

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG111319\
 Data File : BG043622.D
 Acq On : 13 Nov 2019 21:17
 Operator : JU
 Sample : PB124754BS
 Misc :
 ALS Vial : 10 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124754BS

Manual Integrations
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mohammad
 11/14/2019 2:08:02 PM

Quant Time: Nov 14 03:25:46 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.00	152	34492	20.00	ng	0.00
21) Naphthalene-d8	10.80	136	135577	20.00	ng	-0.01
39) Acenaphthene-d10	14.63	164	96268	20.00	ng	-0.01
64) Phenanthrene-d10	17.38	188	221945	20.00	ng	-0.01
76) Chrysene-d12	21.64	240	254636	20.00	ng	-0.01
87) Perylene-d12	24.82	264	288299	20.00	ng	-0.03

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.60	112	141780	75.32	ng	0.00
7) Phenol-d6	7.20	99	187268	69.15	ng	0.00
23) Nitrobenzene-d5	9.16	82	176848	67.25	ng	-0.01
42) 2,4,6-Tribromophenol	16.13	330	112470	61.39	ng	0.00
45) 2-Fluorobiphenyl	13.25	172	475745	68.29	ng	-0.01
79) Terphenyl-d14	19.99	244	897908	66.15	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.46	88	25120	34.246	ng	# 90
3) Pyridine	3.86	79	61722	33.357	ng	96
4) n-Nitrosodimethylamine	3.78	42	39633	42.448	ng	92
6) Aniline	7.33	93	97198	31.156	ng	96
8) 2-Chlorophenol	7.58	128	90602	43.604	ng	98
9) Benzaldehyde	7.14	77	45251	34.000	ng	88
10) Phenol	7.23	94	109299	44.166	ng	93
11) bis(2-Chloroethyl)ether	7.41	93	73784	38.564	ng	98
12) 1,3-Dichlorobenzene	7.89	146	97405	37.415	ng	98
13) 1,4-Dichlorobenzene	8.03	146	98951	37.567	ng	99
14) 1,2-Dichlorobenzene	8.35	146	94095	36.588	ng	99
15) Benzyl Alcohol	8.25	79	76853	40.407	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.52	45	104896	37.704	ng	98
17) 2-Methylphenol	8.47	107	74838	41.483	ng	97
18) Hexachloroethane	9.07	117	35994	37.876	ng	93
19) n-Nitroso-di-n-propylamine	8.80	70	63978	36.560	ng	94
20) 3+4-Methylphenols	8.80	107	100054	40.445	ng	92
22) Acetophenone	8.82	105	124911	35.977	ng	# 92
24) Nitrobenzene	9.20	77	98473	39.308	ng	# 95
25) Isophorone	9.72	82	178599	37.147	ng	97
26) 2-Nitrophenol	9.91	139	52028	43.018	ng	94
27) 2,4-Dimethylphenol	9.99	122	84409	48.694	ng	98
28) bis(2-Chloroethoxy)methane	10.20	93	99369	37.447	ng	98
29) 2,4-Dichlorophenol	10.47	162	94612	42.598	ng	93
30) 1,2,4-Trichlorobenzene	10.66	180	104769	37.427	ng	99
31) Naphthalene	10.85	128	274632	39.907	ng	99
32) Benzoic acid	10.18	122	40404	33.820	ng	91
33) 4-Chloroaniline	10.97	127	73432	26.031	ng	96
34) Hexachlorobutadiene	11.14	225	76621	37.027	ng	95
35) Caprolactam	11.74	113	28302m	36.999	ng	
36) 4-Chloro-3-methylphenol	12.12	107	101145	41.749	ng	99
37) 2-Methylnaphthalene	12.46	142	205613	38.940	ng	98
38) 1-Methylnaphthalene	12.68	142	192493	38.314	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	133841	37.567	ng	99

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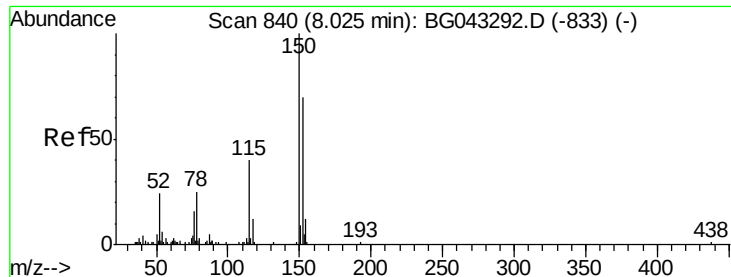
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.81	237	124142	66.332	nq	100
43) 2,4,6-Trichlorophenol	13.08	196	83118	39.615	nq	98
44) 2,4,5-Trichlorophenol	13.16	196	87199	41.109	nq	97
46) 1,1'-Biphenyl	13.46	154	279946	38.225	nq	98
47) 2-Chloronaphthalene	13.50	162	214414	38.479	nq	98
48) 2-Nitroaniline	13.72	65	64868	38.950	nq	98
49) Acenaphthylene	14.35	152	352253	40.618	nq	100
50) Dimethylphthalate	14.09	163	277466	37.211	nq	98
51) 2,6-Dinitrotoluene	14.20	165	63844	39.411	nq	96
52) Acenaphthene	14.69	154	206546	39.054	nq	93
53) 3-Nitroaniline	14.55	138	45924	29.363	nq	87
54) 2,4-Dinitrophenol	14.76	184	59850	61.062	nq	96
55) Dibenzofuran	15.03	168	341254	39.789	nq	100
56) 4-Nitrophenol	14.90	139	85838	81.899	nq	92
57) 2,4-Dinitrotoluene	15.00	165	91246	39.414	nq	# 95
58) Fluorene	15.68	166	284838	39.598	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.27	232	87875	38.992	nq	96
60) Diethylphthalate	15.44	149	278226	37.135	nq	98
61) 4-Chlorophenyl-phenylether	15.67	204	161806	38.558	nq	99
62) 4-Nitroaniline	15.71	138	67172	41.587	nq	99
63) Azobenzene	15.96	77	232793	38.392	nq	96
65) 4,6-Dinitro-2-methylphenol	15.77	198	52259	40.010	nq	97
66) n-Nitrosodiphenylamine	15.88	169	253508	40.457	nq	99
67) 4-Bromophenyl-phenylether	16.56	248	113713	38.071	nq	94
68) Hexachlorobenzene	16.68	284	125151	36.502	nq	94
69) Atrazine	16.83	200	96678	44.402	nq	98
70) Pentachlorophenol	17.04	266	107544	68.838	nq	97
71) Phenanthrene	17.42	178	450111	39.604	nq	99
72) Anthracene	17.51	178	463201	40.735	nq	98
73) Carbazole	17.78	167	423978	41.173	nq	99
74) Di-n-butylphthalate	18.33	149	492990	39.457	nq	99
75) Fluoranthene	19.43	202	615176	41.519	nq	99
77) Benzidine	19.61	184	245080	47.824	nq	98
78) Pyrene	19.79	202	622604	39.501	nq	99
80) Butylbenzylphthalate	20.67	149	233897	39.169	nq	94
81) Benzo(a)anthracene	21.62	228	637069	39.941	nq	99
82) 3,3'-Dichlorobenzidine	21.54	252	209415	33.945	nq	99
83) Chrysene	21.69	228	623635	39.352	nq	99
84) Bis(2-ethylhexyl)phthalate	21.52	149	342380	40.363	nq	100
85) Di-n-octyl phthalate	22.71	149	587978	40.857	nq	100
86) Indeno(1,2,3-cd)pyrene	28.45	276	812558	40.847	nq	100
88) Benzo(b)fluoranthene	23.81	252	685872	42.005	nq	99
89) Benzo(k)fluoranthene	23.88	252	688580	41.890	nq	98
90) Benzo(a)pyrene	24.67	252	673604	43.201	nq	99
91) Dibenzo(a,h)anthracene	28.50	278	687693	43.119	nq	100
92) Benzo(g,h,i)perylene	29.59	276	681150	43.298	nq	99

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



#1

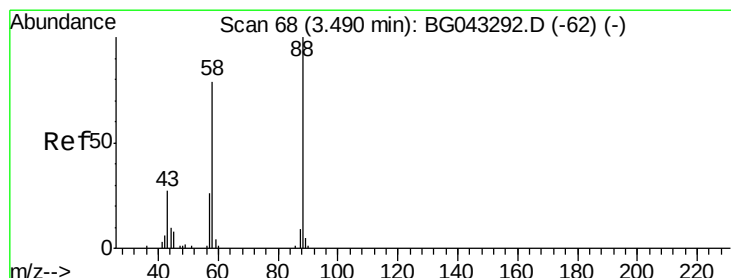
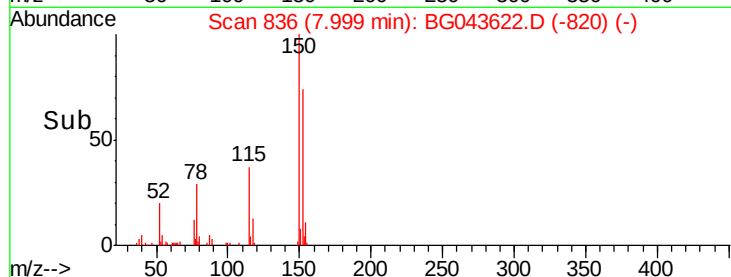
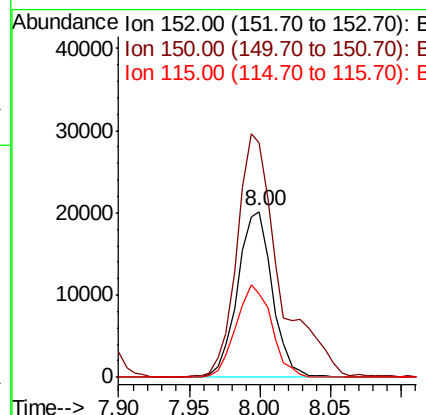
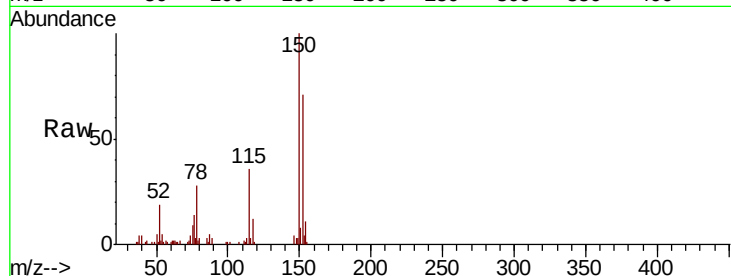
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.00 min Scan# 836
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.3	129.4	194.0
115	50.5	48.8	73.2

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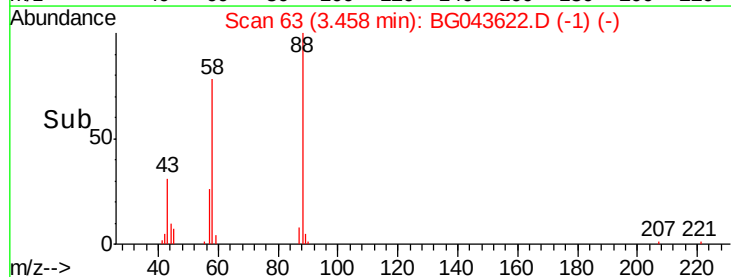
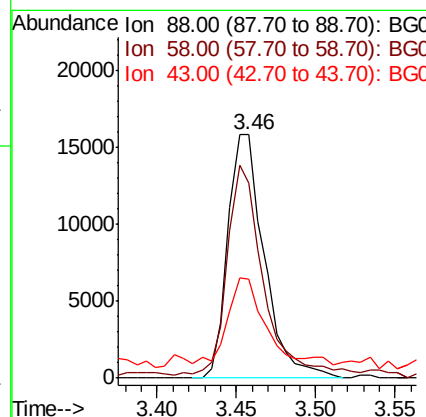
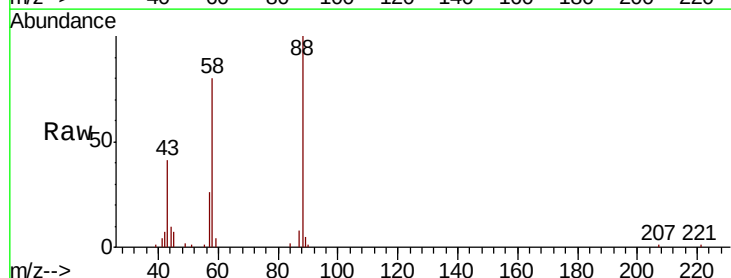
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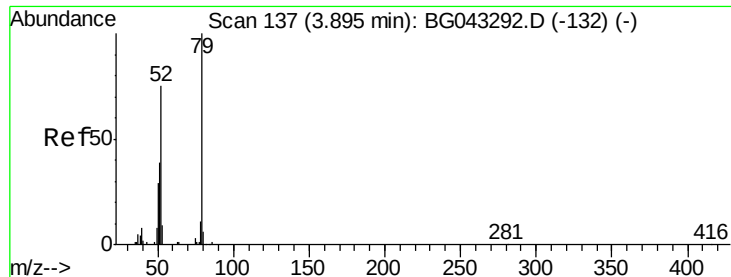


#2

1,4-Dioxane
Concen: 34.246 ng
RT: 3.46 min Scan# 63
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
88	100		
58	84.7	62.7	94.1
43	39.3	23.7	35.5





#3

Pvridine

Concen: 33.357 ng

RT: 3.86 min Scan# 131

Delta R.T. -0.02 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

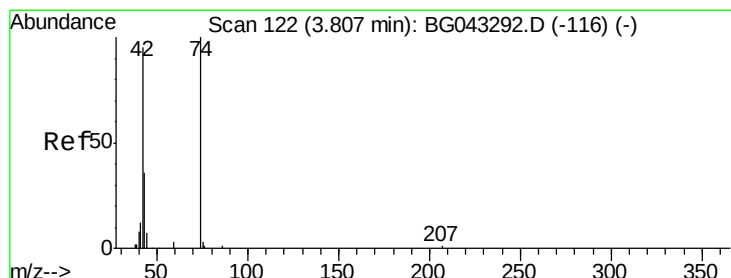
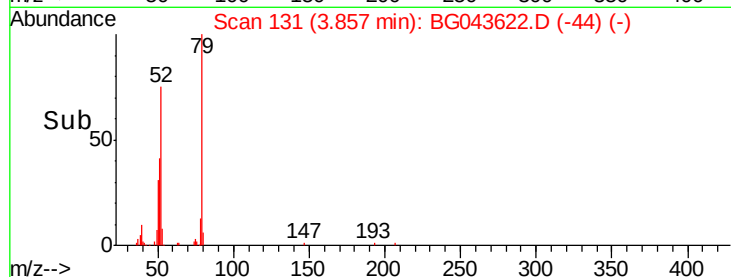
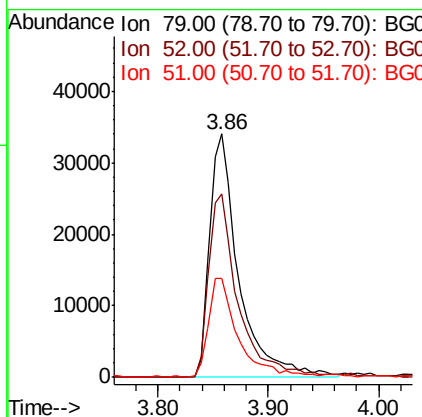
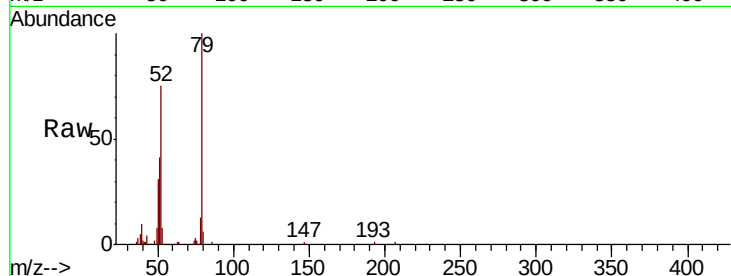
ClientSampleId :

PB124754BS

Tot Ion:	79	Resp:	61722
Ion Ratio	Lower	Upper	
79	100		
52	75.2	56.5	84.7
51	40.6	33.2	49.8

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#4

n-Nitrosodimethylamine

Concen: 42.448 ng

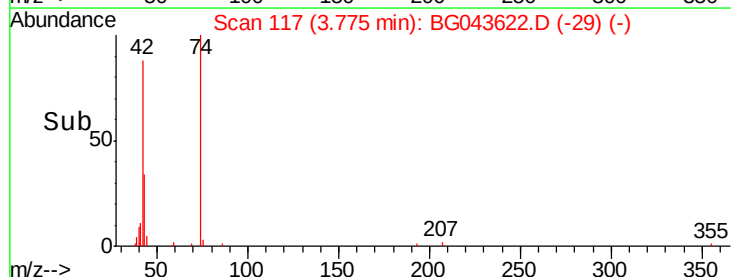
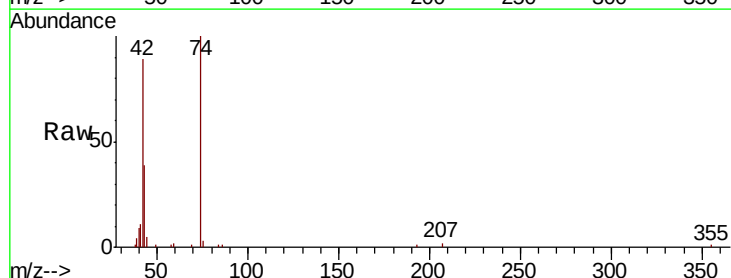
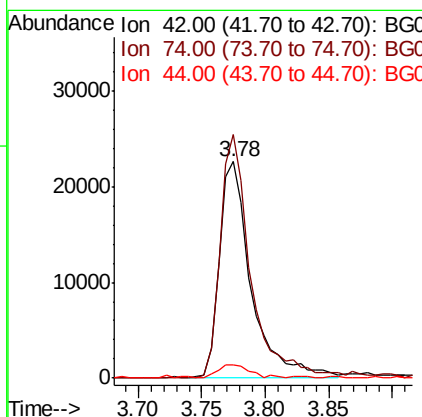
RT: 3.78 min Scan# 117

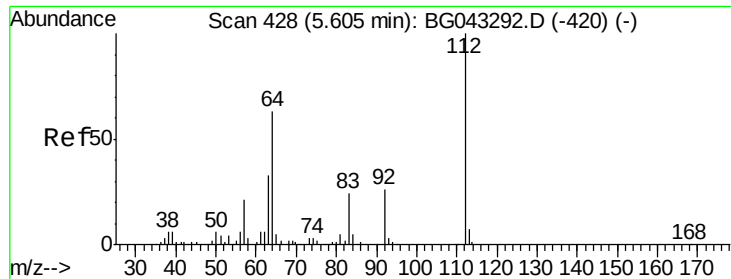
Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Tgt Ion:	42	Resp:	39633
Ion Ratio	Lower	Upper	
42	100		
74	112.4	97.3	145.9
44	6.0	4.4	6.6





#5

2-Fluorophenol

Concen: 75.323 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

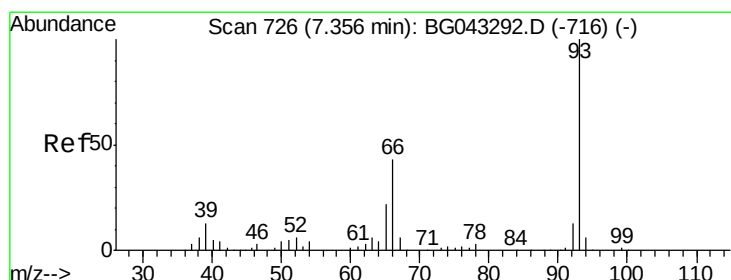
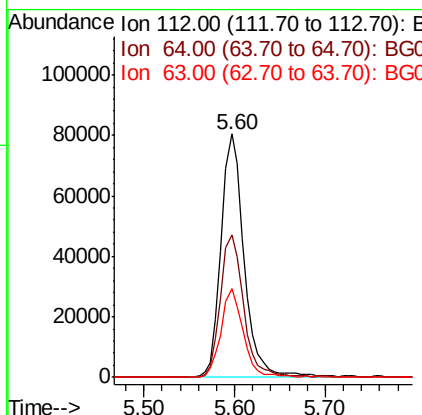
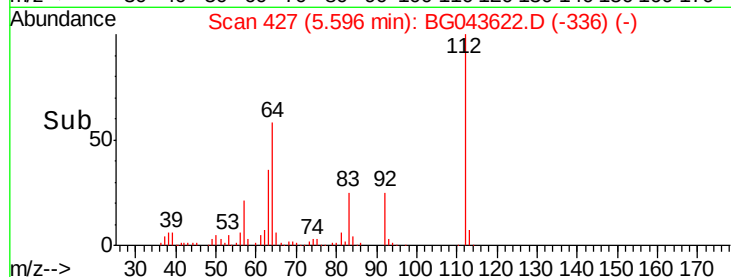
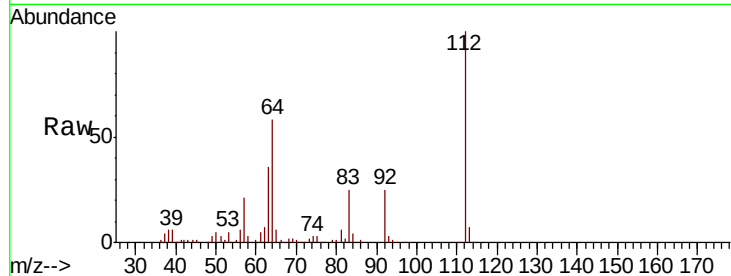
ClientSampleId :

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Tot Ion:	112	Resp:	141780
Ion Ratio	Lower	Upper	
112	100		
64	58.5	50.0	75.0
63	36.2	26.6	40.0

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#6

Aniline

Concen: 31.156 ng

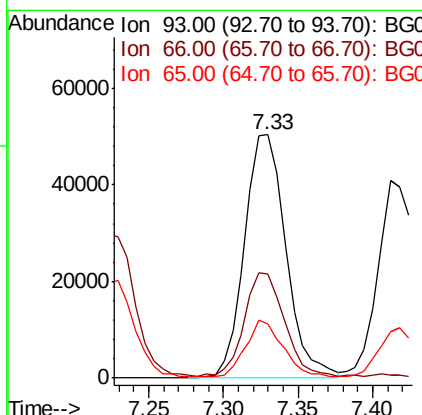
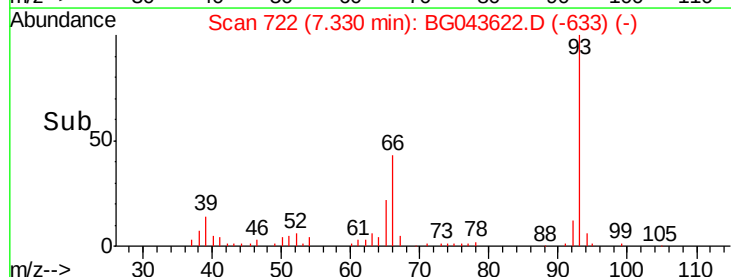
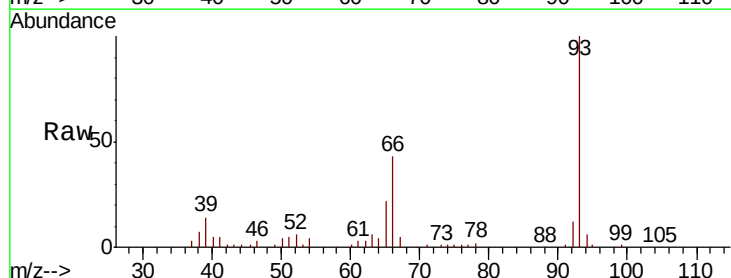
RT: 7.33 min Scan# 722

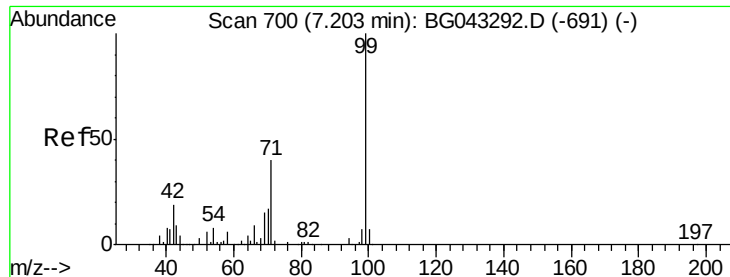
Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Tgt Ion:	93	Resp:	97198
Ion Ratio	Lower	Upper	
93	100		
66	42.5	32.3	48.5
65	22.3	16.1	24.1





#7

Phenol-d6

Concen: 69.149 ng

RT: 7.20 min Scan# 700

Delta R.T. 0.00 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

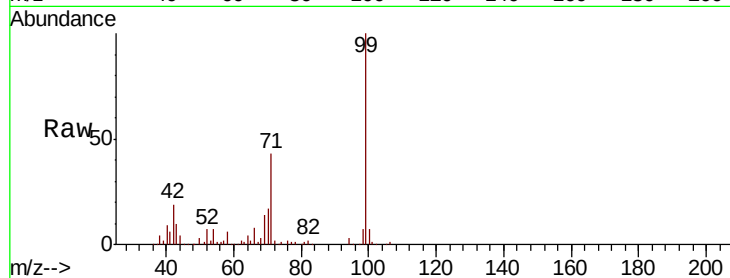
ClientSampleId :

PB124754BS

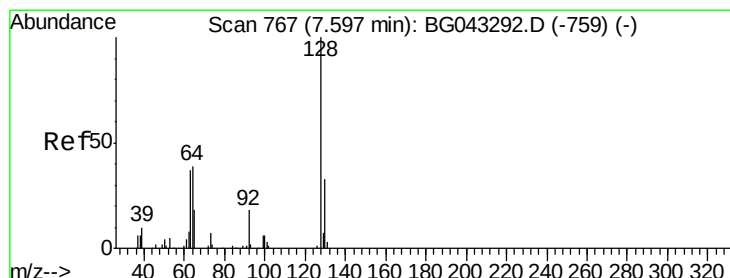
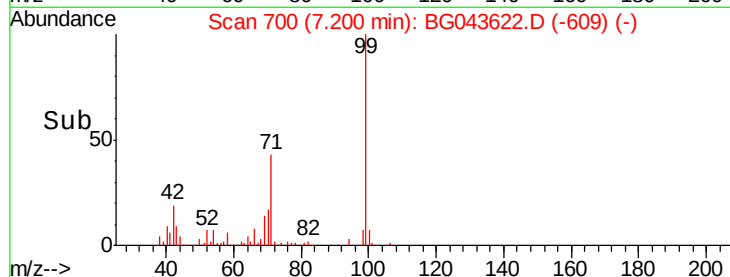
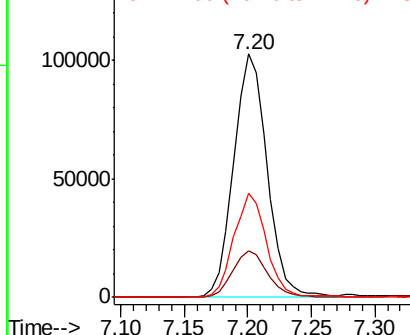
Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		187268		
42	19.1	14.6	21.8		
71	42.7	32.5	48.7		

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



#8

2-Chlorophenol

Concen: 43.604 ng

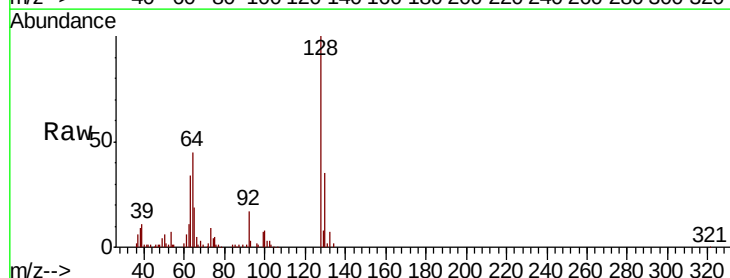
RT: 7.58 min Scan# 764

Delta R.T. -0.01 min

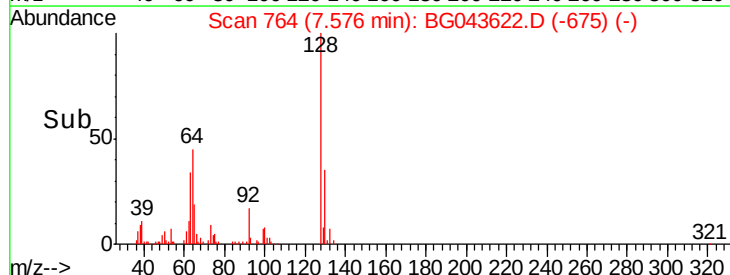
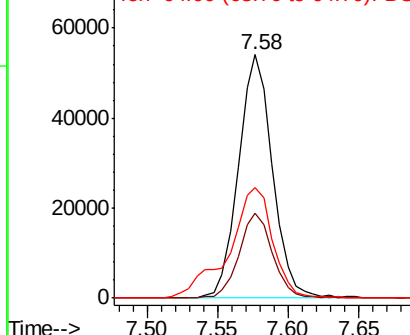
Lab File: BG043622.D

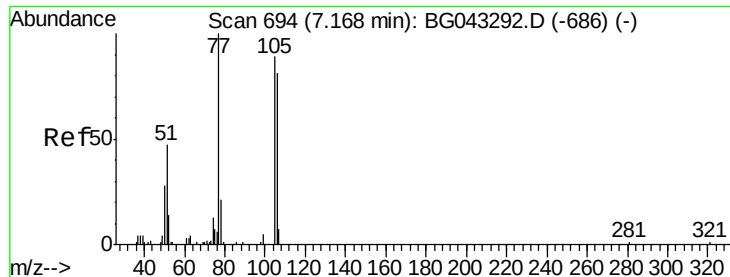
Acq: 13 Nov 2019 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		90602		
130	35.1	12.5	52.5		
64	45.4	25.3	65.3		



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





#9

Benzaldehyde

Concen: 34.000 ng

RT: 7.14 min Scan# 689

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

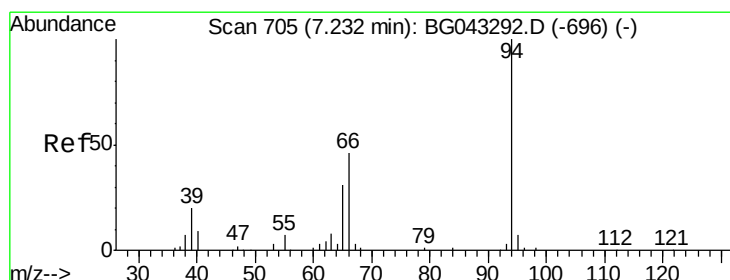
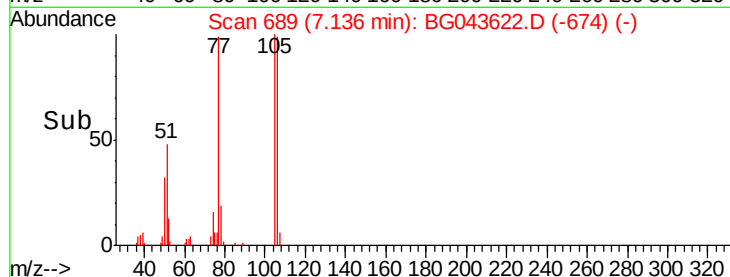
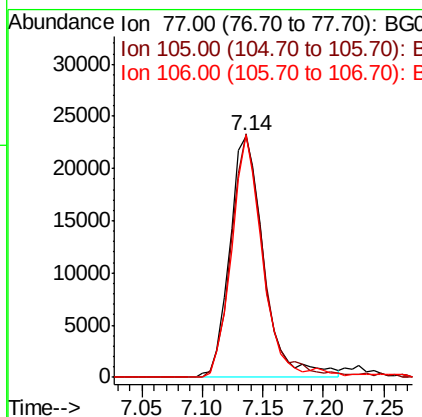
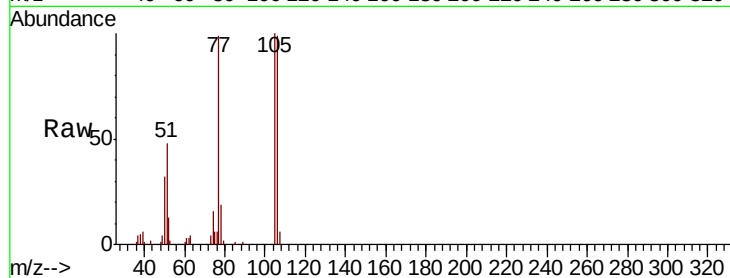
ClientSampleId :

PB124754BS

Tot Ion:	77	Resp:	45251
Ion	Ratio	Lower	Upper
77	100		
105	100.8	68.6	108.6
106	100.2	69.9	109.9

