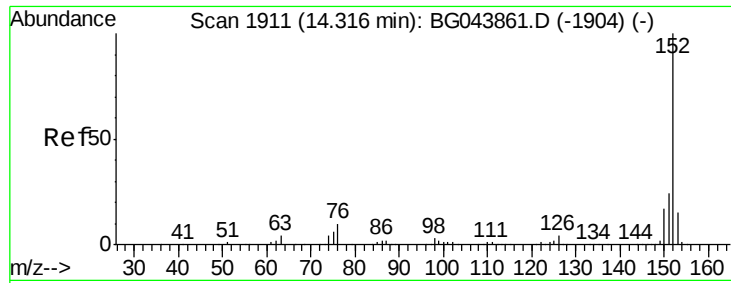
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#48
 2-Nitroaniline
 Concen: 40.237 ng
 RT: 13.64 min Scan# 1796
 Delta R.T. -0.02 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
65	100		
92	74.1	57.4	86.2
138	113.4	88.2	132.4





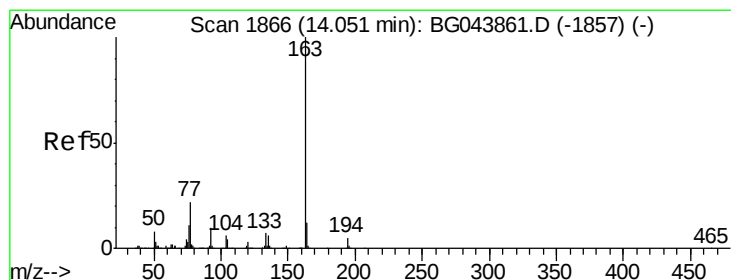
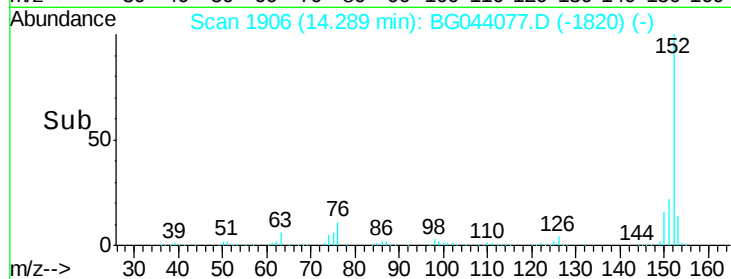
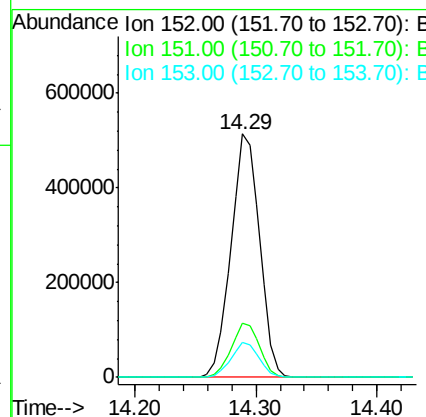
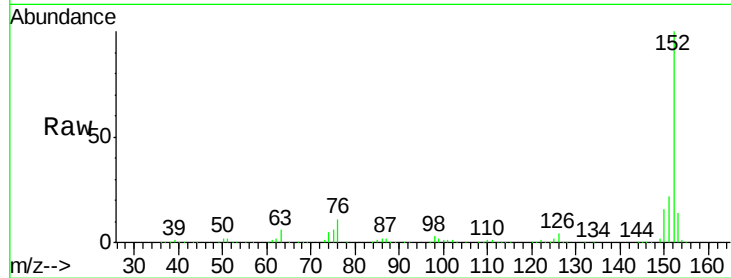
#49
Acenaphthylene
Concen: 45.783 ng
RT: 14.29 min Scan# 1906
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	22.0	19.4	29.2
153	14.1	12.0	18.0

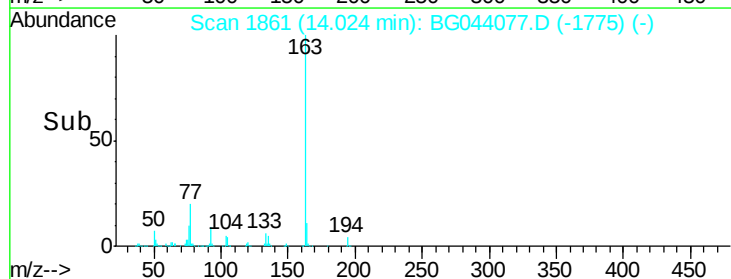
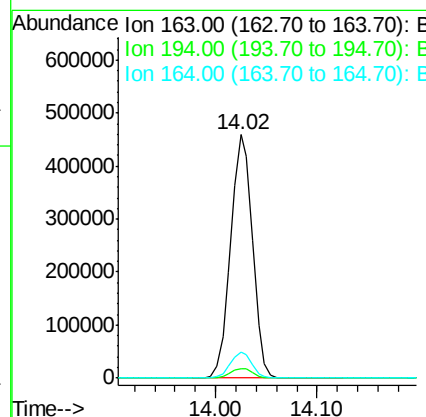
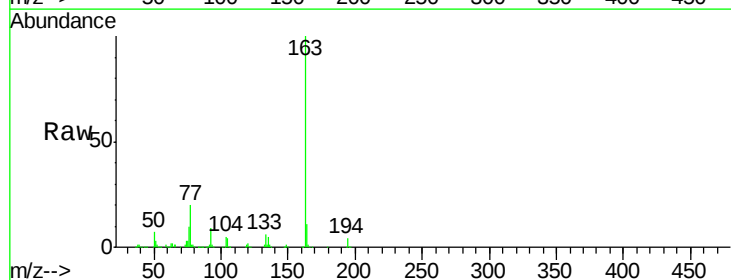
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#50
Dimethylphthalate
Concen: 43.644 ng
RT: 14.02 min Scan# 1861
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.0	3.7	5.5
164	10.8	9.3	13.9





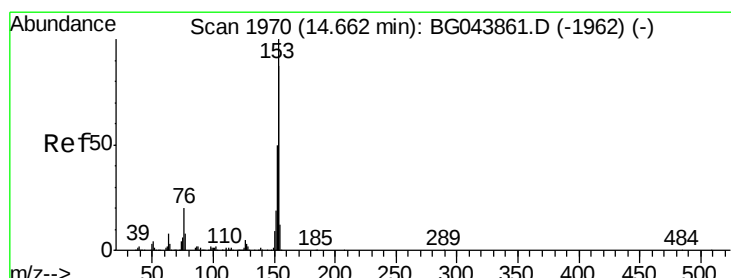
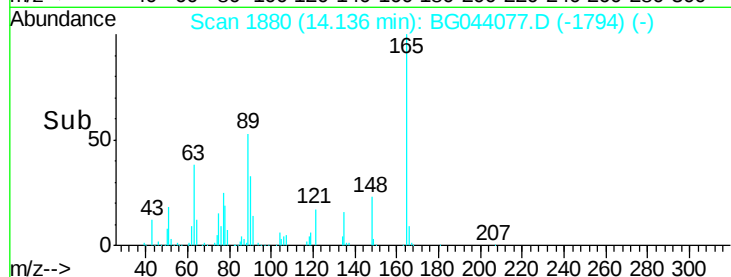
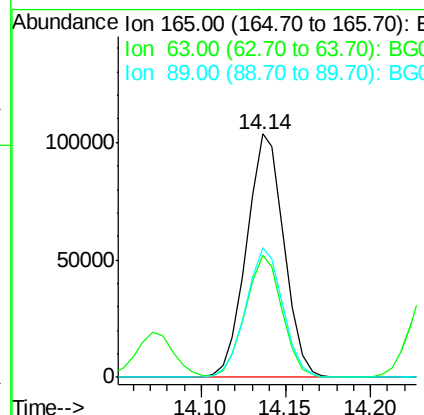
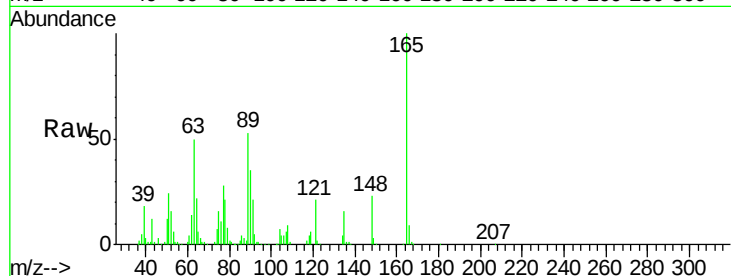
#51
2,6-Dinitrotoluene
Concen: 44.831 ng
RT: 14.14 min Scan# 1880
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	158841		
63	50.2	43.1	64.7	
89	53.3	43.8	65.6	

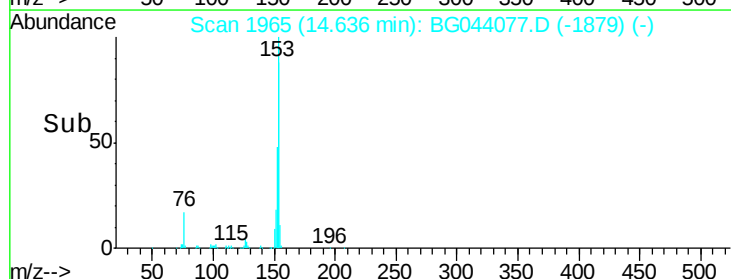
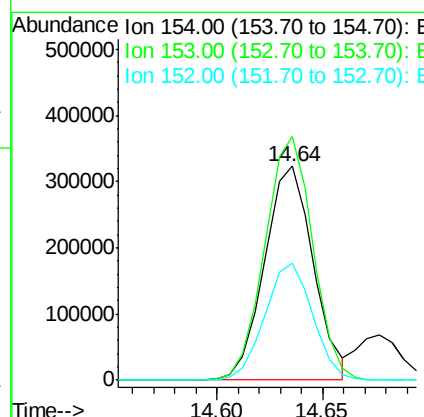
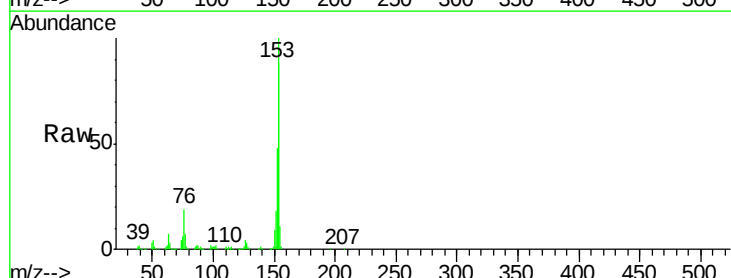
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#52
Acenaphthene
Concen: 40.264 ng
RT: 14.64 min Scan# 1965
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	519122		
153	113.9	91.6	137.4	
152	54.6	45.4	68.0	





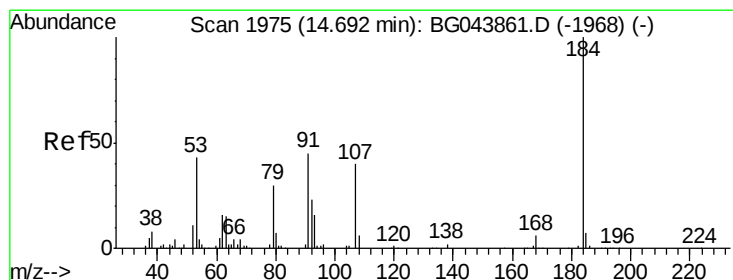
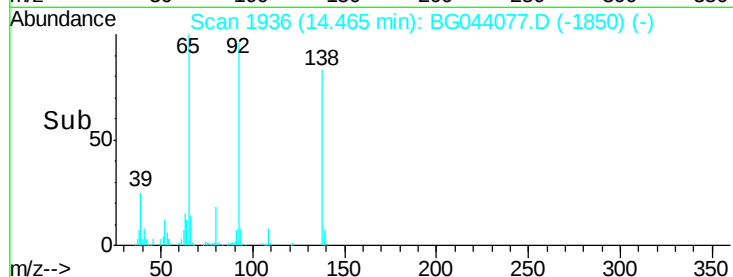
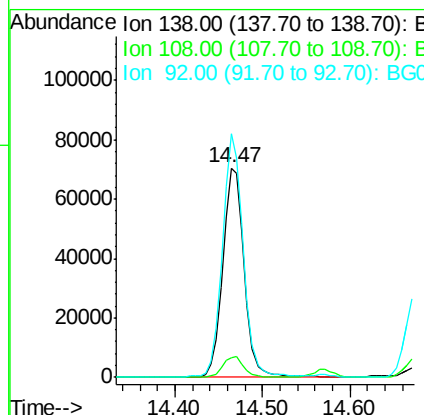
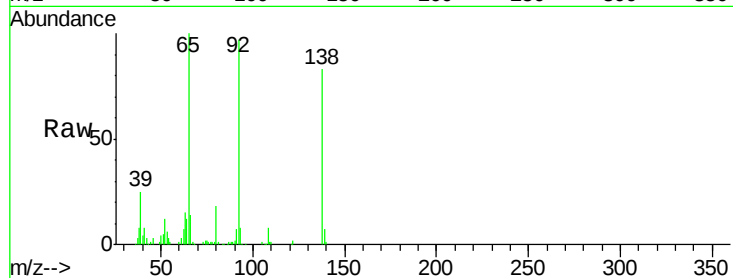
#53
3-Nitroaniline
Concen: 29.670 ng
RT: 14.47 min Scan# 1936
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampled :
PB126138BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.1	7.4	11.2
92	116.2	92.1	138.1

