

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102819\
 Data File : BG043365.D
 Acq On : 29 Oct 2019 00:43
 Operator : JU
 Sample : K5539-07MSD
 Misc :
 ALS Vial : 17 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 162-36-(0-1)MSD

Manual Integrations
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mohammad
 10/29/2019 3:34:45 PM

Quant Time: Oct 29 13:49:27 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	42392	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	157287	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	112648	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	268238	20.00	ng	0.00
76) Chrysene-d12	21.67	240	308474	20.00	ng	0.00
87) Perylene-d12	24.86	264	362526	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	242102	104.65	ng	0.00
7) Phenol-d6	7.21	99	341799	102.69	ng	0.00
23) Nitrobenzene-d5	9.19	82	206811	67.79	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	215059	100.32	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	455049	55.82	ng	0.00
79) Terphenyl-d14	20.00	244	833805	50.71	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.49	88	29875	33.139	ng	# 93
3) Pyridine	3.89	79	72824	32.023	ng	99
4) n-Nitrosodimethylamine	3.80	42	45011	39.224	ng	87
6) Aniline	7.35	93	121953	31.806	ng	95
8) 2-Chlorophenol	7.60	128	107781	42.205	ng	95
9) Benzaldehyde	7.17	77	56056	34.269	ng	88
10) Phenol	7.24	94	144466	47.498	ng	98
11) bis(2-Chloroethyl)ether	7.44	93	89070	37.877	ng	95
12) 1,3-Dichlorobenzene	7.91	146	117365	36.681	ng	91
13) 1,4-Dichlorobenzene	8.06	146	120375	37.185	ng	98
14) 1,2-Dichlorobenzene	8.38	146	114510	36.228	ng	97
15) Benzyl Alcohol	8.27	79	90311	38.634	ng	96
16) 2,2'-oxybis(1-Chloropropan	8.55	45	122315	35.772	ng	99
17) 2-Methylphenol	8.49	107	92458	41.699	ng	99
18) Hexachloroethane	9.11	117	42483	36.374	ng	97
19) n-Nitroso-di-n-propylamine	8.83	70	79794	37.100	ng	# 97
20) 3+4-Methylphenols	8.82	107	119571	39.327	ng	91
22) Acetophenone	8.85	105	158403	39.326	ng	98
24) Nitrobenzene	9.23	77	118978	40.938	ng	95
25) Isophorone	9.75	82	227854	40.850	ng	96
26) 2-Nitrophenol	9.94	139	62239	44.358	ng	97
27) 2,4-Dimethylphenol	10.01	122	96930	48.199	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	120198	39.044	ng	98
29) 2,4-Dichlorophenol	10.49	162	114945	44.609	ng	97
30) 1,2,4-Trichlorobenzene	10.69	180	128728	39.638	ng	97
31) Naphthalene	10.88	128	330238	41.363	ng	98
32) Benzoic acid	10.18	122	51148	36.079	ng	99
33) 4-Chloroaniline	11.00	127	61781	18.878	ng	95
34) Hexachlorobutadiene	11.17	225	90770	37.810	ng	96
35) Caprolactam	11.76	113	35870m	40.420	ng	
36) 4-Chloro-3-methylphenol	12.13	107	123260	43.855	ng	96
37) 2-Methylnaphthalene	12.48	142	250989	40.972	ng	96
38) 1-Methylnaphthalene	12.70	142	240635	41.285	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	167921	40.279	ng	97

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	195780	89.399	nq	96
43) 2,4,6-Trichlorophenol	13.09	196	107535	43.800	nq	96
44) 2,4,5-Trichlorophenol	13.18	196	114257	46.033	nq	100
46) 1,1'-Biphenyl	13.49	154	340891	39.779	nq	100
47) 2-Chloronaphthalene	13.53	162	267516	41.028	nq	100
48) 2-Nitroaniline	13.73	65	78470	40.266	nq	97
49) Acenaphthylene	14.37	152	433223	42.690	nq	99
50) Dimethylphthalate	14.10	163	416471	47.731	nq	98
51) 2,6-Dinitrotoluene	14.22	165	80074	42.243	nq	97
52) Acenaphthene	14.72	154	258782	41.816	nq	98
53) 3-Nitroaniline	14.56	138	51386	28.078	nq	96
54) 2,4-Dinitrophenol	14.77	184	91041	77.194	nq	94
55) Dibenzofuran	15.05	168	426523	42.500	nq	99
56) 4-Nitrophenol	14.90	139	115191	93.924	nq	95
57) 2,4-Dinitrotoluene	15.01	165	114983	42.445	nq	95
58) Fluorene	15.70	166	356834	42.393	nq	97
59) 2,3,4,6-Tetrachlorophenol	15.28	232	117083	44.398	nq	# 98
60) Diethylphthalate	15.47	149	350627	39.993	nq	97
61) 4-Chlorophenyl-phenylether	15.69	204	200476	40.827	nq	97
62) 4-Nitroaniline	15.73	138	73949	39.125	nq	92
63) Azobenzene	15.98	77	300335	42.328	nq	96
65) 4,6-Dinitro-2-methylphenol	15.78	198	71052	45.010	nq	99
66) n-Nitrosodiphenylamine	15.90	169	319074	42.133	nq	98
67) 4-Bromophenyl-phenylether	16.58	248	145665	40.352	nq	98
68) Hexachlorobenzene	16.71	284	163876	39.548	nq	98
69) Atrazine	16.85	200	136946	52.042	nq	92
70) Pentachlorophenol	17.05	266	177264	93.884	nq	92
71) Phenanthrene	17.44	178	621907	45.276	nq	98
72) Anthracene	17.53	178	605806	44.081	nq	100
73) Carbazole	17.80	167	533224	42.846	nq	100
74) Di-n-butylphthalate	18.35	149	631502	41.820	nq	100
75) Fluoranthene	19.44	202	849556	47.442	nq	98
77) Benzidine	19.63	184	353263	56.903	nq	97
78) Pyrene	19.81	202	842070	44.101	nq	99
80) Butylbenzylphthalate	20.69	149	286876	39.656	nq	98
81) Benzo(a)anthracene	21.64	228	840924	43.520	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	243948	32.641	nq	100
83) Chrysene	21.71	228	803563	41.856	nq	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	423245	41.188	nq	99
85) Di-n-octyl phthalate	22.75	149	722857	41.462	nq	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	1053051	43.697	nq	# 95
88) Benzo(b)fluoranthene	23.85	252	905333	44.093	nq	97
89) Benzo(k)fluoranthene	23.92	252	862458	41.725	nq	100
90) Benzo(a)pyrene	24.71	252	822390	41.944	nq	100
91) Dibenzo(a,h)anthracene	28.56	278	859851	42.875	nq	100
92) Benzo(g,h,i)perylene	29.65	276	878325	44.400	nq	97

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



#1

1,4-Dichlorobenzene-d4

Concen: 20.000 ng

RT: 8.02 min Scan# 840

Delta R.T. -0.00 min

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Instrument :

BNA_G

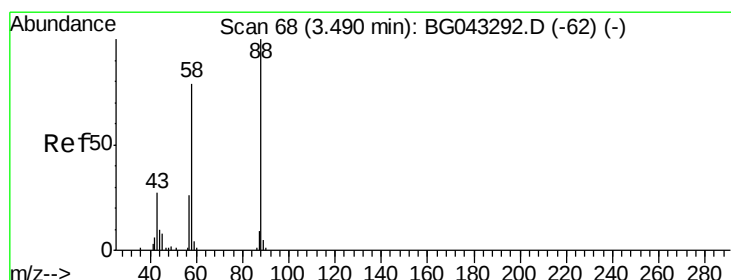
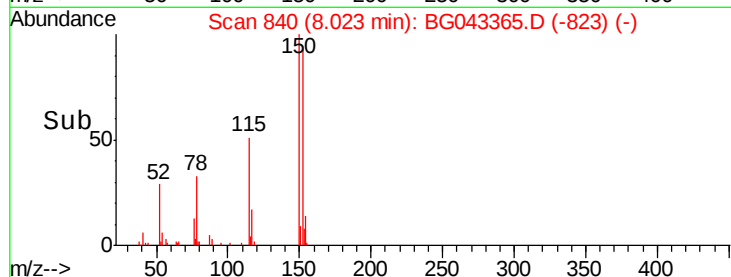
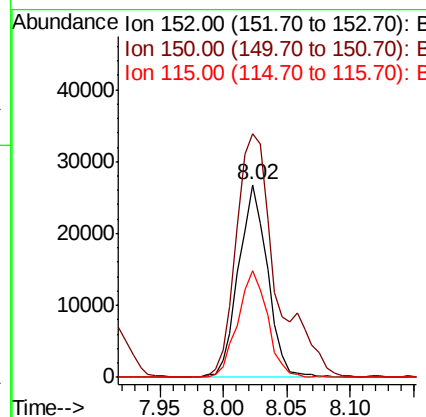
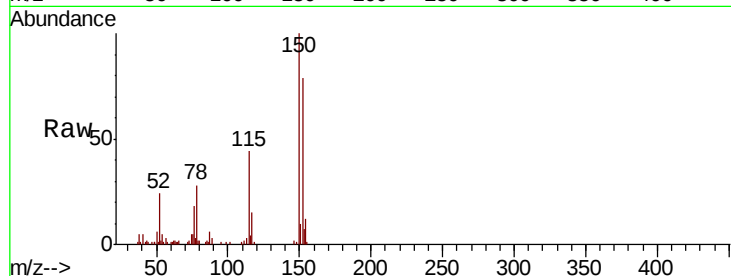
ClientSampleId :

162-36-(0-1)MSD

Tot Ion:	152	Resp:	42392
Ion	Ratio	Lower	Upper
152	100		
150	126.4	113.6	170.4
115	55.2	45.9	68.9

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#2

1,4-Dioxane

Concen: 33.139 ng

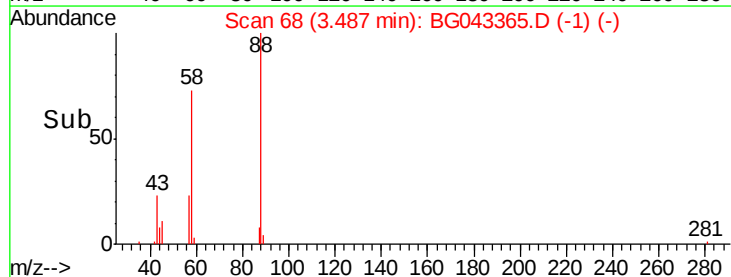
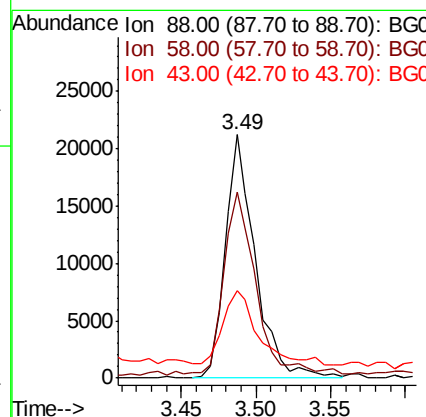
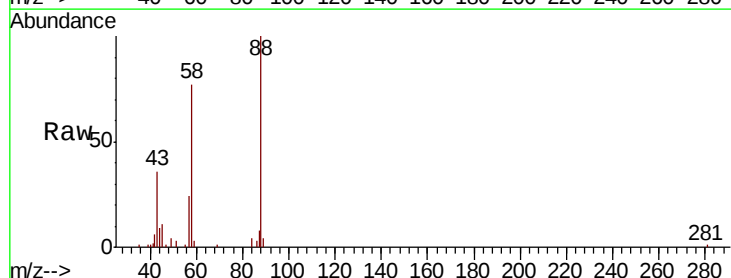
RT: 3.49 min Scan# 68

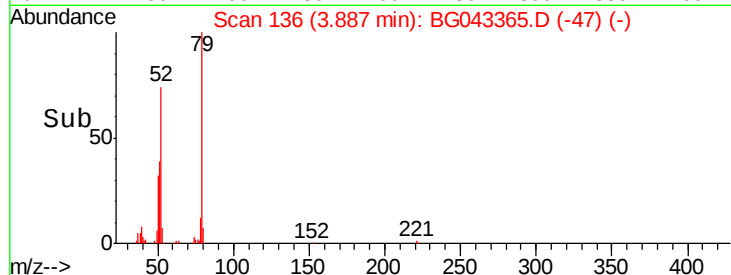
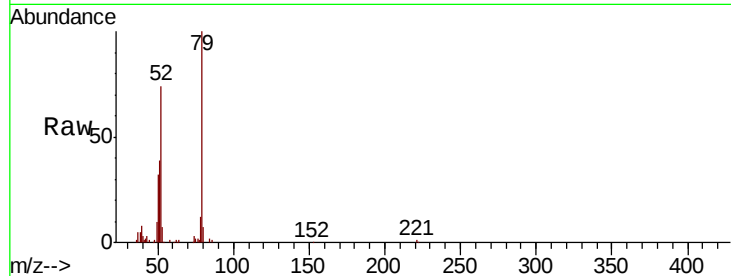
Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Tgt Ion:	88	Resp:	29875
Ion	Ratio	Lower	Upper
88	100		
58	79.0	60.2	90.2
43	36.4	22.7	34.1#





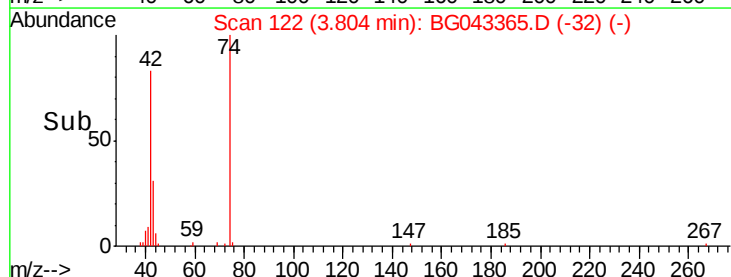
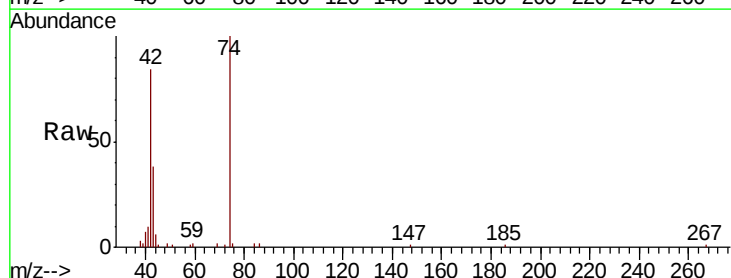
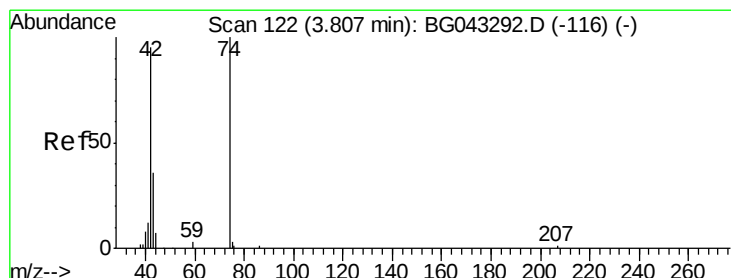
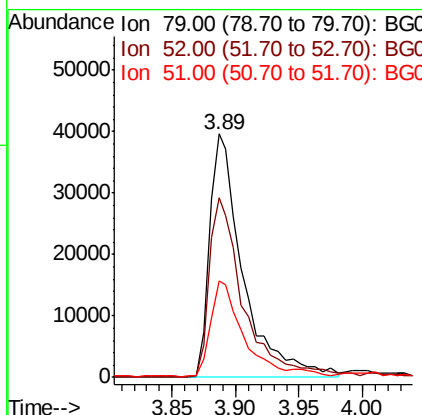
#3
 Pvridine
 Concen: 32.023 ng
 RT: 3.89 min Scan# 136
 Delta R.T. -0.01 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Tot Ion	Ratio	Lower	Upper
79	100		
52	73.6	59.7	89.5
51	39.4	31.8	47.6

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 162-36-(0-1)MSD

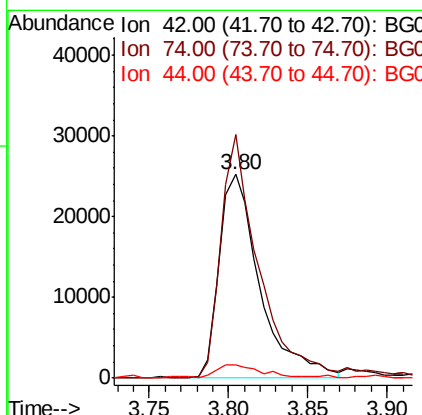
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#4
 n-Nitrosodimethylamine
 Concen: 39.224 ng
 RT: 3.80 min Scan# 122
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
42	100		
74	119.5	84.2	126.2
44	6.7	6.0	9.0





#5

2-Fluorophenol

Concen: 104.652 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

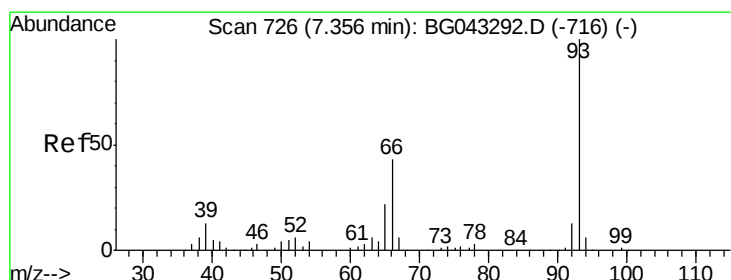
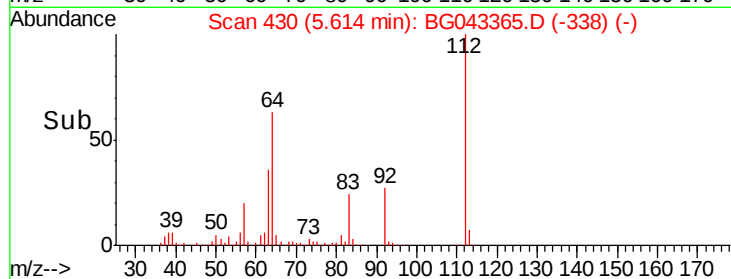
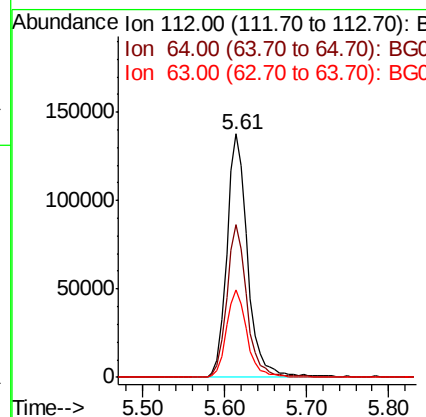
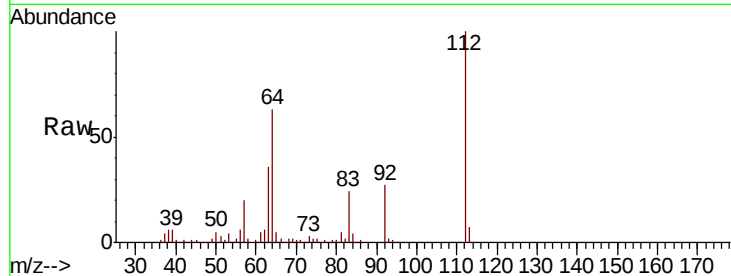
ClientSampleId :

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Tot Ion:	112	Resp:	242102
Ion Ratio	Lower	Upper	
112	100		
64	62.6	50.2	75.2
63	35.7	26.7	40.1

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#6

Aniline

Concen: 31.806 ng

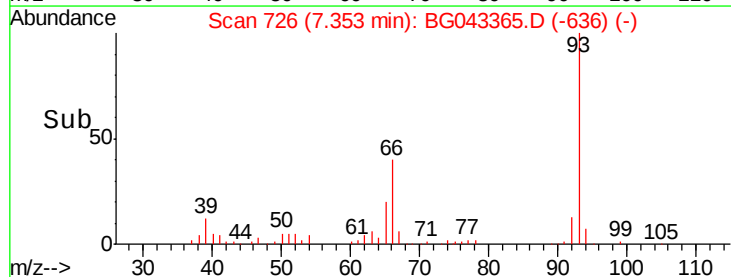
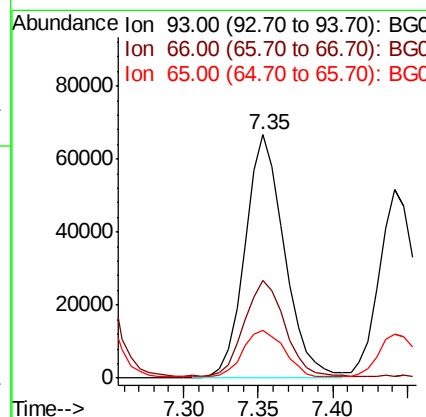
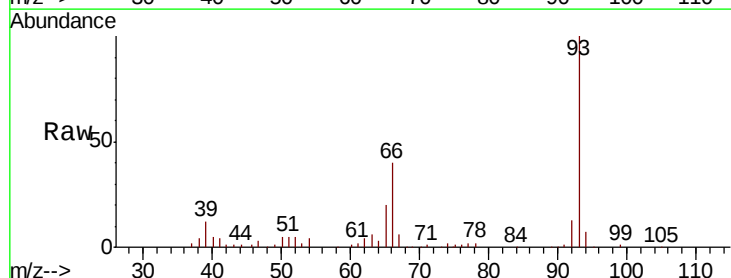
RT: 7.35 min Scan# 726

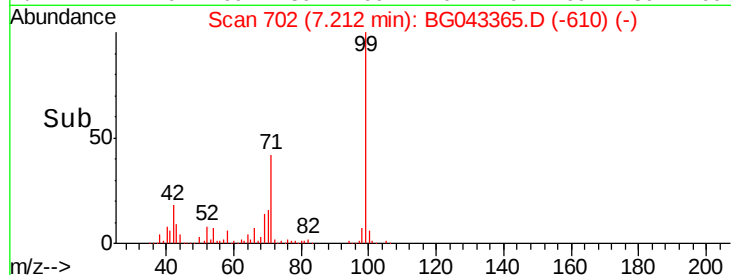
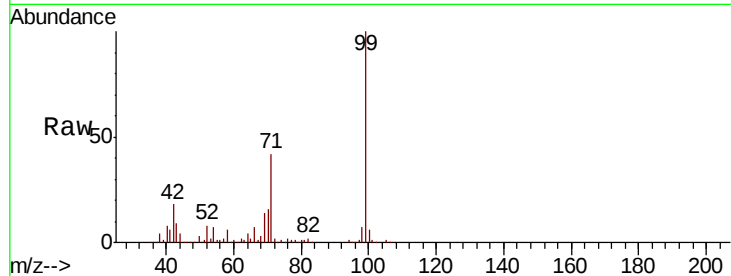
Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Tgt Ion:	93	Resp:	121953
Ion Ratio	Lower	Upper	
93	100		
66	40.1	34.5	51.7
65	19.7	18.0	27.0





#7

Phenol-d6

Concen: 102.690 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Tot Ion:	99	Resp:	341799
Ion	Ratio	Lower	Upper
99	100		
42	18.3	14.9	22.3
71	42.2	32.2	48.2

Instrument :

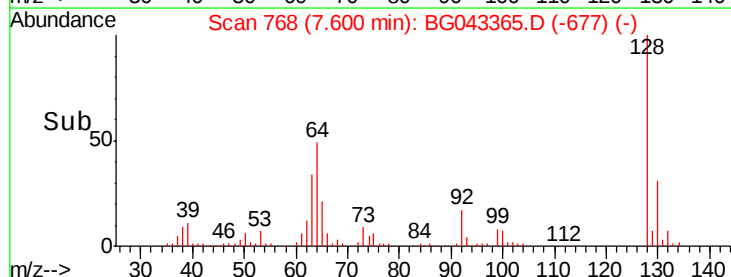
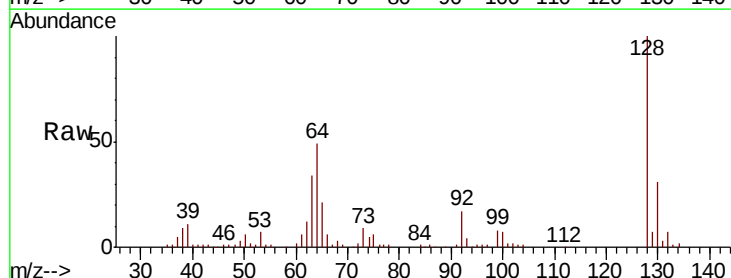
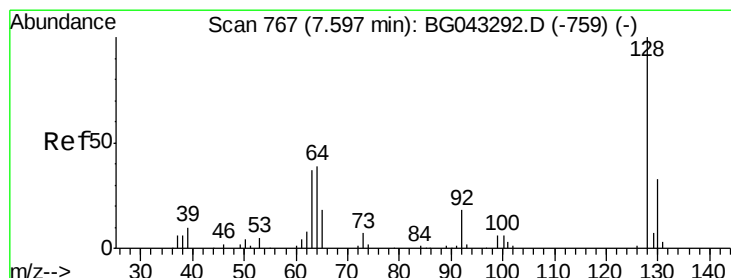
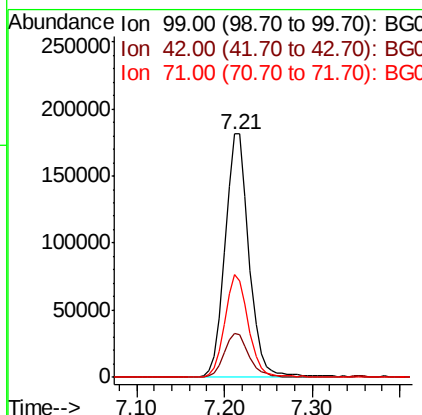
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#8

2-Chlorophenol

Concen: 42.205 ng

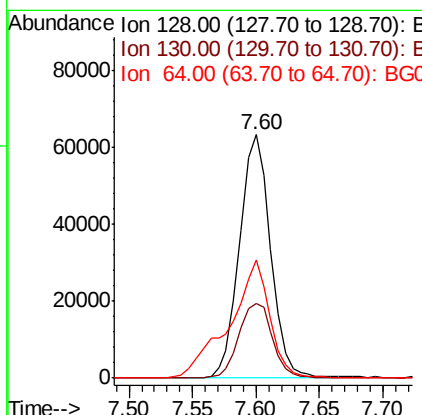
RT: 7.60 min Scan# 768

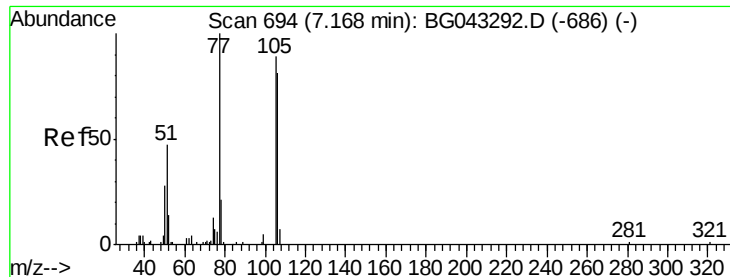
Delta R.T. 0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Tgt Ion:	128	Resp:	107781
Ion	Ratio	Lower	Upper
128	100		
130	30.9	12.9	52.9
64	48.7	24.9	64.9





#9

Benzaldehyde

Concen: 34.269 ng

RT: 7.17 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

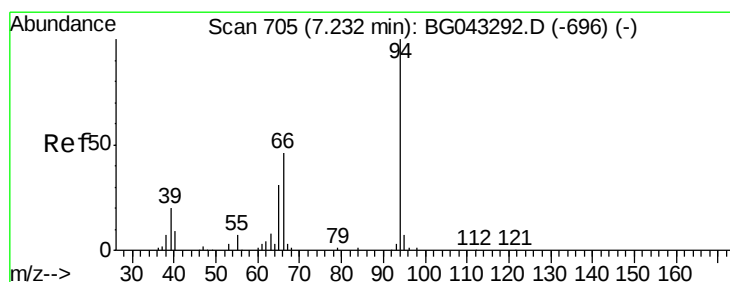
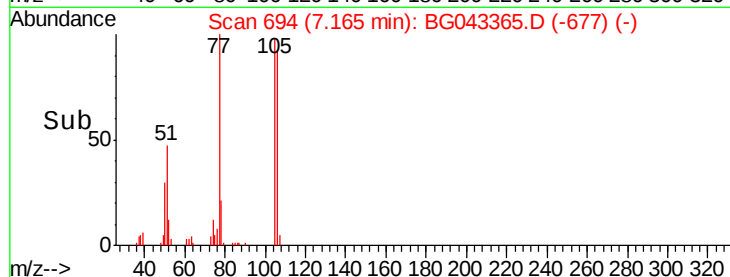
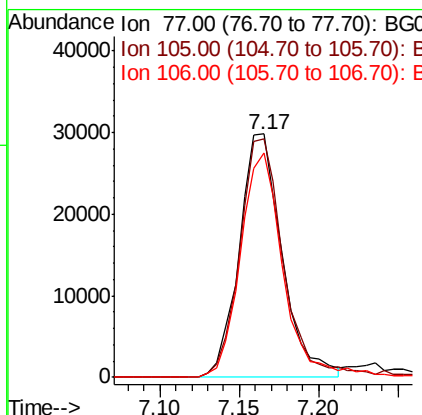
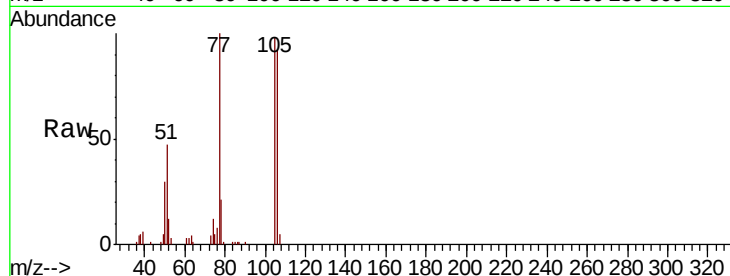
ClientSampleId :

162-36-(0-1)MSD

Tot Ion:	77	Resp:	56056
Ion	Ratio	Lower	Upper
77	100		
105	98.1	68.7	108.7
106	92.1	60.5	100.5