Manual Integrations
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#10

Phenol

Concen: 44.166 ng

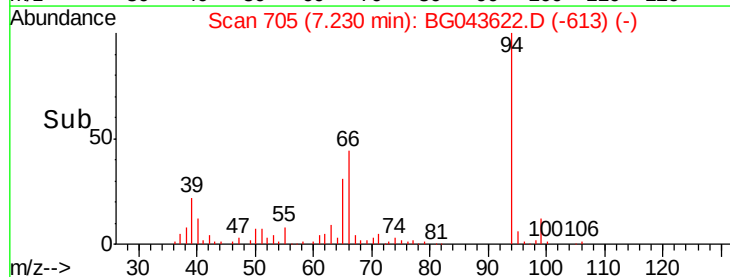
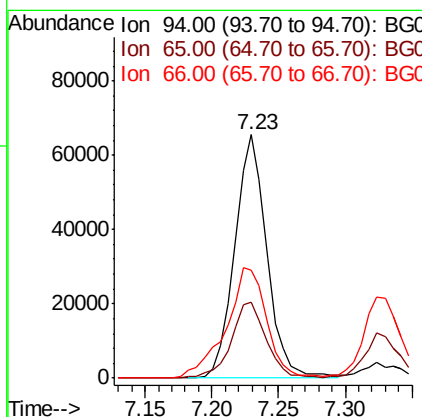
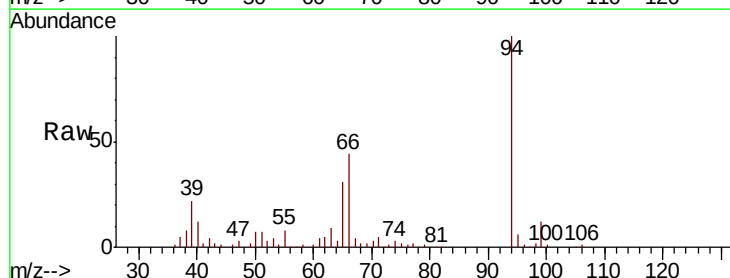
RT: 7.23 min Scan# 705

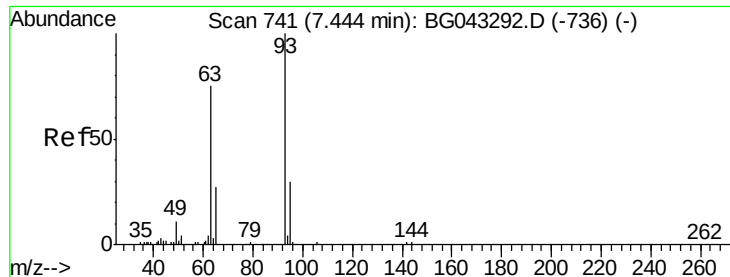
Delta R.T. 0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Tgt Ion:	94	Resp:	109299
Ion	Ratio	Lower	Upper
94	100		
65	31.0	12.6	52.6
66	44.5	30.7	70.7





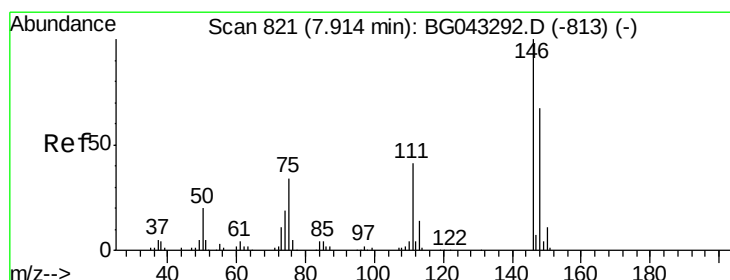
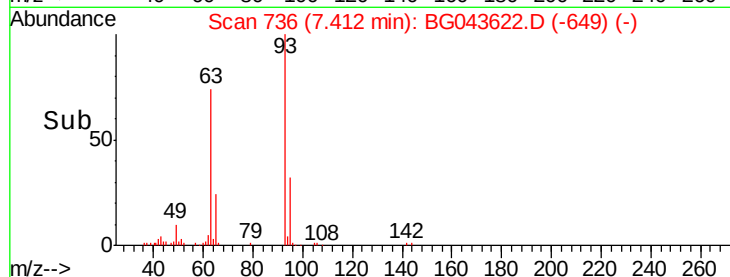
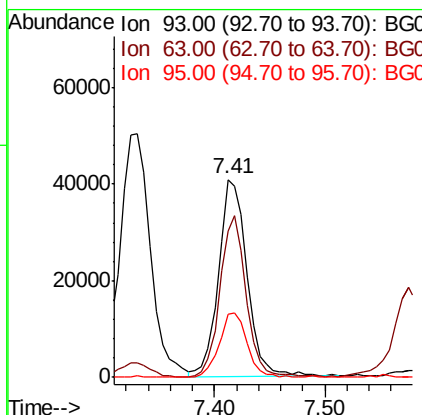
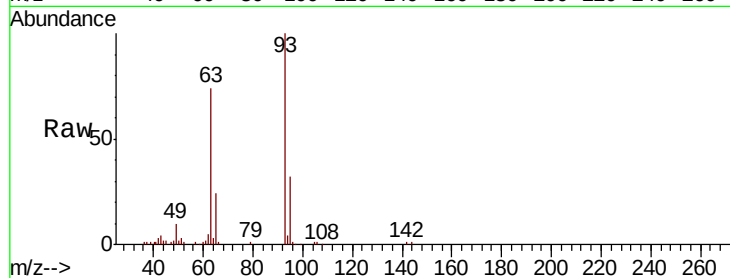
#11
bis(2-Chloroethyl)ether
Concen: 38.564 ng
RT: 7.41 min Scan# 736
Delta R.T. -0.02 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ratio	Lower	Upper
93	100		
63	74.0	56.3	96.3
95	31.6	12.2	52.2

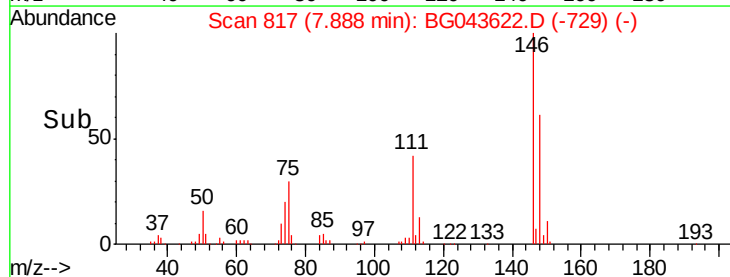
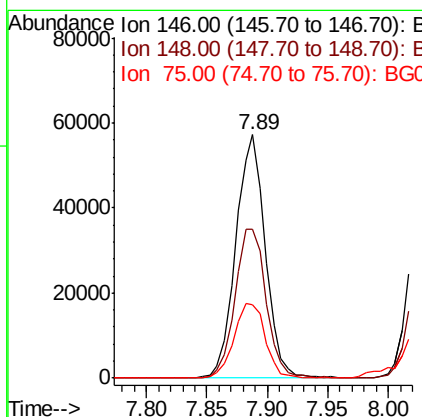
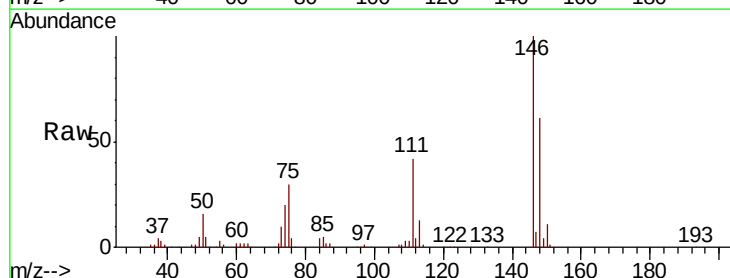
Manual Integrations
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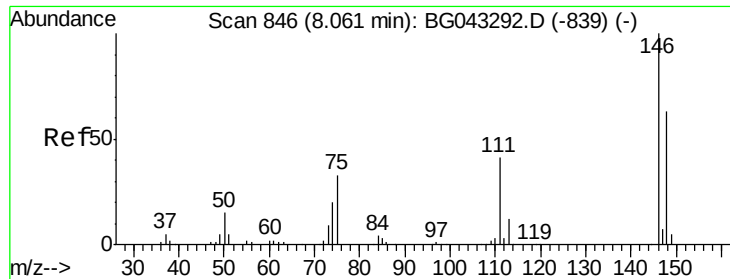
mohammad
11/14/2019 2:08:02 PM



#12
1,3-Dichlorobenzene
Concen: 37.415 ng
RT: 7.89 min Scan# 817
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
146	100		
148	61.0	50.3	75.5
75	30.2	24.6	37.0





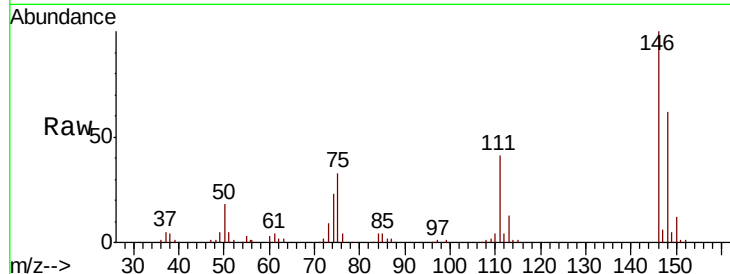
#13
 1,4-Dichlorobenzene
 Concen: 37.567 ng
 RT: 8.03 min Scan# 841
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Instrument :
 BNA_G
 ClientSampleId :
 PB124754BS

Tot Ion	Ratio	Lower	Upper
146	100		
148	62.3	50.7	76.1
111	40.9	33.4	50.2

Manual Integrations
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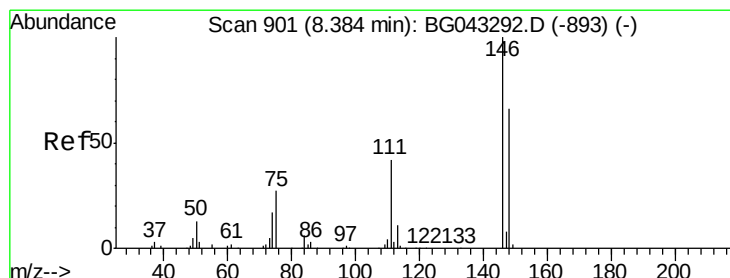
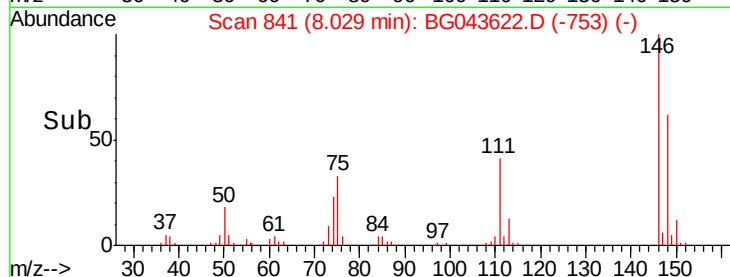
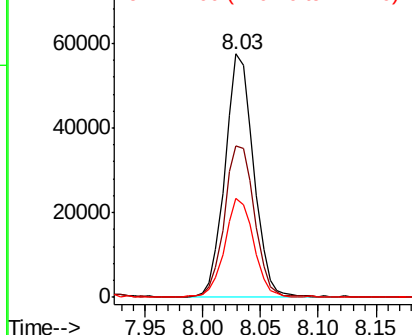


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 36.588 ng
 RT: 8.35 min Scan# 896
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

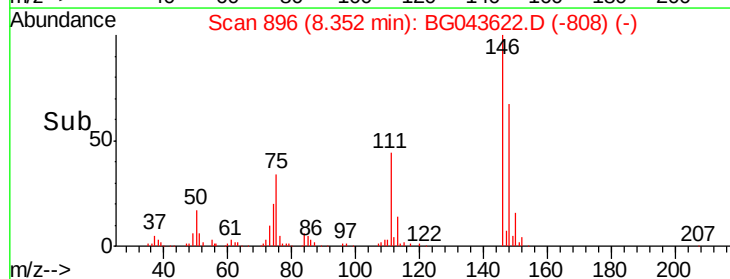
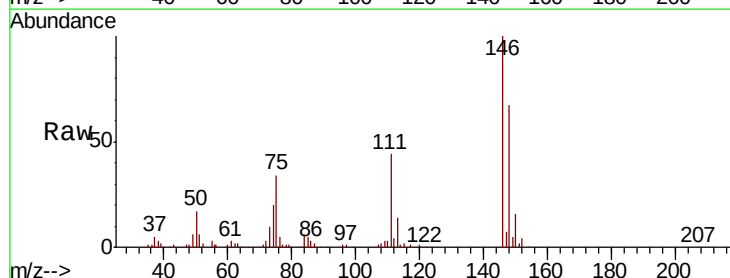
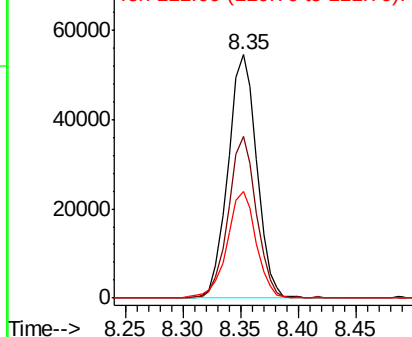
Tgt Ion	Ratio	Lower	Upper
146	100		
148	66.6	53.2	79.8
111	43.8	35.8	53.6

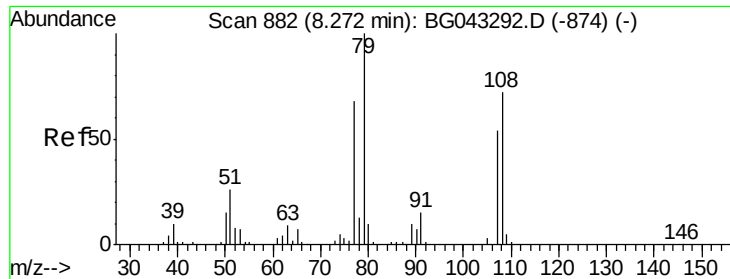
Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





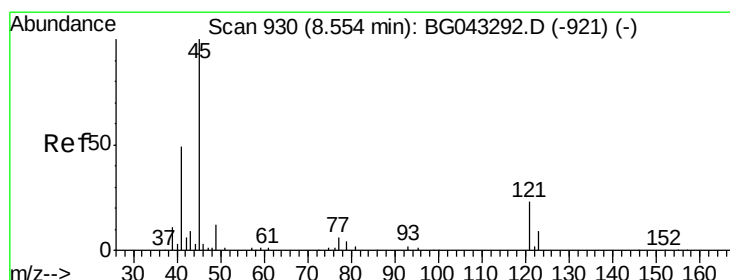
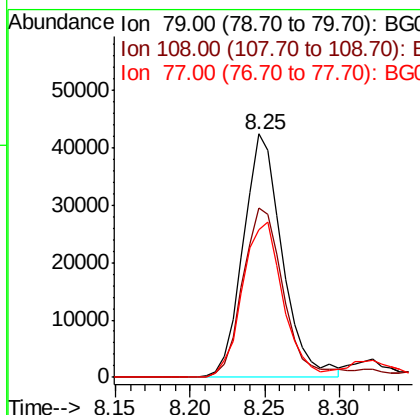
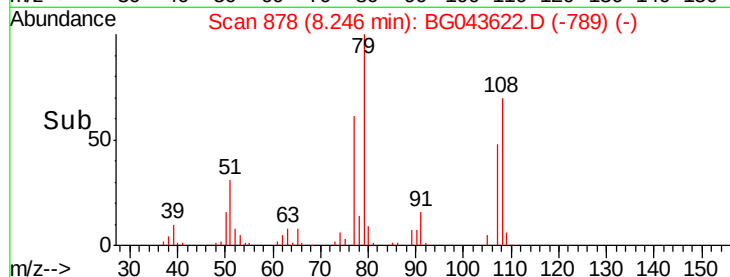
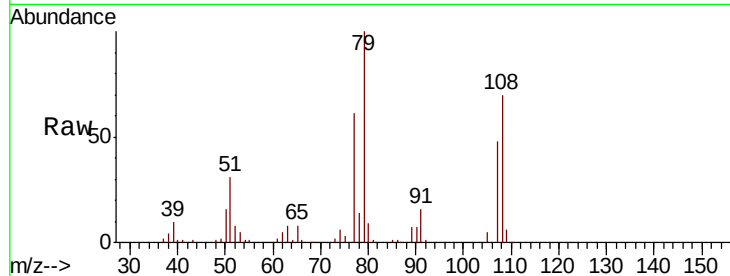
#15
Benzyl Alcohol
Concen: 40.407 ng
RT: 8.25 min Scan# 878
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.7	53.6	80.4
77	60.8	49.6	74.4

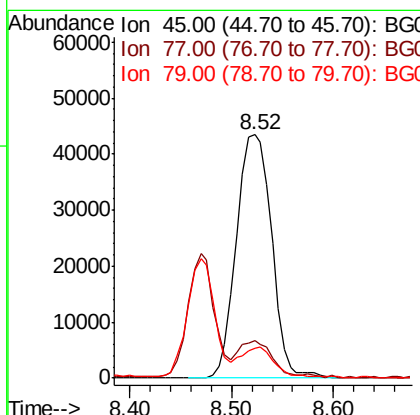
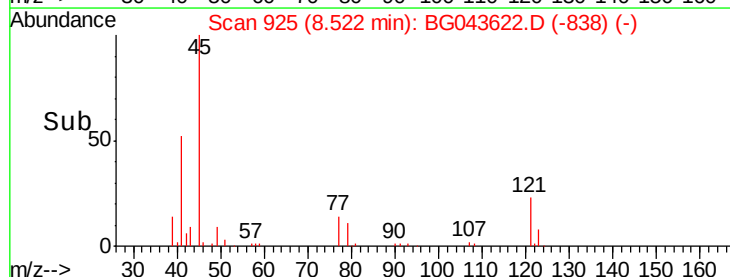
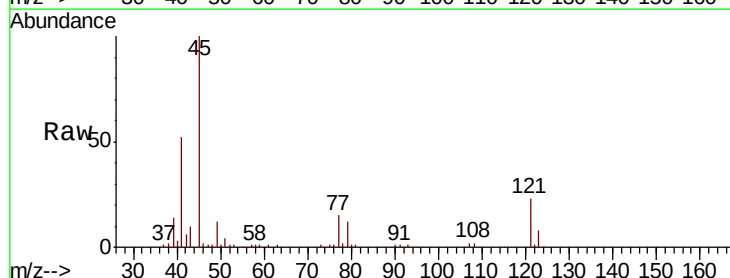
Manual Integrations
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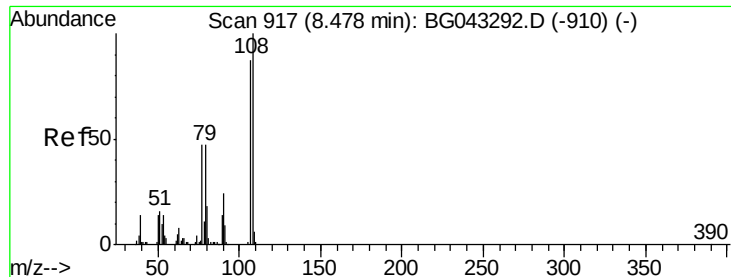
mohammad
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 37.704 ng
RT: 8.52 min Scan# 925
Delta R.T. -0.02 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.3	0.0	34.9
79	12.1	0.0	33.0





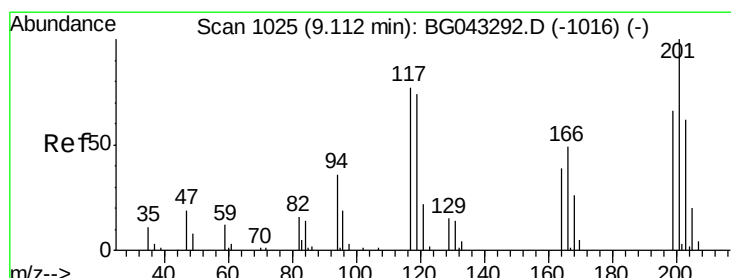
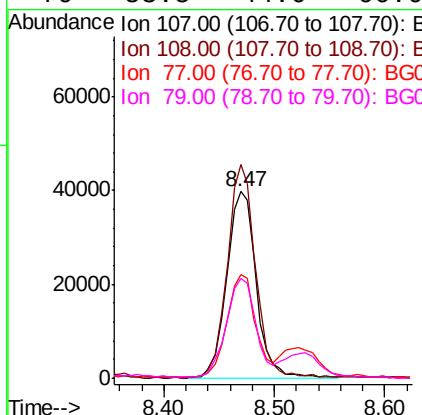
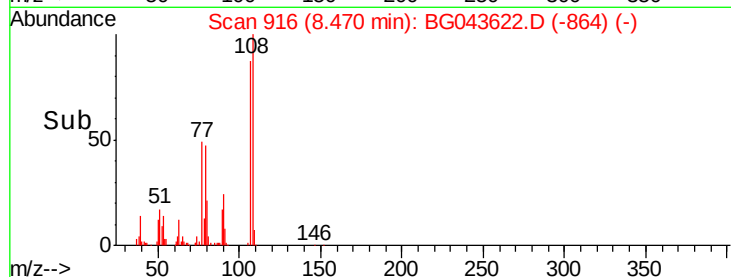
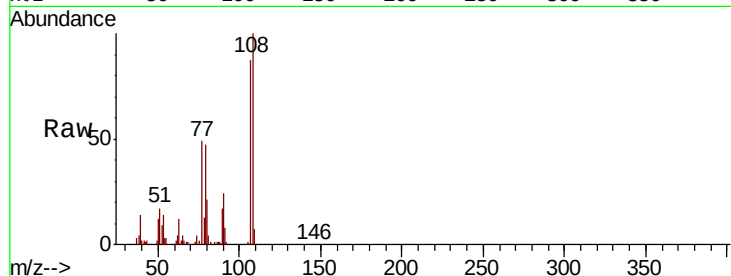
#17
2-Methylphenol
Concen: 41.483 ng
RT: 8.47 min Scan# 916
Delta R.T. 0.00 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	107	Resp	74838
Ion Ratio	Lower	Upper	
107	100		
108	114.4	90.2	135.4
77	55.7	40.2	60.2
79	53.5	44.0	66.0

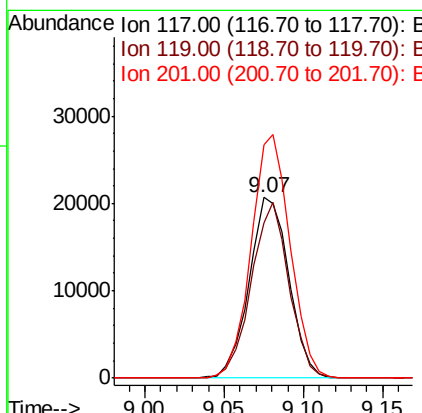
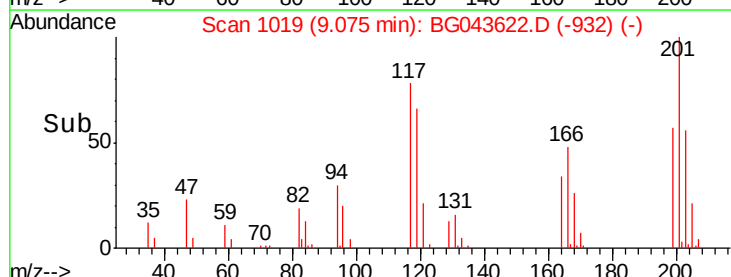
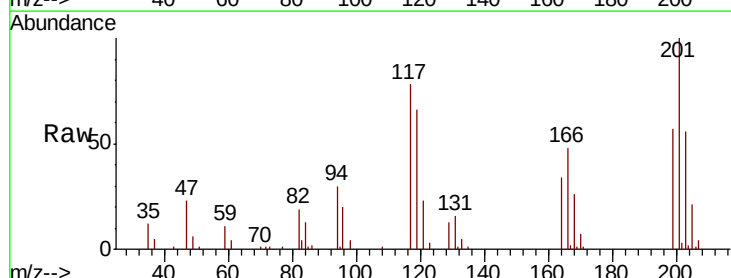
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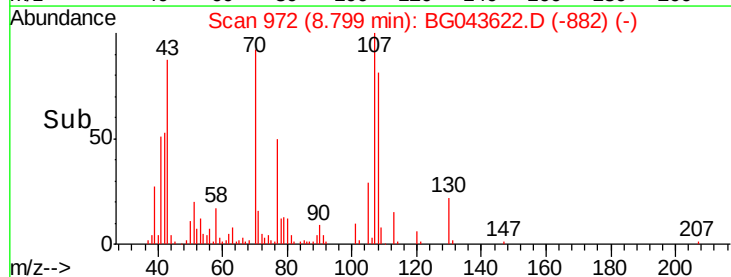
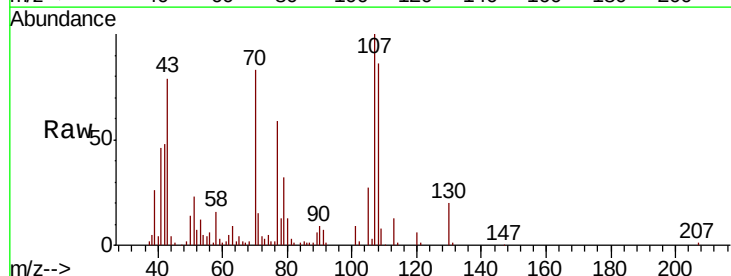
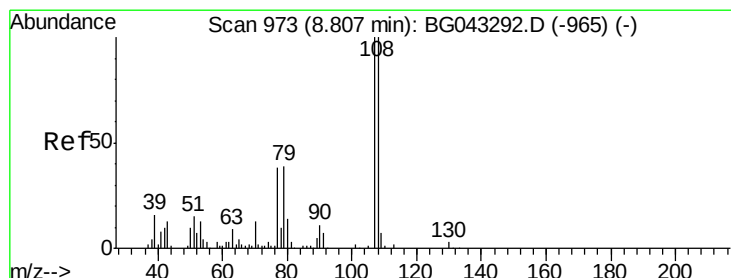
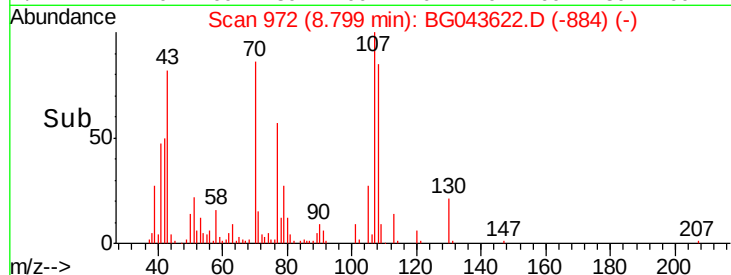
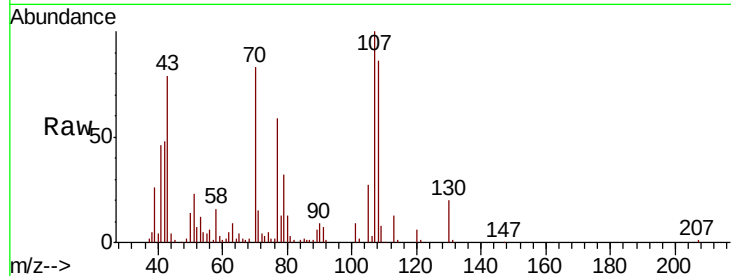
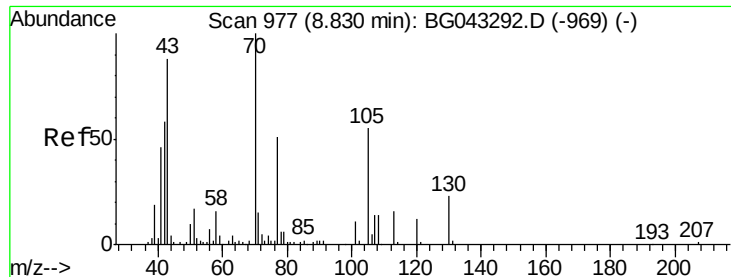
mohammad
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#18
Hexachloroethane
Concen: 37.876 ng
RT: 9.07 min Scan# 1019
Delta R.T. -0.02 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	117	Resp	35994
Ion Ratio	Lower	Upper	
117	100		
119	85.7	79.0	118.4
201	128.8	105.4	158.2





#19

n-Nitroso-di-n-propylamine

Concen: 36.560 ng

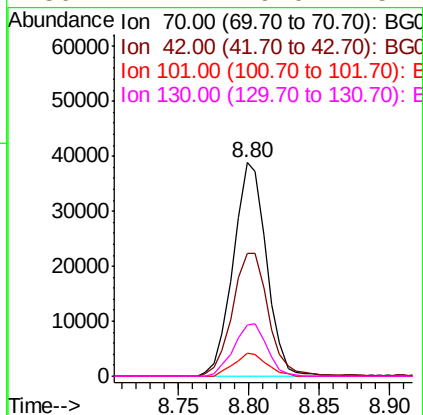
RT: 8.80 min Scan# 972

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.6	41.4	62.2	
101	11.0	7.9	11.9	
130	24.2	19.0	28.4	



Instrument :

BNA_G

ClientSampleId :

PB124754BS

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#20

3+4-Methylphenols

Concen: 40.445 ng

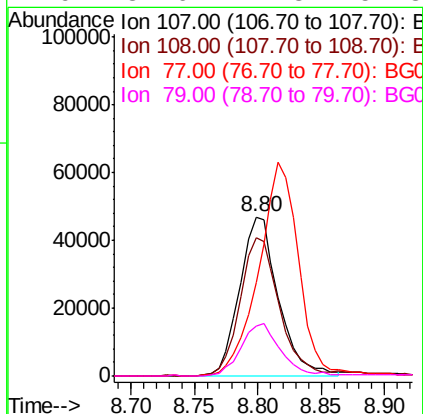
RT: 8.80 min Scan# 972

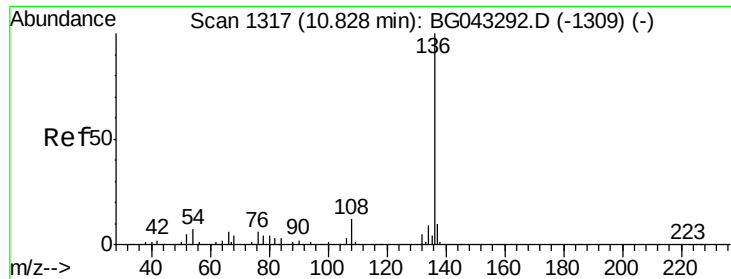
Delta R.T. -0.00 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.4	66.6	106.6	
77	58.9	20.9	60.9	
79	31.6	11.3	51.3	





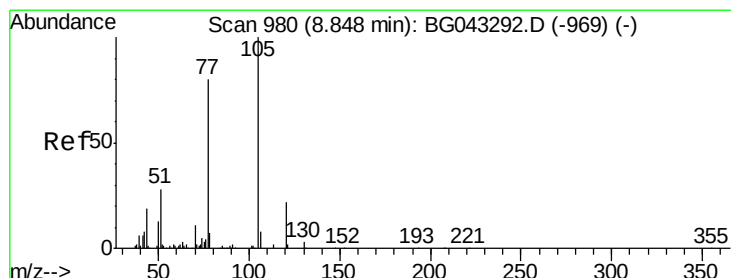
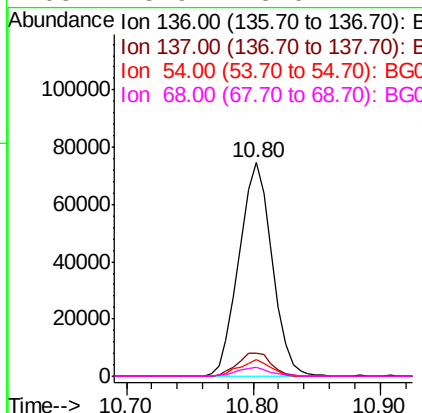
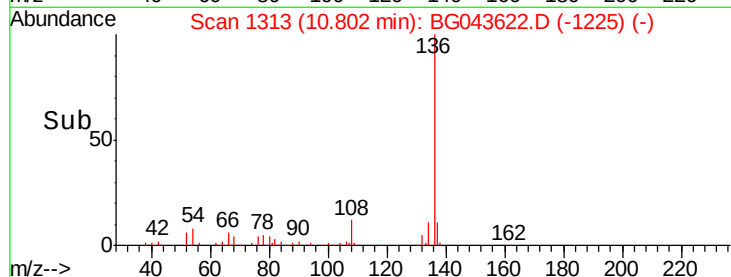
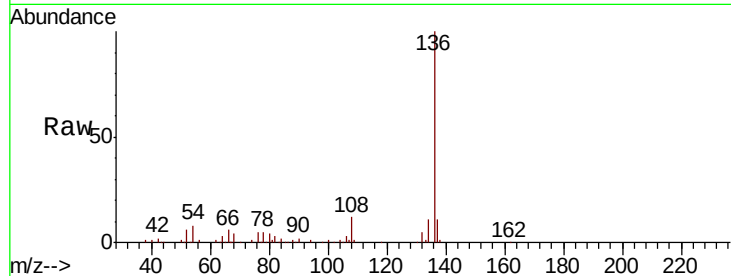
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.80 min Scan# 1313
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		135577		
137	10.8	8.7	13.1		
54	7.9	5.4	8.2		
68	3.9	3.0	4.4		

