

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG011520\
 Data File : BG044055.D
 Acq On : 15 Jan 2020 18:30
 Operator : JU
 Sample : PB126104BSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB126104BSD

Manual Integrations
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 1/16/2020 2:25:53 PM

Quant Time: Jan 16 08:28:11 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	7.94	152	85760	20.00	ng	-0.02
21) Naphthalene-d8	10.74	136	368813	20.00	ng	-0.02
39) Acenaphthene-d10	14.58	164	243432	20.00	ng	-0.02
64) Phenanthrene-d10	17.32	188	541950	20.00	ng	-0.02
76) Chrysene-d12	21.57	240	465422	20.00	ng	-0.02
87) Perylene-d12	24.68	264	525981	20.00	ng	-0.04

System Monitoring Compounds

5) 2-Fluorophenol	5.53	112	429430	91.94	ng	-0.01
7) Phenol-d6	7.11	99	568633	87.10	ng	-0.01
23) Nitrobenzene-d5	9.10	82	549318	79.68	ng	-0.02
42) 2,4,6-Tribromophenol	16.07	330	216270	84.90	ng	-0.02
45) 2-Fluorobiphenyl	13.20	172	1235806	91.98	ng	-0.02
79) Terphenyl-d14	19.93	244	1803798	96.85	ng	-0.02

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.41	88	94517	46.411	ng	95
3) Pyridine	3.80	79	225983	37.562	ng	96
4) n-Nitrosodimethylamine	3.72	42	108455	40.490	ng	94
6) Aniline	7.26	93	286175	33.372	ng	99
8) 2-Chlorophenol	7.51	128	266339	48.573	ng	97
9) Benzaldehyde	7.08	77	154190	36.900	ng	99
10) Phenol	7.14	94	328041	48.767	ng	97
11) bis(2-Chloroethyl)ether	7.36	93	240386	41.399	ng	100
12) 1,3-Dichlorobenzene	7.83	146	271225	42.269	ng	98
13) 1,4-Dichlorobenzene	7.98	146	274343	43.332	ng	100
14) 1,2-Dichlorobenzene	8.30	146	259057	42.630	ng	98
15) Benzyl Alcohol	8.18	79	219276	42.556	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.47	45	323191	35.977	ng	96
17) 2-Methylphenol	8.39	107	227631	46.762	ng	98
18) Hexachloroethane	9.03	117	101697	41.281	ng	97
19) n-Nitroso-di-n-propylamine	8.74	70	189576	38.991	ng	96
20) 3+4-Methylphenols	8.72	107	313781	46.207	ng	97
22) Acetophenone	8.76	105	353658	38.571	ng	98
24) Nitrobenzene	9.14	77	269791	39.511	ng	99
25) Isophorone	9.67	82	514076	39.745	ng	98
26) 2-Nitrophenol	9.85	139	150668	46.639	ng	97
27) 2,4-Dimethylphenol	9.92	122	254463	52.327	ng	99
28) bis(2-Chloroethoxy)methane	10.15	93	329086	38.164	ng	99
29) 2,4-Dichlorophenol	10.40	162	266809	45.997	ng	99
30) 1,2,4-Trichlorobenzene	10.61	180	260783	40.096	ng	98
31) Naphthalene	10.80	128	760340	42.602	ng	98
32) Benzoic acid	10.06	122	133205	35.510	ng	92
33) 4-Chloroaniline	10.90	127	191949	22.549	ng	98
34) Hexachlorobutadiene	11.09	225	149611	37.676	ng	97
35) Caprolactam	11.67	113	97411m	45.110	ng	
36) 4-Chloro-3-methylphenol	12.03	107	276067	44.706	ng	98
37) 2-Methylnaphthalene	12.40	142	573327	42.669	ng	96
38) 1-Methylnaphthalene	12.62	142	544819	42.782	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.77	216	271860	38.102	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.76	237	365019	98.679	nq	98
43) 2,4,6-Trichlorophenol	13.01	196	211270	43.033	nq	97
44) 2,4,5-Trichlorophenol	13.09	196	228908	45.207	nq	98
46) 1,1'-Biphenyl	13.41	154	721764	41.353	nq	97
47) 2-Chloronaphthalene	13.45	162	563696	39.968	nq	99
48) 2-Nitroaniline	13.65	65	173228	38.183	nq	95
49) Acenaphthylene	14.30	152	905590	44.674	nq	97
50) Dimethylphthalate	14.03	163	734443	42.491	nq	98
51) 2,6-Dinitrotoluene	14.14	165	168706	43.183	nq	95
52) Acenaphthene	14.64	154	562685	39.581	nq	98
53) 3-Nitroaniline	14.47	138	118283	26.662	nq	97
54) 2,4-Dinitrophenol	14.68	184	190003	94.405	nq	97
55) Dibenzofuran	14.97	168	864611	44.181	nq	98
56) 4-Nitrophenol	14.80	139	318629	93.724	nq	91
57) 2,4-Dinitrotoluene	14.93	165	234016	44.022	nq	99
58) Fluorene	15.63	166	682938	44.029	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.20	232	200108	45.959	nq	95
60) Diethylphthalate	15.40	149	745082	43.098	nq	98
61) 4-Chlorophenyl-phenylether	15.62	204	355791	42.243	nq	96
62) 4-Nitroaniline	15.64	138	169812	38.761	nq	93
63) Azobenzene	15.91	77	665408	41.503	nq	98
65) 4,6-Dinitro-2-methylphenol	15.70	198	143370	51.039	nq	93
66) n-Nitrosodiphenylamine	15.83	169	645719	40.459	nq	97
67) 4-Bromophenyl-phenylether	16.51	248	231695	38.012	nq	96
68) Hexachlorobenzene	16.64	284	253917	38.661	nq	95
69) Atrazine	16.78	200	248737	47.947	nq	99
70) Pentachlorophenol	16.98	266	291480	80.507	nq	99
71) Phenanthrene	17.36	178	1103386	42.447	nq	97
72) Anthracene	17.45	178	1132870	44.097	nq	98
73) Carbazole	17.72	167	1036193	43.665	nq	97
74) Di-n-butylphthalate	18.29	149	1270887	41.946	nq	97
75) Fluoranthene	19.37	202	1281850	43.118	nq	97
77) Benzidine	19.54	184	576574	49.285	nq	98
78) Pyrene	19.73	202	1287142	42.368	nq	96
80) Butylbenzylphthalate	20.62	149	591008	40.862	nq	97
81) Benzo(a)anthracene	21.55	228	1225234	42.455	nq	97
82) 3,3'-Dichlorobenzidine	21.47	252	342490	30.039	nq	98
83) Chrysene	21.61	228	1173226	42.784	nq	97
84) Bis(2-ethylhexyl)phthalate	21.47	149	825570	41.367	nq	98
85) Di-n-octyl phthalate	22.65	149	1429295	42.601	nq	97
86) Indeno(1,2,3-cd)pyrene	28.21	276	1482243	39.774	nq	# 93
88) Benzo(b)fluoranthene	23.70	252	1268122	40.783	nq	98
89) Benzo(k)fluoranthene	23.76	252	1259236	42.586	nq	98
90) Benzo(a)pyrene	24.53	252	1179391	40.186	nq	99
91) Dibenzo(a,h)anthracene	28.27	278	1226838	41.624	nq	99
92) Benzo(g,h,i)perylene	29.31	276	1249788	42.688	nq	97

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

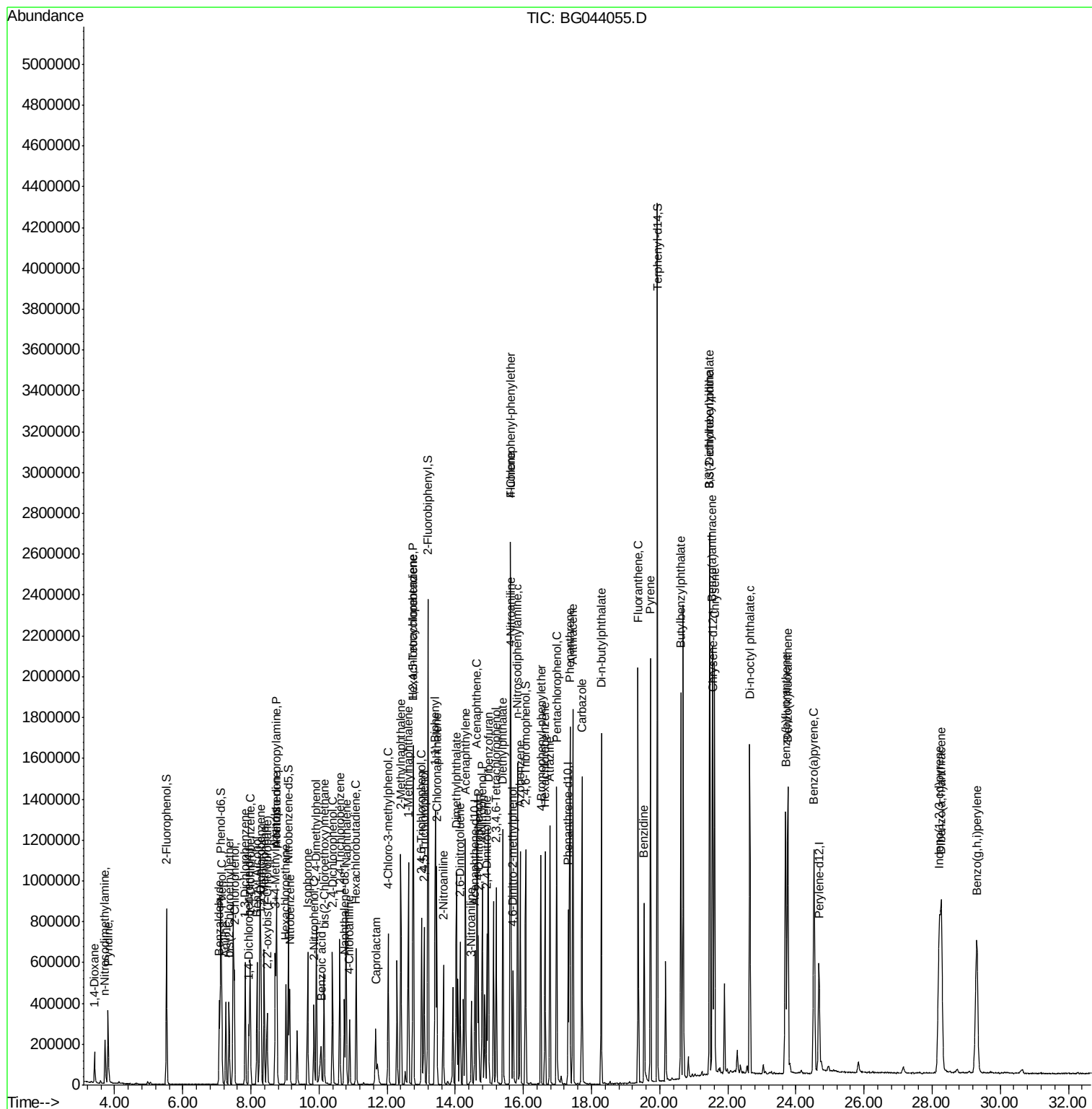
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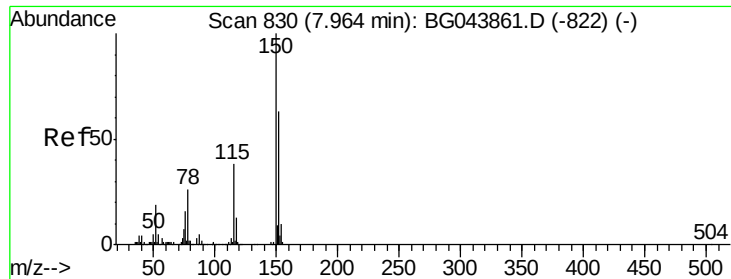
Instrument :
BNA_G
ClientSampleId :
PB126104BSD

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#1

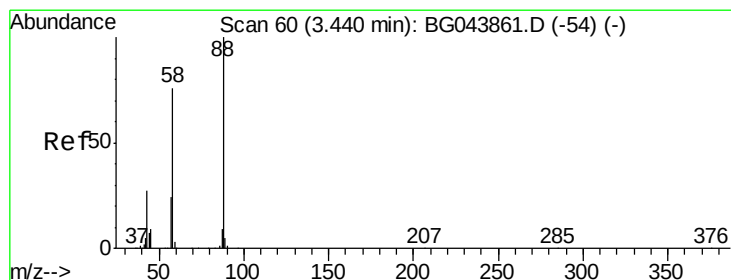
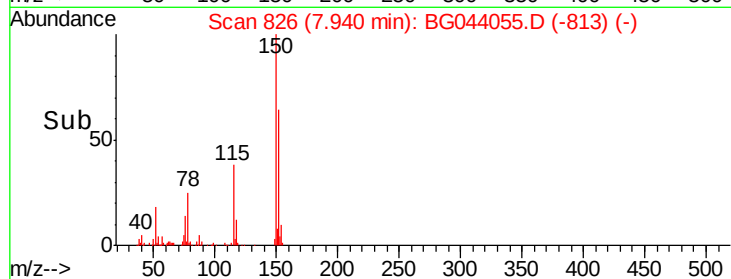
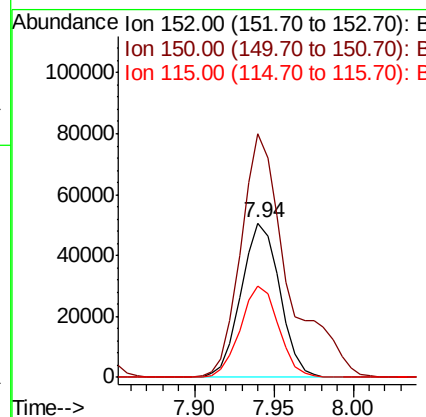
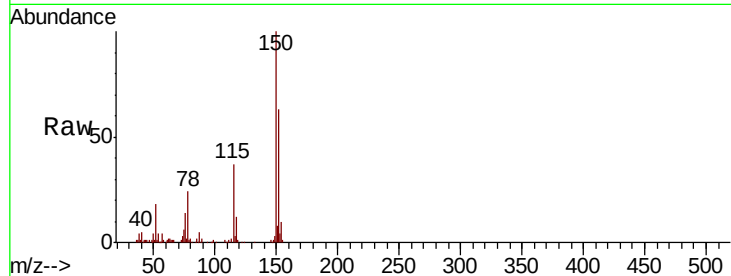
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.94 min Scan# 826
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
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Tot Ion	Ratio	Lower	Upper
152	100		
150	157.9	127.0	190.4
115	59.1	47.8	71.8

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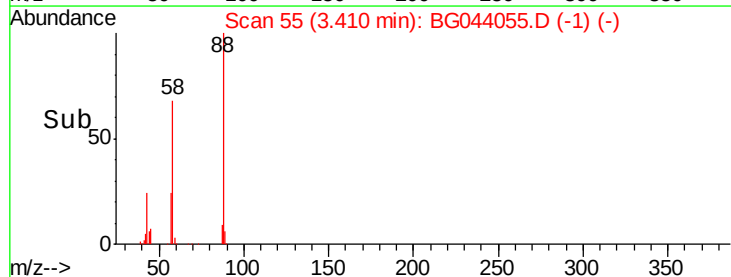
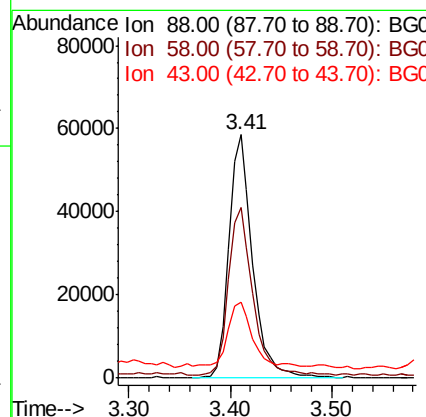
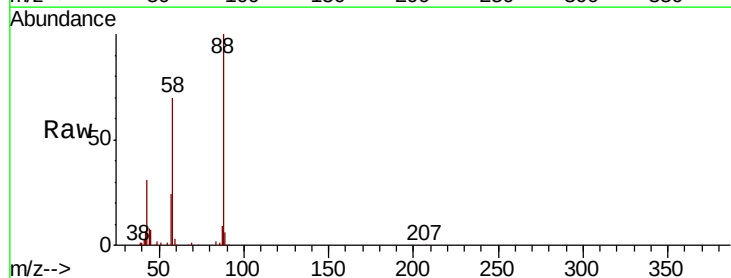
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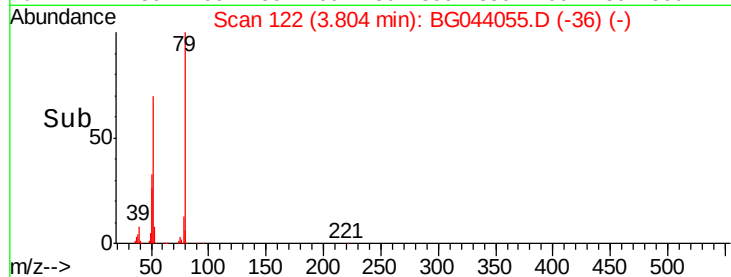
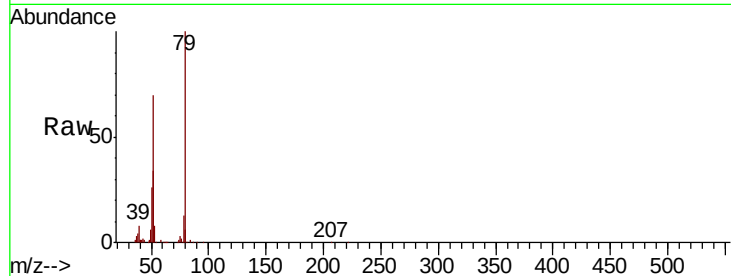
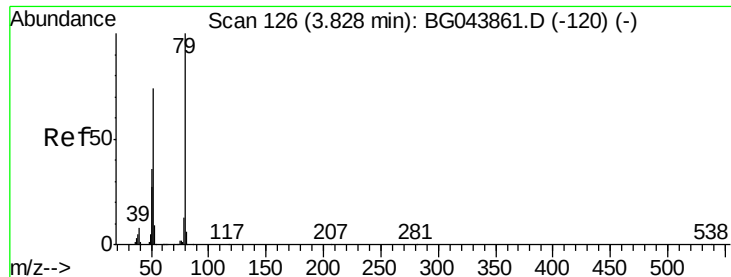


#2

1,4-Dioxane
Concen: 46.411 ng
RT: 3.41 min Scan# 55
Delta R.T. -0.03 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
88	100		
58	69.0	59.8	89.8
43	29.1	22.9	34.3





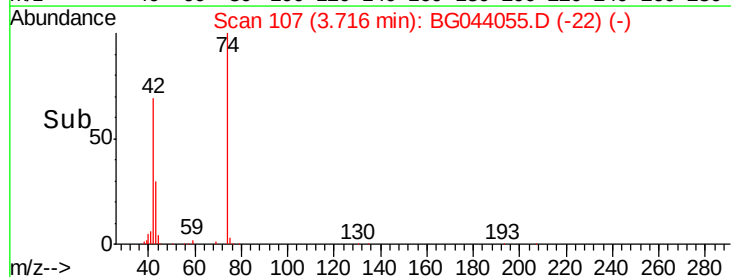
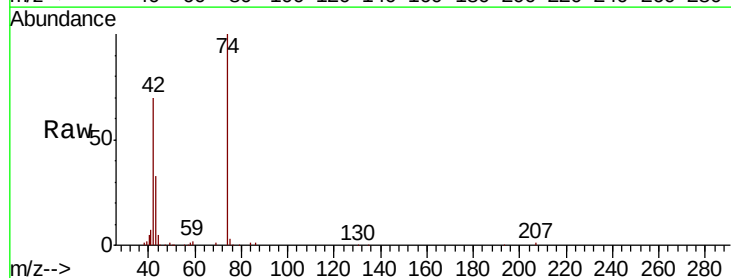
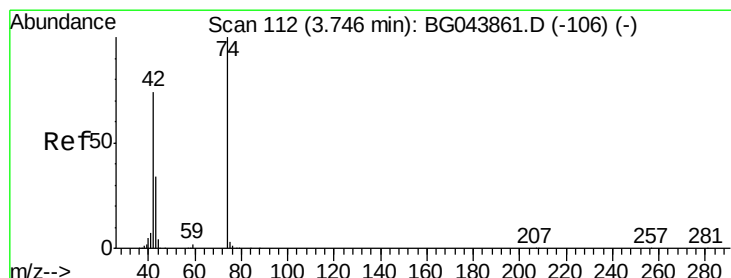
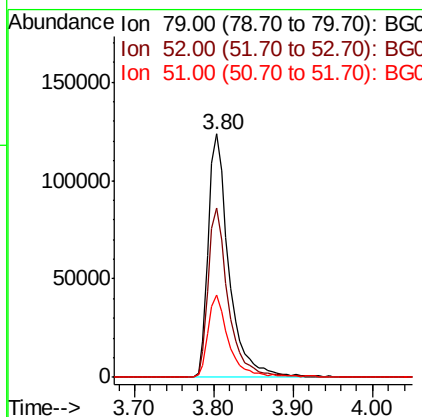
#3
 Pvridine
 Concen: 37.562 ng
 RT: 3.80 min Scan# 122
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Tot Ion	79	Resp	225983
Ion Ratio	Lower	Upper	
79	100		
52	69.7	58.9	88.3
51	33.7	28.6	43.0

Instrument :
 BNA_G
 ClientSampleId :
 PB126104BSD

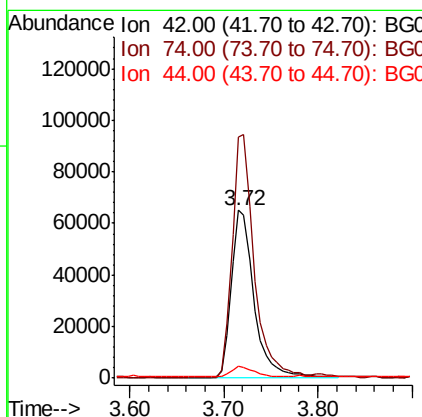
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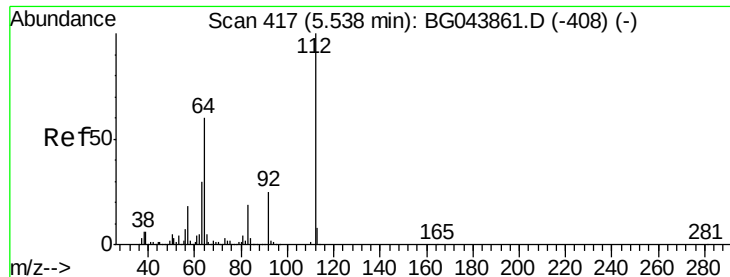
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#4
 n-Nitrosodimethylamine
 Concen: 40.490 ng
 RT: 3.72 min Scan# 107
 Delta R.T. -0.03 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Tgt Ion	42	Resp	108455
Ion Ratio	Lower	Upper	
42	100		
74	143.2	108.6	162.8
44	7.0	5.0	7.6





#5

2-Fluorophenol

Concen: 91.941 ng

RT: 5.53 min Scan# 415

Delta R.T. -0.01 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

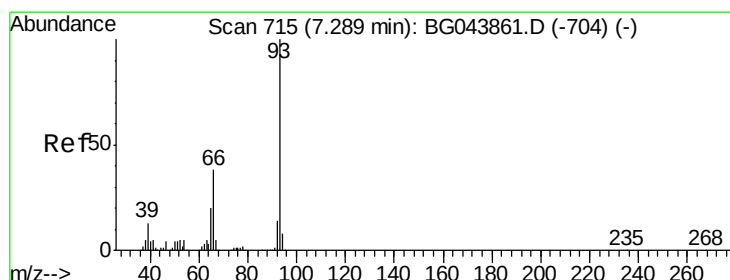
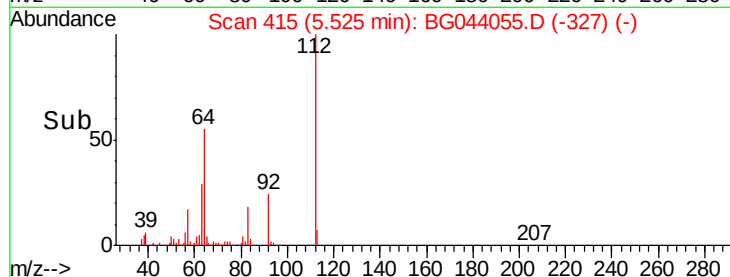
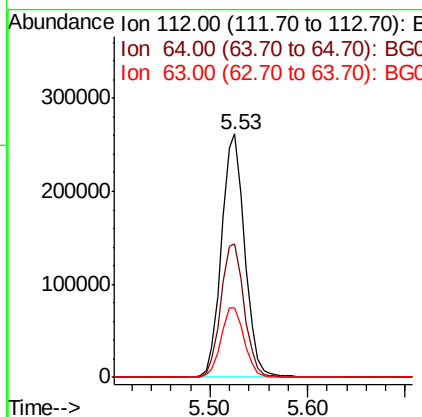
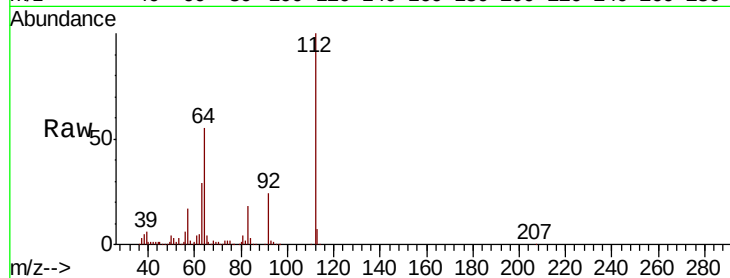
ClientSampleId :

PB126104BSD

Tot Ion:	112	Resp:	429430
Ion Ratio	Lower	Upper	
112	100		
64	55.1	47.8	71.6
63	28.5	24.3	36.5

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#6

Aniline

Concen: 33.372 ng

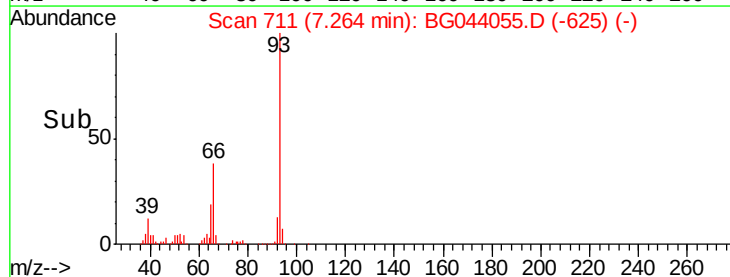
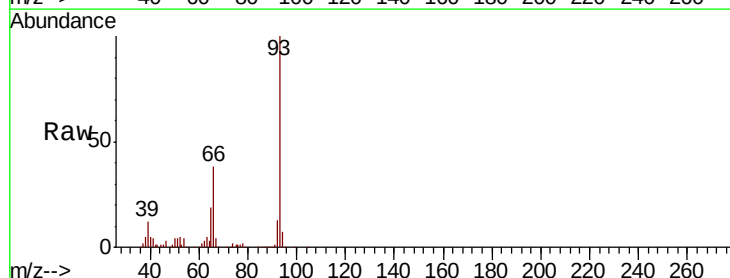
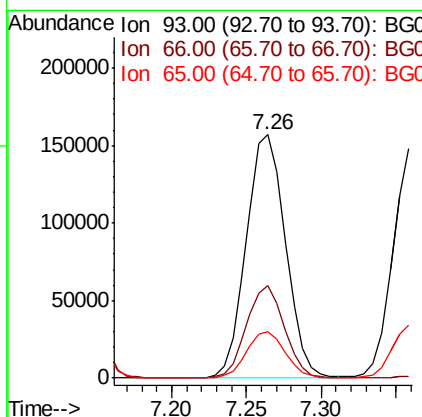
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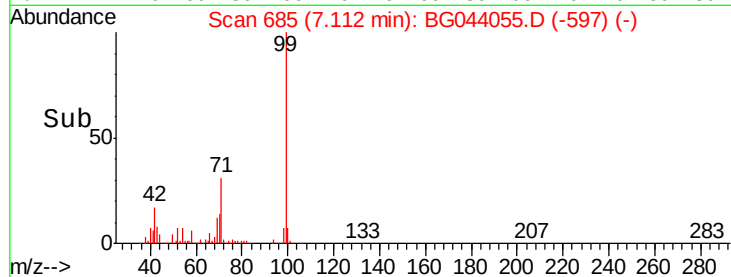
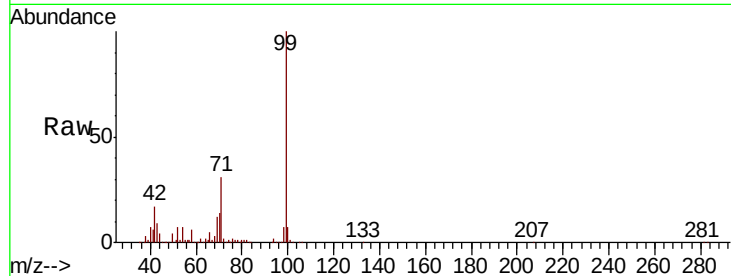
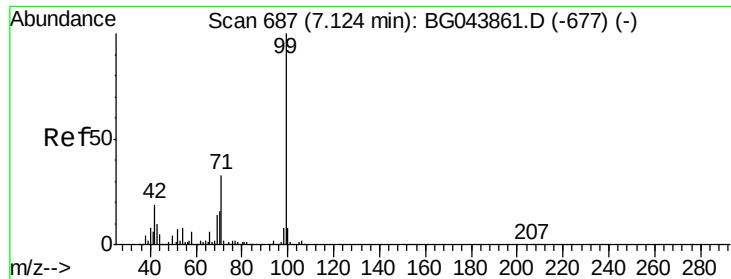
Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Tgt Ion:	93	Resp:	286175
Ion Ratio	Lower	Upper	
93	100		
66	37.9	30.8	46.2
65	19.2	16.0	24.0





#7

Phenol-d6

Concen: 87.096 ng

RT: 7.11 min Scan# 685

Delta R.T. -0.01 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Tot Ion:	99	Resp:	568633
Ion Ratio	Lower	Upper	
99	100		
42	16.8	14.9	22.3
71	31.3	26.4	39.6

Instrument :

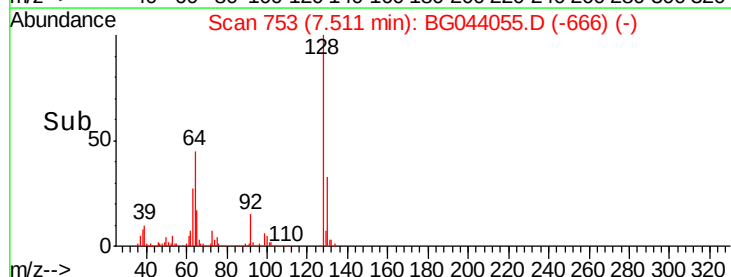
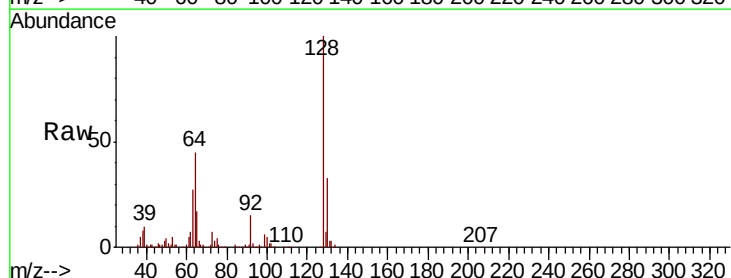
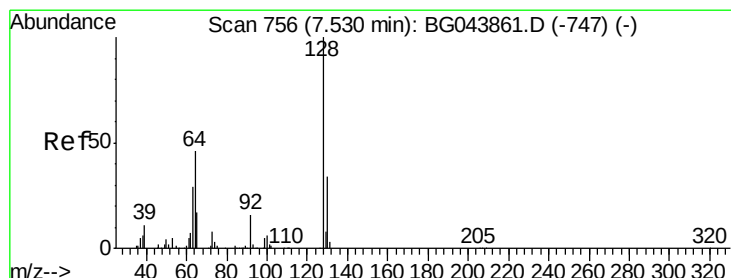
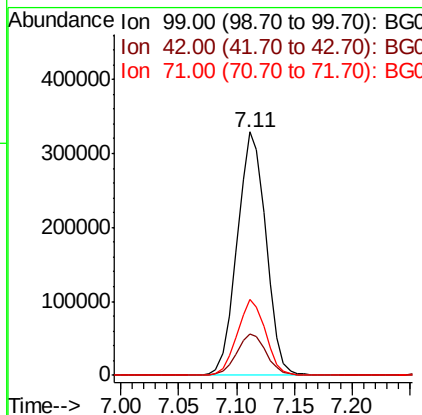
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#8