Manual Integrations
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#10

Phenol

Concen: 47.498 ng

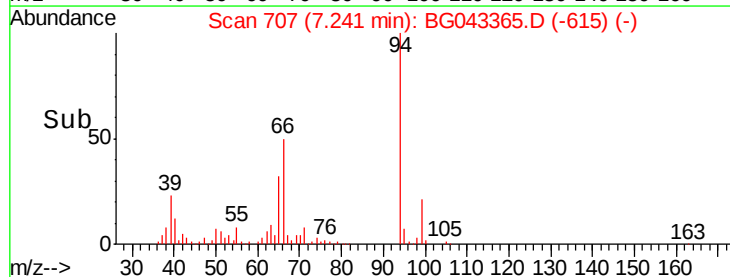
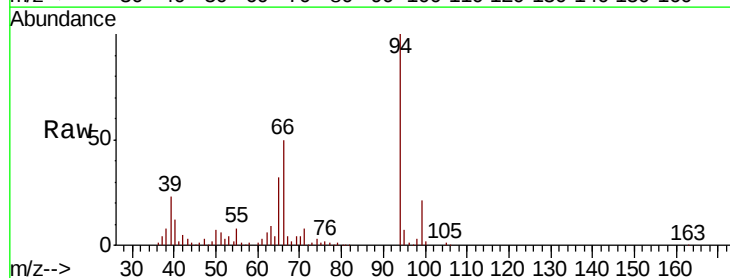
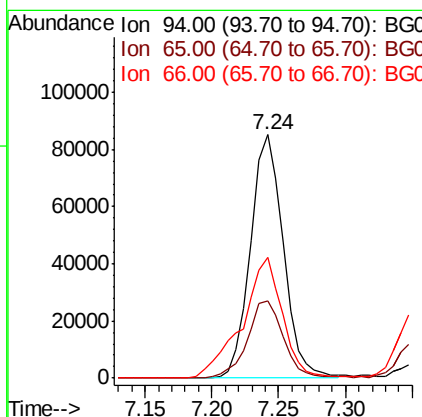
RT: 7.24 min Scan# 707

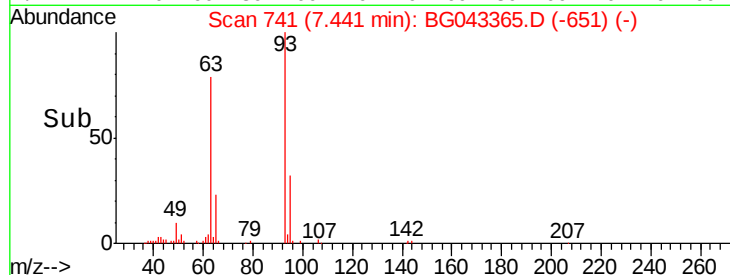
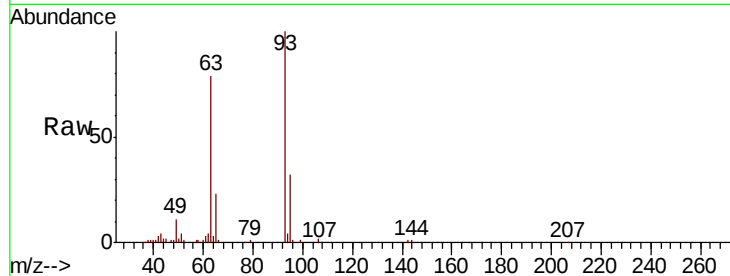
Delta R.T. 0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Tgt Ion:	94	Resp:	144466
Ion	Ratio	Lower	Upper
94	100		
65	31.6	11.1	51.1
66	49.6	27.8	67.8





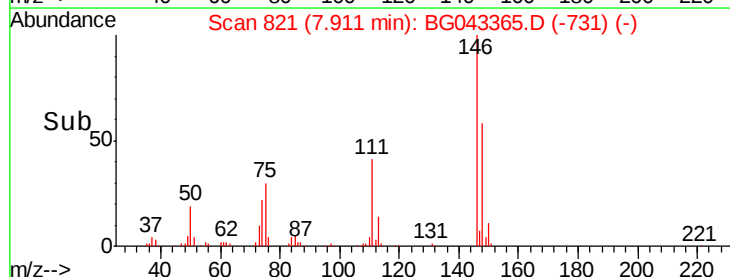
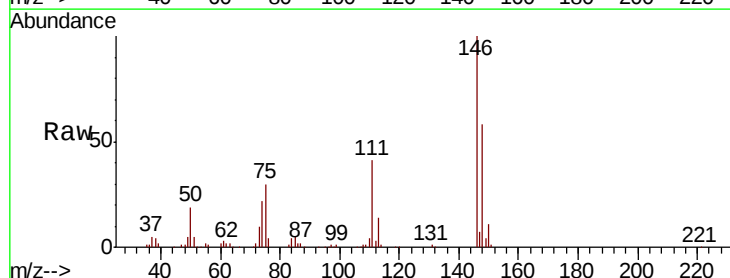
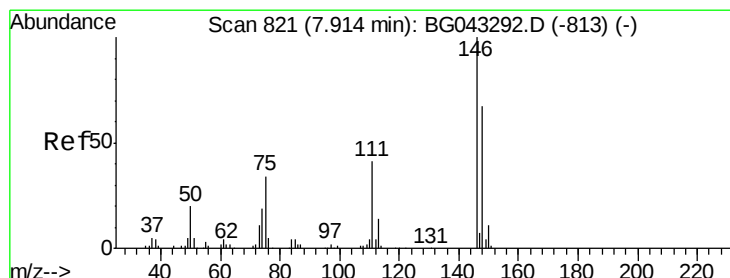
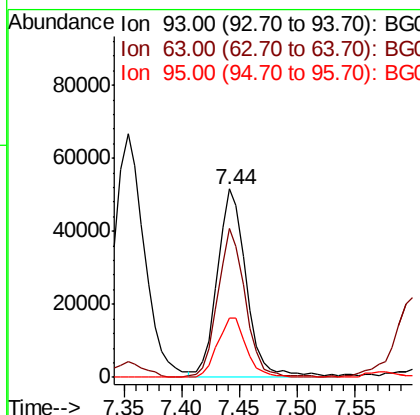
#11
bis(2-Chloroethyl)ether
Concen: 37.877 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tot Ion:	93	Resp:	89070
Ion	Ratio	Lower	Upper
93	100		
63	79.2	54.6	94.6
95	31.8	9.7	49.7

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

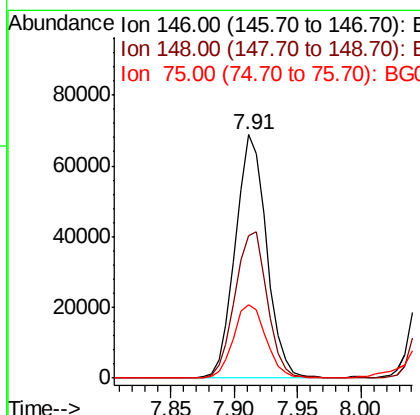
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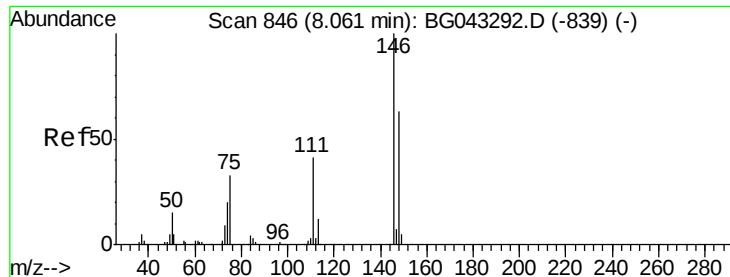
mohammad
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#12
1,3-Dichlorobenzene
Concen: 36.681 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion:	146	Resp:	117365
Ion	Ratio	Lower	Upper
146	100		
148	58.3	53.4	80.2
75	30.2	27.0	40.4





#13

1,4-Dichlorobenzene

Concen: 37.185 ng

RT: 8.06 min Scan# 846

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

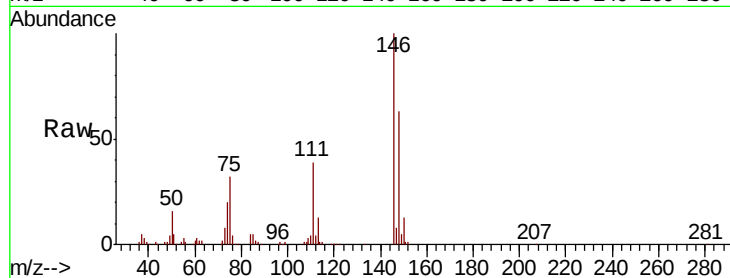
ClientSampleId :

162-36-(0-1)MSD

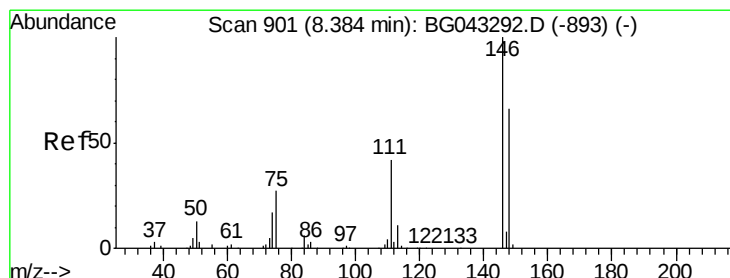
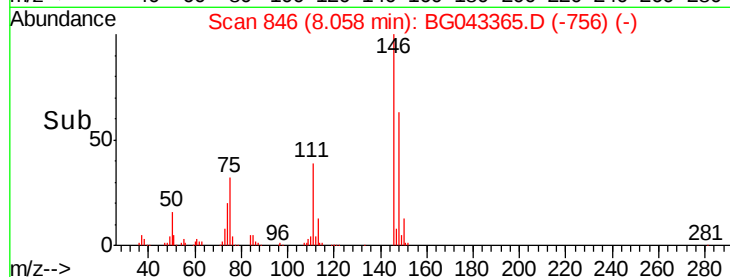
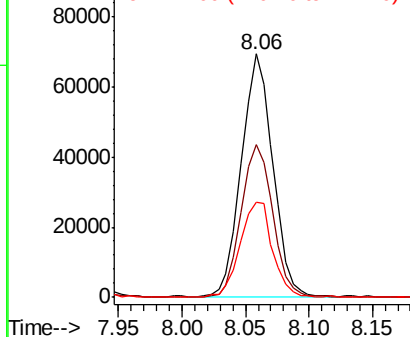
Tot Ion:	146	Resp:	120375
Ion Ratio	Lower	Upper	
146	100		
148	62.9	50.7	76.1
111	38.9	33.0	49.6

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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: 36.228 ng

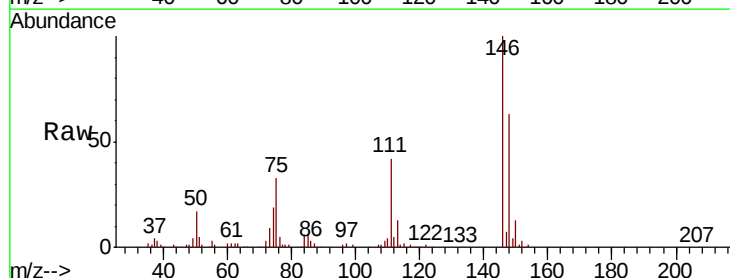
RT: 8.38 min Scan# 901

Delta R.T. -0.00 min

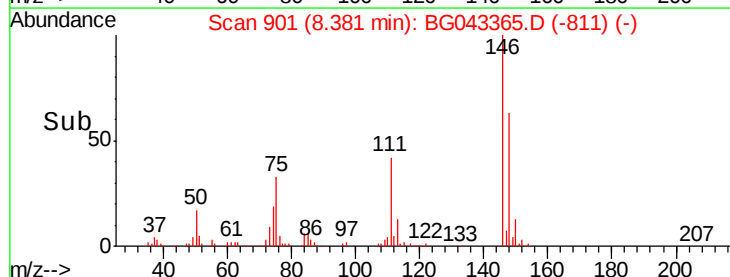
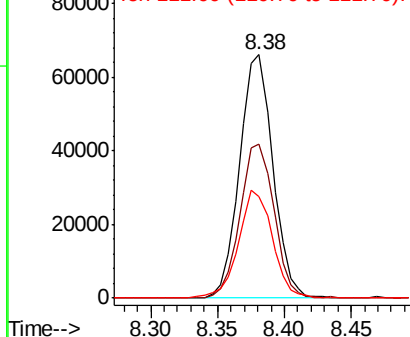
Lab File: BG043365.D

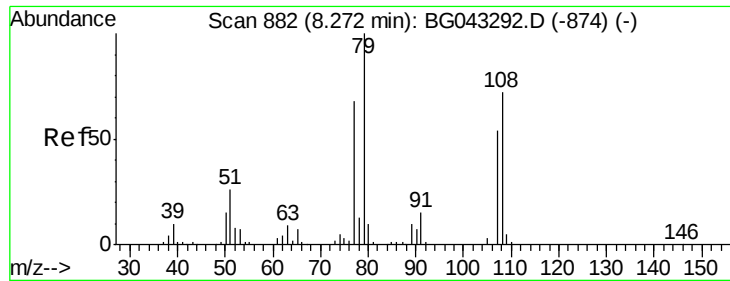
Acq: 29 Oct 2019 00:43

Tgt Ion:	146	Resp:	114510
Ion Ratio	Lower	Upper	
146	100		
148	63.3	53.0	79.4
111	41.8	34.5	51.7



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





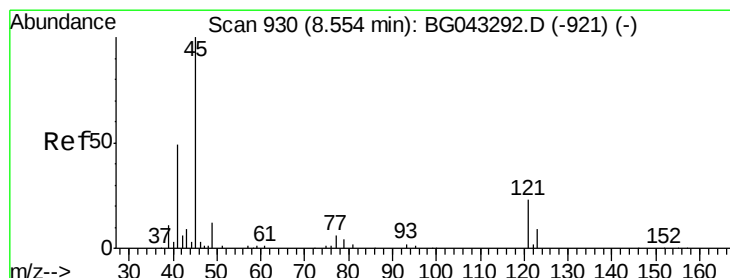
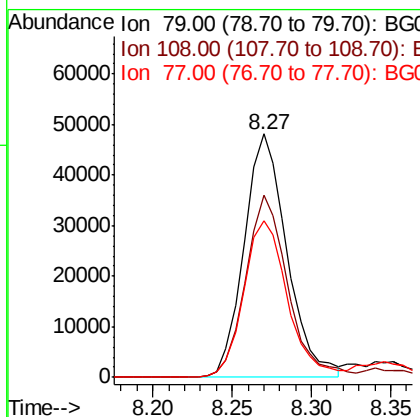
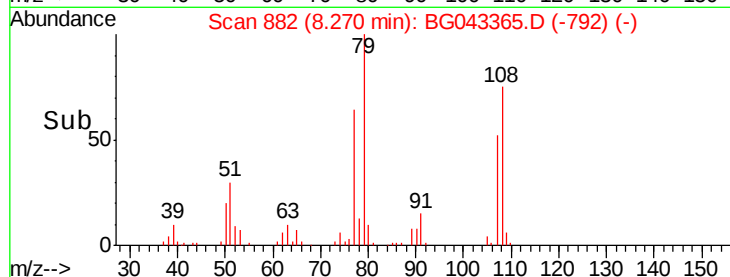
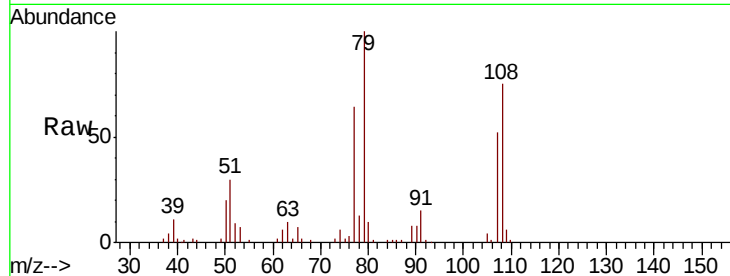
#15
Benzyl Alcohol
Concen: 38.634 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	74.7	57.3	85.9
77	64.3	54.6	81.8

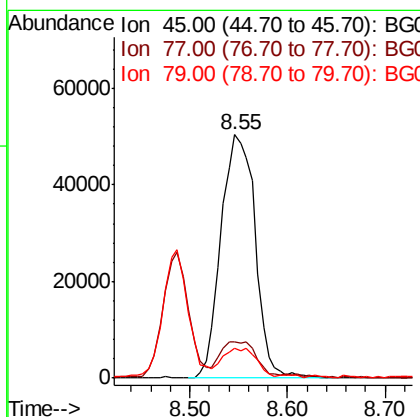
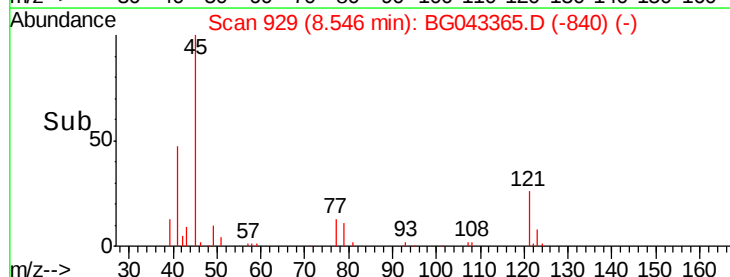
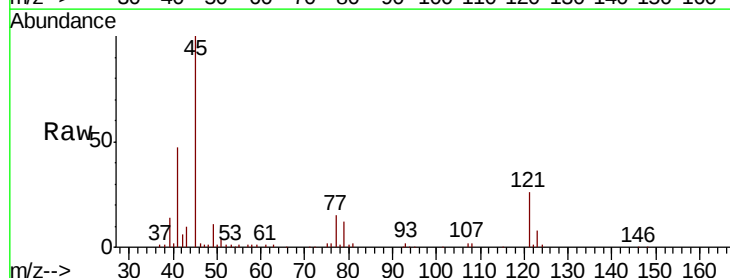
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 35.772 ng
RT: 8.55 min Scan# 929
Delta R.T. -0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
45	100		
77	14.7	0.0	34.2
79	12.1	0.0	32.3





#17

2-Methylphenol

Concen: 41.699 ng

RT: 8.49 min Scan# 919

Delta R.T. 0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

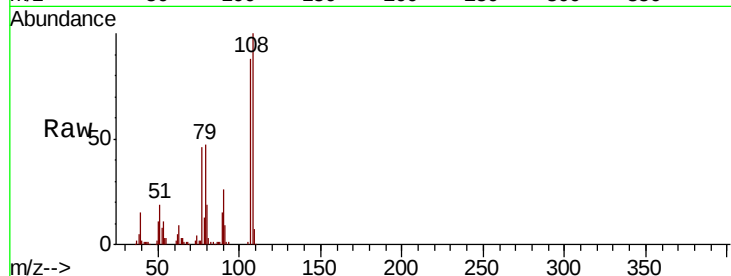
ClientSampleId :

162-36-(0-1)MSD

Tot Ion:	107	Resp:	92458
Ion Ratio	Lower	Upper	
107	100		
108	114.0	91.3	136.9
77	52.4	43.0	64.6
79	53.4	43.4	65.2

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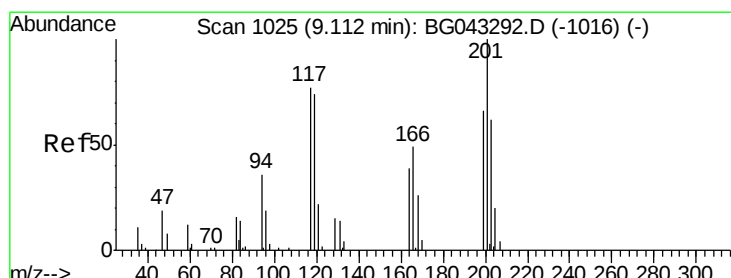
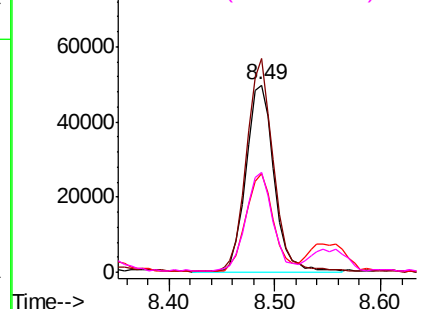
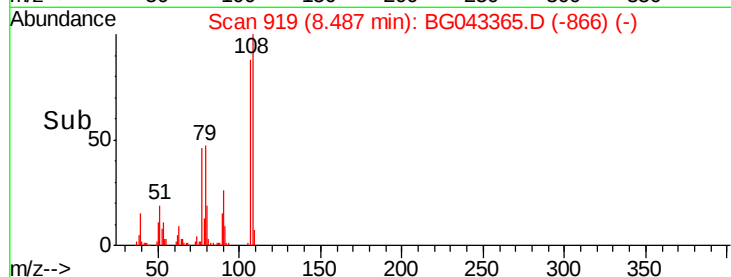
Abundance

Ion 107.00 (106.70 to 107.70): E

Ion 108.00 (107.70 to 108.70): E

Ion 77.00 (76.70 to 77.70): BG

Ion 79.00 (78.70 to 79.70): BG



#18

Hexachloroethane

Concen: 36.374 ng

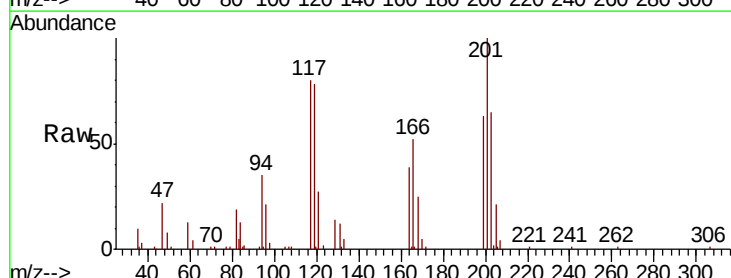
RT: 9.11 min Scan# 1025

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Tgt Ion:	117	Resp:	42483
Ion Ratio	Lower	Upper	
117	100		
119	97.4	77.3	115.9
201	125.2	104.2	156.4

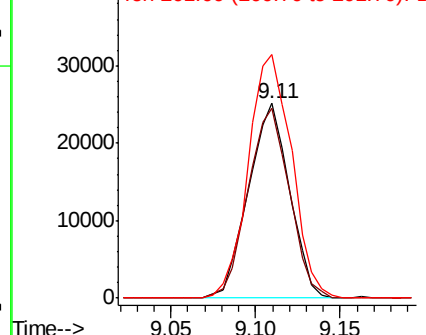
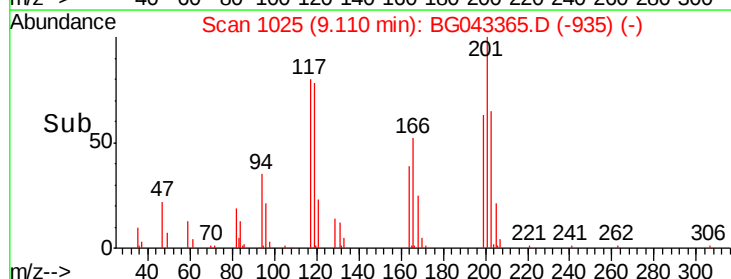


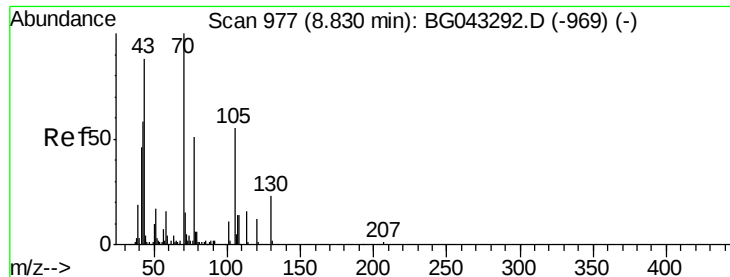
Abundance

Ion 117.00 (116.70 to 117.70): E

Ion 119.00 (118.70 to 119.70): E

Ion 201.00 (200.70 to 201.70): E





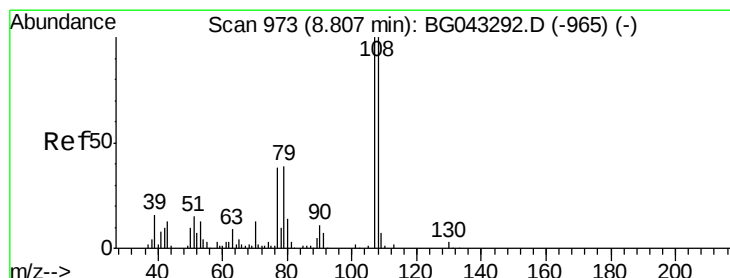
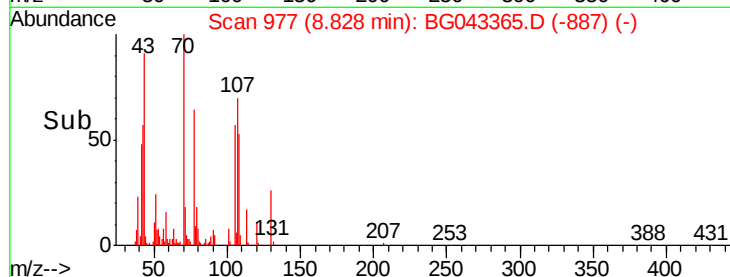
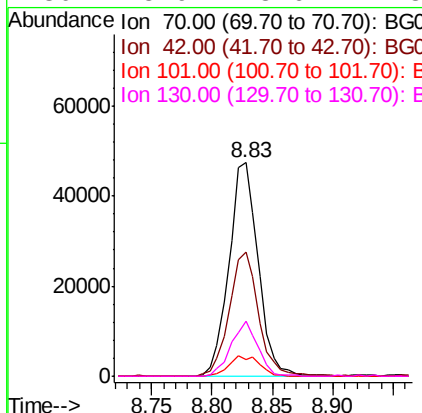
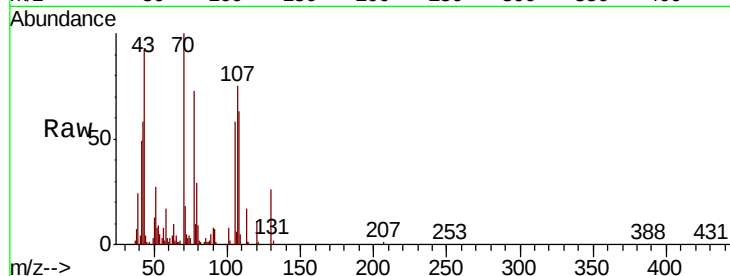
#19
n-Nitroso-di-n-propylamine
Concen: 37.100 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.9	46.2	69.2	
101	7.8	8.6	13.0	
130	25.9	18.6	27.8	

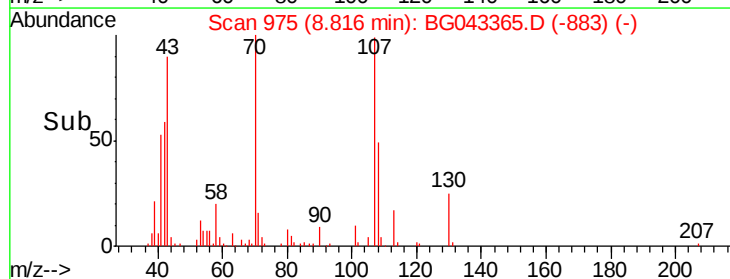
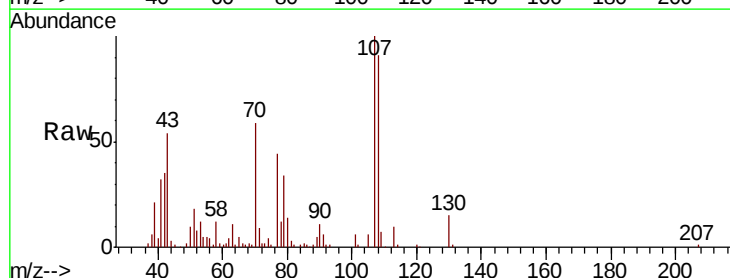
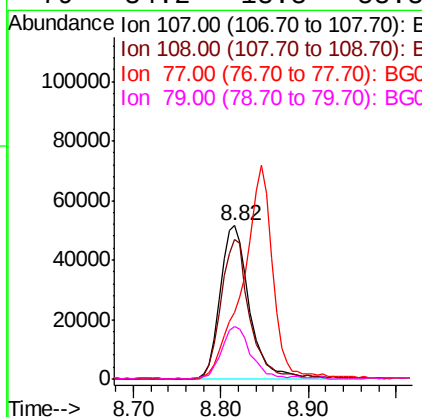
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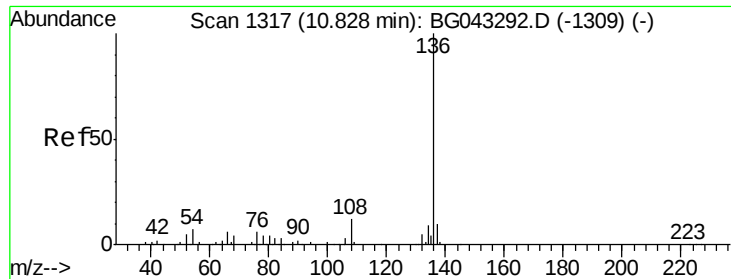
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#20
3+4-Methylphenols
Concen: 39.327 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	90.8	80.3	120.3	
77	43.7	18.2	58.2	
79	34.2	18.8	58.8	