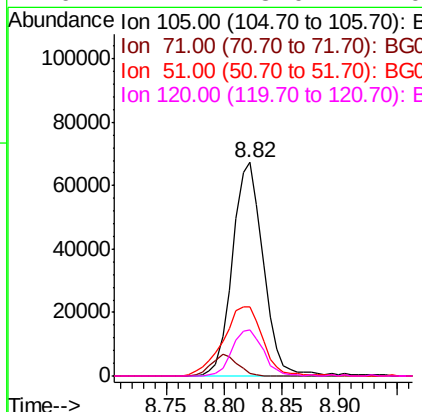
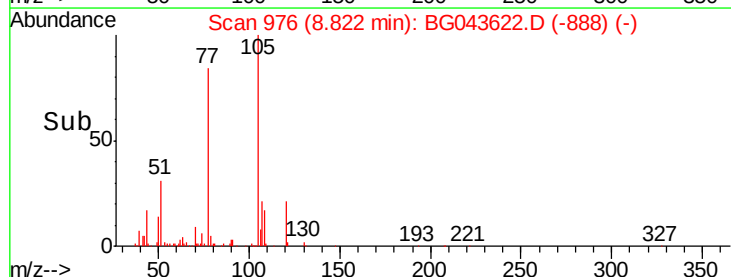
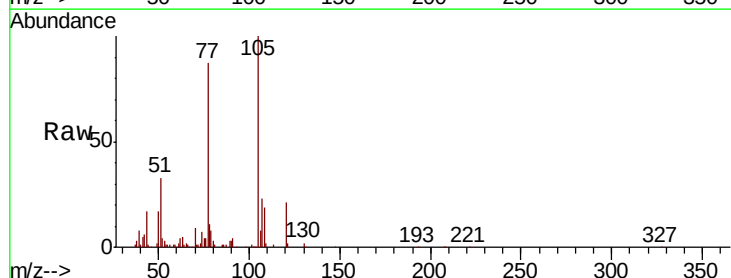
Manual Integrations
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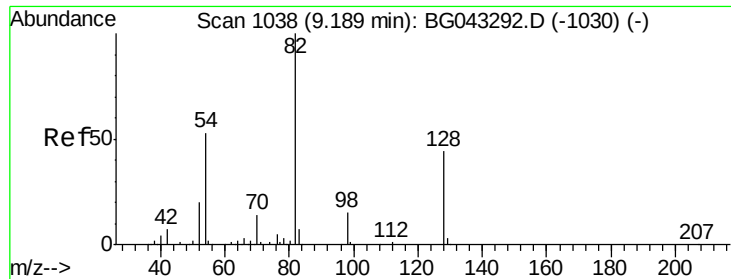
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#22
Acetophenone
Concen: 35.977 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		124911		
71	1.3	0.8	1.2#		
51	32.6	21.0	31.4#		
120	21.4	18.0	27.0		





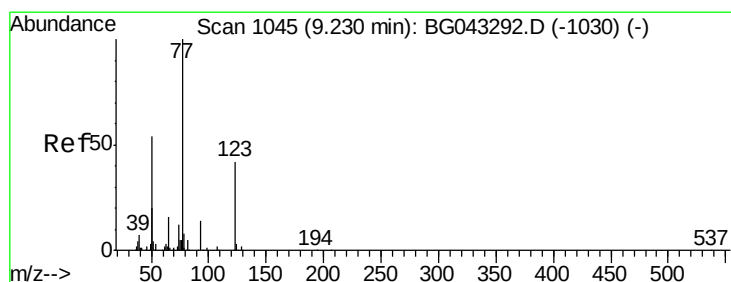
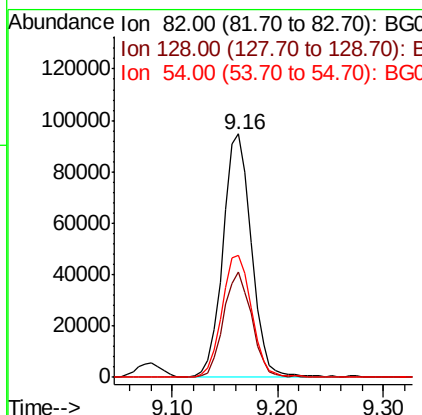
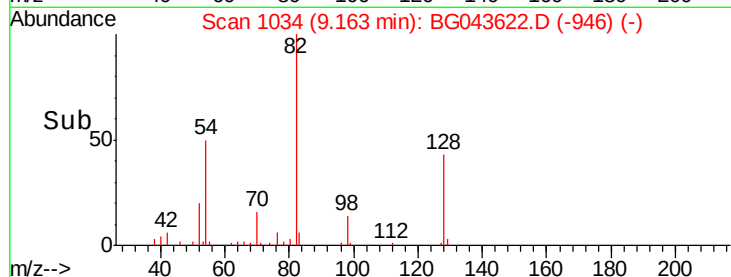
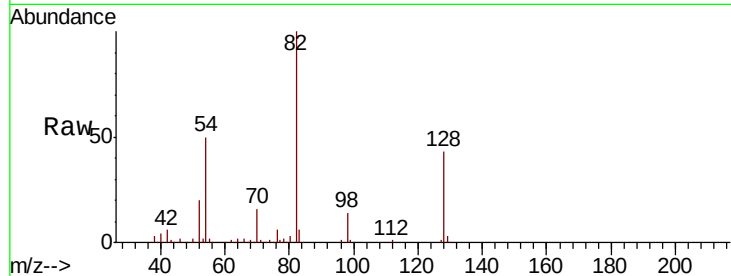
#23
Nitrobenzene-d5
Concen: 67.248 ng
RT: 9.16 min Scan# 1034
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.4	35.0	52.6
54	50.1	40.2	60.2

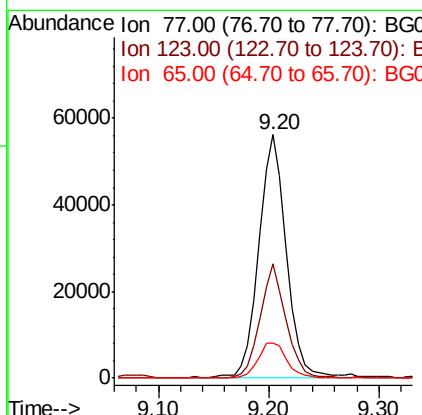
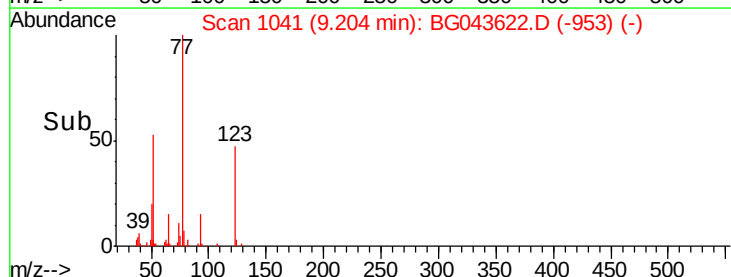
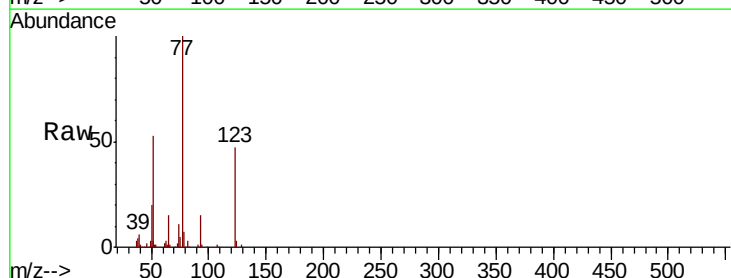
Manual Integrations
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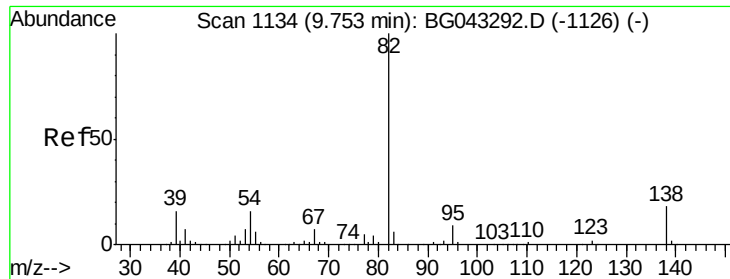
mohammad
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#24
Nitrobenzene
Concen: 39.308 ng
RT: 9.20 min Scan# 1041
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.9	35.0	52.6
65	14.6	9.5	14.3#





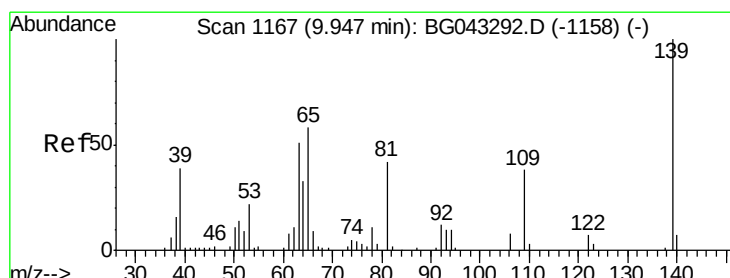
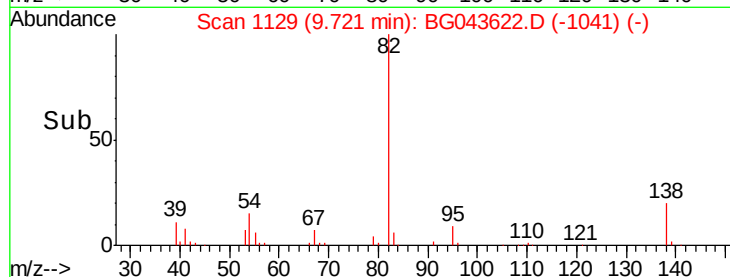
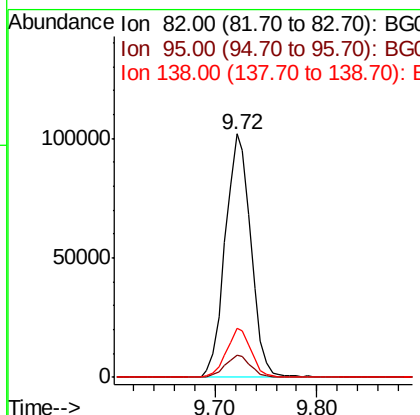
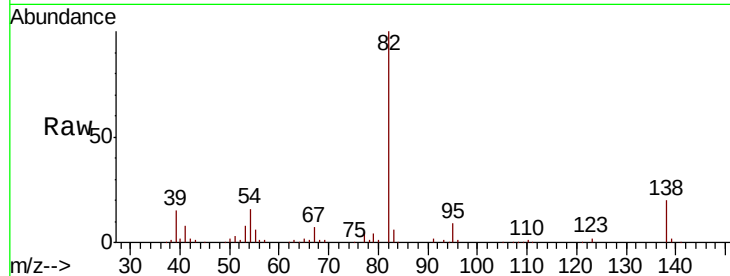
#25
Isophorone
Concen: 37.147 ng
RT: 9.72 min Scan# 1129
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	178599		
95	9.2		6.6	9.8
138	20.1		15.2	22.8

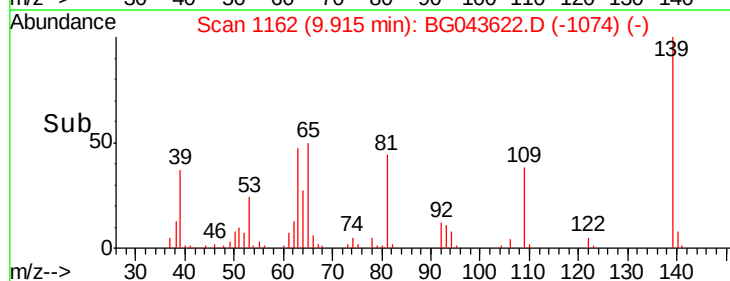
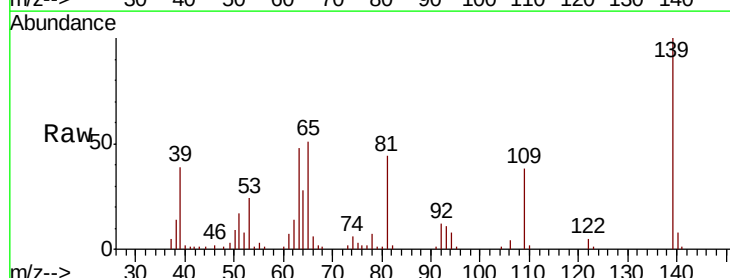
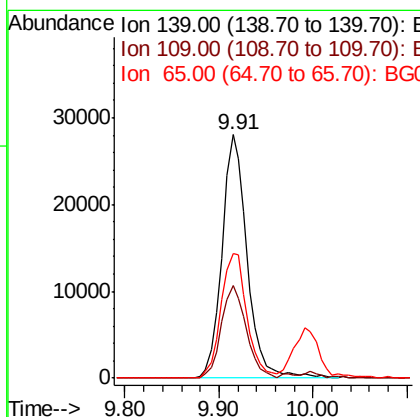
Manual Integrations
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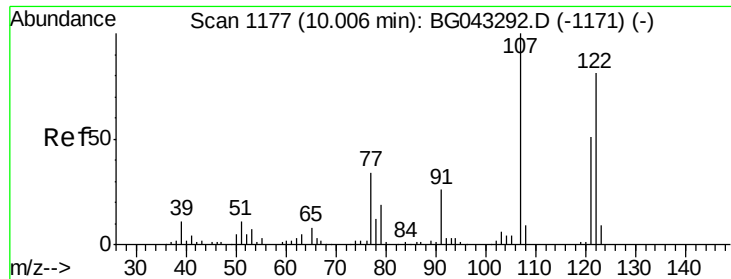
mohammad
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#26
2-Nitrophenol
Concen: 43.018 ng
RT: 9.91 min Scan# 1162
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	52028		
109	38.1		26.5	39.7
65	51.2		43.8	65.8





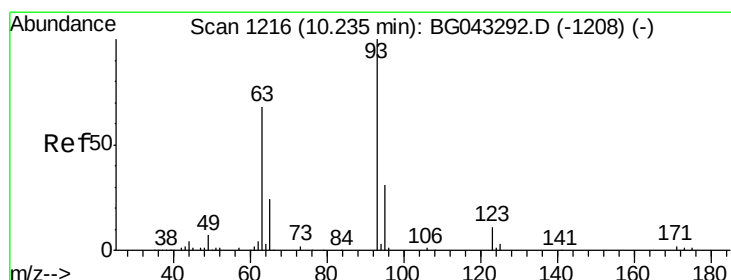
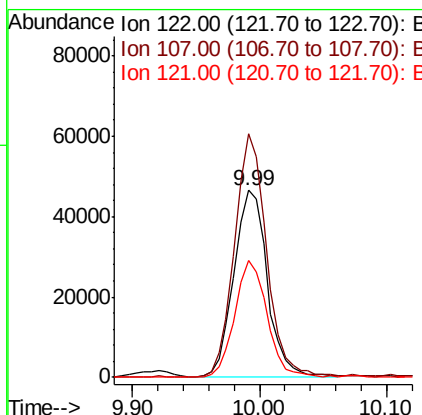
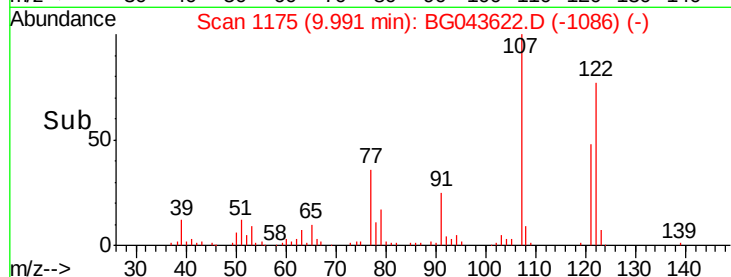
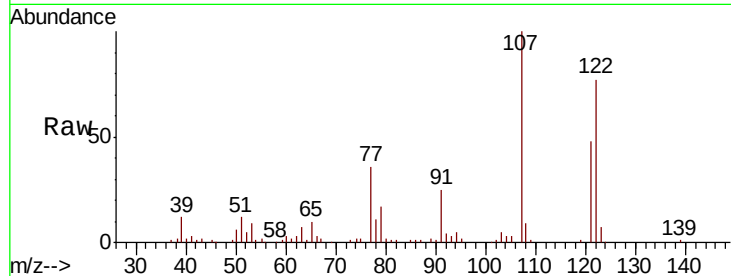
#27
2,4-Dimethylphenol
Concen: 48.694 ng
RT: 9.99 min Scan# 1175
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	130.3	104.4	156.6		
121	62.7	47.2	70.8		

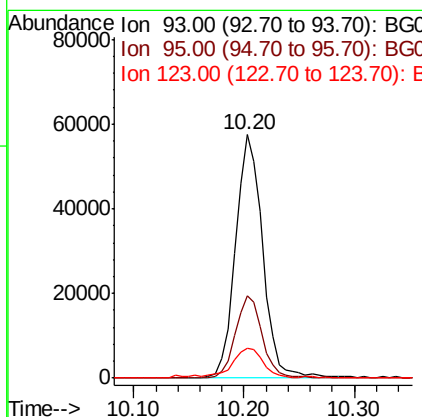
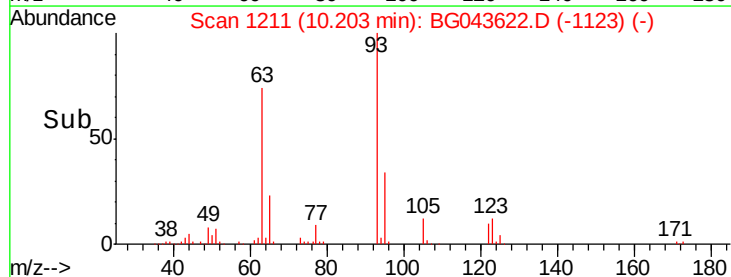
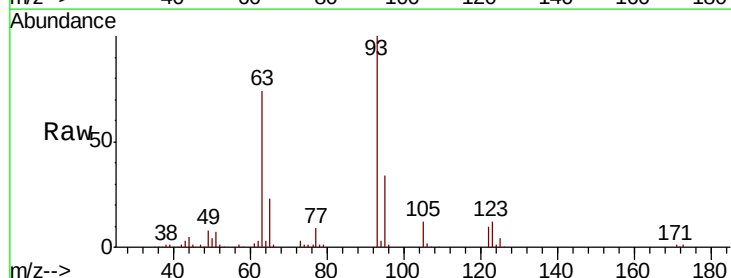
Manual Integrations
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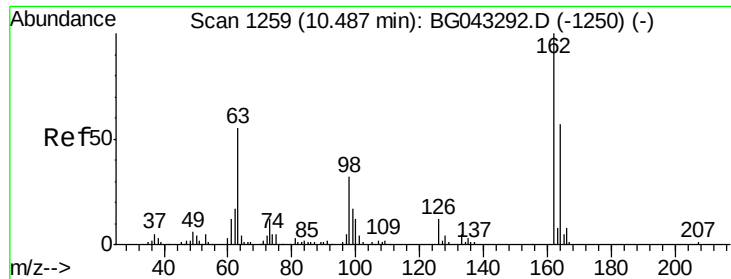
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 37.447 ng
RT: 10.20 min Scan# 1211
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	33.8	26.0	39.0		
123	12.3	10.6	15.8		





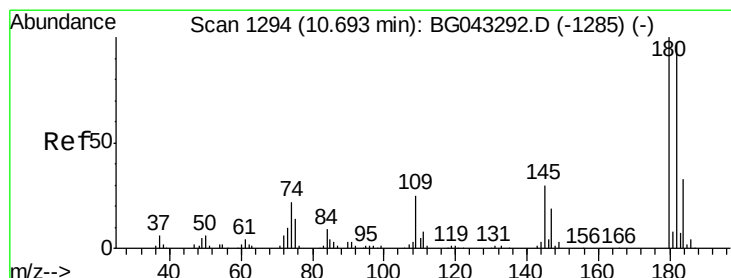
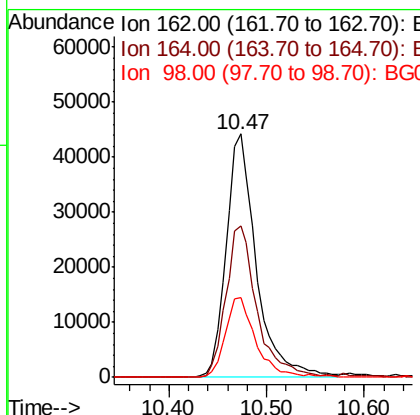
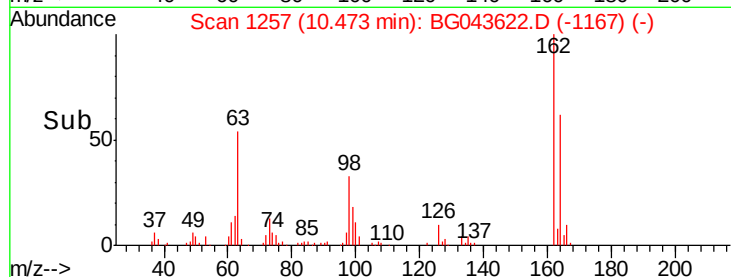
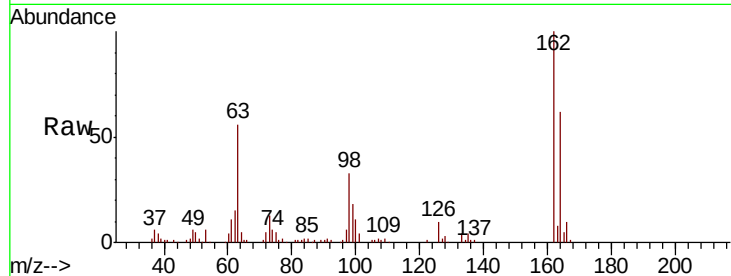
#29
2,4-Dichlorophenol
Concen: 42.598 ng
RT: 10.47 min Scan# 1257
Delta R.T. -0.00 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion:	162	Resp:	94612
Ion Ratio	Lower	Upper	
162	100		
164	62.1	48.9	88.9
98	32.6	15.1	55.1

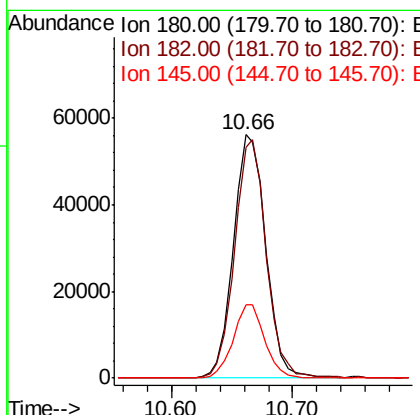
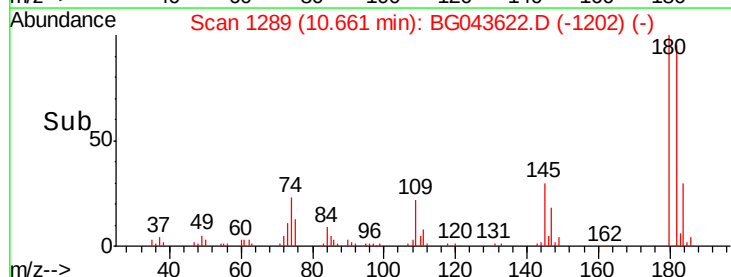
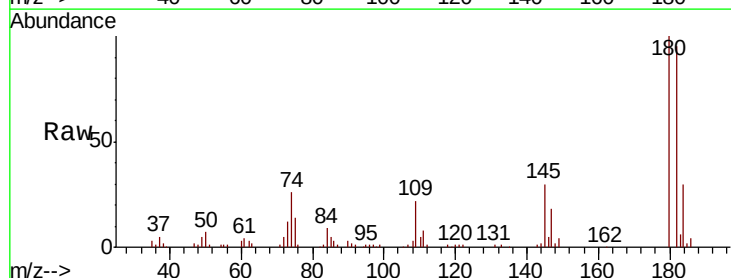
Manual Integrations
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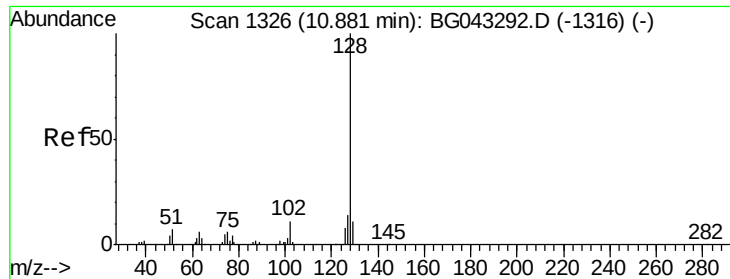
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#30
1,2,4-Trichlorobenzene
Concen: 37.427 ng
RT: 10.66 min Scan# 1289
Delta R.T. -0.02 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion:	180	Resp:	104769
Ion Ratio	Lower	Upper	
180	100		
182	94.9	75.1	112.7
145	29.9	23.9	35.9





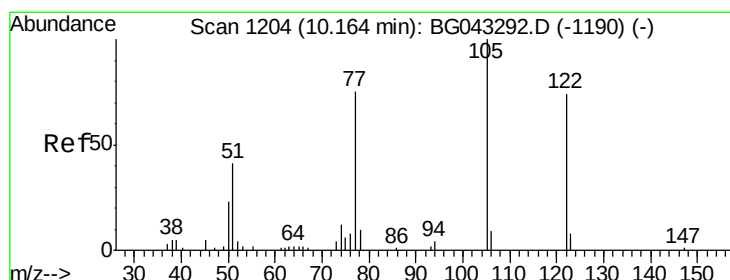
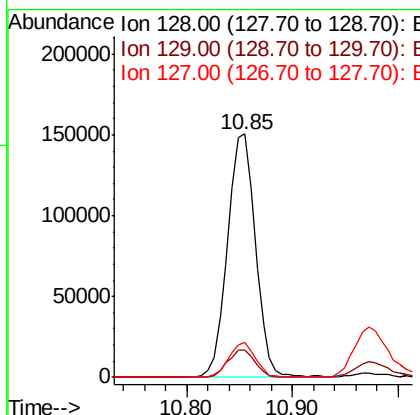
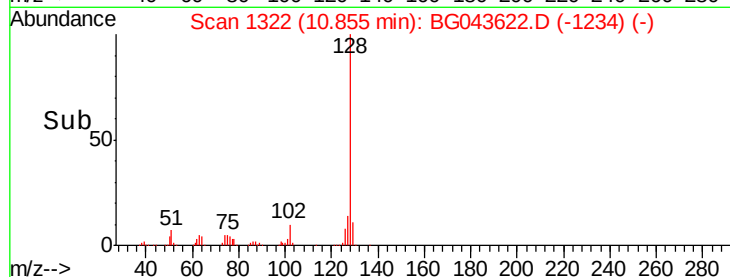
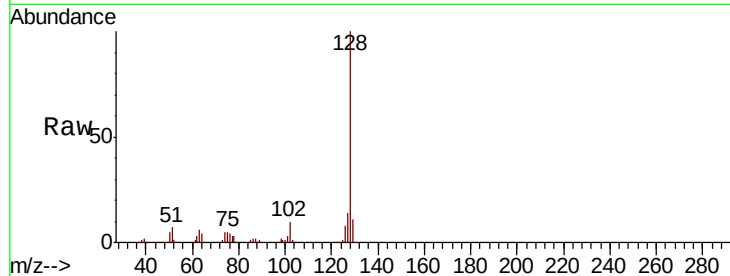
#31
Naphthalene
Concen: 39.907 ng
RT: 10.85 min Scan# 1322
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.2	9.4	14.0
127	14.3	11.1	16.7

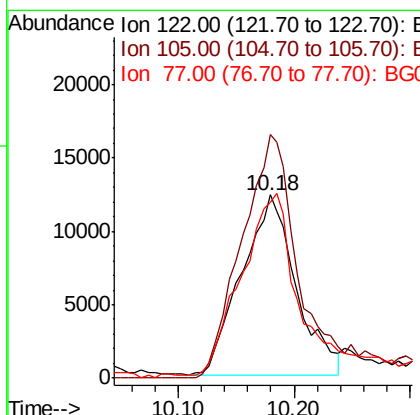
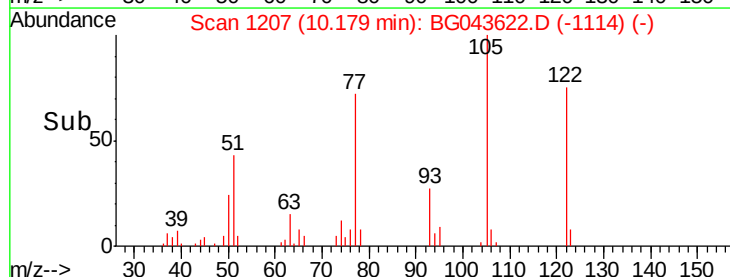
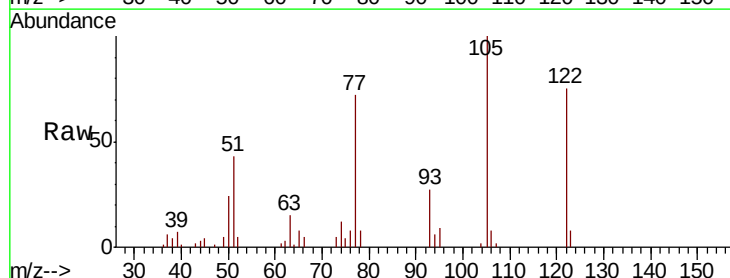
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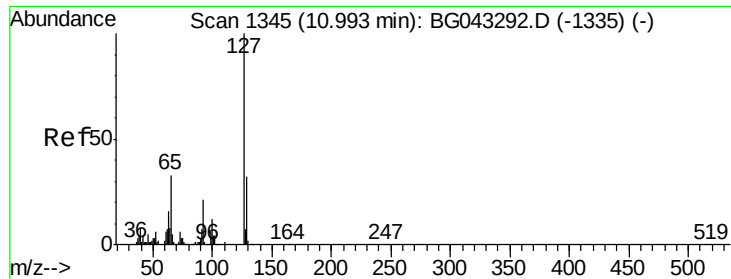
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#32
Benzoic acid
Concen: 33.820 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
122	100		
105	132.8	103.3	143.3
77	95.7	84.9	124.9





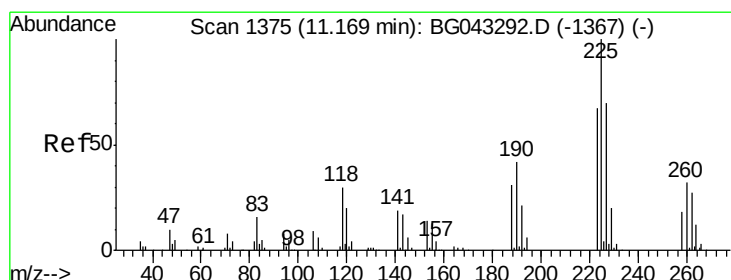
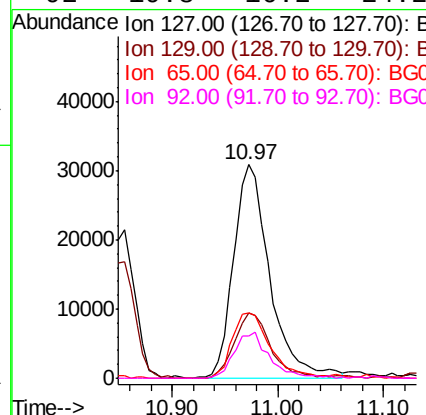
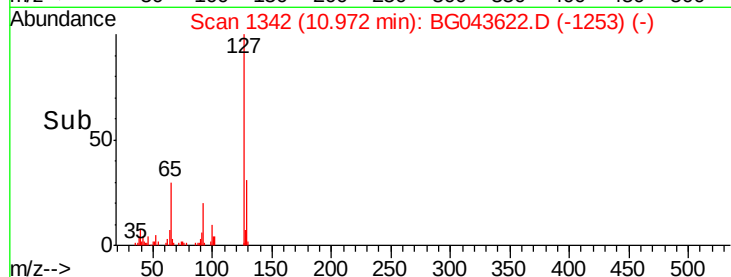
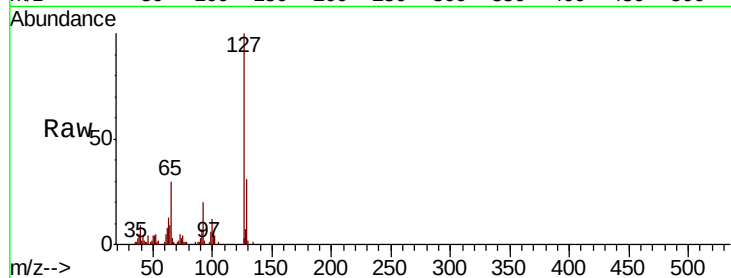
#33
4-Chloroaniline
Concen: 26.031 ng
RT: 10.97 min Scan# 1342
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ratio	Lower	Upper
127	100		
129	30.7	26.5	39.7
65	30.4	26.4	39.6
92	19.8	16.2	24.2