2-Chlorophenol

Concen: 48.573 ng

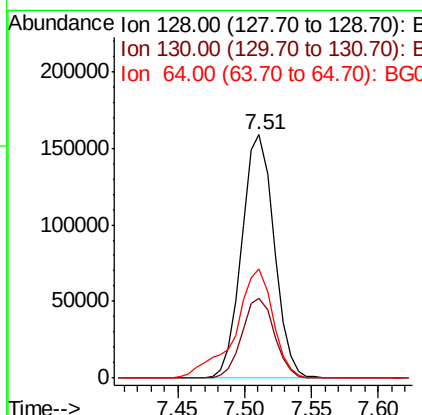
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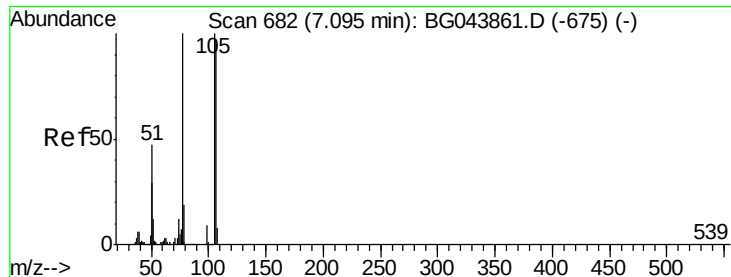
Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Tgt Ion:	128	Resp:	266339
Ion Ratio	Lower	Upper	
128	100		
130	33.0	13.8	53.8
64	44.8	27.6	67.6





#9

Benzaldehyde

Concen: 36.900 ng

RT: 7.08 min Scan# 679

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

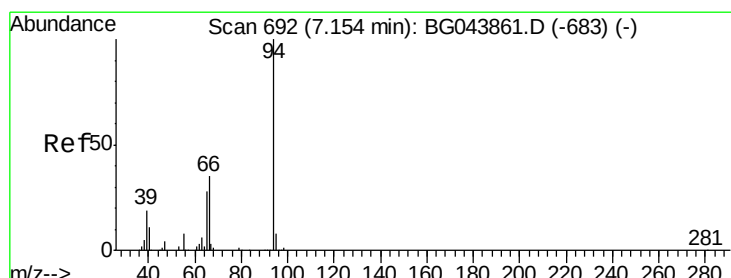
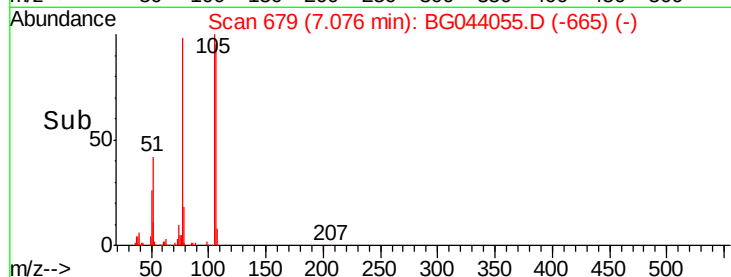
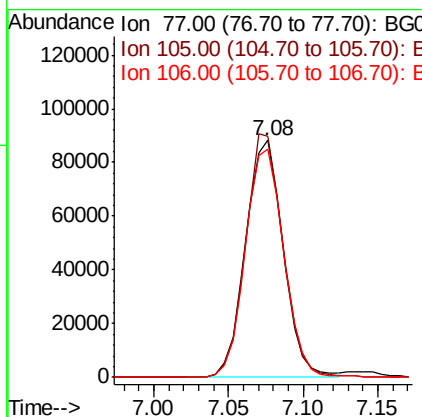
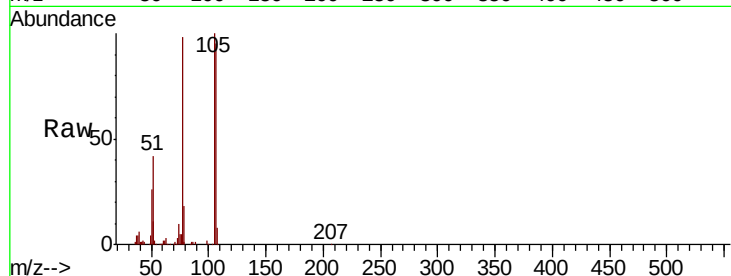
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Tot Ion:	77	Resp:	154190
Ion	Ratio	Lower	Upper
77	100		
105	101.8	80.2	120.2
106	96.6	77.2	117.2

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#10

Phenol

Concen: 48.767 ng

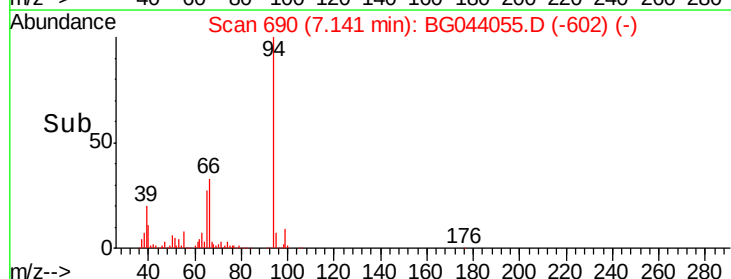
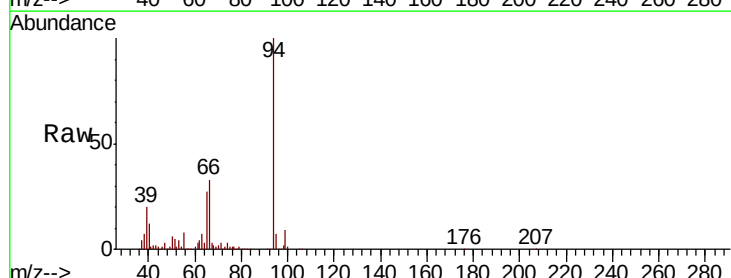
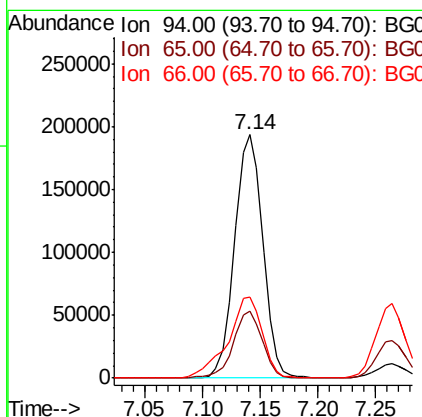
RT: 7.14 min Scan# 690

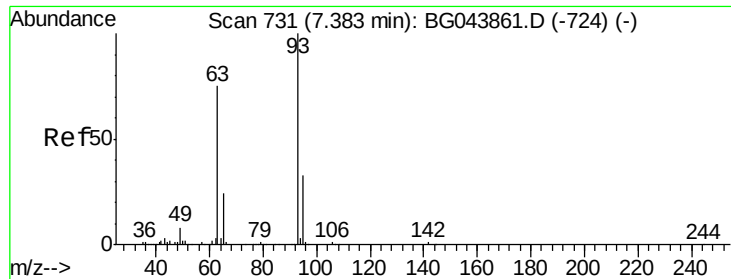
Delta R.T. -0.01 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Tgt Ion:	94	Resp:	328041
Ion	Ratio	Lower	Upper
94	100		
65	27.5	8.1	48.1
66	33.1	15.6	55.6





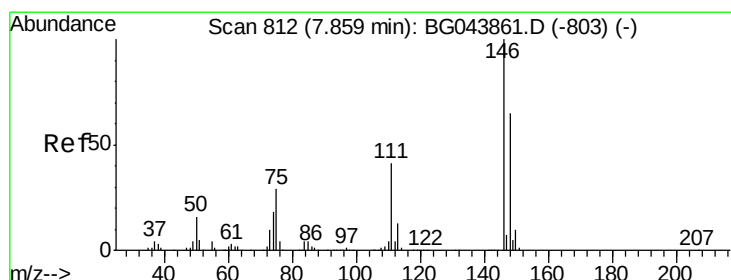
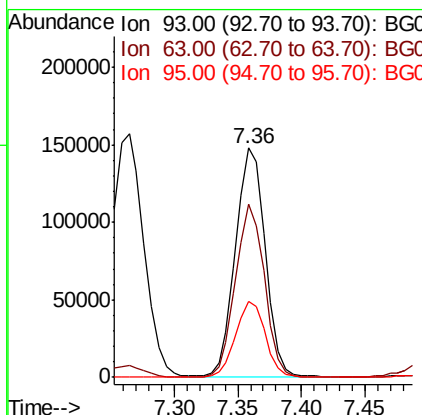
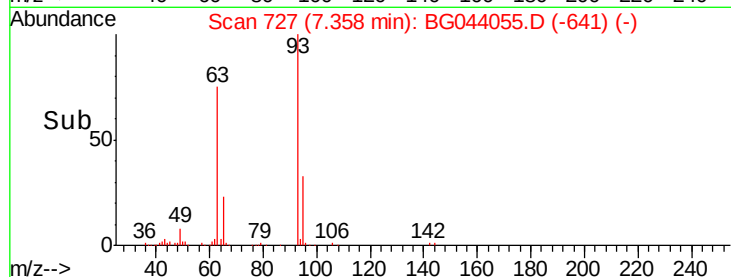
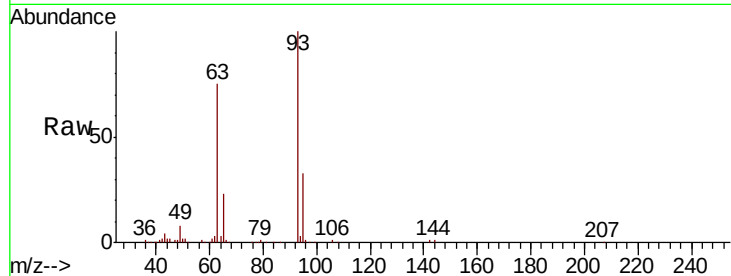
#11
bis(2-Chloroethyl)ether
Concen: 41.399 ng
RT: 7.36 min Scan# 727
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Resp	Lower	Upper
93	100	240386		
63	75.4		55.0	95.0
95	33.2		13.3	53.3

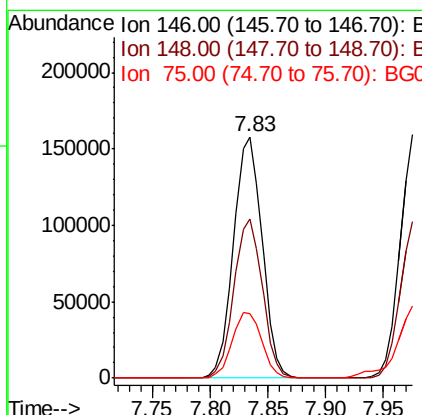
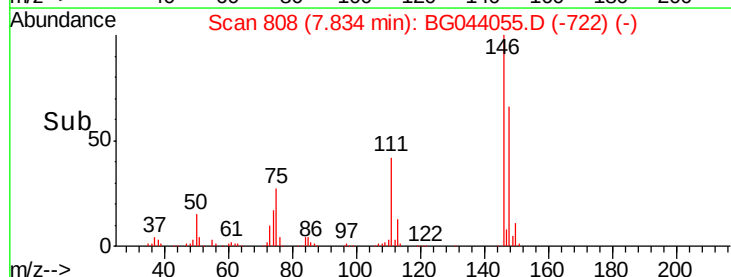
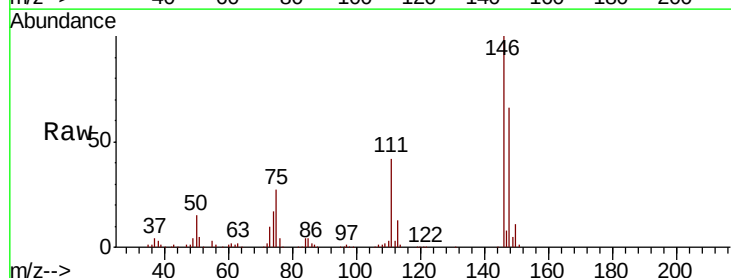
Manual Integrations
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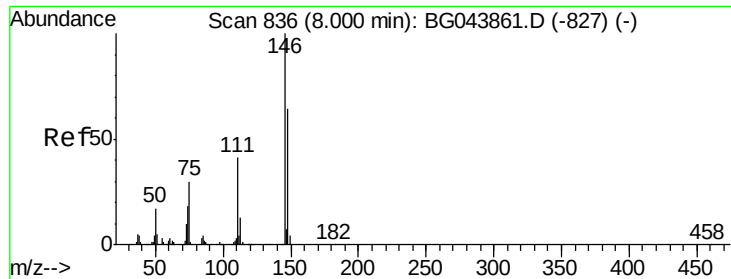
mohammad
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#12
1,3-Dichlorobenzene
Concen: 42.269 ng
RT: 7.83 min Scan# 808
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
146	100	271225		
148	65.9		52.1	78.1
75	26.6		23.0	34.4





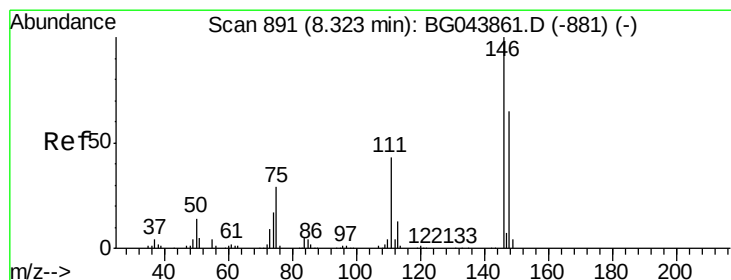
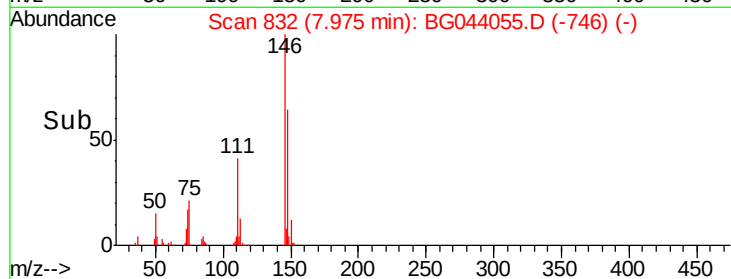
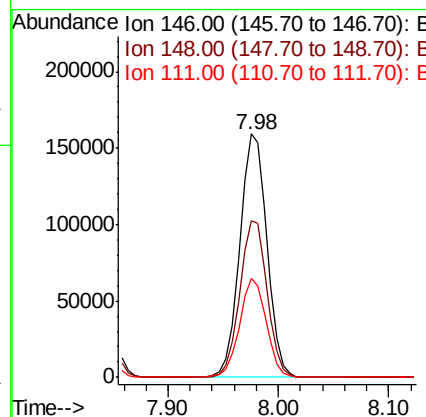
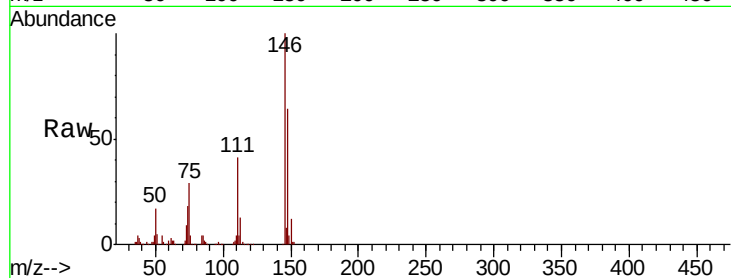
#13
 1,4-Dichlorobenzene
 Concen: 43.332 ng
 RT: 7.98 min Scan# 832
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Instrument :
 BNA_G
 ClientSampleId :
 PB126104BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.1	51.2	76.8
111	40.9	33.1	49.7

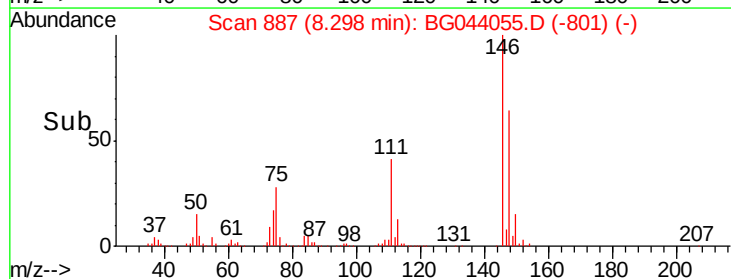
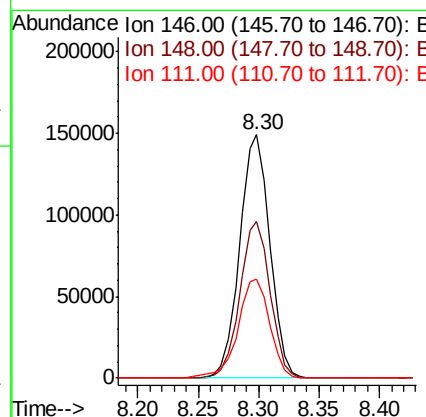
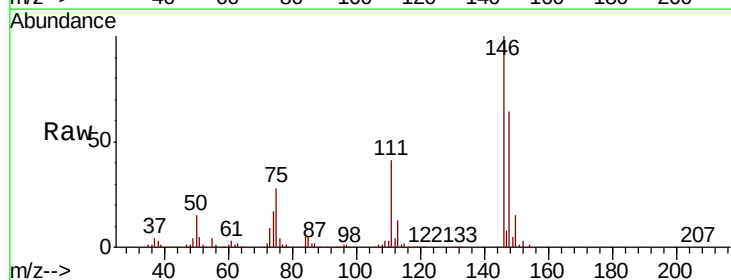
Manual Integrations
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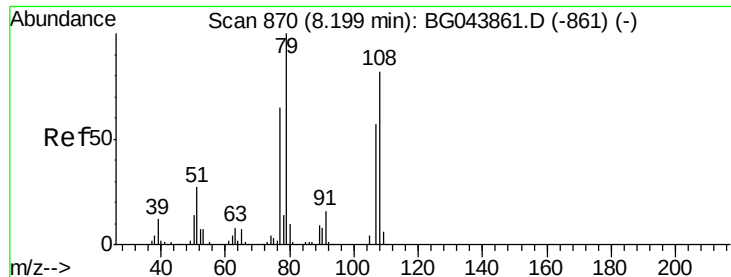
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 42.630 ng
 RT: 8.30 min Scan# 887
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.3	51.7	77.5
111	40.8	34.4	51.6





#15

Benzyl Alcohol

Concen: 42.556 ng

RT: 8.18 min Scan# 867

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

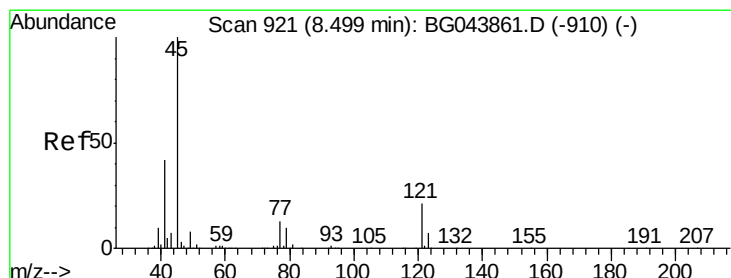
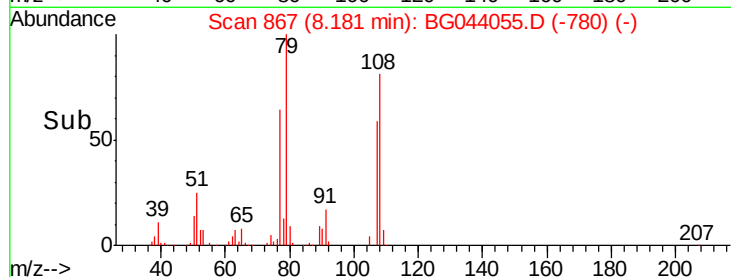
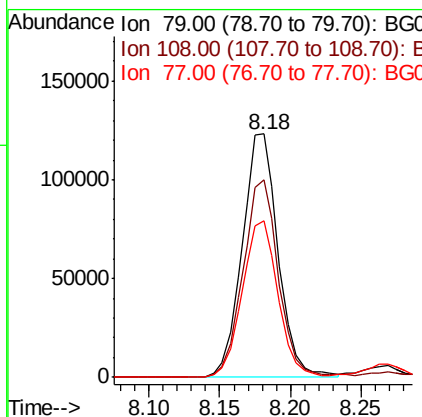
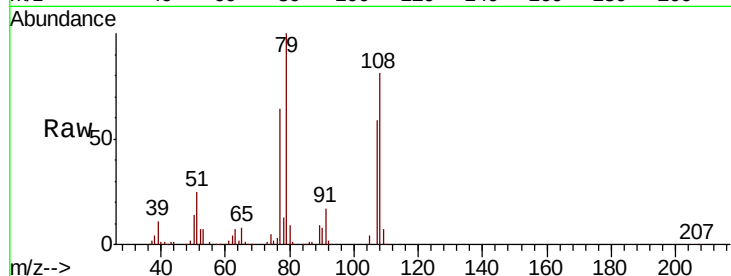
ClientSampleId :

PB126104BSD

Tot Ion:	79	Resp:	219276
Ion Ratio	Lower	Upper	
79	100		
108	81.1	65.6	98.4
77	64.1	52.0	78.0

Manual Integrations
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#16

2,2'-oxybis(1-chloropropane)

Concen: 35.977 ng

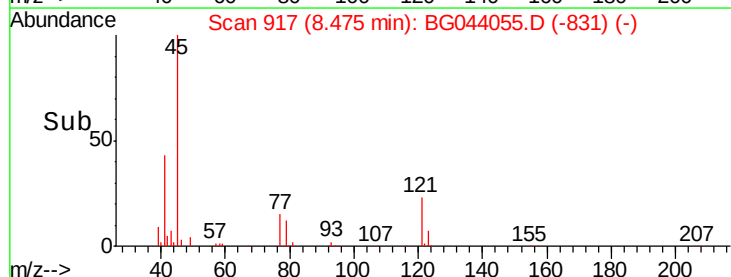
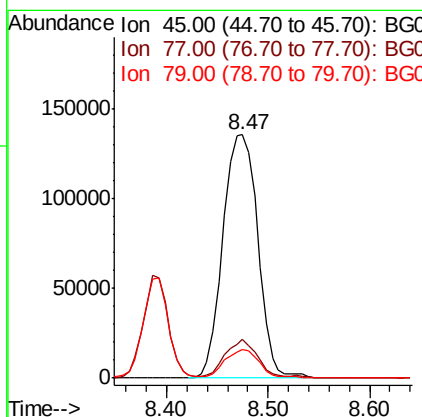
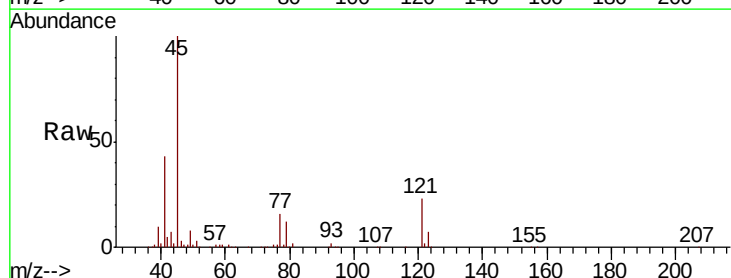
RT: 8.47 min Scan# 917

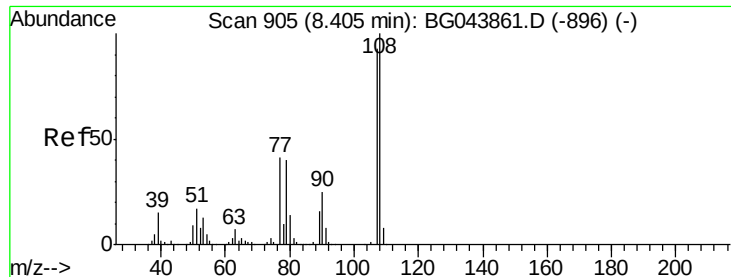
Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Tgt Ion:	45	Resp:	323191
Ion Ratio	Lower	Upper	
45	100		
77	15.7	0.0	33.8
79	11.8	0.0	31.0





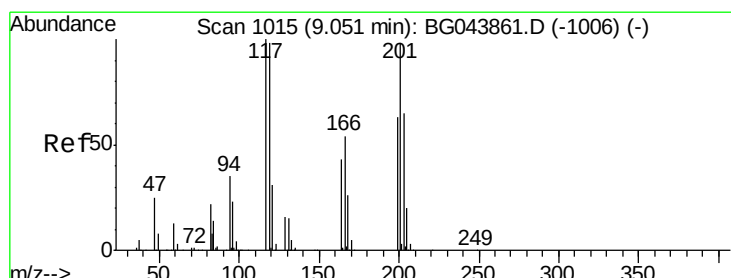
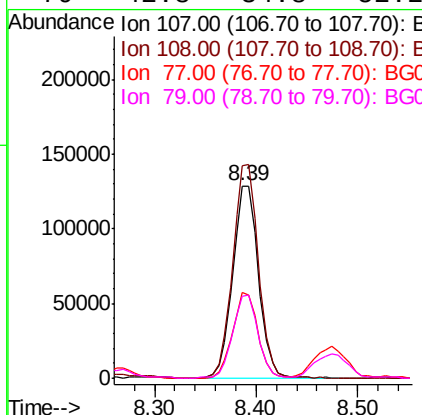
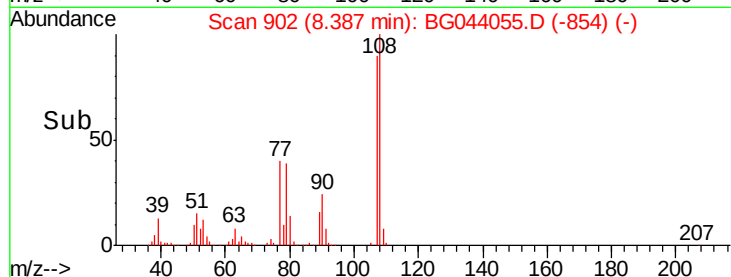
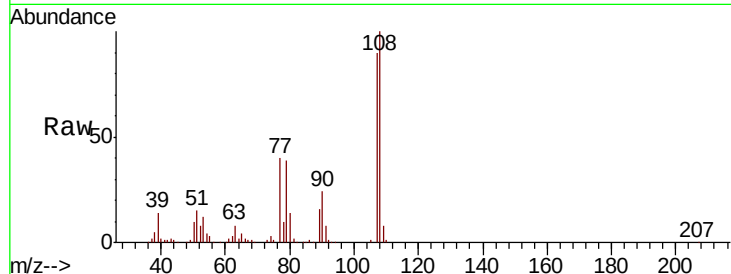
#17
2-Methylphenol
Concen: 46.762 ng
RT: 8.39 min Scan# 902
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100	227631		
108	110.7	86.1	129.1	
77	44.3	35.4	53.0	
79	42.8	34.8	52.2	

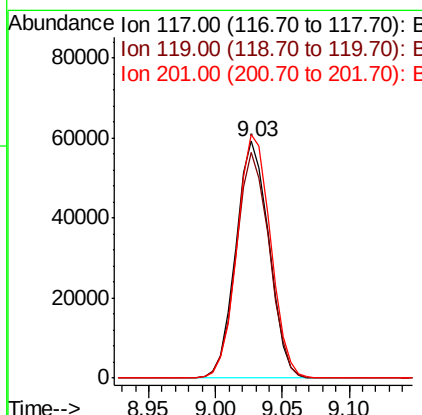
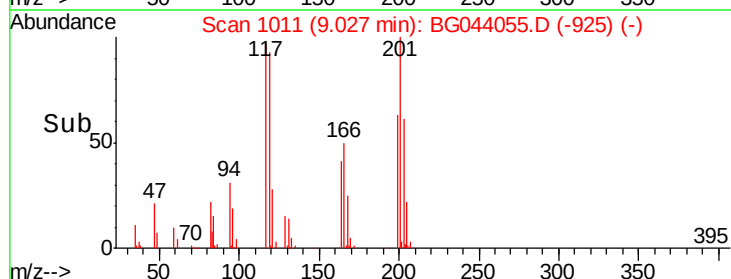
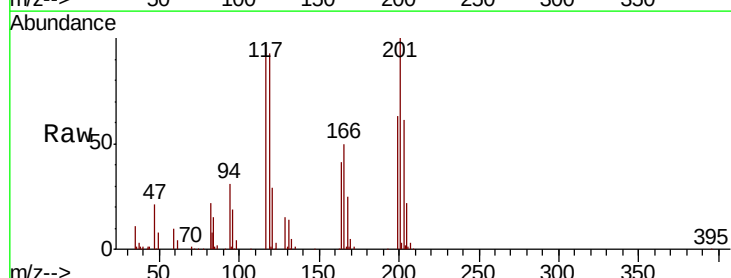
Manual Integrations
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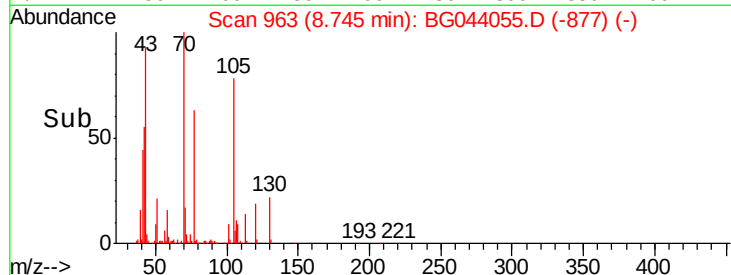
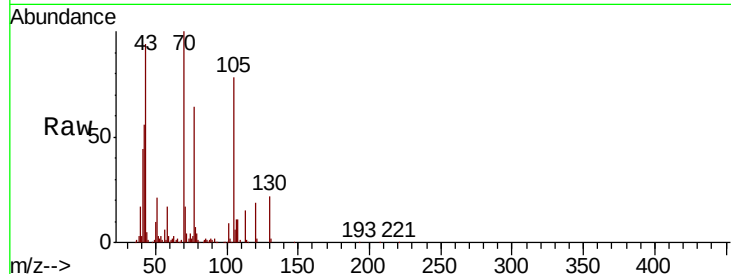
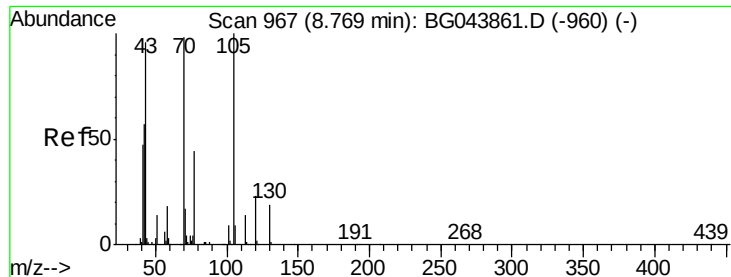
mohammad
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#18
Hexachloroethane
Concen: 41.281 ng
RT: 9.03 min Scan# 1011
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
117	100	101697		
119	95.4	78.1	117.1	
201	102.8	78.6	117.8	





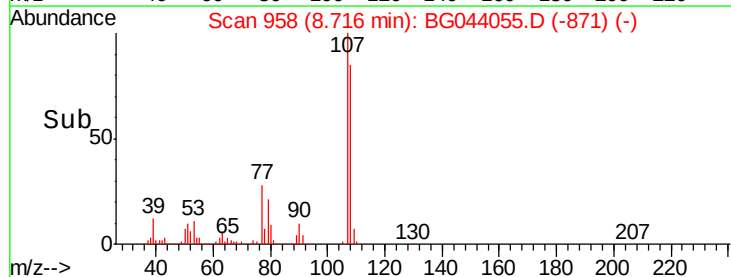
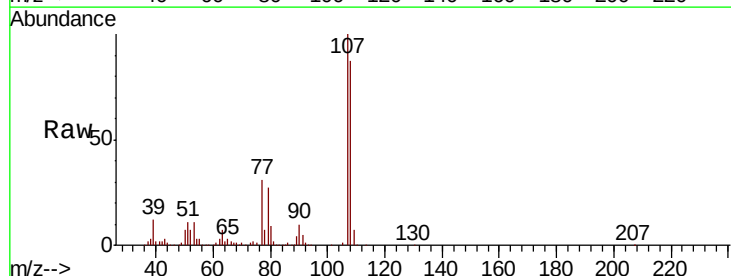
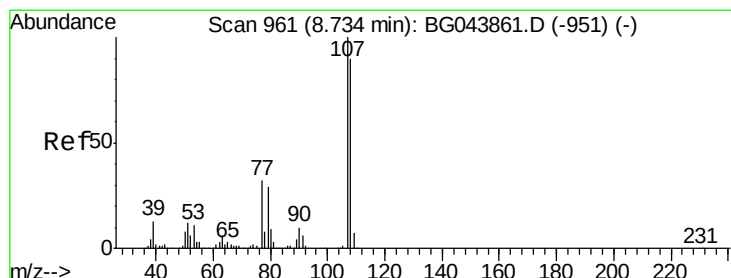
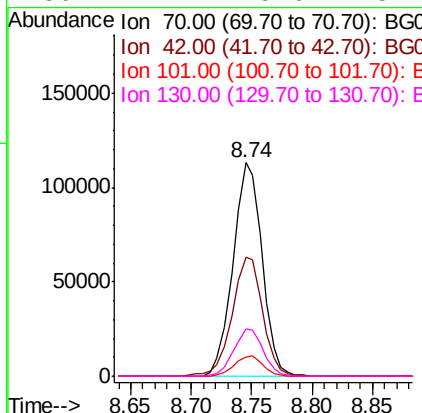
#19
n-Nitroso-di-n-propylamine
Concen: 38.991 ng
RT: 8.74 min Scan# 963
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.8	47.0	70.4	
101	9.2	7.2	10.8	
130	22.1	15.6	23.4	