#21

Naphthalene-d8

Concen: 20.000 ng

RT: 10.83 min Scan# 1317

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

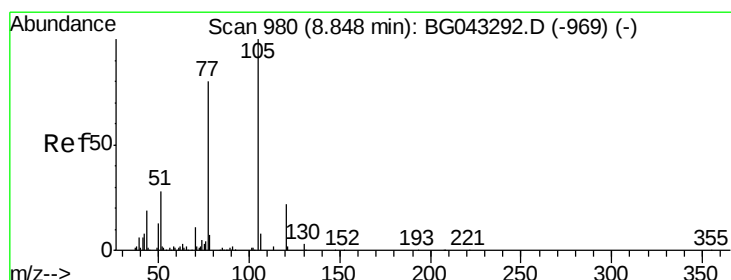
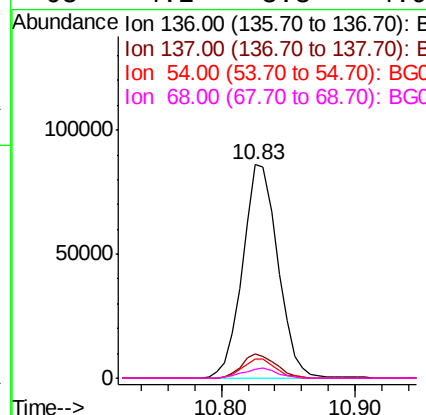
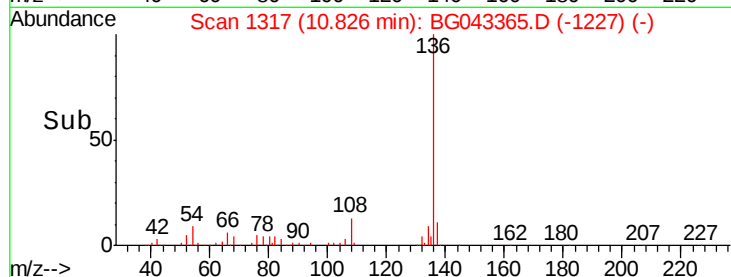
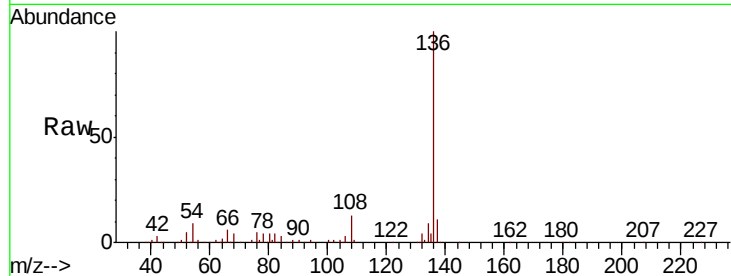
ClientSampleId :

162-36-(0-1)MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	157287		
137	11.5	8.2	12.2	
54	8.8	5.4	8.2#	
68	4.2	3.3	4.9	

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#22

Acetophenone

Concen: 39.326 ng

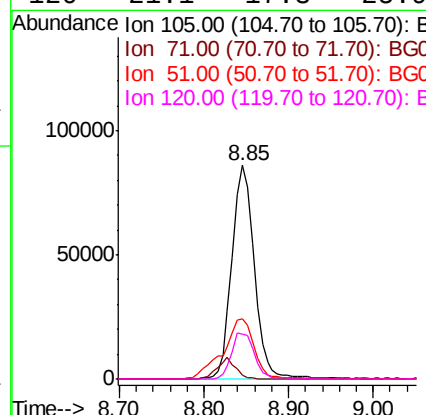
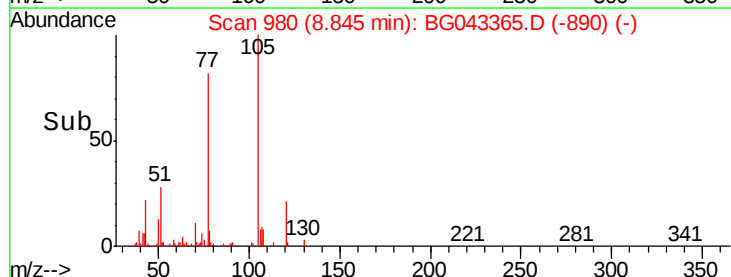
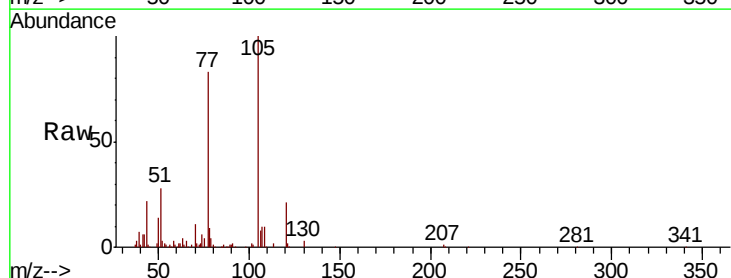
RT: 8.85 min Scan# 980

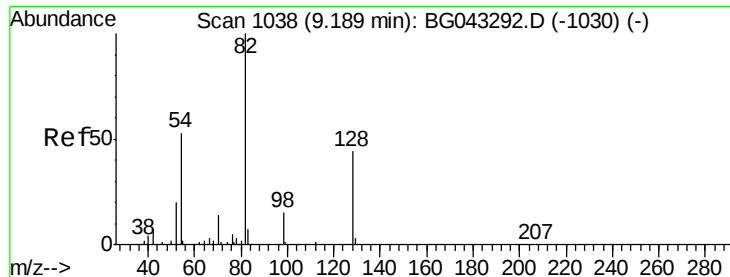
Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	158403		
71	1.9	1.5	2.3	
51	28.4	23.9	35.9	
120	21.1	17.3	25.9	





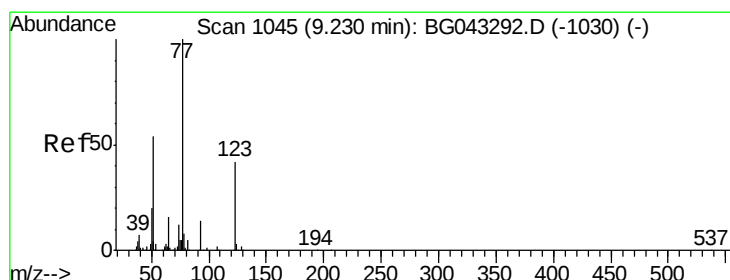
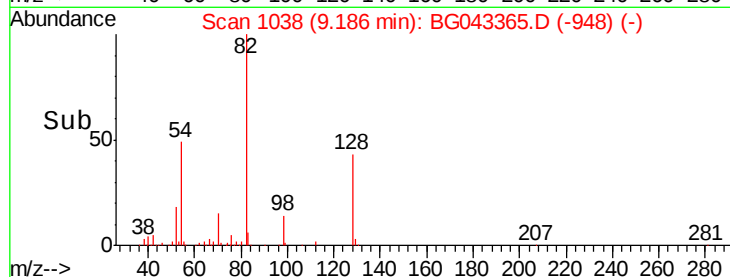
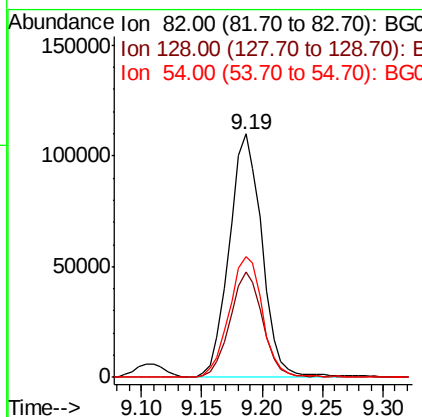
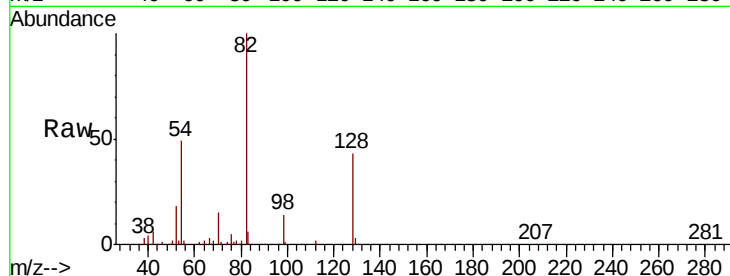
#23
 Nitrobenzene-d5
 Concen: 67.787 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.0	35.3	52.9
54	49.3	42.3	63.5

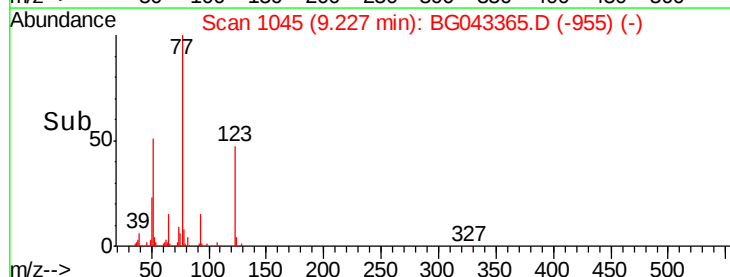
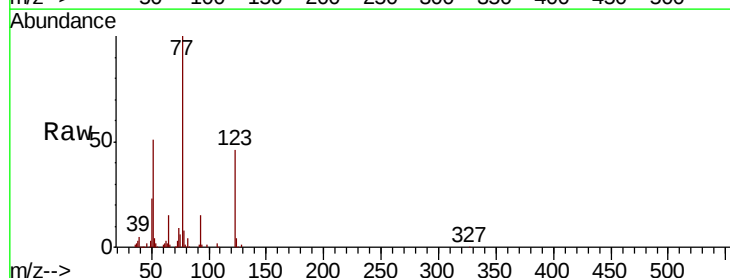
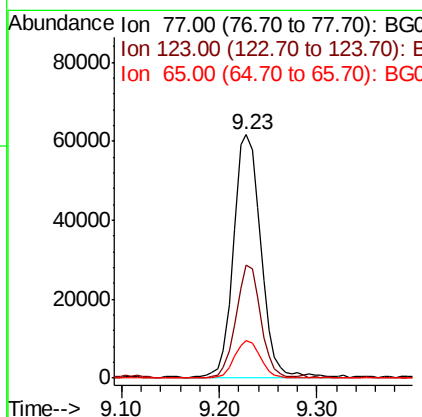
Manual Integrations
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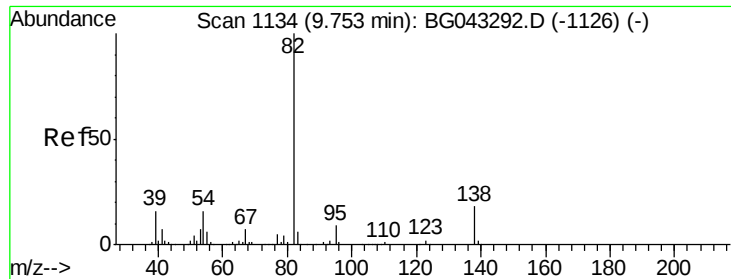
mohammad
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#24
 Nitrobenzene
 Concen: 40.938 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
77	100		
123	46.5	33.8	50.8
65	15.3	13.0	19.4





#25

Isophorone

Concen: 40.850 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

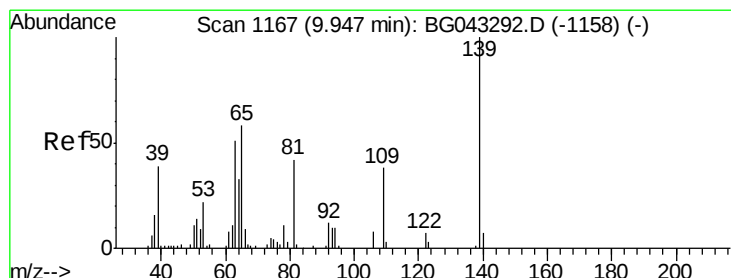
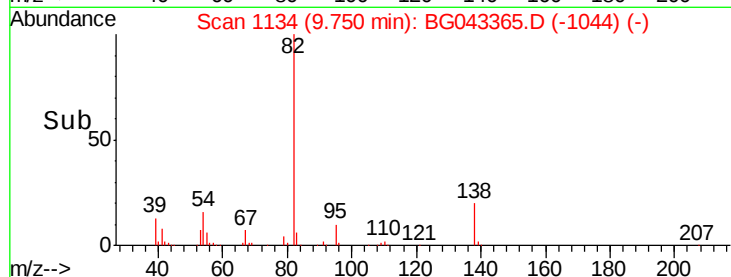
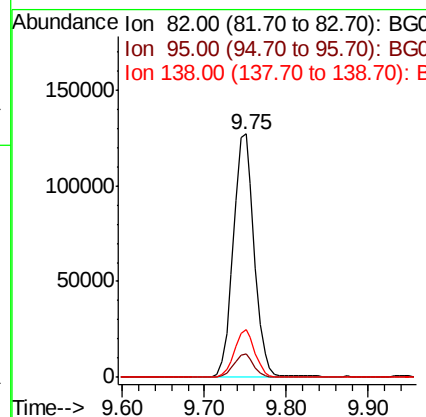
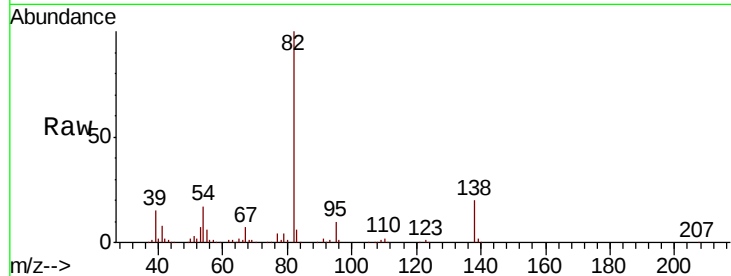
ClientSampleId :

162-36-(0-1)MSD

Tot Ion:	82	Resp:	227854
Ion Ratio	Lower	Upper	
82	100		
95	9.6	6.9	10.3
138	19.8	14.2	21.2

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#26

2-Nitrophenol

Concen: 44.358 ng

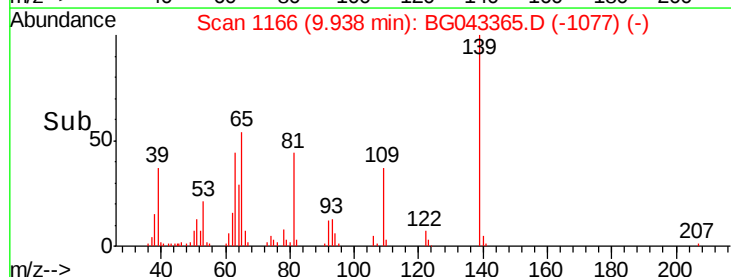
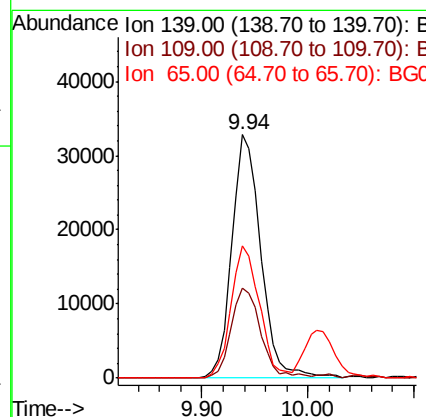
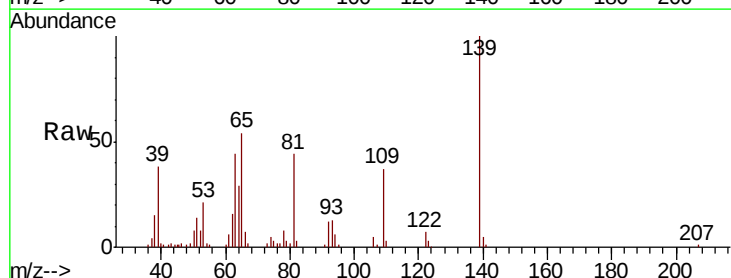
RT: 9.94 min Scan# 1166

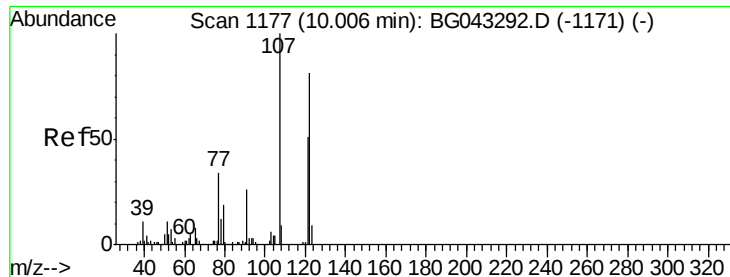
Delta R.T. -0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Tgt Ion:	139	Resp:	62239
Ion Ratio	Lower	Upper	
139	100		
109	36.7	30.1	45.1
65	54.2	46.1	69.1





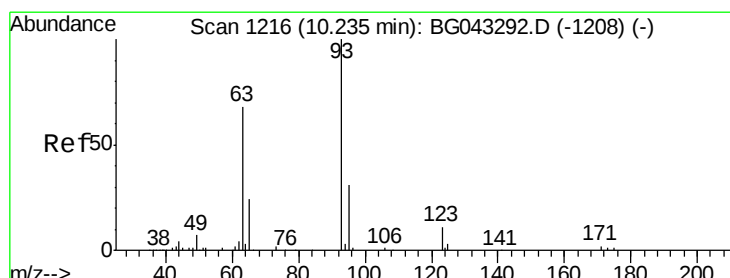
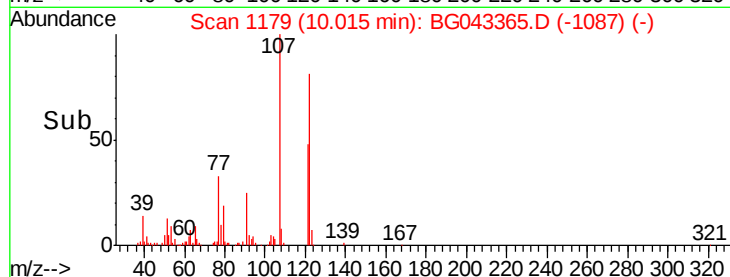
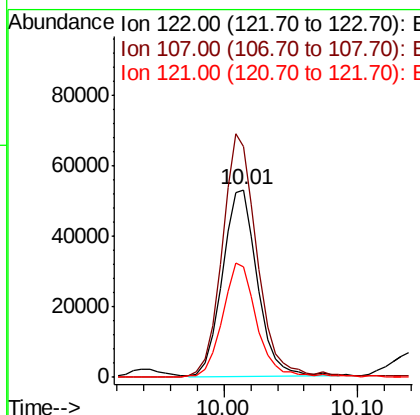
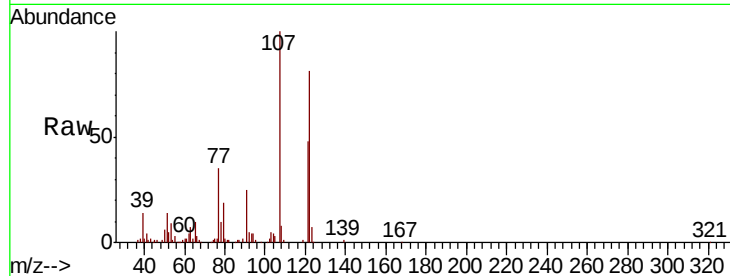
#27
2,4-Dimethylphenol
Concen: 48.199 ng
RT: 10.01 min Scan# 1179
Delta R.T. 0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.2	98.6	147.8
121	58.8	50.1	75.1

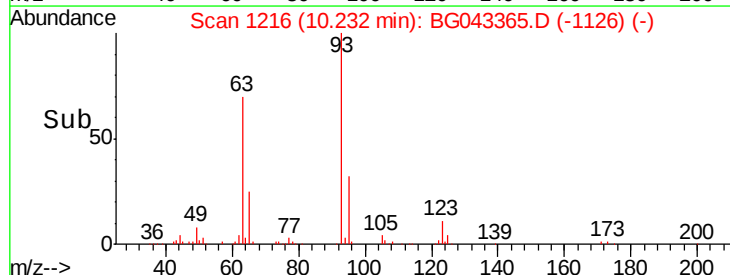
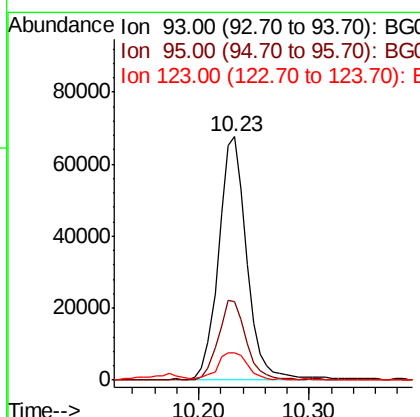
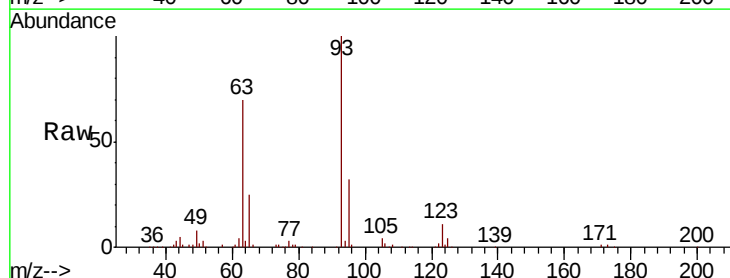
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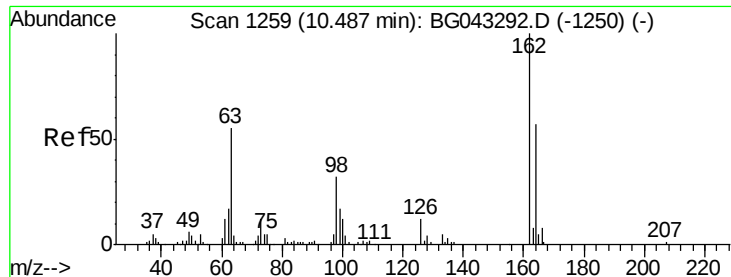
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 39.044 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.1	24.9	37.3
123	11.4	8.9	13.3





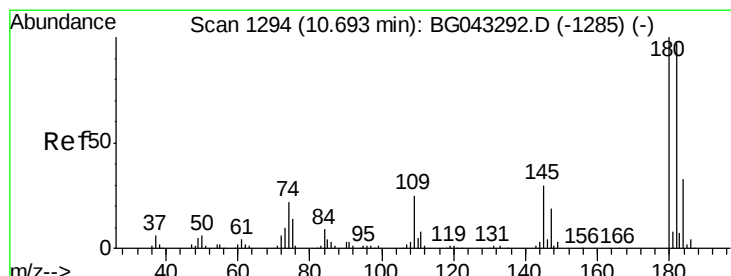
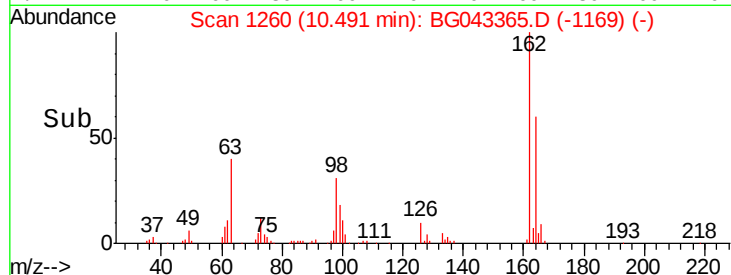
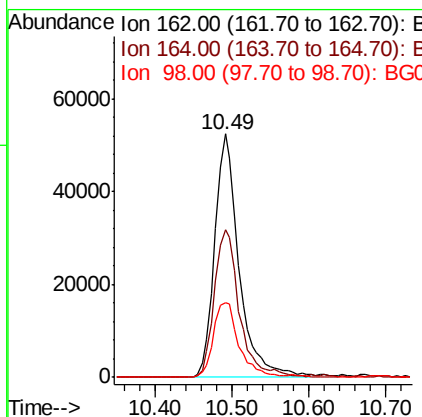
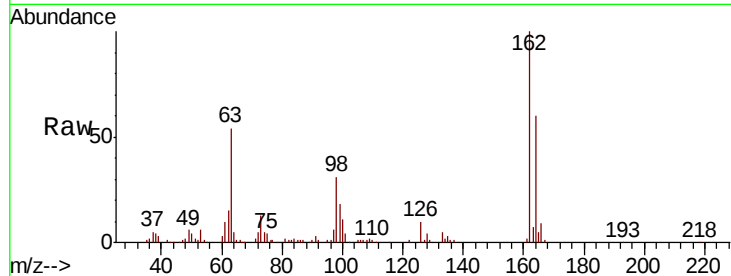
#29
 2,4-Dichlorophenol
 Concen: 44.609 ng
 RT: 10.49 min Scan# 1260
 Delta R.T. 0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
164	60.5	37.3	77.3
98	30.9	11.8	51.8

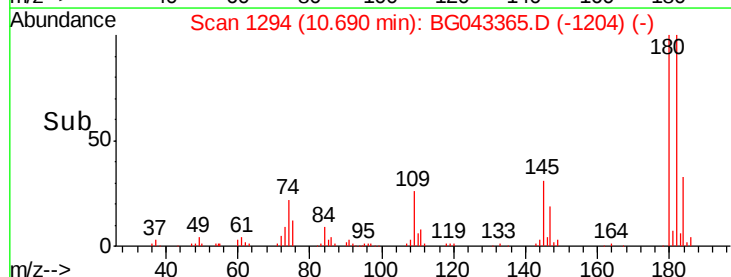
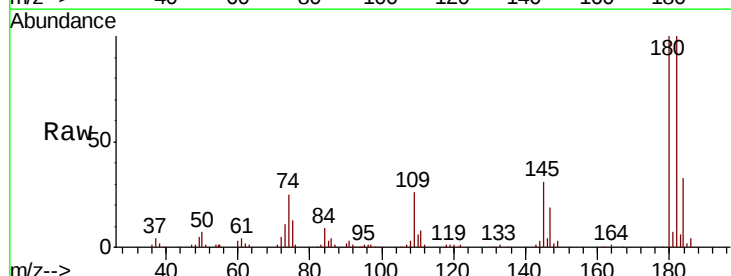
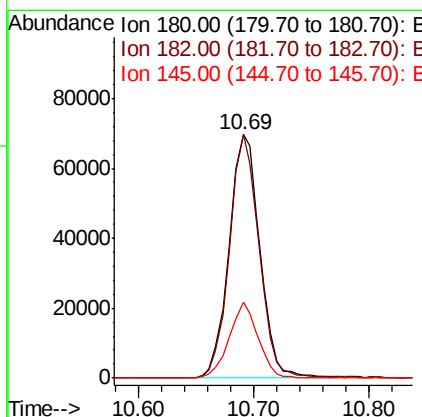
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#30
 1,2,4-Trichlorobenzene
 Concen: 39.638 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
180	100		
182	99.8	77.8	116.8
145	31.4	23.6	35.4





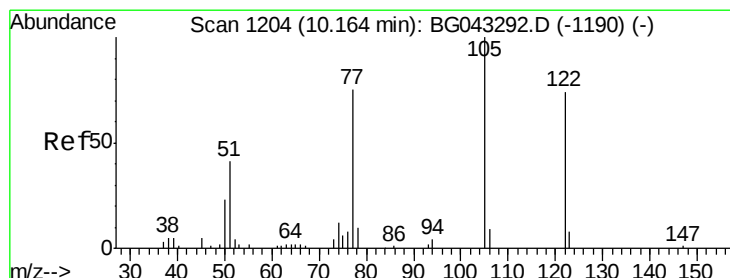
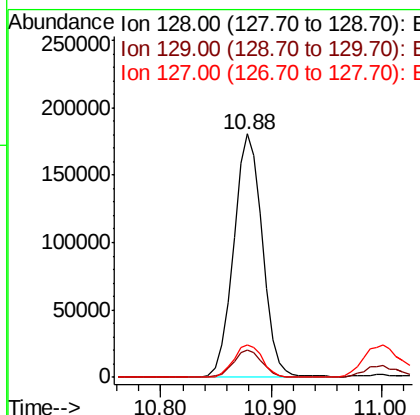
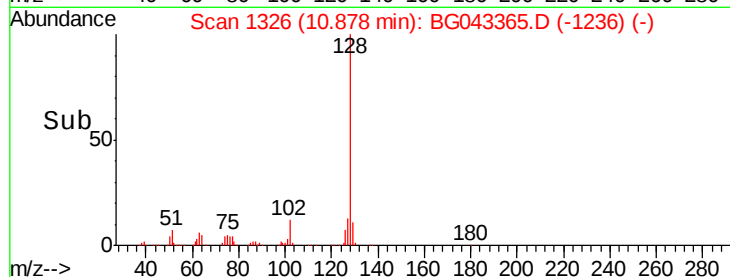
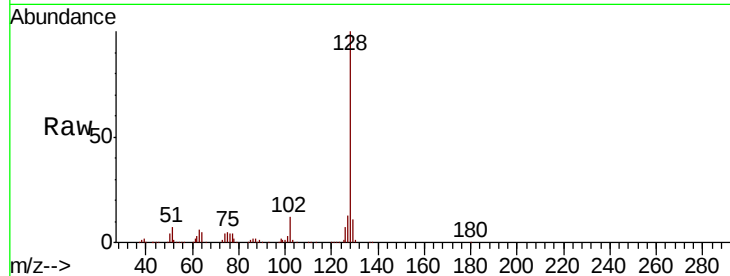
#31
Naphthalene
Concen: 41.363 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	13.2	11.5	17.3

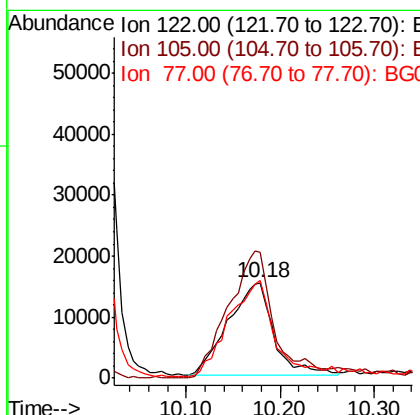
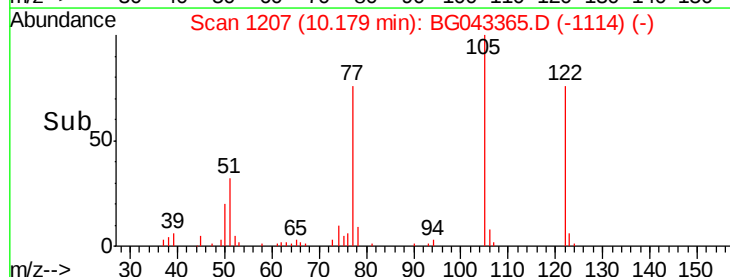
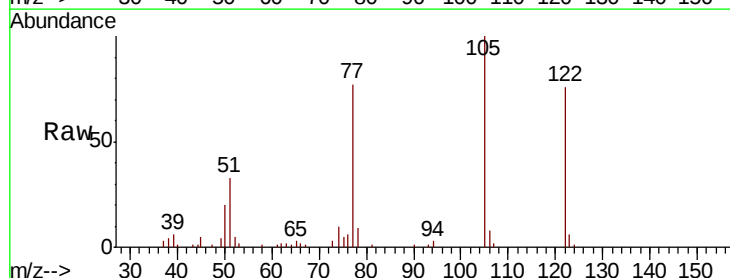
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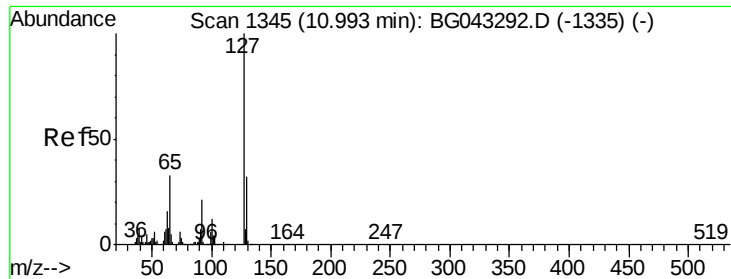
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#32
Benzoic acid
Concen: 36.079 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.02 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
122	100		
105	131.9	112.4	152.4
77	102.0	82.7	122.7