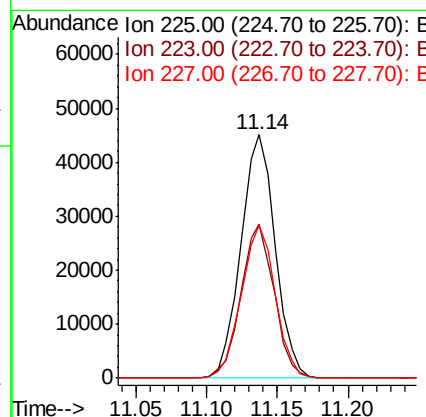
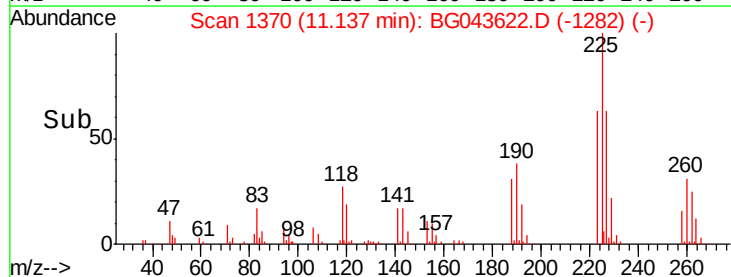
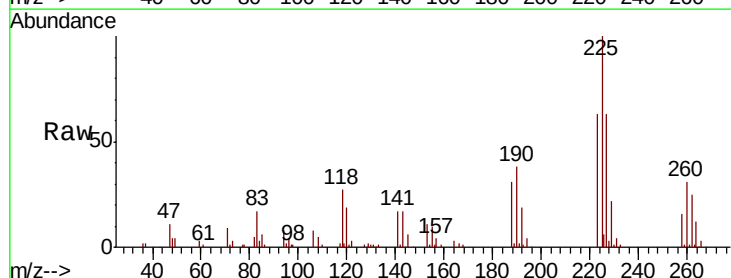
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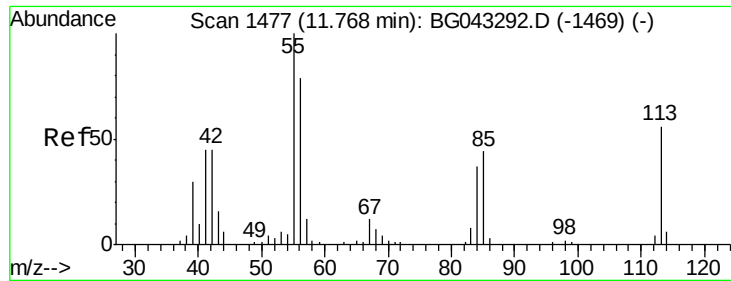
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#34
Hexachlorobutadiene
Concen: 37.027 ng
RT: 11.14 min Scan# 1370
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.2	52.7	79.1
227	62.6	54.8	82.2





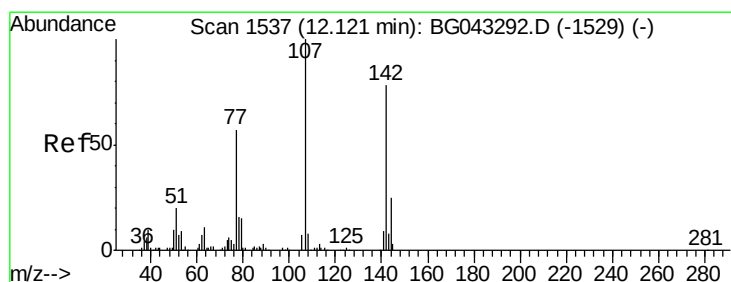
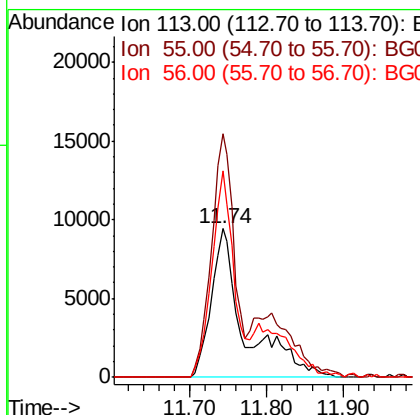
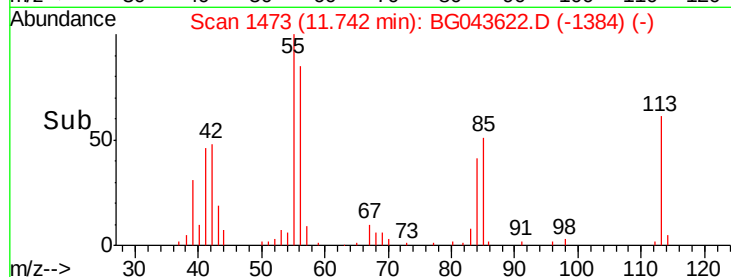
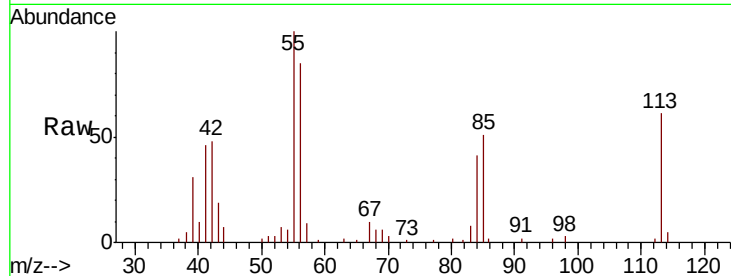
#35
 Caprolactam
 Concen: 36.999 ng/ml
 RT: 11.74 min Scan# 1473
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Instrument :
 BNA_G
 ClientSampleId :
 PB124754BS

Tot Ion: 113 Resp: 28302
 Ion Ratio Lower Upper
 113 100
 55 164.1 134.1 174.1
 56 139.4 100.4 140.4

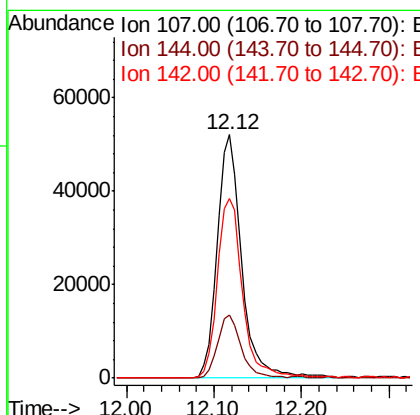
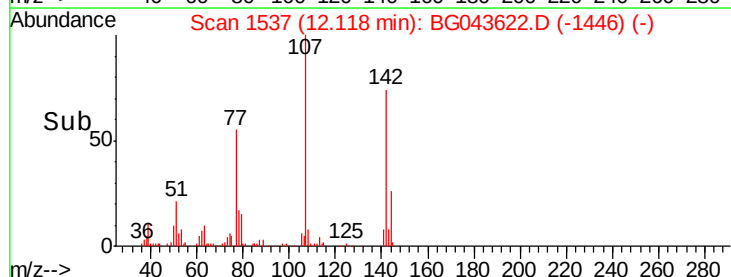
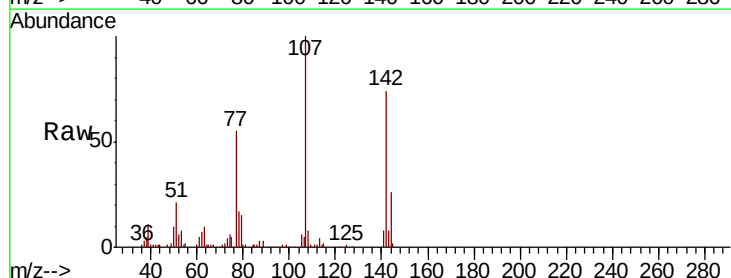
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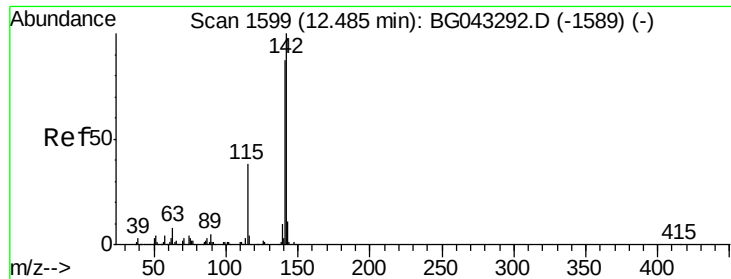
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#36
 4-Chloro-3-methylphenol
 Concen: 41.749 ng/ml
 RT: 12.12 min Scan# 1537
 Delta R.T. 0.00 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Tgt Ion: 107 Resp: 101145
 Ion Ratio Lower Upper
 107 100
 144 25.7 20.9 31.3
 142 73.7 59.6 89.4





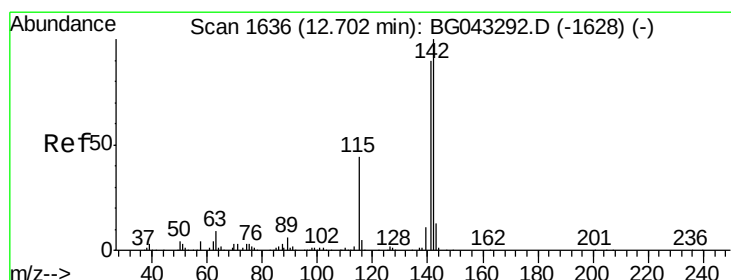
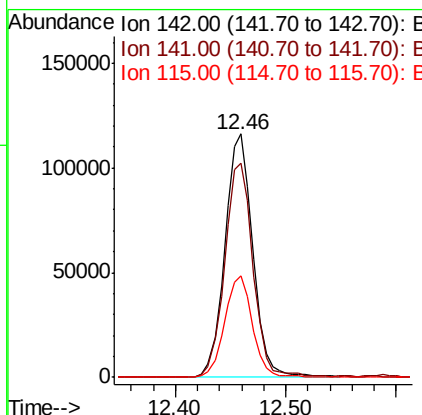
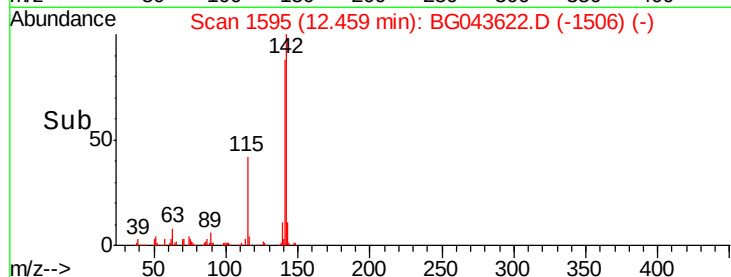
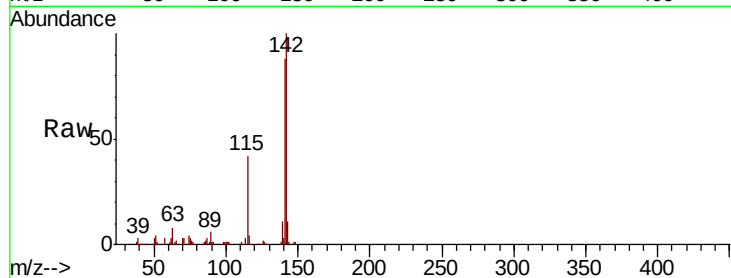
#37
2-Methylnaphthalene
Concen: 38.940 ng
RT: 12.46 min Scan# 1595
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ratio	Lower	Upper
142	100		
141	87.7	72.2	108.2
115	41.6	33.2	49.8

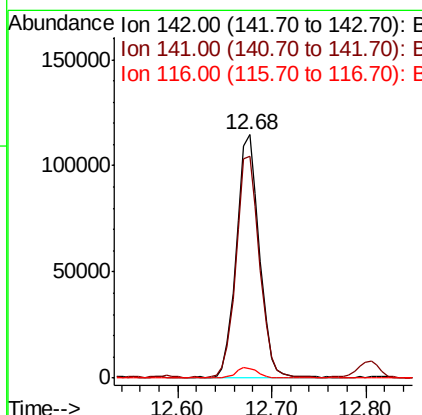
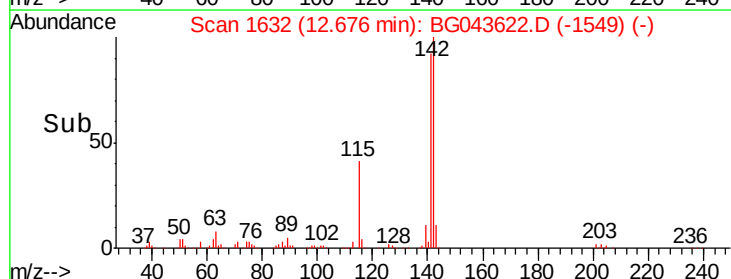
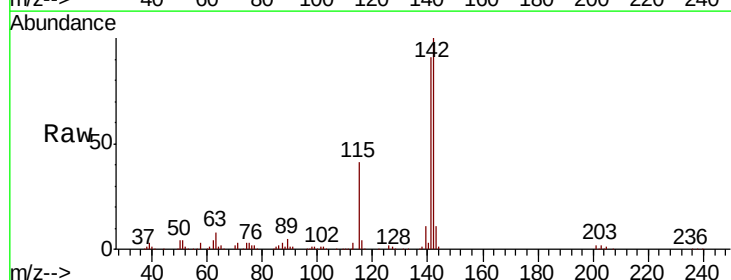
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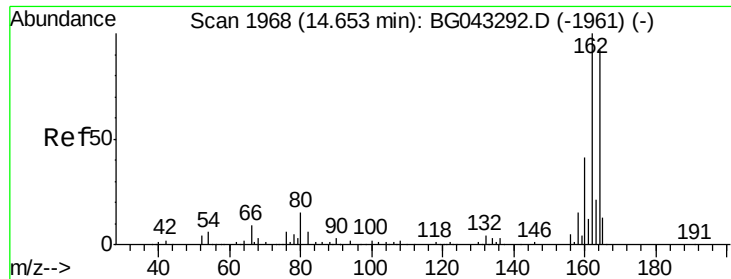
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#38
1-Methylnaphthalene
Concen: 38.314 ng
RT: 12.68 min Scan# 1632
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.2	73.2	109.8
116	4.0	3.6	5.4





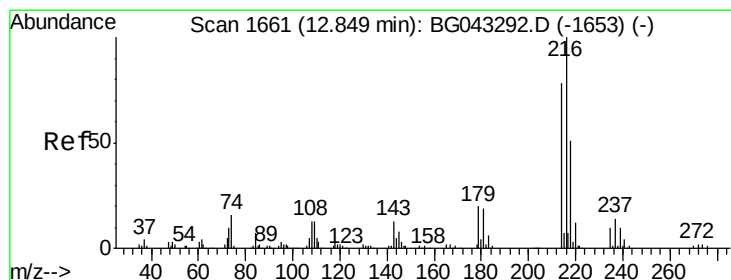
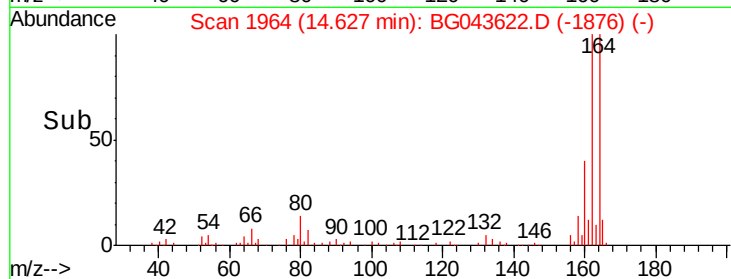
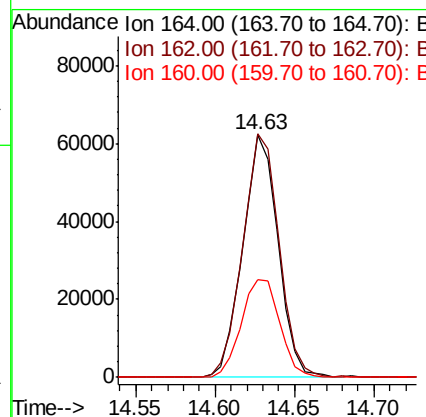
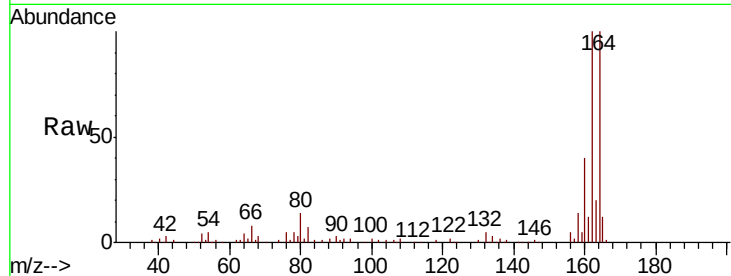
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.63 min Scan# 1964
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ratio	Lower	Upper
164	100		
162	100.4	83.5	125.3
160	40.5	36.5	54.7

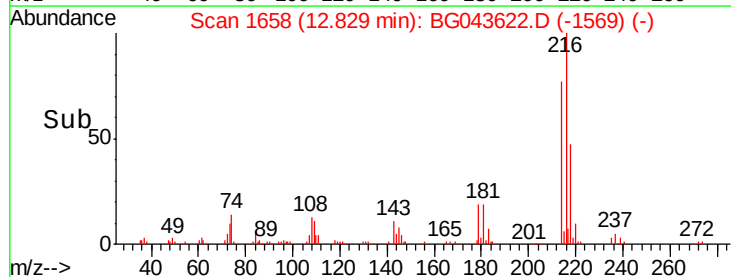
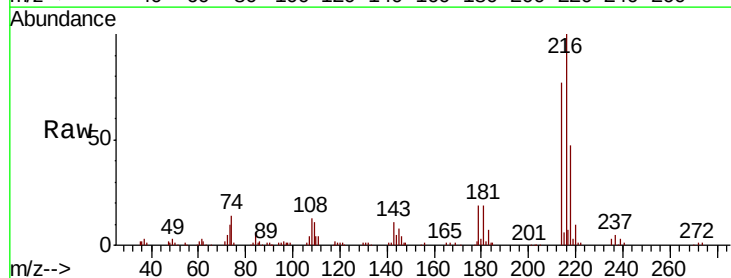
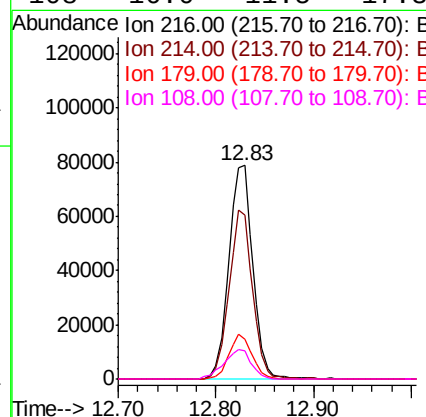
Manual Integrations
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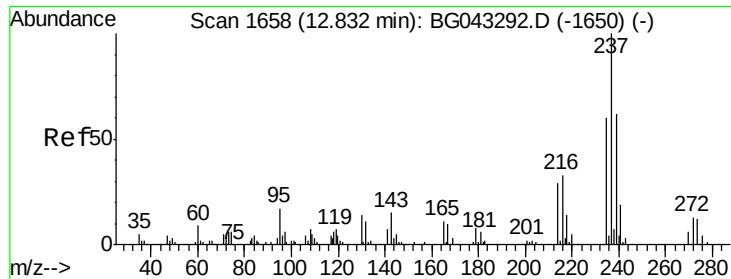
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 37.567 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
216	100		
214	76.8	61.7	92.5
179	19.9	15.8	23.8
108	16.0	11.5	17.3





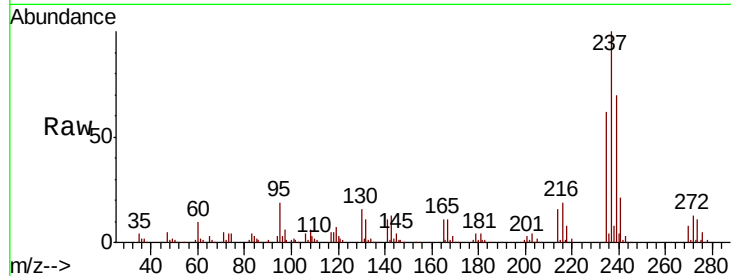
#41
Hexachlorocyclopentadiene
Concen: 66.332 ng
RT: 12.81 min Scan# 1654
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

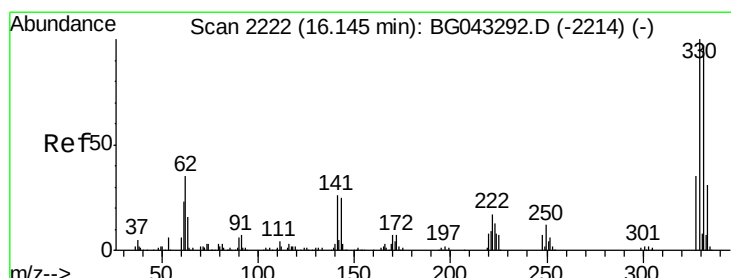
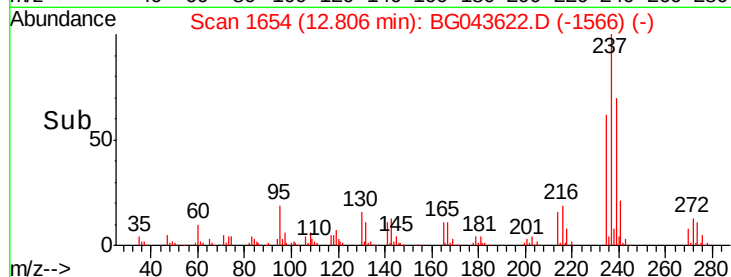
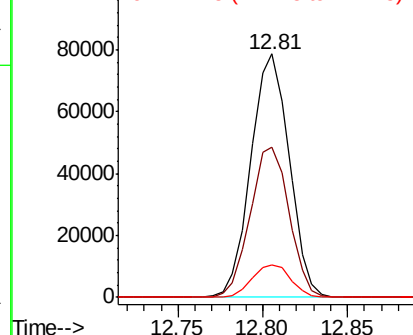
Tot Ion	Ratio	Resp Lower	Resp Upper
237	100		
235	61.6	41.6	81.6
272	13.4	0.0	32.5

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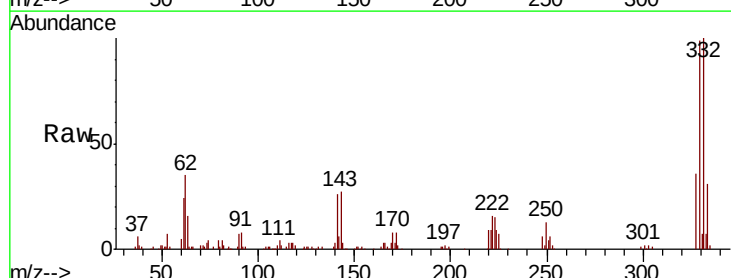


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

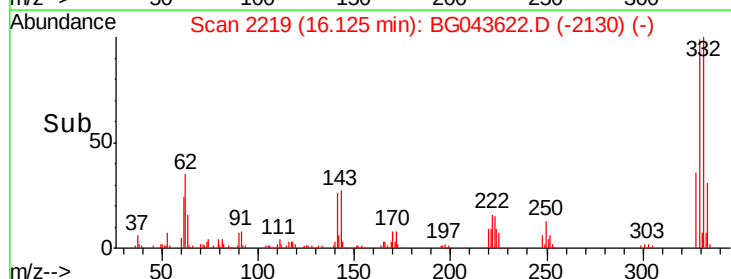
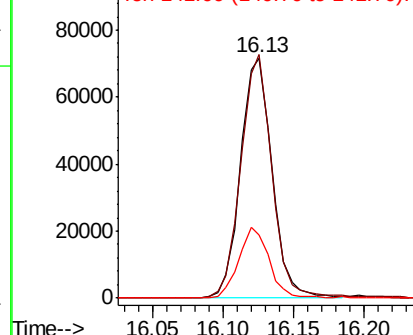


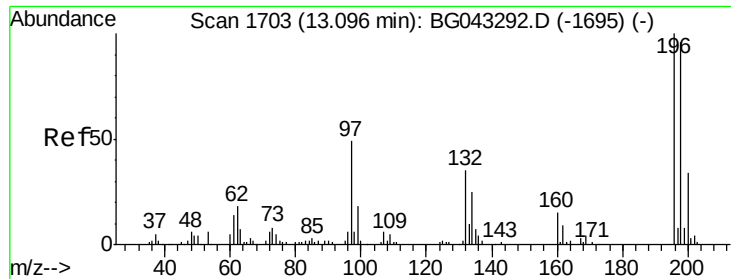
#42
2,4,6-Tribromophenol
Concen: 61.392 ng
RT: 16.13 min Scan# 2219
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Resp Lower	Resp Upper
330	100		
332	100.2	77.4	116.0
141	28.1	22.8	34.2



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





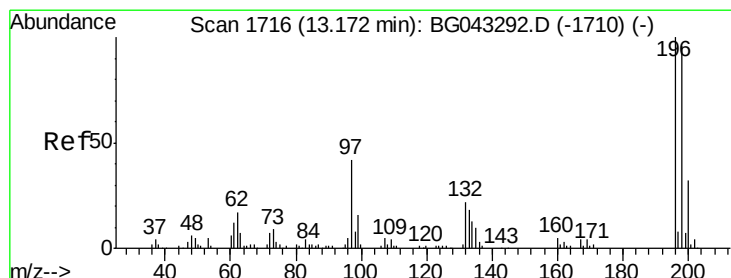
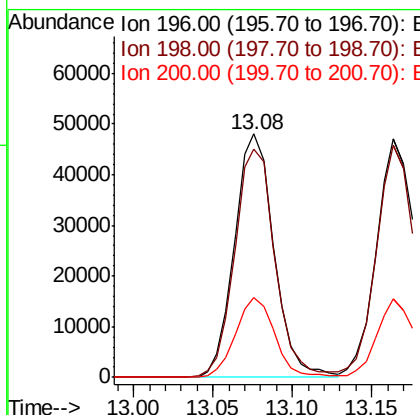
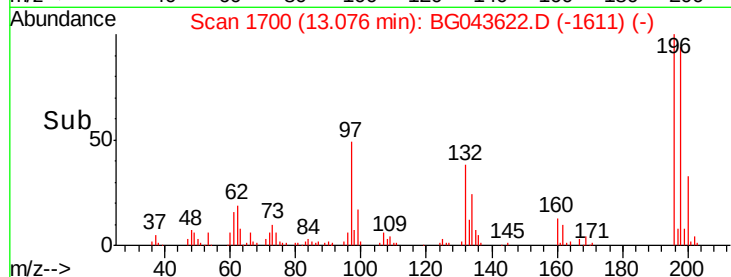
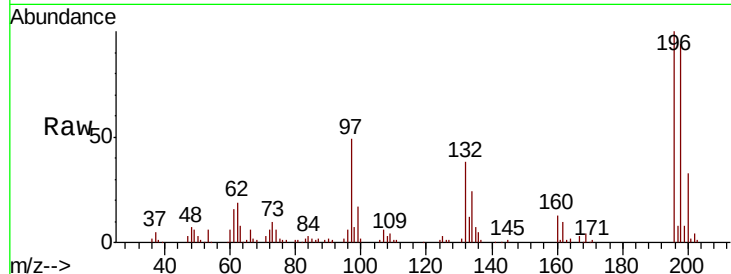
#43
 2,4,6-Trichlorophenol
 Concen: 39.615 ng
 RT: 13.08 min Scan# 1700
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Instrument :
 BNA_G
 ClientSampleId :
 PB124754BS

Tot Ion	Ratio	Resp	Lower	Upper
196	100	83118		
198	94.0	75.8	113.6	
200	32.6	23.9	35.9	

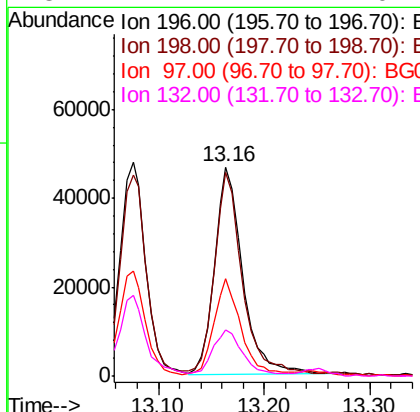
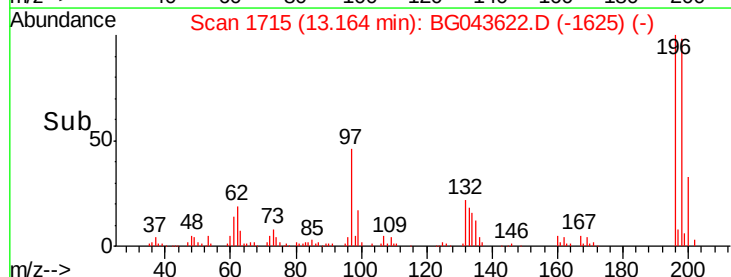
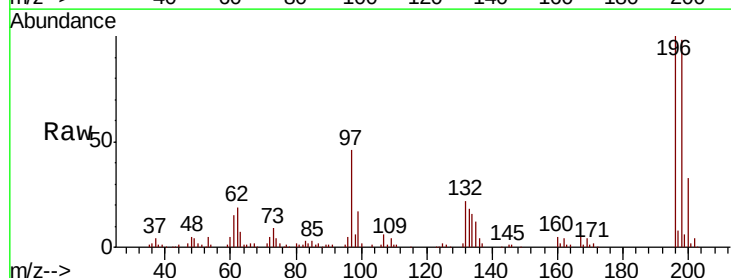
Manual Integrations
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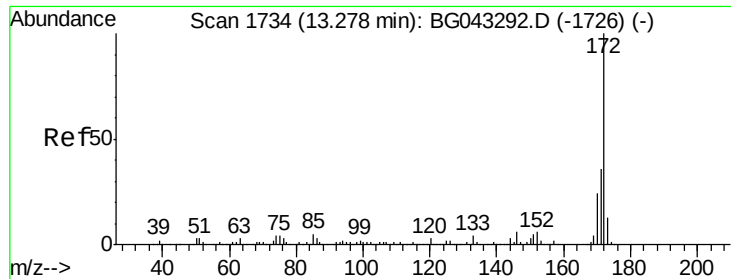
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#44
 2,4,5-Trichlorophenol
 Concen: 41.109 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	87199		
198	97.7	74.5	111.7	
97	46.5	36.3	54.5	
132	22.1	17.4	26.2	