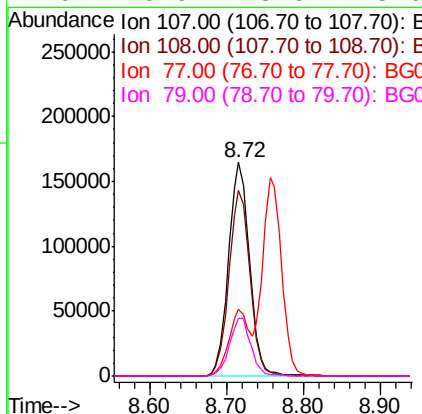
Manual Integrations
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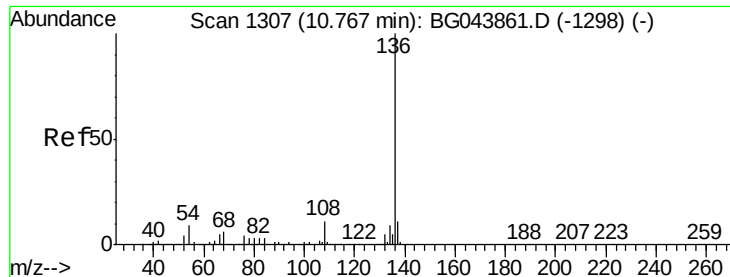
mohammad
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#20
3+4-Methylphenols
Concen: 46.207 ng
RT: 8.72 min Scan# 958
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	87.0	70.3	110.3	
77	31.3	12.4	52.4	
79	26.9	8.6	48.6	





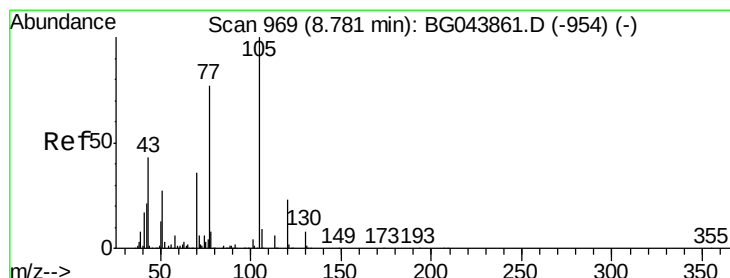
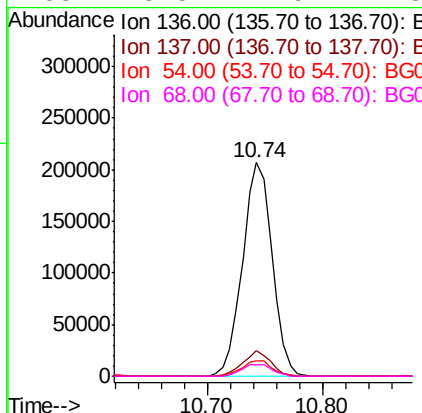
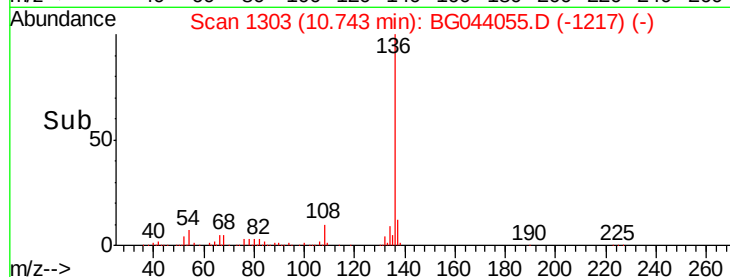
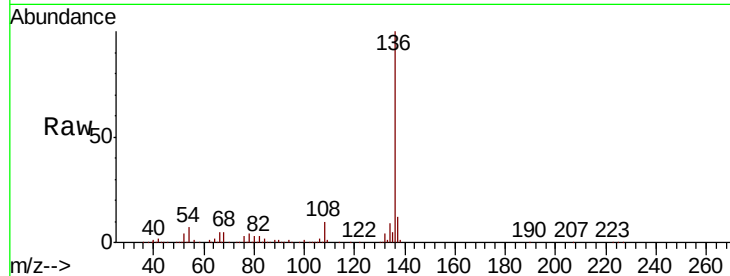
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.74 min Scan# 1303
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		368813		
137	11.7	8.8	13.2		
54	7.3	7.0	10.4		
68	5.5	4.9	7.3		

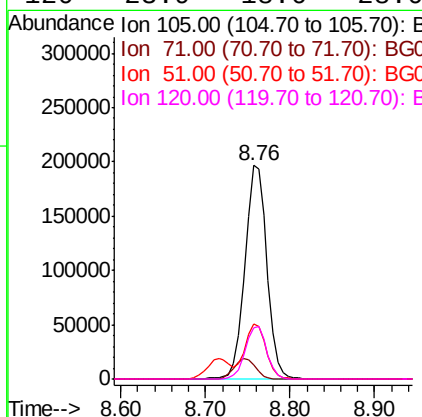
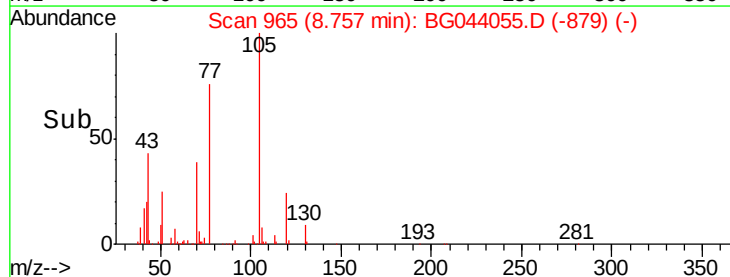
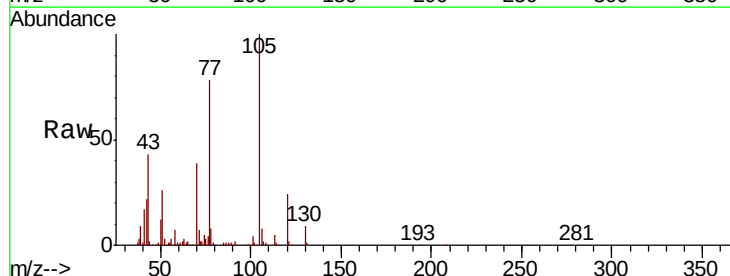
Manual Integrations
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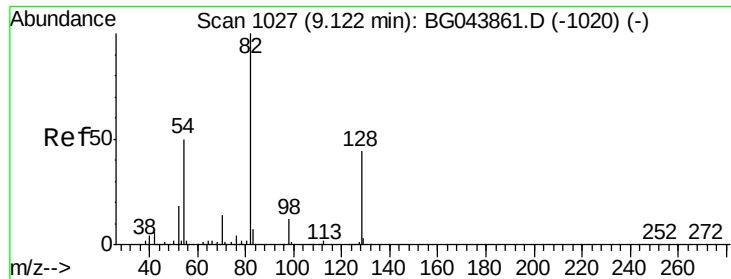
mohammad
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#22
Acetophenone
Concen: 38.571 ng
RT: 8.76 min Scan# 965
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		353658		
71	6.5	4.8	7.2		
51	25.8	21.4	32.0		
120	23.9	18.6	28.0		





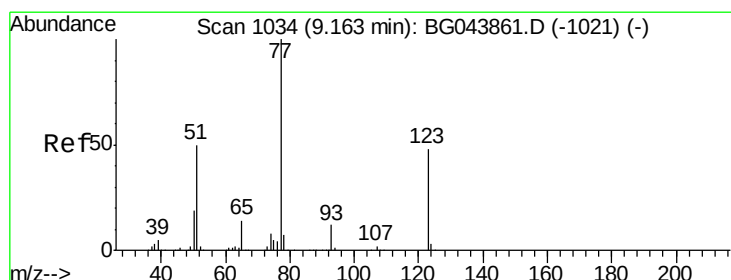
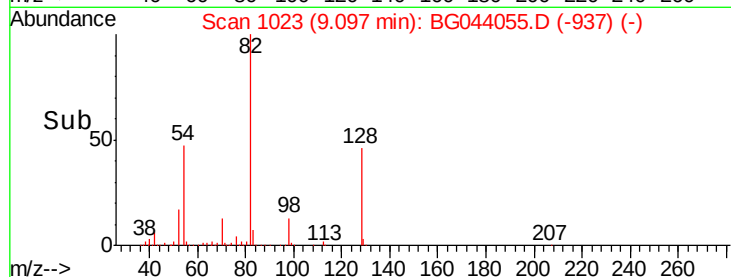
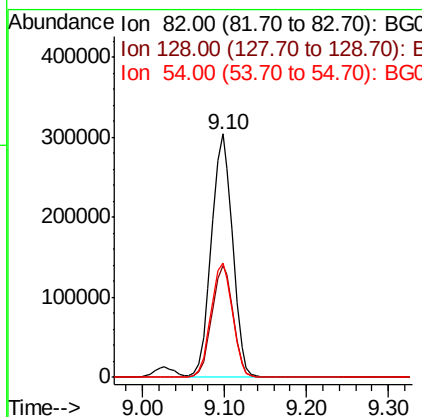
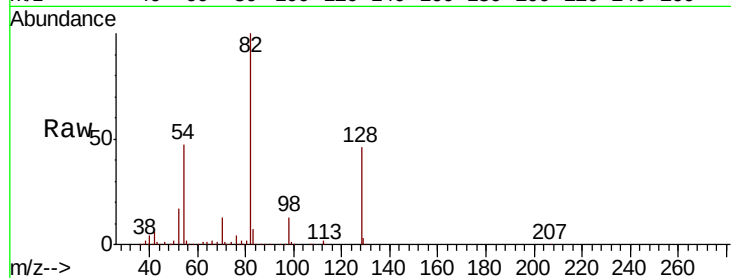
#23
Nitrobenzene-d5
Concen: 79.678 ng
RT: 9.10 min Scan# 1023
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	46.1	35.1	52.7
54	47.1	40.1	60.1

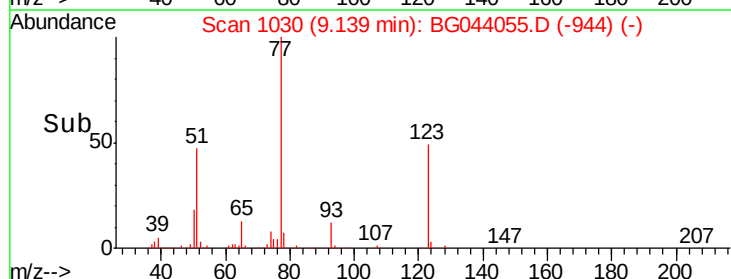
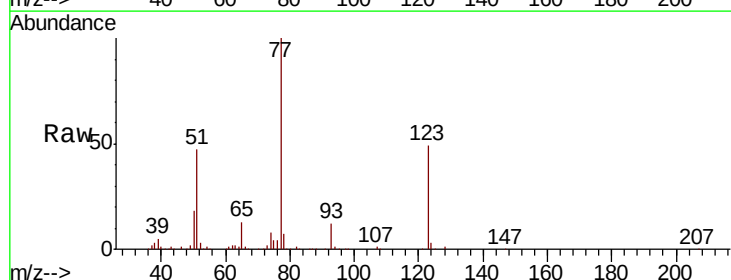
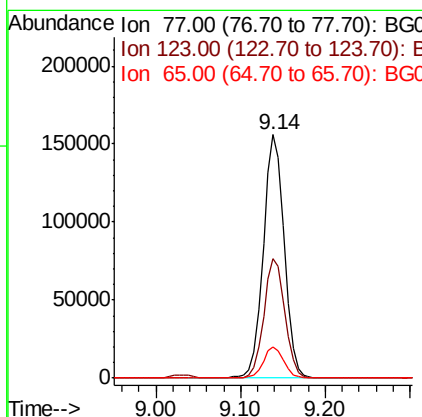
Manual Integrations
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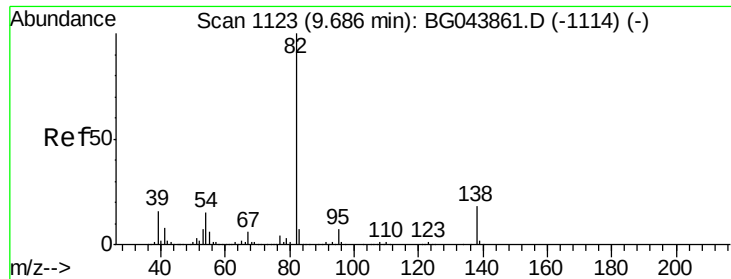
mohammad
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#24
Nitrobenzene
Concen: 39.511 ng
RT: 9.14 min Scan# 1030
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
77	100		
123	49.3	38.7	58.1
65	13.0	11.1	16.7





#25

Isophorone

Concen: 39.745 ng

RT: 9.67 min Scan# 1120

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

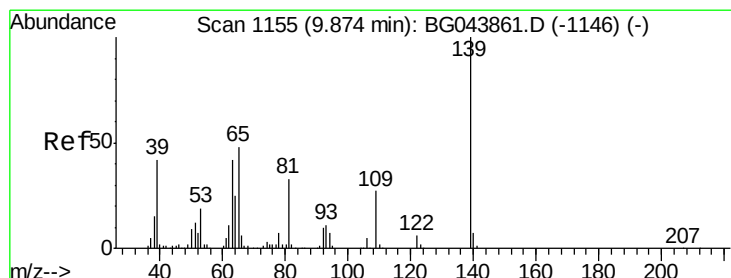
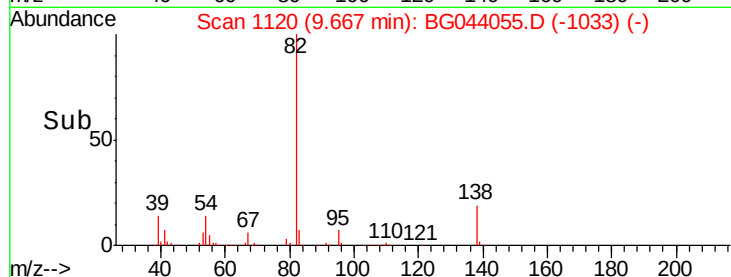
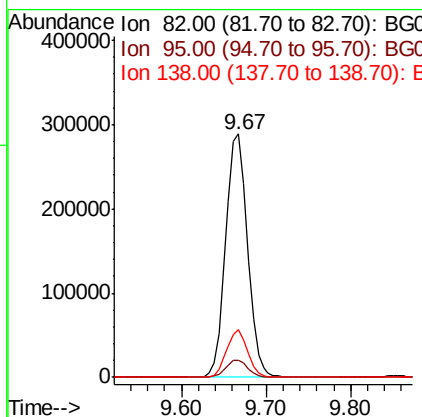
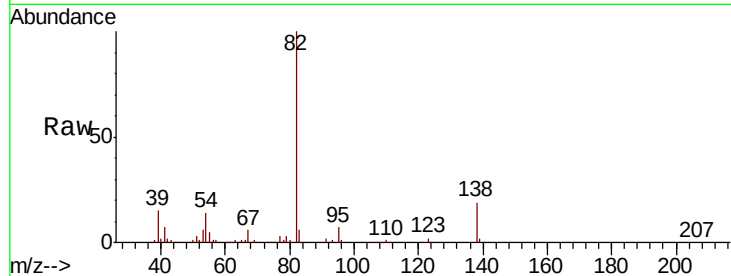
ClientSampleId :

PB126104BSD

Tot Ion:	82	Resp:	514076
Ion Ratio	Lower	Upper	
82	100		
95	7.1	5.8	8.6
138	19.4	14.6	22.0

Manual Integrations
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#26

2-Nitrophenol

Concen: 46.639 ng

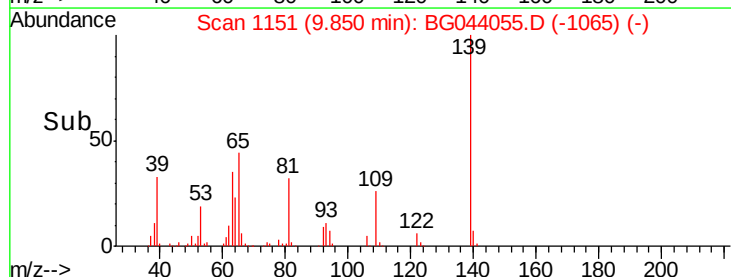
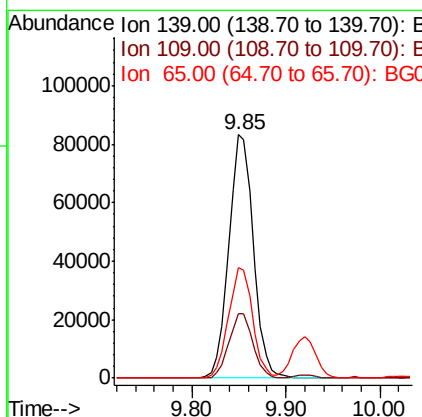
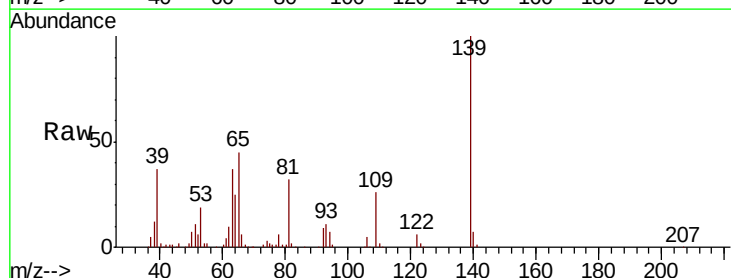
RT: 9.85 min Scan# 1151

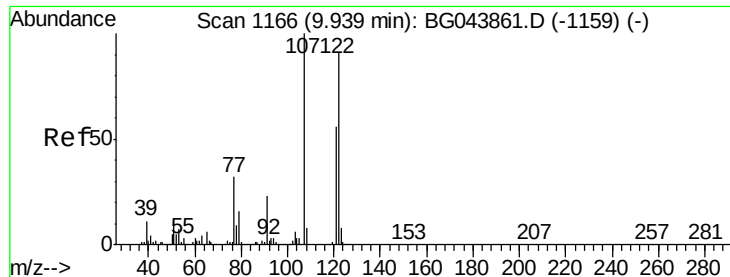
Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Tgt Ion:	139	Resp:	150668
Ion Ratio	Lower	Upper	
139	100		
109	26.5	21.3	31.9
65	45.3	38.6	57.8





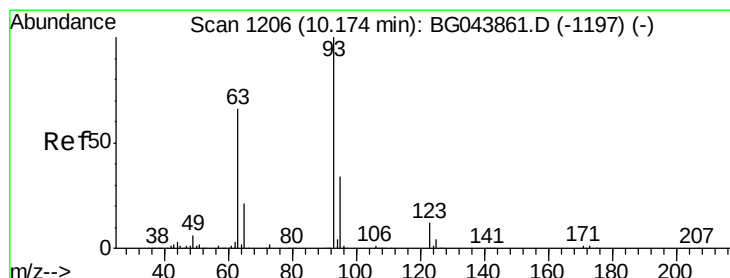
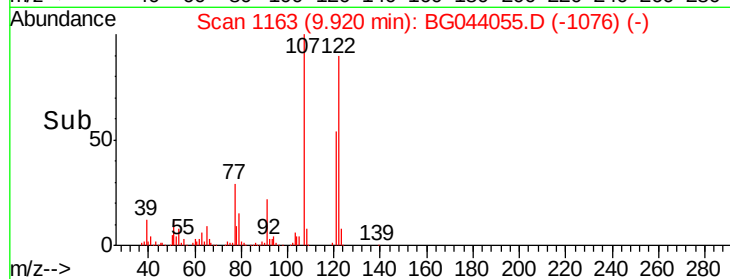
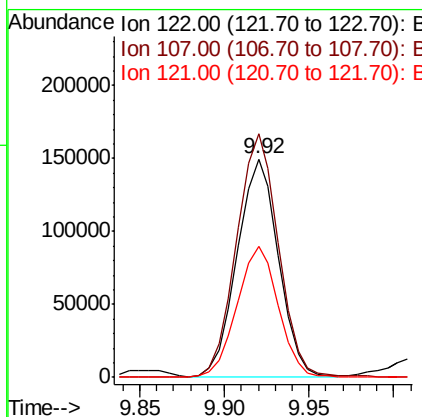
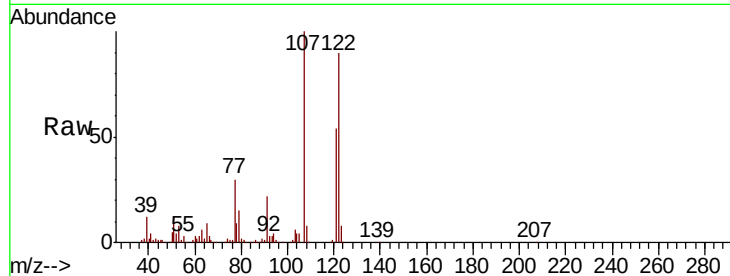
#27
2,4-Dimethylphenol
Concen: 52.327 ng
RT: 9.92 min Scan# 1163
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	254463		
107	111.7	88.0	132.0	
121	60.3	49.0	73.4	

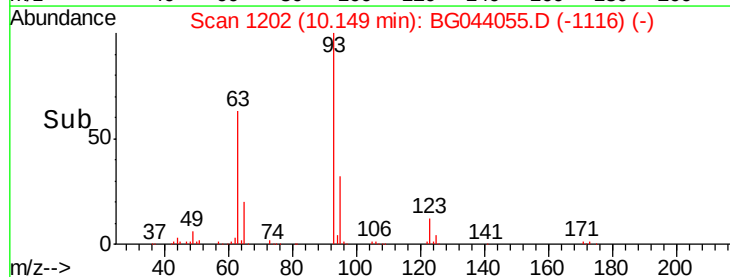
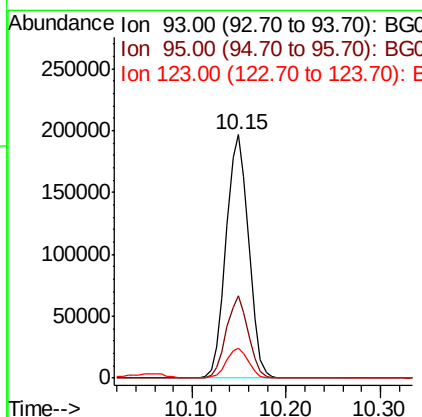
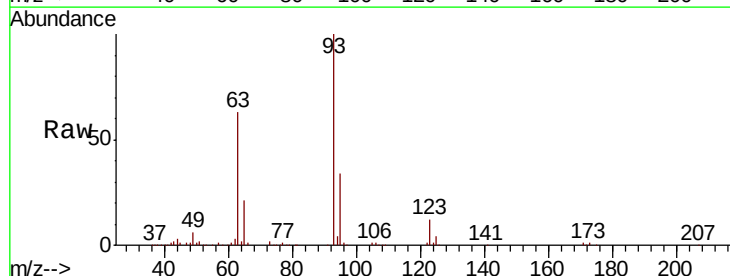
Manual Integrations
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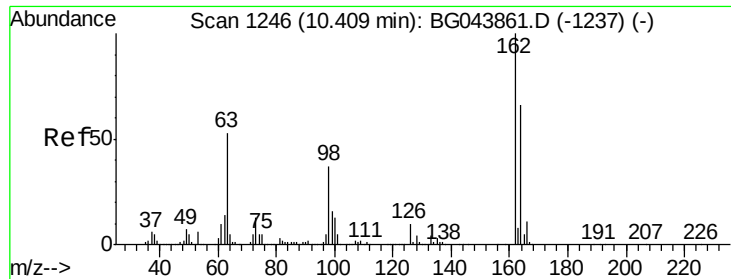
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#28
bis(2-Chloroethoxy)methane
Concen: 38.164 ng
RT: 10.15 min Scan# 1202
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	329086		
95	33.7	27.2	40.8	
123	12.4	9.7	14.5	





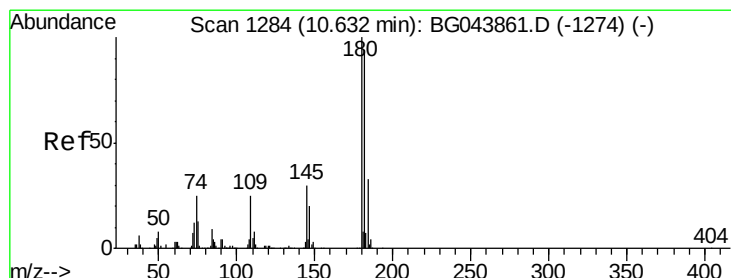
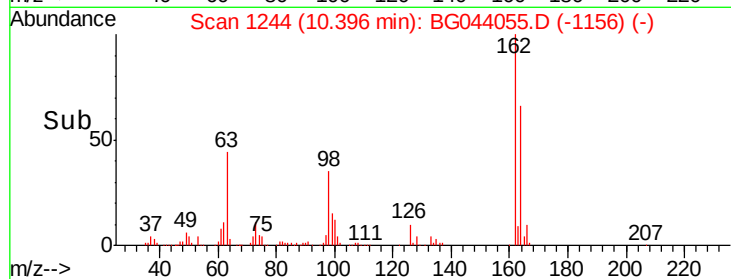
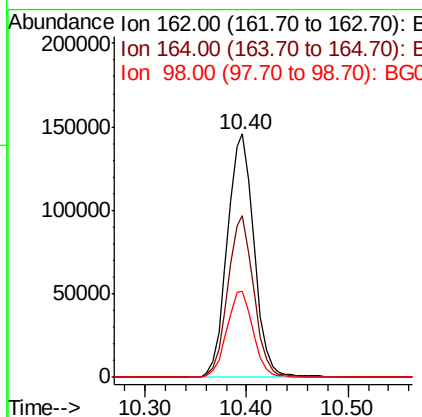
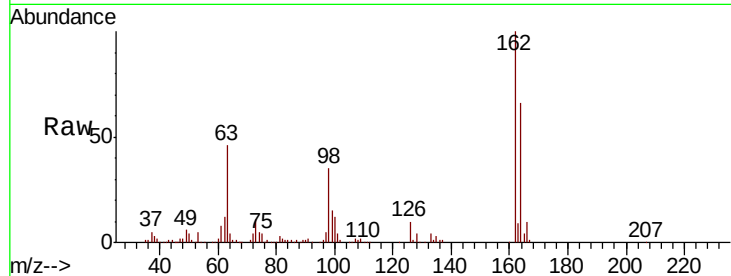
#29
2,4-Dichlorophenol
Concen: 45.997 ng
RT: 10.40 min Scan# 1244
Delta R.T. -0.01 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Resp Lower	Resp Upper
162	100		
164	66.2	46.3	86.3
98	35.2	17.3	57.3

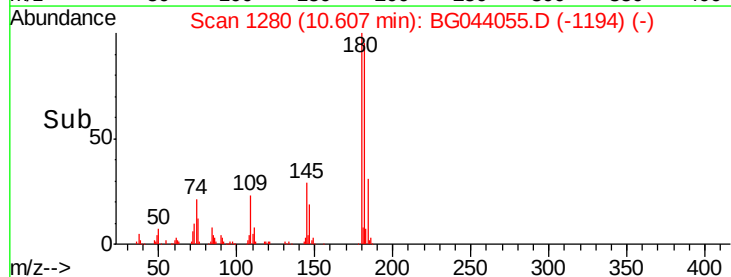
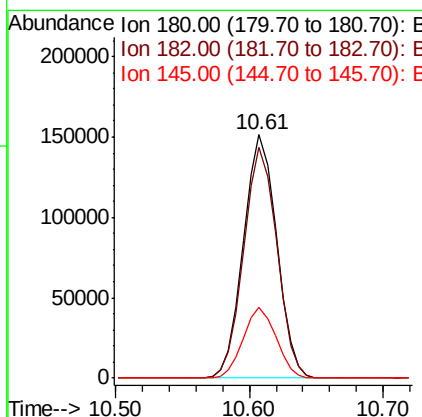
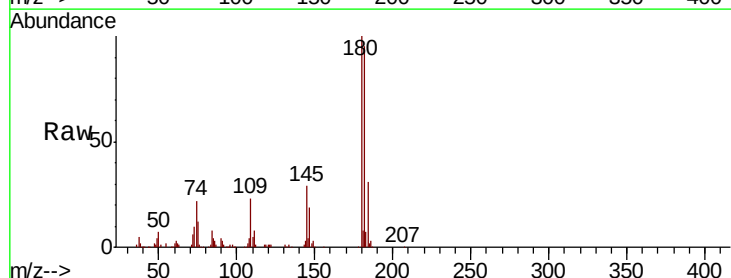
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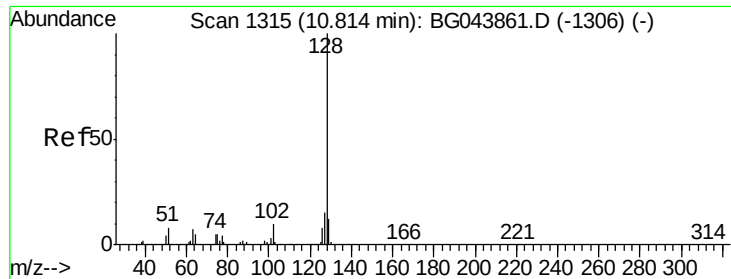
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#30
1,2,4-Trichlorobenzene
Concen: 40.096 ng
RT: 10.61 min Scan# 1280
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Resp Lower	Resp Upper
180	100		
182	94.9	75.0	112.4
145	28.9	24.2	36.4





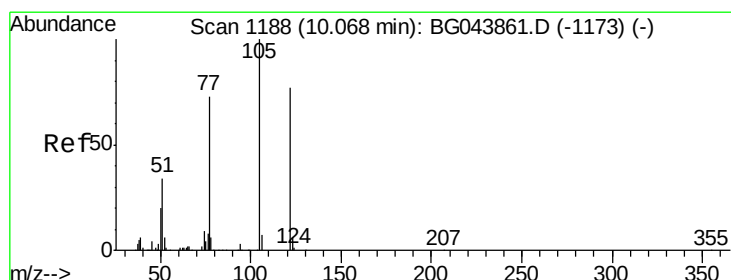
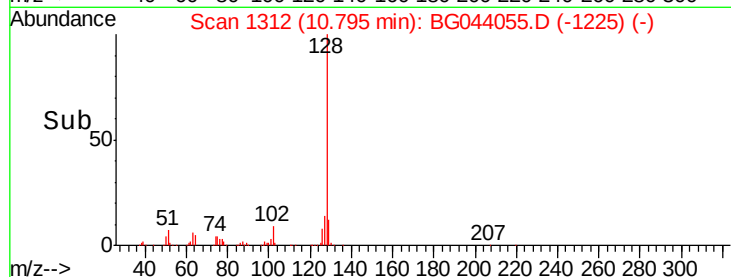
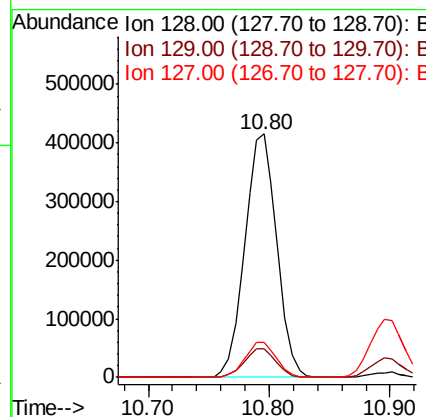
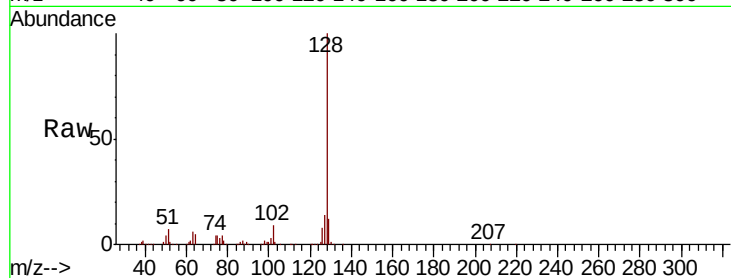
#31
Naphthalene
Concen: 42.602 ng
RT: 10.80 min Scan# 1312
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.7	9.8	14.6
127	14.2	12.0	18.0