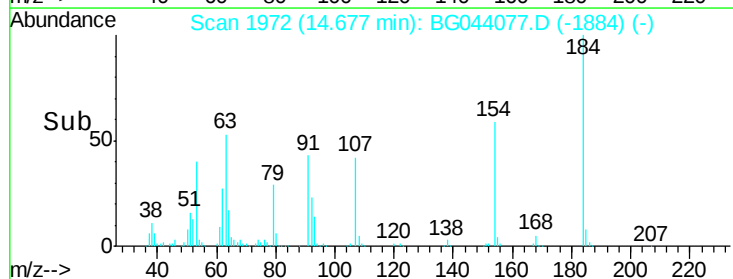
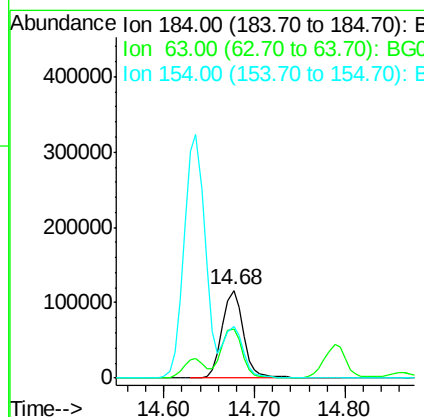
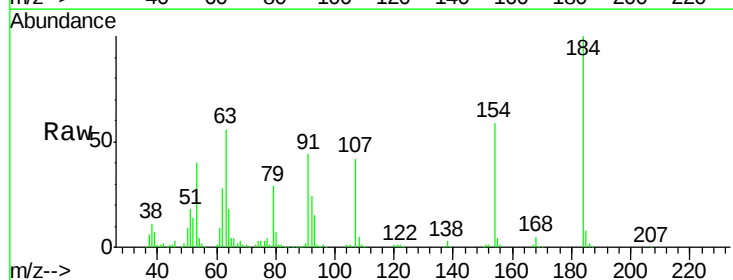
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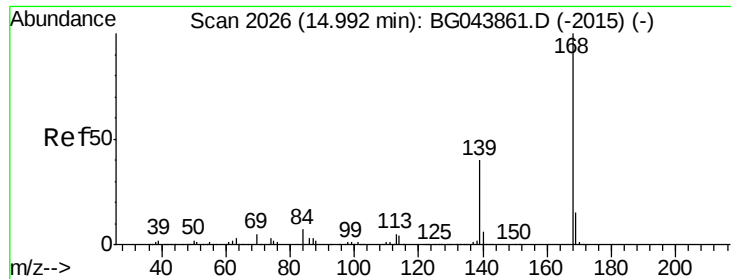
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#54
2,4-Dinitrophenol
Concen: 104.568 ng
RT: 14.68 min Scan# 1972
Delta R.T. -0.01 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
184	100		
63	56.5	46.6	70.0
154	59.2	50.2	75.4





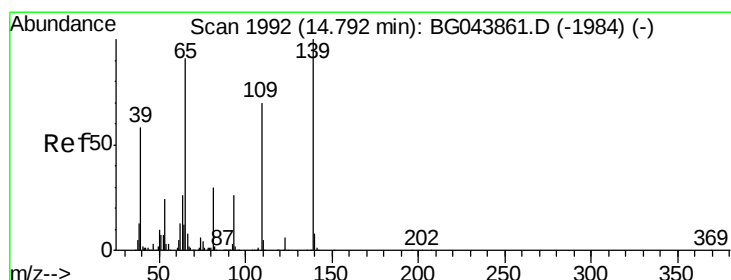
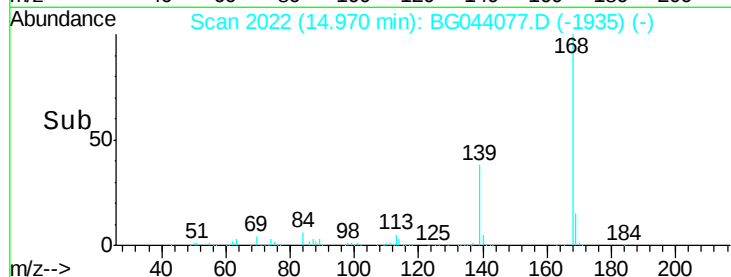
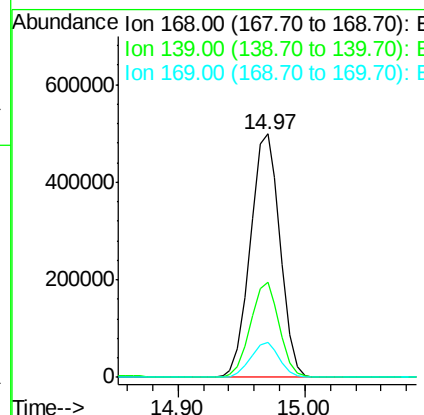
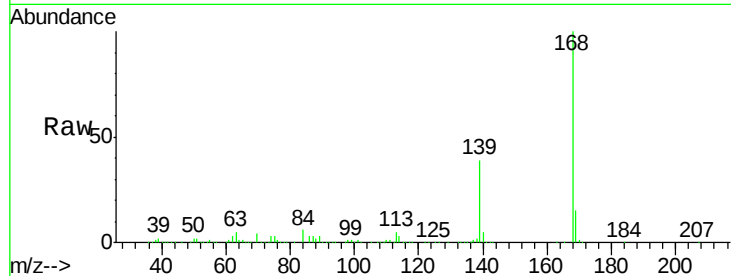
#55
Dibenzenofuran
Concen: 45.711 ng
RT: 14.97 min Scan# 2022
Delta R.T. -0.02 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	32.2	48.2
169	14.6	12.2	18.2

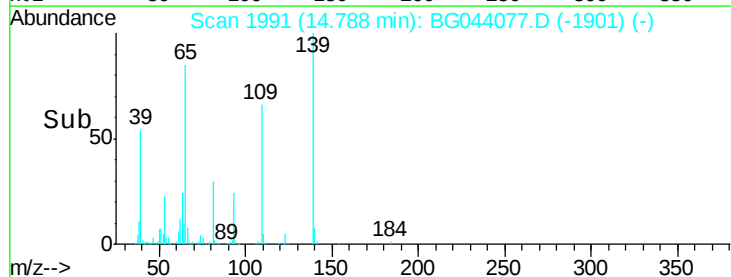
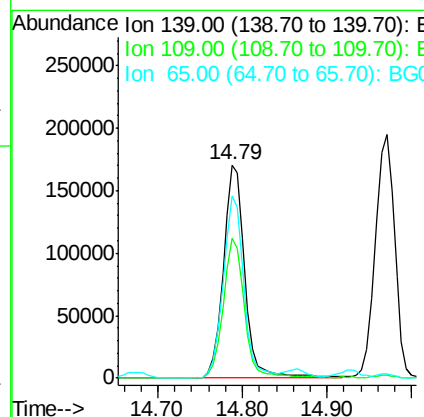
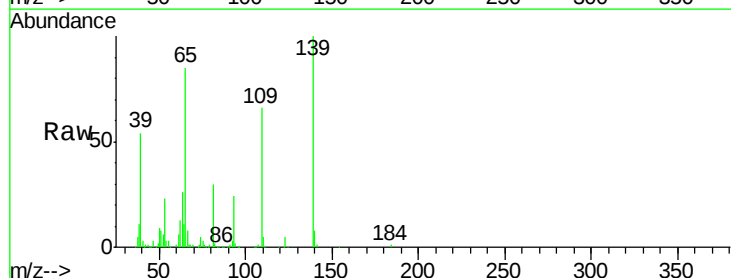
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#56
4-Nitrophenol
Concen: 97.966 ng
RT: 14.79 min Scan# 1991
Delta R.T. -0.00 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
139	100		
109	65.8	50.4	90.4
65	85.4	71.4	111.4





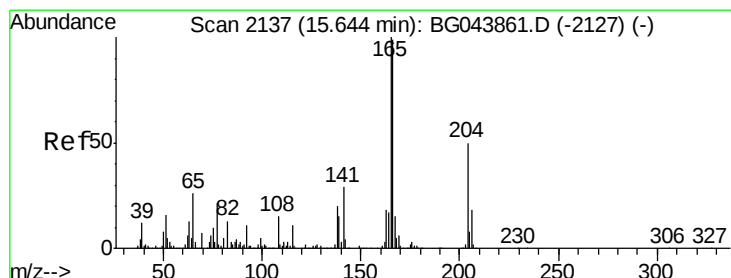
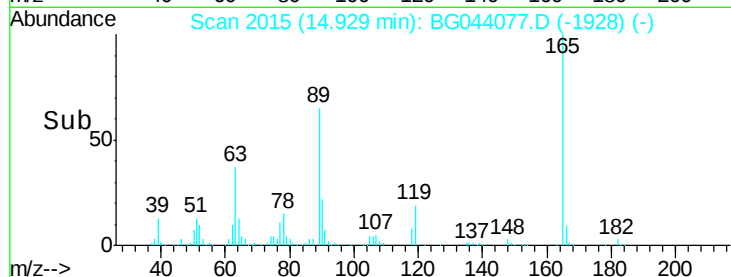
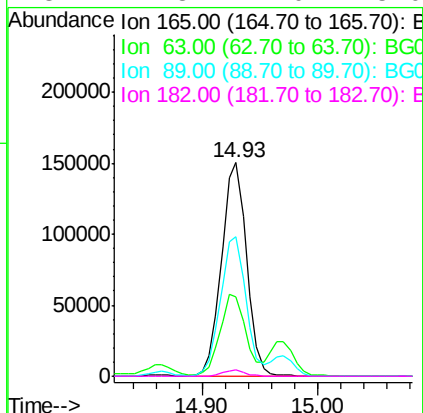
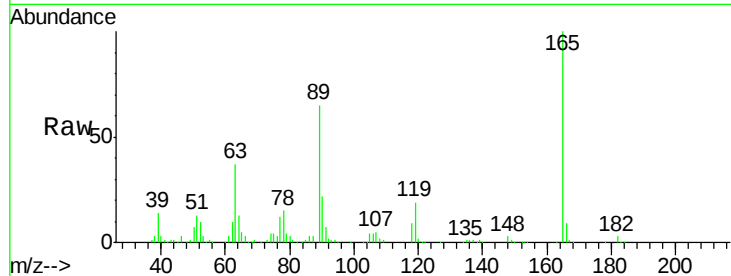
#57
2,4-Dinitrotoluene
Concen: 46.847 ng
RT: 14.93 min Scan# 2015
Delta R.T. -0.02 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	225856		
63	37.0		31.9	47.9
89	65.2		53.8	80.6
182	2.8		2.0	3.0

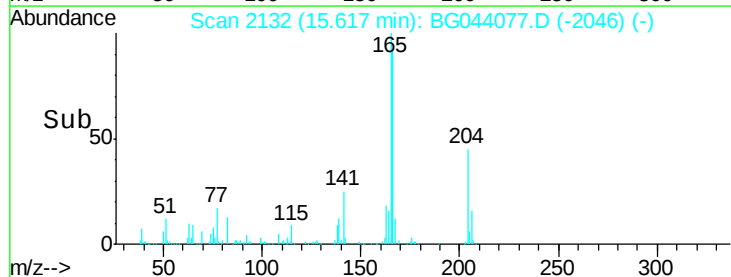
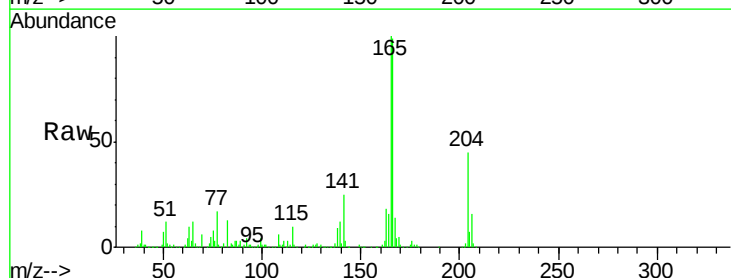
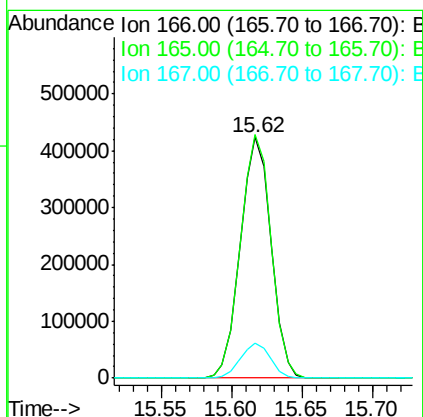
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#58
Fluorene
Concen: 45.804 ng
RT: 15.62 min Scan# 2132
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	644348		
165	101.2		80.8	121.2
167	14.5		12.1	18.1





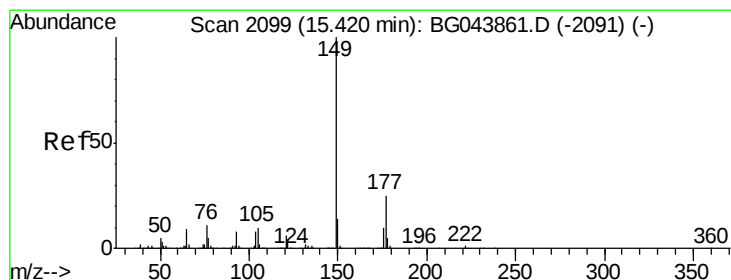
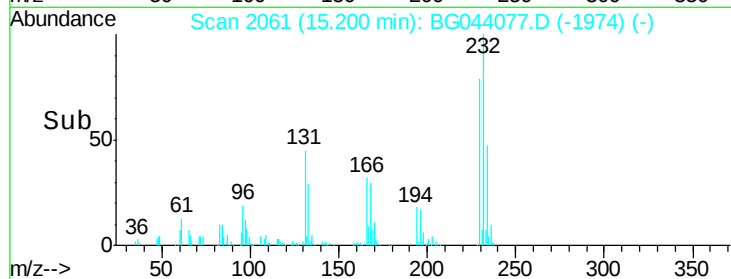
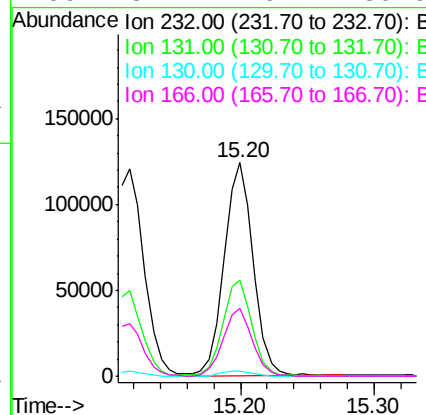
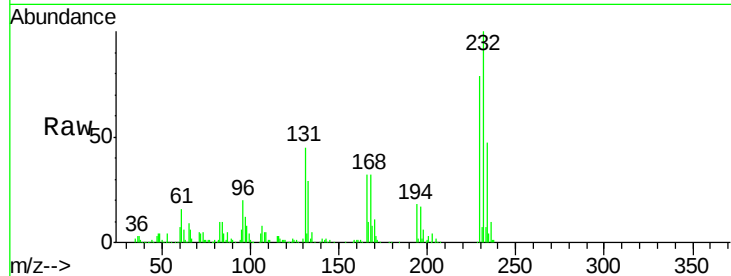
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.840 ng
 RT: 15.20 min Scan# 2061
 Delta R.T. -0.02 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 PB126138BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		188911		
131	45.1	38.2	57.2		
130	2.6	2.2	3.2		
166	31.7	26.4	39.6		