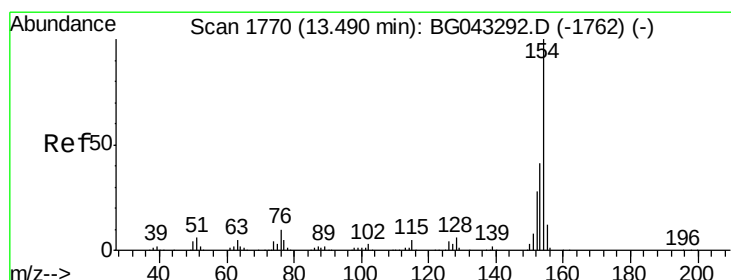
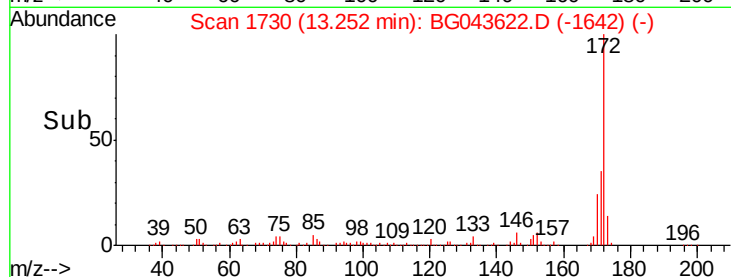
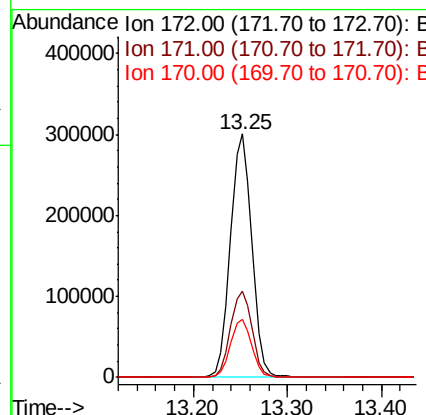
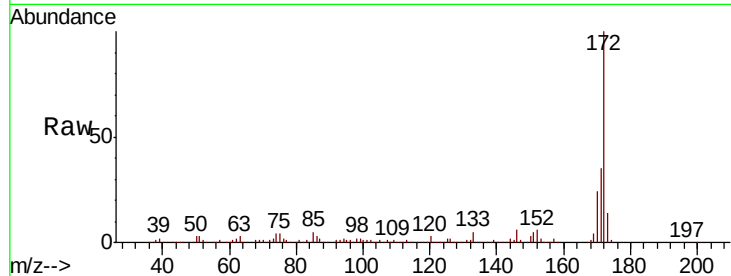
#45
2-Fluorobiphenyl
Concen: 68.287 ng
RT: 13.25 min Scan# 1730
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ratio	Lower	Upper
172	100		
171	35.3	28.9	43.3
170	23.9	18.5	27.7

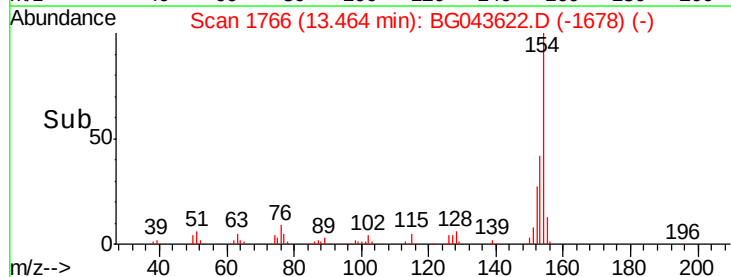
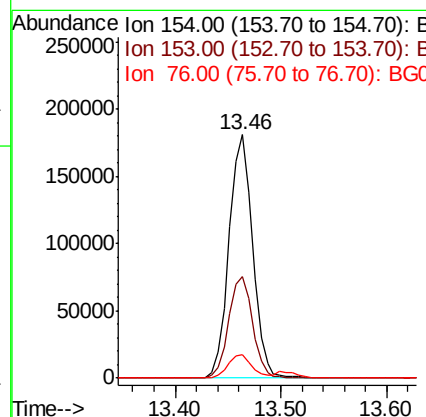
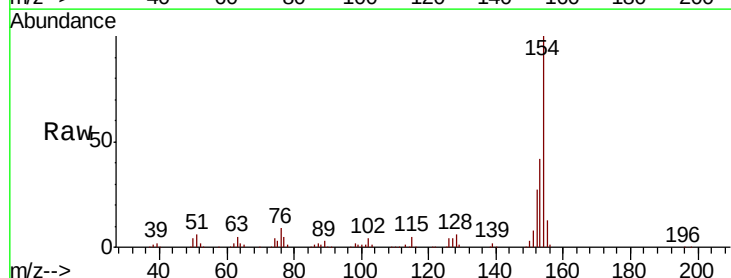
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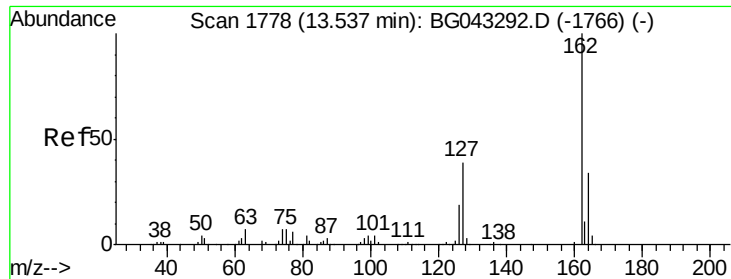
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#46
1,1'-Biphenyl
Concen: 38.225 ng
RT: 13.46 min Scan# 1766
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	41.5	19.9	59.9
76	9.5	0.0	29.4





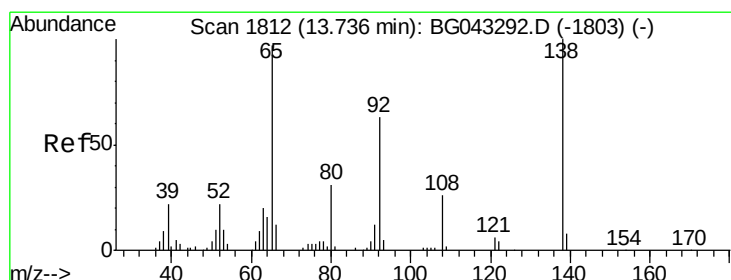
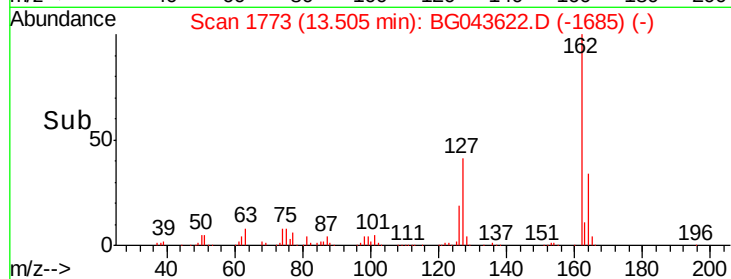
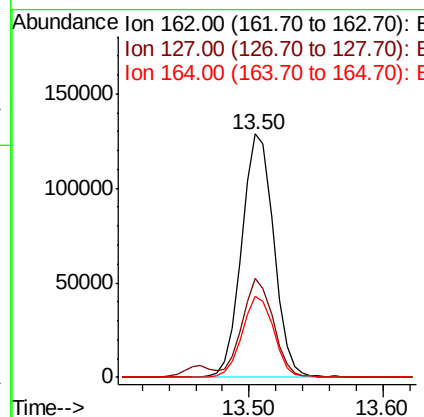
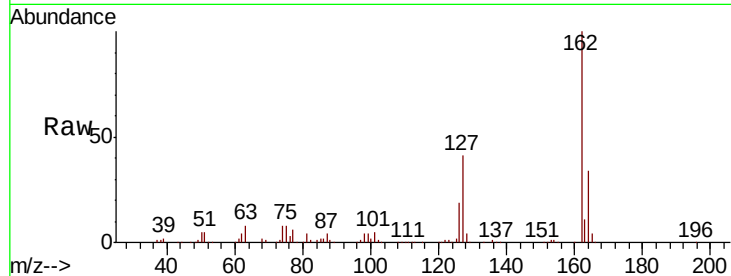
#47
2-Chloronaphthalene
Concen: 38.479 ng
RT: 13.50 min Scan# 1773
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.6	31.2	46.8
164	33.5	25.8	38.8

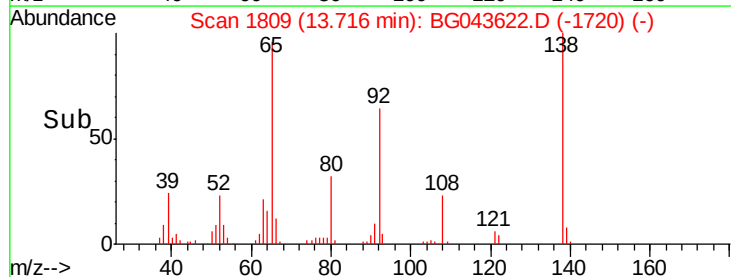
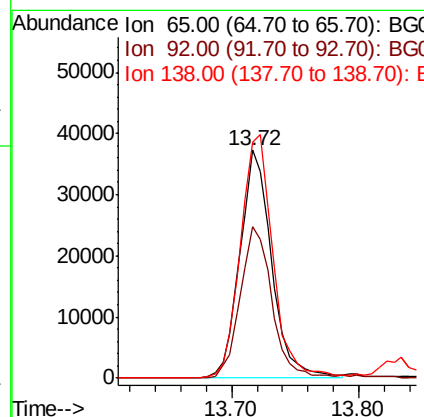
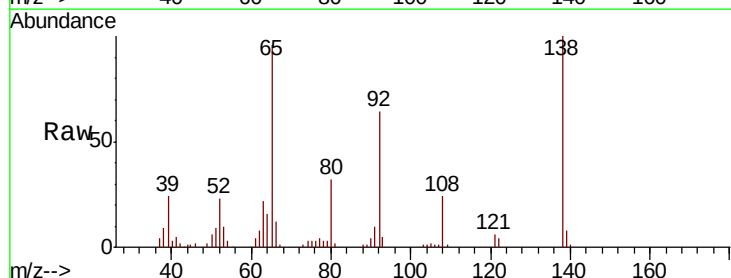
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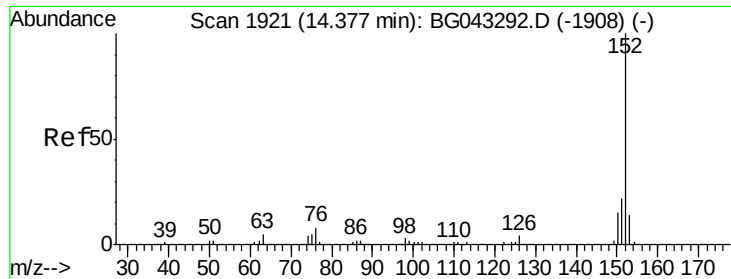
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#48
2-Nitroaniline
Concen: 38.950 ng
RT: 13.72 min Scan# 1809
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
65	100		
92	66.3	56.2	84.2
138	103.7	82.6	123.8





#49

Acenaphthylene

Concen: 40.618 ng

RT: 14.35 min Scan# 1917

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

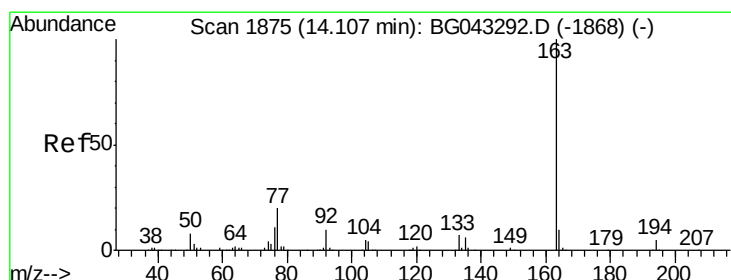
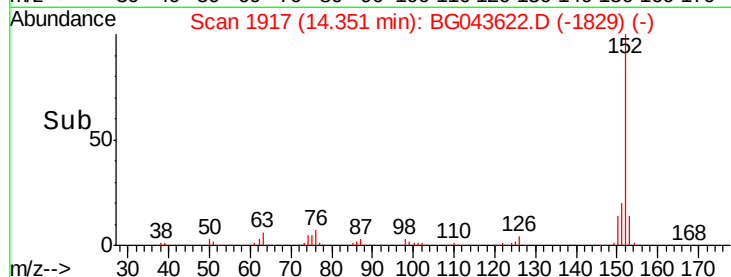
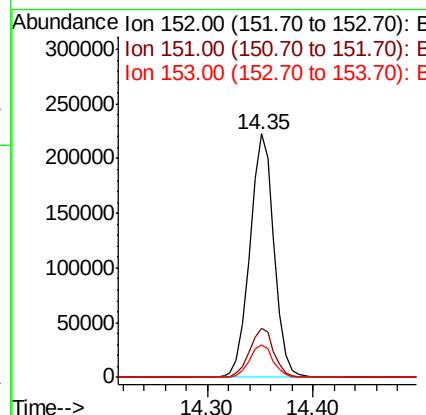
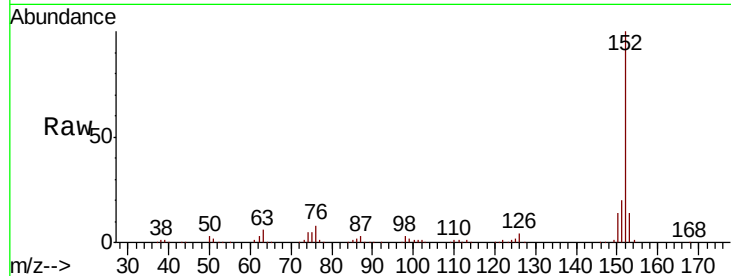
ClientSampleId :

PB124754BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		352253		
151	20.4	16.2	24.4		
153	13.5	10.6	15.8		

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#50

Dimethylphthalate

Concen: 37.211 ng

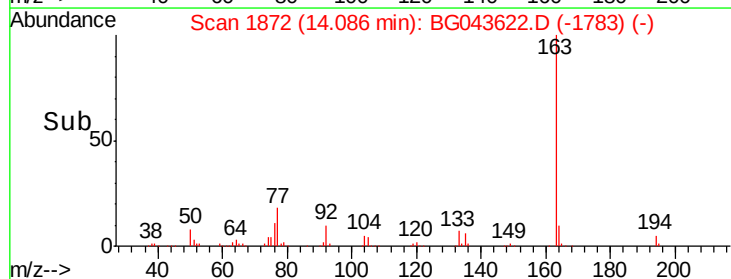
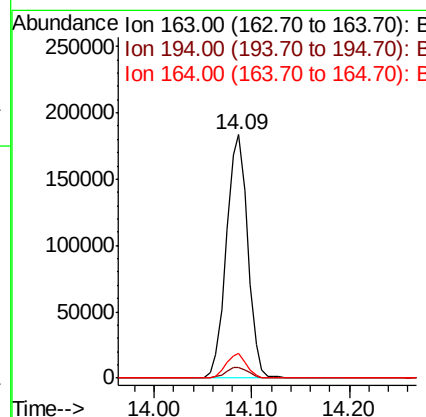
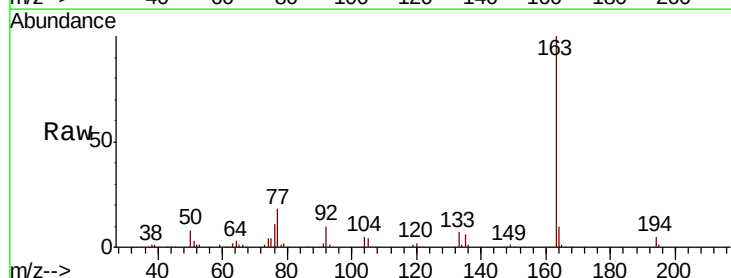
RT: 14.09 min Scan# 1872

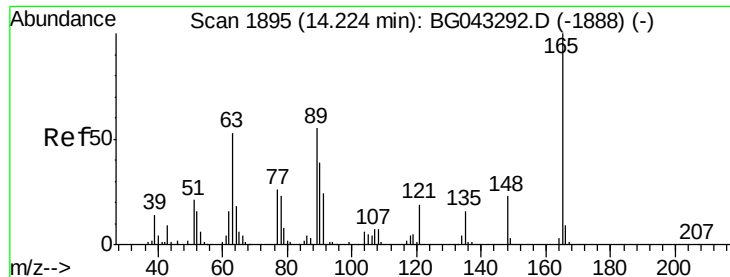
Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		277466		
194	4.6	3.8	5.6		
164	10.2	8.9	13.3		





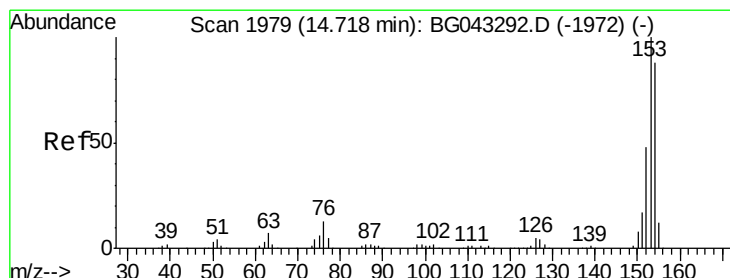
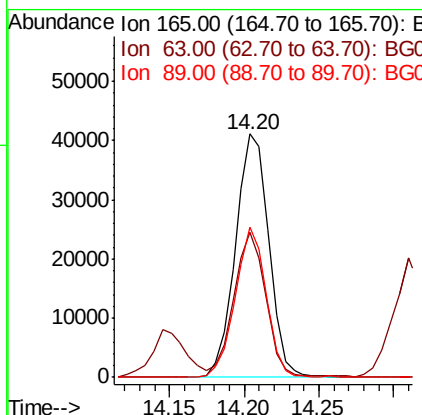
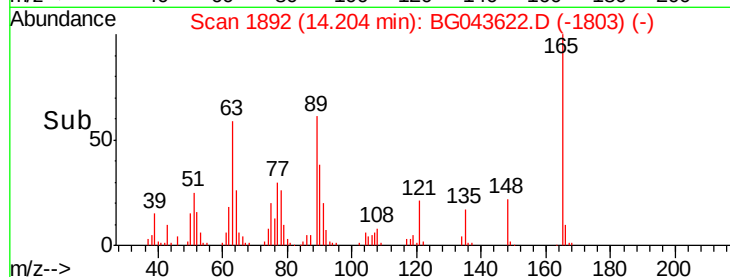
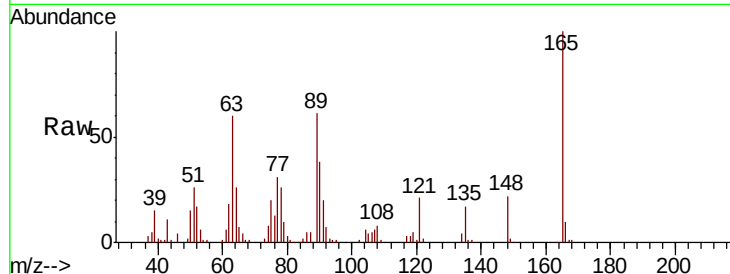
#51
2,6-Dinitrotoluene
Concen: 39.411 ng
RT: 14.20 min Scan# 1892
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ratio	Lower	Upper
165	100		
63	59.6	46.6	69.8
89	61.5	45.1	67.7

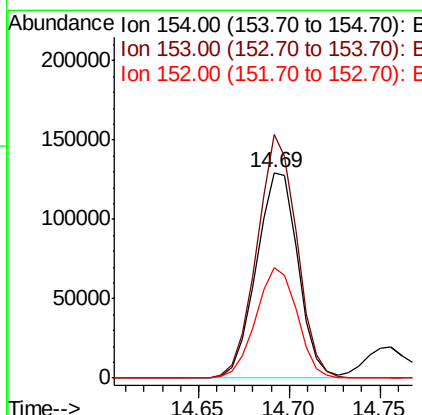
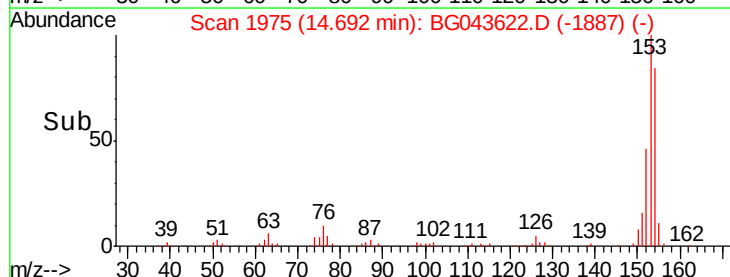
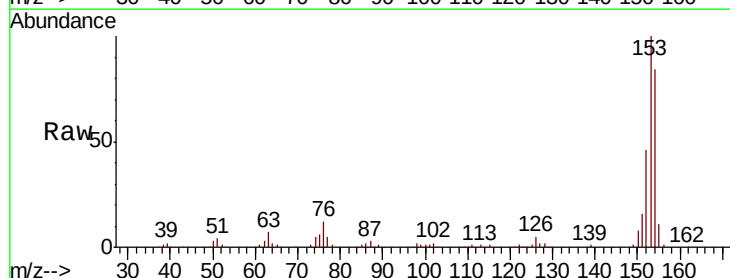
Manual Integrations
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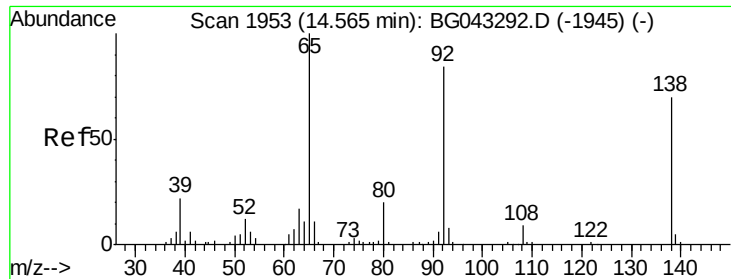
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#52
Acenaphthene
Concen: 39.054 ng
RT: 14.69 min Scan# 1975
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
154	100		
153	118.4	88.2	132.2
152	53.9	40.0	60.0





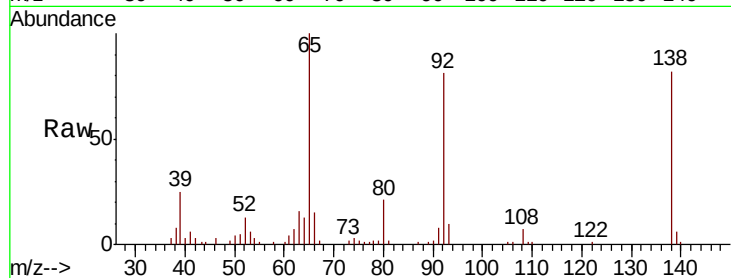
#53
3-Nitroaniline
Concen: 29.363 ng
RT: 14.55 min Scan# 1951
Delta R.T. -0.00 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.2	8.0	12.0
92	99.2	90.9	136.3

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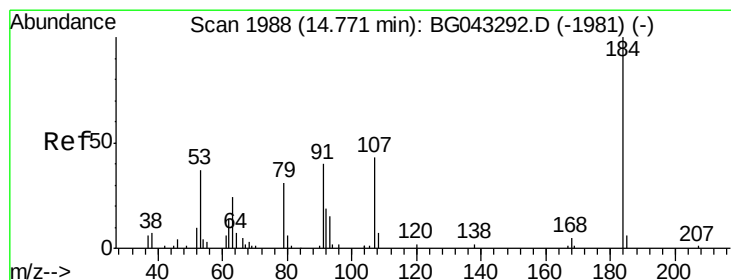
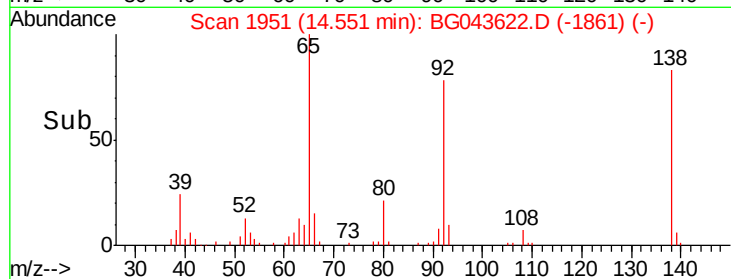
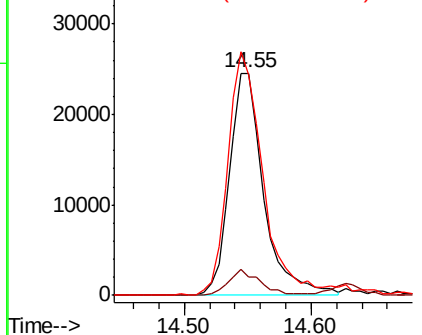


Abundance

Ion 138.00 (137.70 to 138.70): E

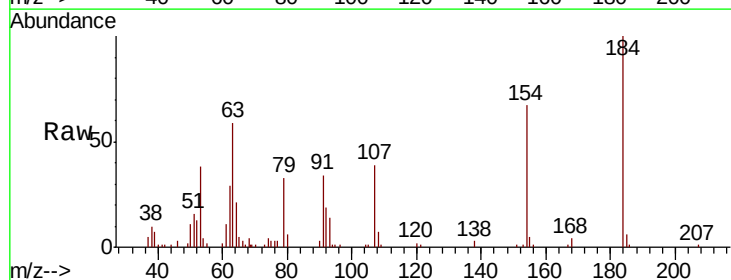
Ion 108.00 (107.70 to 108.70): E

Ion 92.00 (91.70 to 92.70): BGC



#54
2,4-Dinitrophenol
Concen: 61.062 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.4	51.3	76.9
154	67.4	55.4	83.0

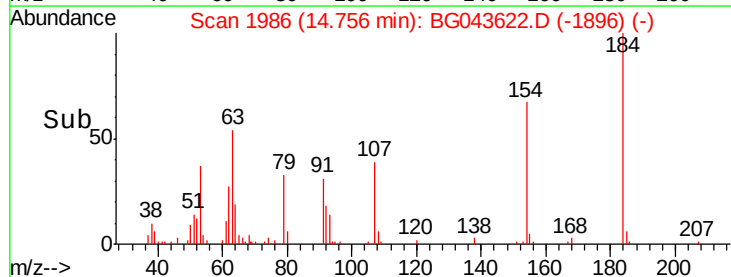
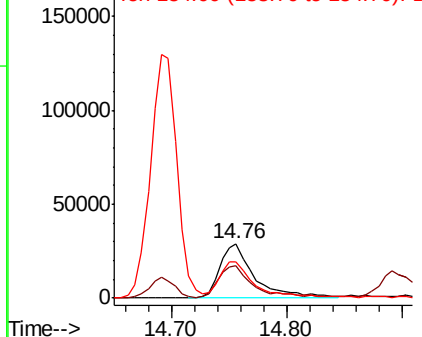


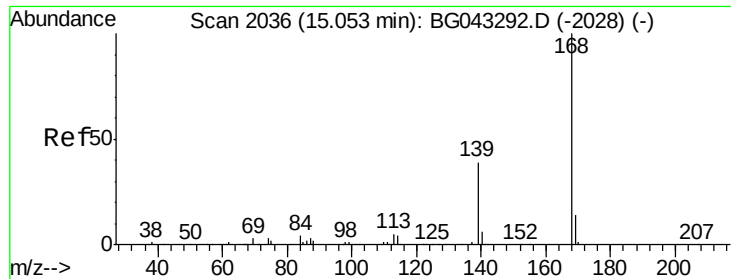
Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 63.00 (62.70 to 63.70): BGC

Ion 154.00 (153.70 to 154.70): E





#55

Dibenzenofuran

Concen: 39.789 ng

RT: 15.03 min Scan# 2032

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

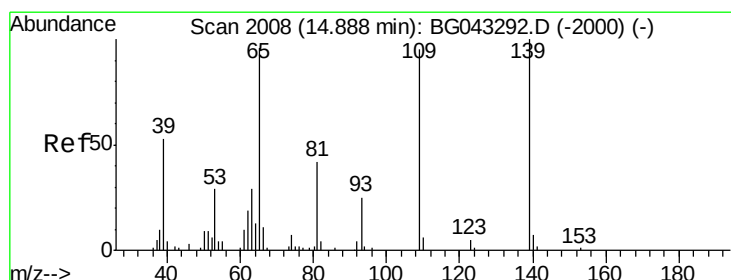
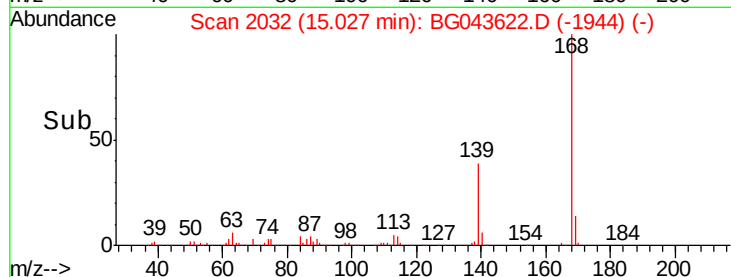
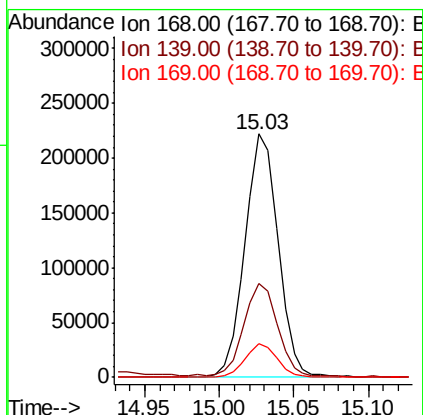
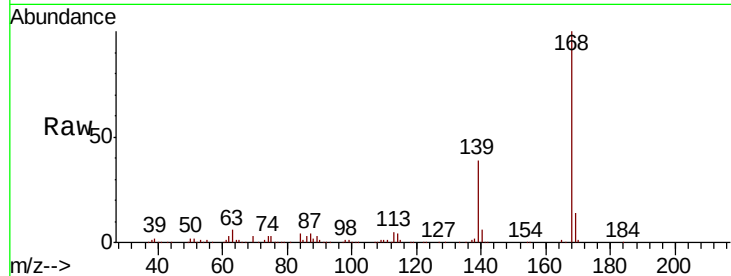
ClientSampleId :

PB124754BS

Tot Ion:	168	Resp:	341254
Ion Ratio	Lower	Upper	
168	100		
139	38.7	31.0	46.6
169	14.0	11.7	17.5

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#56

4-Nitrophenol

Concen: 81.899 ng

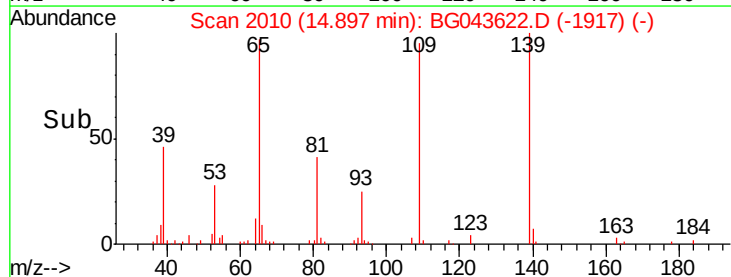
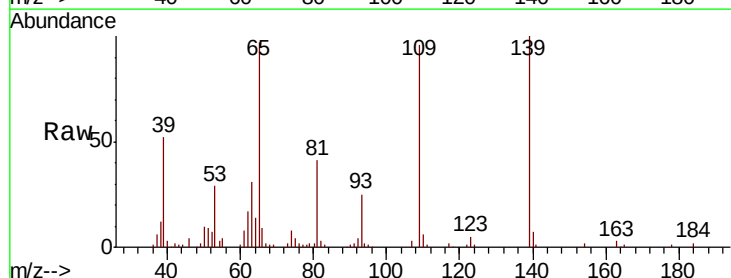
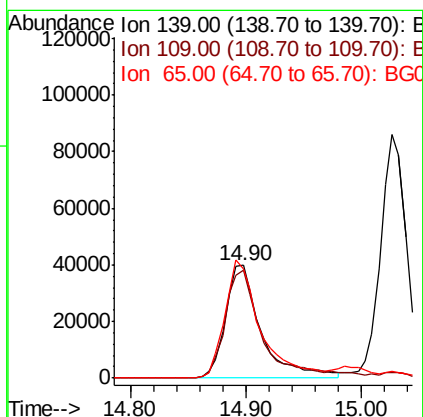
RT: 14.90 min Scan# 2010

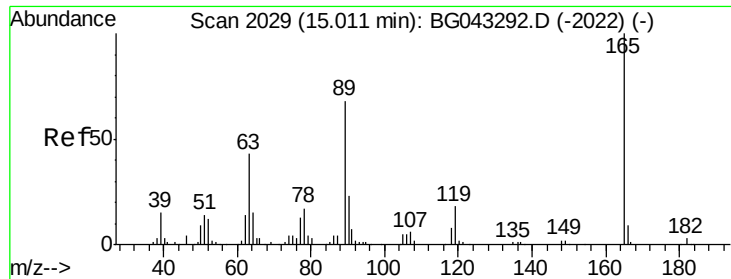
Delta R.T. 0.02 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Tgt Ion:	139	Resp:	85838
Ion Ratio	Lower	Upper	
139	100		
109	96.3	87.2	127.2
65	97.3	83.8	123.8