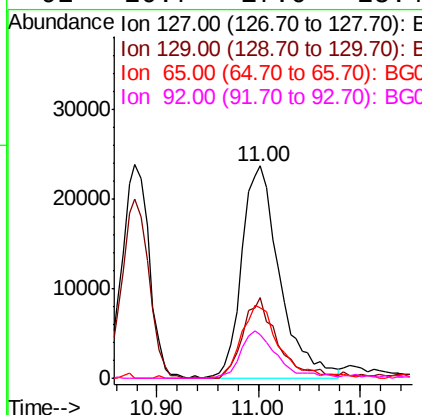
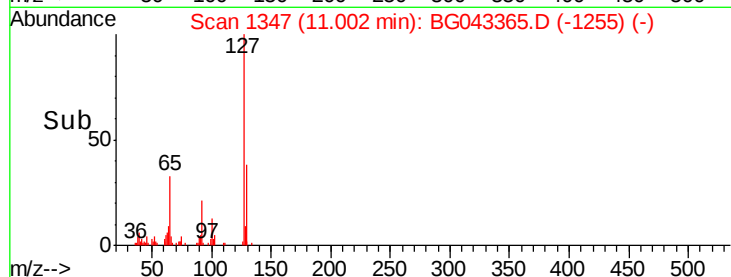
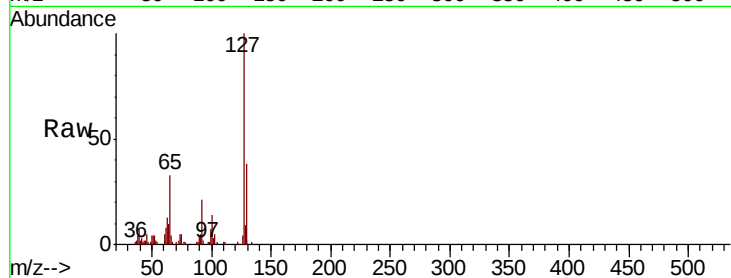
#33
4-Chloroaniline
Concen: 18.878 ng
RT: 11.00 min Scan# 1347
Delta R.T. 0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	38.2	25.8	38.8
65	33.5	26.2	39.2
92	20.7	17.0	25.4

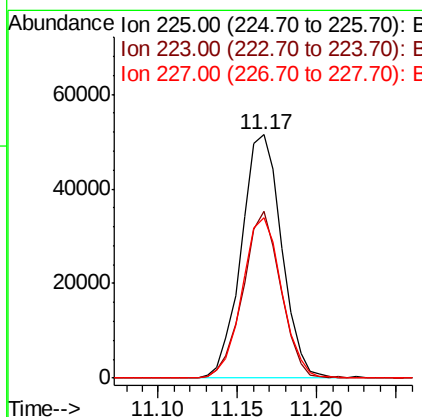
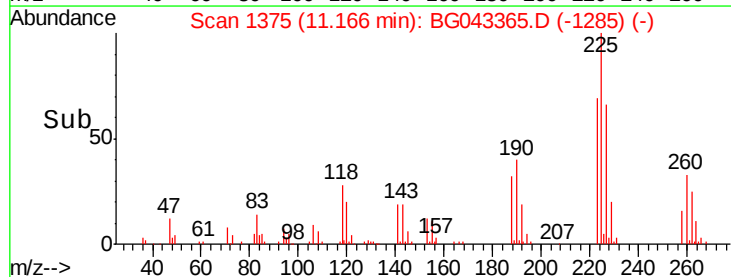
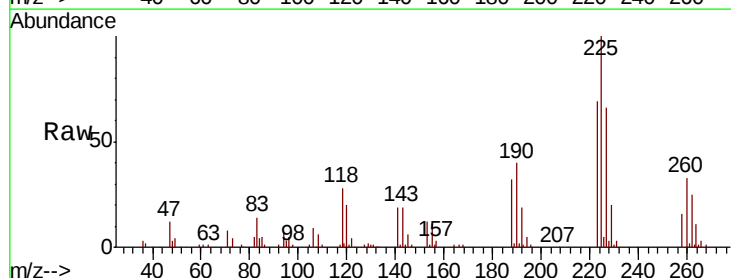
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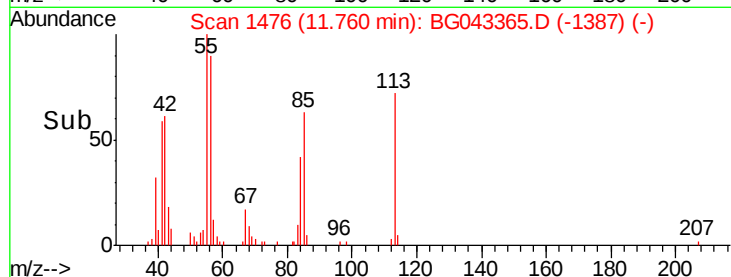
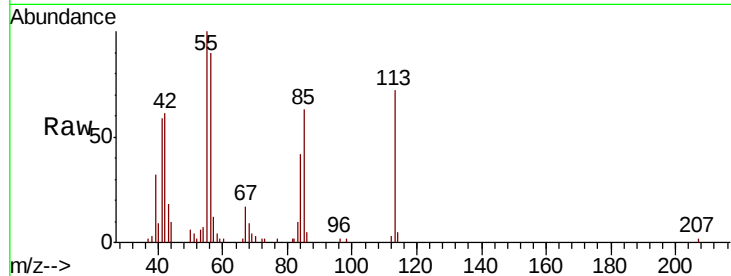
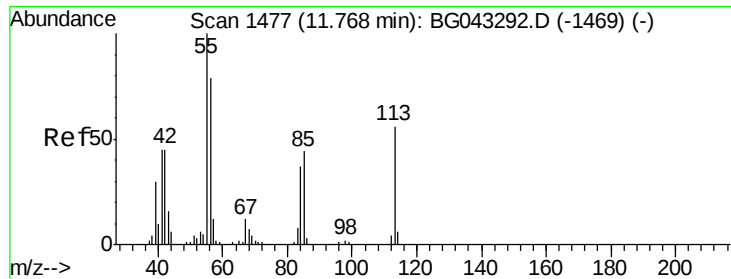
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#34
Hexachlorobutadiene
Concen: 37.810 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
225	100		
223	68.7	53.2	79.8
227	66.0	56.2	84.2





#35

Caprolactam

Concen: 40.420 ng/mL

RT: 11.76 min Scan# 1476

Delta R.T. -0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

ClientSampleId :

162-36-(0-1)MSD

Tot Ion:113 Resp: 35870

Ion Ratio Lower Upper

113 100

55 138.0 158.9 198.9#

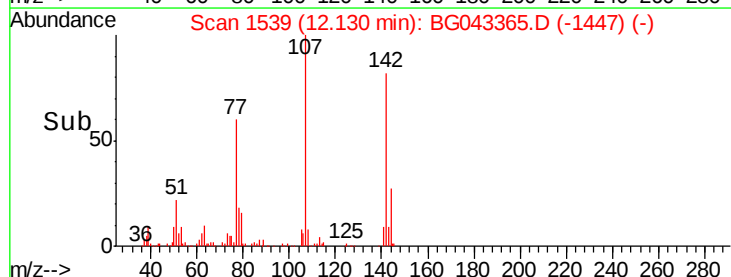
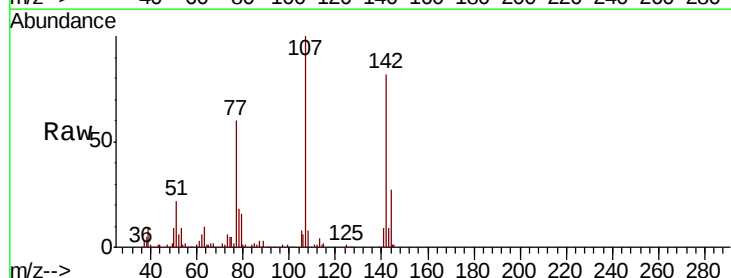
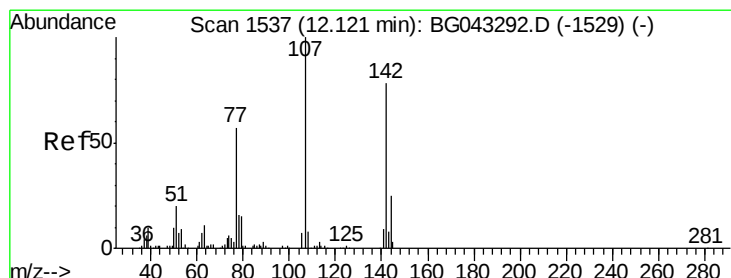
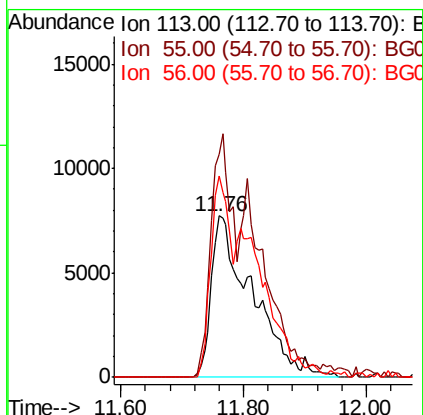
56 124.6 121.4 161.4

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#36

4-Chloro-3-methylphenol

Concen: 43.855 ng/mL

RT: 12.13 min Scan# 1539

Delta R.T. 0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

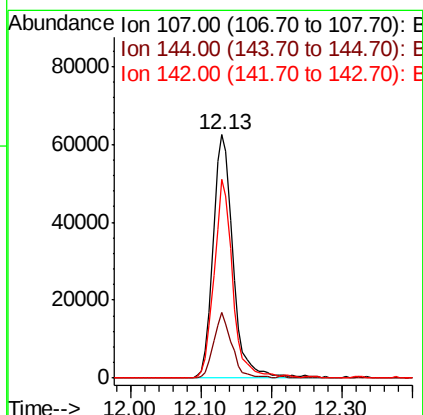
Tgt Ion:107 Resp: 123260

Ion Ratio Lower Upper

107 100

144 27.0 19.9 29.9

142 81.5 62.1 93.1





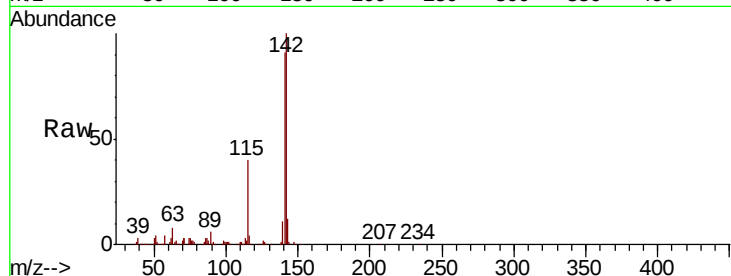
#37
 2-Methylnaphthalene
 Concen: 40.972 ng
 RT: 12.48 min Scan# 1599
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.4	69.7	104.5
115	40.0	30.6	46.0

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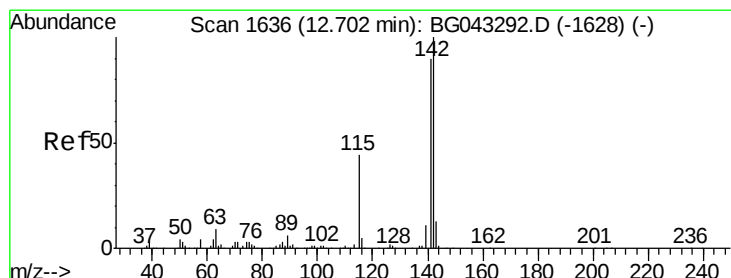
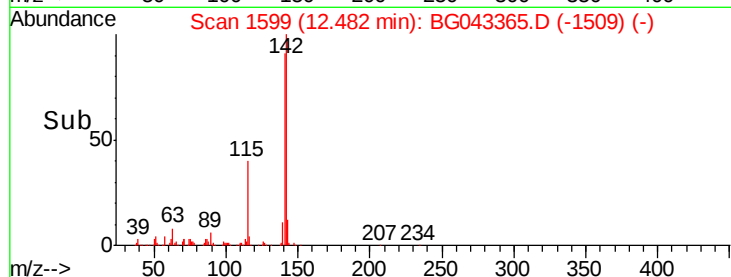
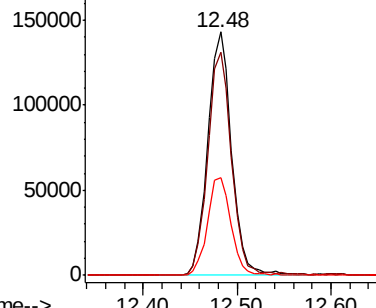


Abundance

Ion 142.00 (141.70 to 142.70): E

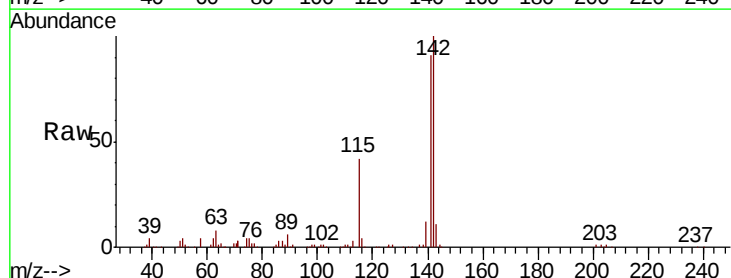
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
 1-Methylnaphthalene
 Concen: 41.285 ng
 RT: 12.70 min Scan# 1636
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.1	72.3	108.5
116	3.9	3.8	5.6

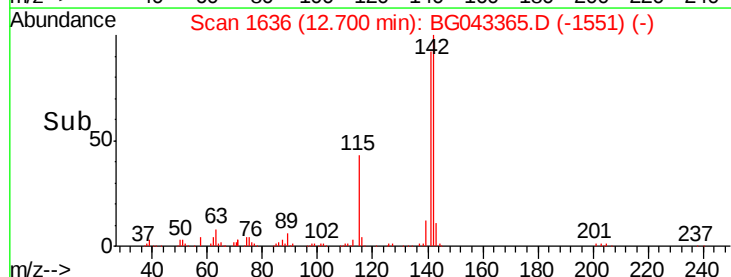
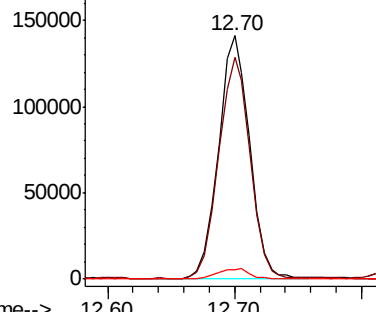


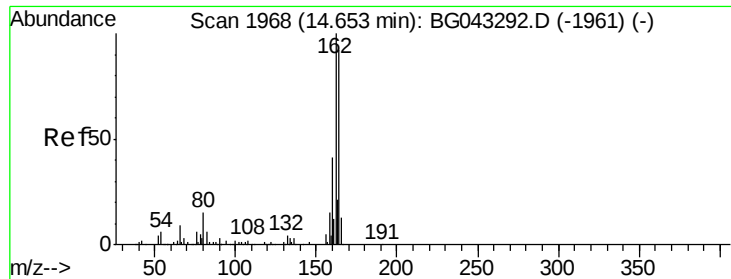
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





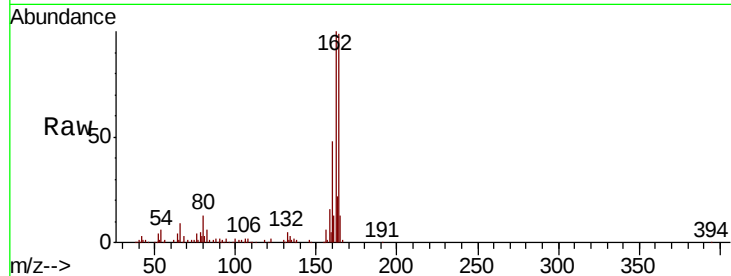
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	101.4	87.0	130.4
160	48.3	35.5	53.3

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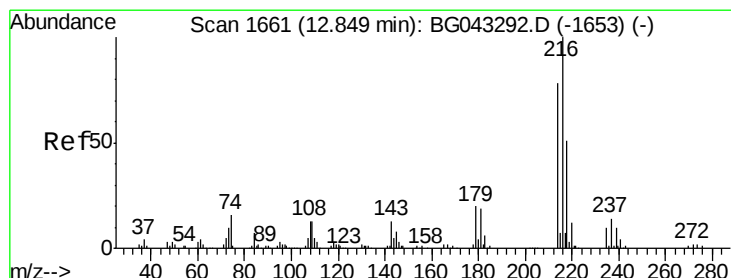
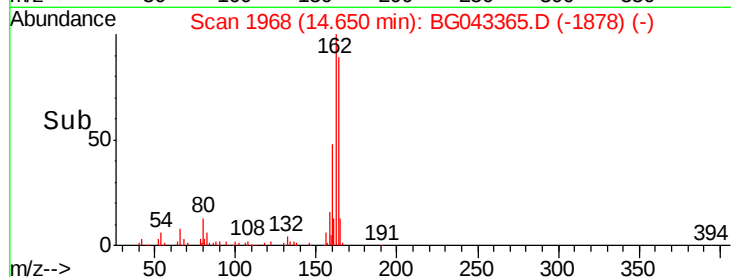
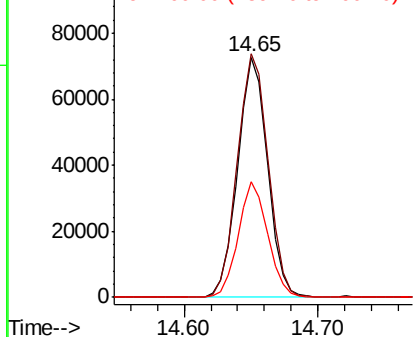


Abundance

Ion 164.00 (163.70 to 164.70): E

Ion 162.00 (161.70 to 162.70): E

Ion 160.00 (159.70 to 160.70): E



#40
1,2,4,5-Tetrachlorobenzene
Concen: 40.279 ng
RT: 12.85 min Scan# 1662
Delta R.T. 0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.3	63.5	95.3
179	19.3	16.2	24.2
108	16.4	11.2	16.8

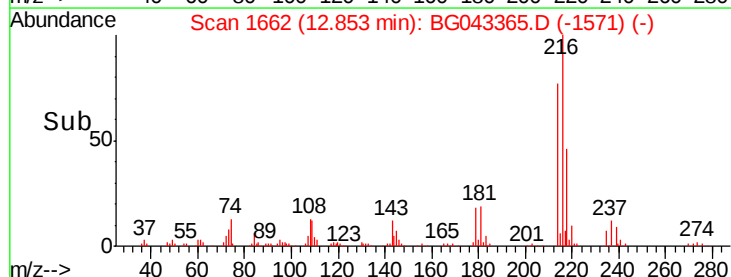
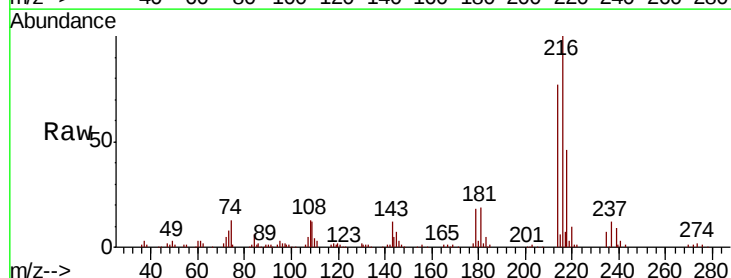
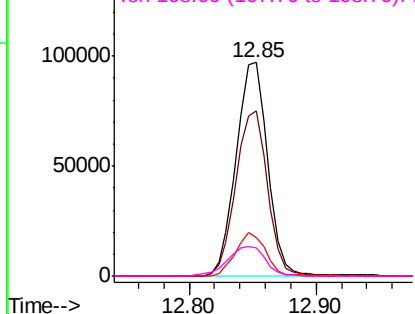
Abundance

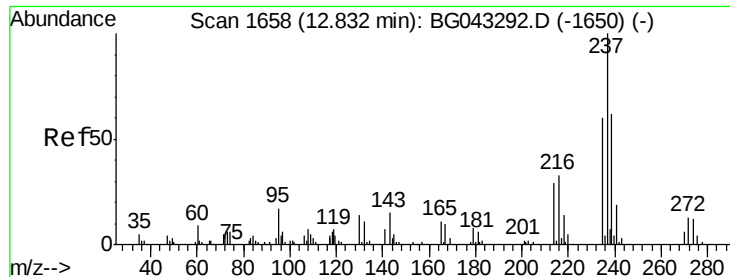
Ion 216.00 (215.70 to 216.70): E

Ion 214.00 (213.70 to 214.70): E

Ion 179.00 (178.70 to 179.70): E

Ion 108.00 (107.70 to 108.70): E





#41

Hexachlorocyclopentadiene

Concen: 89.399 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

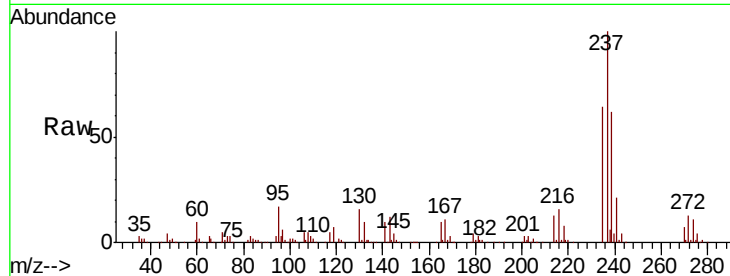
ClientSampleId :

162-36-(0-1)MSD

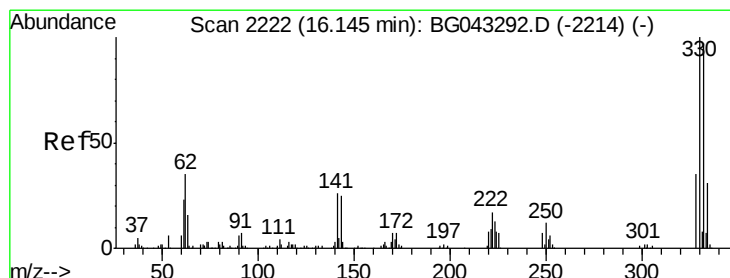
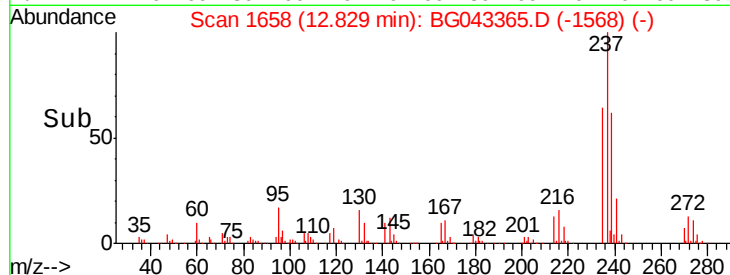
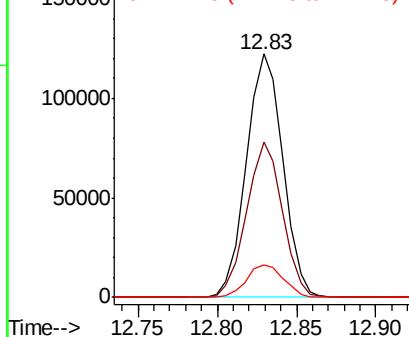
Tot Ion:	237	Resp:	195780
Ion Ratio	Lower	Upper	
237	100		
235	63.6	40.3	80.3
272	13.5	0.0	32.9

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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: 100.322 ng

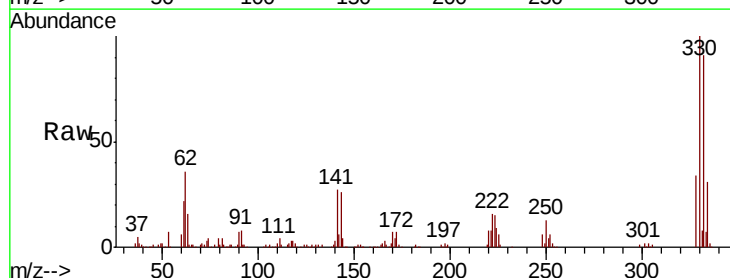
RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

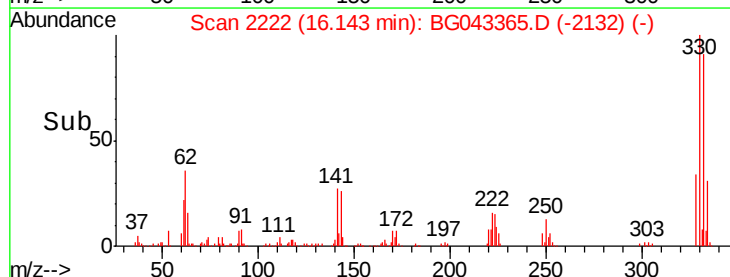
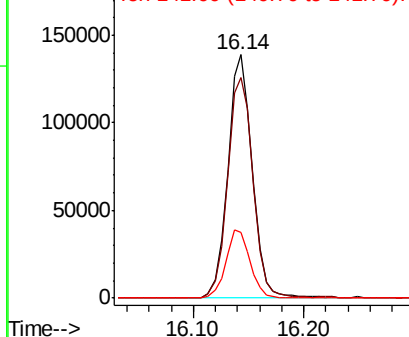
Lab File: BG043365.D

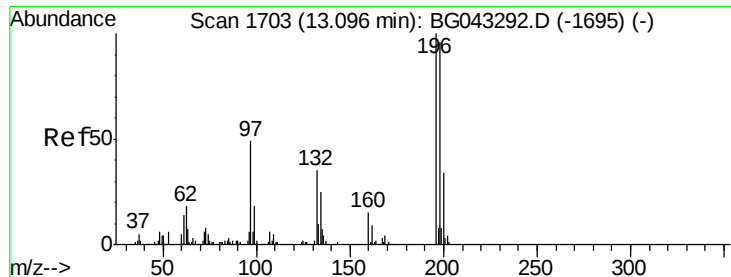
Acq: 29 Oct 2019 00:43

Tgt Ion:	330	Resp:	215059
Ion Ratio	Lower	Upper	
330	100		
332	94.5	76.4	114.6
141	27.6	21.4	32.0



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





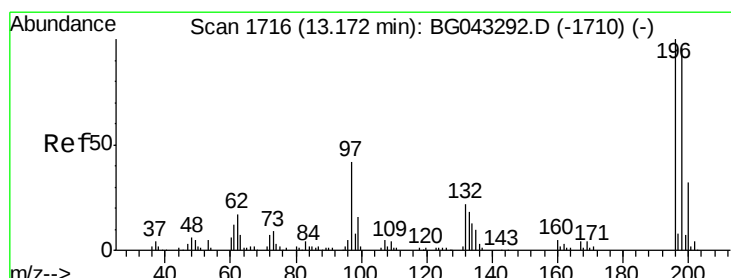
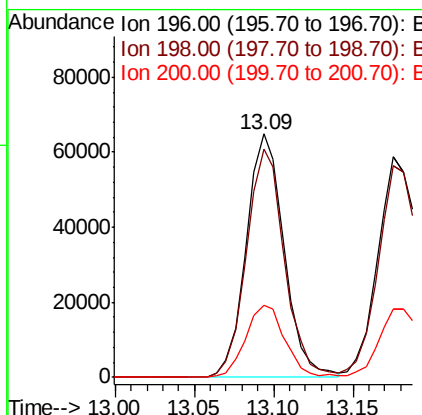
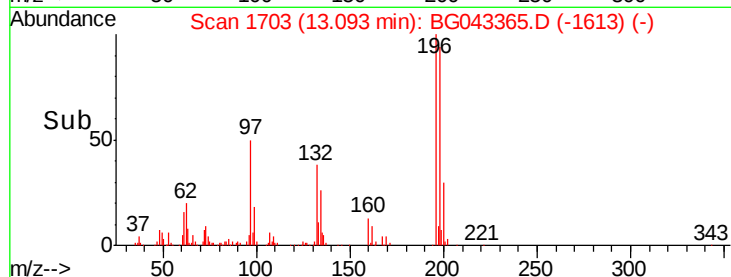
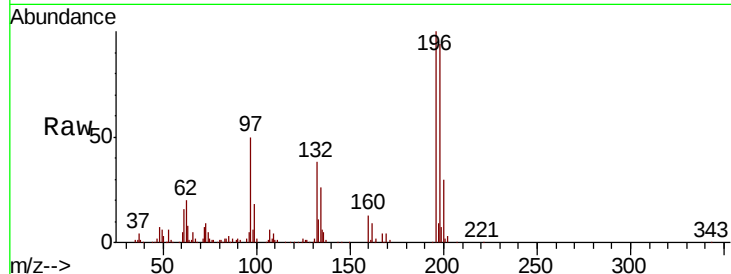
#43
 2,4,6-Trichlorophenol
 Concen: 43.800 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 162-36-(0-1)MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	107535		
198	93.7	77.0	115.4	
200	29.6	27.4	41.2	

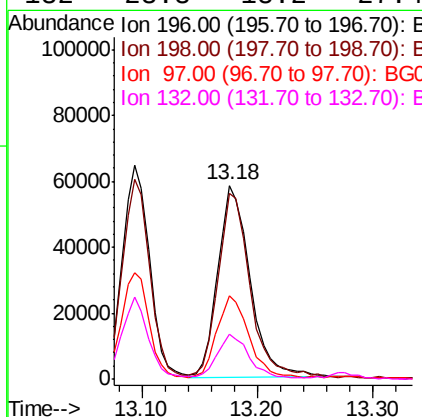
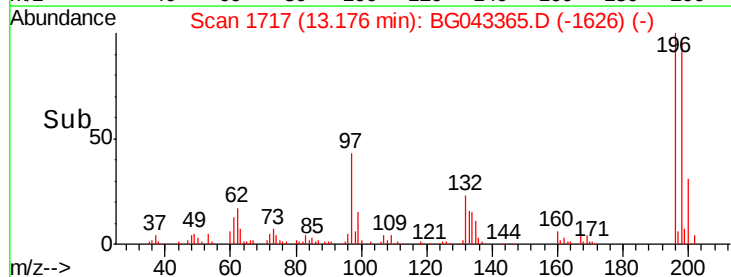
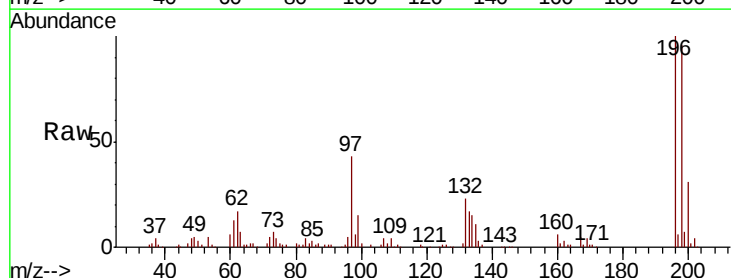
Manual Integrations
 APPROVED