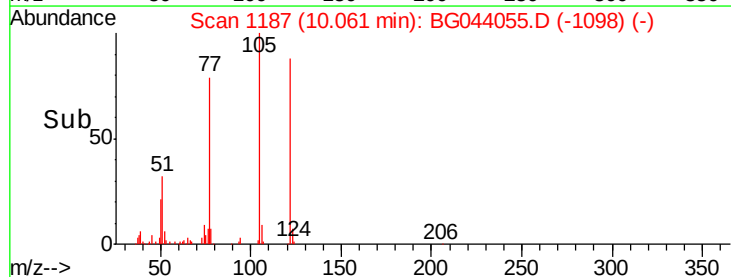
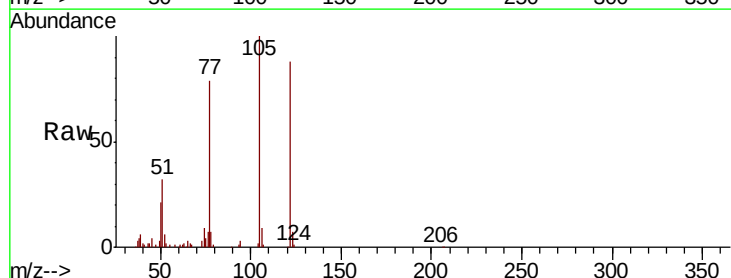
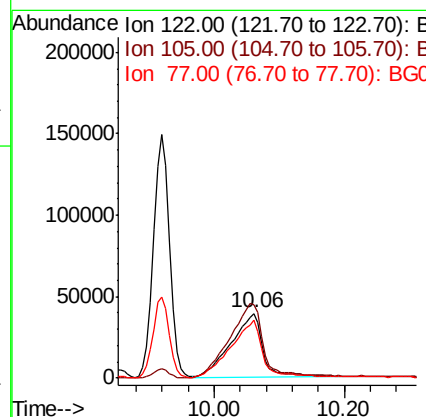
Manual Integrations
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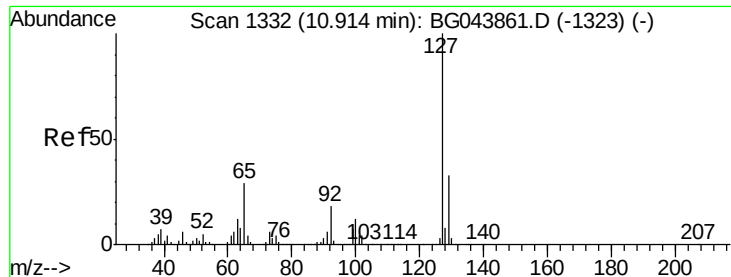
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#32
Benzoic acid
Concen: 35.510 ng
RT: 10.06 min Scan# 1187
Delta R.T. -0.01 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
122	100		
105	114.0	106.4	146.4
77	90.3	74.6	114.6





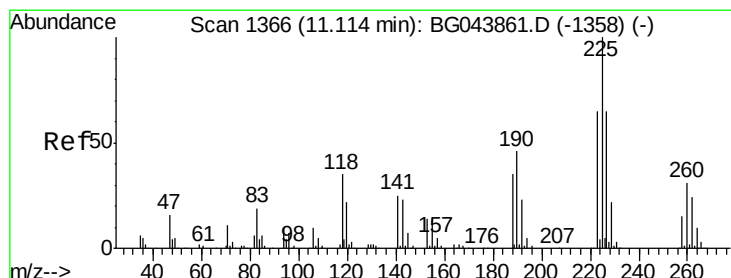
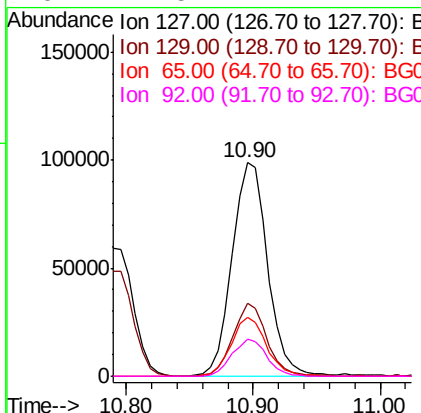
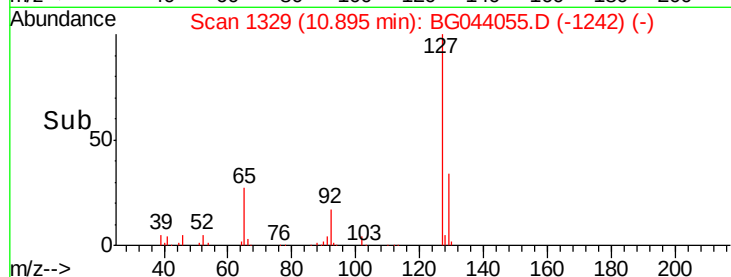
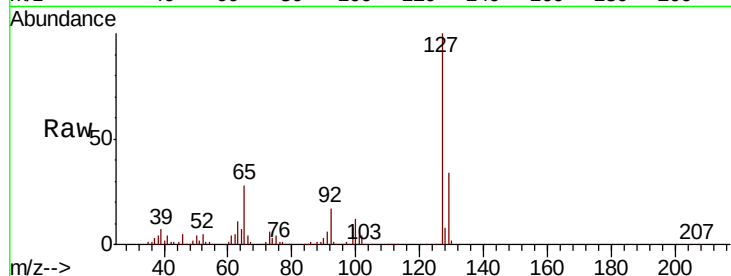
#33
4-Chloroaniline
Concen: 22.549 ng
RT: 10.90 min Scan# 1329
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Resp	Lower	Upper
127	100			
129	34.0	26.6	40.0	
65	27.5	23.3	34.9	
92	17.5	14.7	22.1	

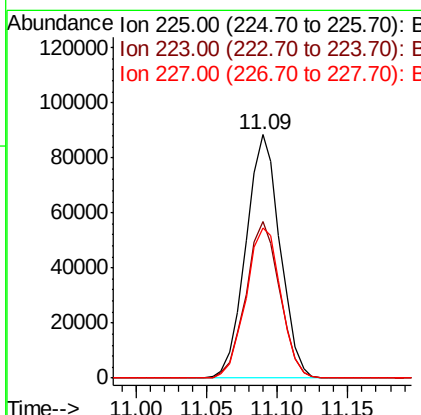
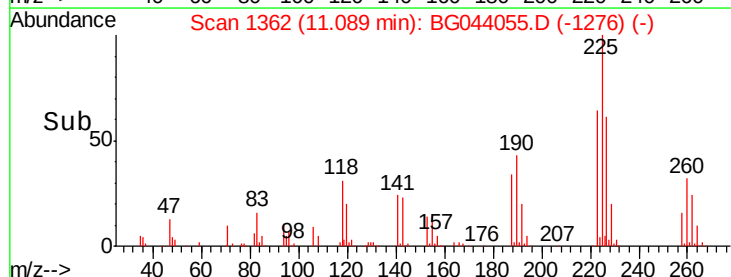
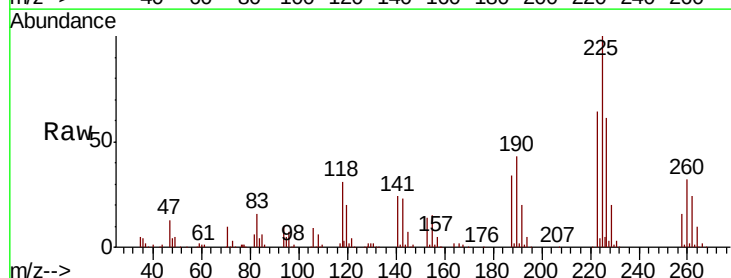
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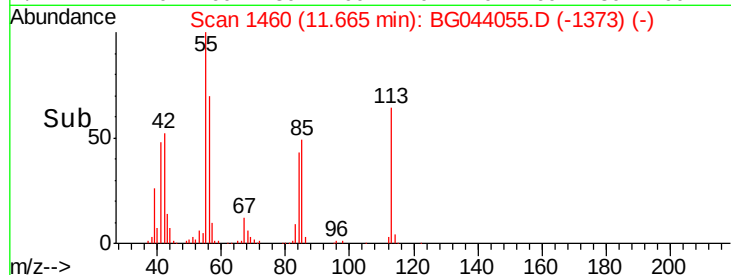
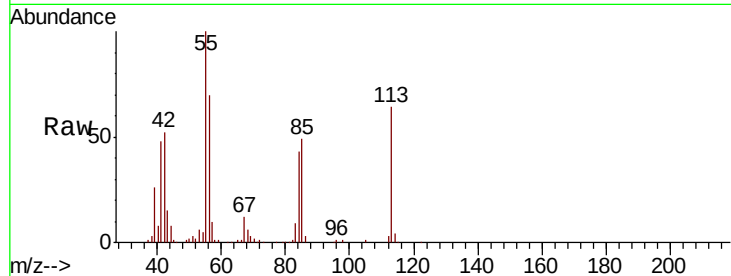
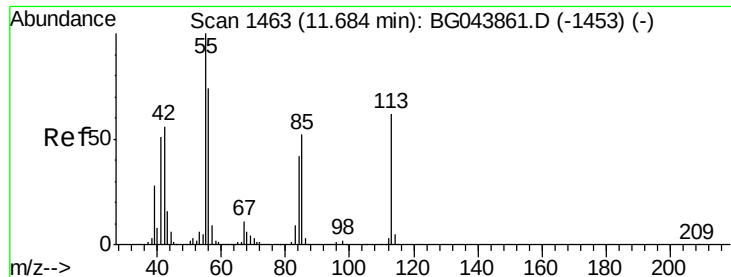
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#34
Hexachlorobutadiene
Concen: 37.676 ng
RT: 11.09 min Scan# 1362
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
225	100			
223	64.1	52.2	78.4	
227	61.5	52.1	78.1	





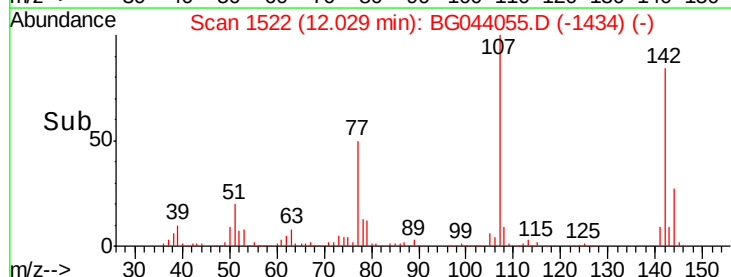
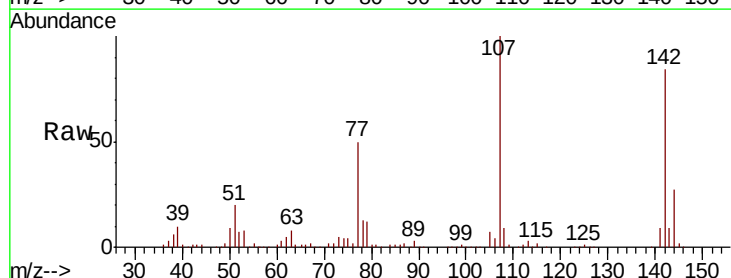
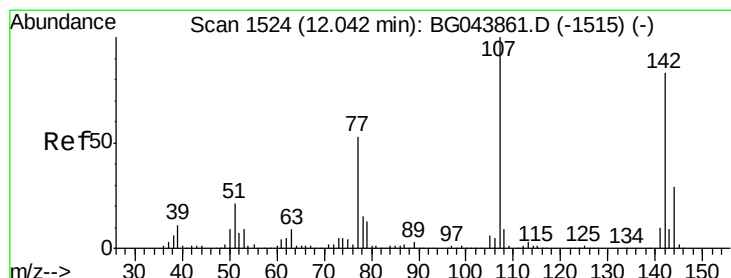
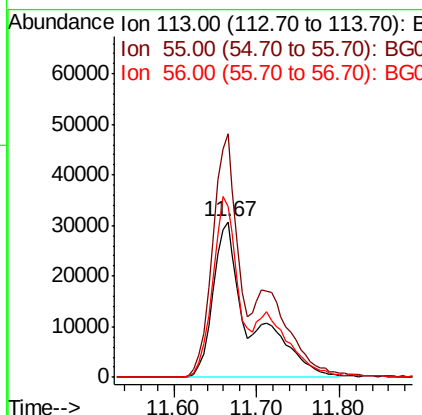
#35
Caprolactam
Concen: 45.110 ng/ml
RT: 11.67 min Scan# 1460
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tot Ion	Ratio	Lower	Upper
113	100		
55	156.6	142.5	182.5
56	109.5	101.4	141.4

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

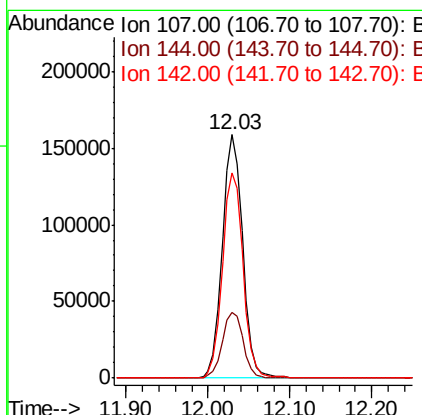
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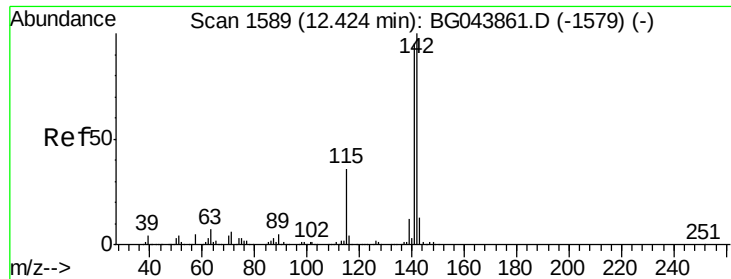
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#36
4-Chloro-3-methylphenol
Concen: 44.706 ng/ml
RT: 12.03 min Scan# 1522
Delta R.T. -0.01 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
107	100		
144	26.8	23.4	35.2
142	84.2	66.3	99.5





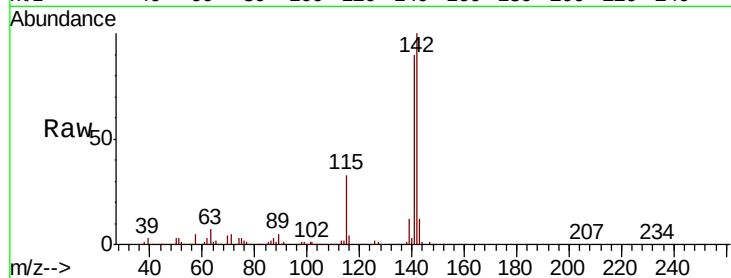
#37
2-Methylnaphthalene
Concen: 42.669 ng
RT: 12.40 min Scan# 1585
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	90.4	75.8	113.8
115	33.2	28.6	42.8

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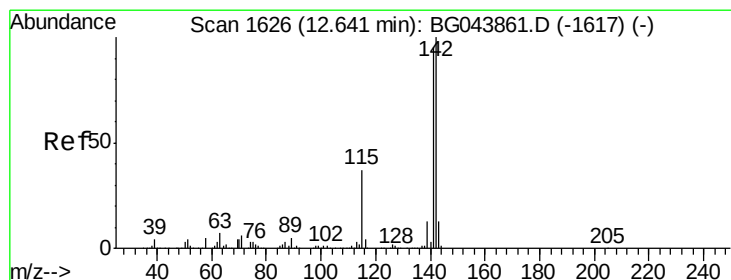
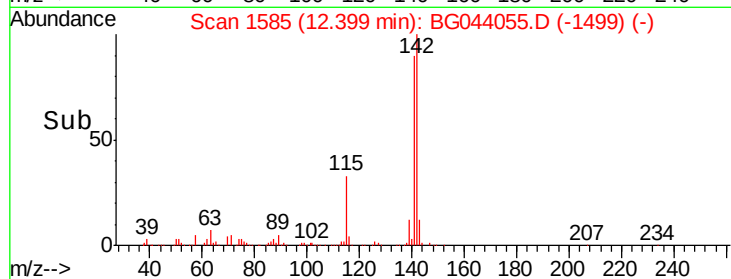
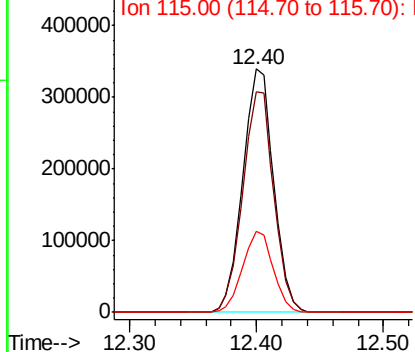


Abundance

Ion 142.00 (141.70 to 142.70): E

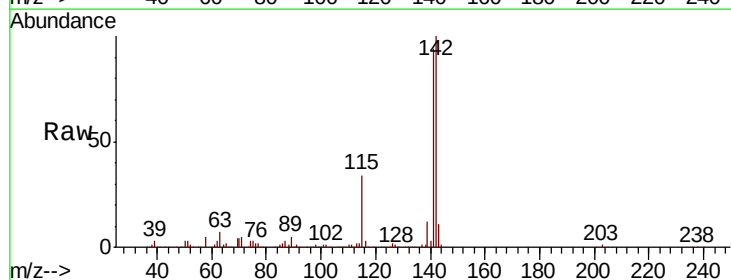
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 42.782 ng
RT: 12.62 min Scan# 1623
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.0	76.0	114.0
116	3.4	3.1	4.7

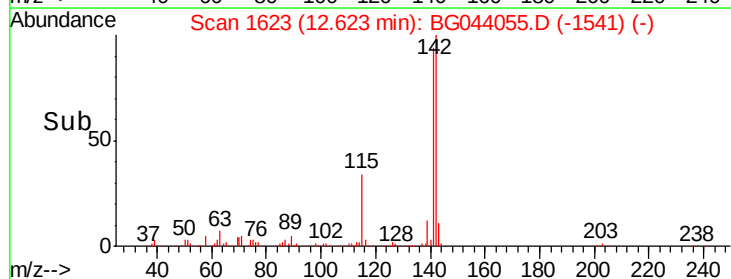
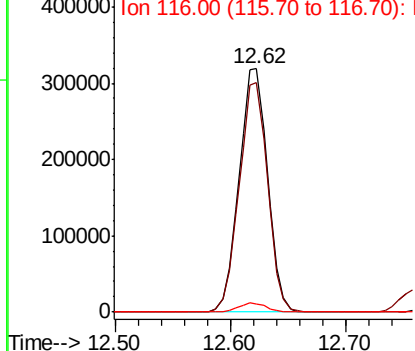


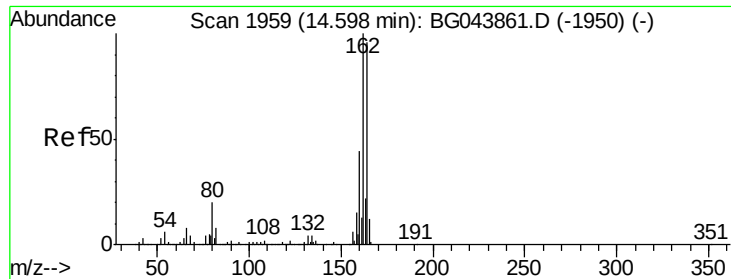
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





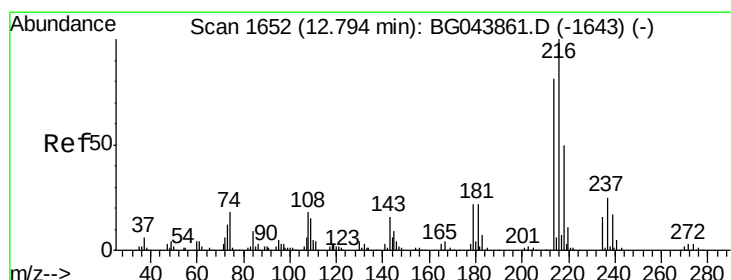
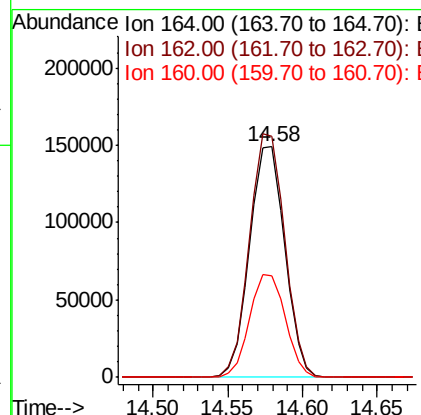
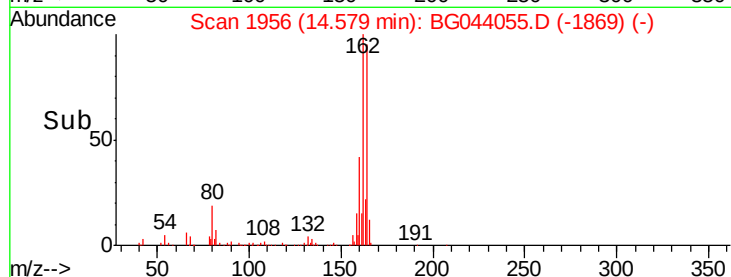
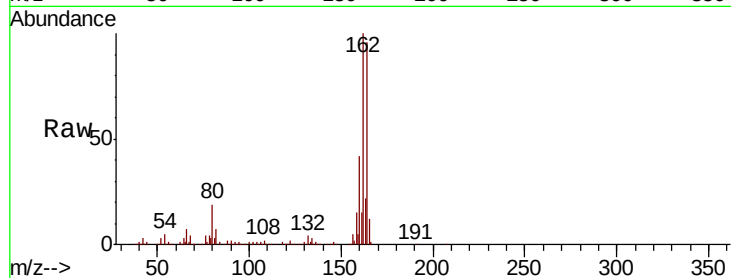
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.58 min Scan# 1956
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	104.6	83.0	124.4	
160	44.1	36.1	54.1	

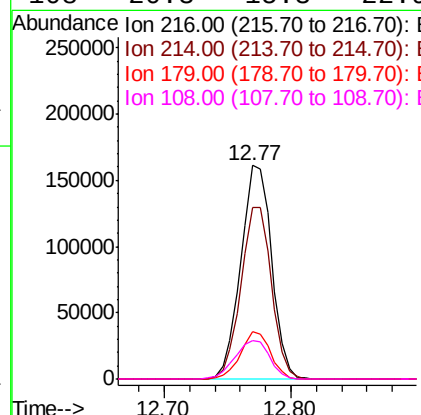
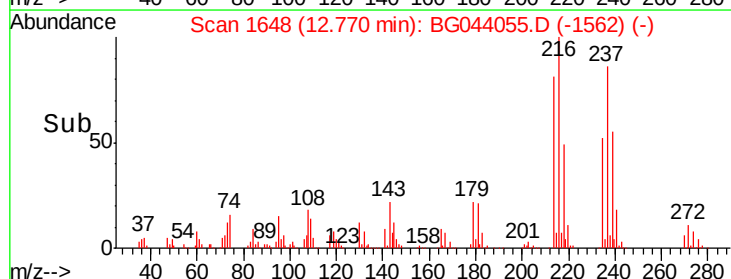
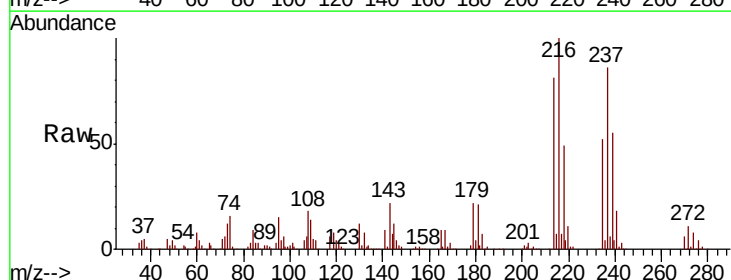
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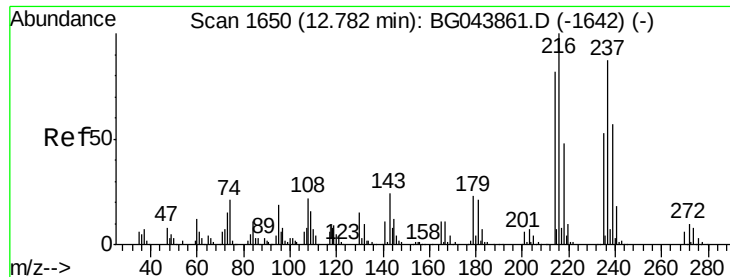
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 38.102 ng
RT: 12.77 min Scan# 1648
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	79.4	63.8	95.8	
179	21.2	17.3	25.9	
108	20.3	15.3	22.9	





#41

Hexachlorocyclopentadiene

Concen: 98.679 ng

RT: 12.76 min Scan# 1646

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

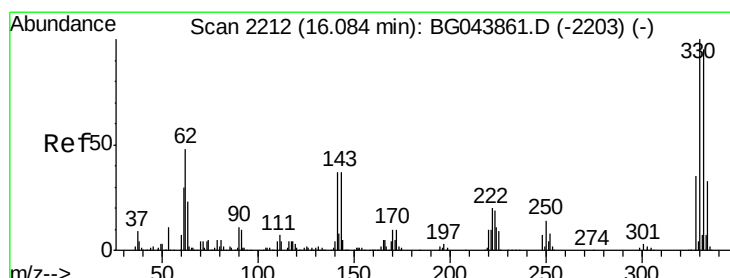
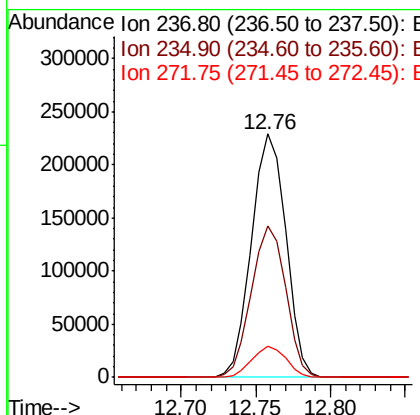
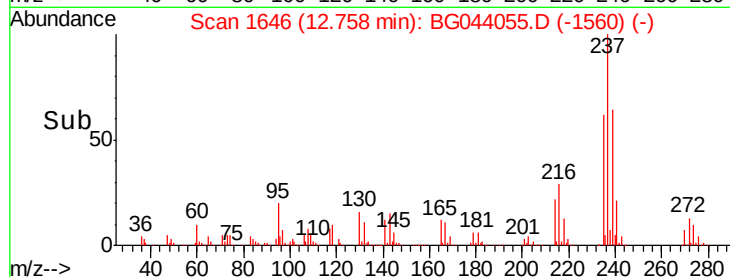
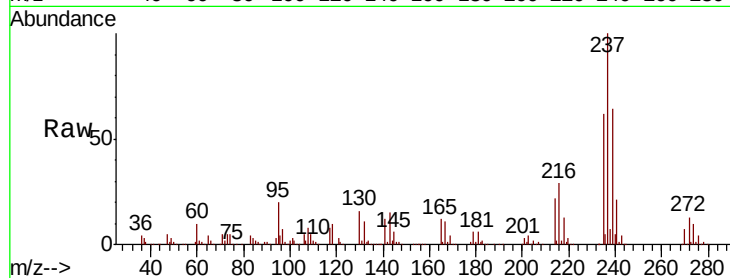
ClientSampleId :

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Tot Ion:	237	Resp:	365019
Ion Ratio	Lower	Upper	
237	100		
235	62.0	41.1	81.1
272	12.8	0.0	31.7

Manual Integrations
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#42

2,4,6-Tribromophenol

Concen: 84.896 ng

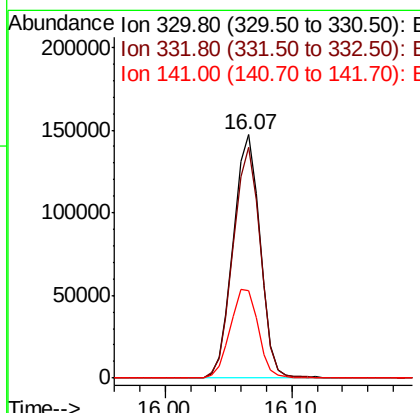
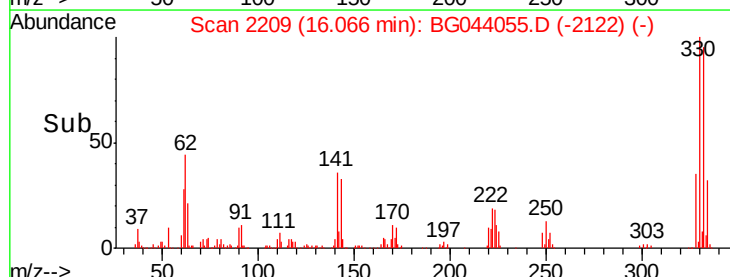
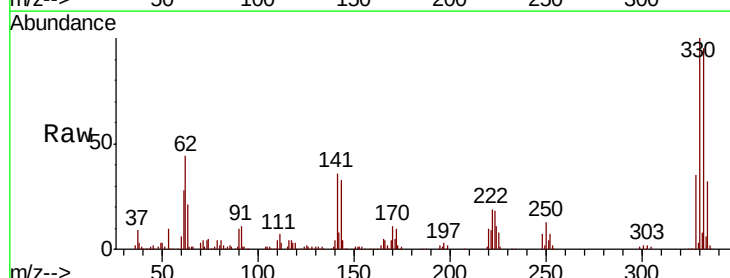
RT: 16.07 min Scan# 2209

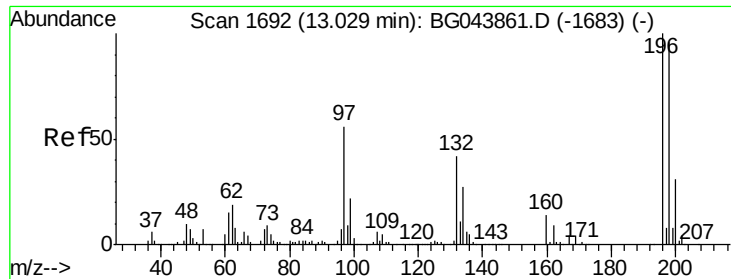
Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Tgt Ion:	330	Resp:	216270
Ion Ratio	Lower	Upper	
330	100		
332	95.9	77.2	115.8
141	37.9	33.1	49.7





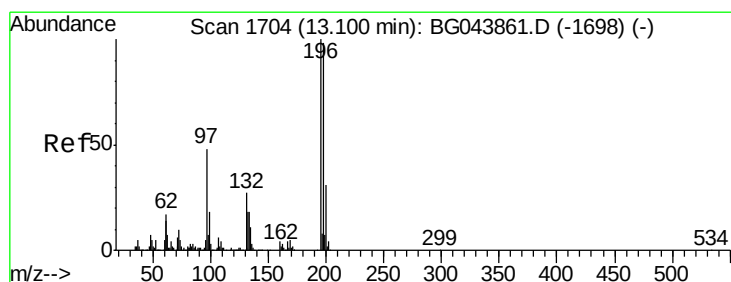
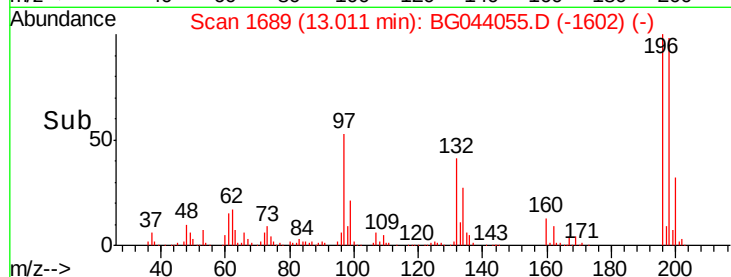
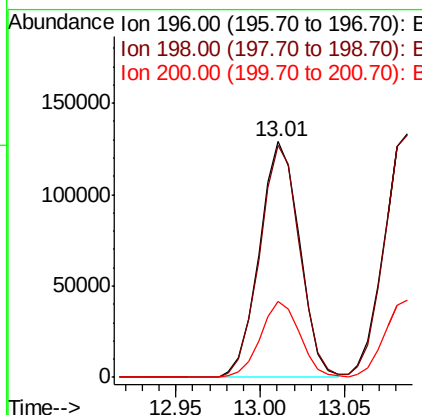
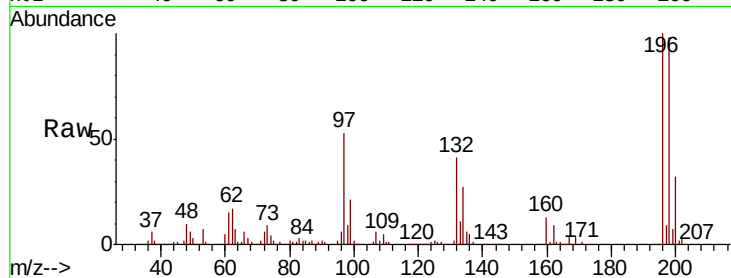
#43
 2,4,6-Trichlorophenol
 Concen: 43.033 ng
 RT: 13.01 min Scan# 1689
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Instrument :
 BNA_G
 ClientSampleId :
 PB126104BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	211270		
198	98.2	76.6	115.0	
200	32.2	24.6	37.0	

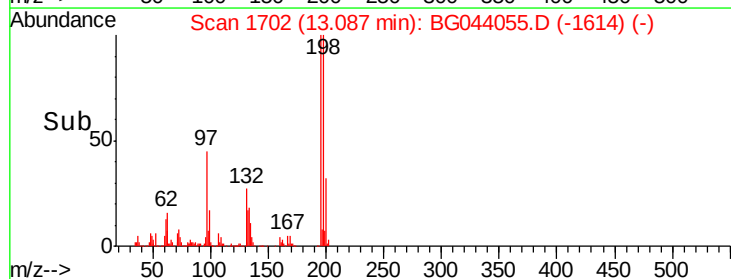
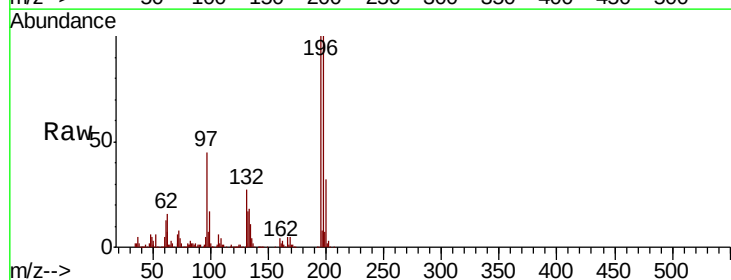
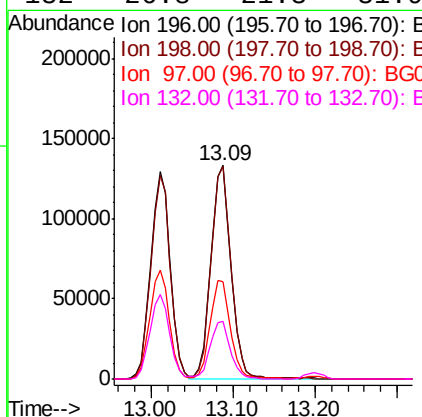
Manual Integrations
 APPROVED