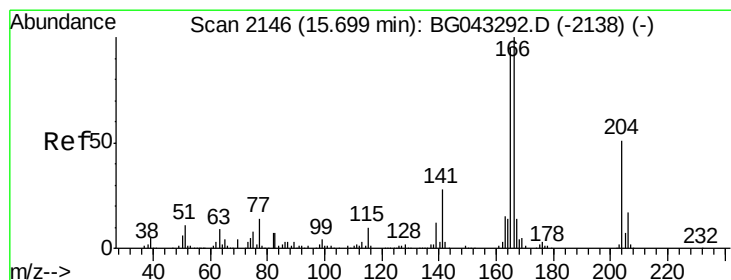
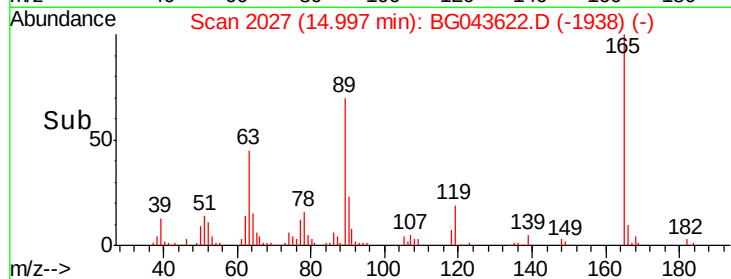
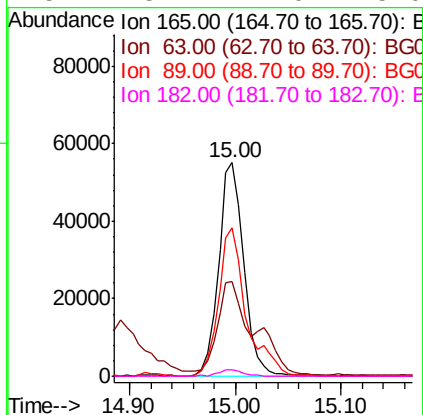
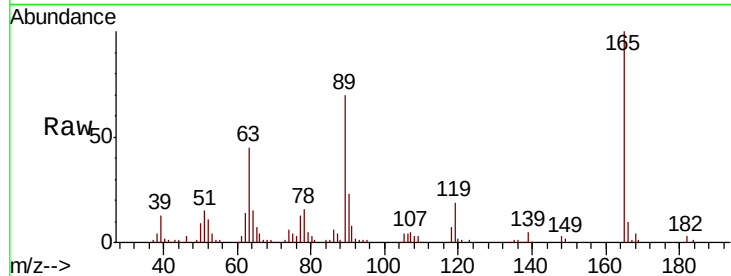
#57
2,4-Dinitrotoluene
Concen: 39.414 ng
RT: 15.00 min Scan# 2027
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		91246		
63	44.6	33.2	49.8		
89	69.6	52.2	78.4		
182	3.2	2.0	3.0#		

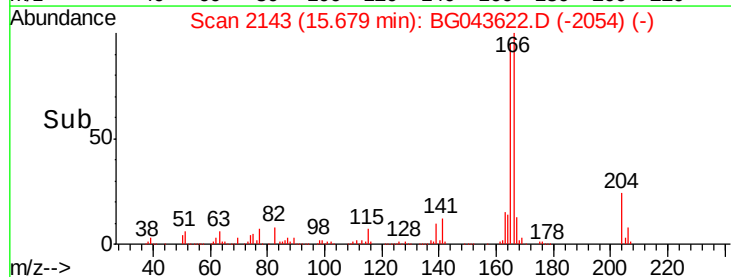
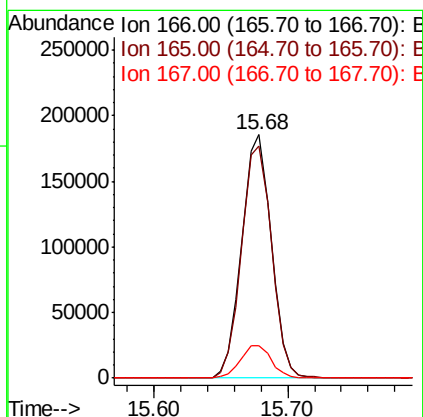
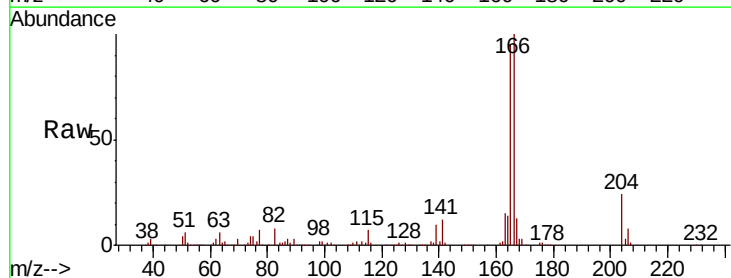
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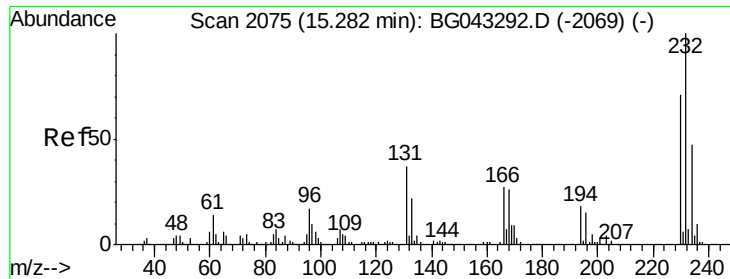
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#58
Fluorene
Concen: 39.598 ng
RT: 15.68 min Scan# 2143
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		284838		
165	95.1	79.0	118.6		
167	13.1	10.5	15.7		





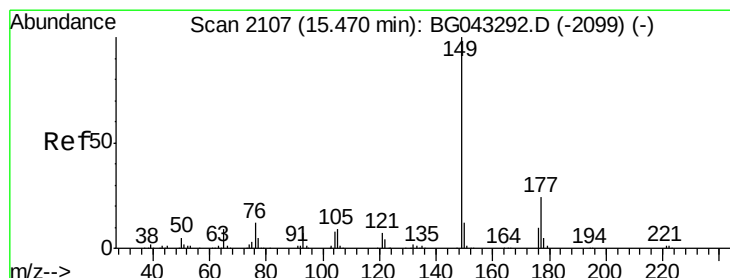
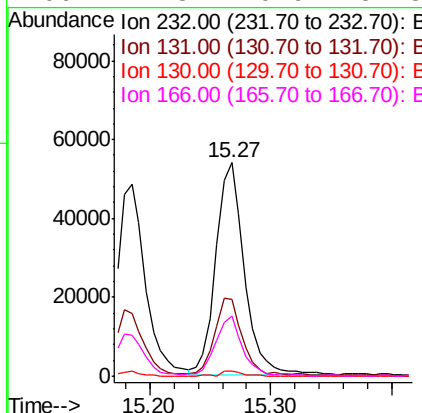
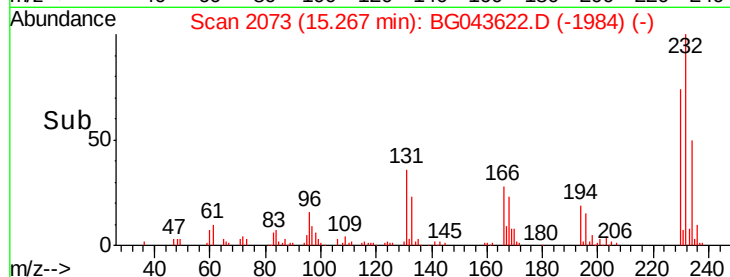
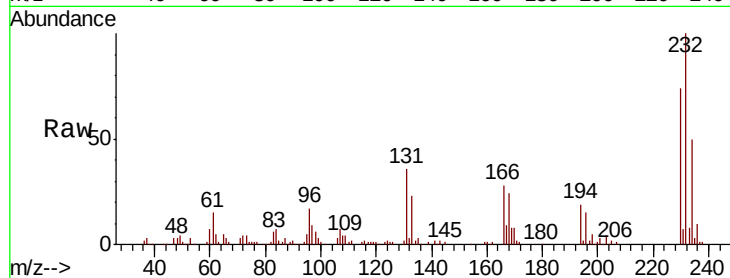
#59
2,3,4,6-Tetrachlorophenol
Concen: 38.992 ng
RT: 15.27 min Scan# 2073
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	87875		
131	36.1		26.9	40.3
130	2.0		1.8	2.6
166	27.8		20.9	31.3

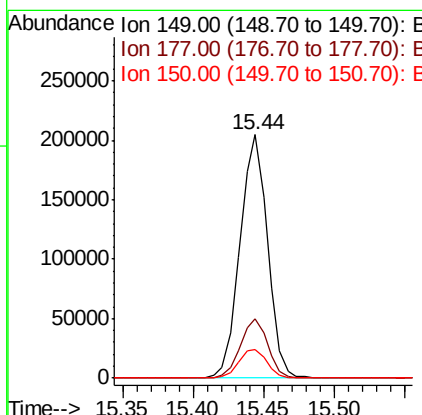
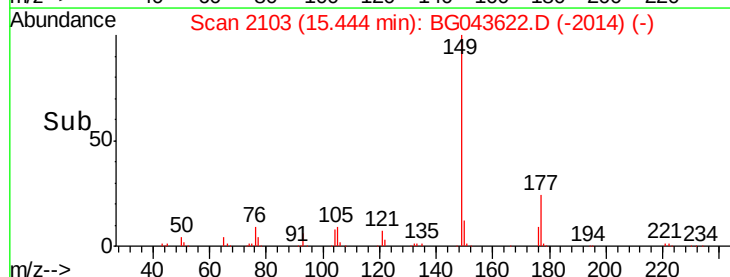
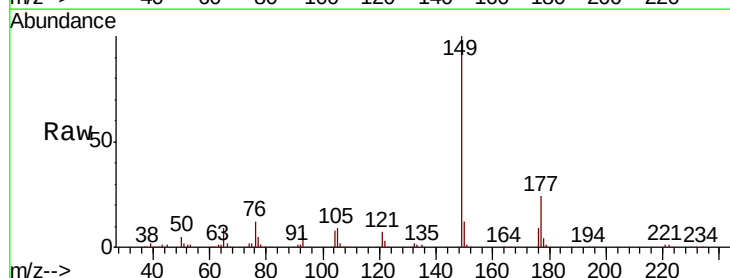
Manual Integrations
APPROVED

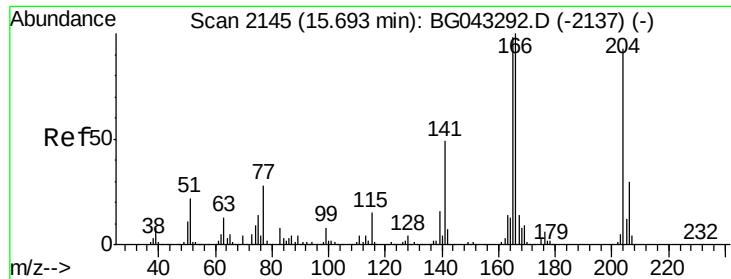
mohammad
11/14/2019 2:08:02 PM



#60
Diethylphthalate
Concen: 37.135 ng
RT: 15.44 min Scan# 2103
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	278226		
177	24.4		19.6	29.4
150	11.6		10.8	16.2





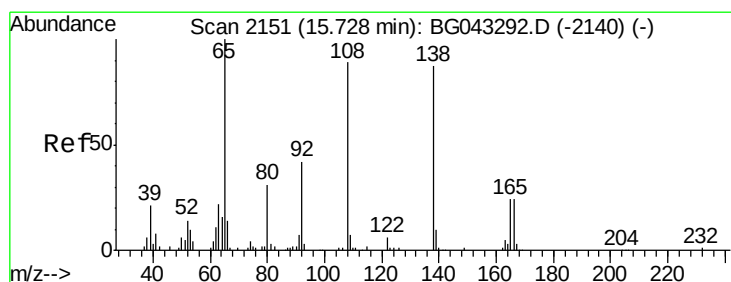
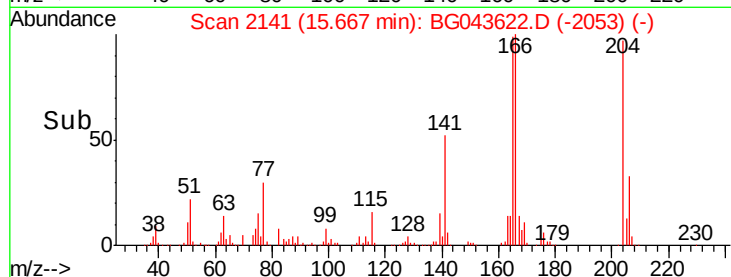
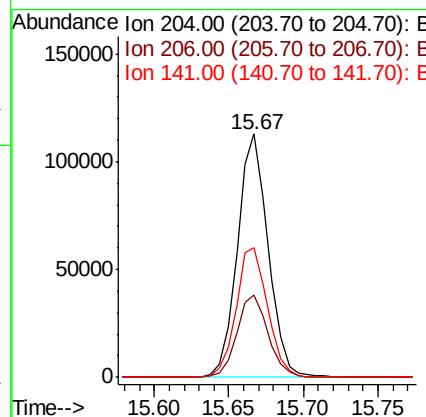
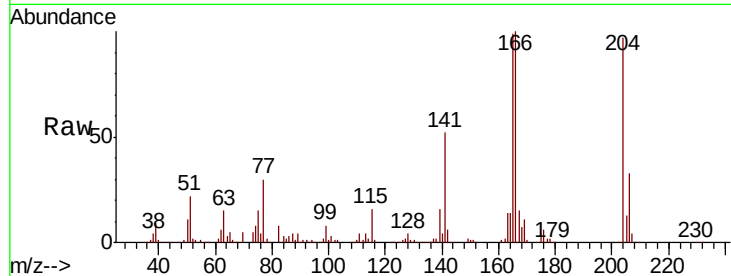
#61
4-Chlorophenyl-phenylether
Concen: 38.558 ng
RT: 15.67 min Scan# 2141
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.0	28.4	42.6
141	53.3	43.0	64.6

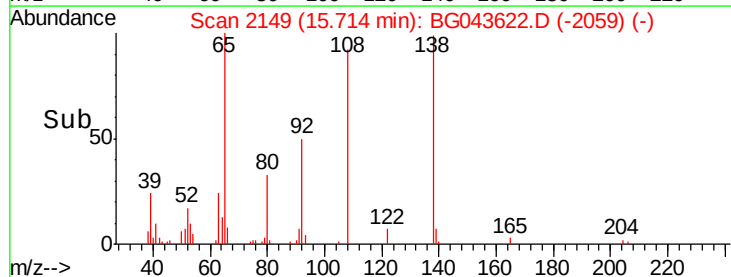
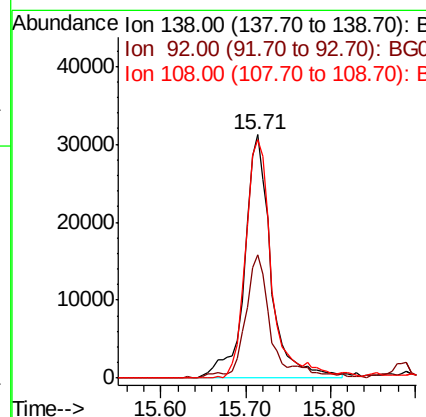
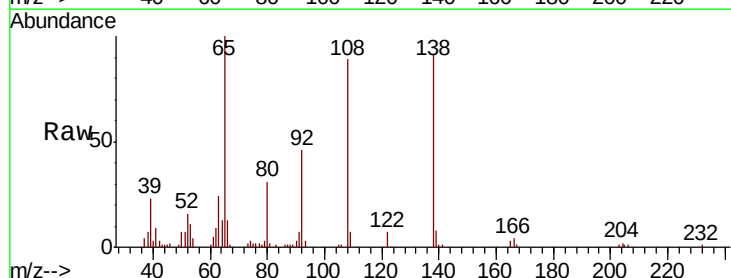
Manual Integrations
APPROVED

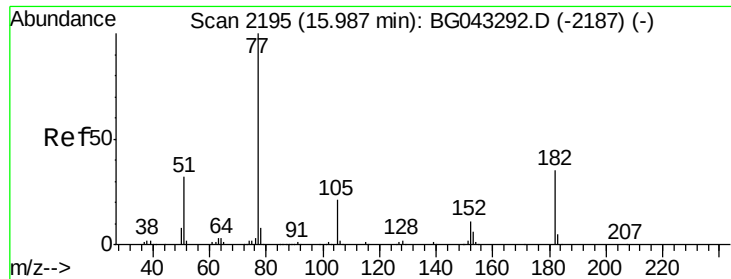
mohammad
11/14/2019 2:08:02 PM



#62
4-Nitroaniline
Concen: 41.587 ng
RT: 15.71 min Scan# 2149
Delta R.T. -0.00 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
138	100		
92	50.4	33.4	73.4
108	98.1	78.0	118.0





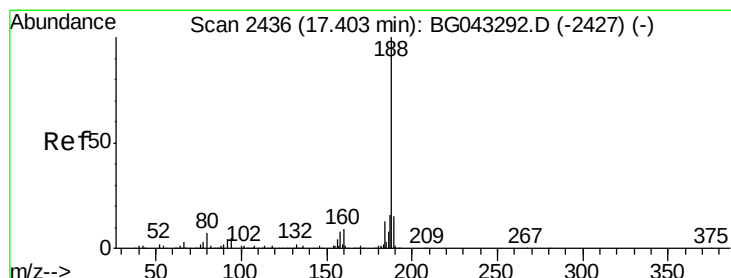
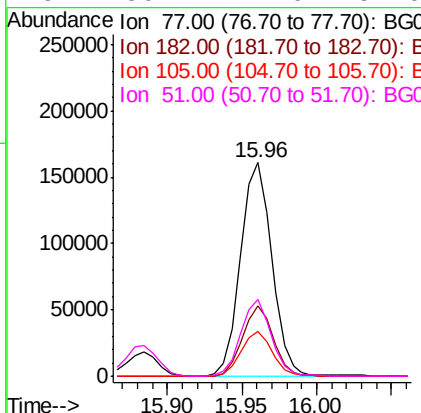
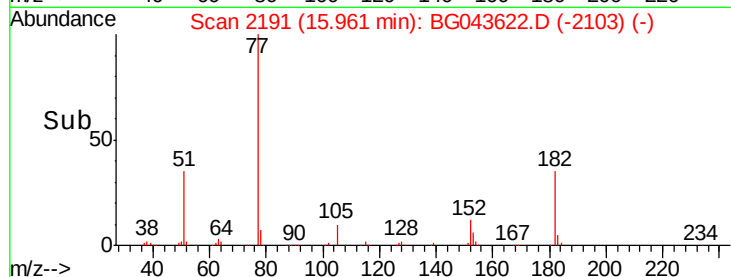
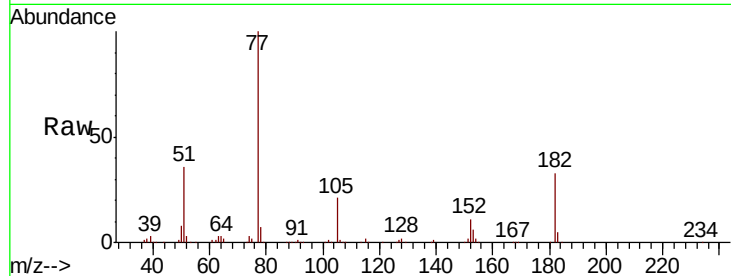
#63
Azobenzene
Concen: 38.392 ng
RT: 15.96 min Scan# 2191
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		232793		
182	32.8	13.7	53.7		
105	21.1	0.4	40.4		
51	36.2	11.0	51.0		

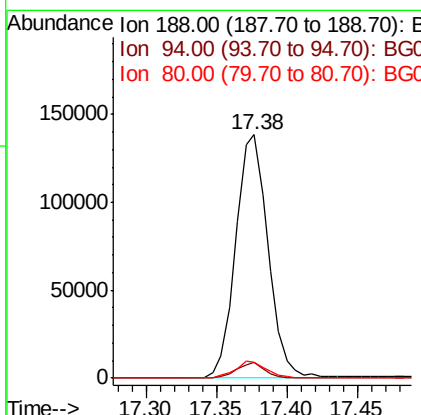
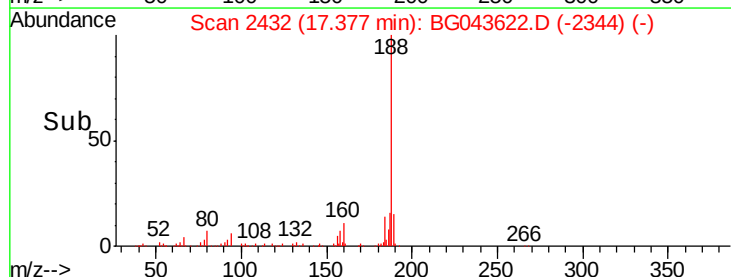
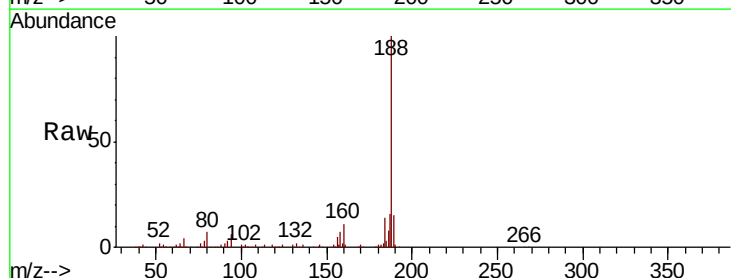
Manual Integrations
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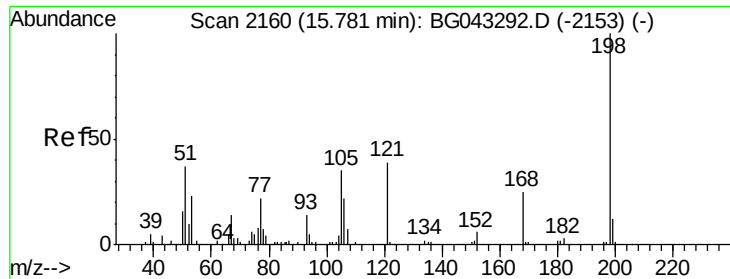
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.38 min Scan# 2432
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		221945		
94	6.3	4.2	6.4		
80	6.7	4.5	6.7		





#65

4,6-Dinitro-2-methylphenol

Concen: 40.010 ng

RT: 15.77 min Scan# 2158

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

ClientSampleId :

PB124754BS

Tot Ion:198 Resp: 52259

Ion Ratio Lower Upper

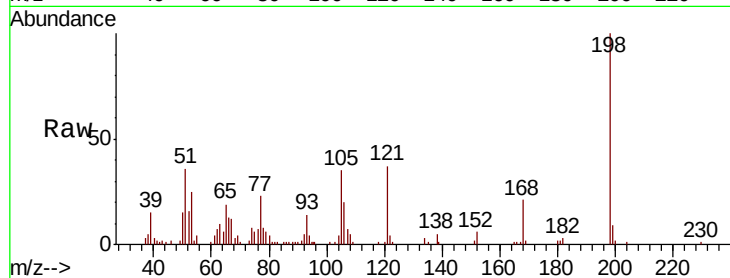
198 100

51 35.7 13.2 53.2

105 35.0 15.8 55.8

Manual Integrations
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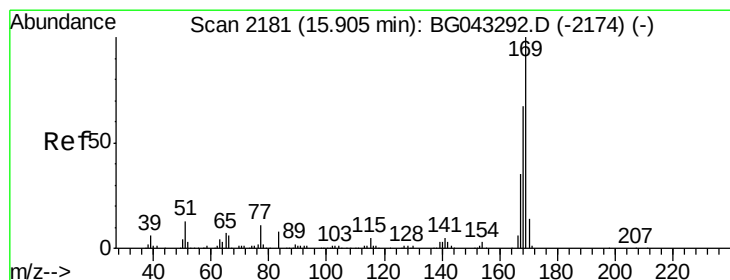
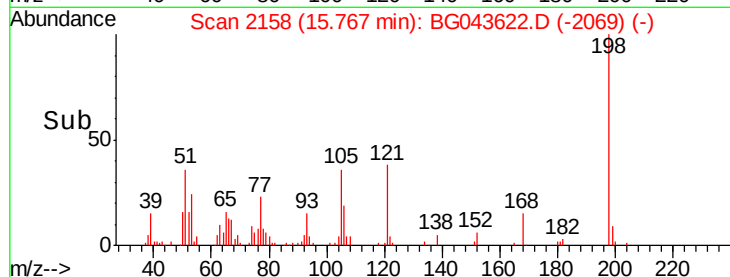
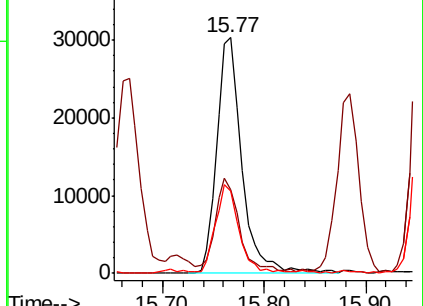
mohammad
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 40.457 ng

RT: 15.88 min Scan# 2178

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

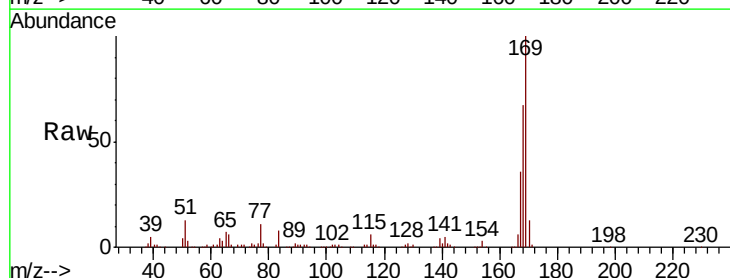
Tgt Ion:169 Resp: 253508

Ion Ratio Lower Upper

169 100

168 67.3 53.8 80.6

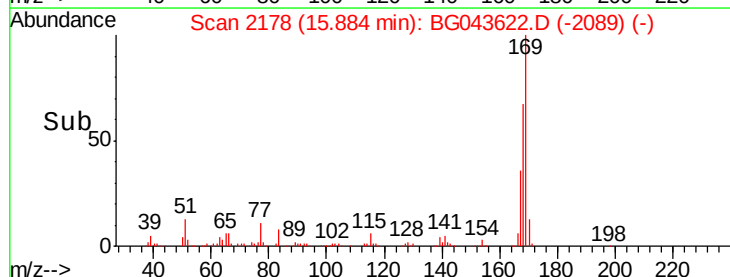
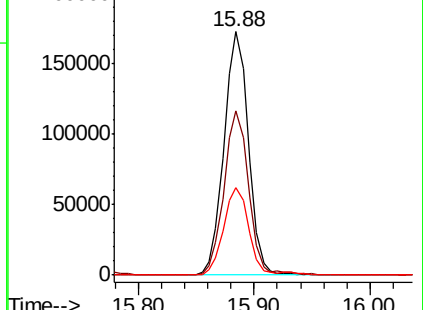
167 35.8 27.5 41.3

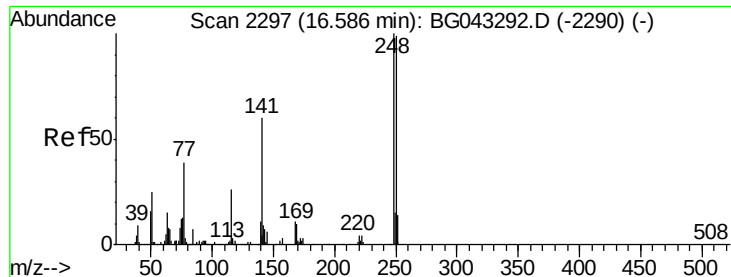


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





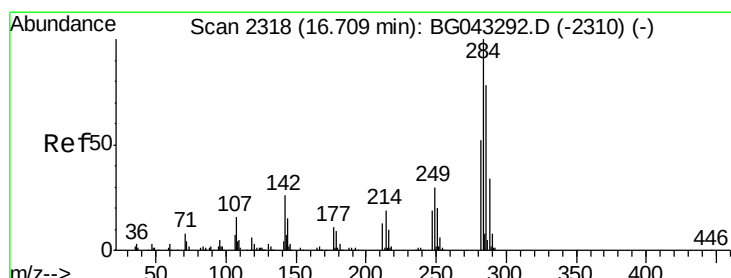
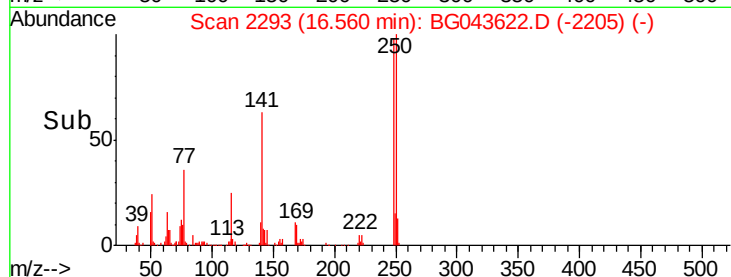
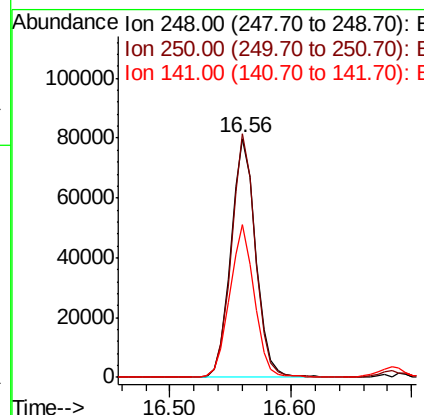
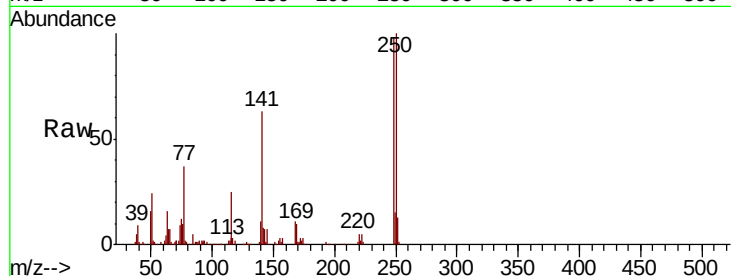
#67
4-Bromophenyl-phenylether
Concen: 38.071 ng
RT: 16.56 min Scan# 2293
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.9	77.0	115.4
141	63.9	47.5	71.3

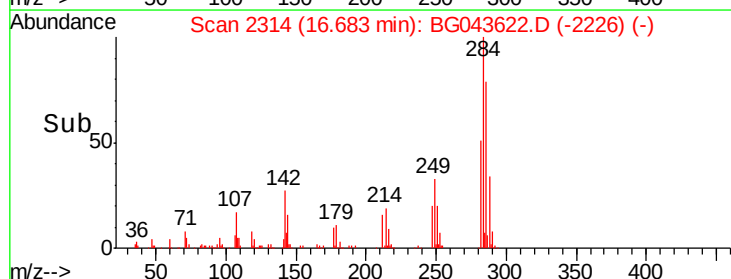
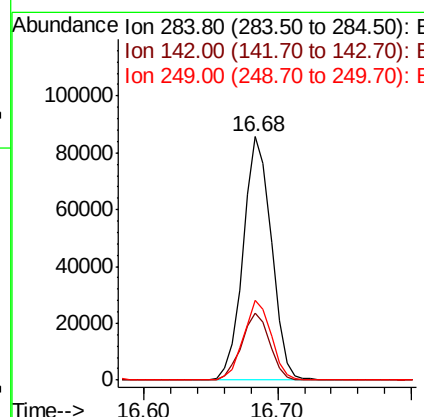
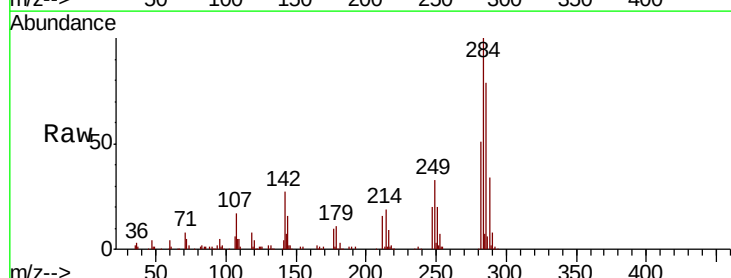
Manual Integrations
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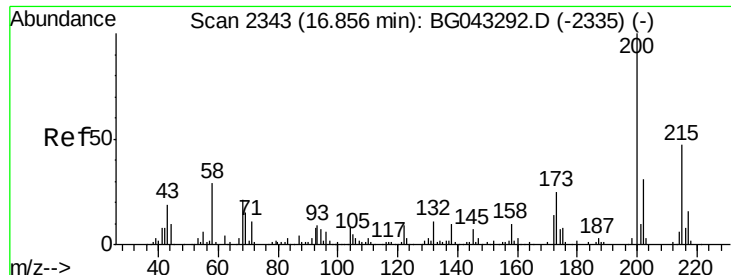
mohammad
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#68
Hexachlorobenzene
Concen: 36.502 ng
RT: 16.68 min Scan# 2314
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
284	100		
142	27.3	19.8	29.8
249	32.9	23.8	35.6