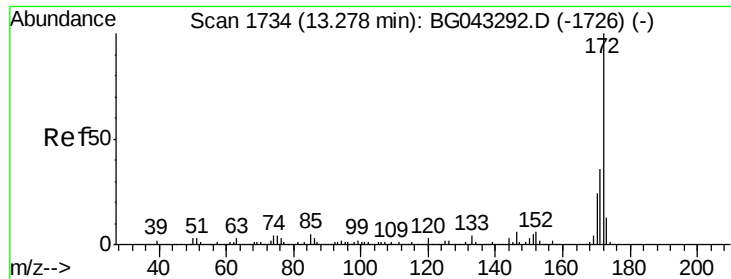
mohammad
 10/29/2019 3:34:45 PM



#44
 2,4,5-Trichlorophenol
 Concen: 46.033 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	114257		
198	95.7	76.6	114.8	
97	42.7	34.1	51.1	
132	23.3	18.2	27.4	





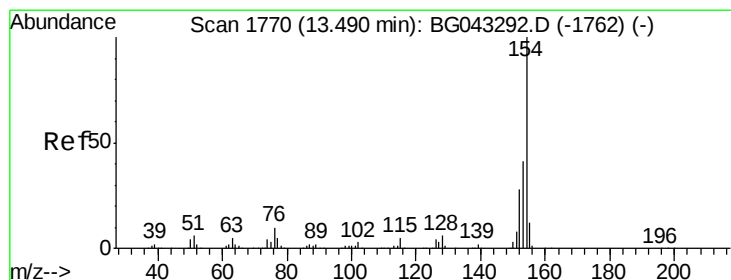
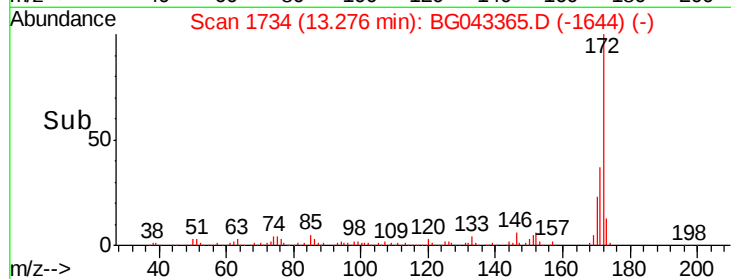
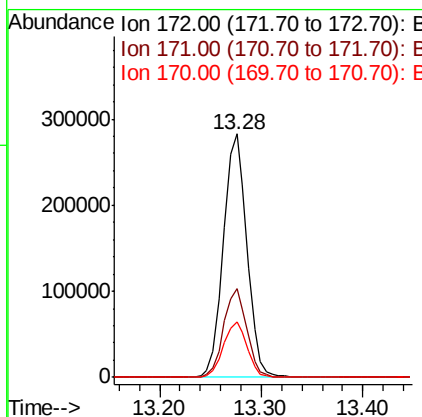
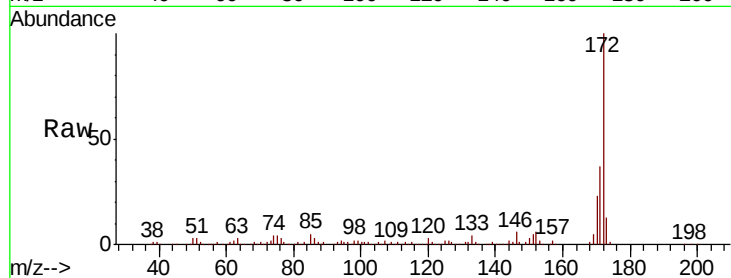
#45
 2-Fluorobiphenyl
 Concen: 55.819 ng
 RT: 13.28 min Scan# 1734
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 162-36-(0-1)MSD

Tot Ion:172	Resp:	455049
Ion Ratio	Lower	Upper
172	100	
171	36.6	28.5 42.7
170	22.6	18.8 28.2

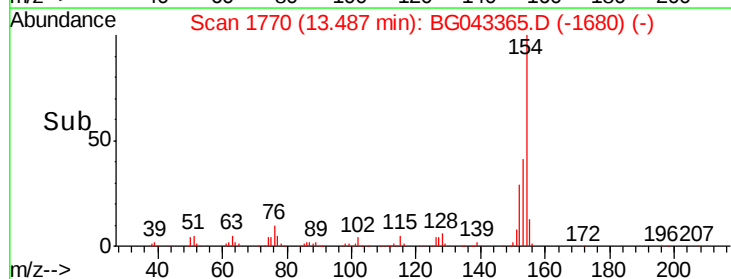
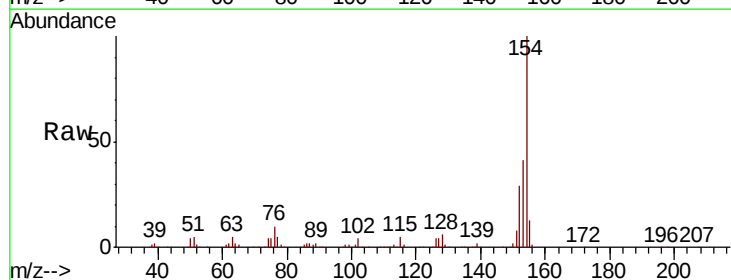
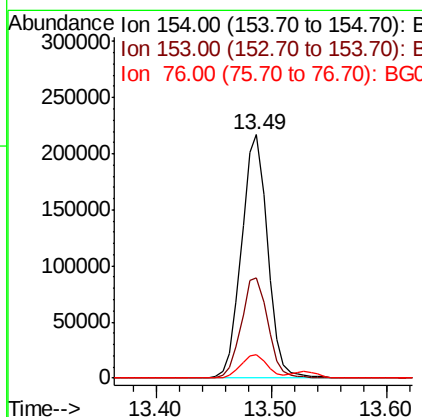
Manual Integrations
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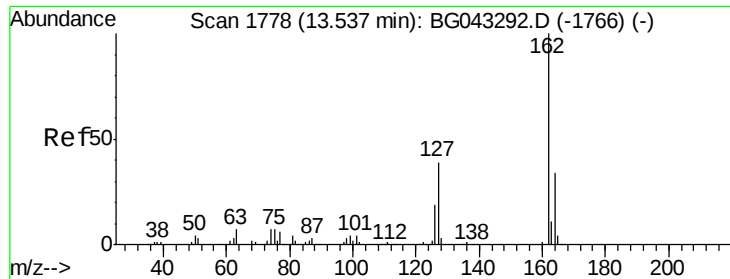
mohammad
 10/29/2019 3:34:45 PM



#46
 1,1'-Biphenyl
 Concen: 39.779 ng
 RT: 13.49 min Scan# 1770
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Tgt Ion:154	Resp:	340891
Ion Ratio	Lower	Upper
154	100	
153	41.1	21.0 61.0
76	9.8	0.0 29.8





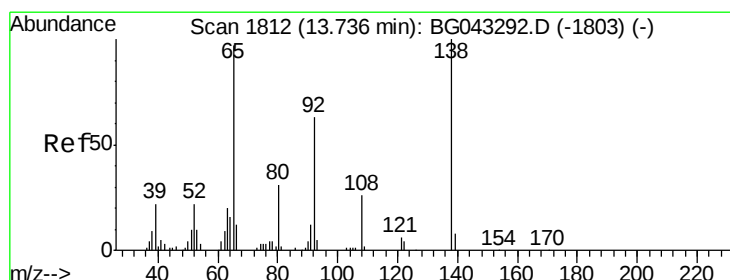
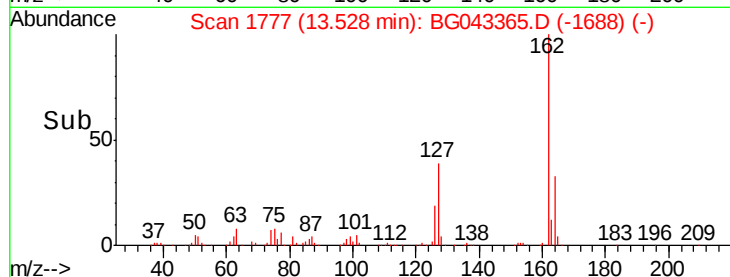
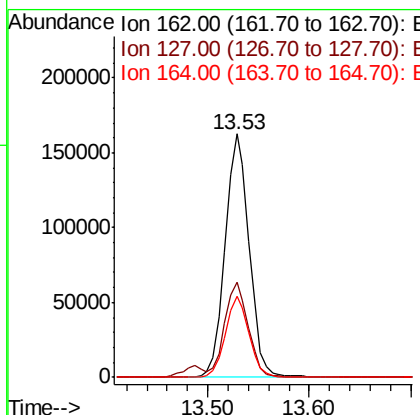
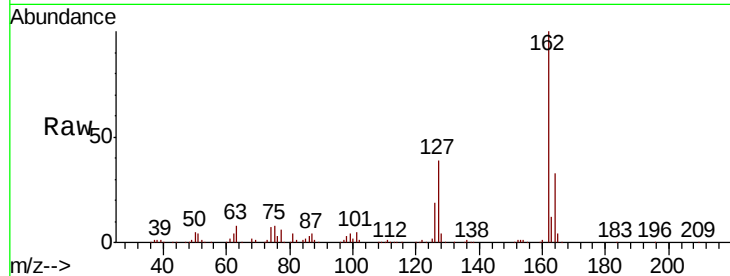
#47
2-Chloronaphthalene
Concen: 41.028 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.3	31.3	46.9
164	33.4	26.8	40.2

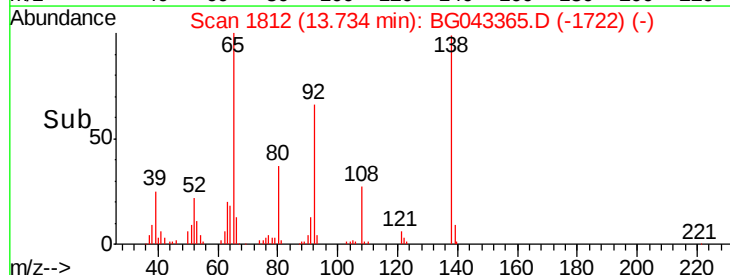
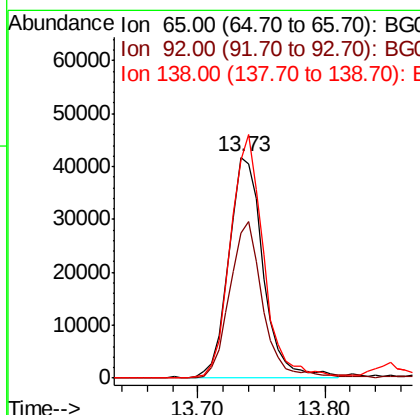
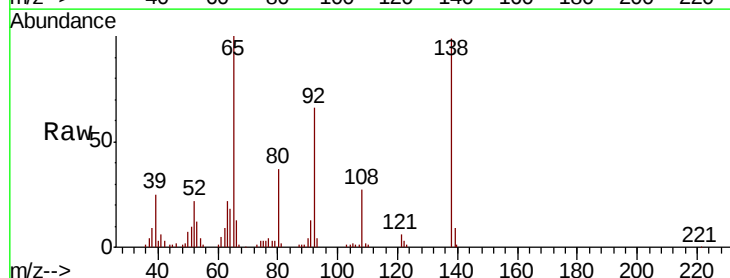
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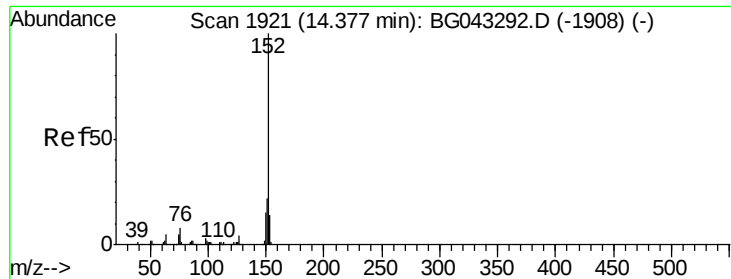
mohammad
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#48
2-Nitroaniline
Concen: 40.266 ng
RT: 13.73 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
65	100		
92	65.9	52.6	79.0
138	98.8	82.9	124.3





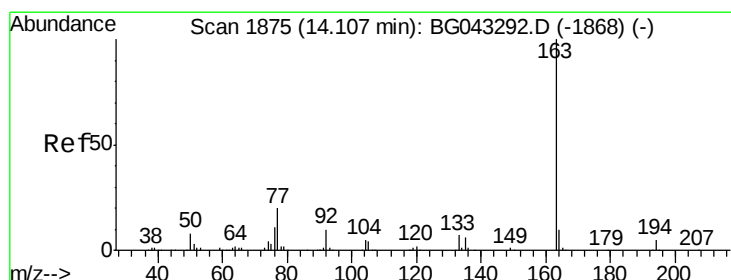
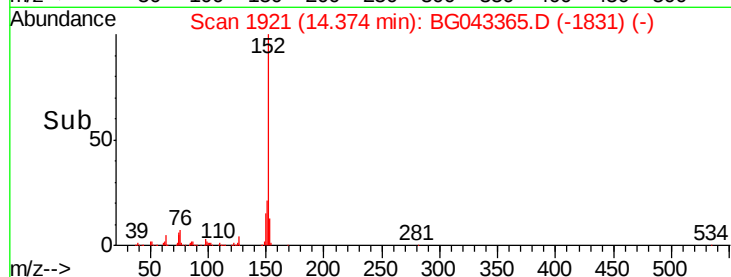
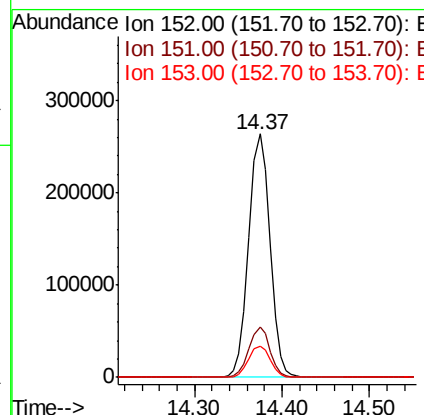
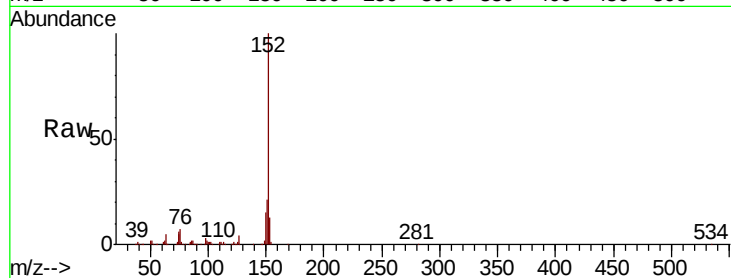
#49
Acenaphthylene
Concen: 42.690 ng
RT: 14.37 min Scan# 1921
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.9	17.2	25.8
153	13.0	11.0	16.6

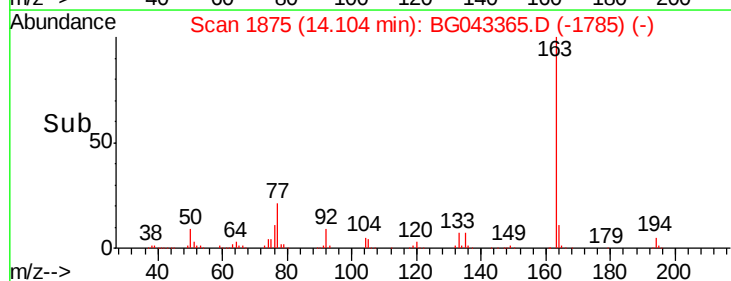
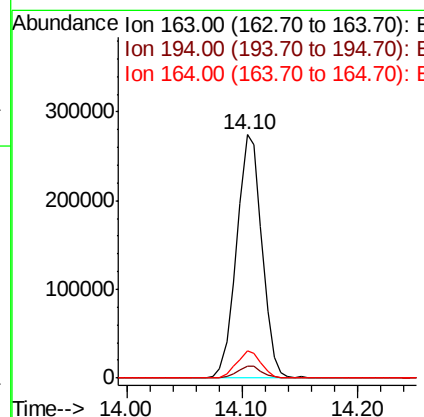
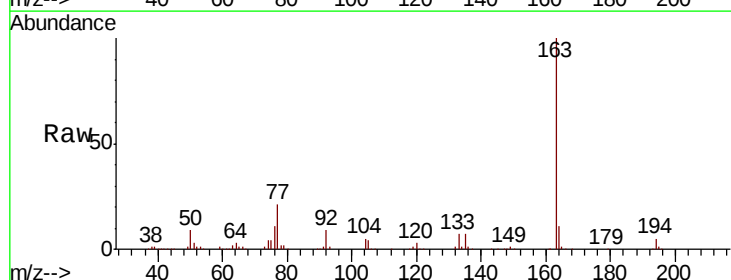
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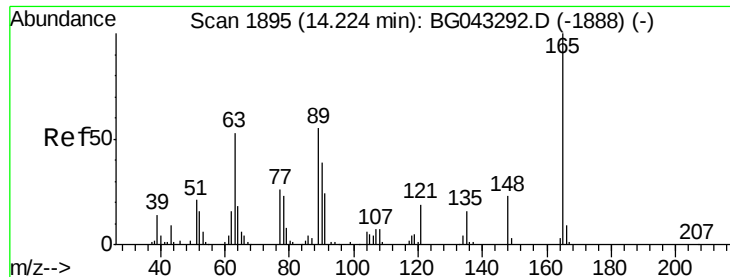
mohammad
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#50
Dimethylphthalate
Concen: 47.731 ng
RT: 14.10 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
163	100		
194	4.8	3.7	5.5
164	11.3	8.1	12.1





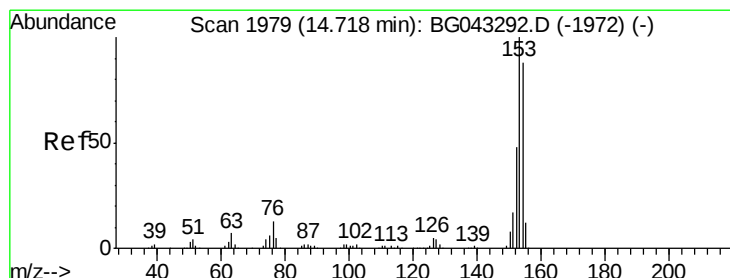
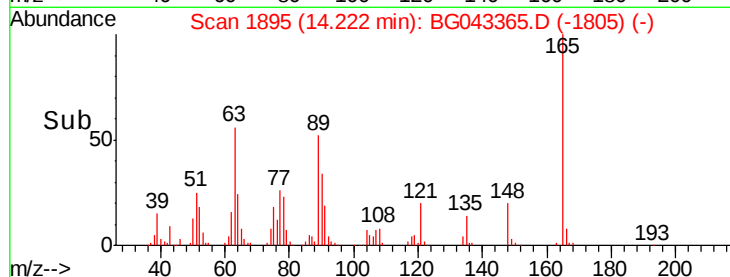
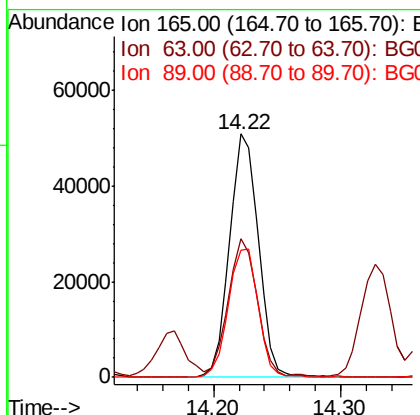
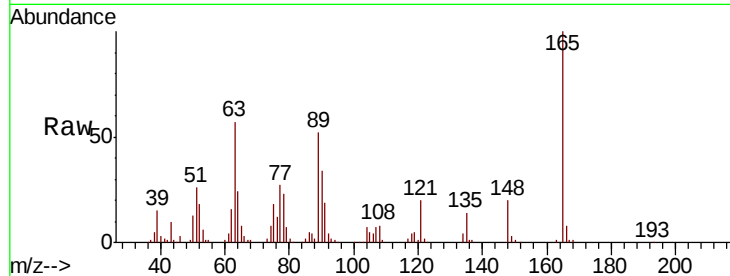
#51
2,6-Dinitrotoluene
Concen: 42.243 ng
RT: 14.22 min Scan# 1895
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	56.8	47.1	70.7
89	52.2	43.7	65.5

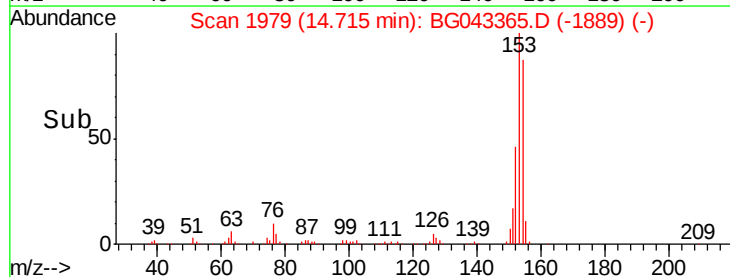
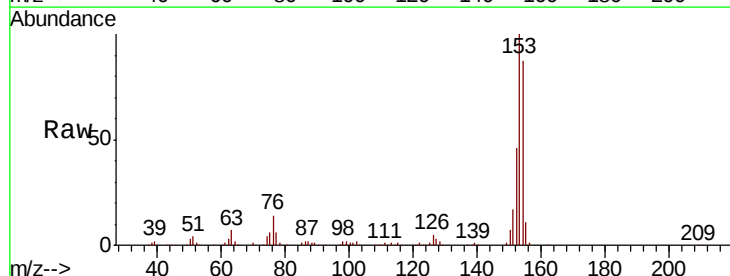
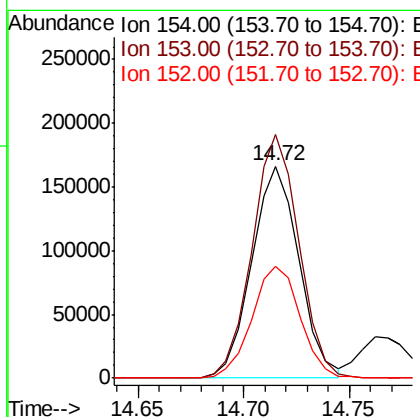
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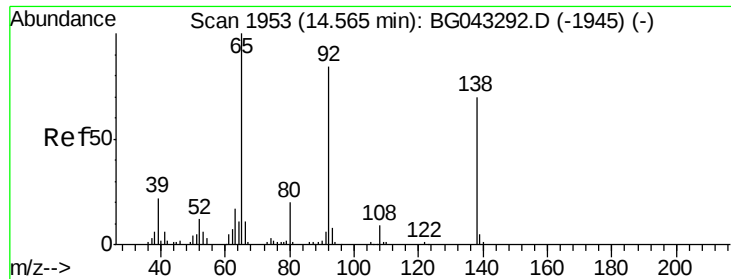
mohammad
10/29/2019 3:34:45 PM



#52
Acenaphthene
Concen: 41.816 ng
RT: 14.72 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
154	100		
153	114.8	90.9	136.3
152	52.9	43.9	65.9





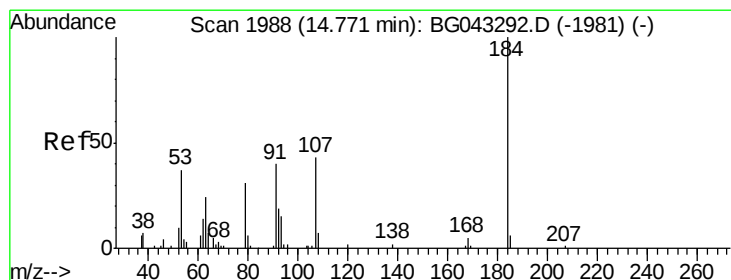
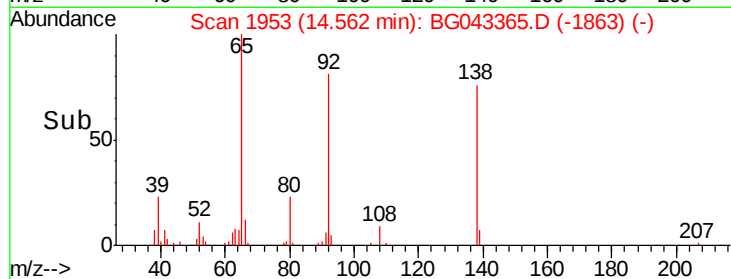
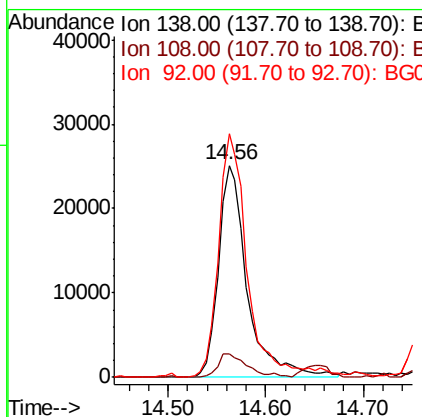
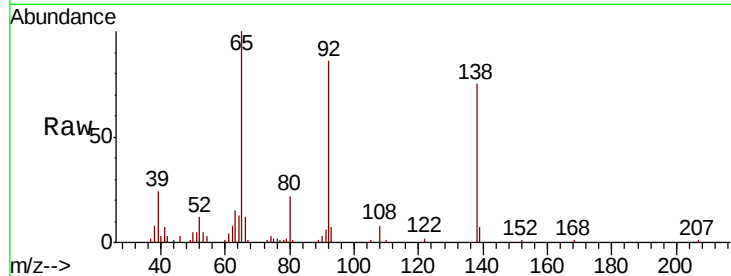
#53
3-Nitroaniline
Concen: 28.078 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.3	9.8	14.6
92	114.9	95.8	143.6

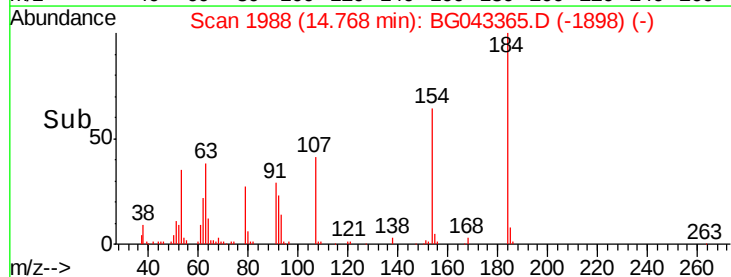
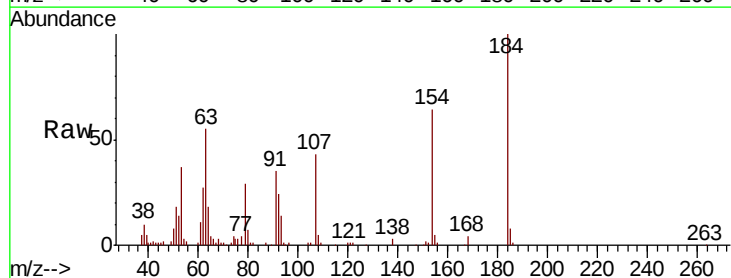
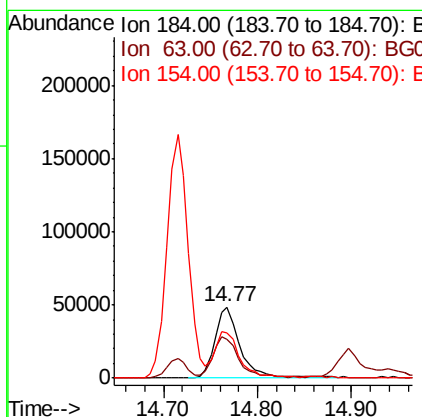
Manual Integrations
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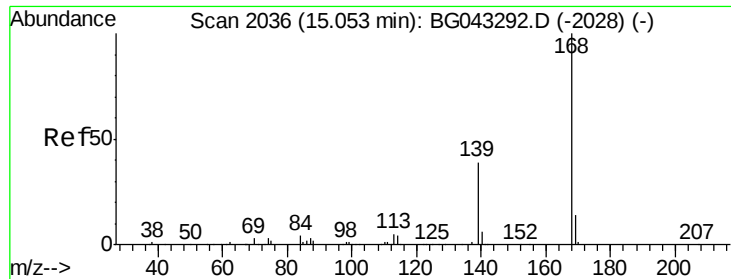
mohammad
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#54
2,4-Dinitrophenol
Concen: 77.194 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
184	100		
63	54.5	48.8	73.2
154	64.2	49.4	74.0





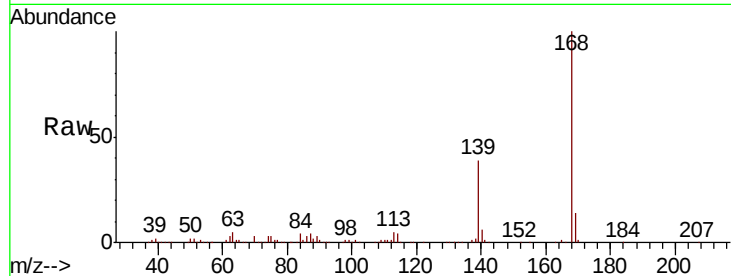
#55
Dibenzenofuran
Concen: 42.500 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.7	47.5
169	14.0	11.0	16.4