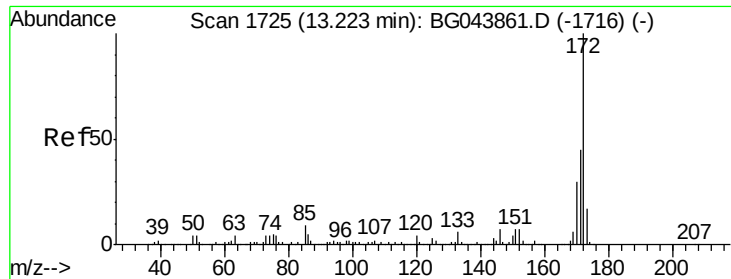
mohammad
 1/16/2020 2:25:53 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.207 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	228908		
198	99.7	78.3	117.5	
97	45.4	38.8	58.2	
132	26.8	21.3	31.9	





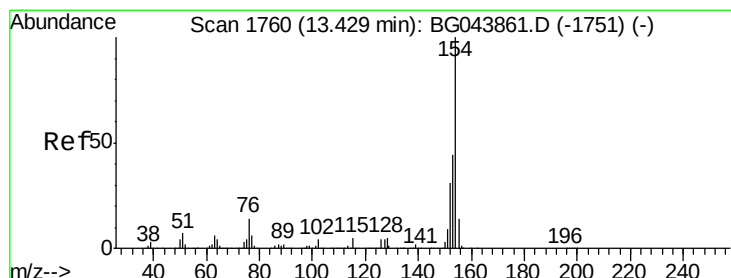
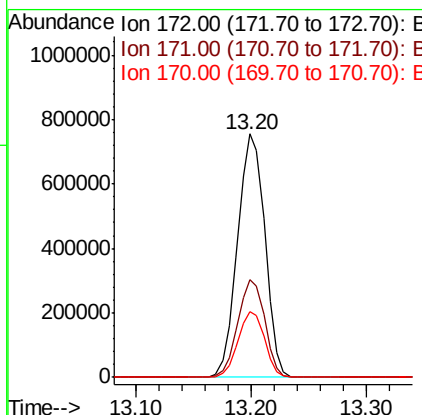
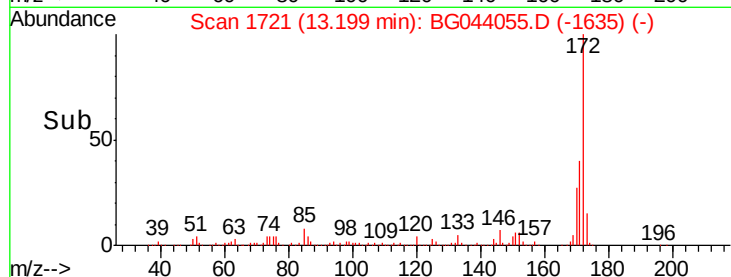
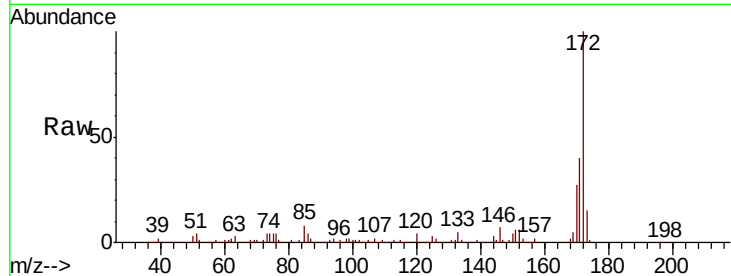
#45
2-Fluorobiphenyl
Concen: 91.976 ng
RT: 13.20 min Scan# 1721
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	40.4	35.8	53.8
170	27.1	24.2	36.4

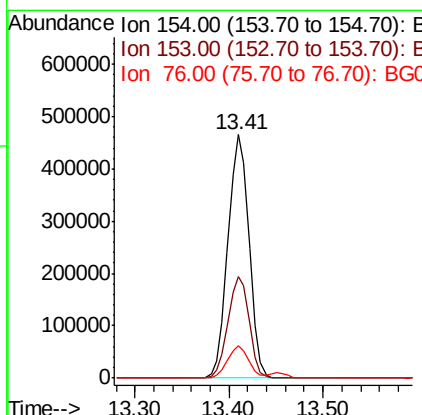
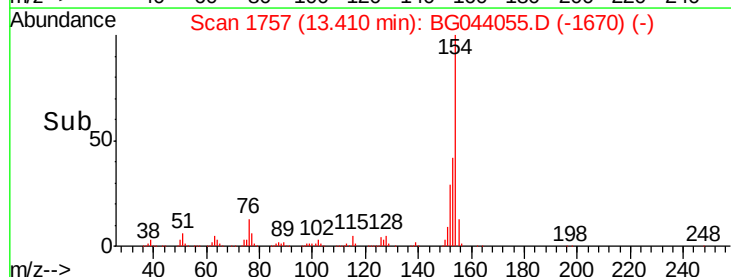
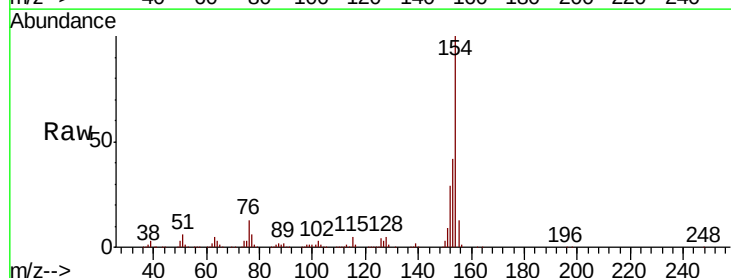
Manual Integrations
APPROVED

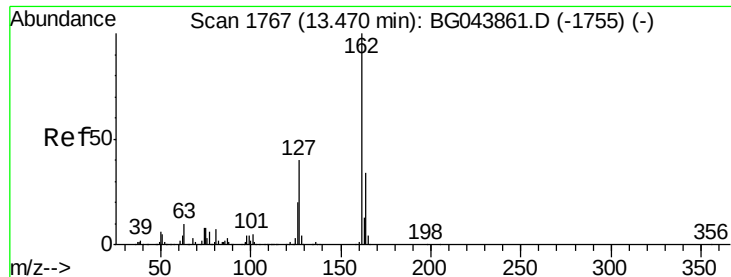
mohammad
1/16/2020 2:25:53 PM



#46
1,1'-Biphenyl
Concen: 41.353 ng
RT: 13.41 min Scan# 1757
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.6	23.6	63.6
76	13.1	0.0	34.4





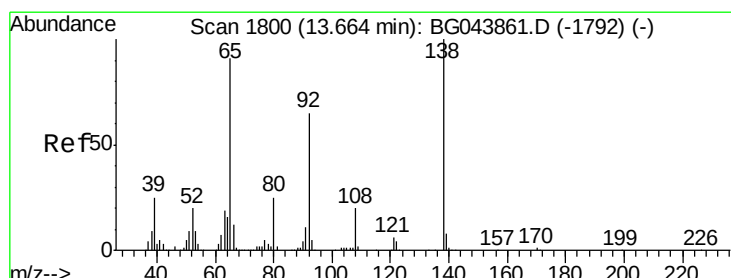
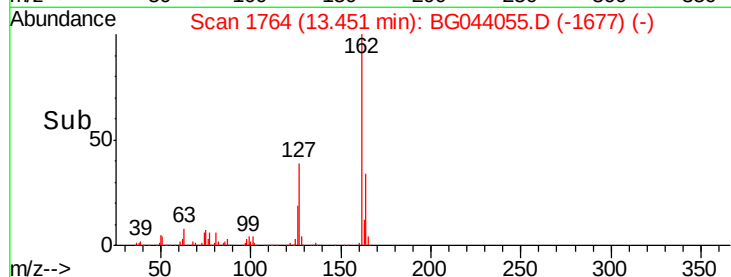
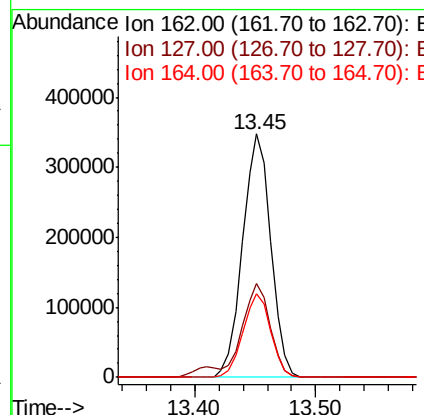
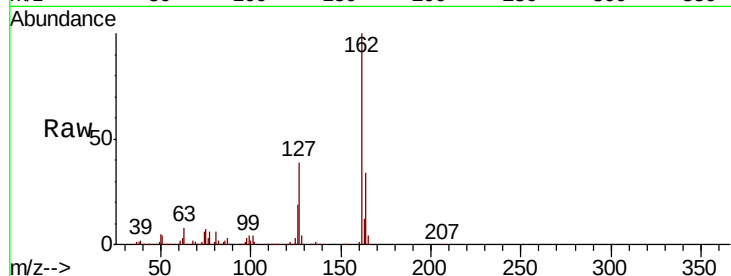
#47
2-Chloronaphthalene
Concen: 39.968 ng
RT: 13.45 min Scan# 1764
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Resp Lower	Upper
162	100		
127	38.6	32.1	48.1
164	34.2	27.5	41.3

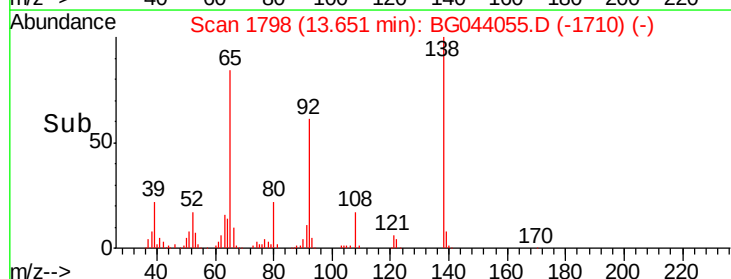
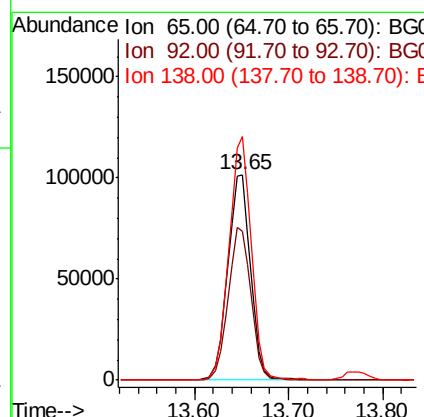
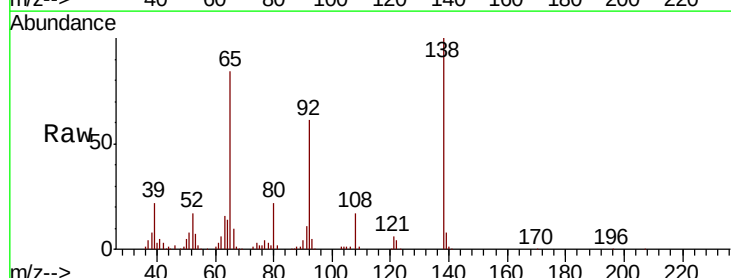
Manual Integrations
APPROVED

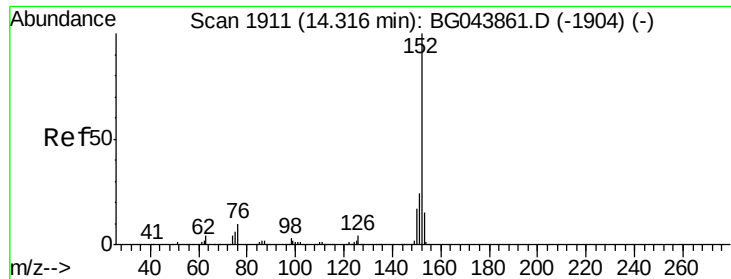
mohammad
1/16/2020 2:25:53 PM



#48
2-Nitroaniline
Concen: 38.183 ng
RT: 13.65 min Scan# 1798
Delta R.T. -0.01 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Resp Lower	Upper
65	100		
92	72.6	57.4	86.2
138	118.6	88.2	132.4





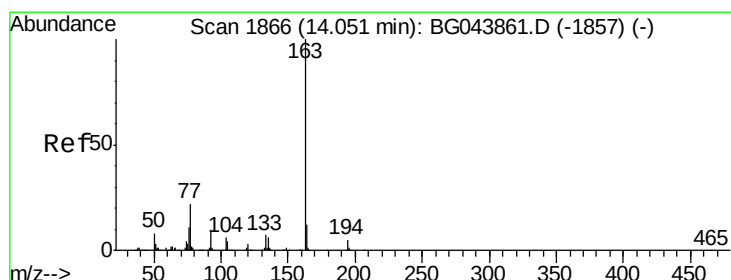
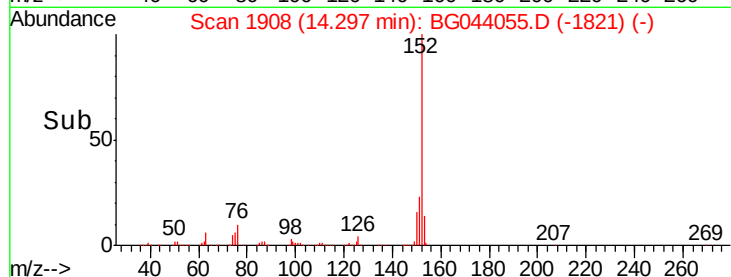
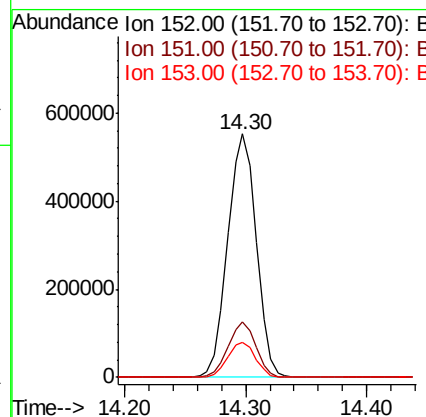
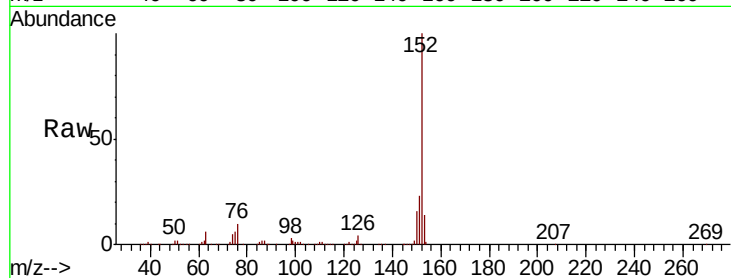
#49
Acenaphthylene
Concen: 44.674 ng
RT: 14.30 min Scan# 1908
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	905590		
151	22.9		19.4	29.2
153	14.1		12.0	18.0

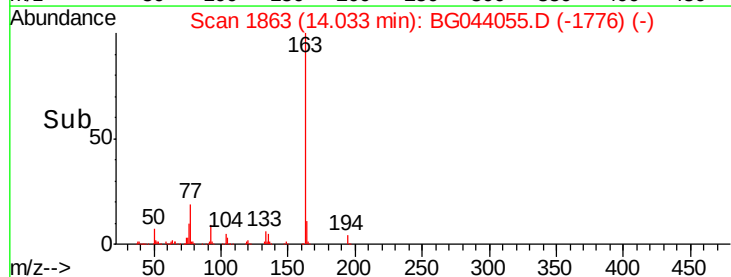
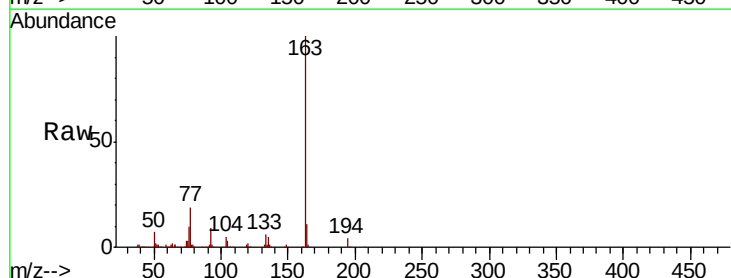
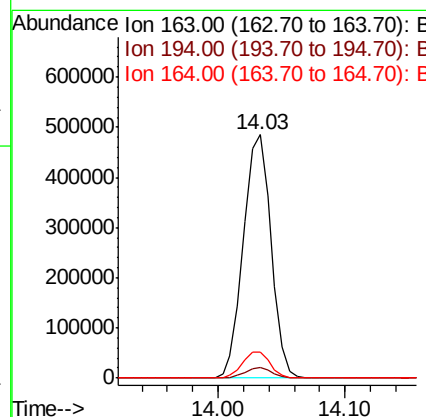
Manual Integrations
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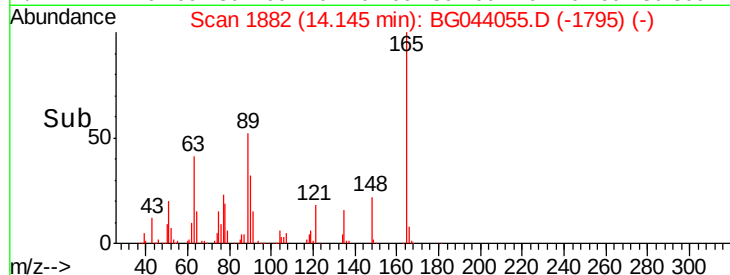
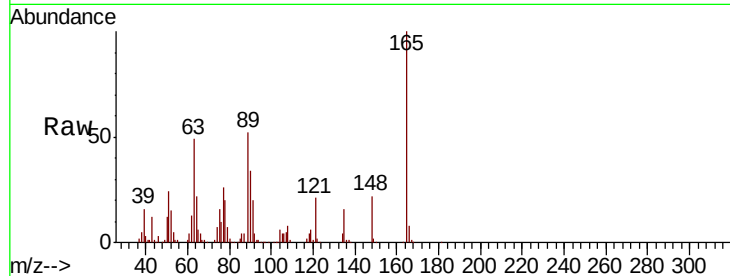
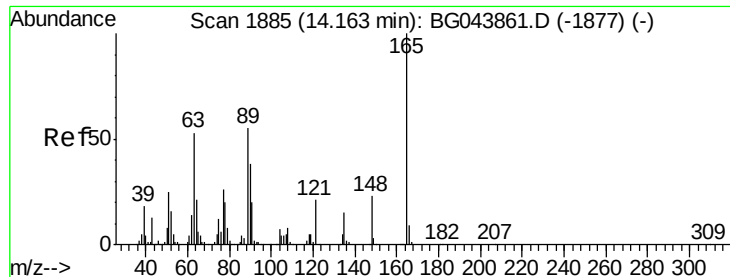
mohammad
1/16/2020 2:25:53 PM



#50
Dimethylphthalate
Concen: 42.491 ng
RT: 14.03 min Scan# 1863
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	734443		
194	4.4		3.7	5.5
164	10.9		9.3	13.9





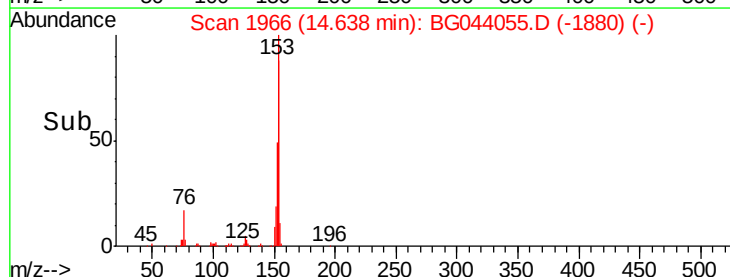
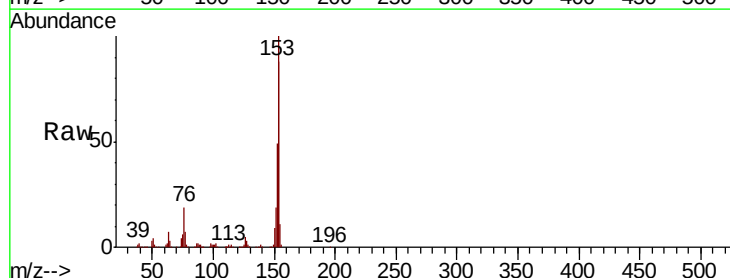
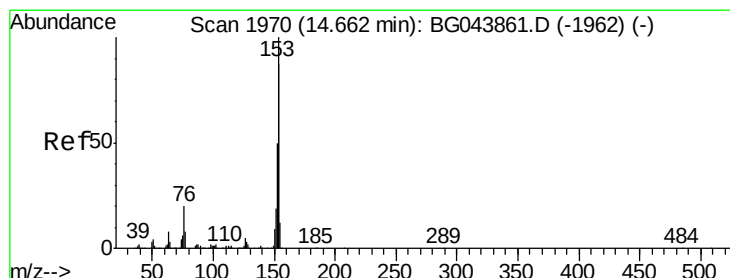
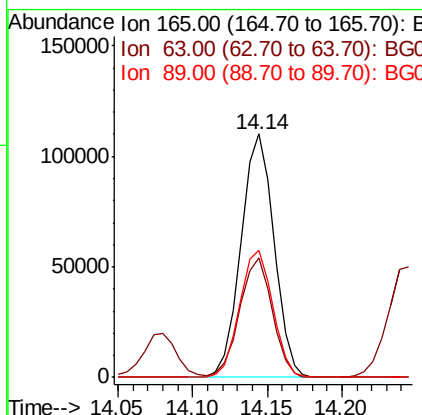
#51
2,6-Dinitrotoluene
Concen: 43.183 ng
RT: 14.14 min Scan# 1882
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampled :
PB126104BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	168706		
63	49.0		43.1	64.7
89	52.1		43.8	65.6

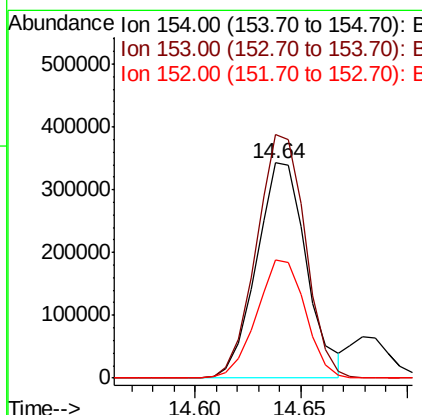
Manual Integrations
APPROVED

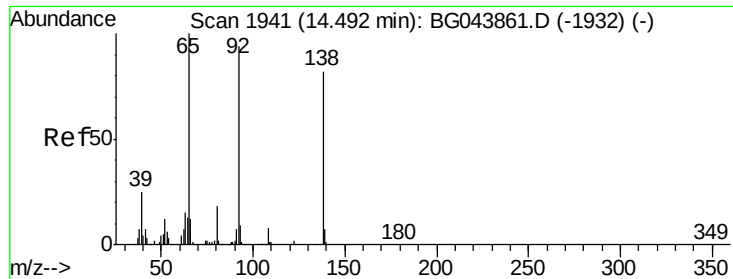
mohammad
1/16/2020 2:25:53 PM



#52
Acenaphthene
Concen: 39.581 ng
RT: 14.64 min Scan# 1966
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	562685		
153	113.2		91.6	137.4
152	55.2		45.4	68.0





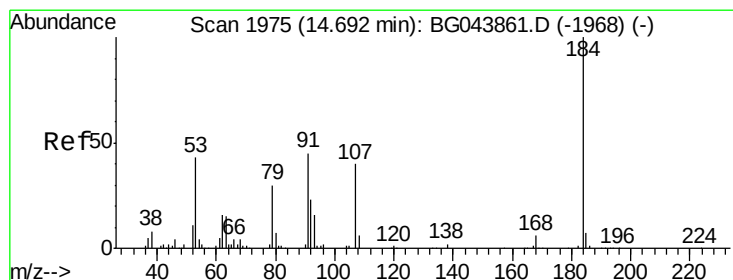
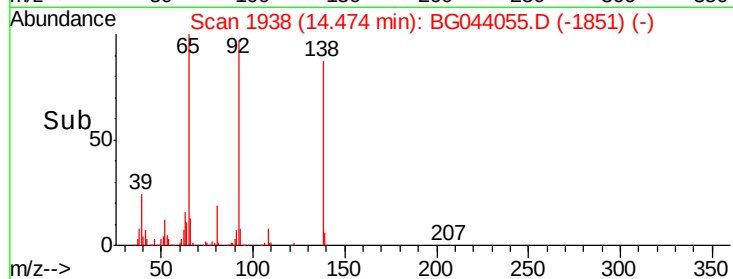
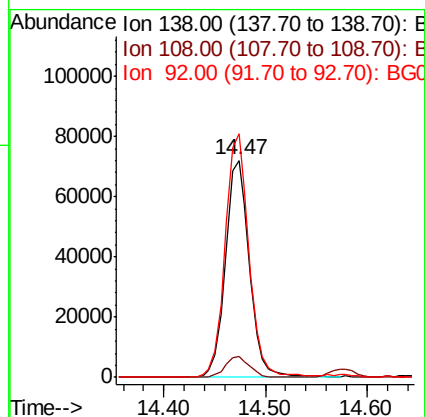
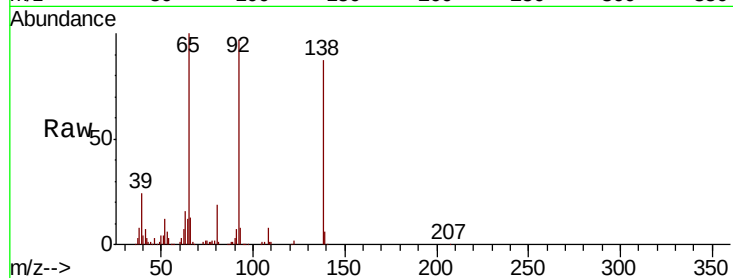
#53
3-Nitroaniline
Concen: 26.662 ng
RT: 14.47 min Scan# 1938
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	9.5	7.4	11.2
92	112.1	92.1	138.1

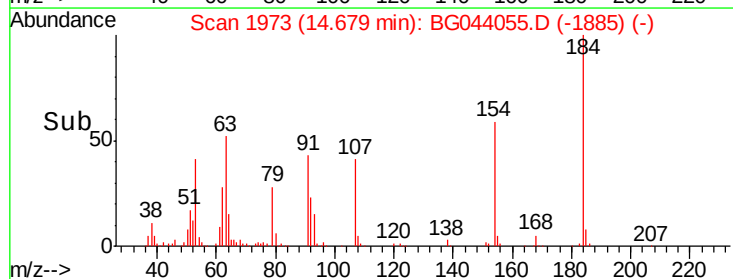
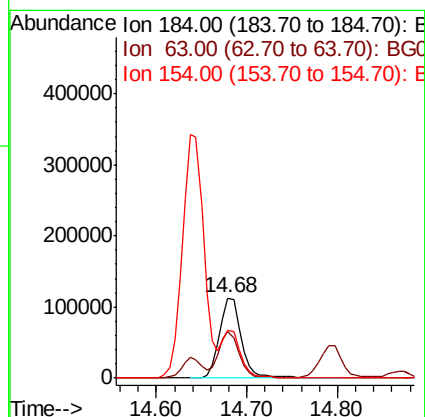
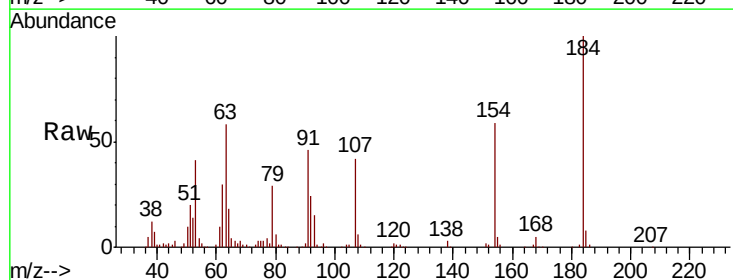
Manual Integrations
APPROVED

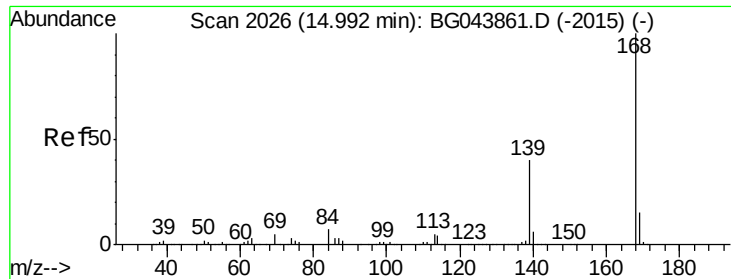
mohammad
1/16/2020 2:25:53 PM



#54
2,4-Dinitrophenol
Concen: 94.405 ng
RT: 14.68 min Scan# 1973
Delta R.T. -0.01 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.4	46.6	70.0
154	59.1	50.2	75.4





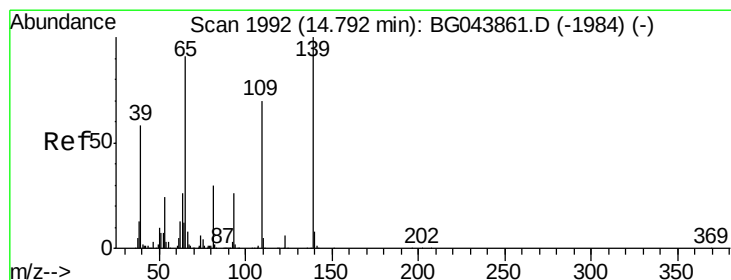
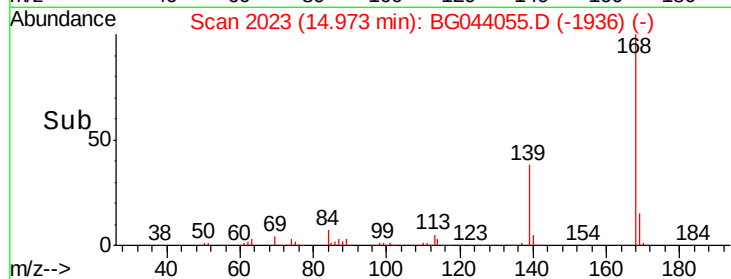
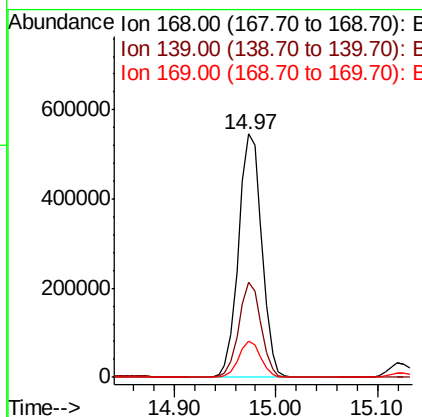
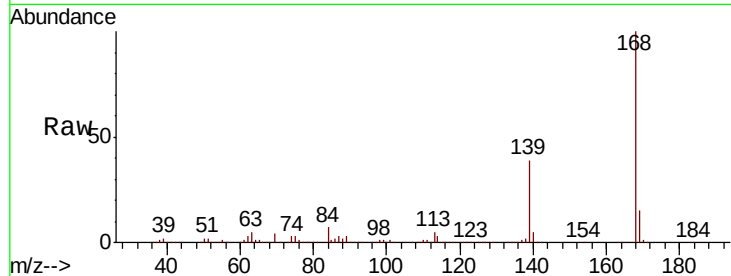
#55
Dibenzenofuran
Concen: 44.181 ng
RT: 14.97 min Scan# 2023
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100	864611		
139	39.0		32.2	48.2
169	14.7		12.2	18.2