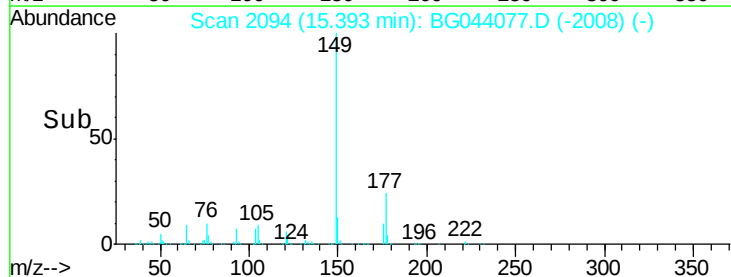
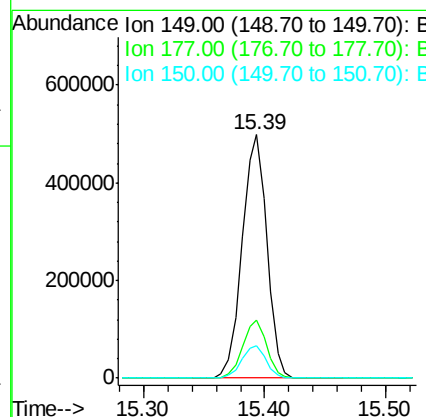
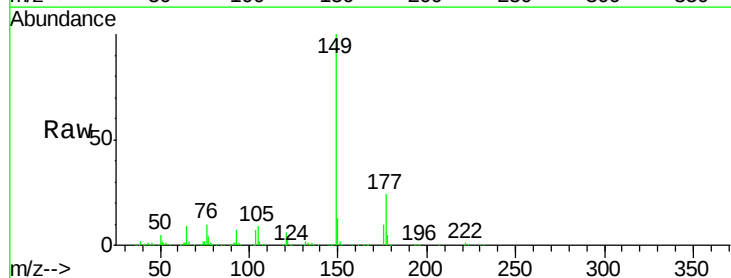
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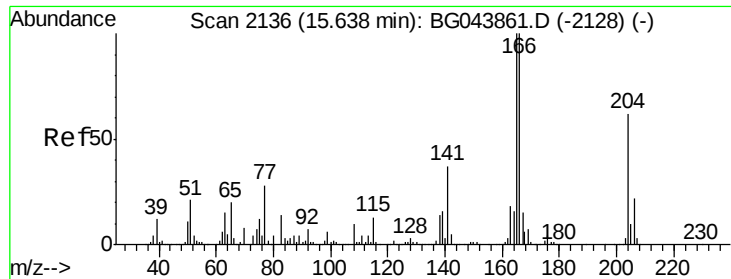
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#60
 Diethylphthalate
 Concen: 45.359 ng
 RT: 15.39 min Scan# 2094
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		711175		
177	24.1	20.0	30.0		
150	13.3	11.1	16.7		





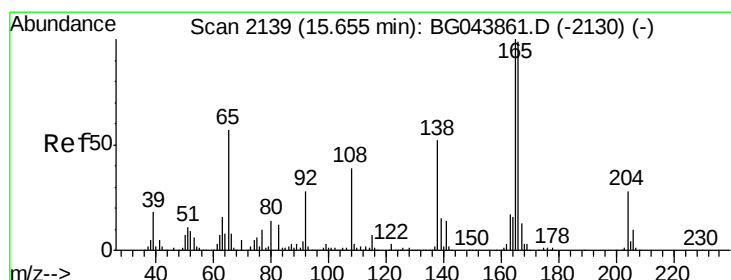
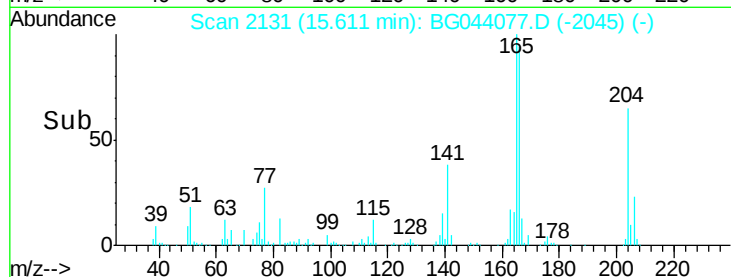
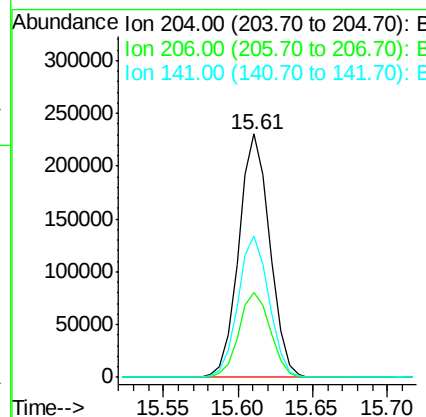
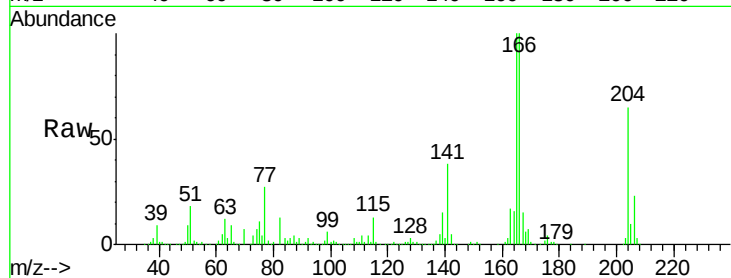
#61
4-Chlorophenyl-phenylether
Concen: 43.537 ng
RT: 15.61 min Scan# 2131
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.8	28.2	42.2
141	58.2	48.2	72.2

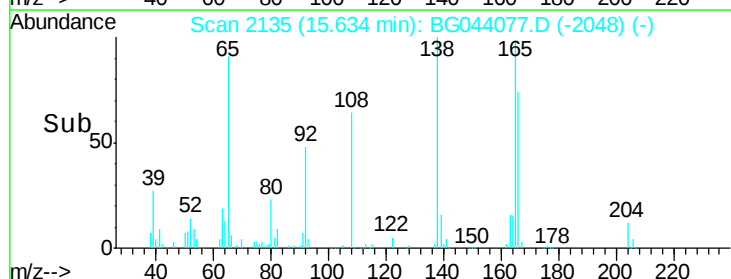
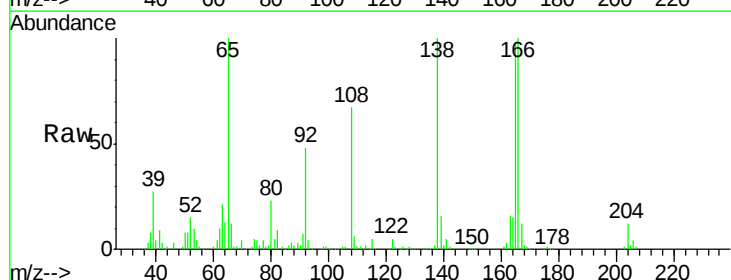
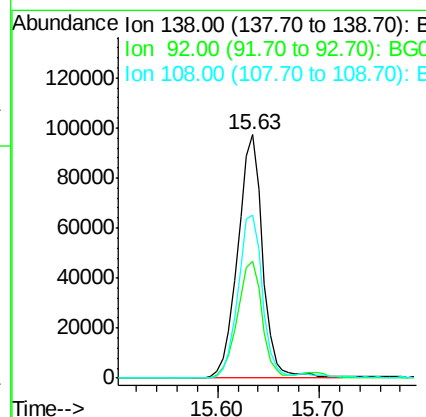
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#62
4-Nitroaniline
Concen: 41.736 ng
RT: 15.63 min Scan# 2135
Delta R.T. -0.02 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
138	100		
92	47.8	34.3	74.3
108	67.0	55.0	95.0





#63

Azobenzene

Concen: 44.372 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Instrument :

BNA_G

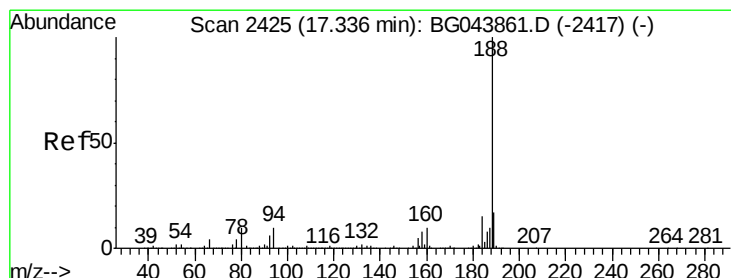
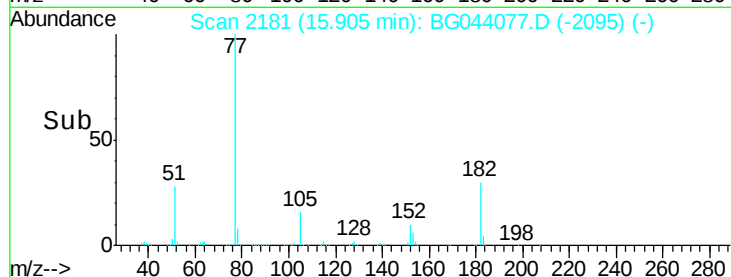
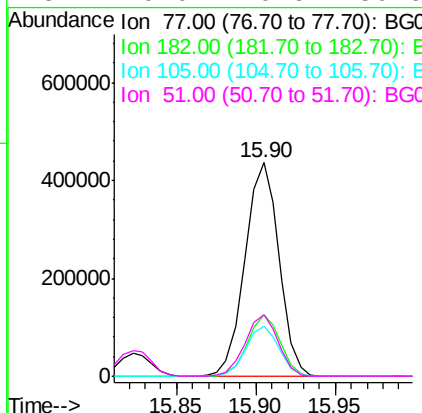
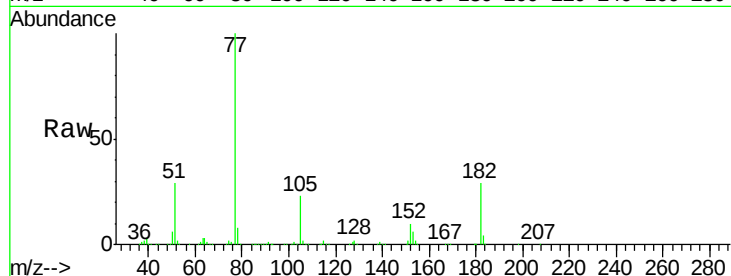
ClientSampleId :

PB126138BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
182	28.6	7.3	47.3		
105	23.3	3.2	43.2		
51	29.0	10.6	50.6		

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#64

Phenanthrene-d10

Concen: 20.000 ng

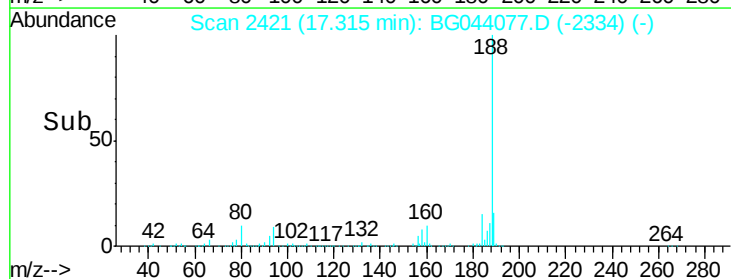
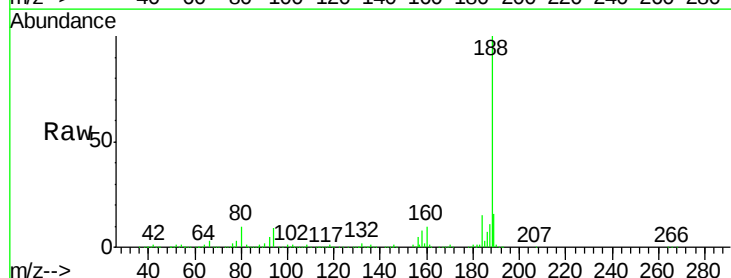
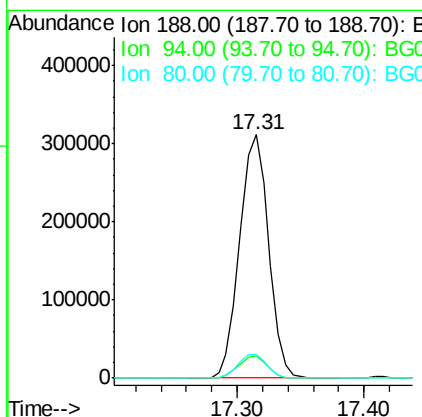
RT: 17.31 min Scan# 2421

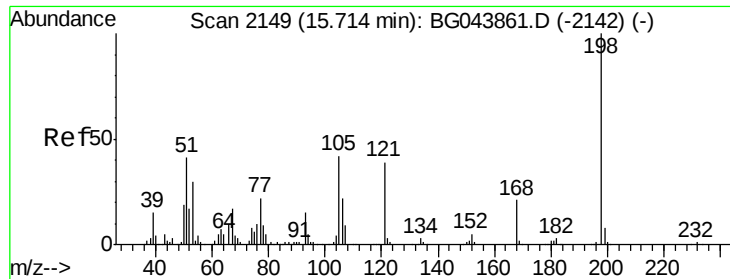
Delta R.T. -0.02 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100				
94	9.4	7.9	11.9		
80	9.7	8.2	12.4		





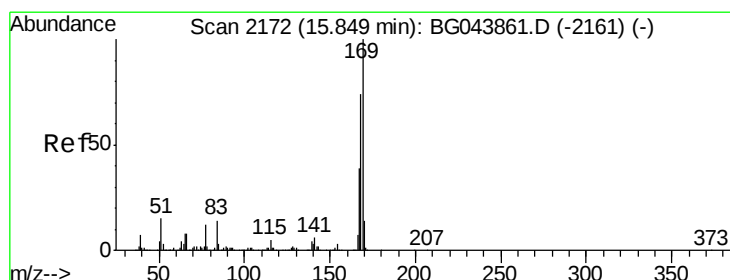
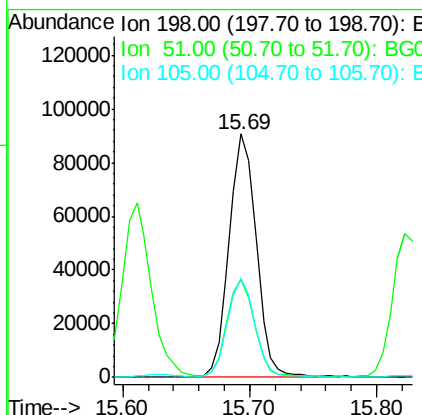
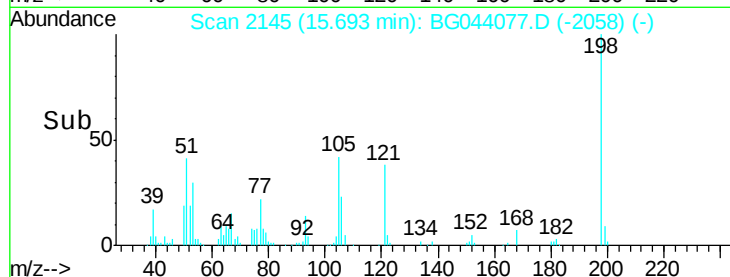
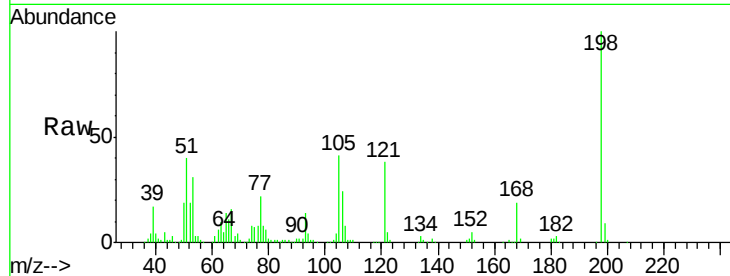
#65
4,6-Dinitro-2-methylphenol
Concen: 52.655 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.02 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	135077		
51	39.9	22.5	62.5	
105	40.8	22.3	62.3	