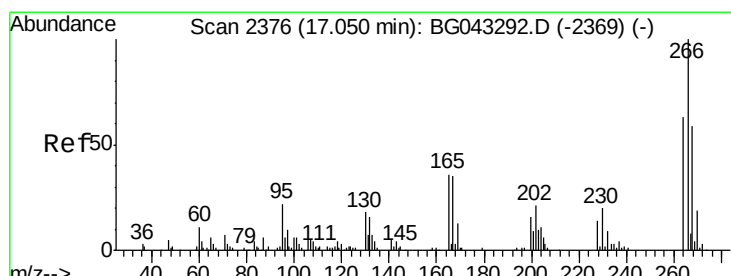
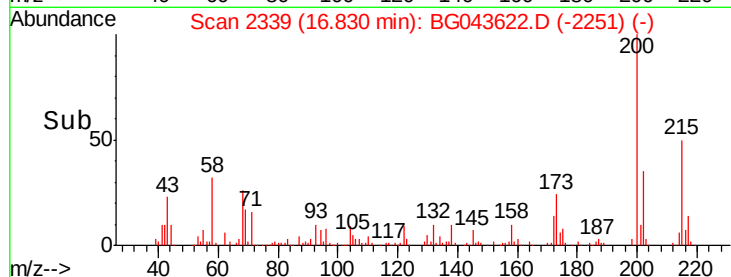
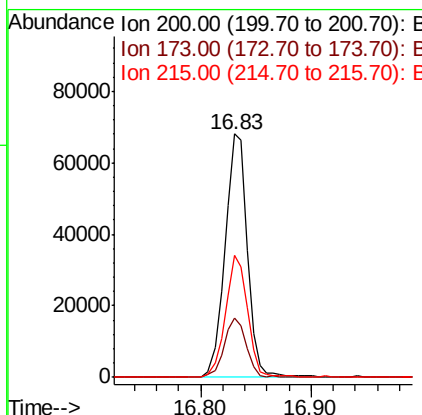
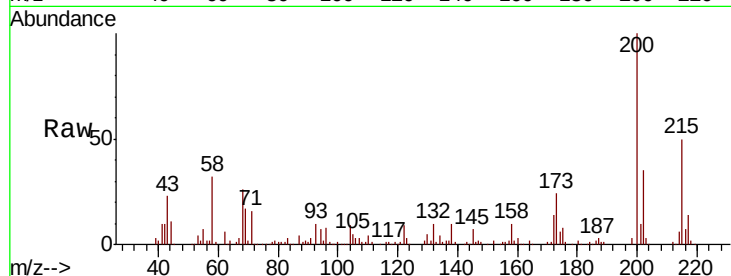
#69
Atrazine
Concen: 44.402 ng
RT: 16.83 min Scan# 2339
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ratio	Lower	Upper
200	100		
173	24.4	4.7	44.7
215	50.1	28.5	68.5

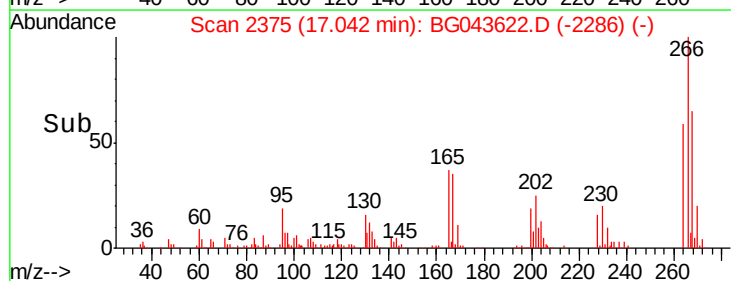
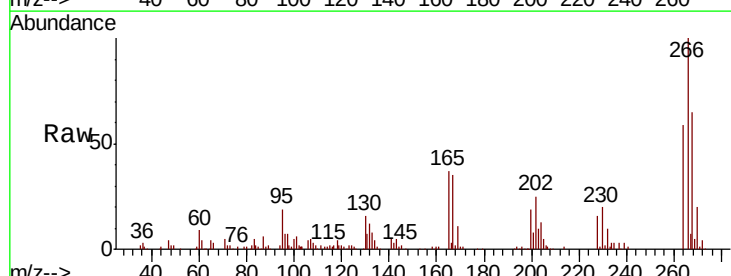
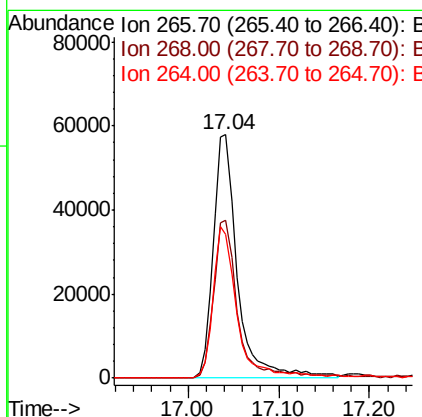
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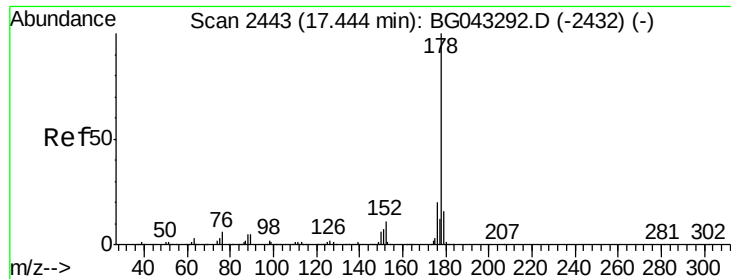
mohammad
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#70
Pentachlorophenol
Concen: 68.838 ng
RT: 17.04 min Scan# 2375
Delta R.T. -0.01 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.1	50.4	75.6
264	59.0	48.9	73.3





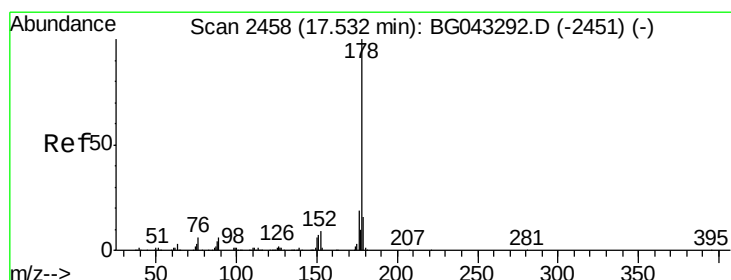
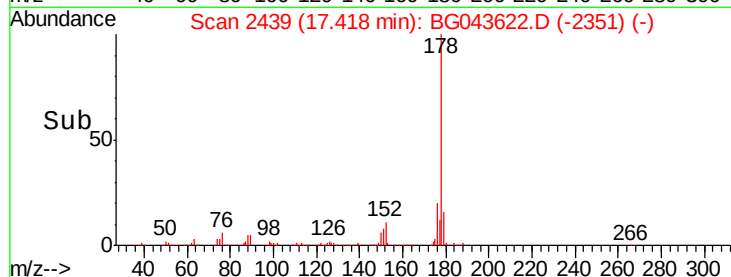
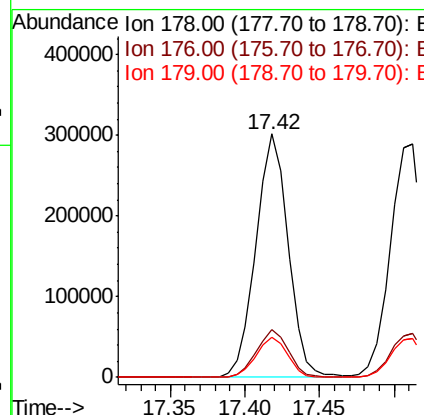
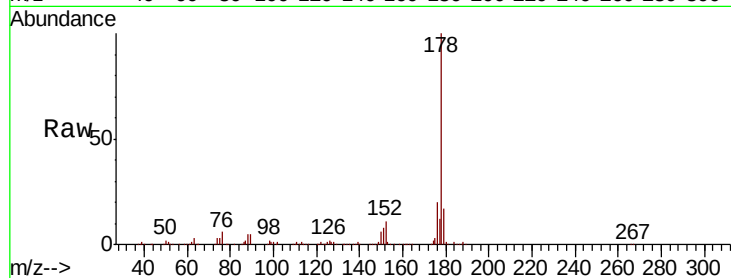
#71
 Phenanthrene
 Concen: 39.604 ng
 RT: 17.42 min Scan# 2439
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Instrument :
 BNA_G
 ClientSampleId :
 PB124754BS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.7	15.4	23.0
179	16.6	13.0	19.6

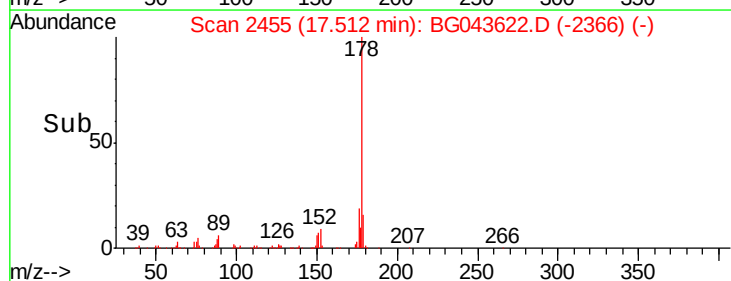
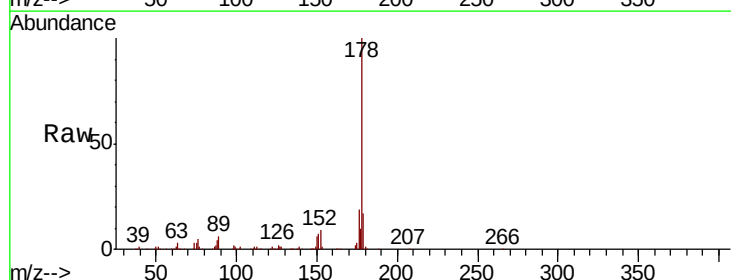
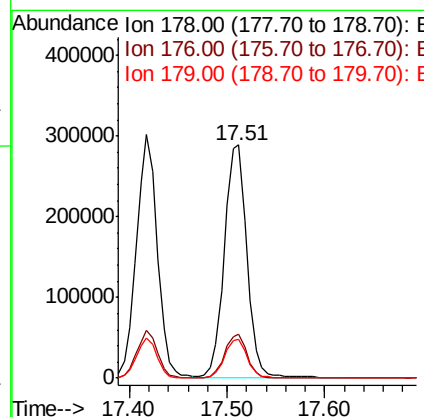
Manual Integrations
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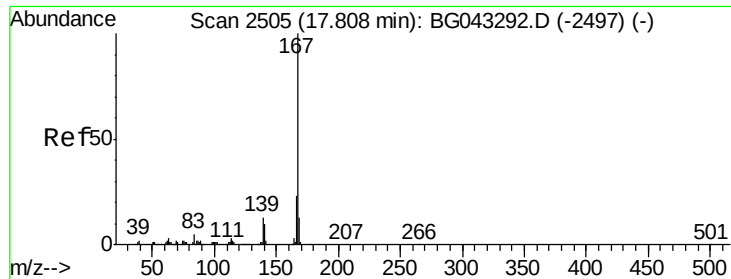
mohammad
 11/14/2019 2:08:02 PM



#72
 Anthracene
 Concen: 40.735 ng
 RT: 17.51 min Scan# 2455
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.7	15.5	23.3
179	16.5	13.7	20.5





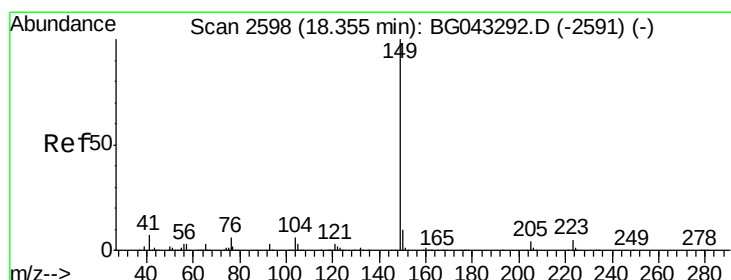
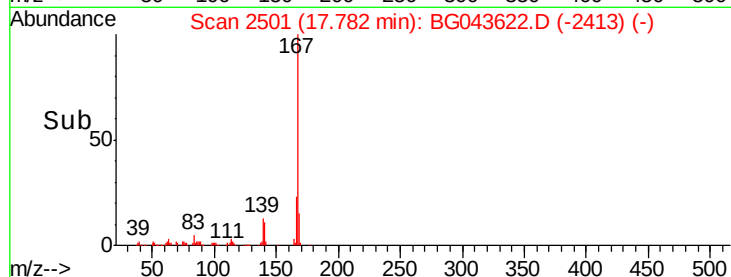
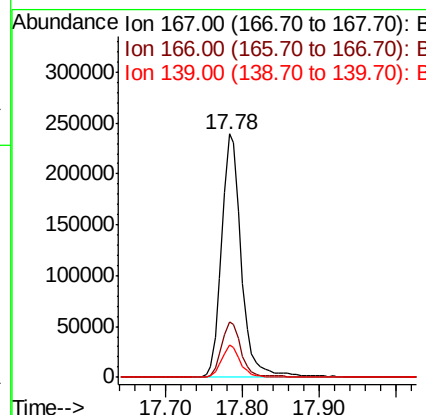
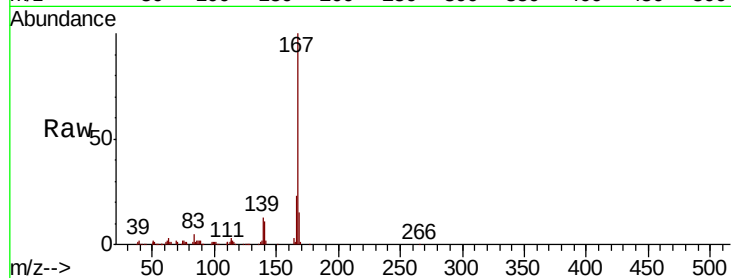
#73
 Carbazole
 Concen: 41.173 ng
 RT: 17.78 min Scan# 2501
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Instrument :
 BNA_G
 ClientSampleId :
 PB124754BS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
167	100		423978		
166	23.0		18.7	28.1	
139	13.1		10.0	15.0	

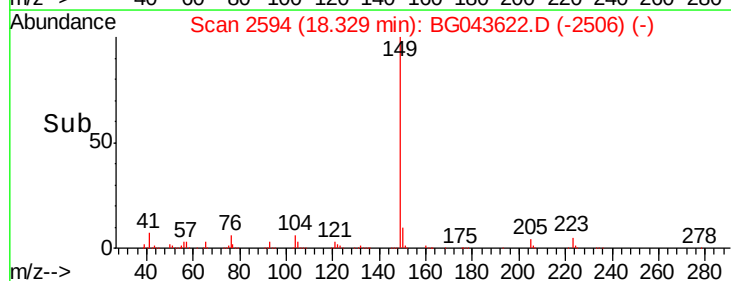
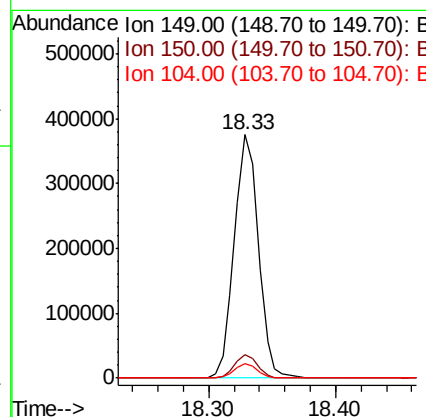
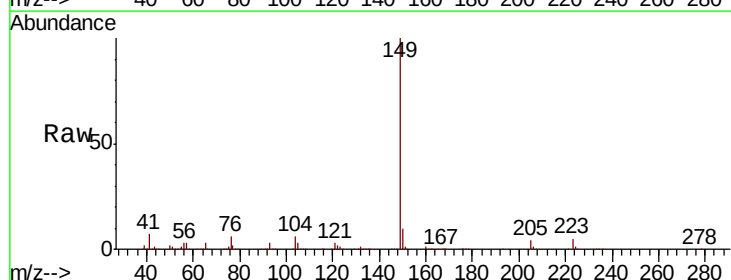
Manual Integrations
 APPROVED

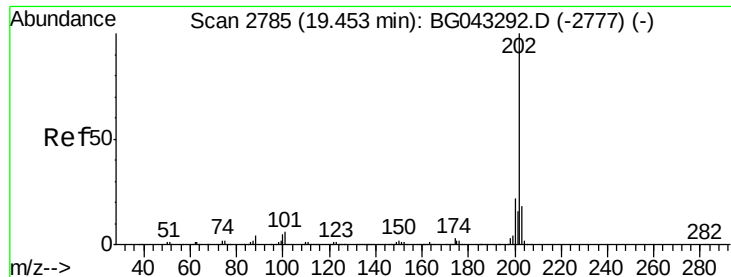
mohammad
 11/14/2019 2:08:02 PM



#74
 Di-n-butylphthalate
 Concen: 39.457 ng
 RT: 18.33 min Scan# 2594
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		492990		
150	9.8		8.0	12.0	
104	5.7		4.4	6.6	





#75

Fluoranthene

Concen: 41.519 ng

RT: 19.43 min Scan# 2781

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

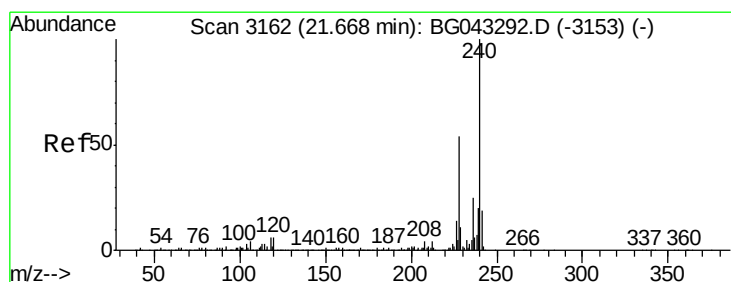
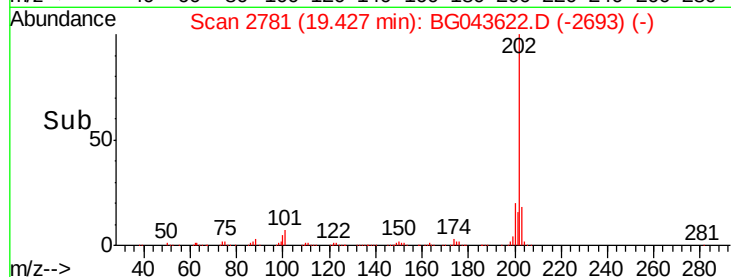
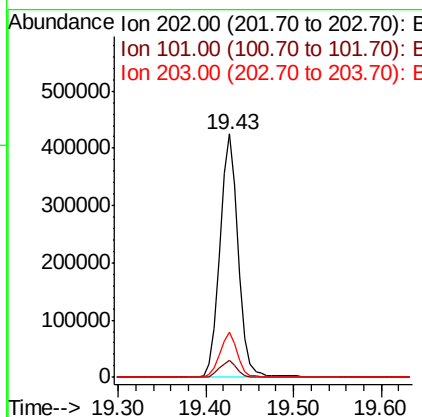
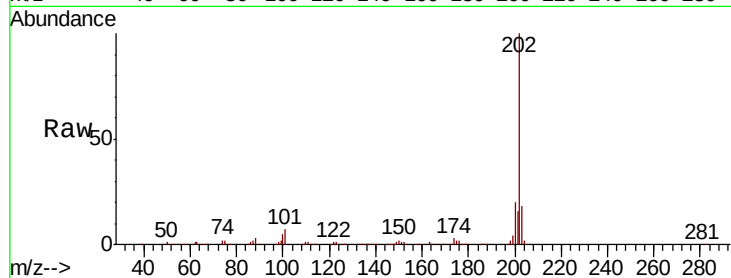
ClientSampleId :

PB124754BS

Tot Ion:	202	Resp:	615176
Ion Ratio		Lower	Upper
202	100		
101	6.8	0.0	26.3
203	18.4	0.0	37.9

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

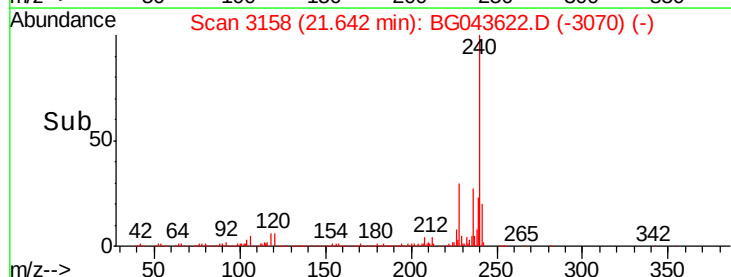
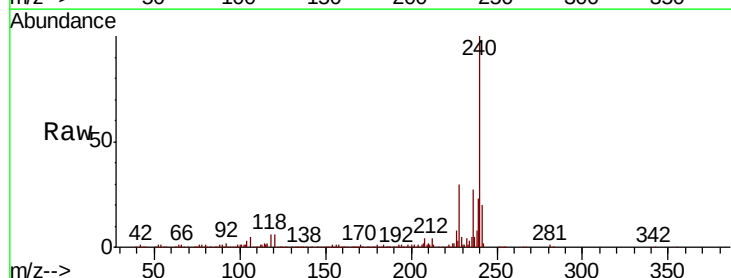
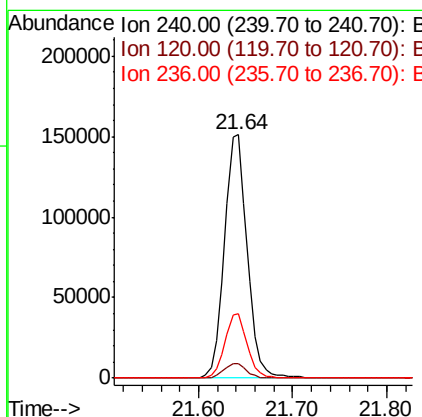
RT: 21.64 min Scan# 3158

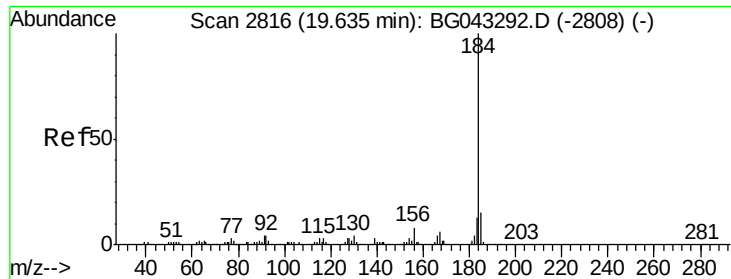
Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Tgt Ion:	240	Resp:	254636
Ion Ratio		Lower	Upper
240	100		
120	5.7	4.6	6.8
236	26.5	19.8	29.8





#77

Benzidine

Concen: 47.824 ng

RT: 19.61 min Scan# 2812

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

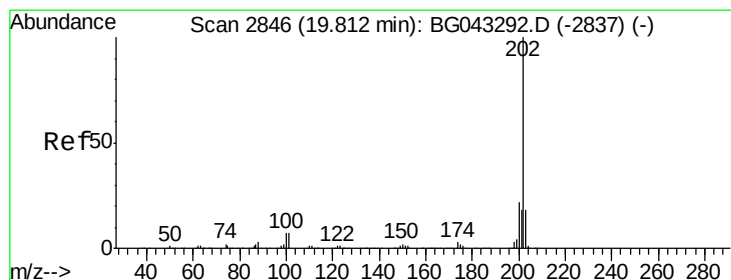
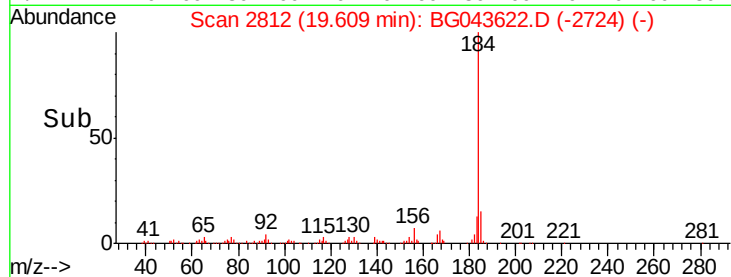
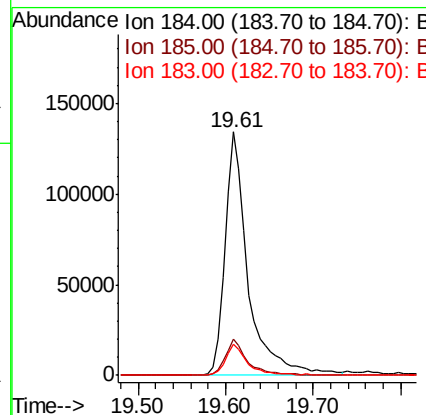
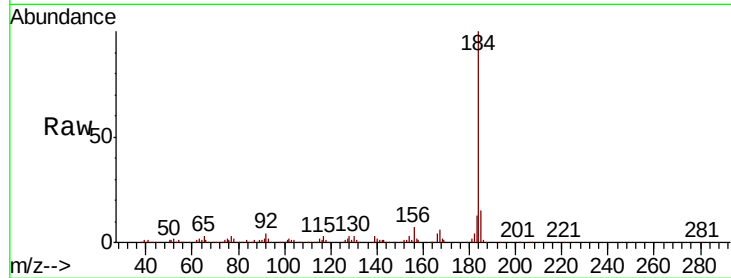
ClientSampleId :

PB124754BS

Tot Ion:	184	Resp:	245080
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.0	16.4
183	12.8	10.0	15.0

Manual Integrations
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#78

Pyrene

Concen: 39.501 ng

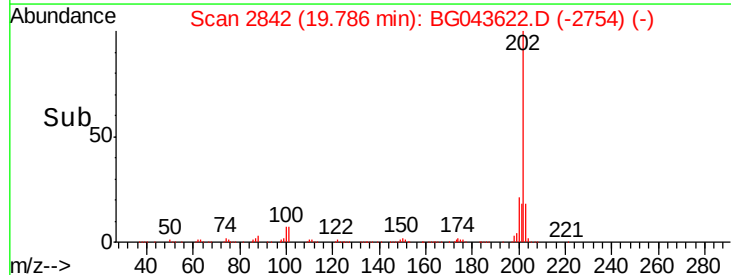
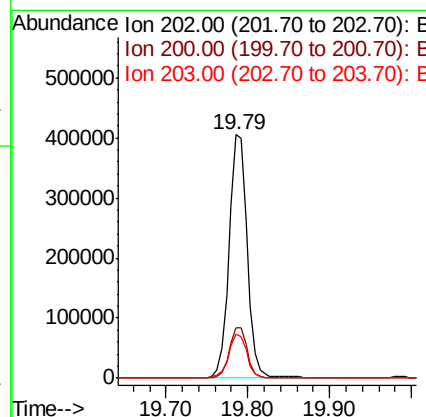
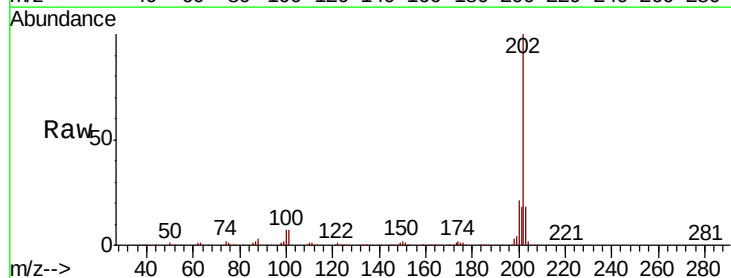
RT: 19.79 min Scan# 2842

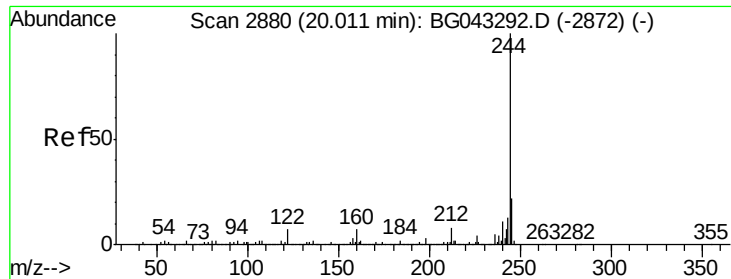
Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Tgt Ion:	202	Resp:	622604
Ion Ratio	Lower	Upper	
202	100		
200	20.8	17.0	25.4
203	18.0	14.7	22.1





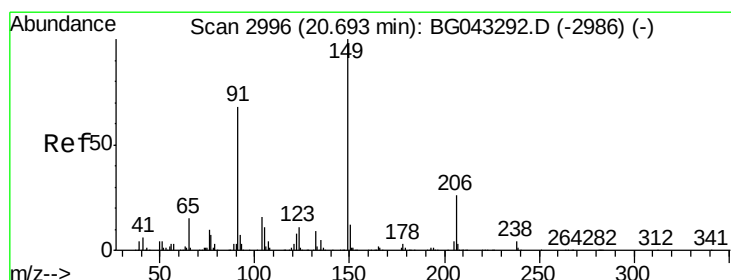
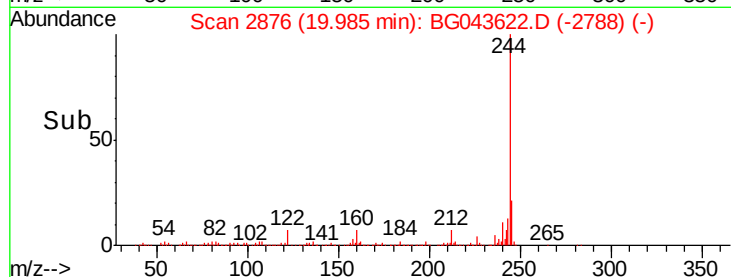
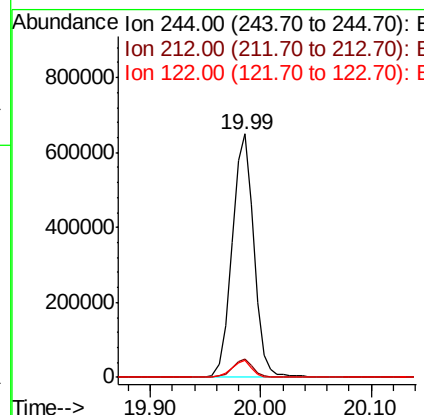
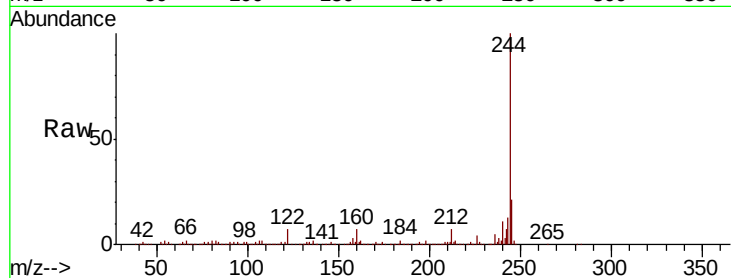
#79
 Terphenyl-d14
 Concen: 66.154 ng
 RT: 19.99 min Scan# 2876
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Instrument :
 BNA_G
 ClientSampleId :
 PB124754BS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.3	5.8	8.6
122	6.9	5.4	8.2

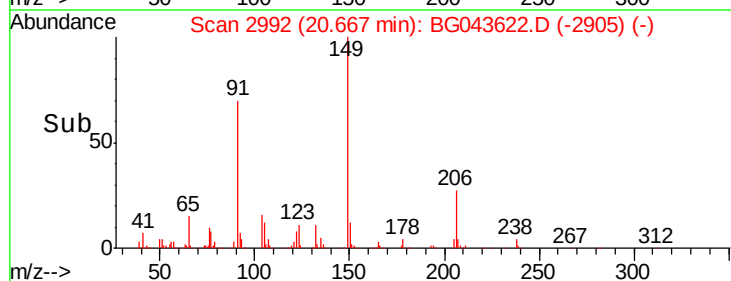
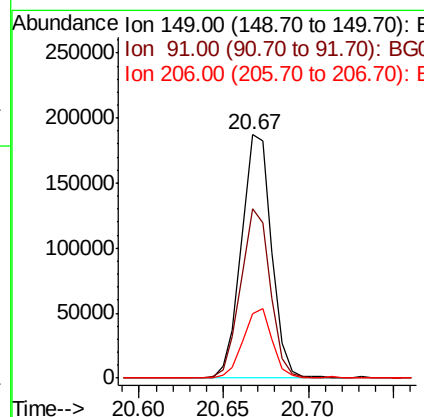
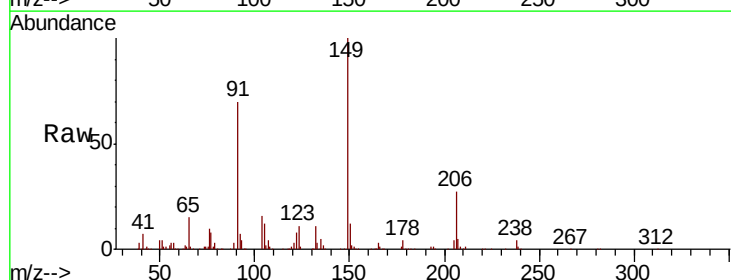
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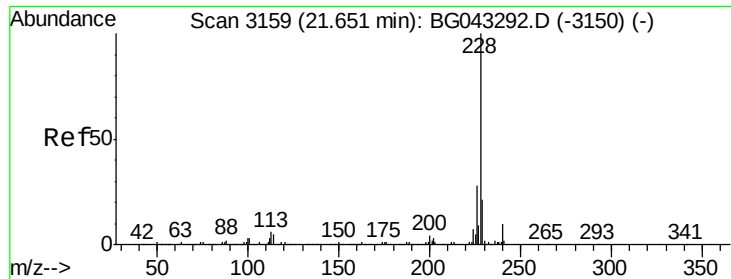
mohammad
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#80
 Butylbenzylphthalate
 Concen: 39.169 ng
 RT: 20.67 min Scan# 2992
 Delta R.T. -0.02 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
149	100		
91	69.5	51.2	76.8
206	26.6	22.5	33.7