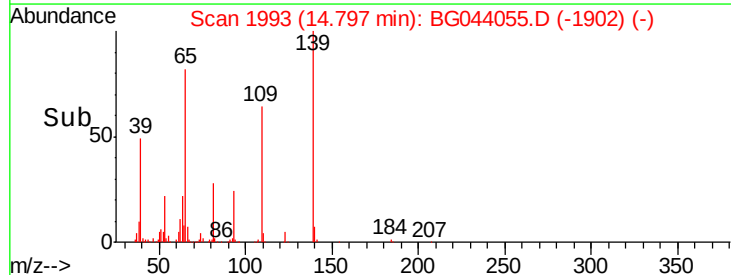
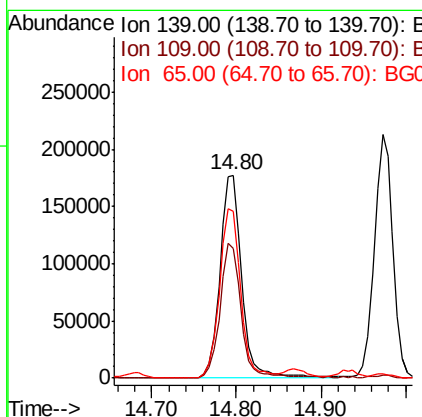
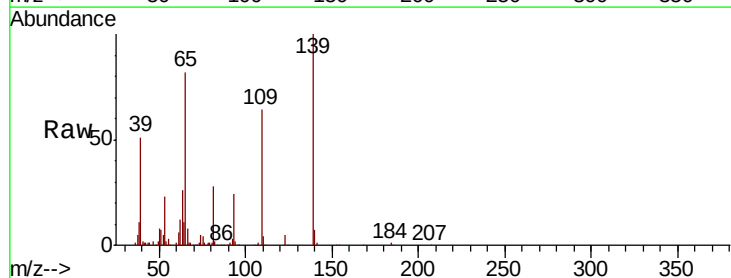
Manual Integrations
APPROVED

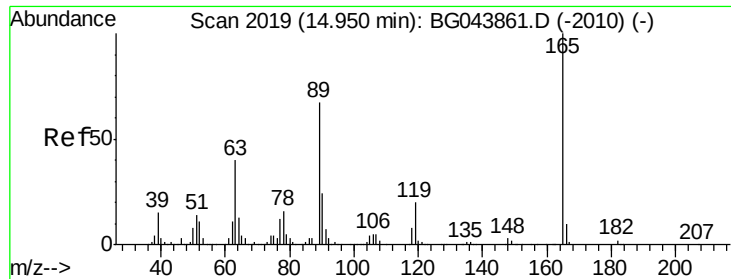
mohammad
1/16/2020 2:25:53 PM



#56
4-Nitrophenol
Concen: 93.724 ng
RT: 14.80 min Scan# 1993
Delta R.T. 0.00 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	318629		
109	63.6		50.4	90.4
65	82.0		71.4	111.4





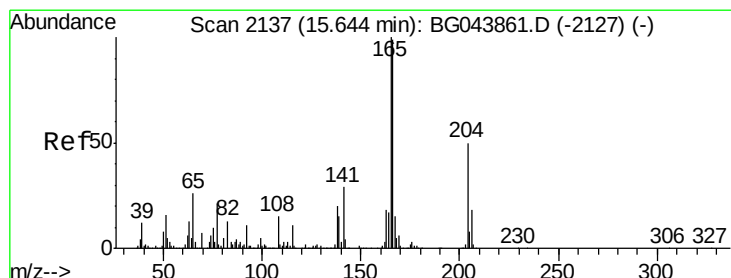
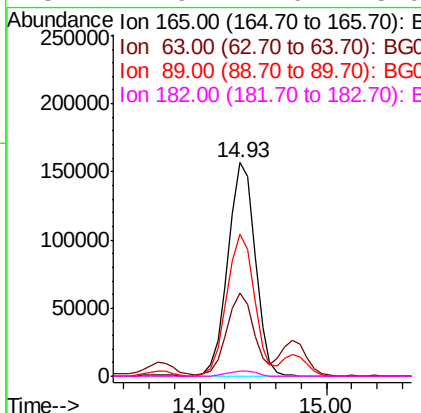
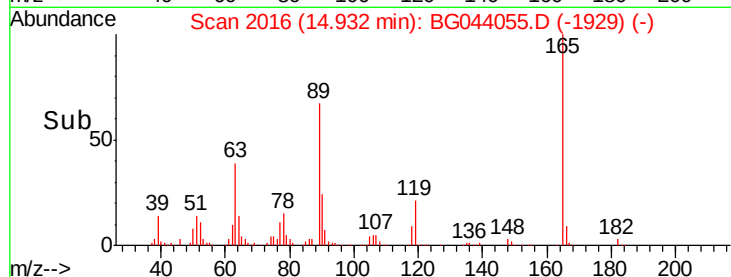
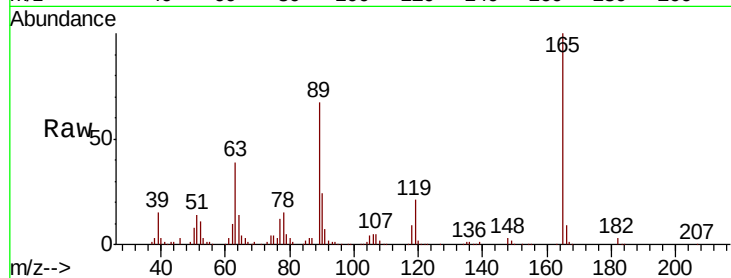
#57
2,4-Dinitrotoluene
Concen: 44.022 ng
RT: 14.93 min Scan# 2016
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	234016		
63	38.8		31.9	47.9
89	66.7		53.8	80.6
182	2.6		2.0	3.0

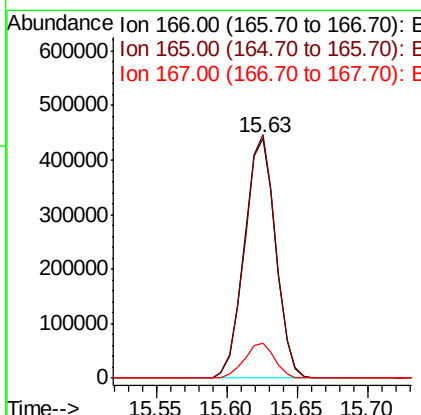
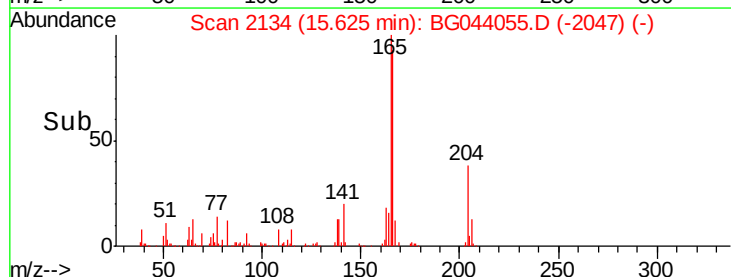
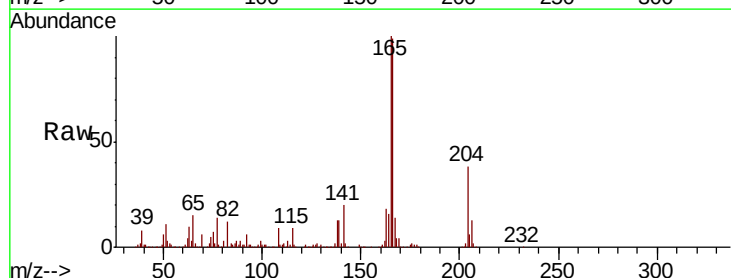
Manual Integrations
APPROVED

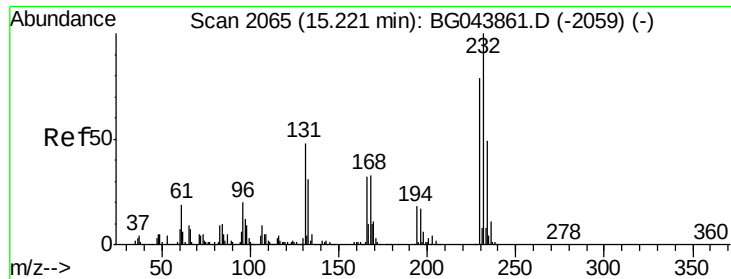
mohammad
1/16/2020 2:25:53 PM



#58
Fluorene
Concen: 44.029 ng
RT: 15.63 min Scan# 2134
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	682938		
165	101.3		80.8	121.2
167	14.3		12.1	18.1





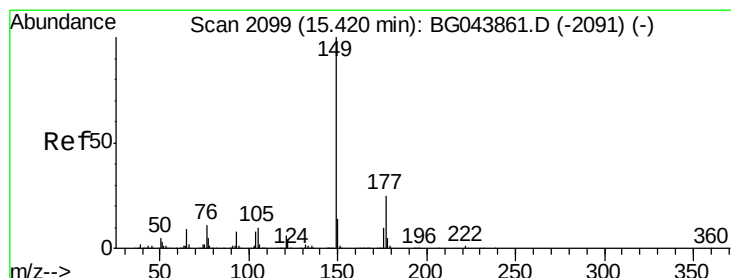
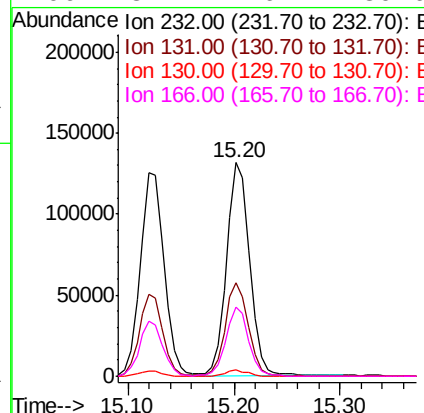
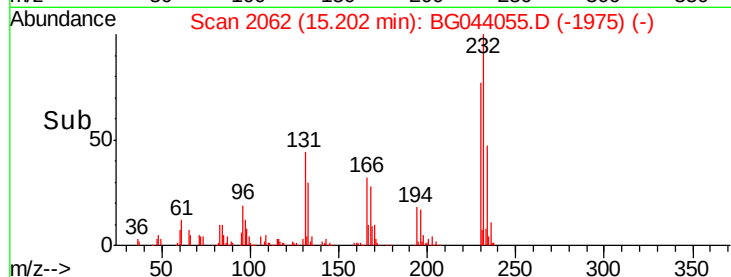
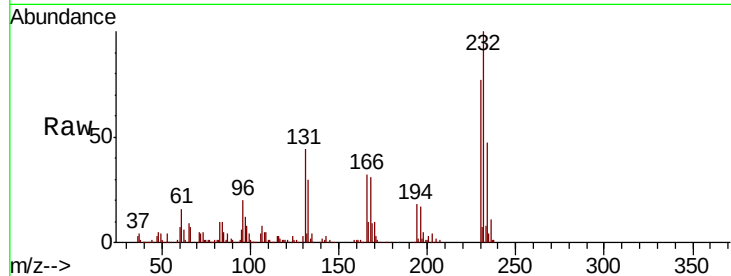
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 45.959 ng
 RT: 15.20 min Scan# 2062
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Instrument :
 BNA_G
 ClientSampleId :
 PB126104BSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	200108		
131	43.3		38.2	57.2
130	2.7		2.2	3.2
166	31.1		26.4	39.6

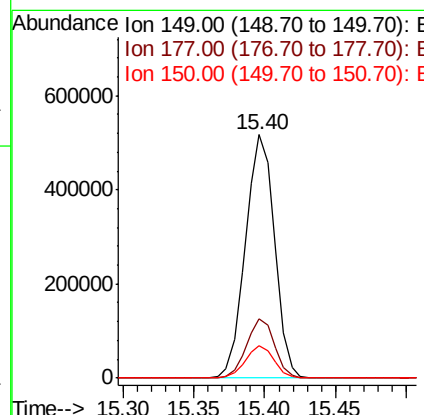
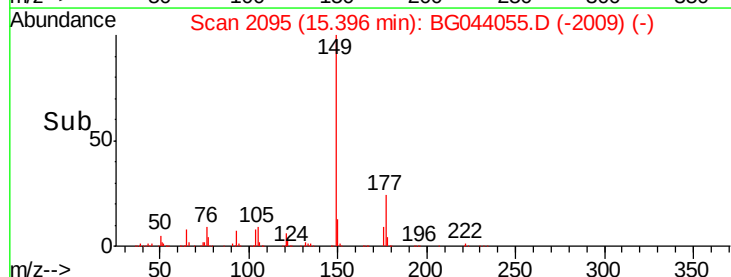
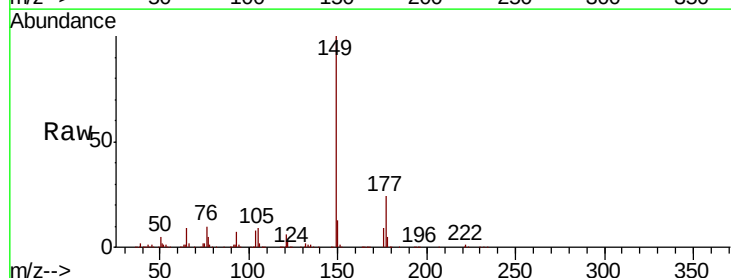
Manual Integrations
 APPROVED

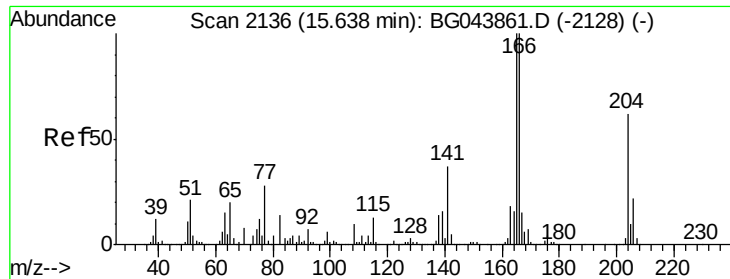
mohammad
 1/16/2020 2:25:53 PM



#60
 Diethylphthalate
 Concen: 43.098 ng
 RT: 15.40 min Scan# 2095
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	745082		
177	24.2		20.0	30.0
150	13.2		11.1	16.7





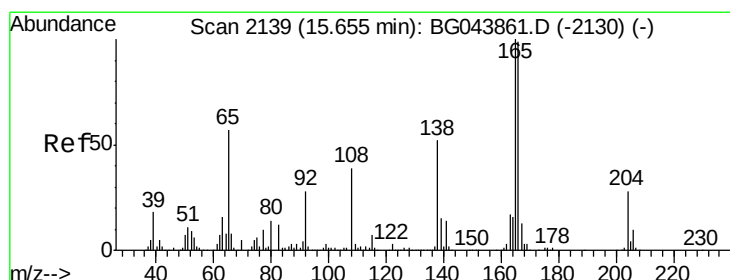
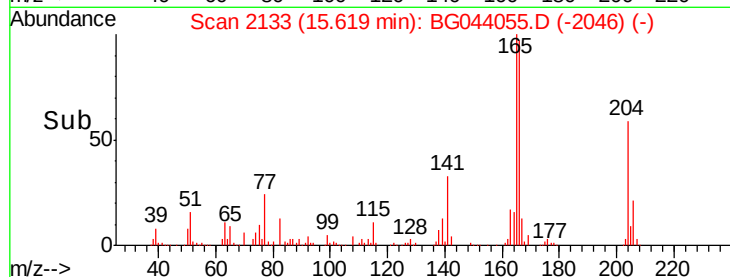
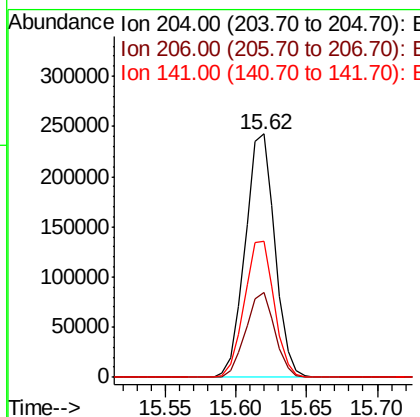
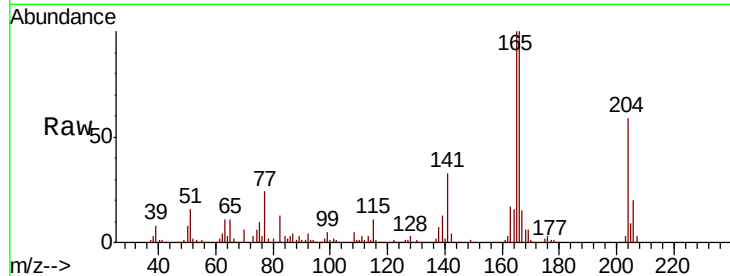
#61
4-Chlorophenyl-phenylether
Concen: 42.243 ng
RT: 15.62 min Scan# 2133
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.6	28.2	42.2
141	56.2	48.2	72.2

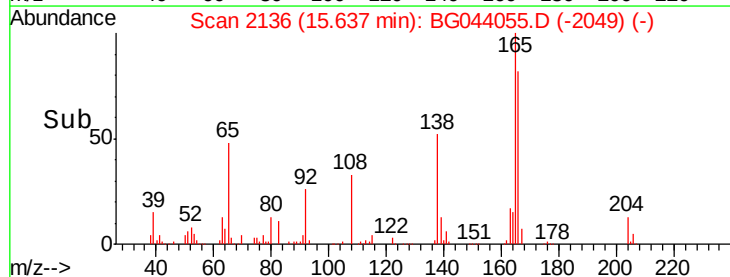
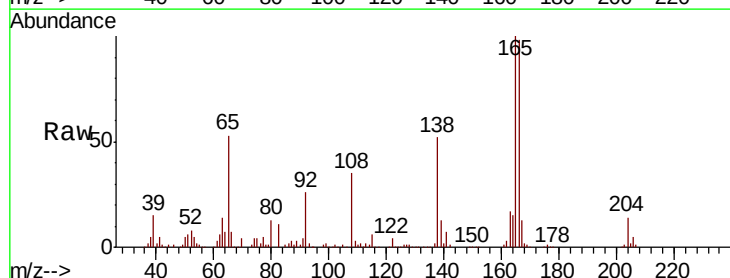
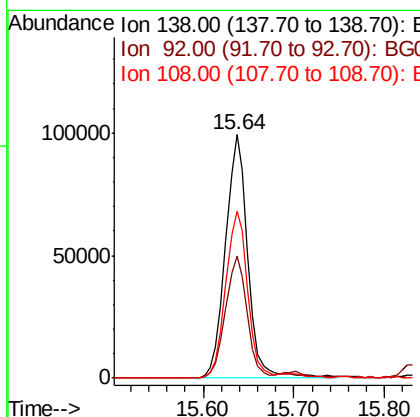
Manual Integrations
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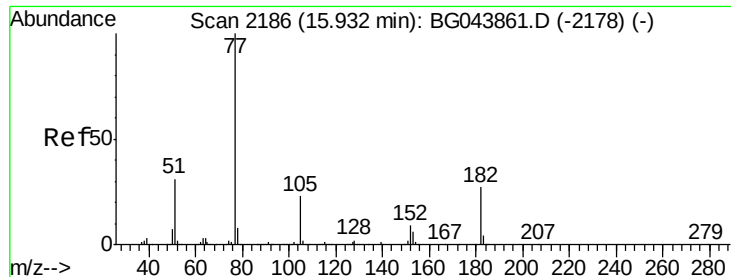
mohammad
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#62
4-Nitroaniline
Concen: 38.761 ng
RT: 15.64 min Scan# 2136
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.0	34.3	74.3
108	68.5	55.0	95.0





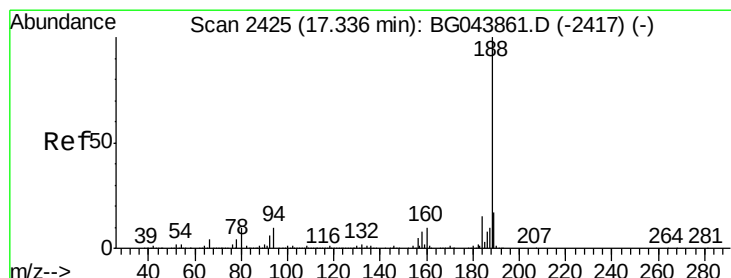
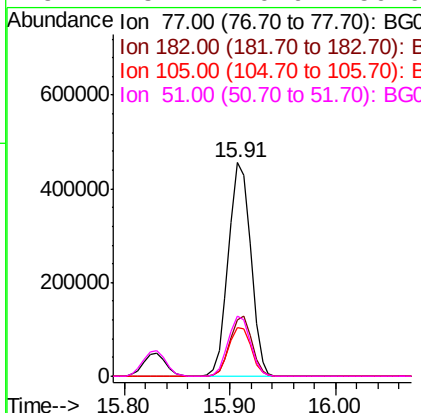
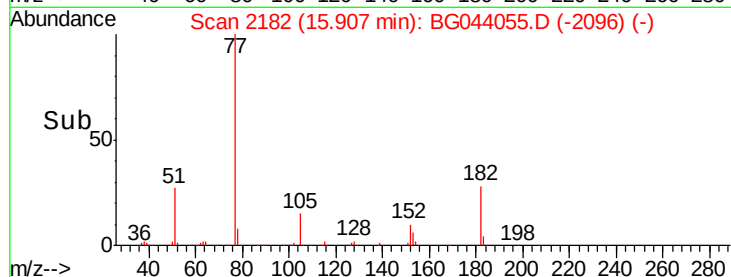
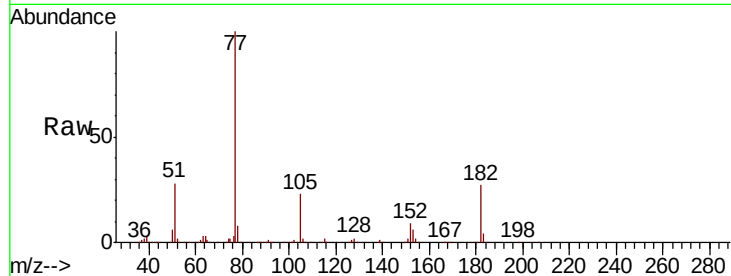
#63
Azobenzene
Concen: 41.503 ng
RT: 15.91 min Scan# 2182
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Lower	Upper
77	100		
182	26.5	7.3	47.3
105	22.7	3.2	43.2
51	28.4	10.6	50.6

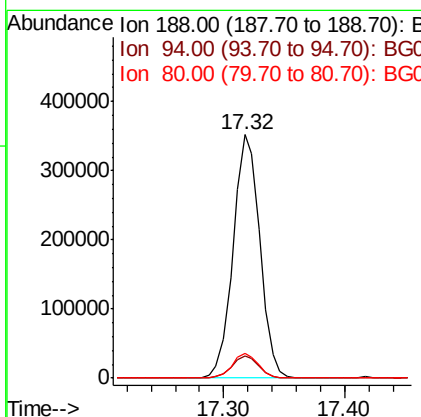
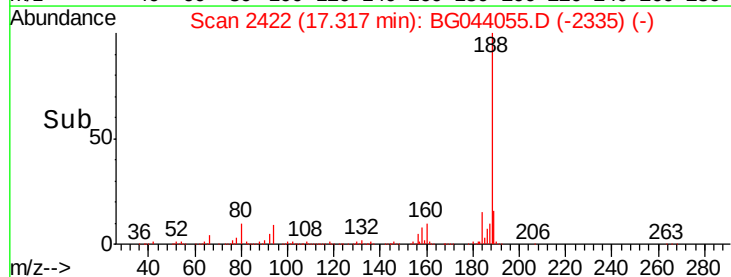
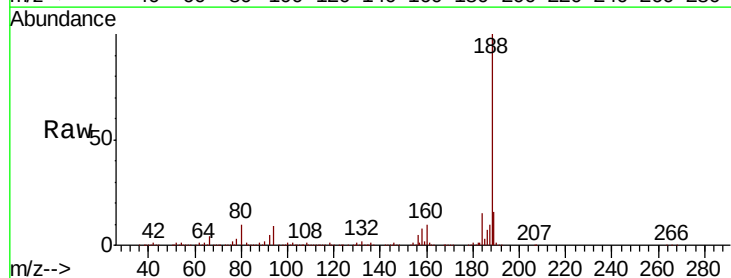
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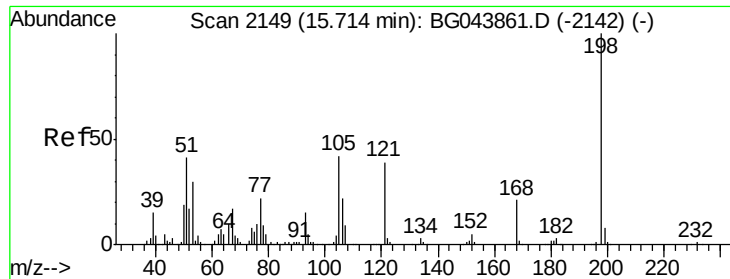
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.32 min Scan# 2422
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
188	100		
94	9.0	7.9	11.9
80	10.1	8.2	12.4





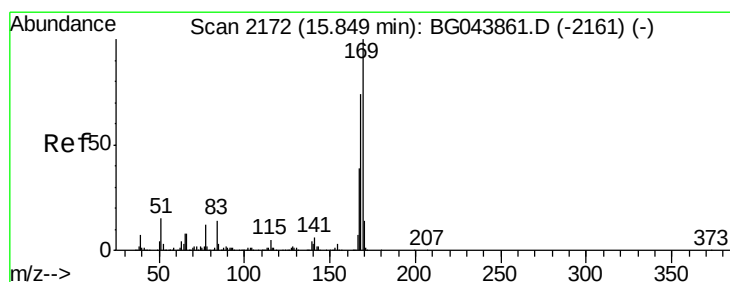
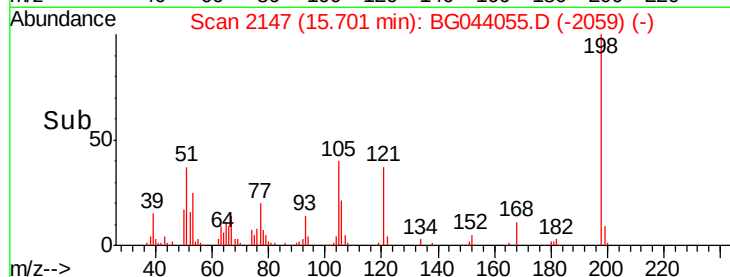
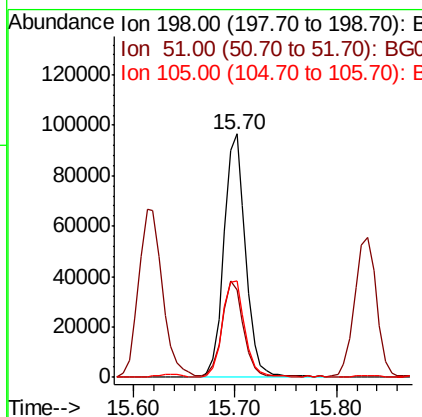
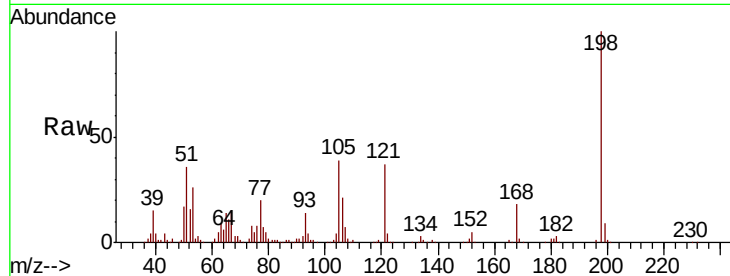
#65
4,6-Dinitro-2-methylphenol
Concen: 51.039 ng
RT: 15.70 min Scan# 2147
Delta R.T. -0.01 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100	143370		
51	36.0		22.5	62.5
105	39.4		22.3	62.3

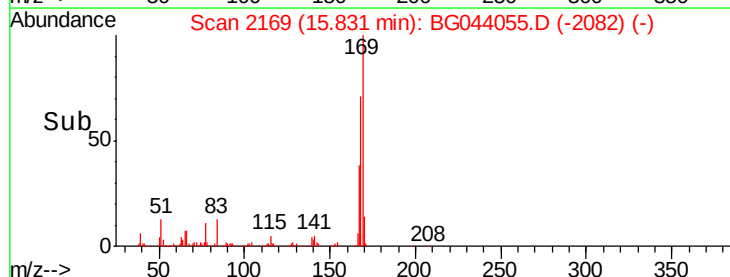
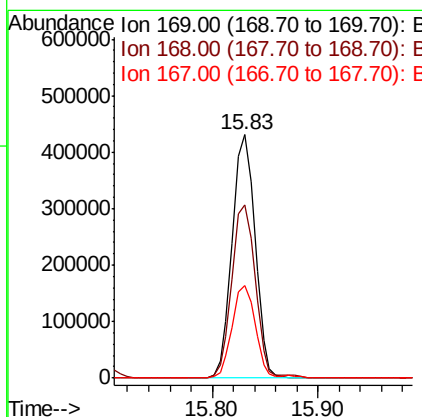
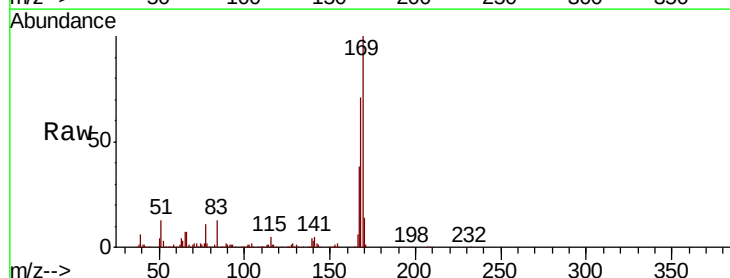
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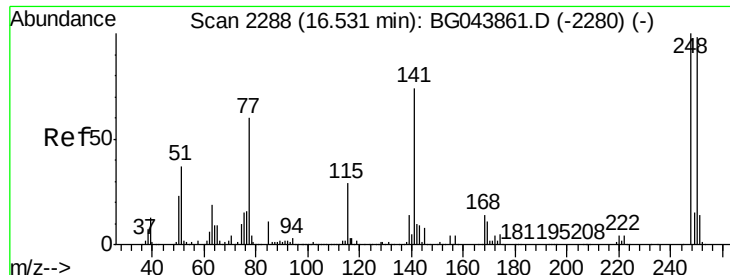
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#66
n-Nitrosodiphenylamine
Concen: 40.459 ng
RT: 15.83 min Scan# 2169
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	645719		
168	71.0		59.0	88.6
167	38.1		31.4	47.0





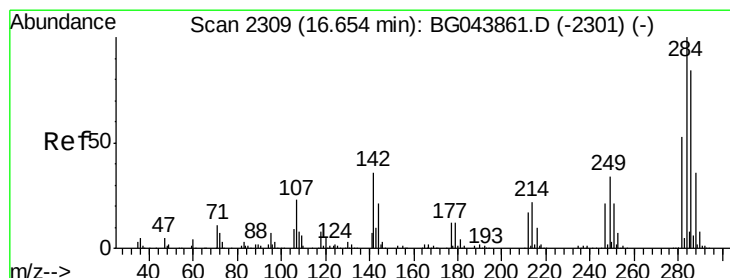
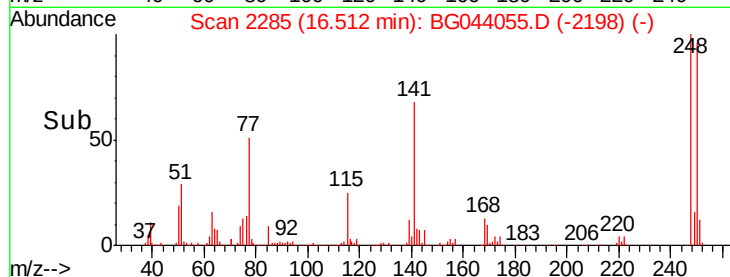
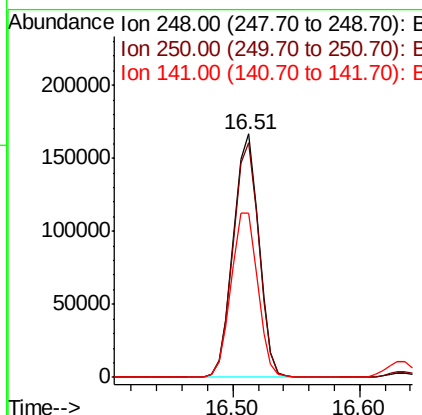
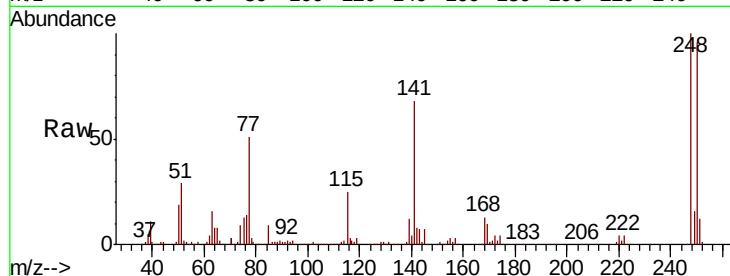
#67
 4-Bromophenyl-phenylether
 Concen: 38.012 ng
 RT: 16.51 min Scan# 2285
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Instrument :
 BNA_G
 ClientSampleId :
 PB126104BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	96.4	78.2	117.2
141	67.6	59.3	88.9