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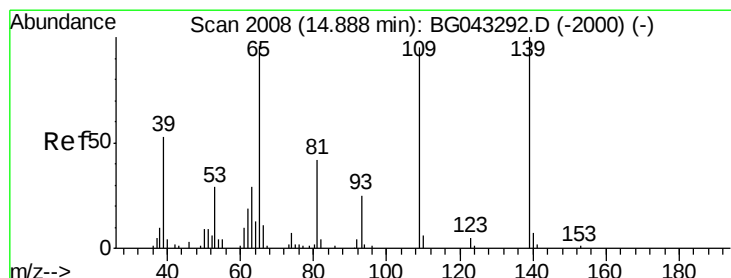
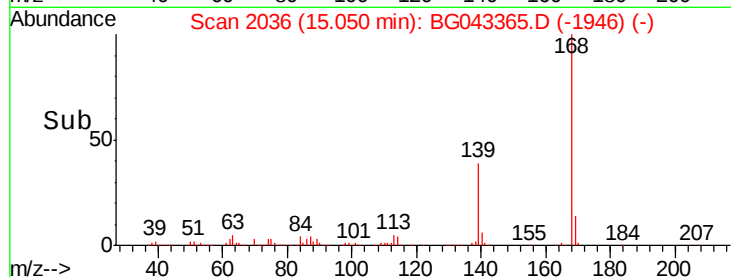
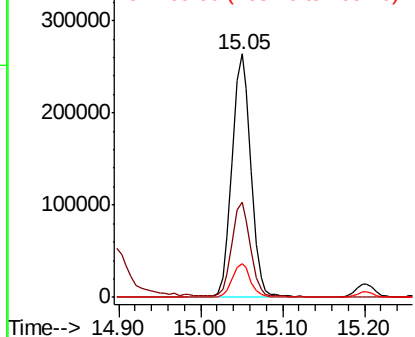


Abundance

Ion 168.00 (167.70 to 168.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 93.924 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

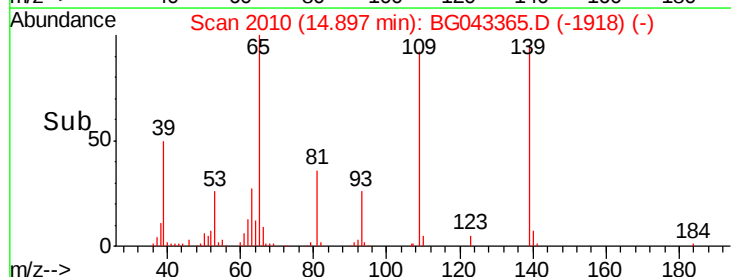
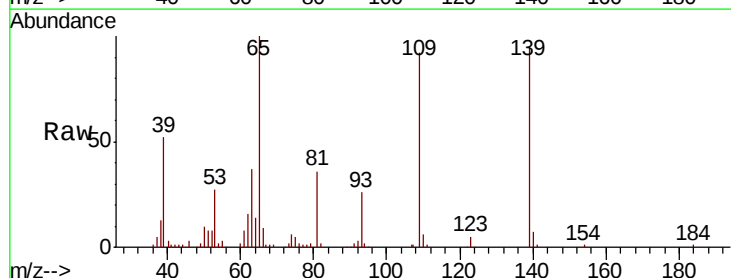
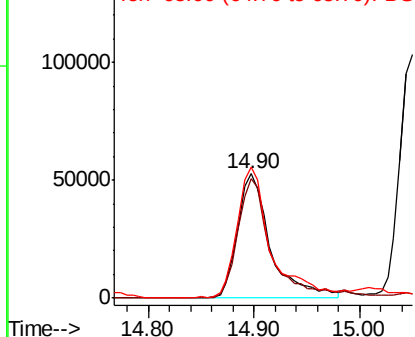
Tgt Ion	Ratio	Lower	Upper
139	100		
109	96.3	75.4	115.4
65	104.9	76.6	116.6

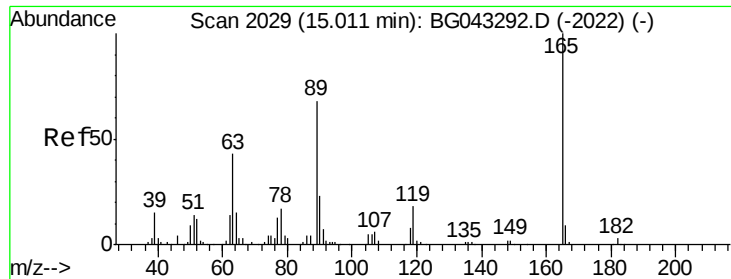
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





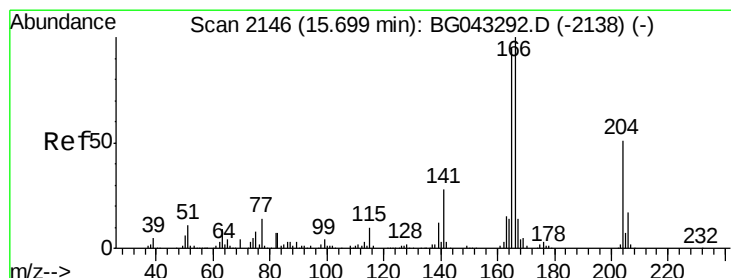
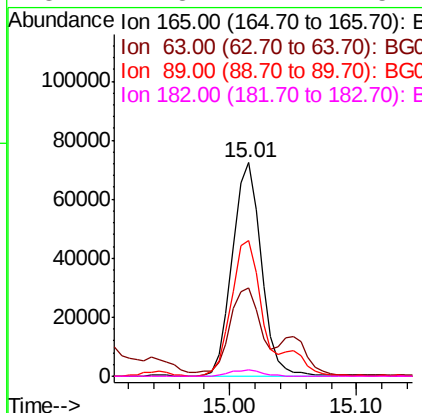
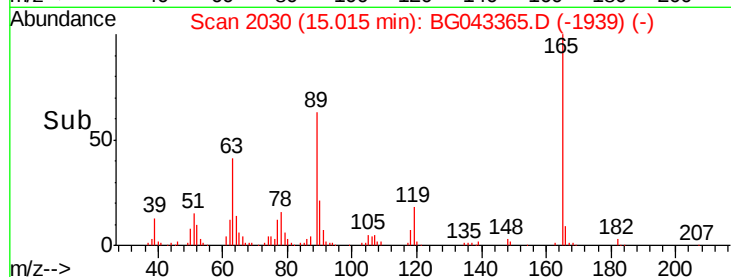
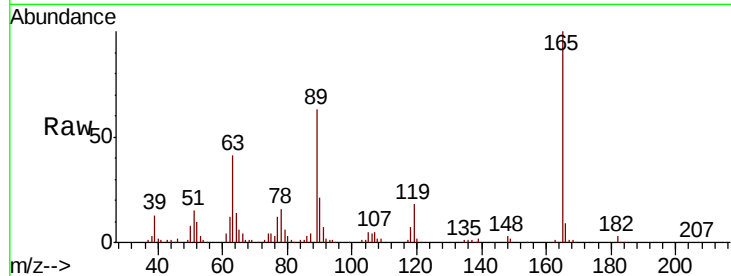
#57
2,4-Dinitrotoluene
Concen: 42.445 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
165	100		114983		
63	41.1	35.0	52.6		
89	63.4	54.1	81.1		
182	2.8	2.2	3.2		

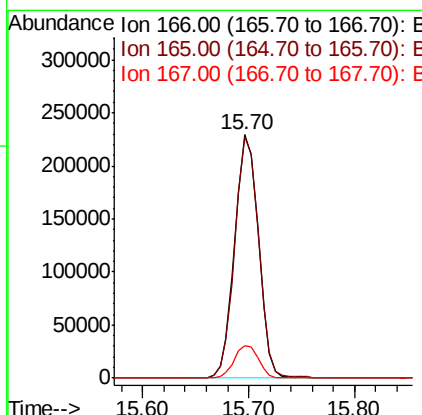
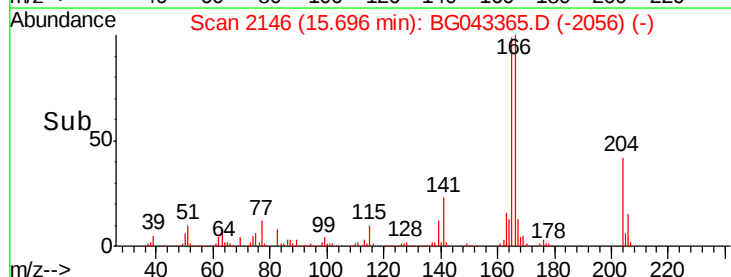
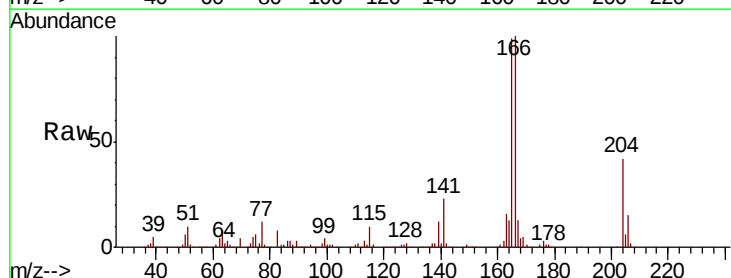
Manual Integrations
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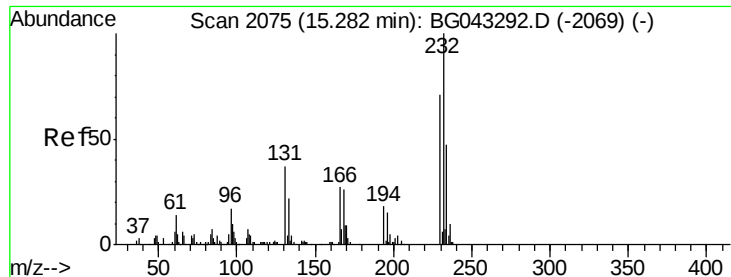
mohammad
10/29/2019 3:34:45 PM



#58
Fluorene
Concen: 42.393 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
166	100		356834		
165	98.8	76.4	114.6		
167	13.4	11.1	16.7		





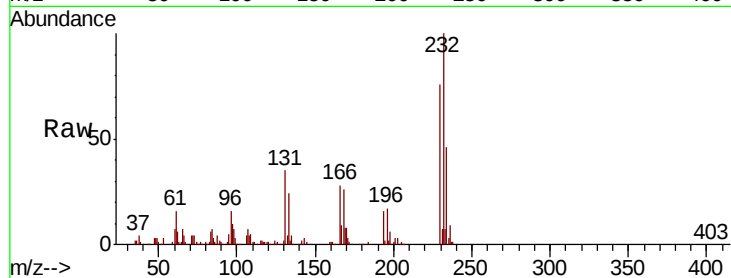
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.398 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	34.6	28.7	43.1
130	2.1	0.6	0.8
166	27.4	21.1	31.7

Manual Integrations
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mohammad
 10/29/2019 3:34:45 PM



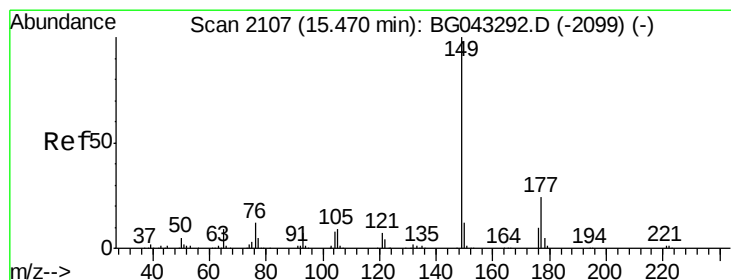
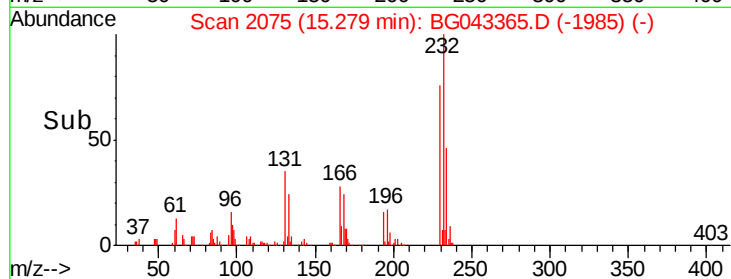
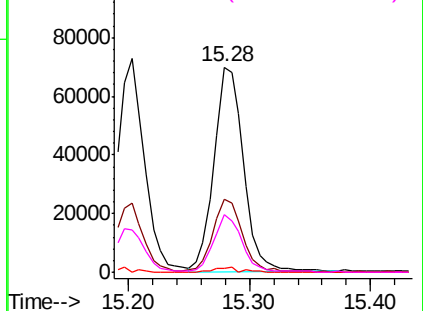
Abundance

Ion 232.00 (231.70 to 232.70): E

Ion 131.00 (130.70 to 131.70): E

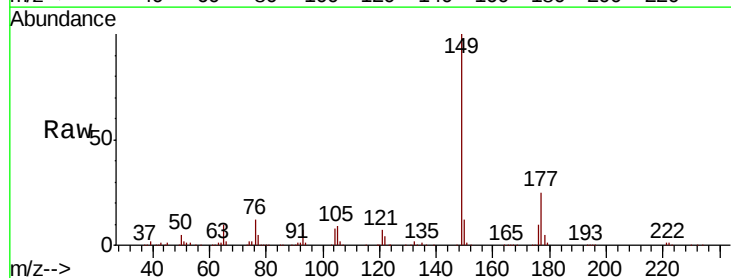
Ion 130.00 (129.70 to 130.70): E

Ion 166.00 (165.70 to 166.70): E



#60
 Diethylphthalate
 Concen: 39.993 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
149	100		
177	25.1	19.0	28.4
150	12.4	9.4	14.0

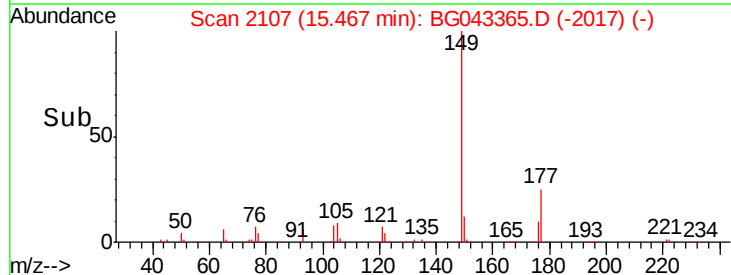
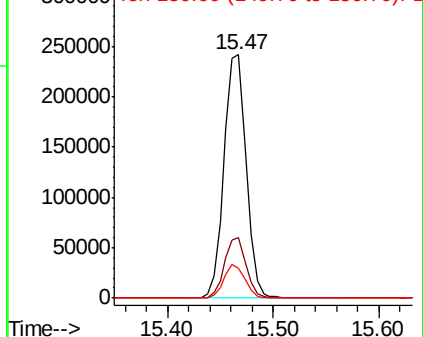


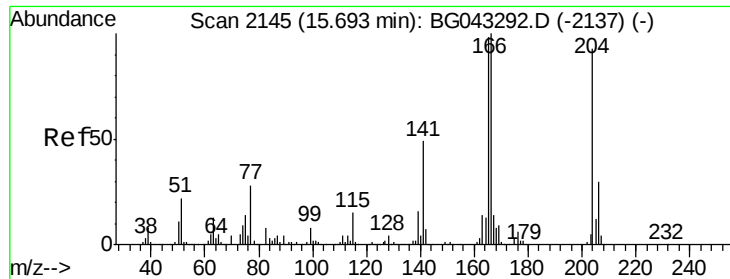
Abundance

Ion 149.00 (148.70 to 149.70): E

Ion 177.00 (176.70 to 177.70): E

Ion 150.00 (149.70 to 150.70): E





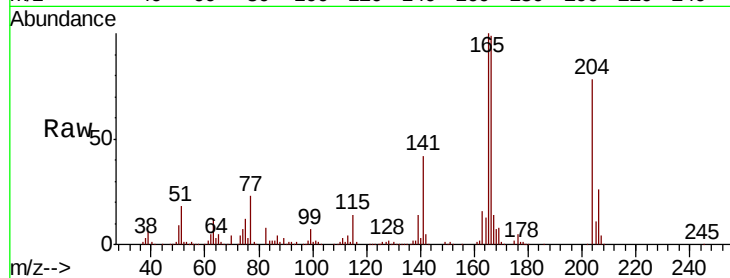
#61
4-Chlorophenyl-phenylether
Concen: 40.827 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.1	25.7	38.5
141	54.3	42.3	63.5

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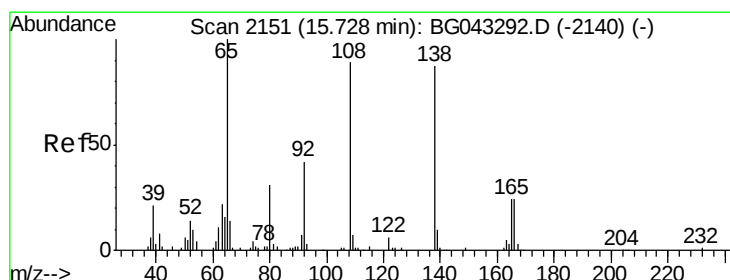
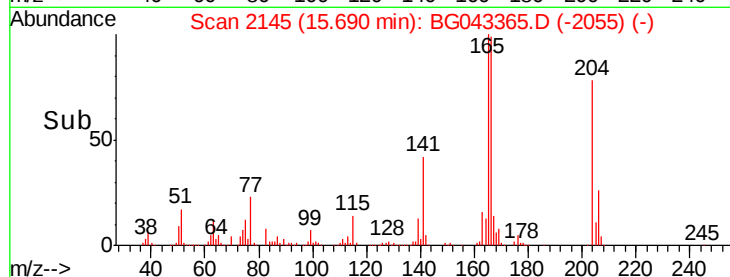
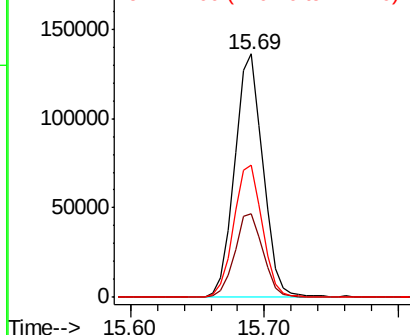


Abundance

Ion 204.00 (203.70 to 204.70): E

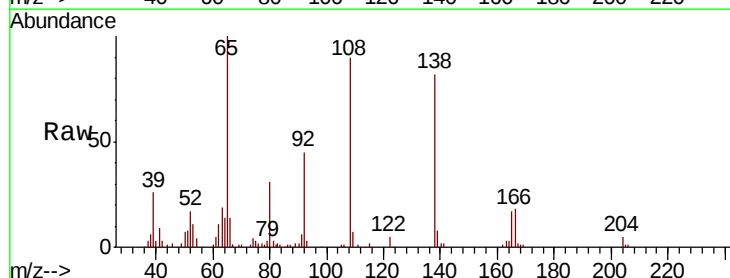
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 39.125 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
138	100		
92	54.4	28.8	68.8
108	110.2	82.7	122.7

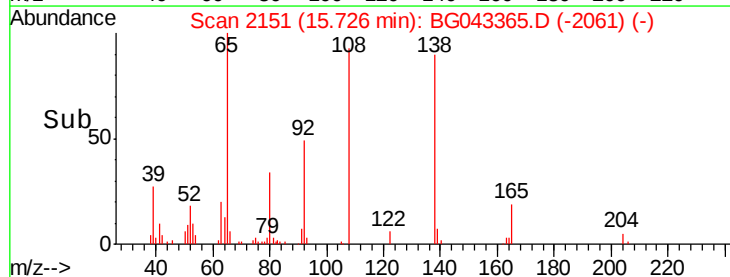
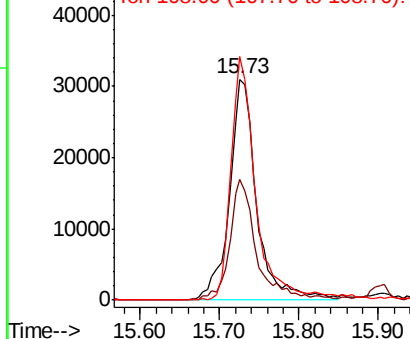


Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





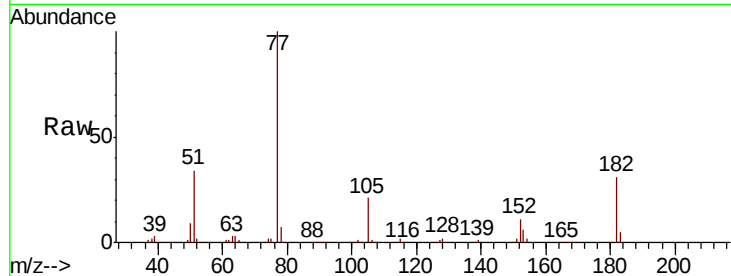
#63
Azobenzene
Concen: 42.328 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

Tot Ion	Ion	Ratio	Lower	Upper
77	100			
182	30.8	14.9	54.9	
105	20.5	0.6	40.6	
51	33.6	12.5	52.5	

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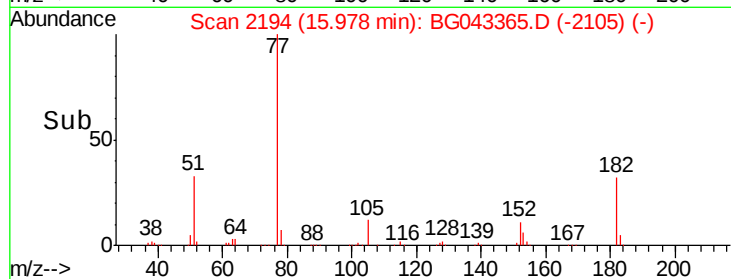
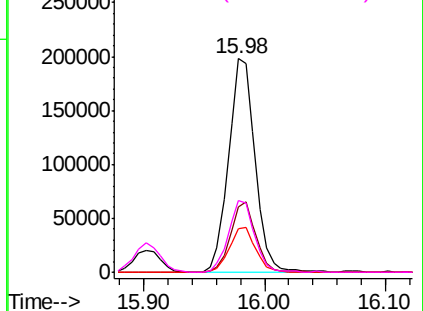
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

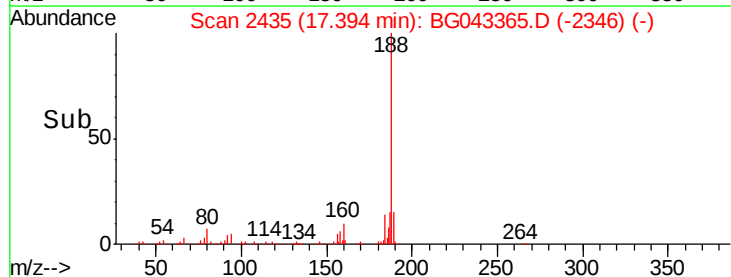
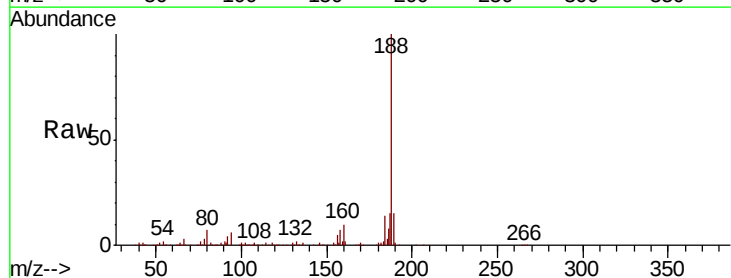
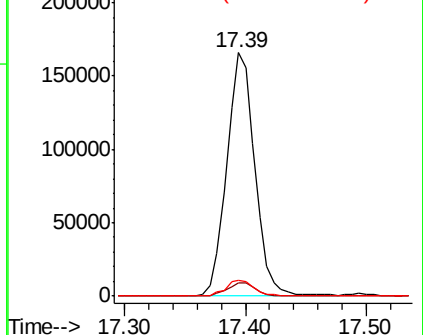
Tgt Ion	Ion	Ratio	Lower	Upper
188	100			
94	5.6	4.2	6.2	
80	6.7	5.2	7.8	

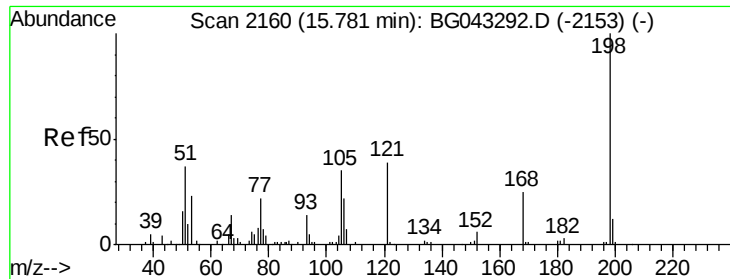
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 45.010 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

ClientSampleId :

162-36-(0-1)MSD

Tot Ion:198 Resp: 71052

Ion Ratio Lower Upper

198 100

51 42.3 21.4 61.4

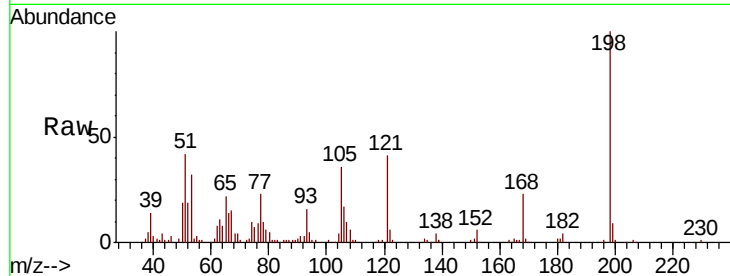
105 35.7 16.5 56.5

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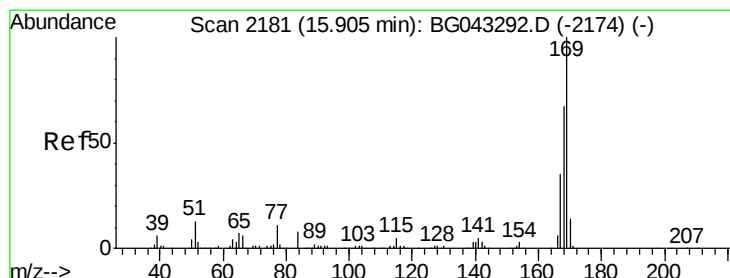
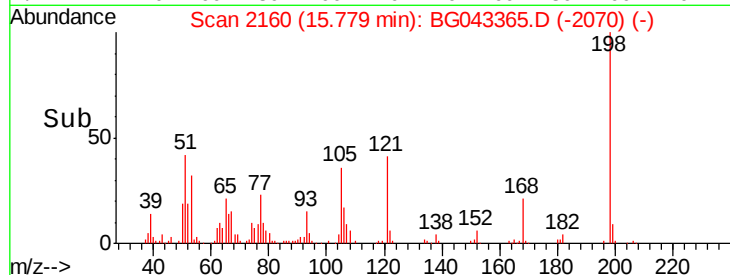
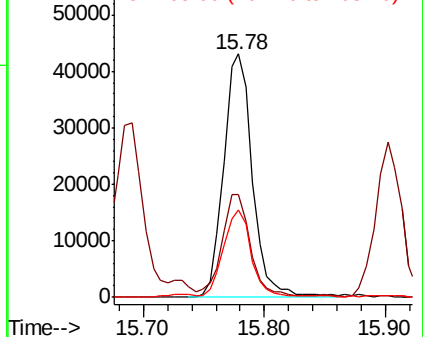
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 42.133 ng

RT: 15.90 min Scan# 2181

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

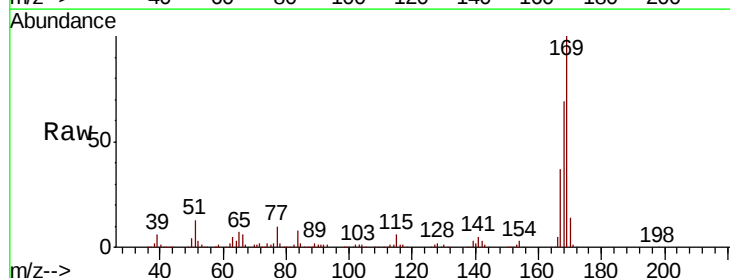
Tgt Ion:169 Resp: 319074

Ion Ratio Lower Upper

169 100

168 68.7 53.9 80.9

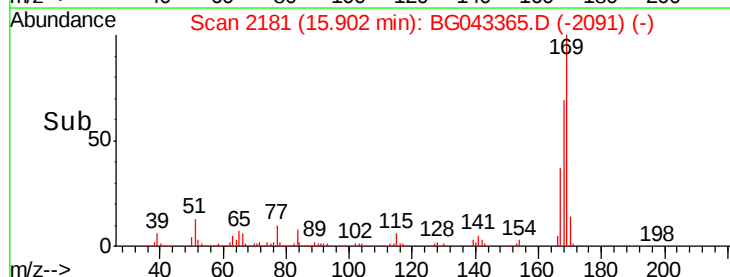
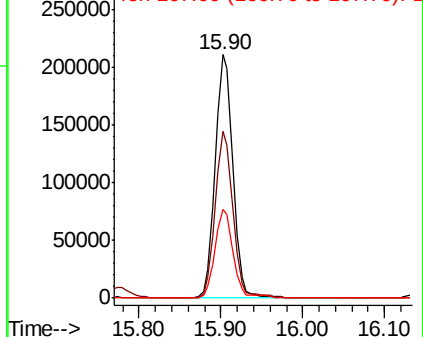
167 36.5 28.3 42.5



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





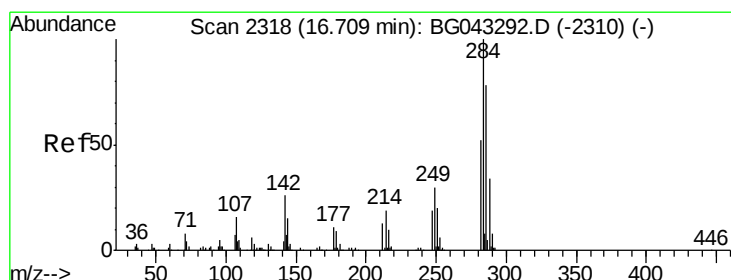
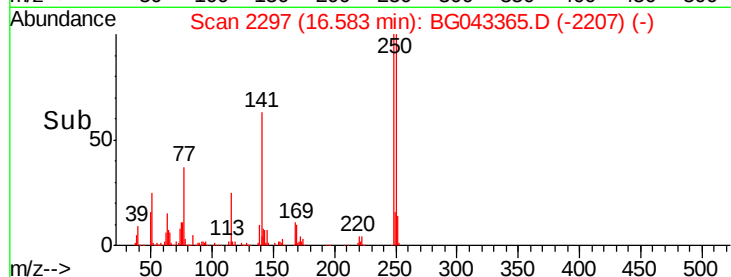
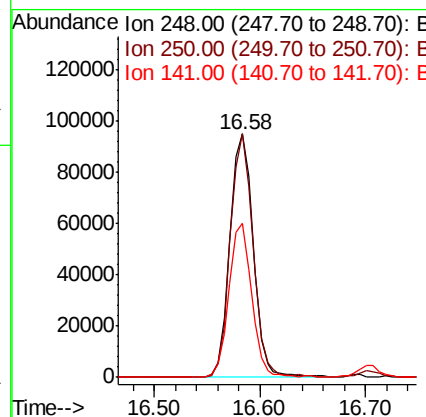
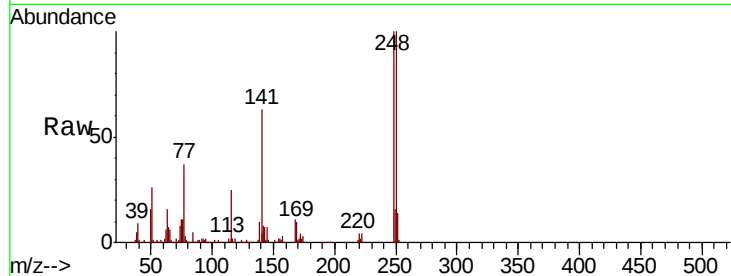
#67
4-Bromophenyl-phenylether
Concen: 40.352 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	100.1	79.3	118.9
141	63.5	47.9	71.9