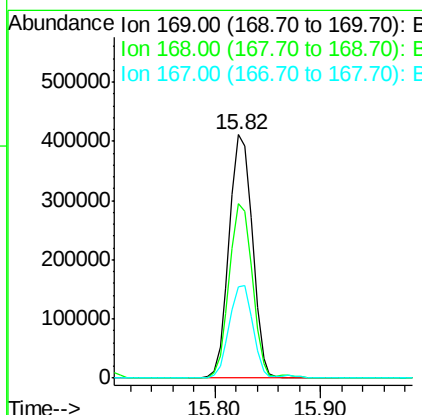
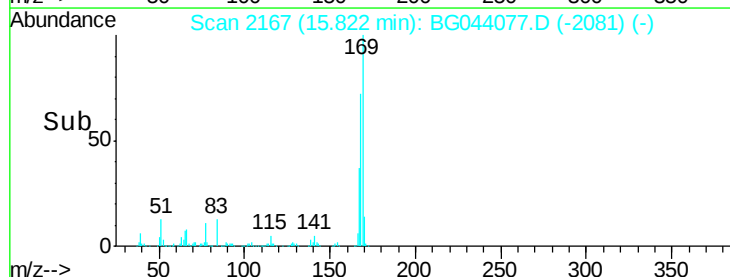
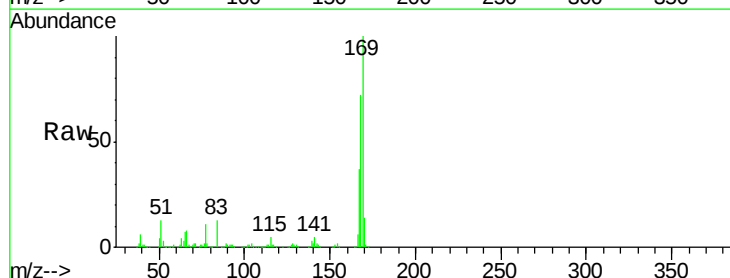
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#66
n-Nitrosodiphenylamine
Concen: 42.997 ng
RT: 15.82 min Scan# 2167
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	624886		
168	71.6	59.0	88.6	
167	37.5	31.4	47.0	





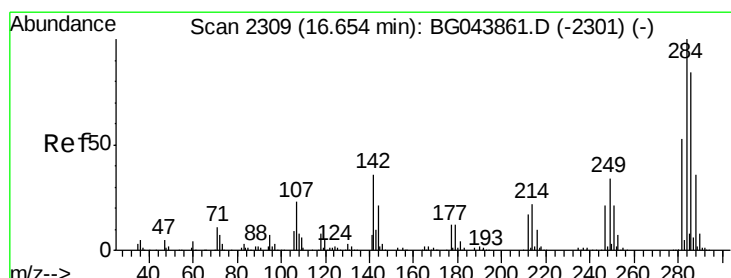
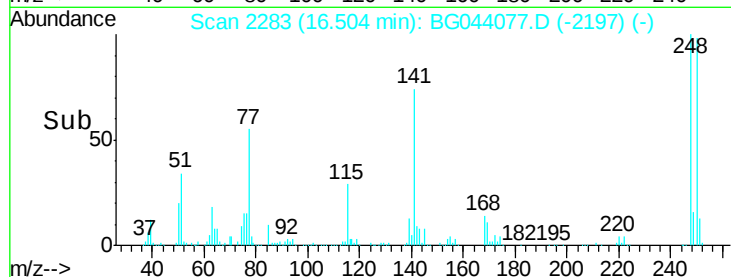
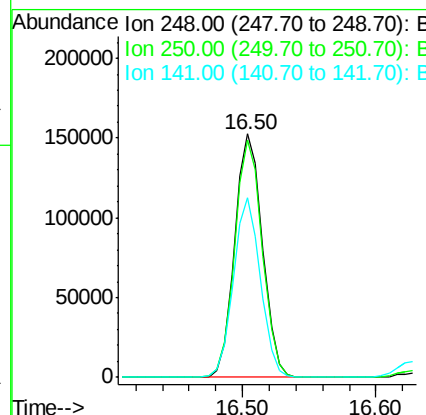
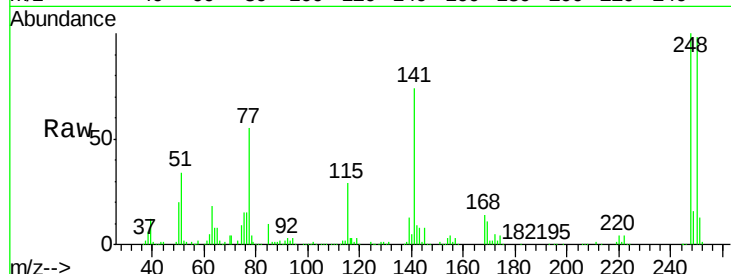
#67
 4-Bromophenyl-phenylether
 Concen: 39.830 ng
 RT: 16.50 min Scan# 2283
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 PB126138BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	97.5	78.2	117.2
141	73.7	59.3	88.9

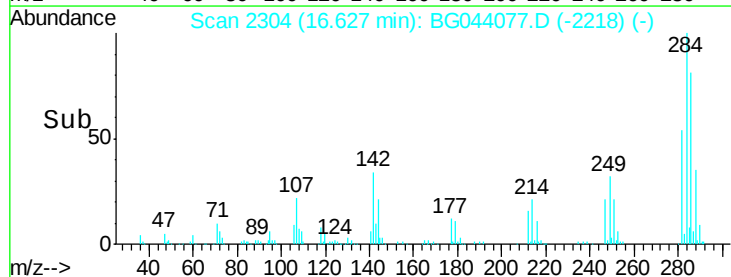
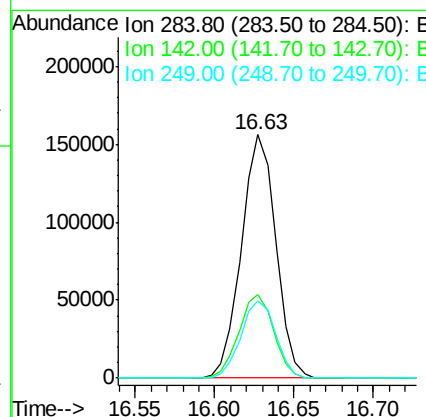
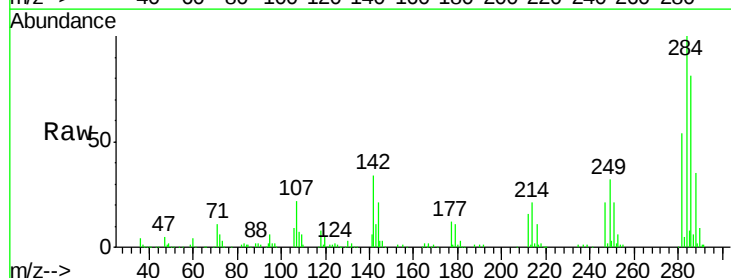
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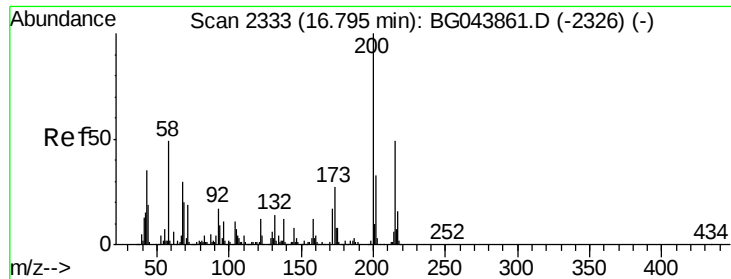
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#68
 Hexachlorobenzene
 Concen: 39.287 ng
 RT: 16.63 min Scan# 2304
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
284	100		
142	34.1	28.6	43.0
249	31.8	27.0	40.6





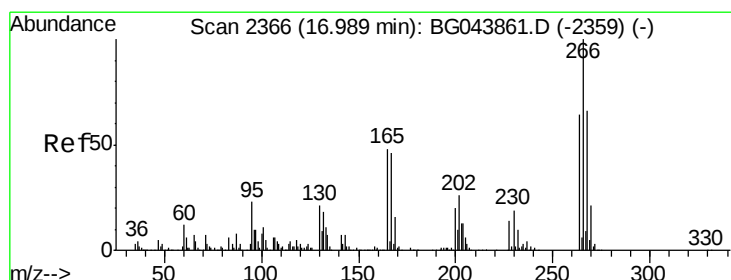
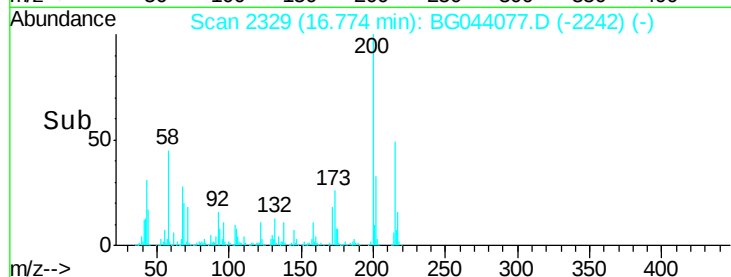
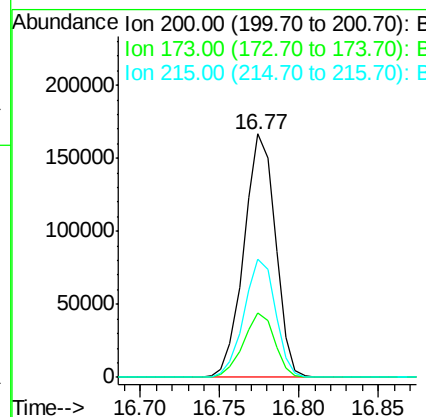
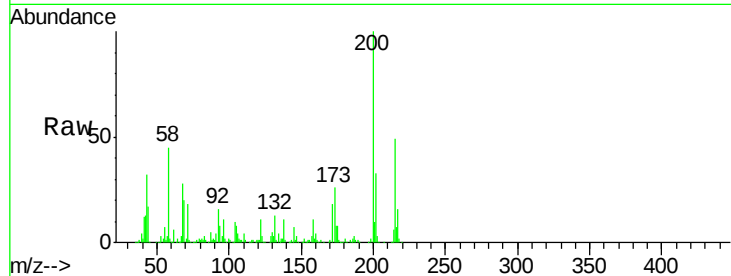
#69
Atrazine
Concen: 48.627 ng
RT: 16.77 min Scan# 2329
Delta R.T. -0.02 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	229714		
173	26.2	6.6	46.6	
215	48.7	28.6	68.6	

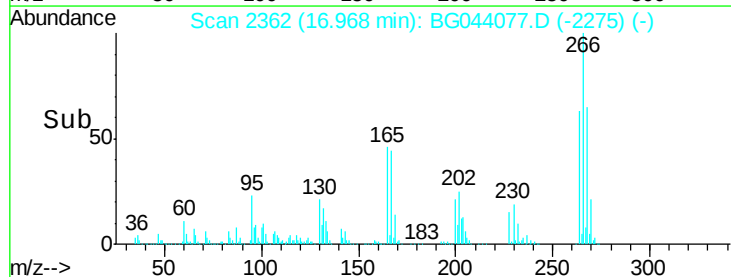
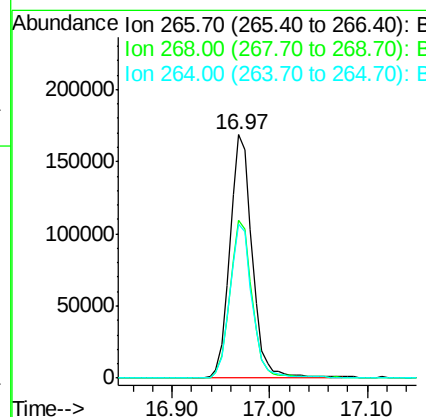
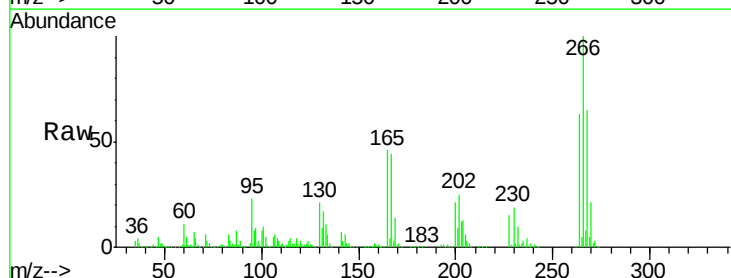
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#70
Pentachlorophenol
Concen: 81.121 ng
RT: 16.97 min Scan# 2362
Delta R.T. -0.02 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	267449		
268	65.0	52.6	79.0	
264	63.4	50.8	76.2	