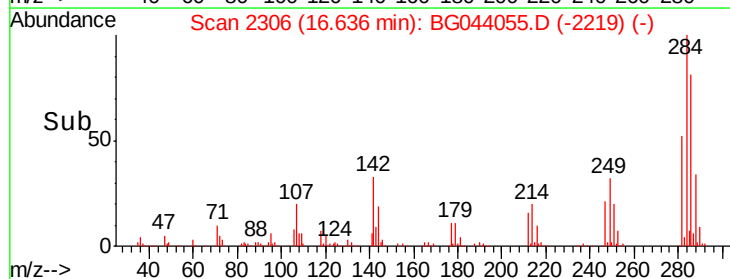
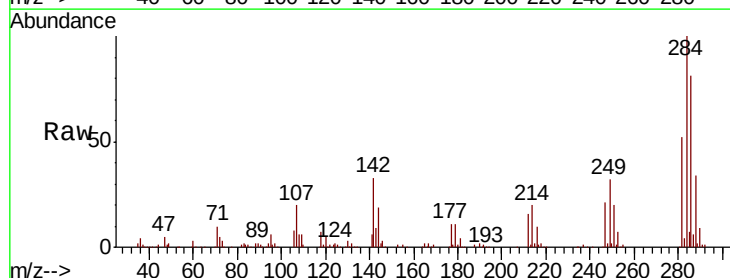
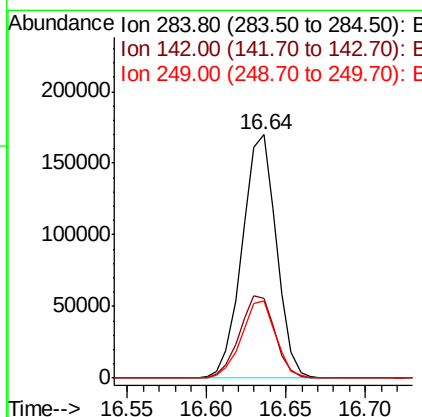
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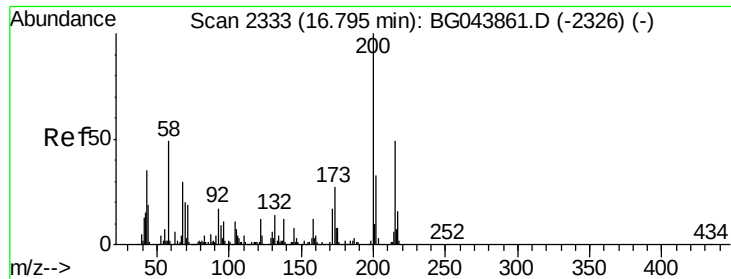
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#68
 Hexachlorobenzene
 Concen: 38.661 ng
 RT: 16.64 min Scan# 2306
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
284	100		
142	32.7	28.6	43.0
249	31.5	27.0	40.6





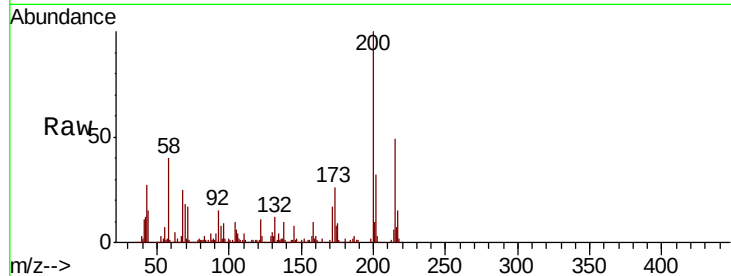
#69
Atrazine
Concen: 47.947 ng
RT: 16.78 min Scan# 2331
Delta R.T. -0.01 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	248737		
173	25.8	6.6	46.6	
215	48.8	28.6	68.6	

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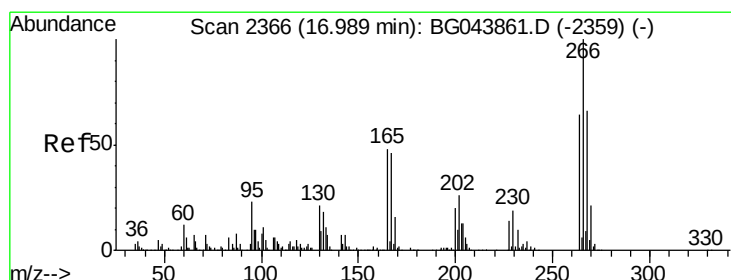
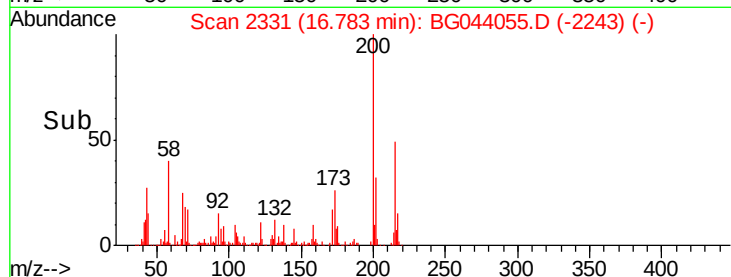
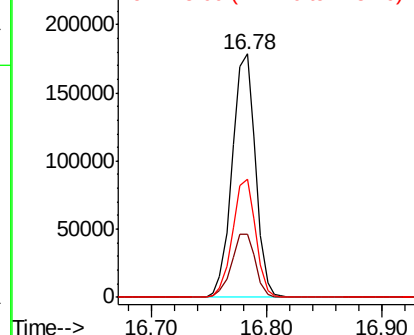


Abundance

Ion 200.00 (199.70 to 200.70): E

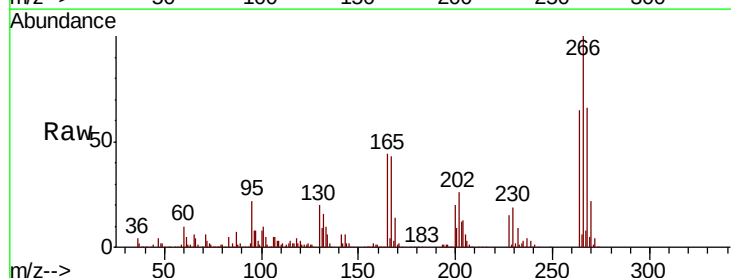
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 80.507 ng
RT: 16.98 min Scan# 2364
Delta R.T. -0.01 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	291480		
268	66.4	52.6	79.0	
264	65.1	50.8	76.2	

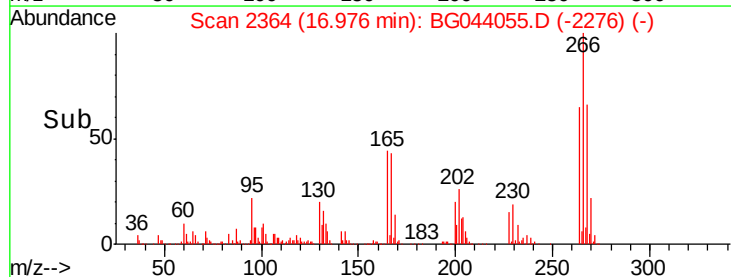
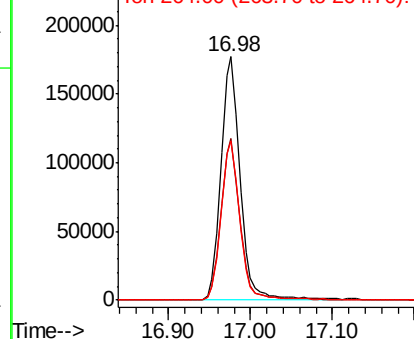


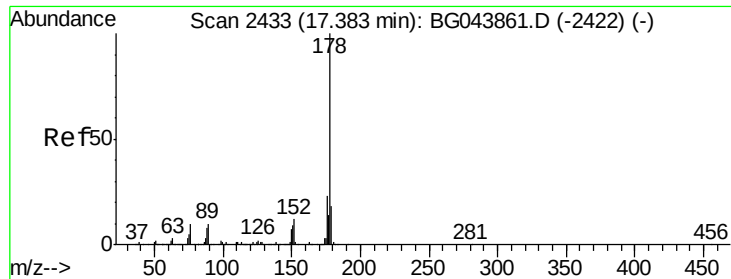
Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





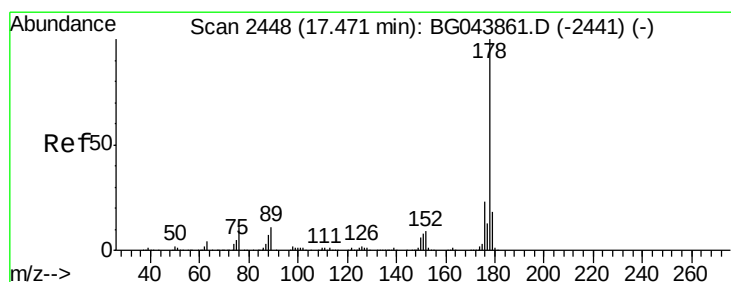
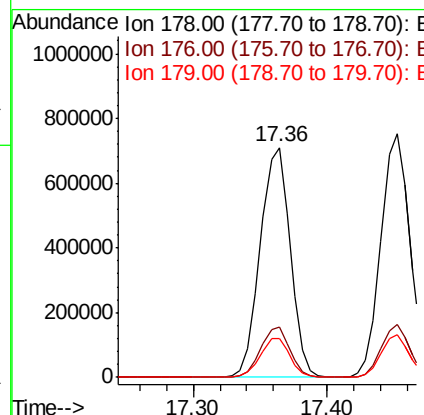
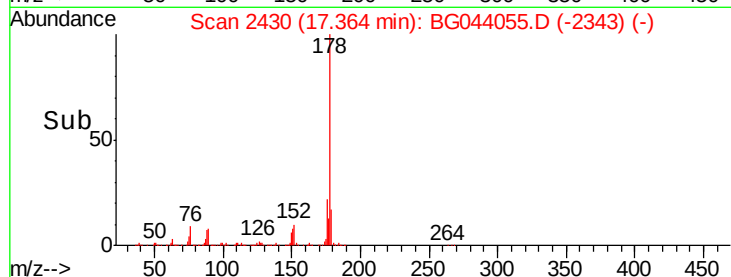
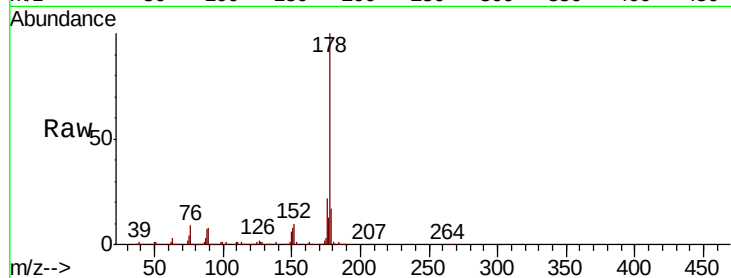
#71
Phenanthrene
Concen: 42.447 ng
RT: 17.36 min Scan# 2430
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	21.7	18.6	28.0
179	16.8	14.4	21.6

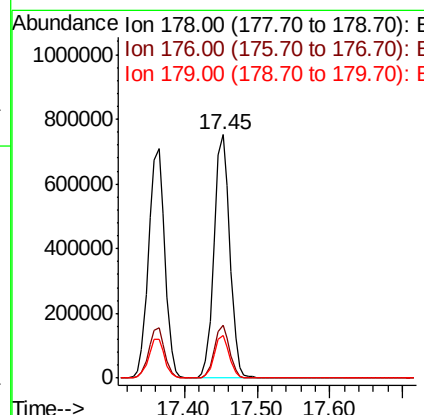
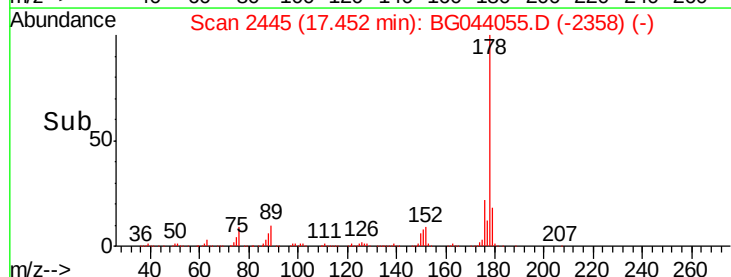
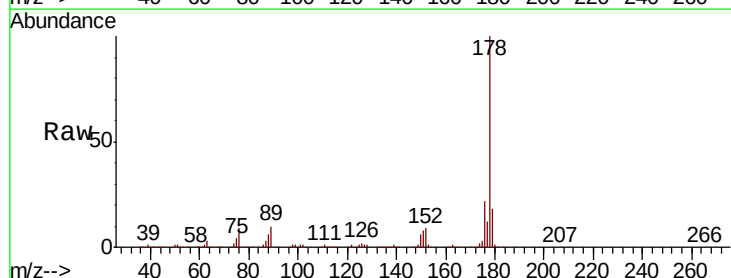
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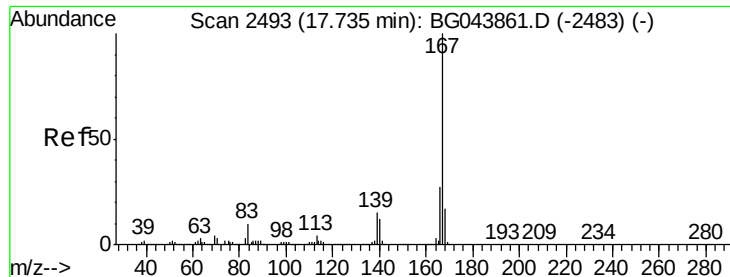
mohammad
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#72
Anthracene
Concen: 44.097 ng
RT: 17.45 min Scan# 2445
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
178	100		
176	21.8	18.3	27.5
179	17.6	14.6	22.0





#73

Carbazole

Concen: 43.665 ng

RT: 17.72 min Scan# 2490

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

ClientSampleId :

PB126104BSD

Tot Ion:167 Resp: 1036193

Ion Ratio Lower Upper

167 100

166 25.3 21.6 32.4

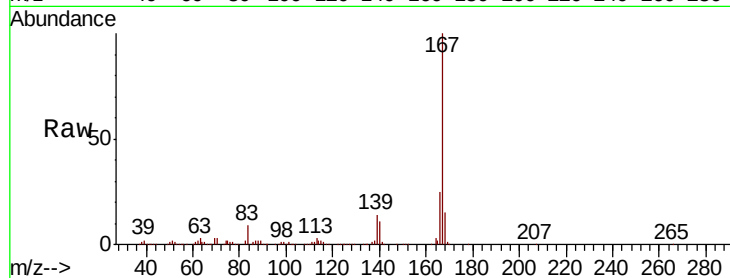
139 14.2 12.1 18.1

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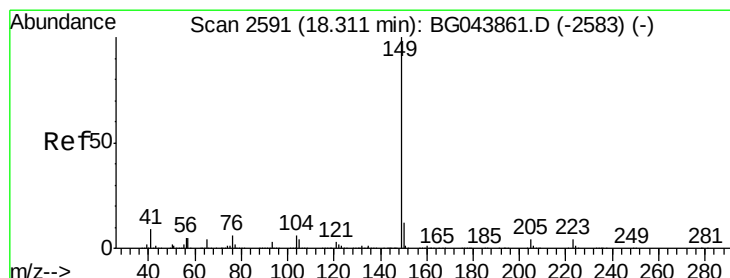
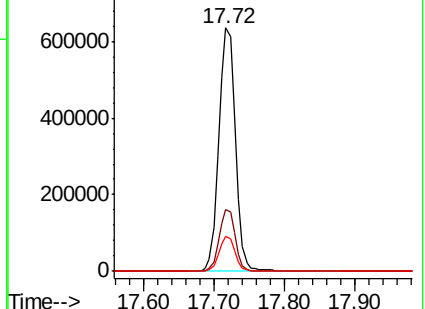
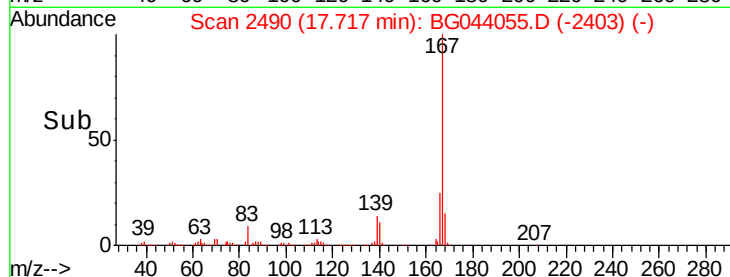
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Abundance Ion 167.00 (166.70 to 167.70): E

Ion 166.00 (165.70 to 166.70): E

Ion 139.00 (138.70 to 139.70): E



#74

Di-n-butylphthalate

Concen: 41.946 ng

RT: 18.29 min Scan# 2587

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

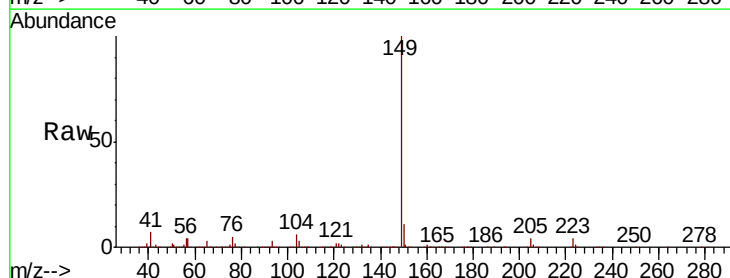
Tgt Ion:149 Resp: 1270887

Ion Ratio Lower Upper

149 100

150 10.8 9.7 14.5

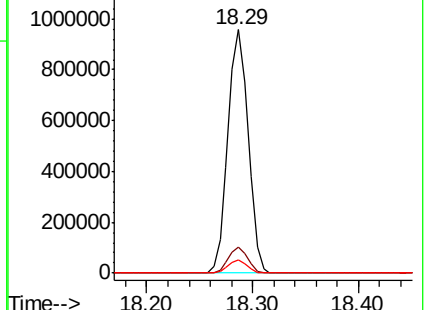
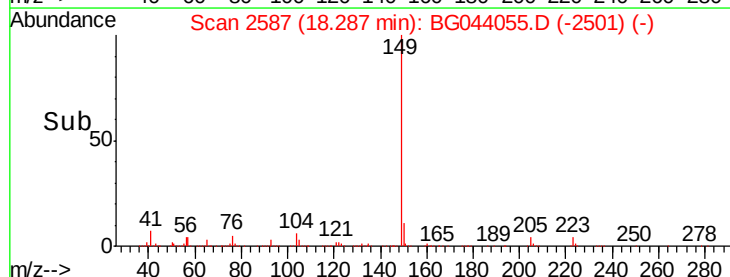
104 5.5 5.0 7.4

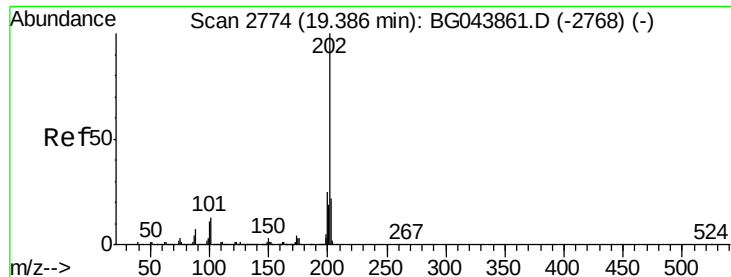


Abundance Ion 149.00 (148.70 to 149.70): E

Ion 150.00 (149.70 to 150.70): E

Ion 104.00 (103.70 to 104.70): E





#75

Fluoranthene

Concen: 43.118 ng

RT: 19.37 min Scan# 2771

Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

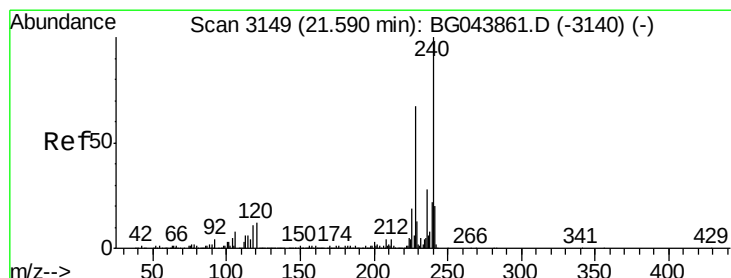
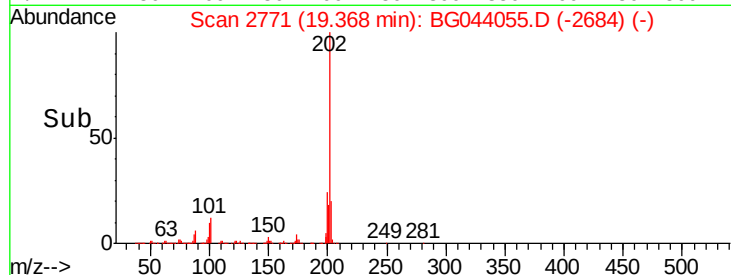
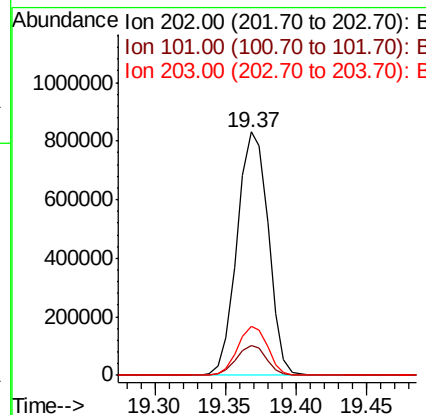
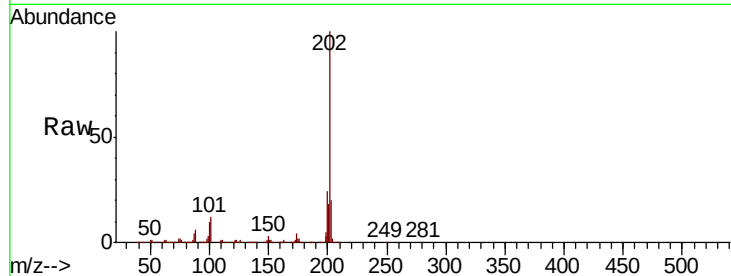
ClientSampleId :

PB126104BSD

Tot Ion:	202	Resp:	1281850
Ion	Ratio	Lower	Upper
202	100		
101	12.5	0.0	33.3
203	20.1	1.6	41.6

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#76

Chrysene-d12

Concen: 20.000 ng

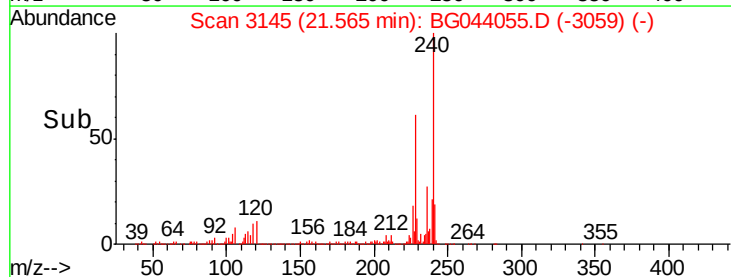
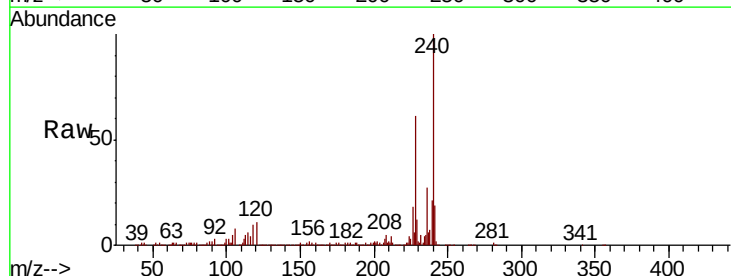
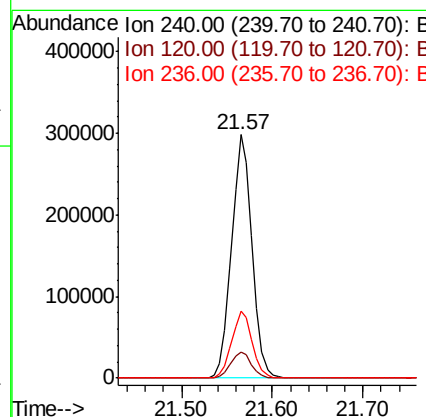
RT: 21.57 min Scan# 3145

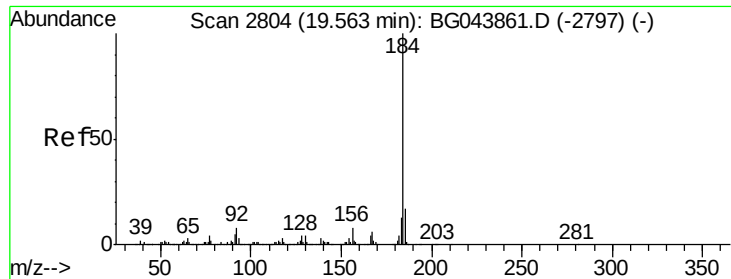
Delta R.T. -0.02 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Tgt Ion:	240	Resp:	465422
Ion	Ratio	Lower	Upper
240	100		
120	10.6	9.6	14.4
236	27.4	22.2	33.2





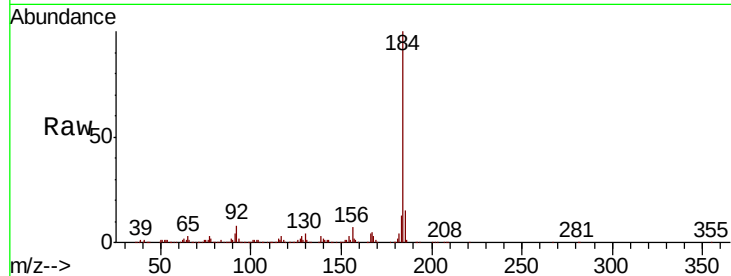
#77
Benzidine
Concen: 49.285 ng
RT: 19.54 min Scan# 2801
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Lower	Upper
184	100		
185	15.3	13.4	20.0
183	13.4	10.6	15.8

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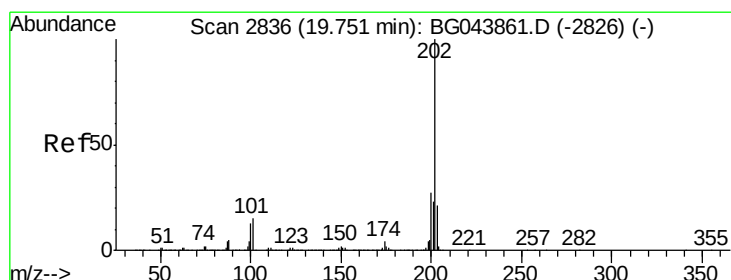
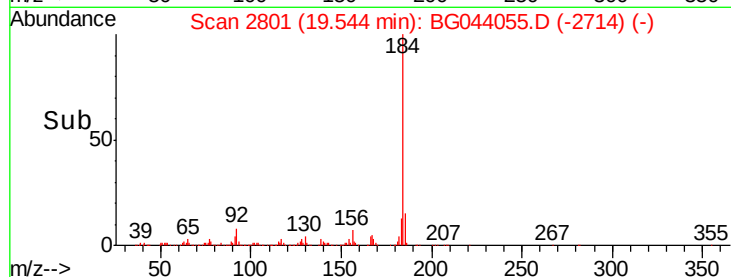
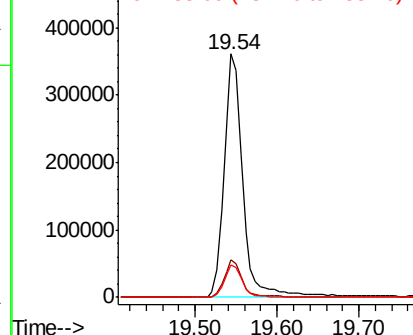


Abundance

Ion 184.00 (183.70 to 184.70): E

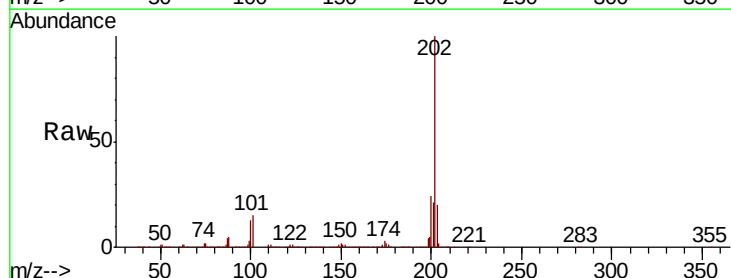
Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78
Pyrene
Concen: 42.368 ng
RT: 19.73 min Scan# 2832
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
202	100		
200	24.5	21.7	32.5
203	20.5	17.0	25.6

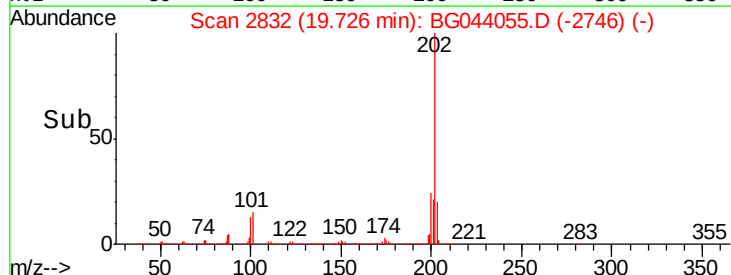
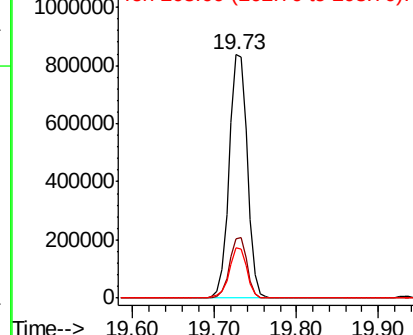


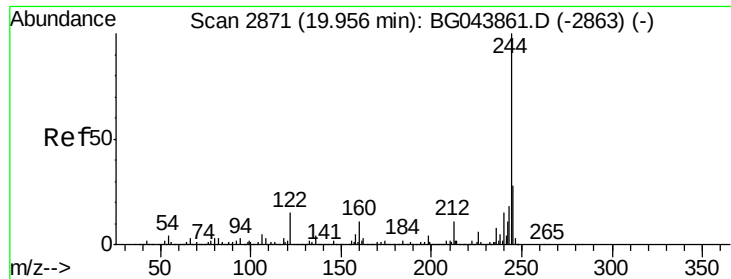
Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





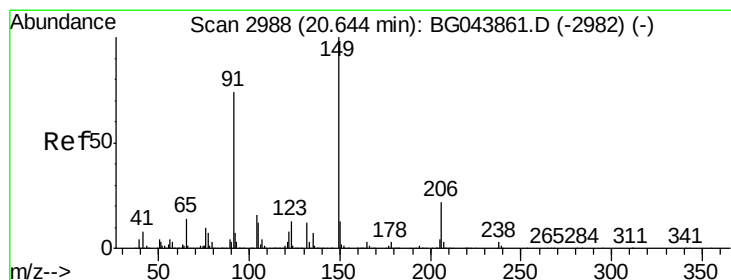
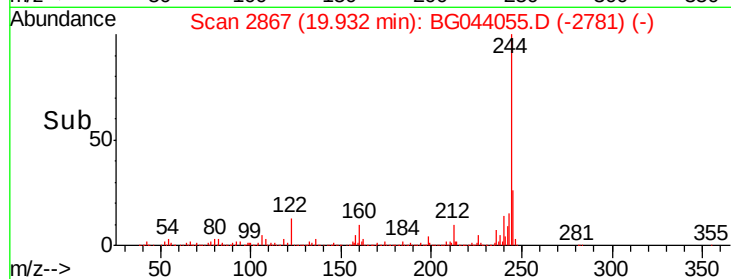
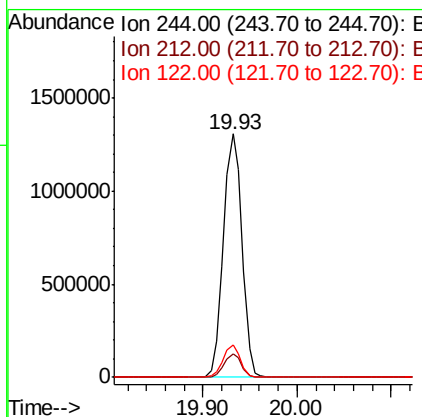
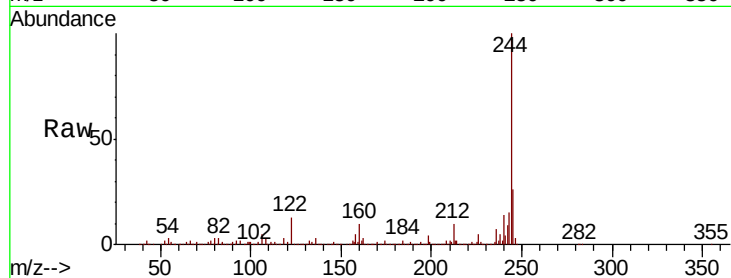
#79
 Terphenyl-d14
 Concen: 96.852 ng
 RT: 19.93 min Scan# 2867
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Instrument :
 BNA_G
 ClientSampleId :
 PB126104BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	9.7	8.6	13.0
122	13.1	11.9	17.9