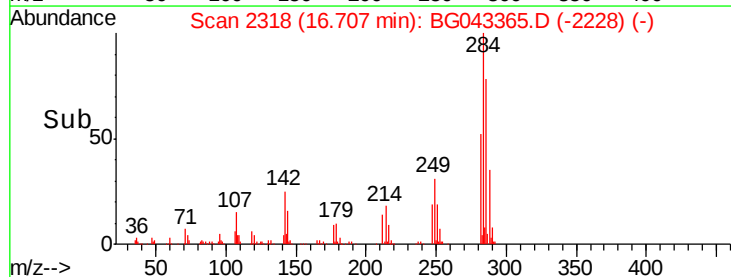
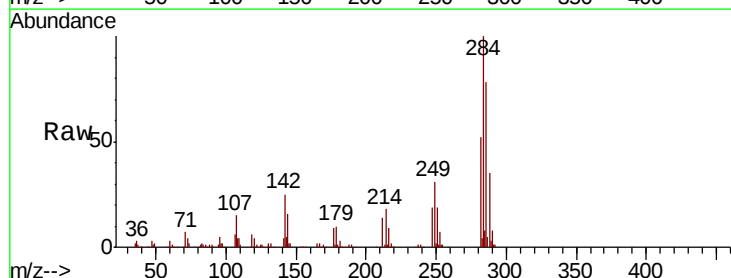
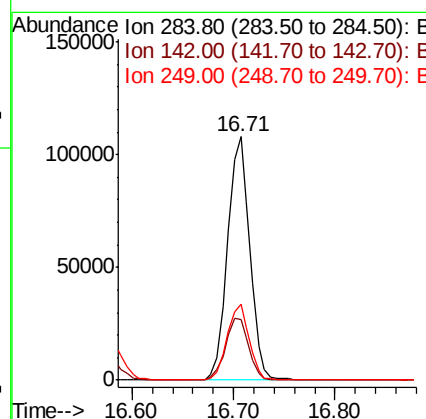
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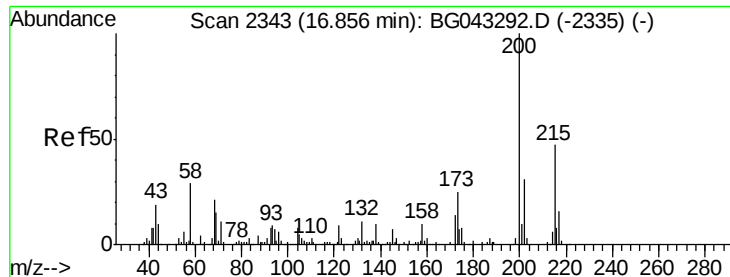
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#68
Hexachlorobenzene
Concen: 39.548 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
284	100		
142	24.7	21.1	31.7
249	31.1	24.4	36.6





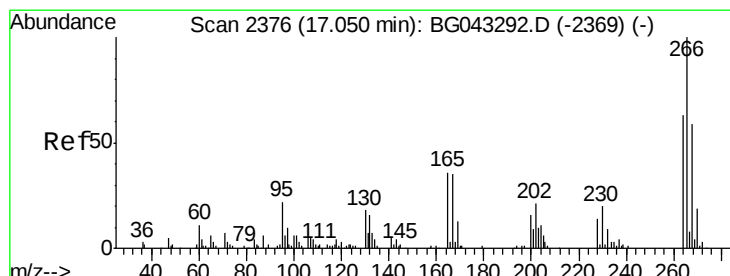
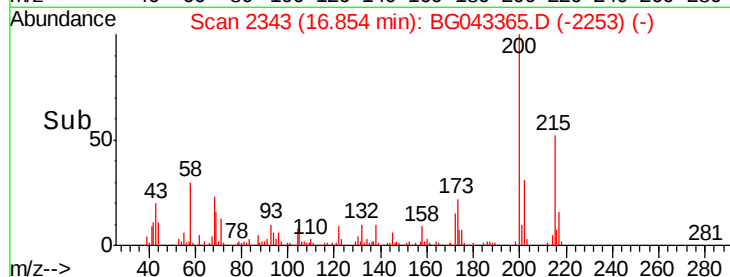
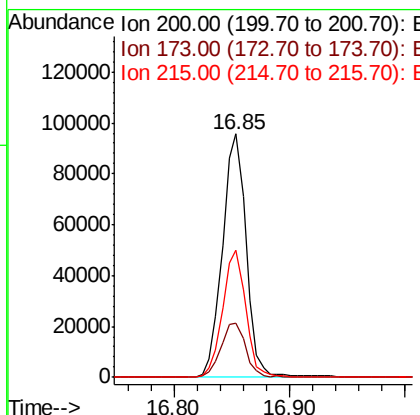
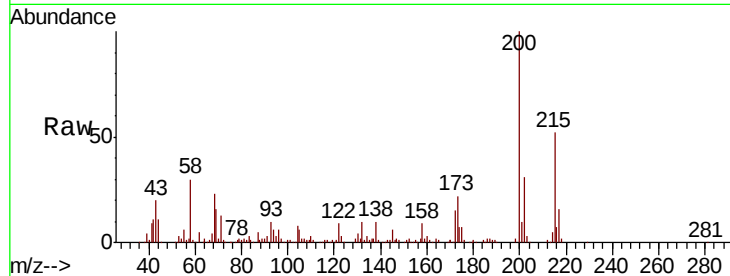
#69
Atrazine
Concen: 52.042 ng
RT: 16.85 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	136946		
173	22.3	5.1	45.1	
215	52.3	26.6	66.6	

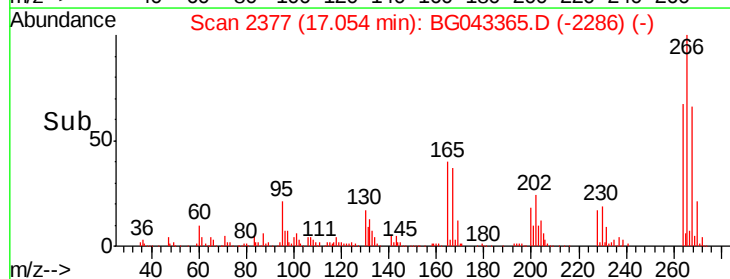
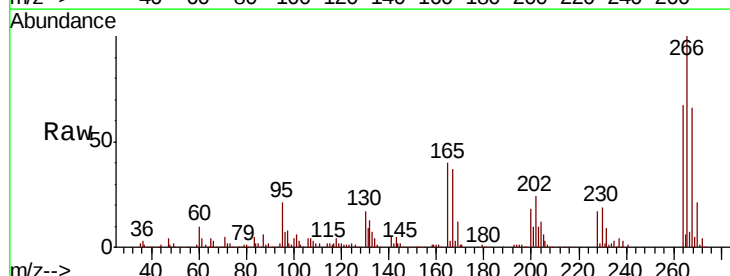
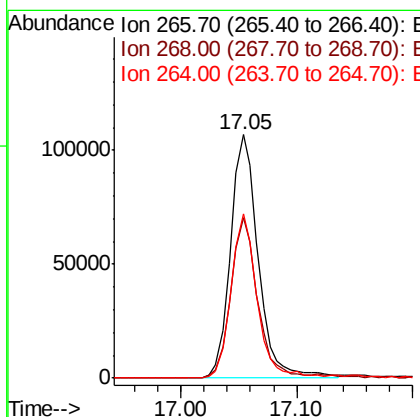
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#70
Pentachlorophenol
Concen: 93.884 ng
RT: 17.05 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	177264		
268	66.0	47.1	70.7	
264	67.4	50.4	75.6	





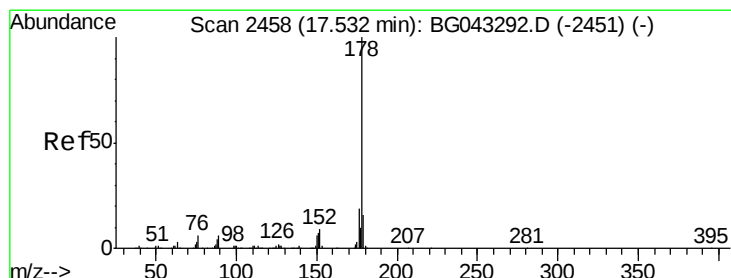
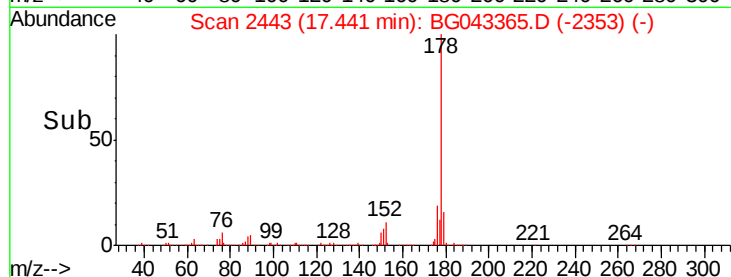
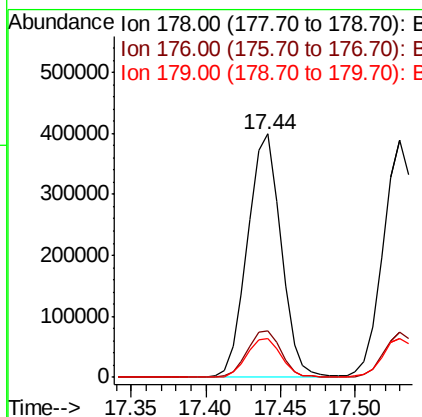
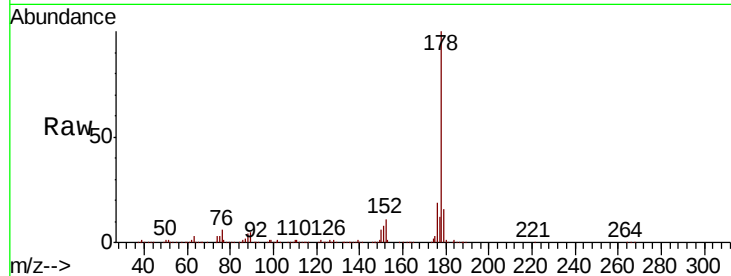
#71
Phenanthrene
Concen: 45.276 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	18.9	15.8	23.8
179	15.7	13.1	19.7

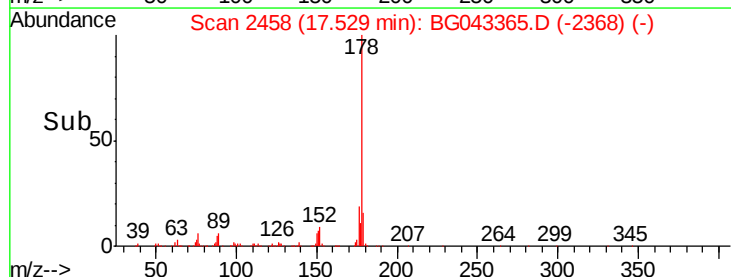
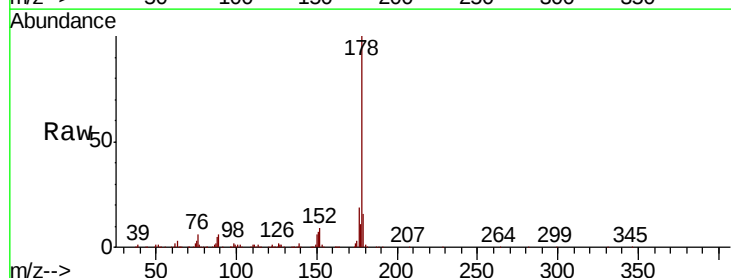
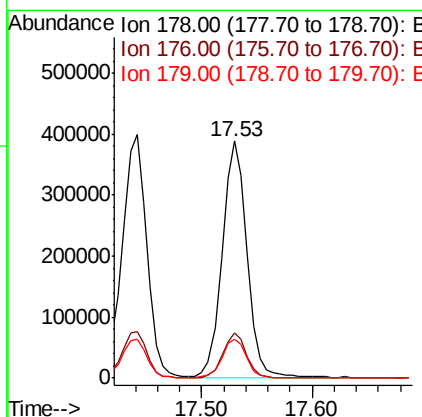
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#72
Anthracene
Concen: 44.081 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.0	15.1	22.7
179	16.2	13.0	19.6





#73

Carbazole

Concen: 42.846 ng

RT: 17.80 min Scan# 2504

Delta R.T. -0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

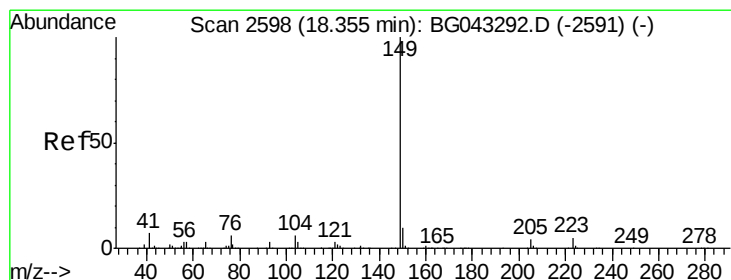
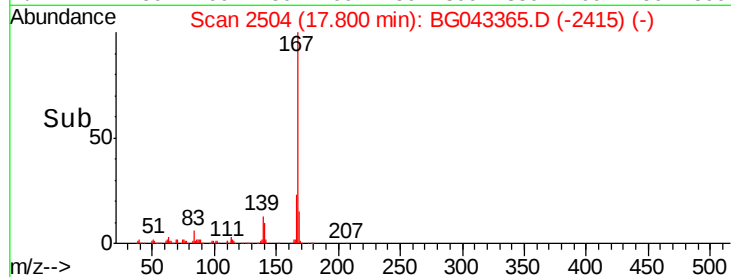
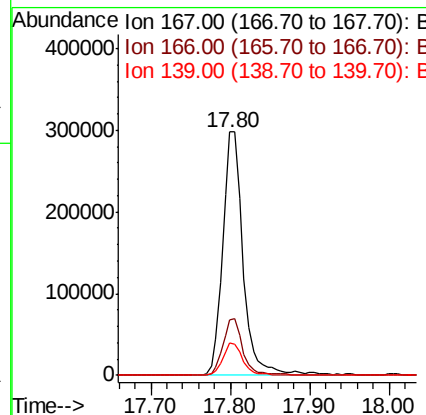
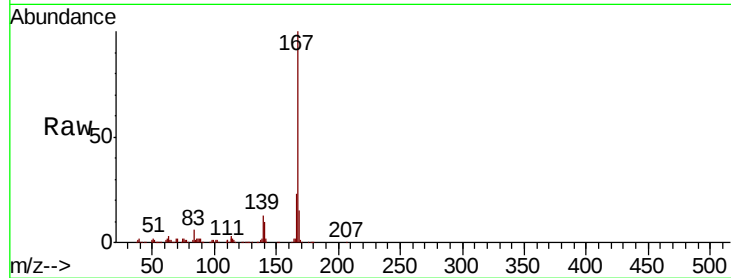
ClientSampleId :

162-36-(0-1)MSD

Tot Ion:	167	Resp:	533224
Ion Ratio	Lower	Upper	
167	100		
166	23.0	18.4	27.6
139	13.2	10.2	15.4

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 41.820 ng

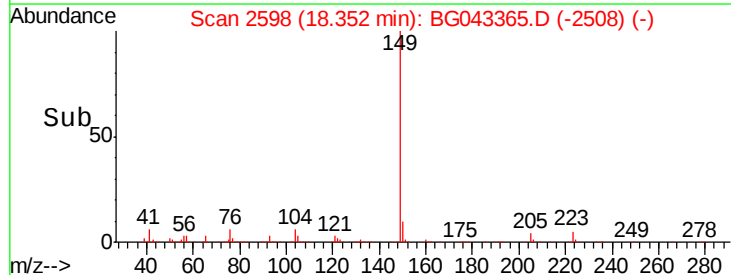
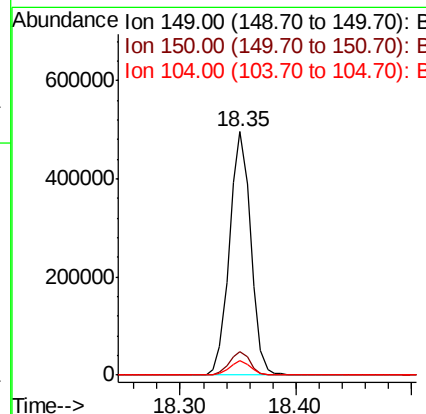
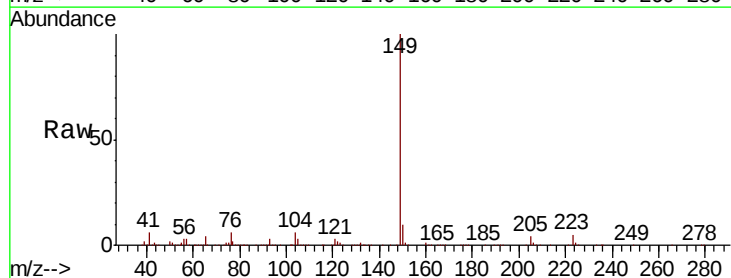
RT: 18.35 min Scan# 2598

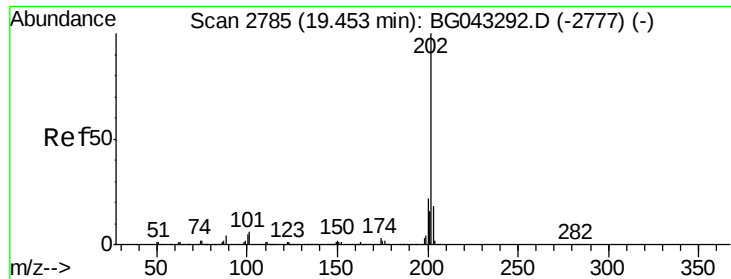
Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Tgt Ion:	149	Resp:	631502
Ion Ratio	Lower	Upper	
149	100		
150	9.8	8.0	12.0
104	5.9	4.7	7.1





#75

Fluoranthene

Concen: 47.442 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

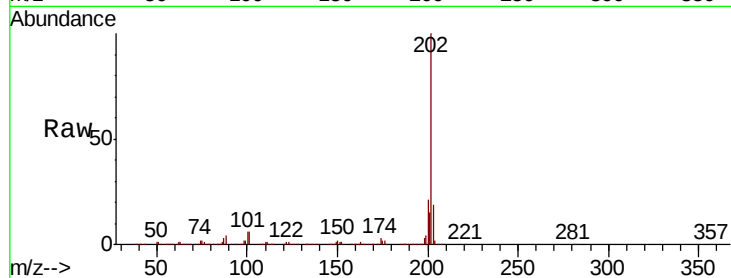
ClientSampleId :

162-36-(0-1)MSD

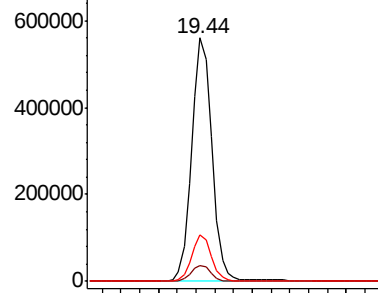
Tot Ion	Ratio	Resp	Lower	Upper
202	100	849556		
101	6.5	0.0	26.0	
203	19.3	0.0	38.2	

Manual Integrations
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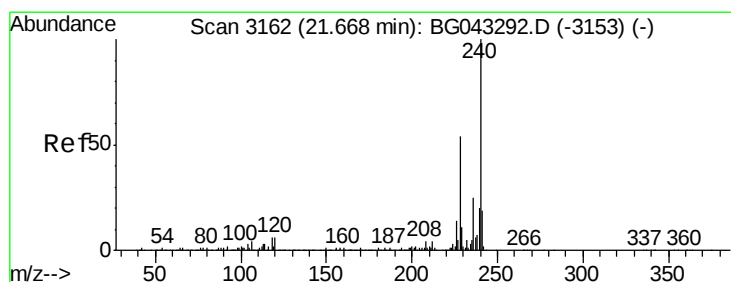
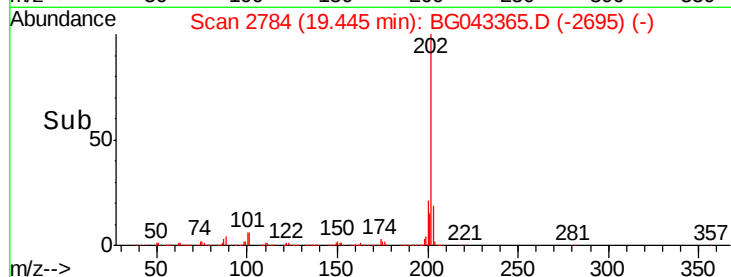
mohammad
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Abundance Ion 202.00 (201.70 to 202.70): E
Ion 101.00 (100.70 to 101.70): E
Ion 203.00 (202.70 to 203.70): E



Time-->



#76

Chrysene-d12

Concen: 20.000 ng

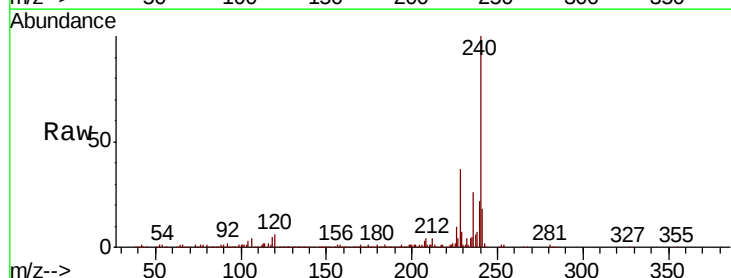
RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

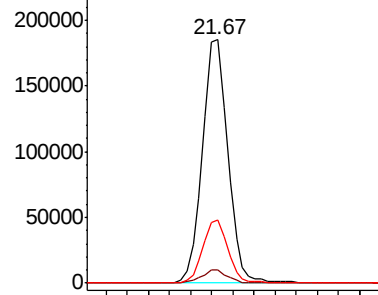
Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

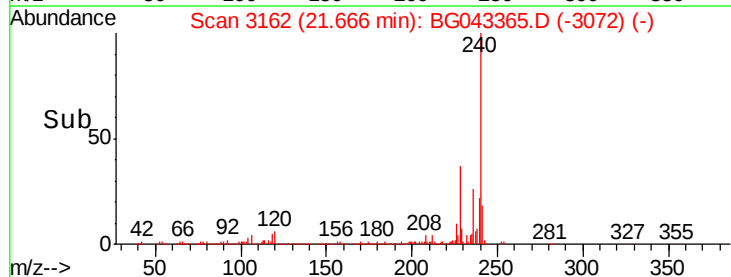
Tgt Ion	Ratio	Resp	Lower	Upper
240	100	308474		
120	5.6	4.6	7.0	
236	26.0	20.2	30.4	

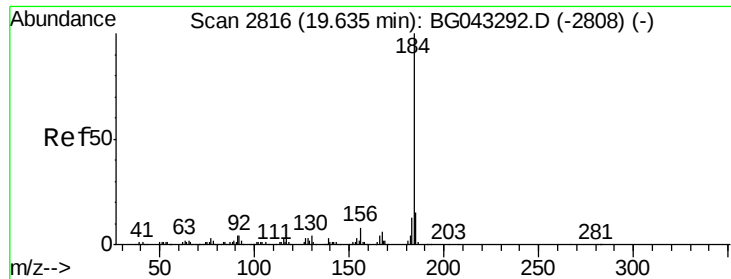


Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->





#77

Benzidine

Concen: 56.903 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

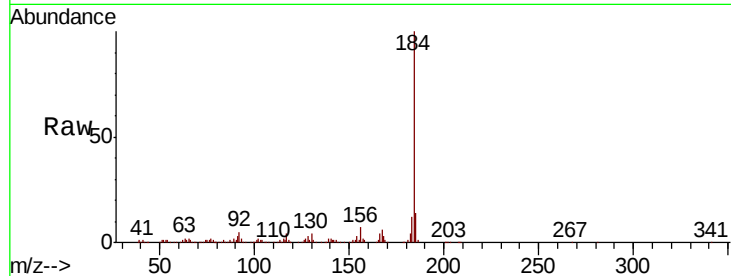
ClientSampleId :

162-36-(0-1)MSD

Tot Ion:	184	Resp:	353263
Ion Ratio	Lower	Upper	
184	100		
185	13.8	11.8	17.6
183	11.7	10.6	16.0

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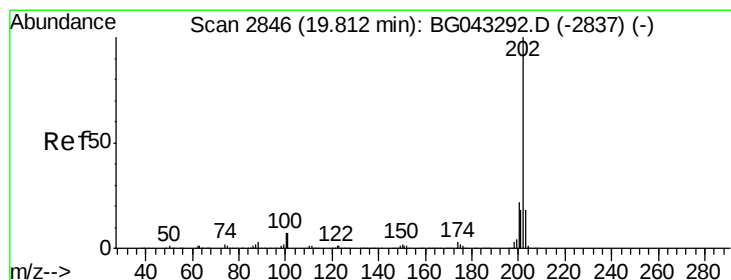
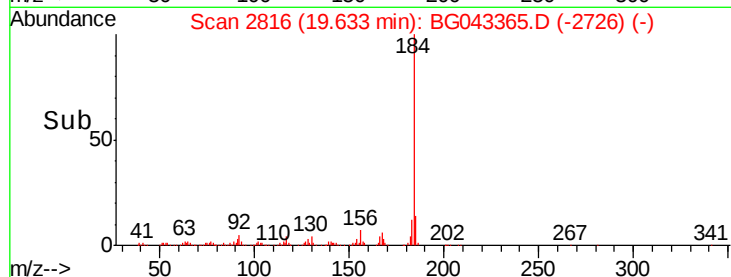
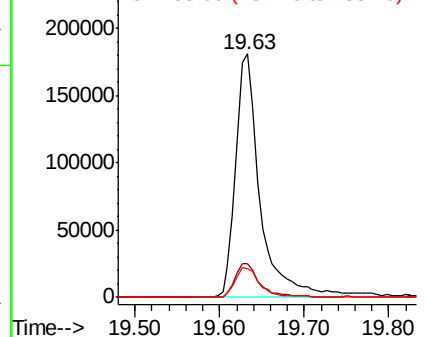


Abundance

Ion 184.00 (183.70 to 184.70): E

Ion 185.00 (184.70 to 185.70): E

Ion 183.00 (182.70 to 183.70): E



#78

Pyrene

Concen: 44.101 ng

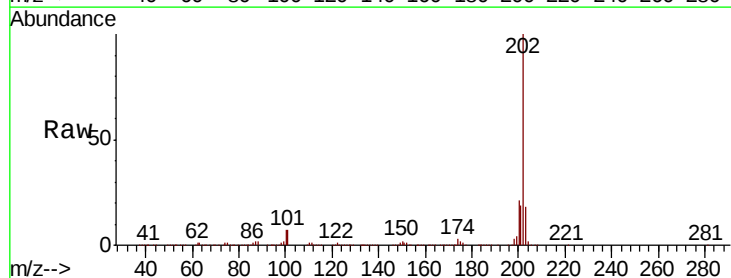
RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Tgt Ion:	202	Resp:	842070
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.3	25.9
203	18.4	14.5	21.7

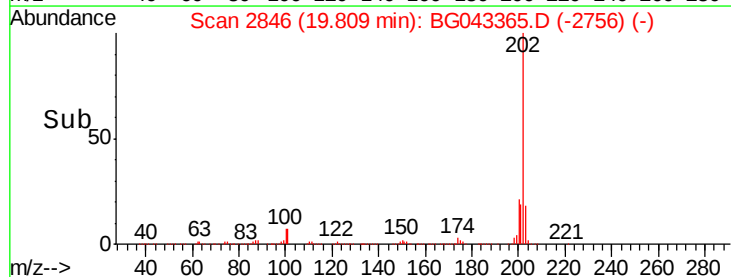
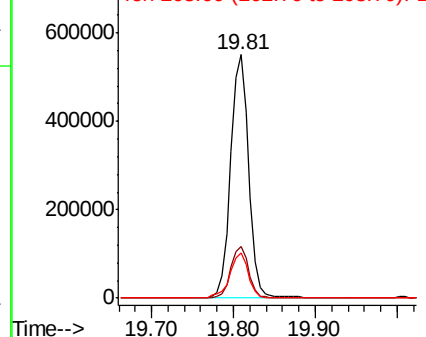