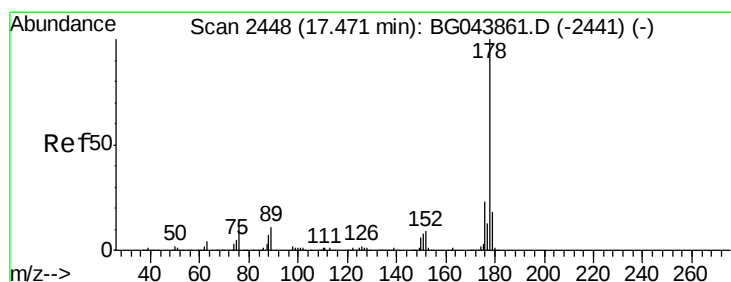
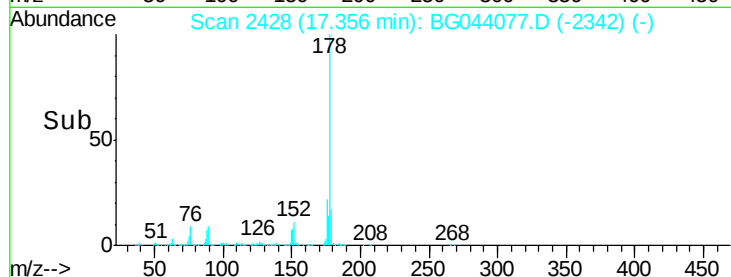
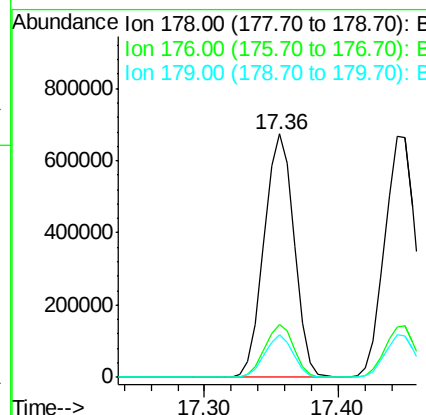
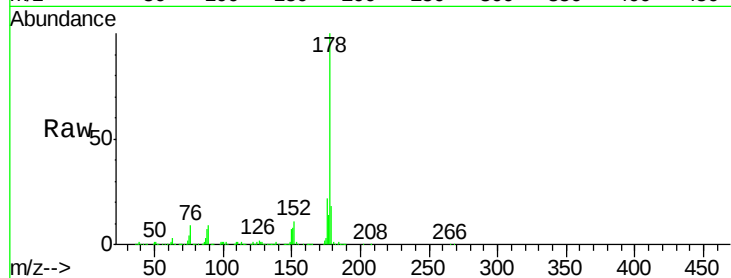
#71
Phenanthrene
Concen: 44.336 ng
RT: 17.36 min Scan# 2428
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tot Ion:178 Resp: 1049477
Ion Ratio Lower Upper
178 100
176 21.9 18.6 28.0
179 17.5 14.4 21.6

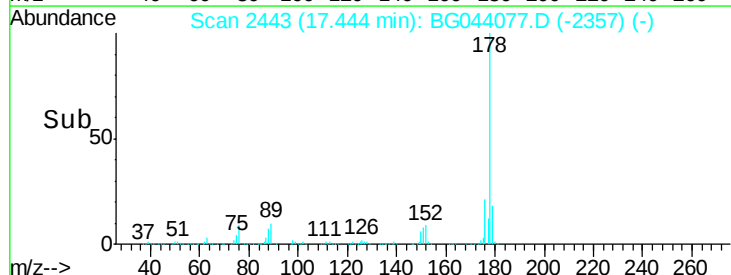
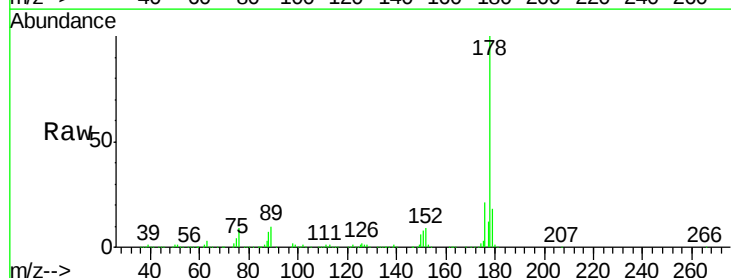
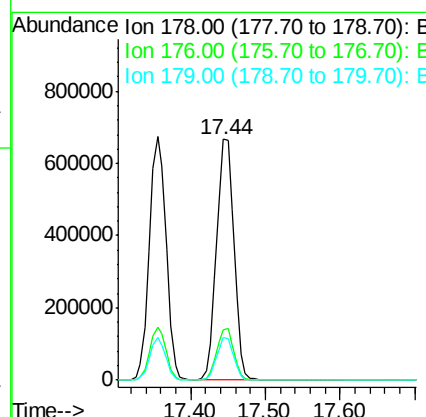
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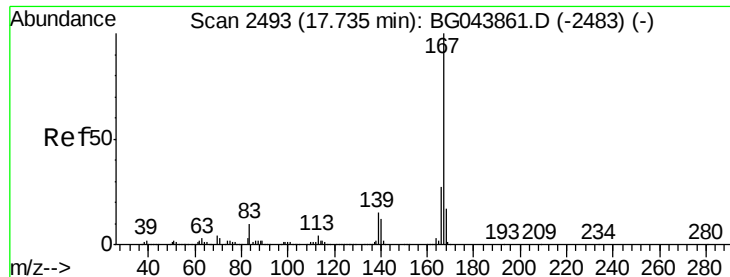
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#72
Anthracene
Concen: 46.139 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion:178 Resp: 1079366
Ion Ratio Lower Upper
178 100
176 21.1 18.3 27.5
179 17.5 14.6 22.0





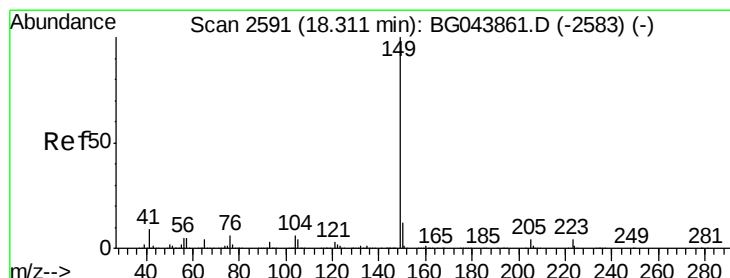
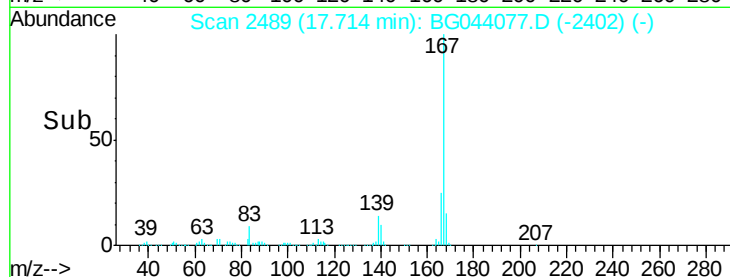
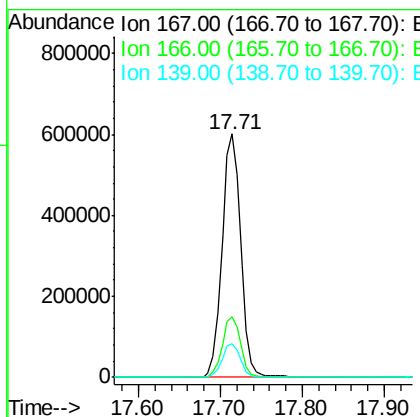
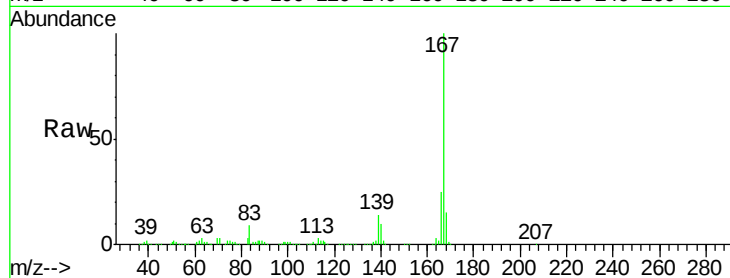
#73
 Carbazole
 Concen: 44.158 ng
 RT: 17.71 min Scan# 2489
 Delta R.T. -0.02 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 PB126138BSD

Tot Ion	Ratio	Lower	Upper
167	100		
166	24.9	21.6	32.4
139	14.1	12.1	18.1

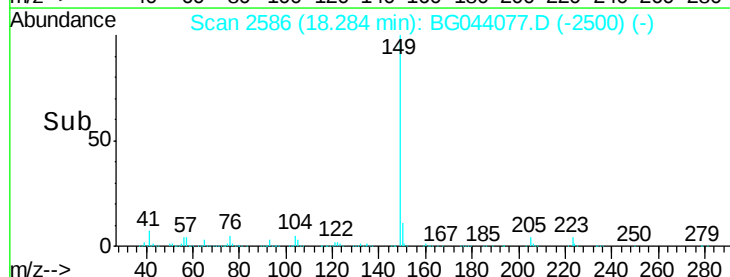
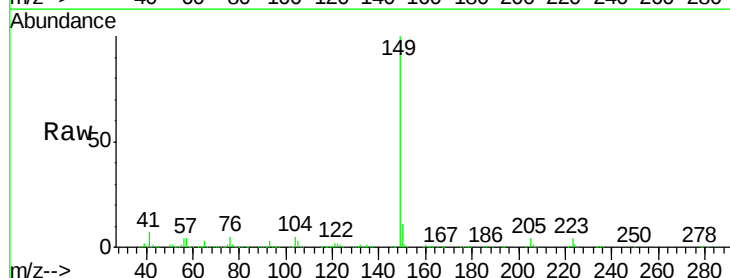
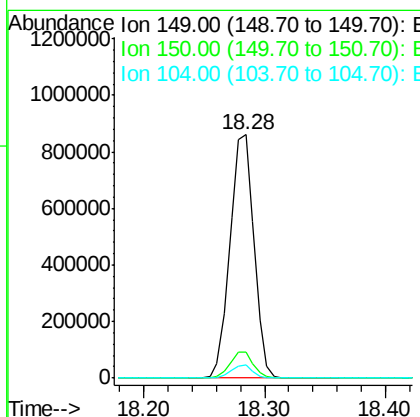
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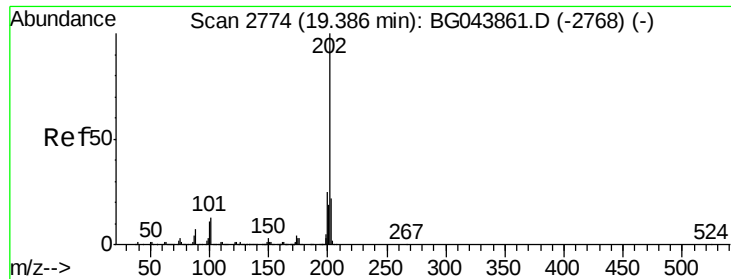
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#74
 Di-n-butylphthalate
 Concen: 43.136 ng
 RT: 18.28 min Scan# 2586
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
149	100		
150	10.5	9.7	14.5
104	5.3	5.0	7.4





#75

Fluoranthene

Concen: 43.912 ng

RT: 19.37 min Scan# 2770

Delta R.T. -0.02 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Instrument :

BNA_G

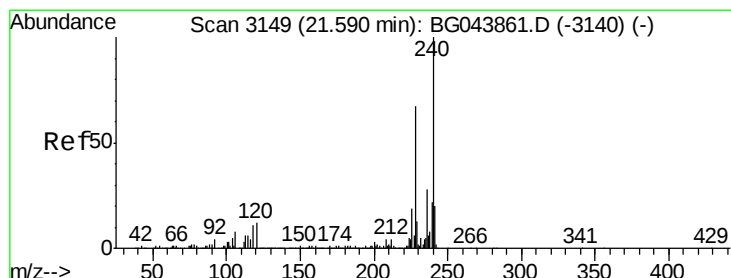
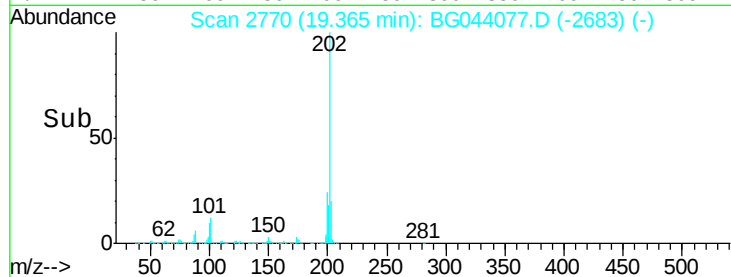
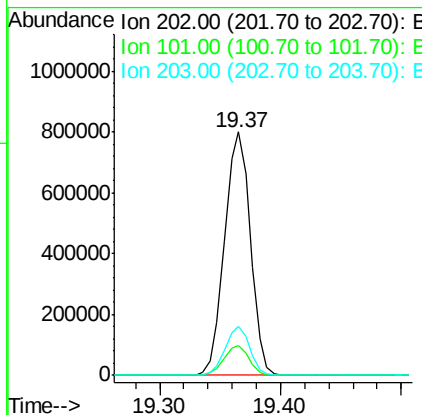
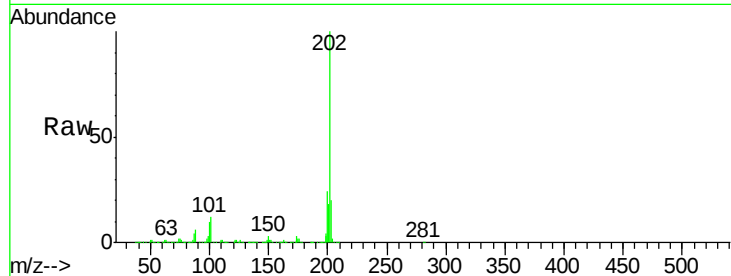
ClientSampleId :

PB126138BSD

Tot Ion	Ratio	Lower	Upper
202	100		
101	12.1	0.0	33.3
203	20.0	1.6	41.6

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#76

Chrysene-d12

Concen: 20.000 ng

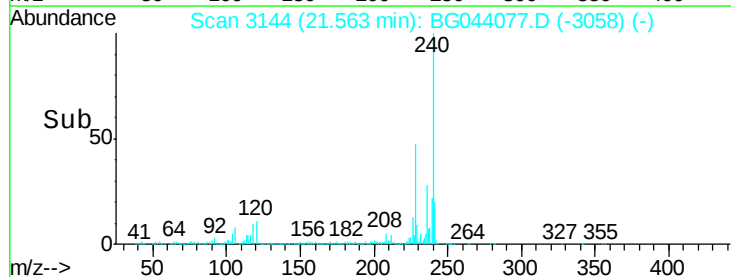
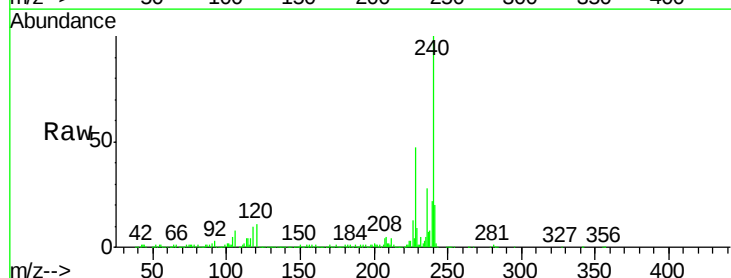
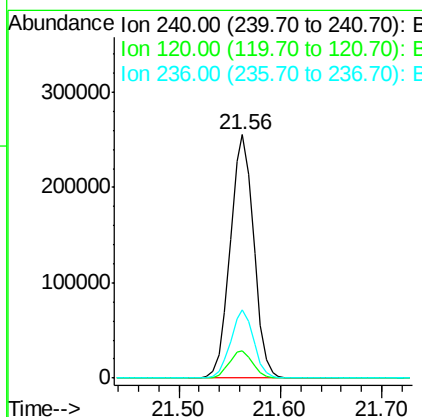
RT: 21.56 min Scan# 3144