#81

Benzo(a)anthracene

Concen: 39.941 ng

RT: 21.62 min Scan# 3154

Delta R.T. -0.02 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

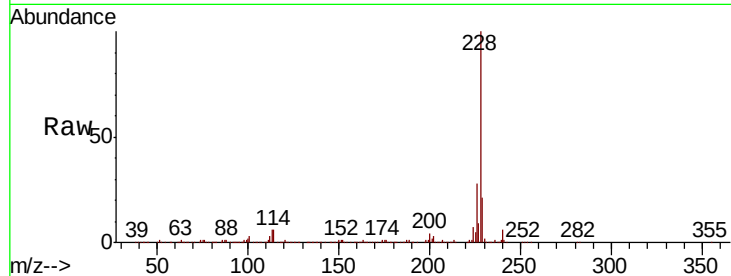
ClientSampleId :

PB124754BS

Tot Ion:	228	Resp:	637069
Ion Ratio	Lower	Upper	
228	100		
226	27.5	22.2	33.2
229	20.6	17.0	25.4

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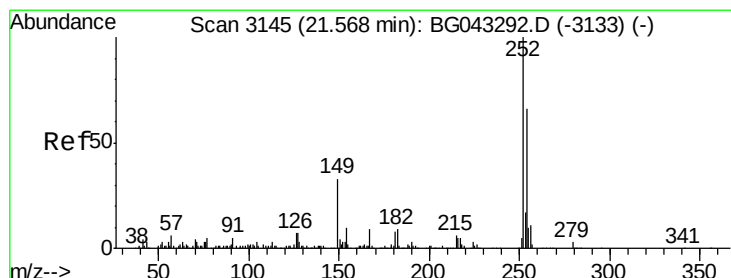
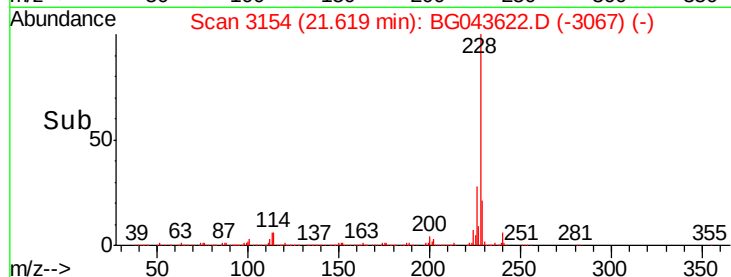
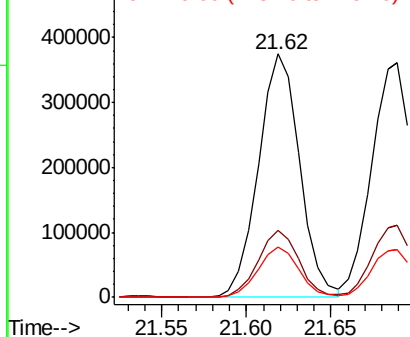


Abundance

Ion 228.00 (227.70 to 228.70): E

Ion 226.00 (225.70 to 226.70): E

Ion 229.00 (228.70 to 229.70): E



#82

3,3'-Dichlorobenzidine

Concen: 33.945 ng

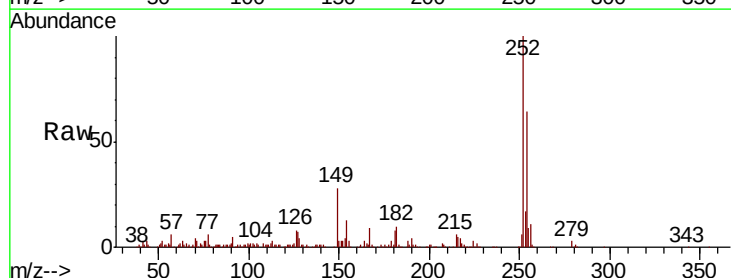
RT: 21.54 min Scan# 3140

Delta R.T. -0.01 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Tgt Ion:	252	Resp:	209415
Ion Ratio	Lower	Upper	
252	100		
254	64.3	50.8	76.2
126	7.5	6.1	9.1

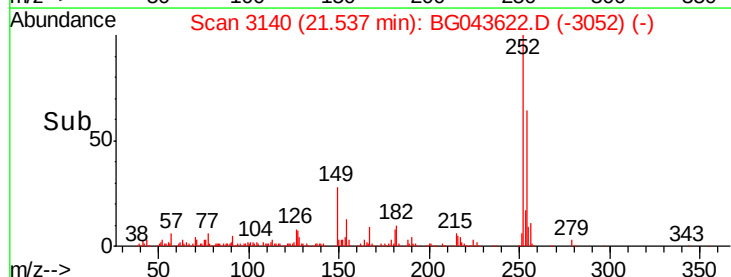
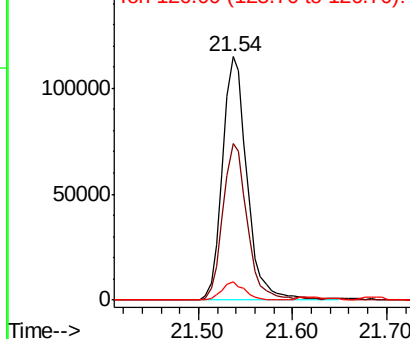


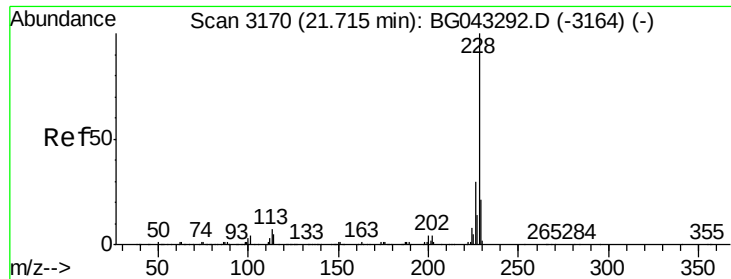
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 254.00 (253.70 to 254.70): E

Ion 126.00 (125.70 to 126.70): E





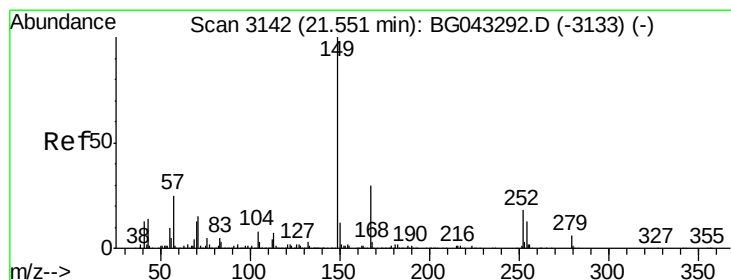
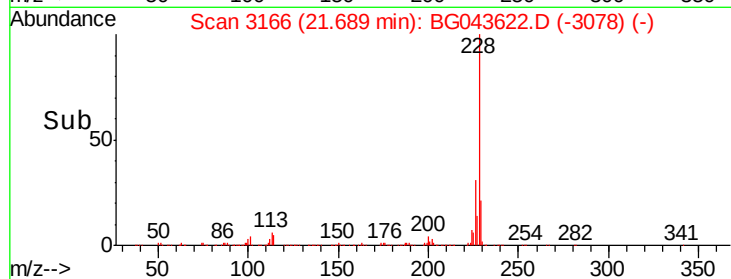
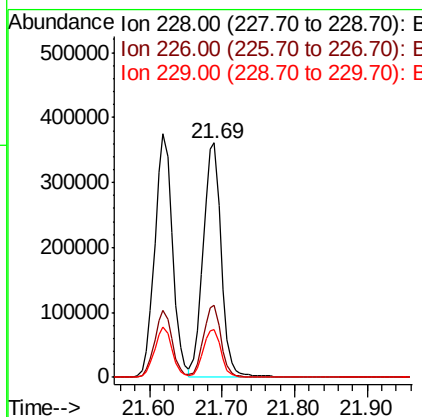
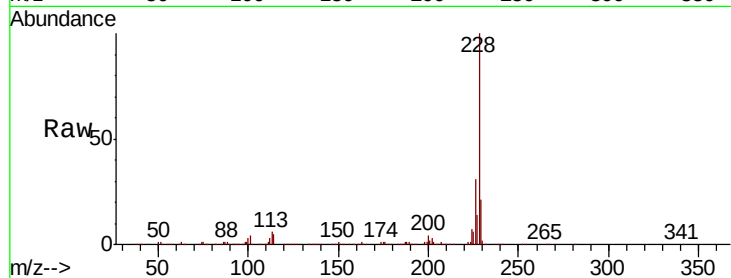
#83
 Chrysene
 Concen: 39.352 ng
 RT: 21.69 min Scan# 3166
 Delta R.T. -0.01 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Instrument :
 BNA_G
 ClientSampleId :
 PB124754BS

Tot Ion:	228	Resp:	623635
Ion Ratio	Lower	Upper	
228	100		
226	30.8	25.1	37.7
229	20.6	17.0	25.4

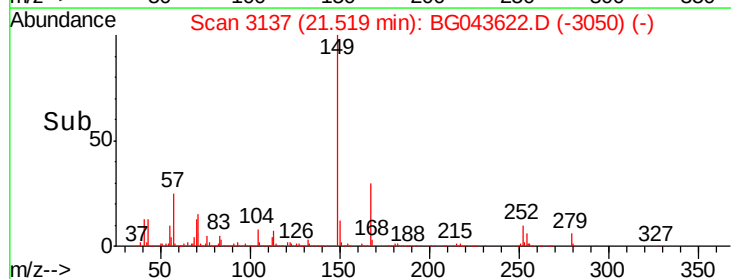
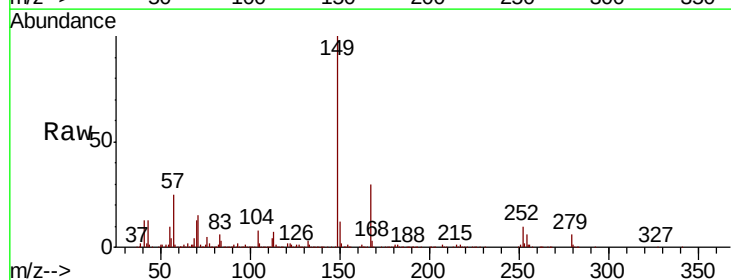
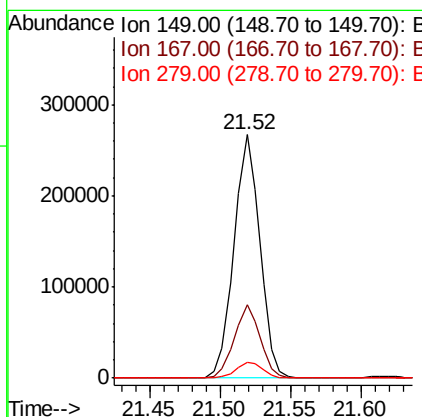
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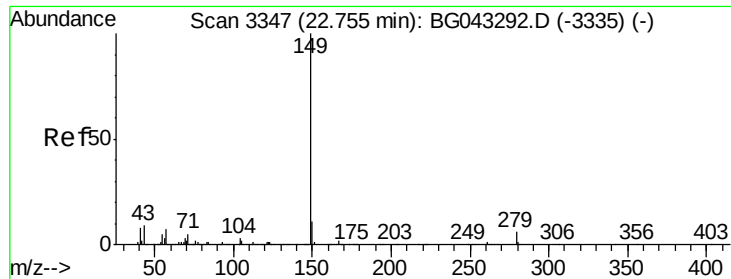
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 40.363 ng
 RT: 21.52 min Scan# 3137
 Delta R.T. -0.02 min
 Lab File: BG043622.D
 Acq: 13 Nov 2019 21:17

Tgt Ion:	149	Resp:	342380
Ion Ratio	Lower	Upper	
149	100		
167	29.9	24.0	36.0
279	6.2	5.4	8.2





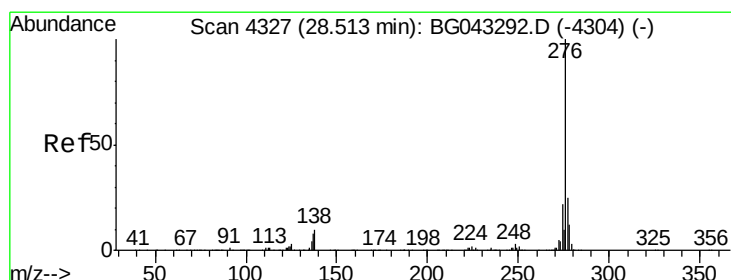
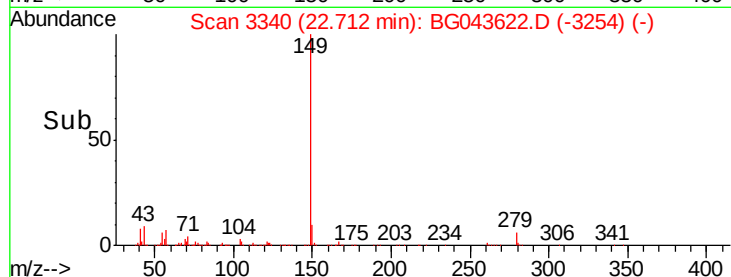
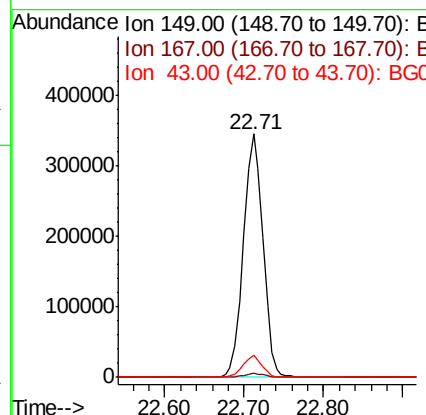
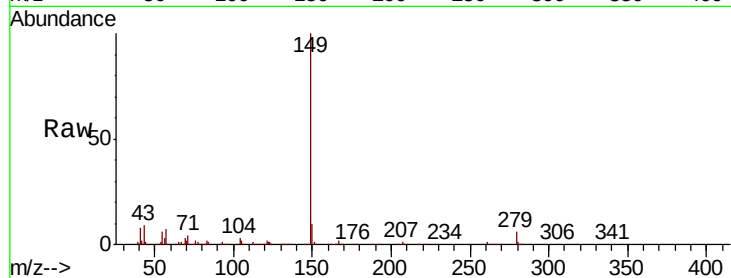
#85
Di-n-octyl phthalate
Concen: 40.857 ng
RT: 22.71 min Scan# 3340
Delta R.T. -0.03 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ratio	Resp	Lower	Upper
149	100	587978		
167	1.7		1.4	2.2
43	8.7		7.0	10.6

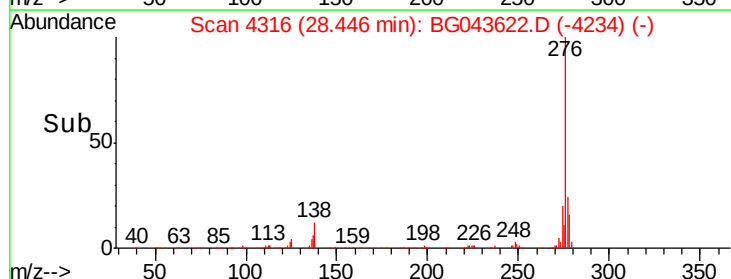
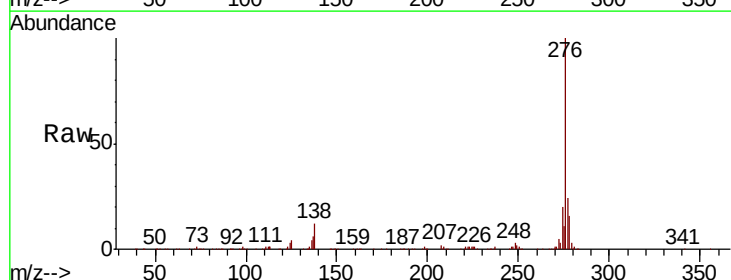
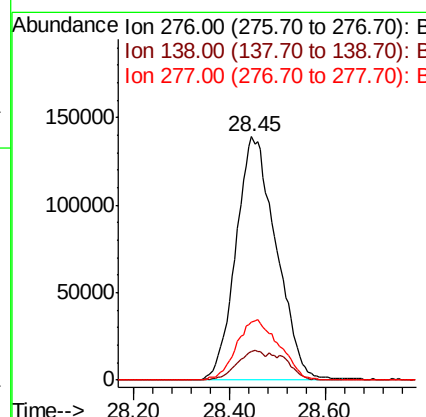
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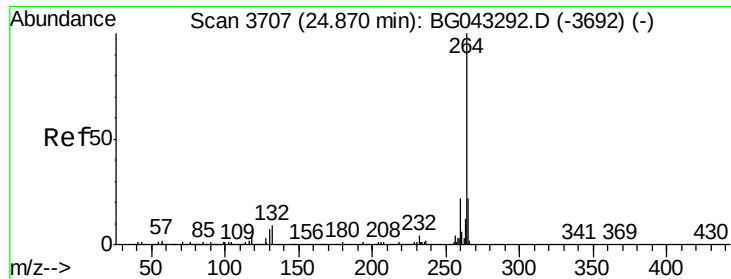
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 40.847 ng
RT: 28.45 min Scan# 4316
Delta R.T. -0.05 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	812558		
138	8.3		6.8	10.2
277	26.2		20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.82 min Scan# 3699

Delta R.T. -0.03 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

Instrument :

BNA_G

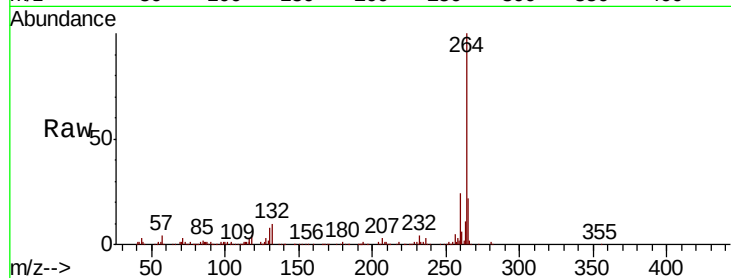
ClientSampleId :

PB124754BS

Tot Ion:	264	Resp:	288299
Ion Ratio	Lower	Upper	
264	100		
260	23.8	17.5	26.3
265	21.9	17.4	26.0

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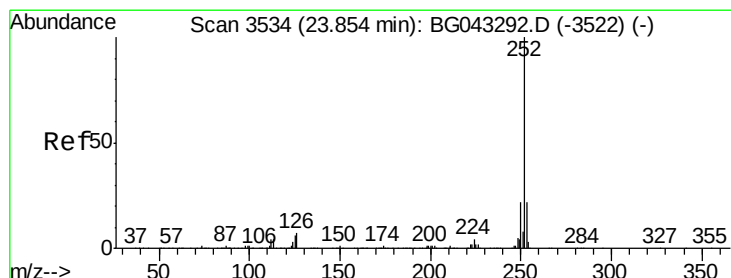
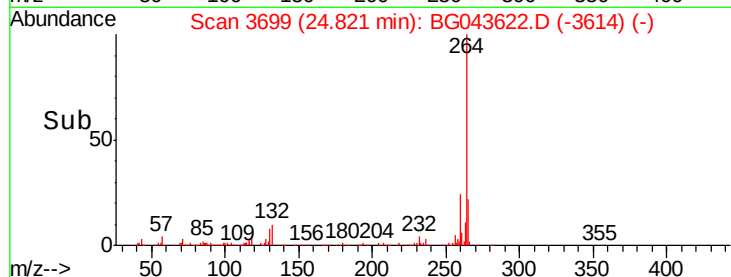
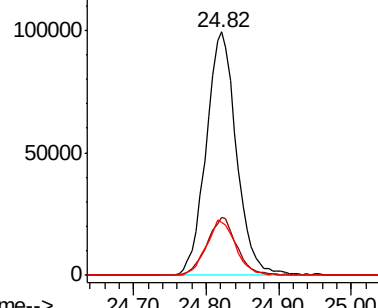


Abundance

Ion 264.00 (263.70 to 264.70): E

Ion 260.00 (259.70 to 260.70): E

Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 42.005 ng

RT: 23.81 min Scan# 3527

Delta R.T. -0.03 min

Lab File: BG043622.D

Acq: 13 Nov 2019 21:17

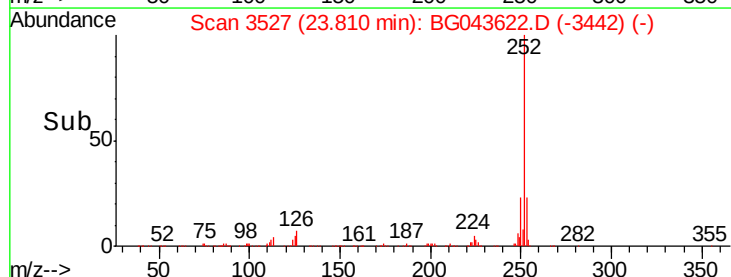
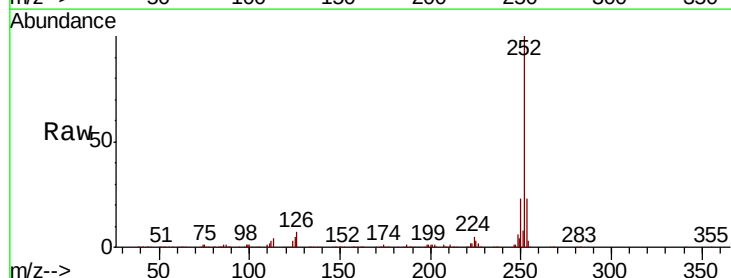
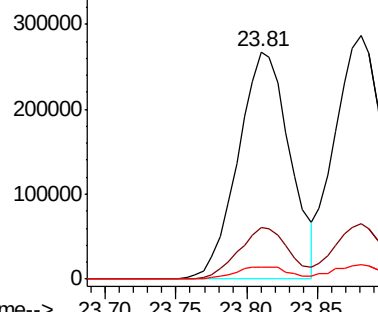
Tgt Ion:	252	Resp:	685872
Ion Ratio	Lower	Upper	
252	100		
253	22.7	17.7	26.5
125	5.5	4.5	6.7

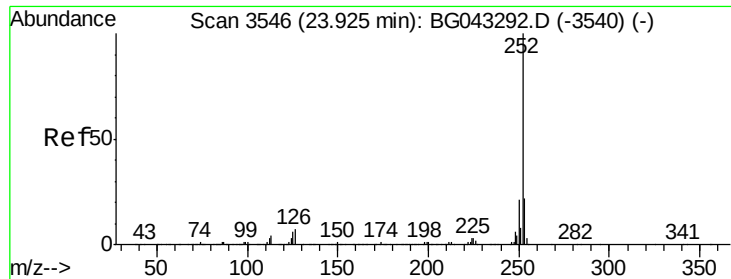
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





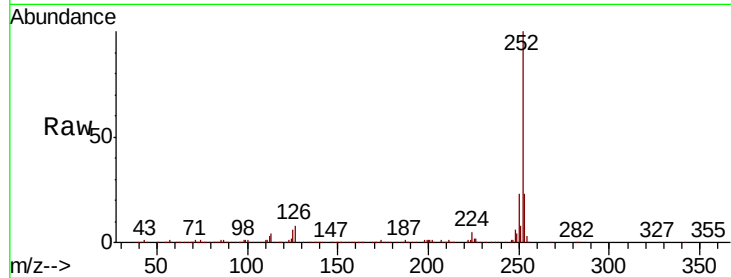
#89
Benzo(k)fluoranthene
Concen: 41.890 ng
RT: 23.88 min Scan# 3539
Delta R.T. -0.03 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.0	17.3	25.9
125	5.8	4.6	6.8

Manual Integrations
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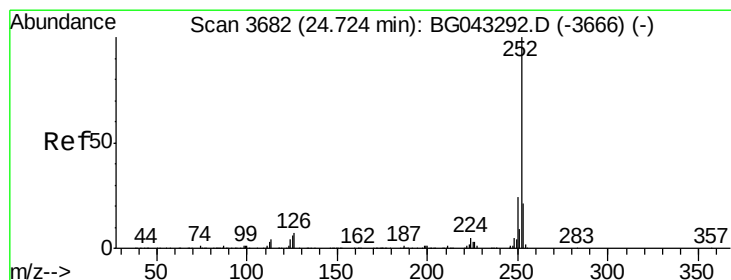
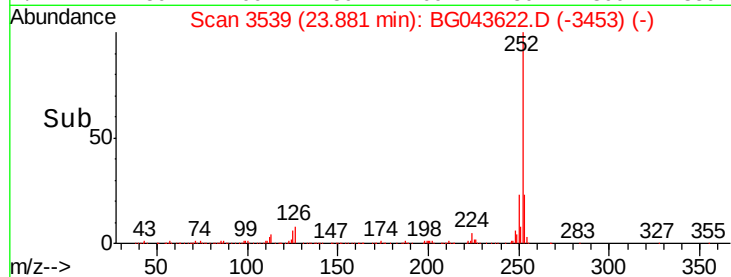
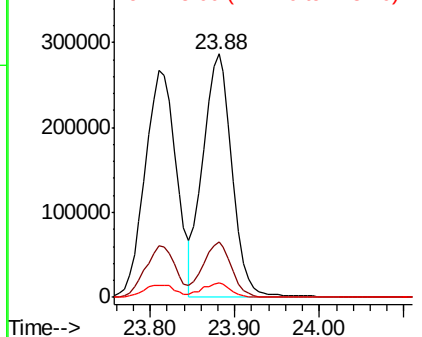


Abundance

Ion 252.00 (251.70 to 252.70): E

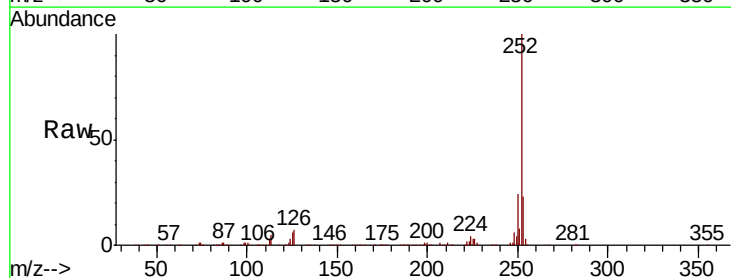
Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90
Benzo(a)pyrene
Concen: 43.201 ng
RT: 24.67 min Scan# 3674
Delta R.T. -0.03 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.8	26.8
125	6.4	5.4	8.2

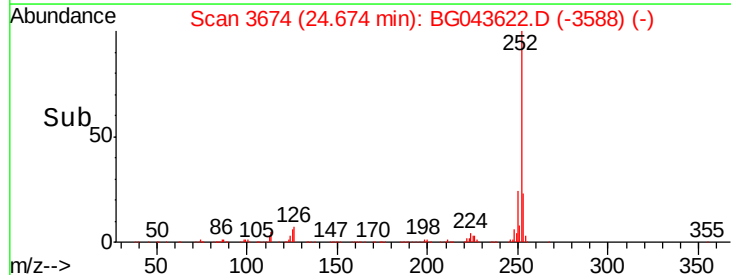
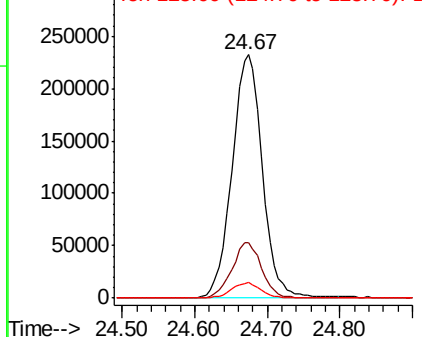


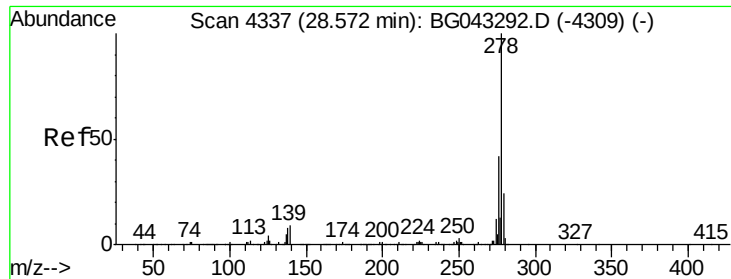
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





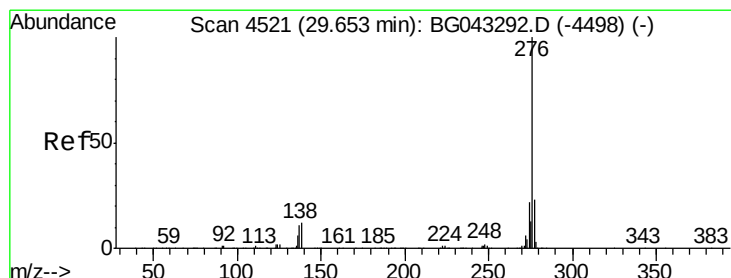
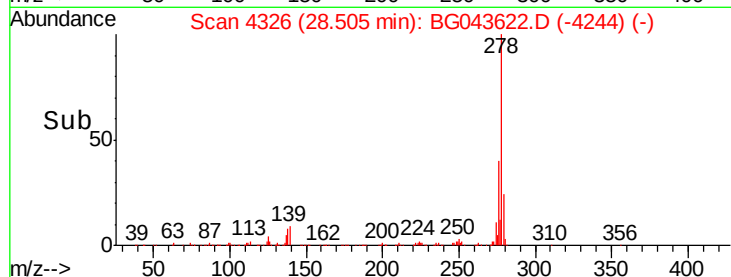
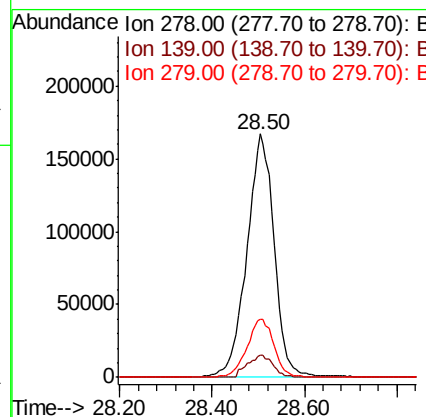
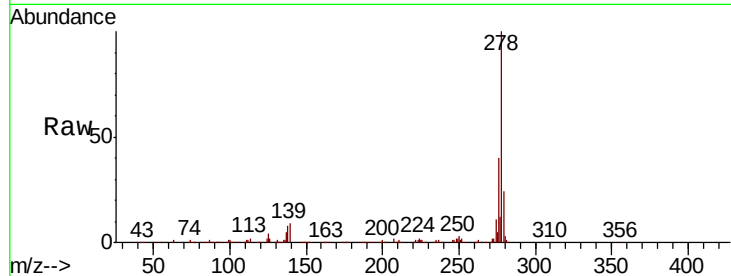
#91
Dibenzo(a,h)anthracene
Concen: 43.119 ng
RT: 28.50 min Scan# 4326
Delta R.T. -0.05 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Instrument :
BNA_G
ClientSampleId :
PB124754BS

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.3	7.4	11.0
279	23.9	19.1	28.7

Manual Integrations
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mohammad
11/14/2019 2:08:02 PM



#92
Benzo(g,h,i)perylene
Concen: 43.298 ng
RT: 29.59 min Scan# 4510
Delta R.T. -0.04 min
Lab File: BG043622.D
Acq: 13 Nov 2019 21:17

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.9	28.3
138	10.9	8.9	13.3