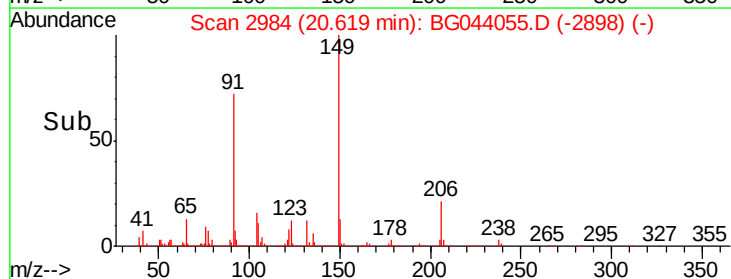
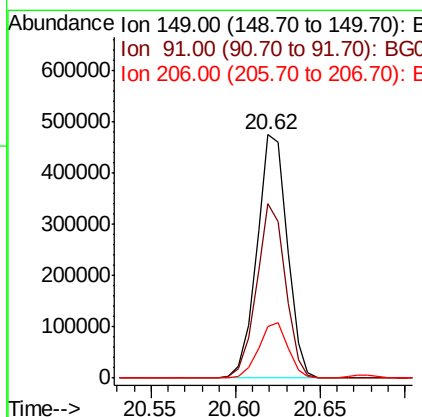
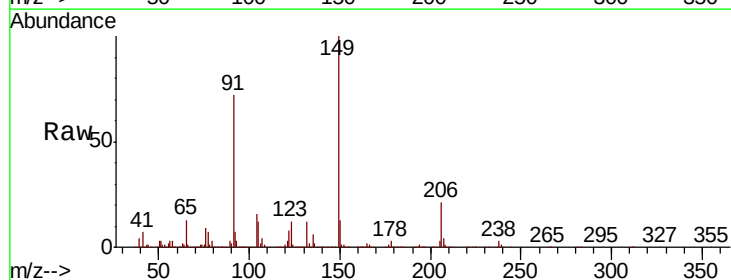
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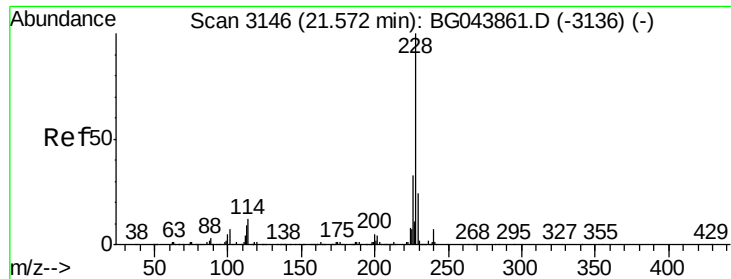
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#80
 Butylbenzylphthalate
 Concen: 40.862 ng
 RT: 20.62 min Scan# 2984
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
149	100		
91	71.5	59.5	89.3
206	21.1	17.8	26.6





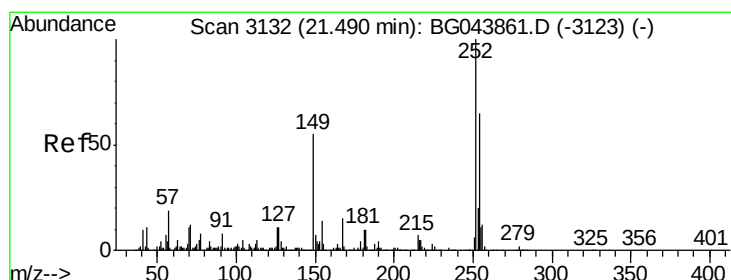
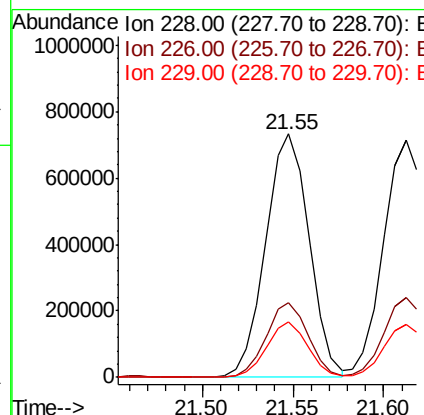
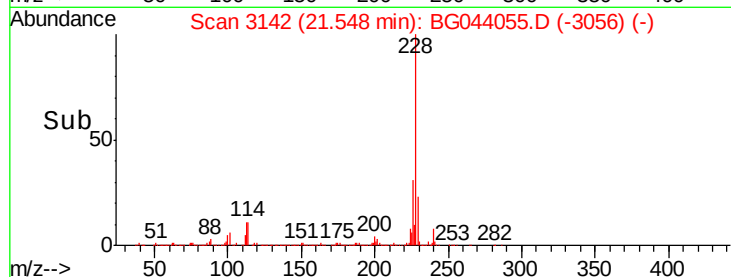
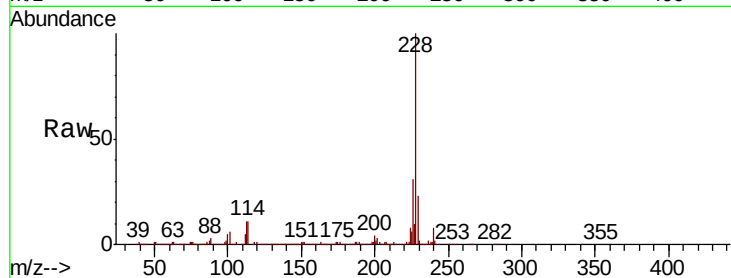
#81
Benzo(a)anthracene
Concen: 42.455 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.7	26.2	39.4
229	22.7	18.9	28.3

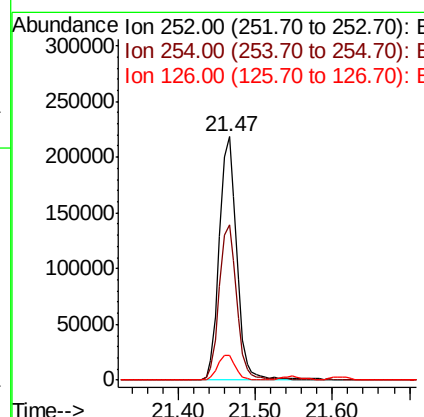
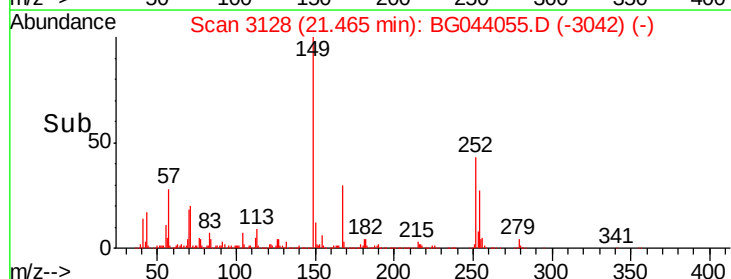
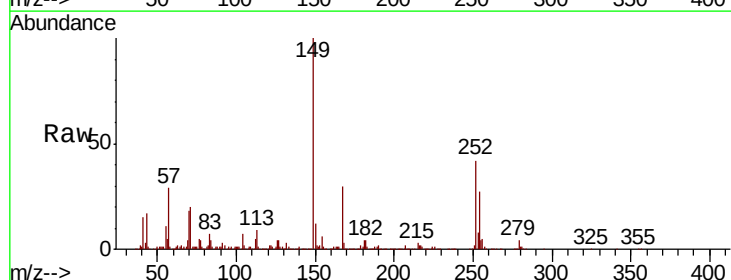
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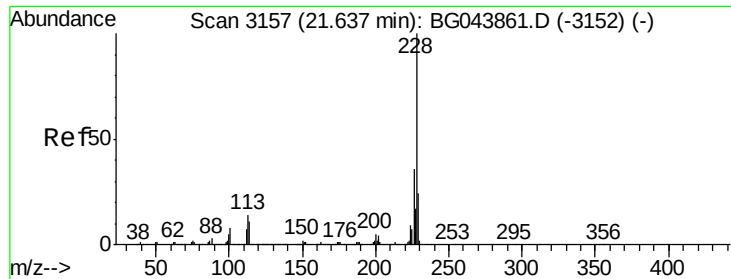
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#82
3,3'-Dichlorobenzidine
Concen: 30.039 ng
RT: 21.47 min Scan# 3128
Delta R.T. -0.02 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.7	52.1	78.1
126	10.2	9.1	13.7





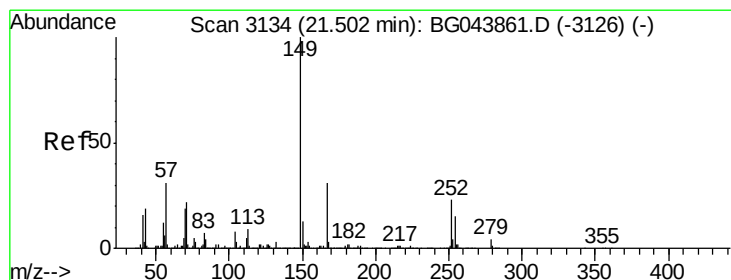
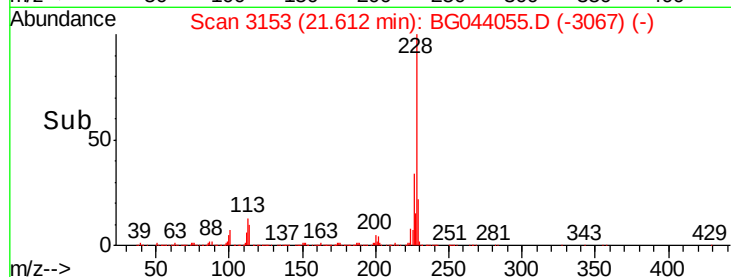
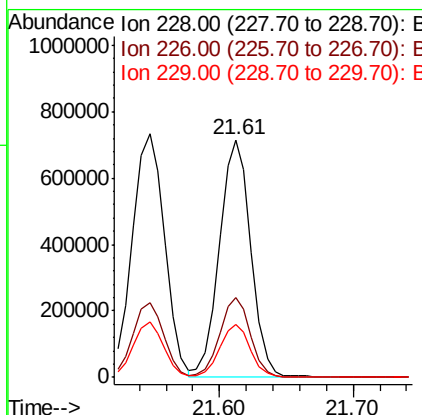
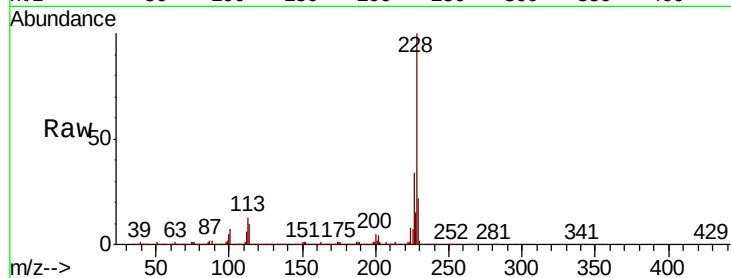
#83
 Chrvsene
 Concen: 42.784 ng
 RT: 21.61 min Scan# 3153
 Delta R.T. -0.02 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Instrument :
 BNA_G
 ClientSampleId :
 PB126104BSD

Tot Ion: 228 Resp: 1173226
 Ion Ratio Lower Upper
 228 100
 226 33.7 28.8 43.2
 229 22.5 19.0 28.6

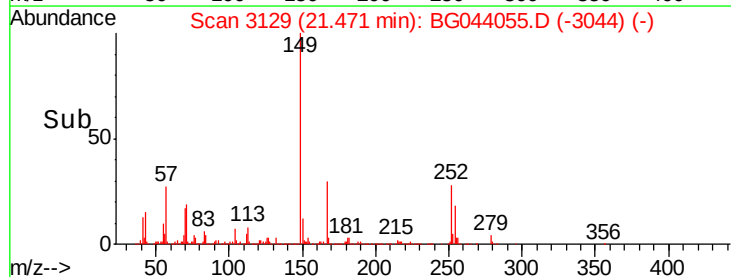
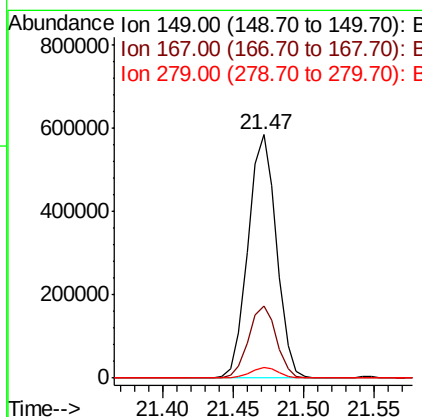
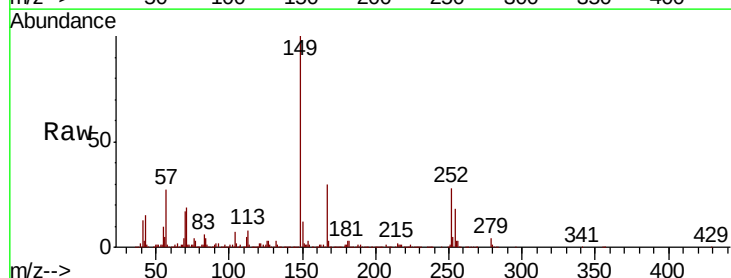
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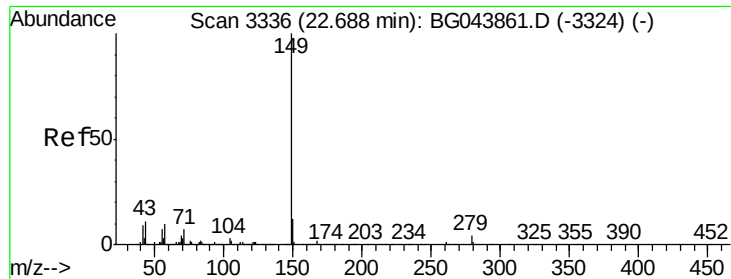
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.367 ng
 RT: 21.47 min Scan# 3129
 Delta R.T. -0.03 min
 Lab File: BG044055.D
 Acq: 15 Jan 2020 18:30

Tgt Ion: 149 Resp: 825570
 Ion Ratio Lower Upper
 149 100
 167 29.7 24.7 37.1
 279 4.3 3.3 4.9





#85

Di-n-octyl phthalate

Concen: 42.601 ng

RT: 22.65 min Scan# 3329

Delta R.T. -0.04 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

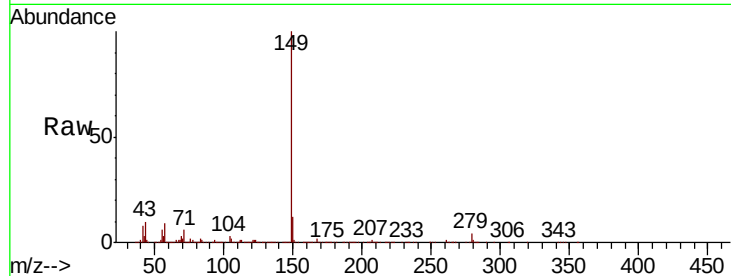
ClientSampleId :

PB126104BSD

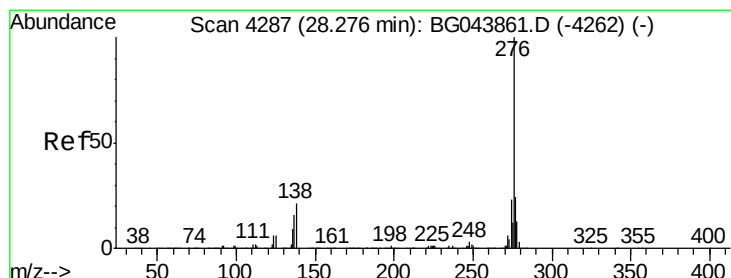
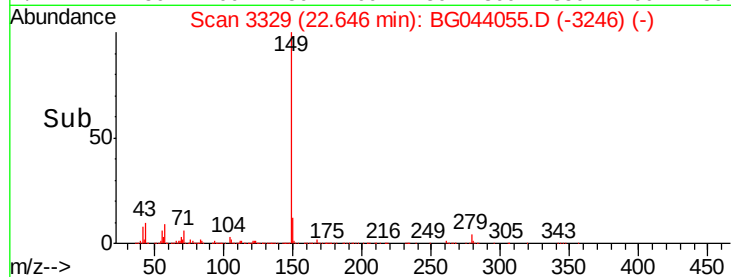
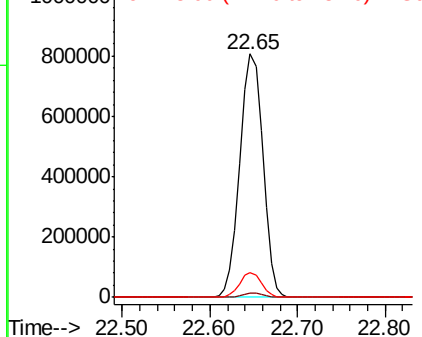
Tot Ion:	149	Resp:	1429295
Ion	Ratio	Lower	Upper
149	100		
167	1.7	1.4	2.0
43	9.5	8.8	13.2

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 39.774 ng

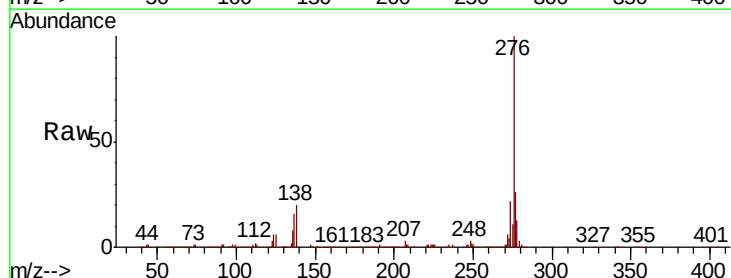
RT: 28.21 min Scan# 4276

Delta R.T. -0.07 min

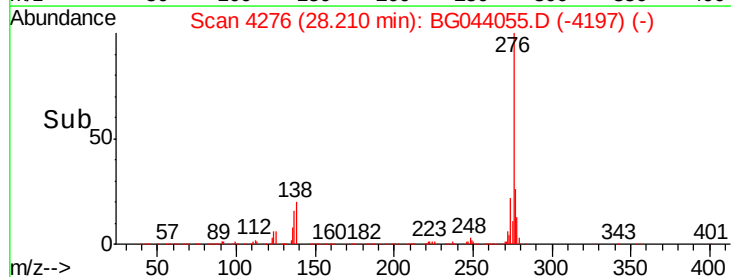
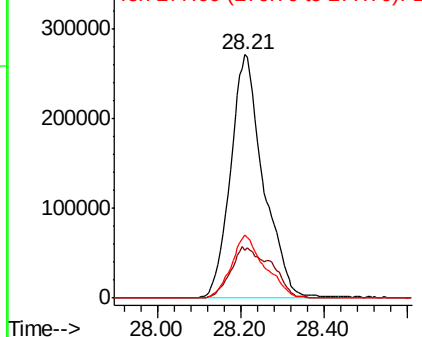
Lab File: BG044055.D

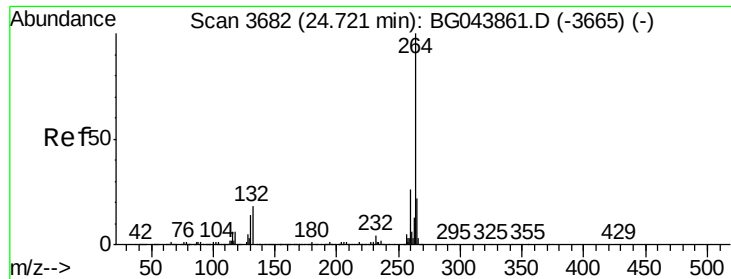
Acq: 15 Jan 2020 18:30

Tgt Ion:	276	Resp:	1482243
Ion	Ratio	Lower	Upper
276	100		
138	18.8	21.0	31.4#
277	26.4	21.1	31.7



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.68 min Scan# 3675

Delta R.T. -0.04 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Instrument :

BNA_G

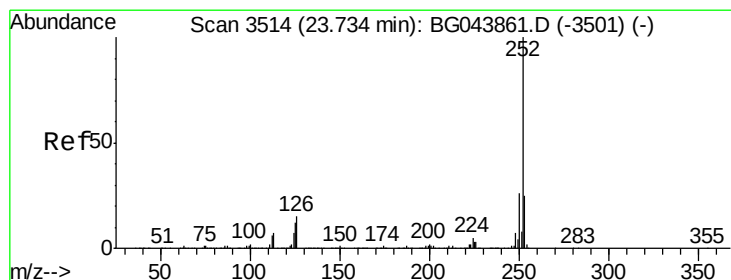
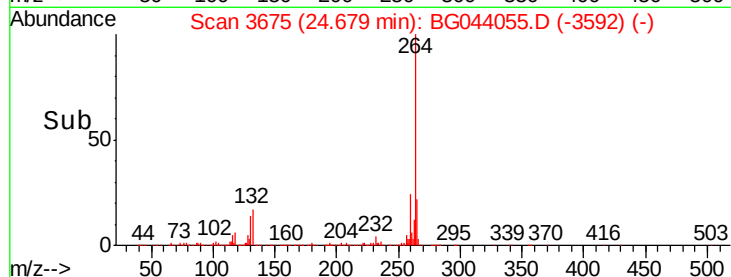
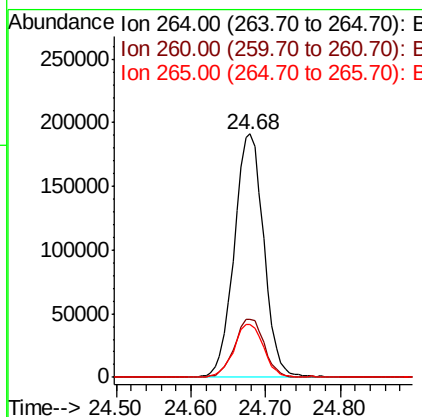
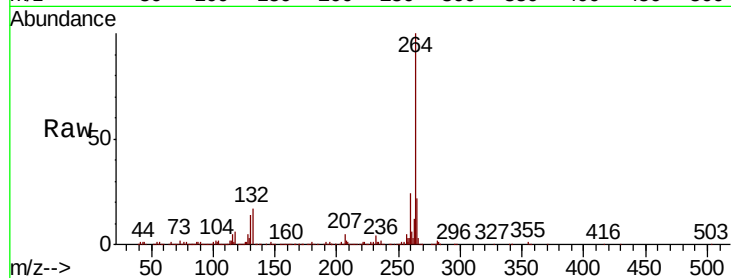
ClientSampleId :

PB126104BSD

Tot Ion:	264	Resp:	525981
Ion Ratio	Lower	Upper	
264	100		
260	23.8	20.4	30.6
265	21.7	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 40.783 ng

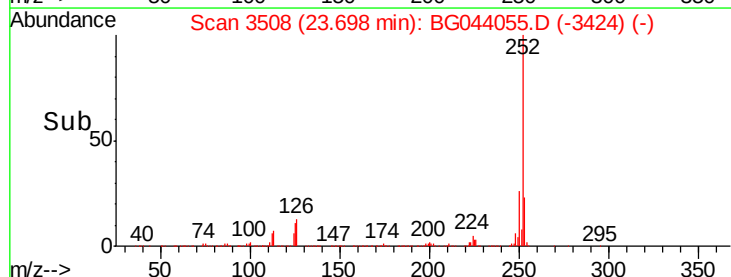
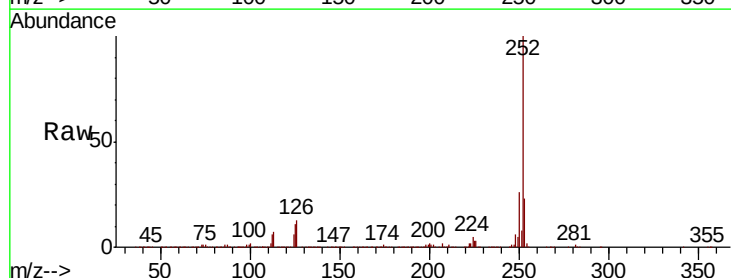
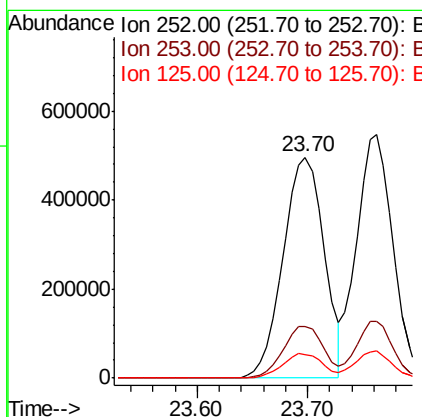
RT: 23.70 min Scan# 3508

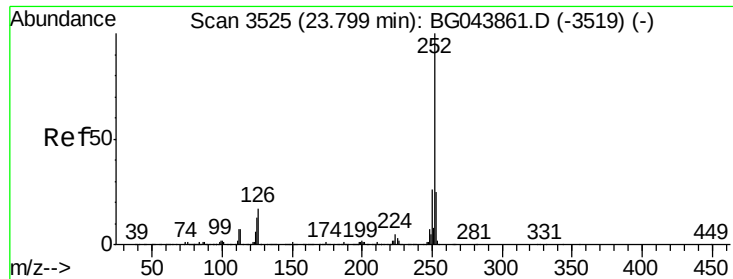
Delta R.T. -0.04 min

Lab File: BG044055.D

Acq: 15 Jan 2020 18:30

Tgt Ion:	252	Resp:	1268122
Ion Ratio	Lower	Upper	
252	100		
253	23.5	19.7	29.5
125	10.8	9.4	14.2





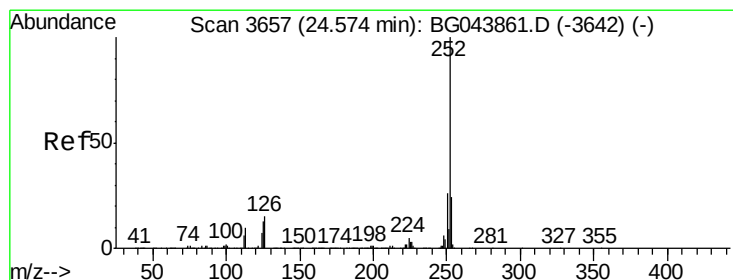
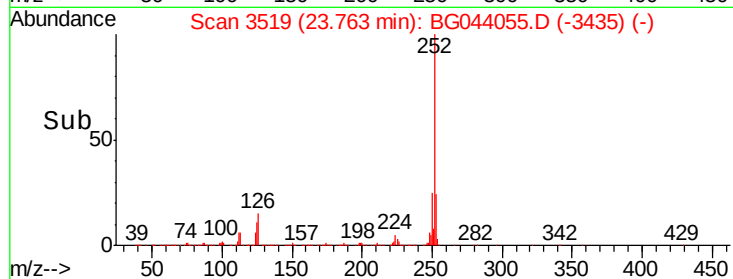
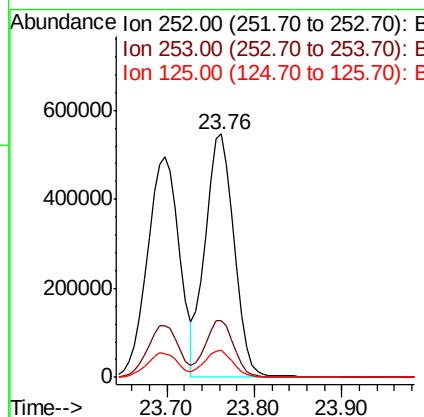
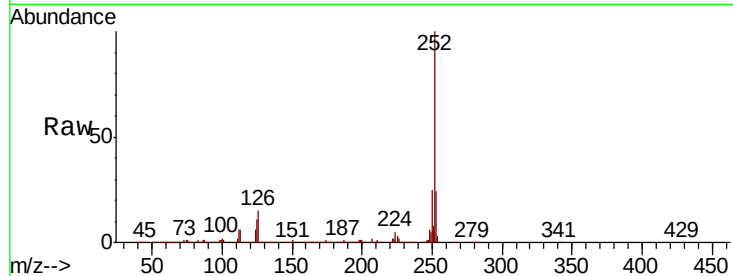
#89
Benzo(k)fluoranthene
Concen: 42.586 ng
RT: 23.76 min Scan# 3519
Delta R.T. -0.04 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.5	19.4	29.2
125	11.1	9.9	14.9

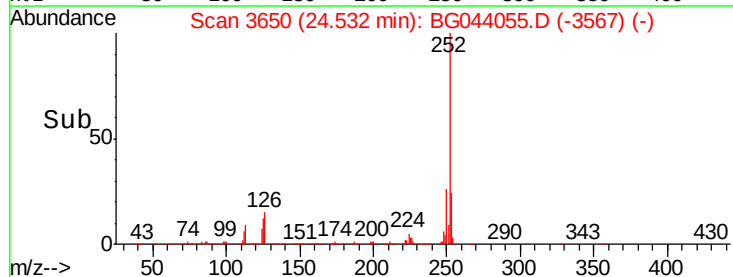
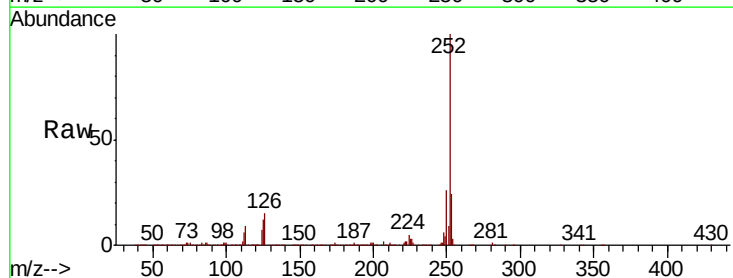
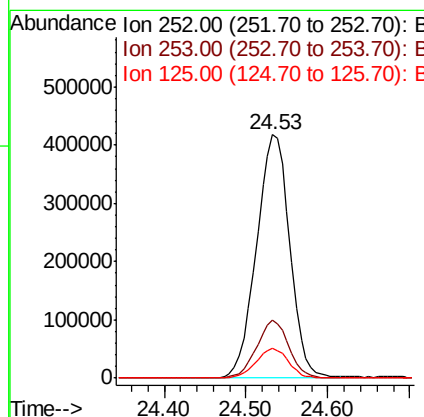
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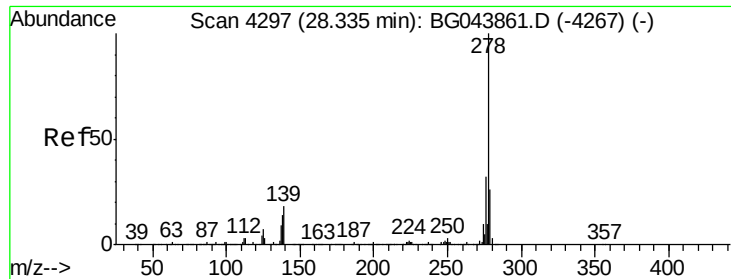
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#90
Benzo(a)pyrene
Concen: 40.186 ng
RT: 24.53 min Scan# 3650
Delta R.T. -0.04 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
252	100		
253	24.0	19.3	28.9
125	12.3	10.4	15.6





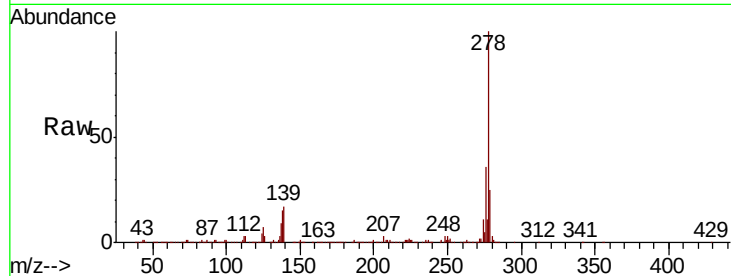
#91
Dibenzo(a,h)anthracene
Concen: 41.624 ng
RT: 28.27 min Scan# 4286
Delta R.T. -0.07 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Instrument :
BNA_G
ClientSampleId :
PB126104BSD

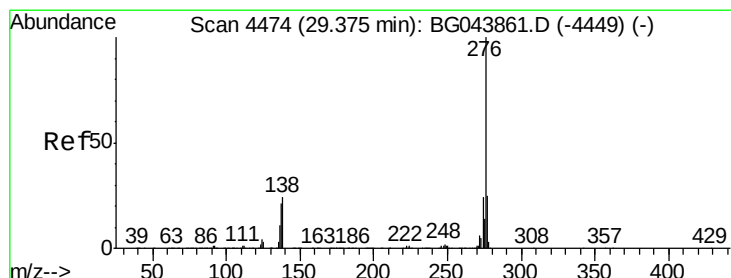
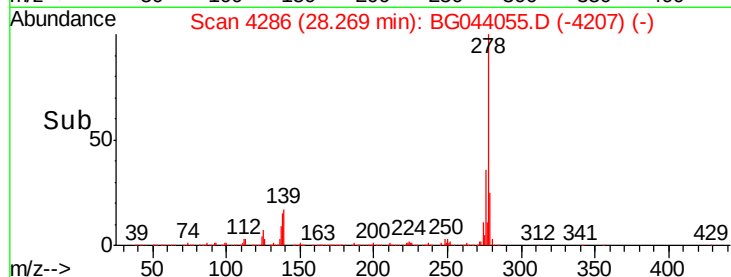
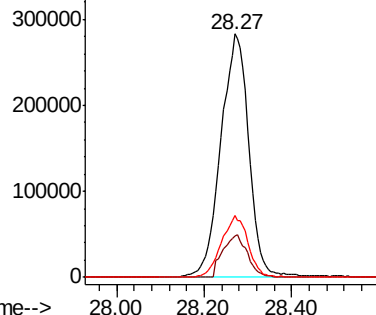
Tot Ion	Ratio	Lower	Upper
278	100		
139	16.9	14.2	21.4
279	25.2	20.6	30.8

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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



#92
Benzo(g,h,i)perylene
Concen: 42.688 ng
RT: 29.31 min Scan# 4464
Delta R.T. -0.06 min
Lab File: BG044055.D
Acq: 15 Jan 2020 18:30

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	20.2	30.4
138	21.2	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