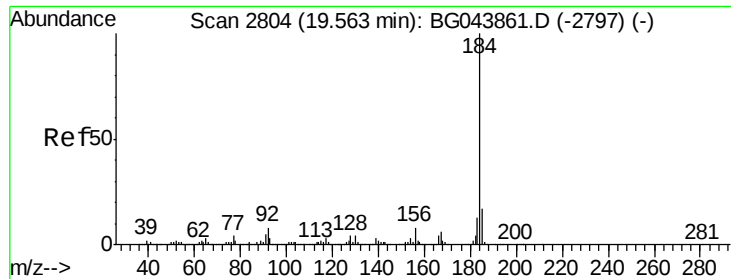
Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
240	100		
120	11.3	9.6	14.4
236	27.9	22.2	33.2





#77

Benzidine

Concen: 48.255 ng

RT: 19.54 min Scan# 2800

Delta R.T. -0.02 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Instrument :

BNA_G

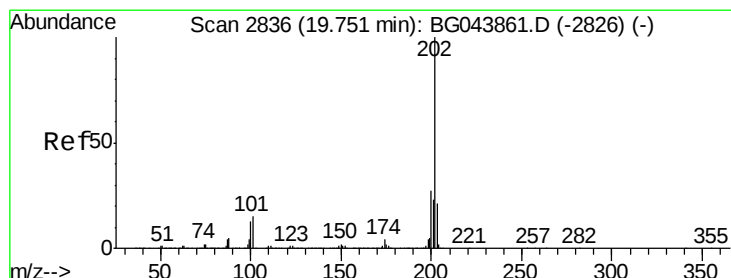
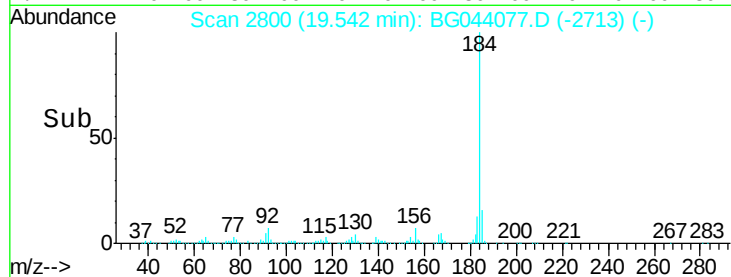
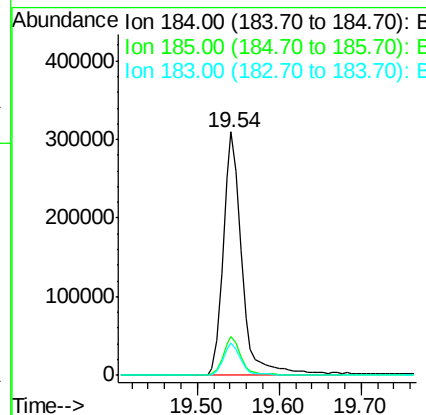
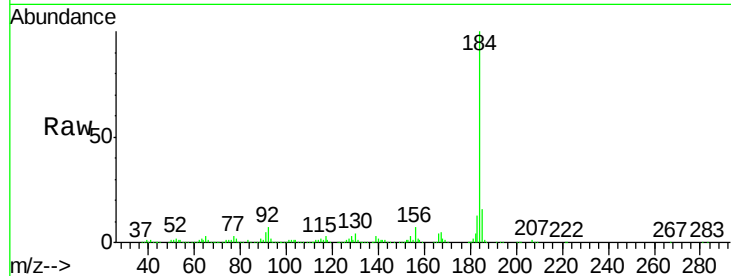
ClientSampleId :

PB126138BSD

Tot Ion	Ratio	Resp	Lower	Upper
184	100	497218		
185	16.1		13.4	20.0
183	13.3		10.6	15.8

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#78

Pyrene

Concen: 44.667 ng

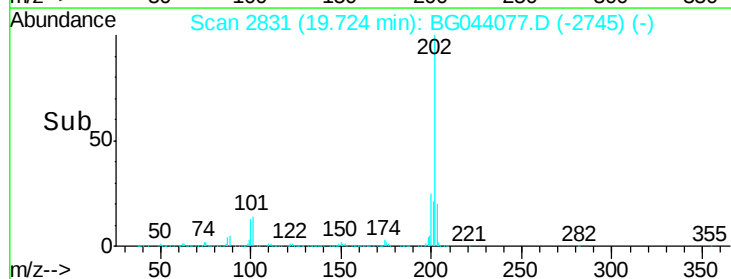
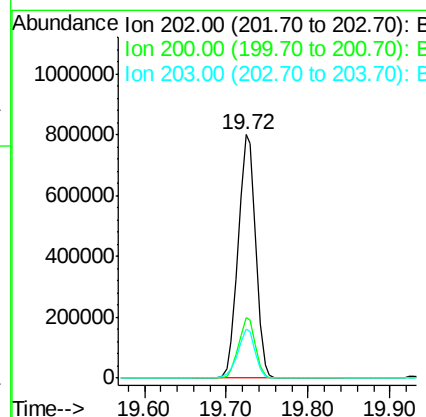
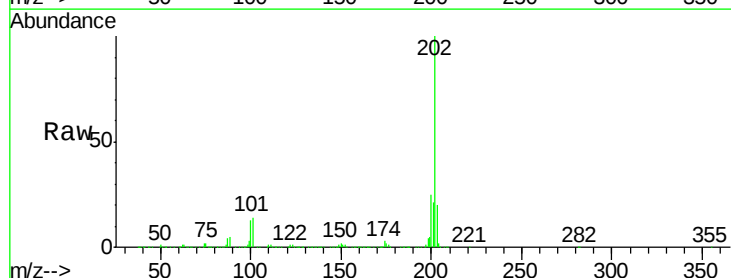
RT: 19.72 min Scan# 2831

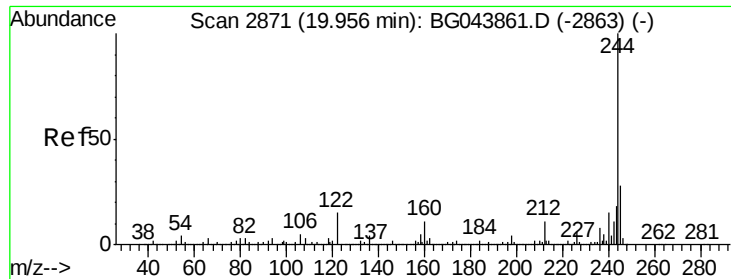
Delta R.T. -0.03 min

Lab File: BG044077.D

Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Resp	Lower	Upper
202	100	1195191		
200	24.7		21.7	32.5
203	20.1		17.0	25.6





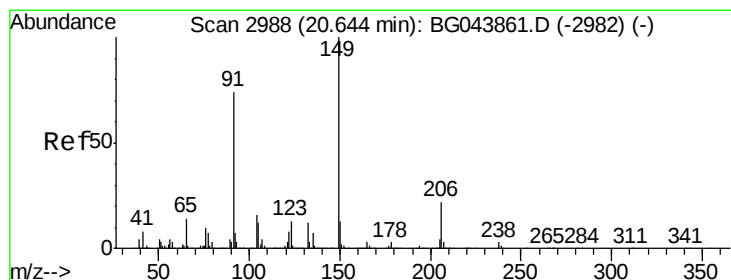
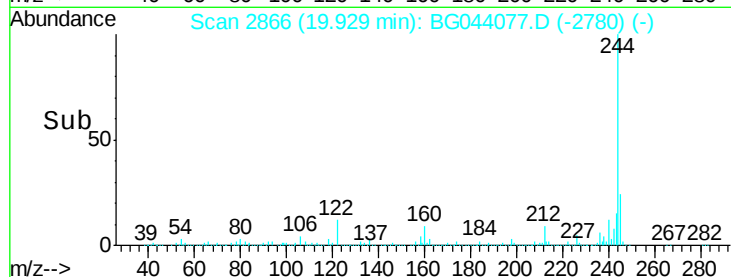
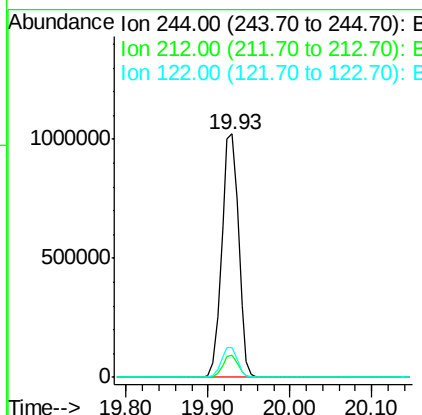
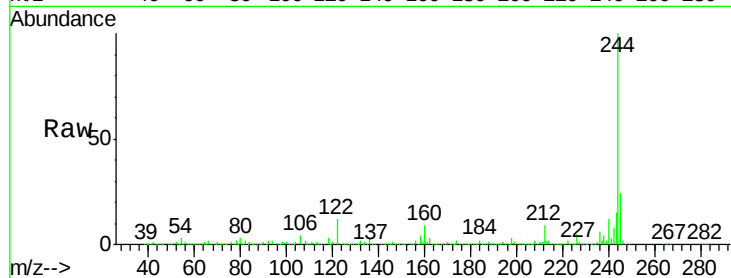
#79
 Terphenyl-d14
 Concen: 86.142 ng
 RT: 19.93 min Scan# 2866
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 PB126138BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.1	8.6	13.0
122	12.1	11.9	17.9

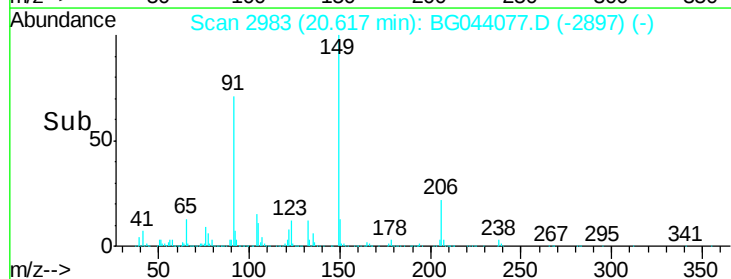
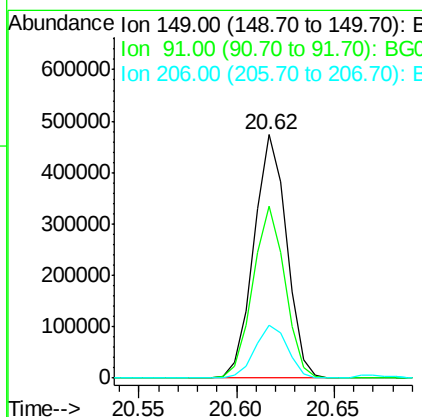
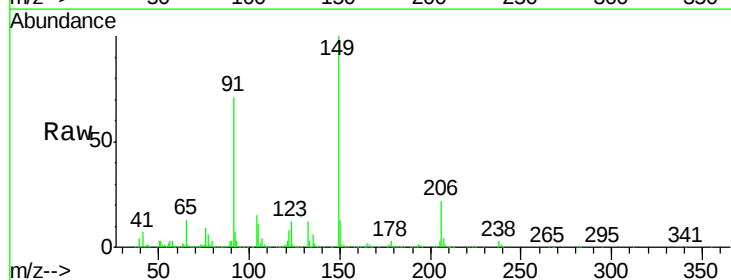
Manual Integrations
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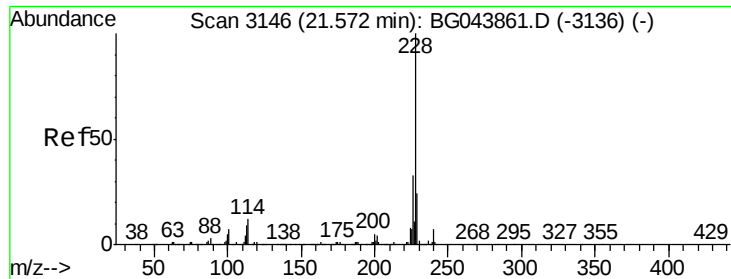
mohammad
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#80
 Butylbenzylphthalate
 Concen: 43.143 ng
 RT: 20.62 min Scan# 2983
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
149	100		
91	70.7	59.5	89.3
206	21.6	17.8	26.6





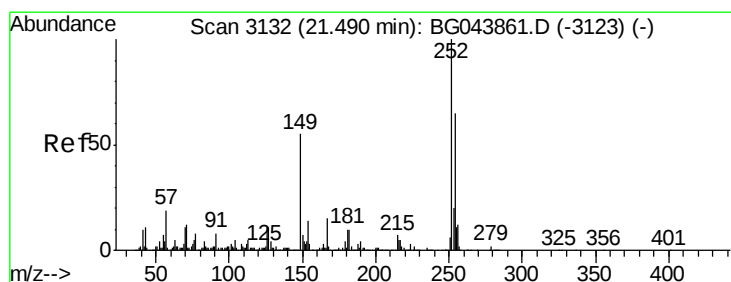
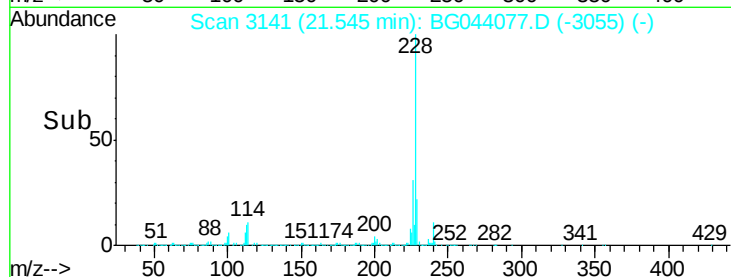
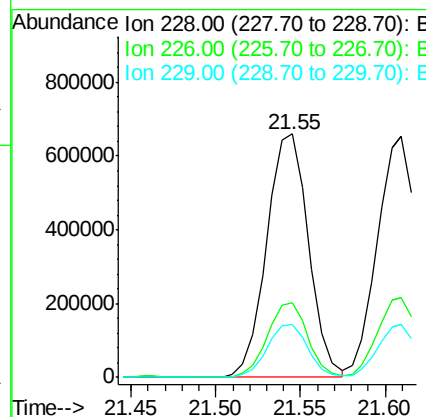
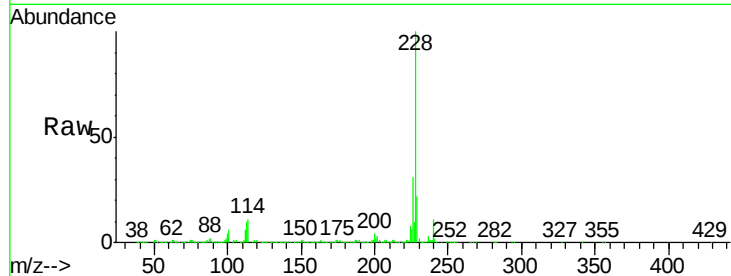
#81
Benzo(a)anthracene
Concen: 44.636 ng
RT: 21.55 min Scan# 3141
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.6	26.2	39.4
229	21.8	18.9	28.3

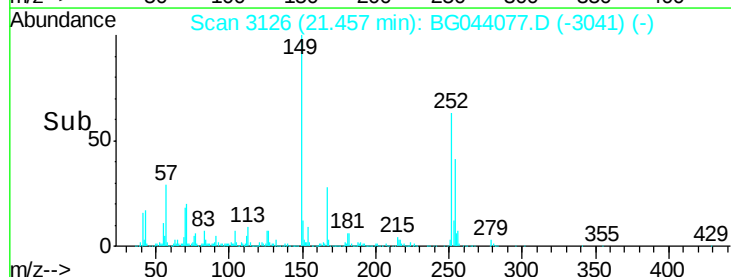
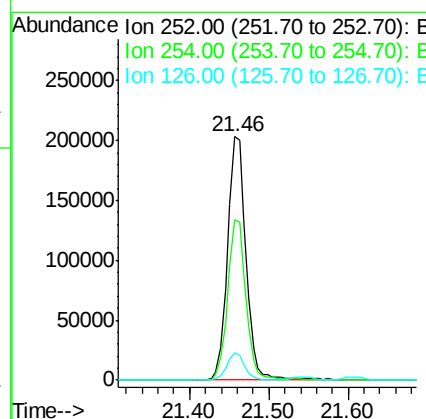
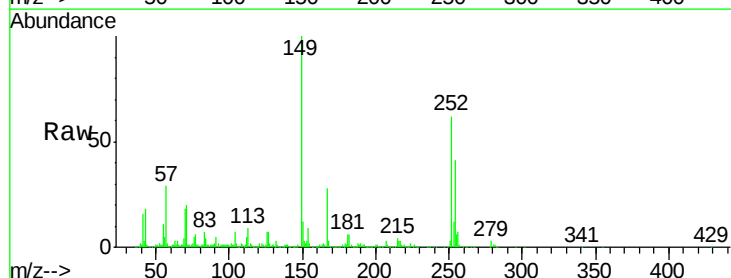
Manual Integrations
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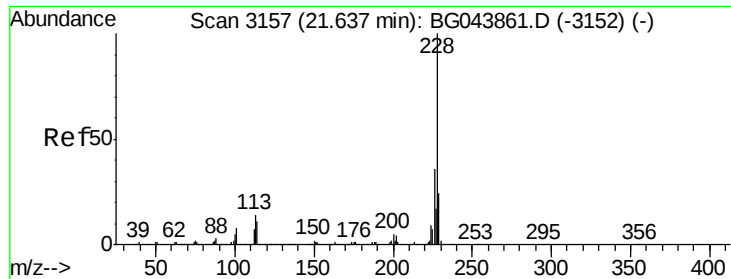
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#82
3,3'-Dichlorobenzidine
Concen: 32.684 ng
RT: 21.46 min Scan# 3126
Delta R.T. -0.03 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
252	100		
254	66.1	52.1	78.1
126	11.0	9.1	13.7





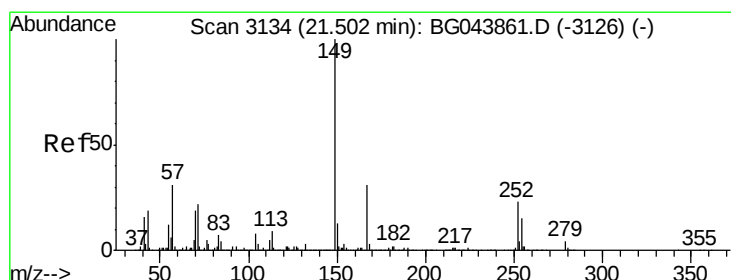
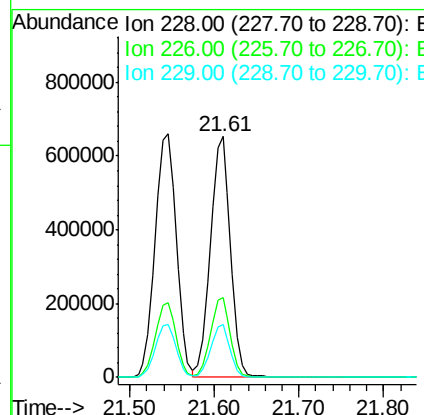
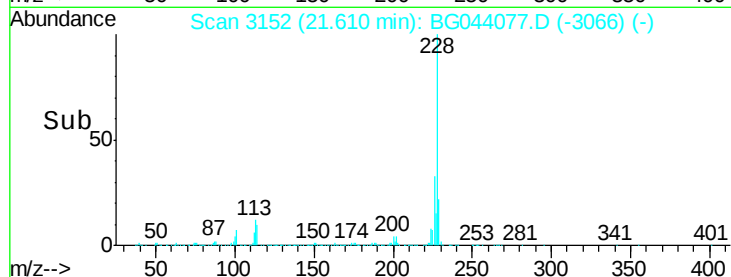
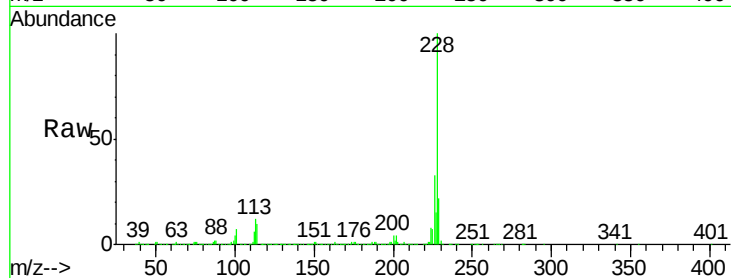
#83
 Chrysene
 Concen: 44.854 ng
 RT: 21.61 min Scan# 3152
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Instrument :
 BNA_G
 ClientSampleId :
 PB126138BSD

Tot Ion:228 Resp: 1083343
 Ion Ratio Lower Upper
 228 100
 226 33.3 28.8 43.2
 229 22.1 19.0 28.6

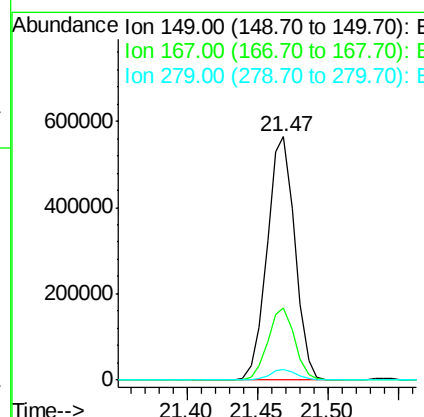
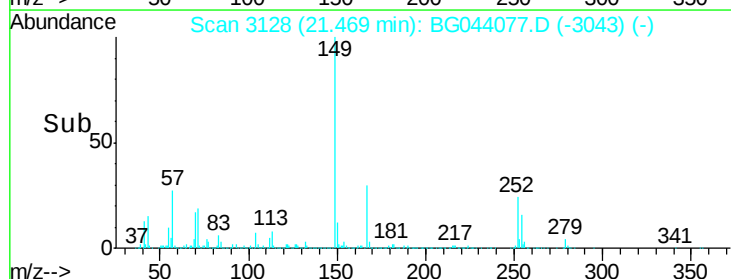
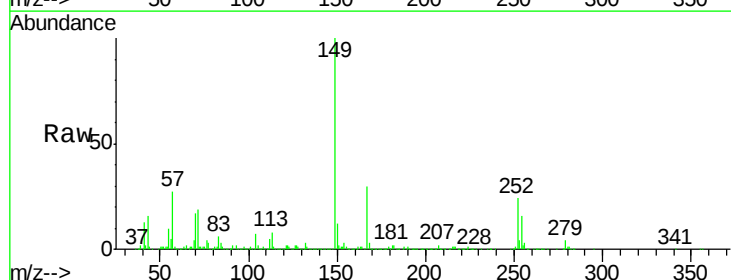
Manual Integrations
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.229 ng
 RT: 21.47 min Scan# 3128
 Delta R.T. -0.03 min
 Lab File: BG044077.D
 Acq: 17 Jan 2020 16:41

Tgt Ion:149 Resp: 777451
 Ion Ratio Lower Upper
 149 100
 167 29.6 24.7 37.1
 279 4.5 3.3 4.9





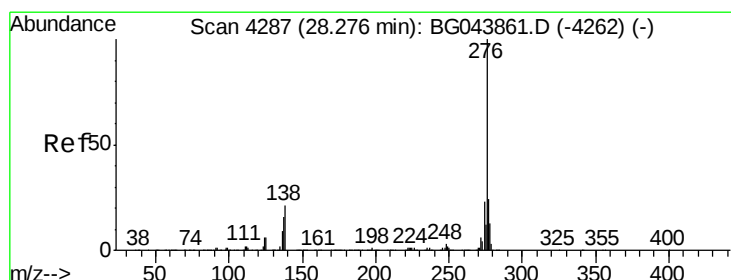
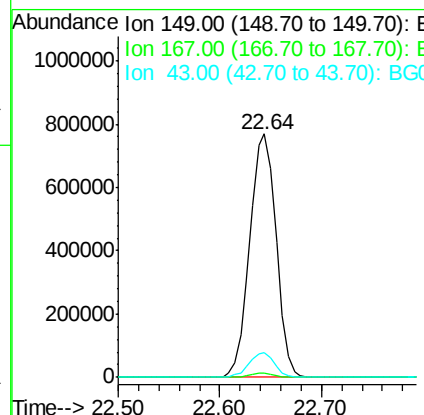
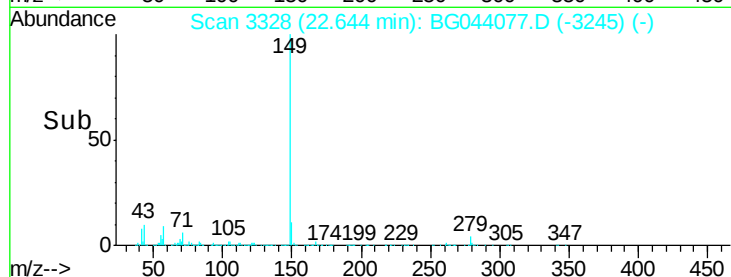
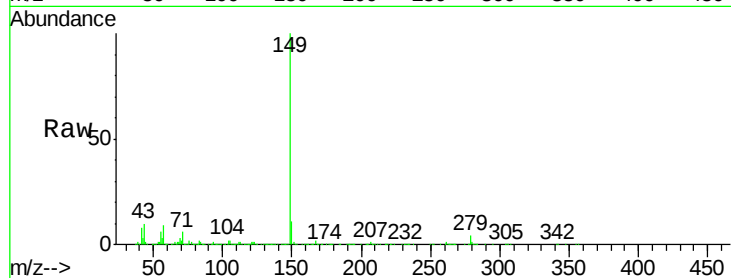
#85
Di-n-octyl phthalate
Concen: 46.674 ng
RT: 22.64 min Scan# 3328
Delta R.T. -0.04 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tot Ion:149 Resp: 1379275
Ion Ratio Lower Upper
149 100
167 1.7 1.4 2.0
43 9.6 8.8 13.2

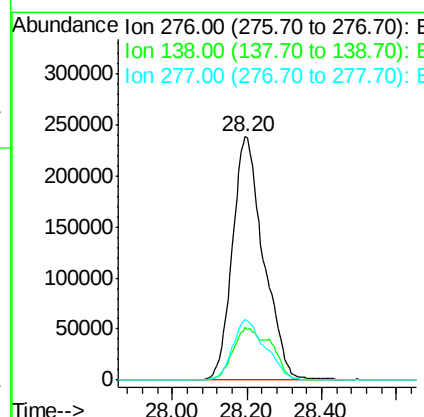
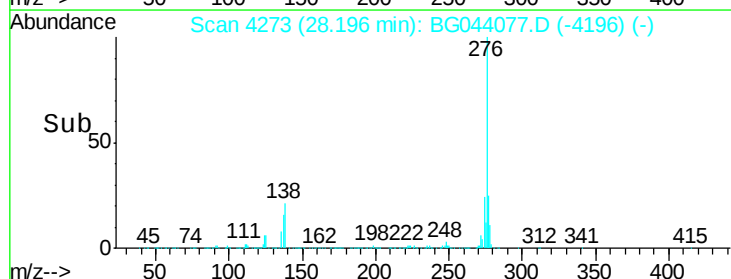
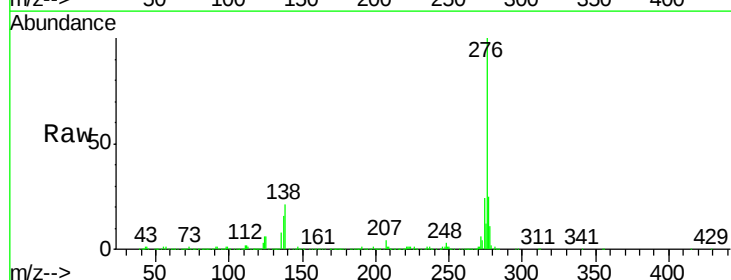
Manual Integrations
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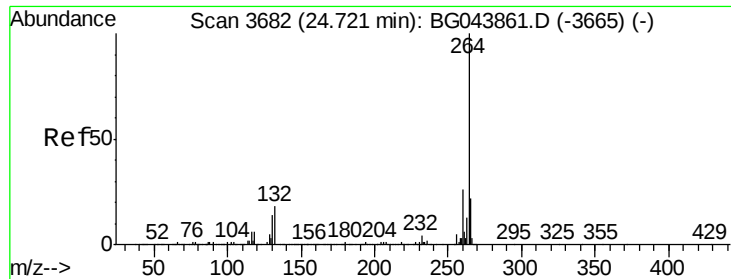
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#86
Indeno(1,2,3-cd)pyrene
Concen: 42.109 ng
RT: 28.20 min Scan# 4273
Delta R.T. -0.08 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion:276 Resp: 1382169
Ion Ratio Lower Upper
276 100
138 17.5 21.0 31.4#
277 26.2 21.1 31.7





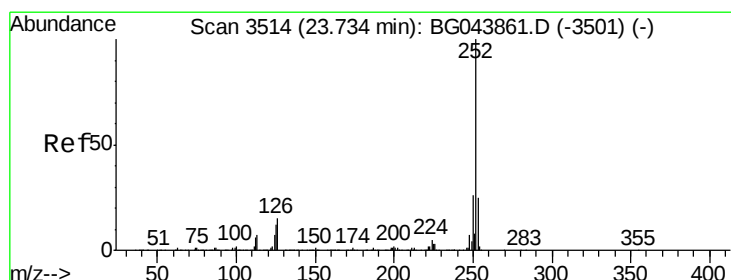
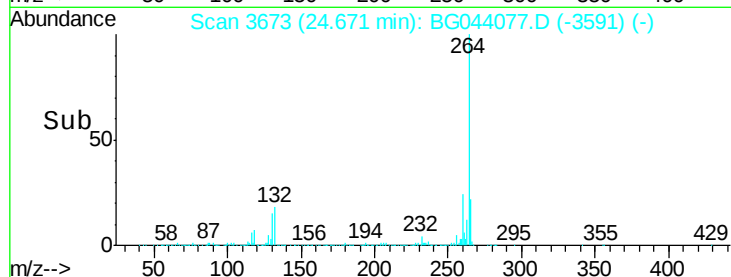
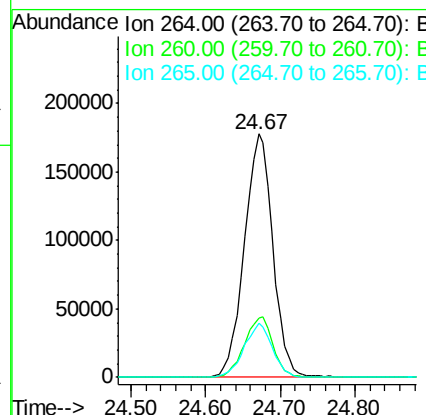
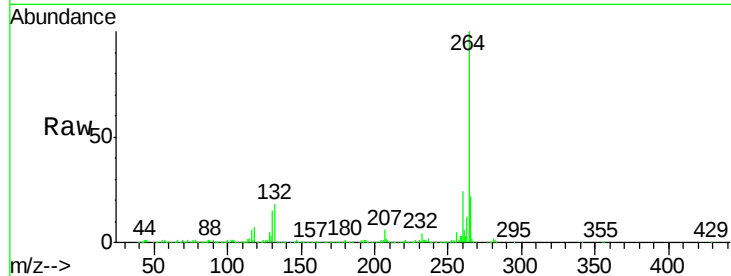
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.67 min Scan# 3673
Delta R.T. -0.05 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tot Ion	Ratio	Lower	Upper
264	100		
260	24.4	20.4	30.6
265	22.1	17.4	26.2

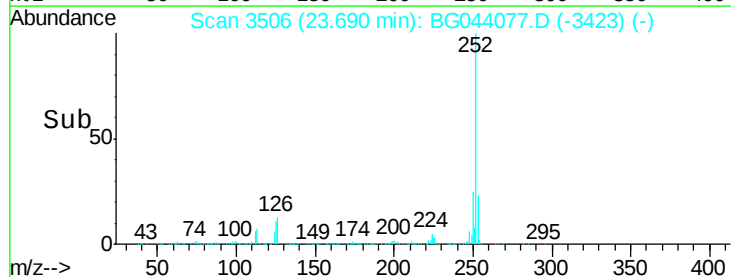
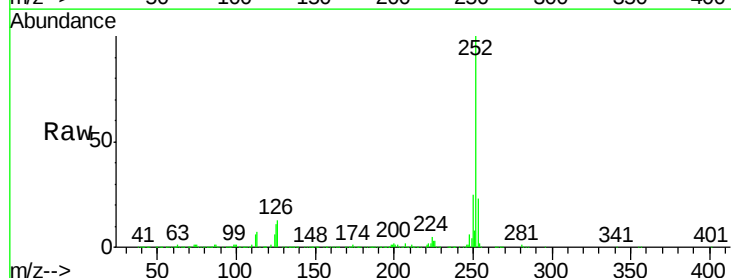
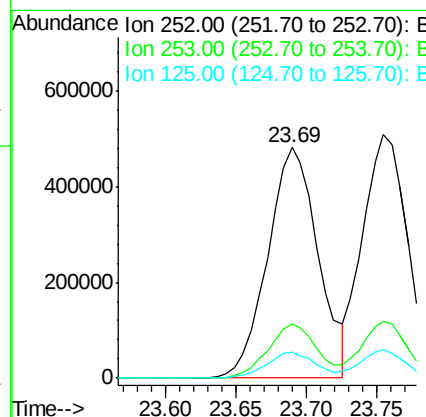
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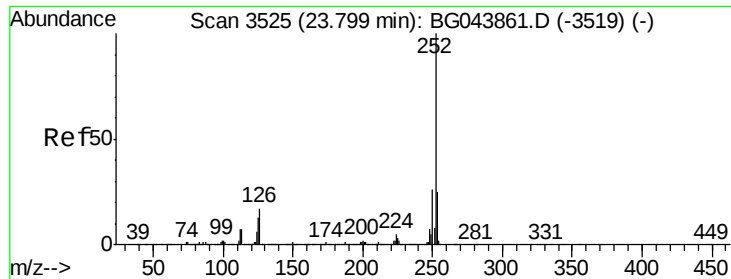
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#88
Benzo(b)fluoranthene
Concen: 43.181 ng
RT: 23.69 min Scan# 3506
Delta R.T. -0.04 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	23.4	19.7	29.5
125	11.2	9.4	14.2





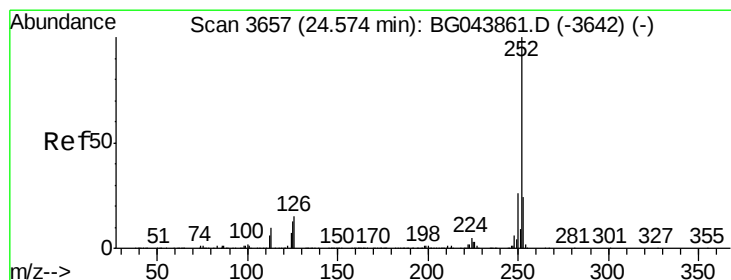
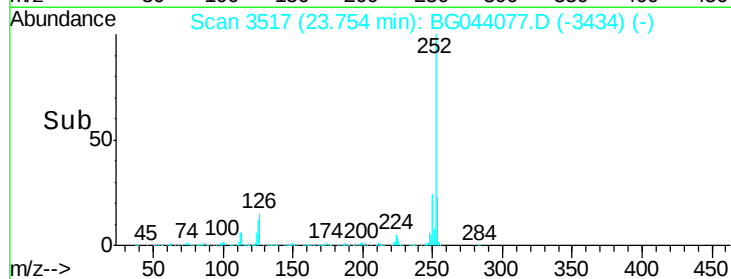
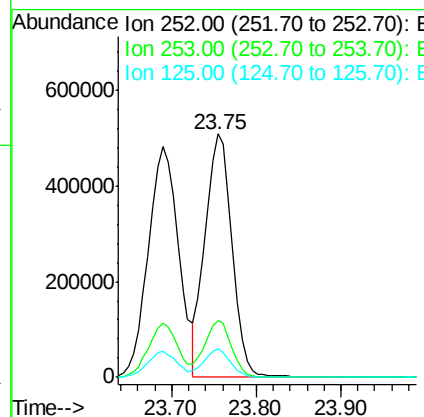
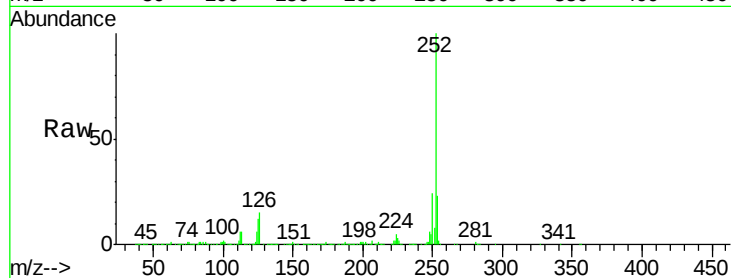
#89
Benzo(k)fluoranthene
Concen: 42.800 ng
RT: 23.75 min Scan# 3517
Delta R.T. -0.04 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.2	19.4	29.2
125	11.8	9.9	14.9

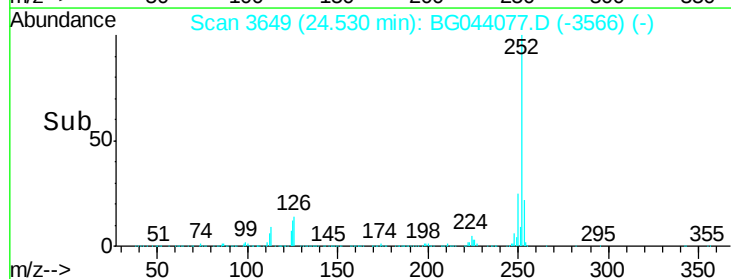
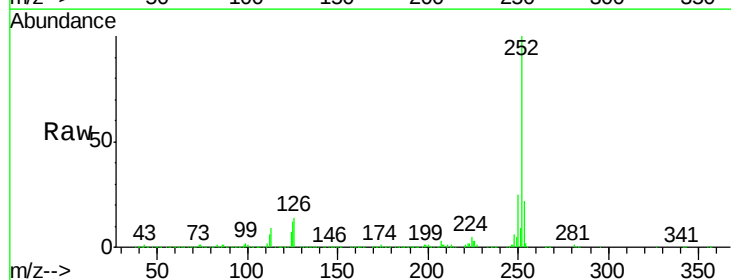
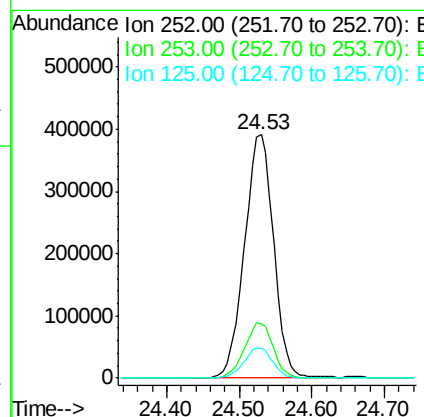
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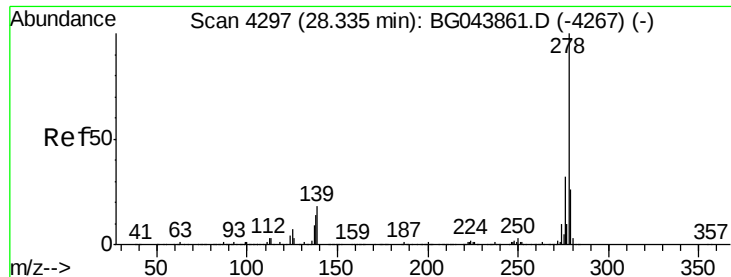
mohammad
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#90
Benzo(a)pyrene
Concen: 41.512 ng
RT: 24.53 min Scan# 3649
Delta R.T. -0.04 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.3	19.3	28.9
125	12.0	10.4	15.6





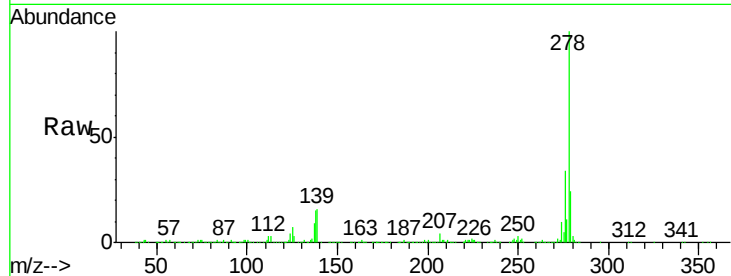
#91
Dibenzo(a,h)anthracene
Concen: 43.427 ng
RT: 28.26 min Scan# 4284
Delta R.T. -0.07 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Instrument :
BNA_G
ClientSampleId :
PB126138BSD

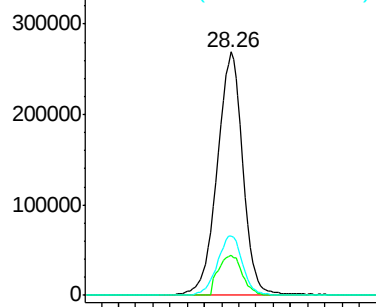
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.3	14.2	21.4
279	24.5	20.6	30.8

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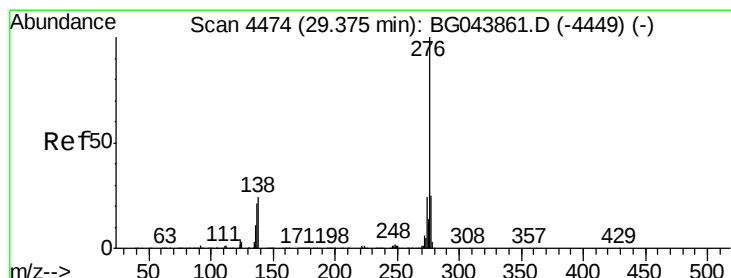
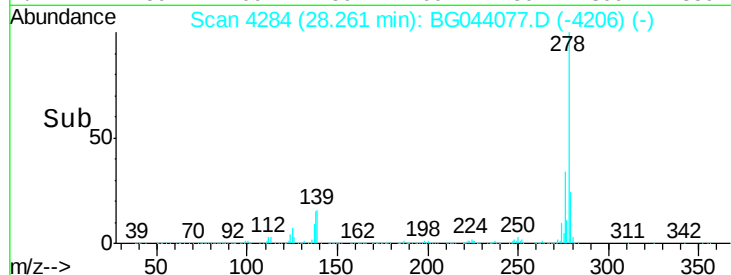
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Abundance Ion 278.00 (277.70 to 278.70): E
Ion 139.00 (138.70 to 139.70): E
Ion 279.00 (278.70 to 279.70): E



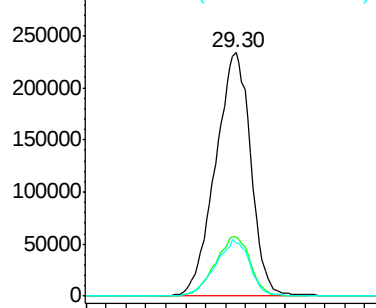
Time-->



#92
Benzo(g,h,i)perylene
Concen: 43.828 ng
RT: 29.30 min Scan# 4461
Delta R.T. -0.07 min
Lab File: BG044077.D
Acq: 17 Jan 2020 16:41

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.2	20.2	30.4
138	22.0	19.0	28.6

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



Time-->