Abundance

Ion 202.00 (201.70 to 202.70): E

Ion 200.00 (199.70 to 200.70): E

Ion 203.00 (202.70 to 203.70): E





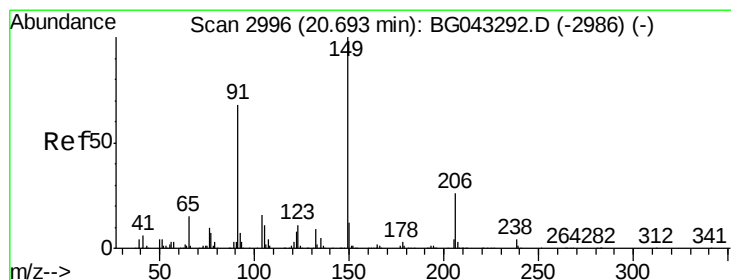
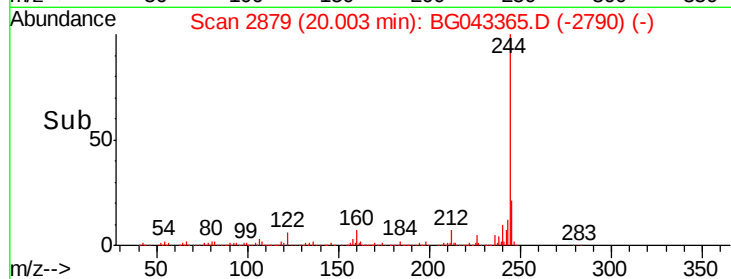
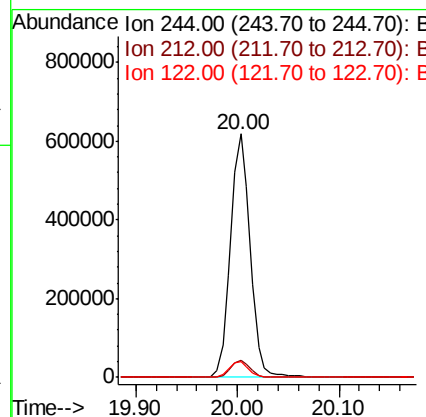
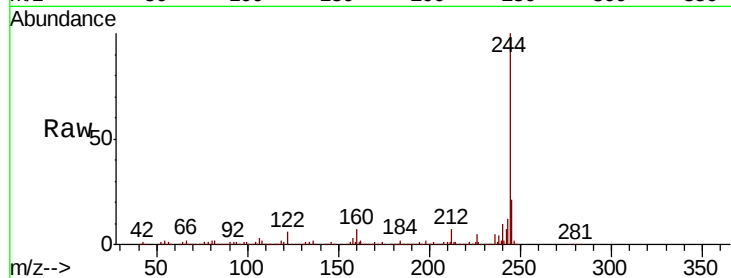
#79
 Terphenyl-d14
 Concen: 50.710 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 162-36-(0-1)MSD

Tot Ion:	244	Resp:	833805
Ion Ratio		Lower	Upper
244	100		
212	7.0	6.4	9.6
122	6.3	5.3	7.9

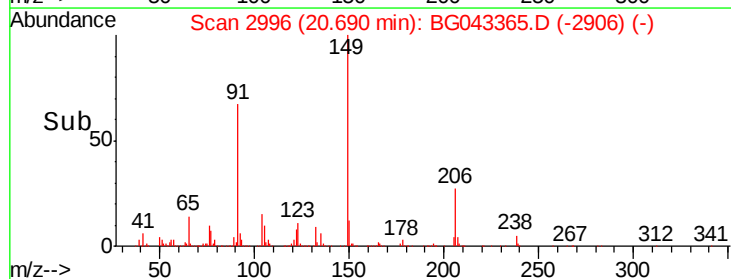
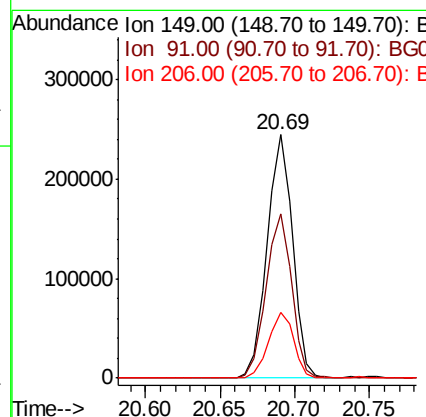
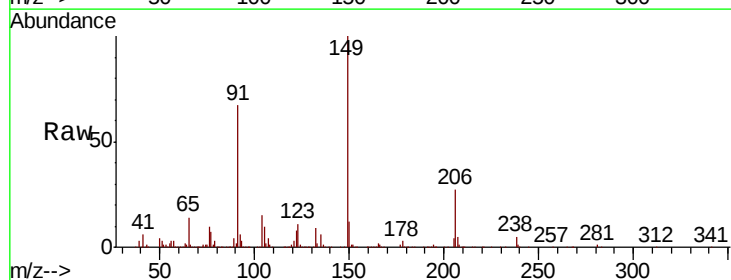
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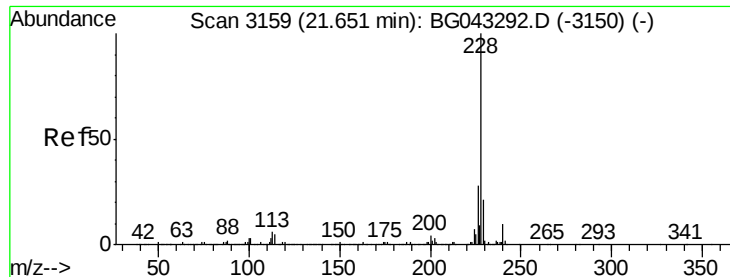
mohammad
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#80
 Butylbenzylphthalate
 Concen: 39.656 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Tgt Ion:	149	Resp:	286876
Ion Ratio		Lower	Upper
149	100		
91	67.2	54.6	82.0
206	27.1	20.5	30.7





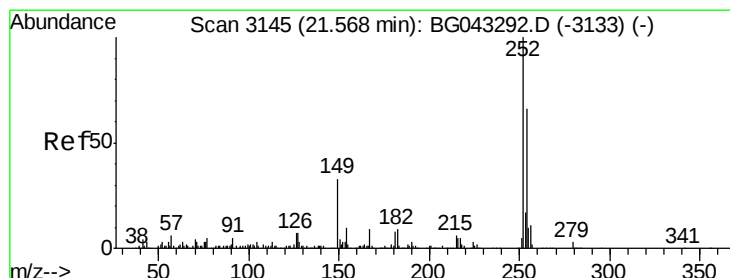
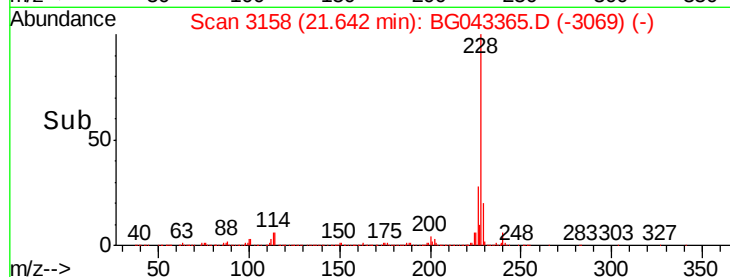
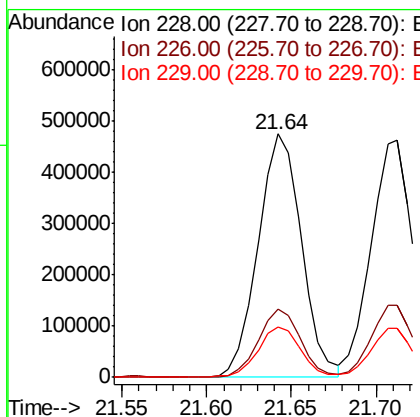
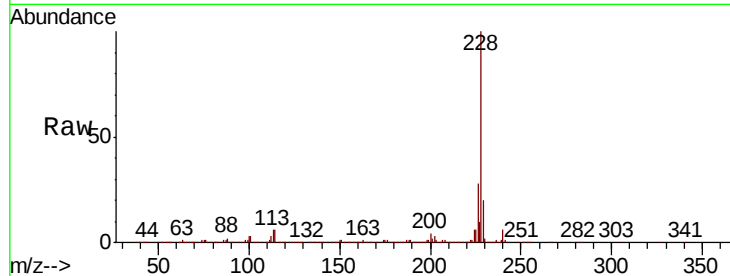
#81
Benzo(a)anthracene
Concen: 43.520 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.2	22.2	33.4
229	20.5	16.9	25.3

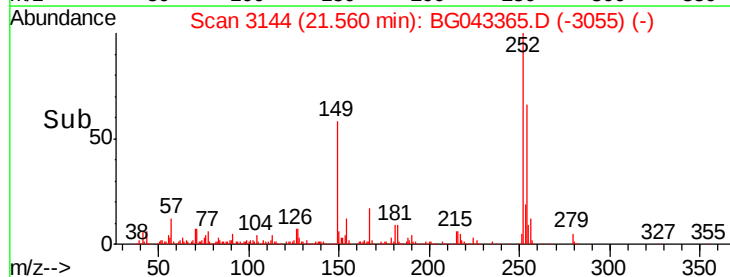
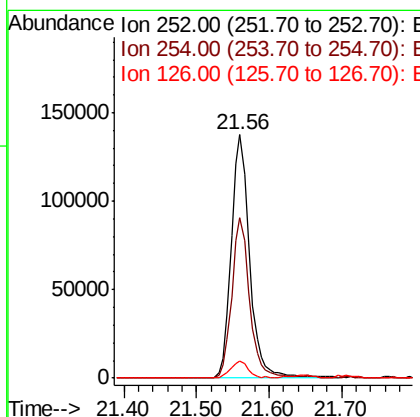
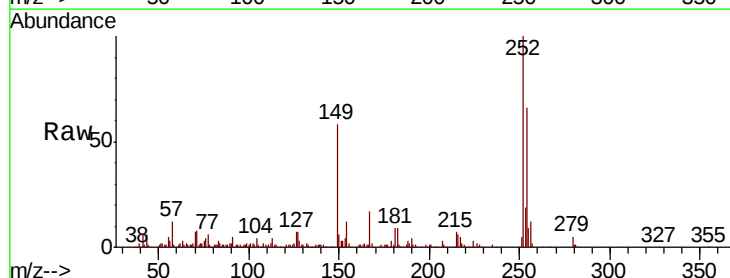
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#82
3,3'-Dichlorobenzidine
Concen: 32.641 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.9	52.7	79.1
126	6.9	5.6	8.4





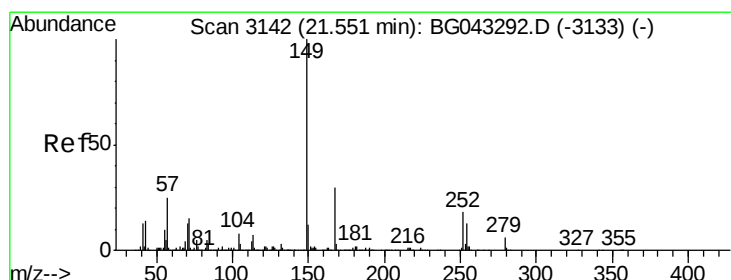
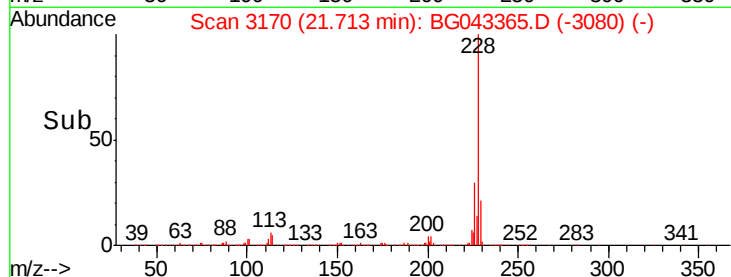
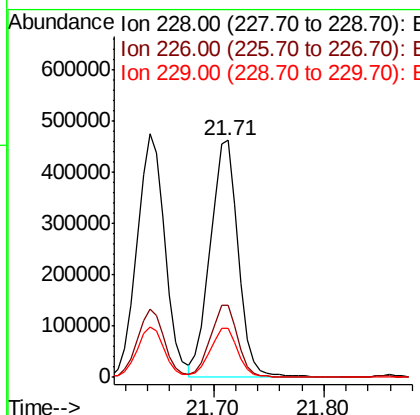
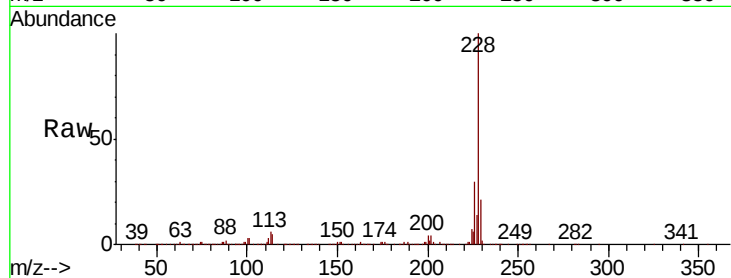
#83
 Chrvsene
 Concen: 41.856 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Instrument :
 BNA_G
 ClientSampleId :
 162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	30.5	23.8	35.8
229	20.6	16.3	24.5

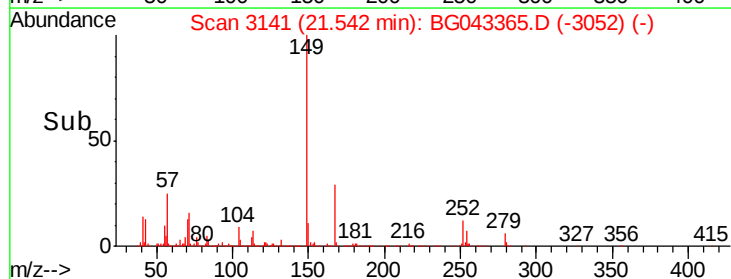
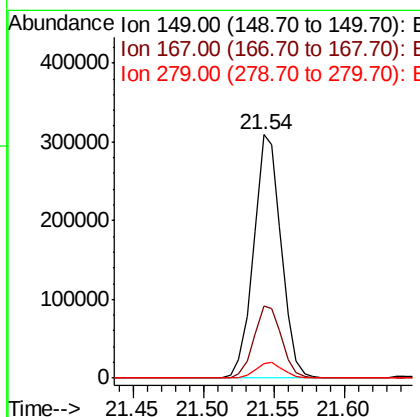
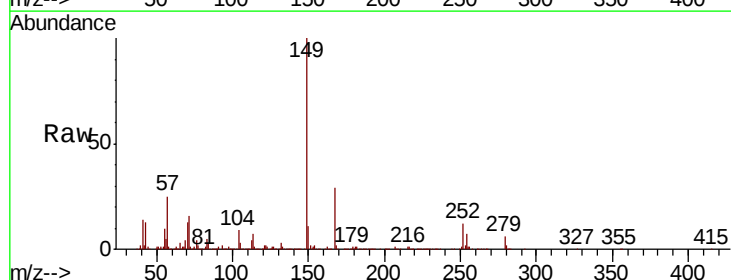
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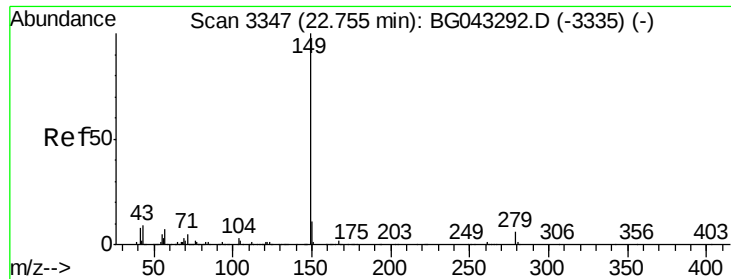
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 41.188 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG043365.D
 Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.4	23.9	35.9
279	5.9	4.8	7.2





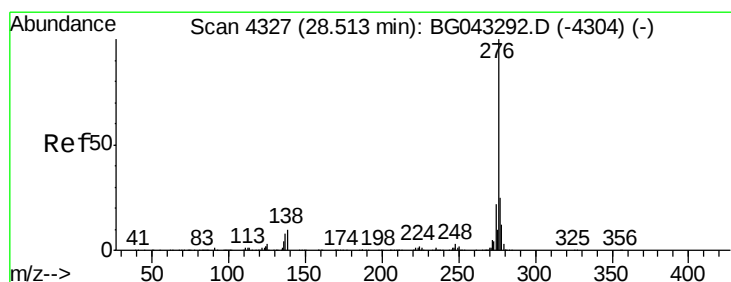
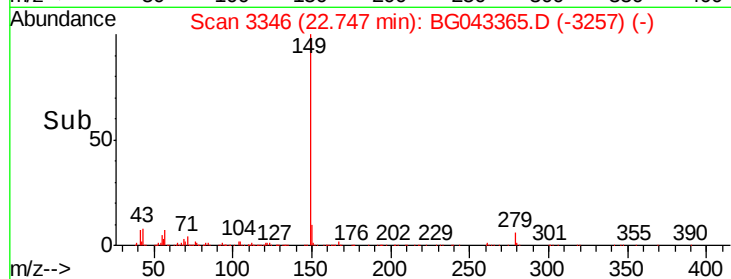
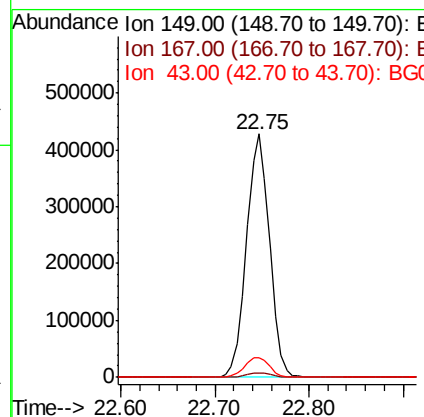
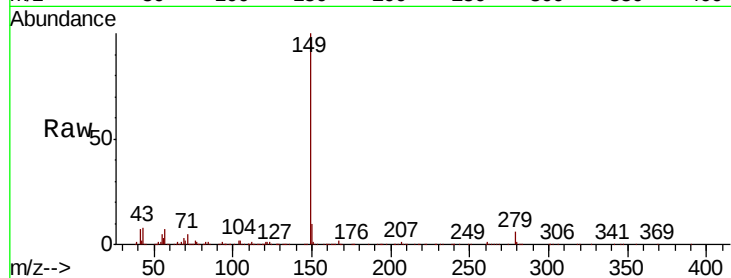
#85
Di-n-octyl phthalate
Concen: 41.462 ng
RT: 22.75 min Scan# 3346
Delta R.T. -0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
149	100		
167	1.8	1.4	2.0
43	8.7	6.9	10.3

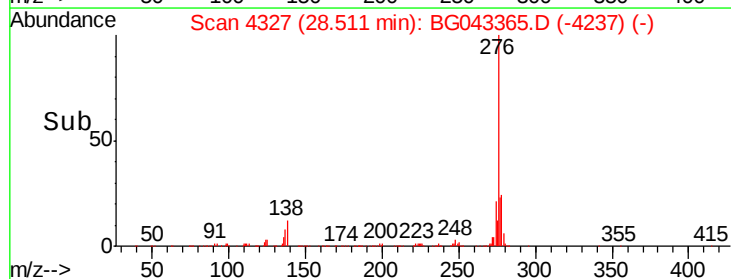
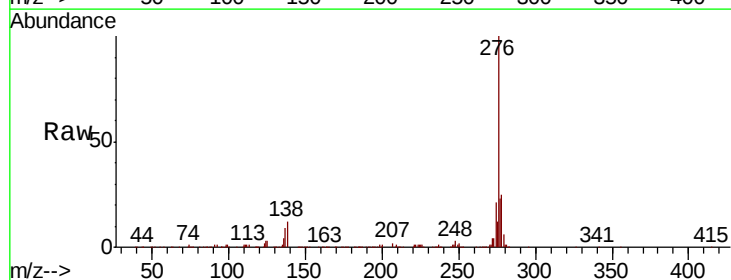
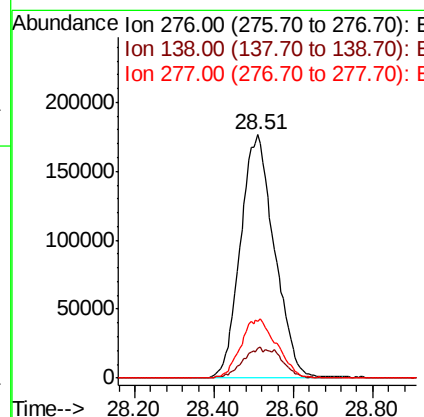
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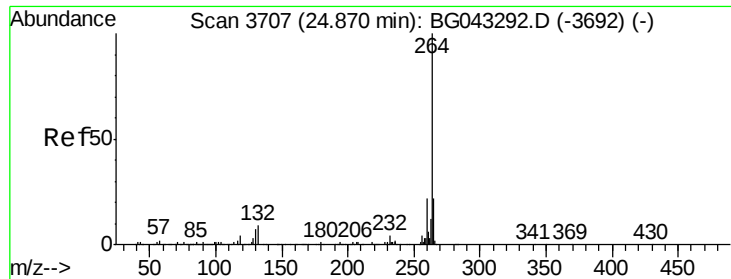
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 43.697 ng
RT: 28.51 min Scan# 4327
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
276	100		
138	14.1	7.2	10.8#
277	25.4	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

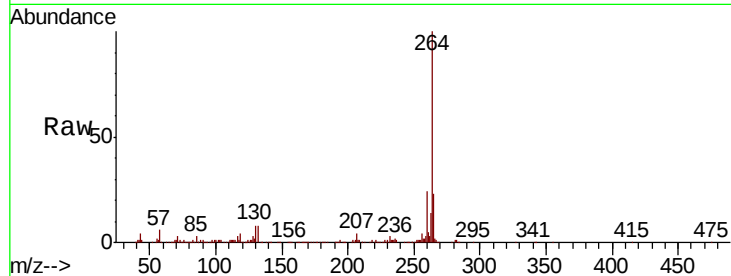
ClientSampleId :

162-36-(0-1)MSD

Tot Ion:	264	Resp:	362526
Ion Ratio		Lower	Upper
264	100		
260	23.8	17.9	26.9
265	22.8	17.4	26.2

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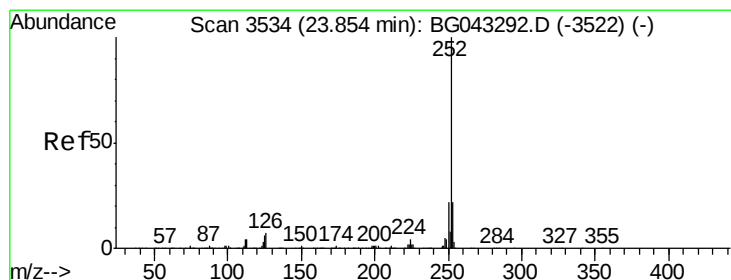
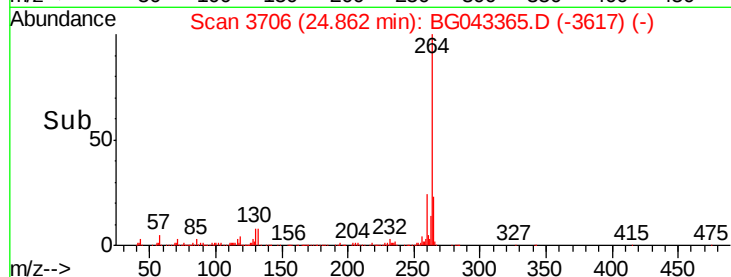
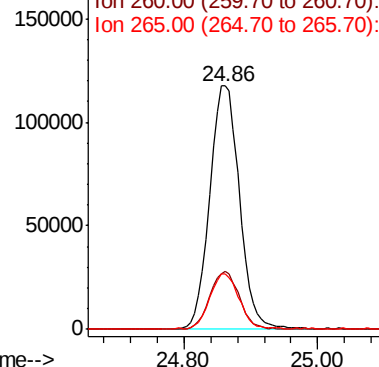


Abundance

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: 44.093 ng

RT: 23.85 min Scan# 3533

Delta R.T. -0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

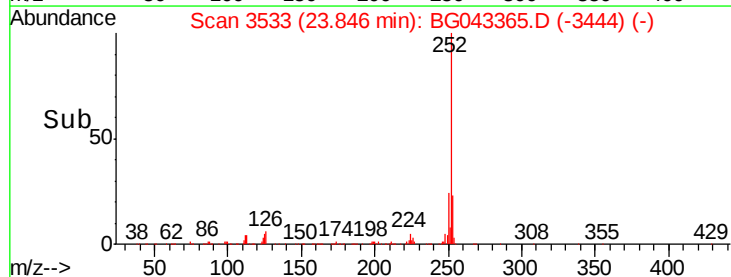
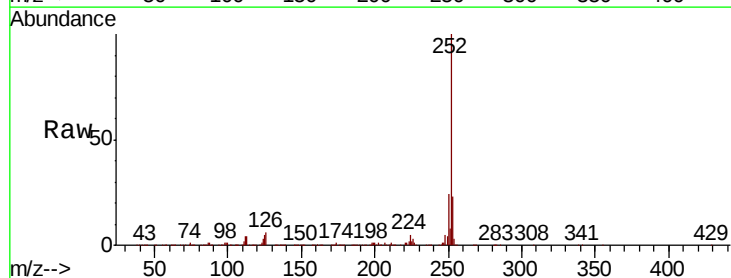
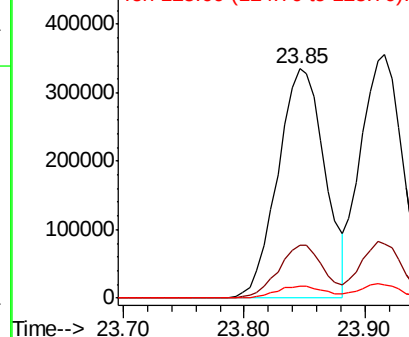
Tgt Ion:	252	Resp:	905333
Ion Ratio		Lower	Upper
252	100		
253	23.2	17.4	26.2
125	5.2	5.0	7.6

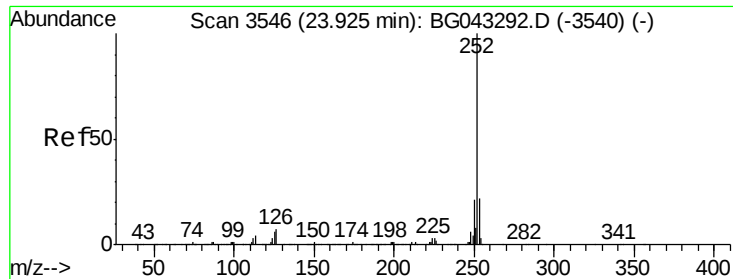
Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 41.725 ng

RT: 23.92 min Scan# 3545

Delta R.T. -0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Instrument :

BNA_G

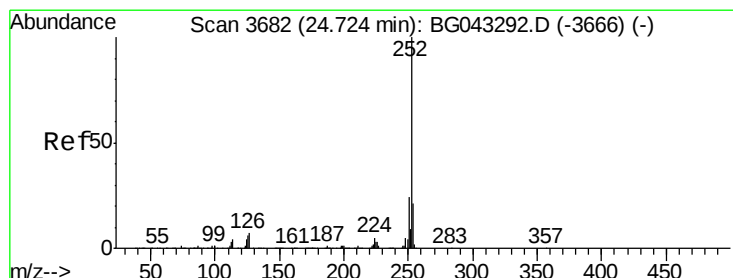
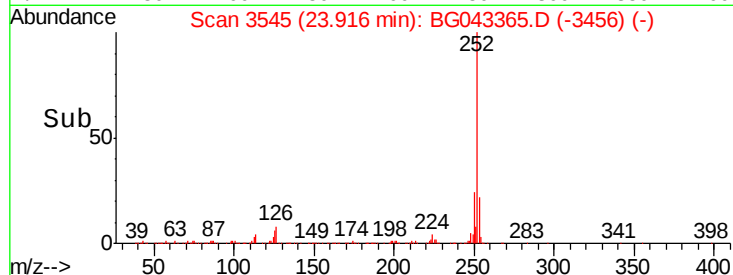
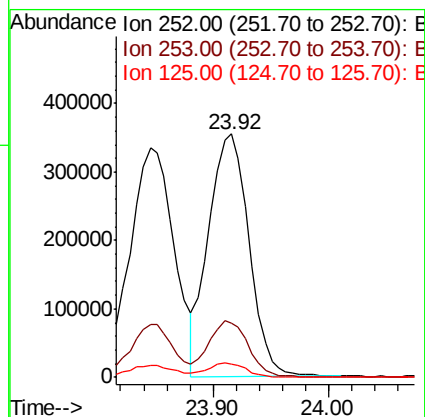
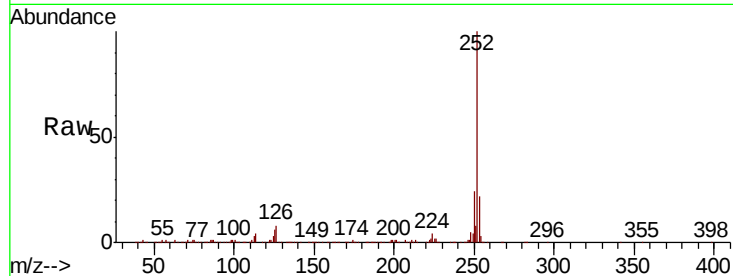
ClientSampleId :

162-36-(0-1)MSD

Tot Ion:	252	Resp:	862458
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.6	26.4
125	5.7	4.5	6.7

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#90

Benzo(a)pyrene

Concen: 41.944 ng

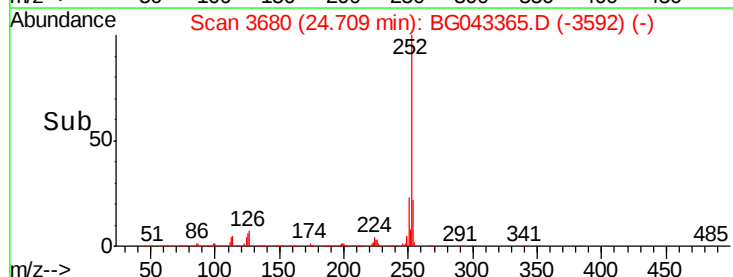
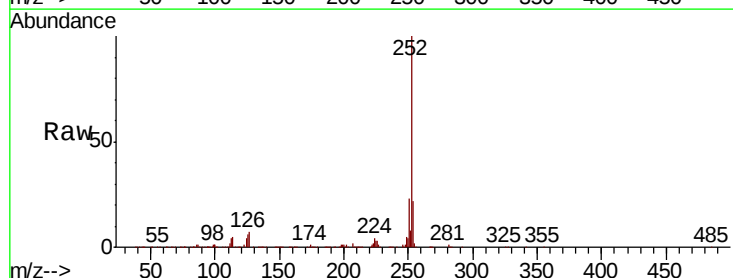
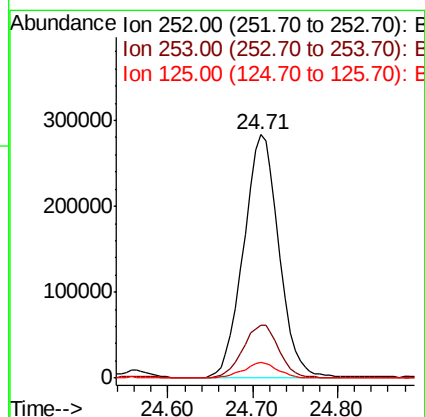
RT: 24.71 min Scan# 3680

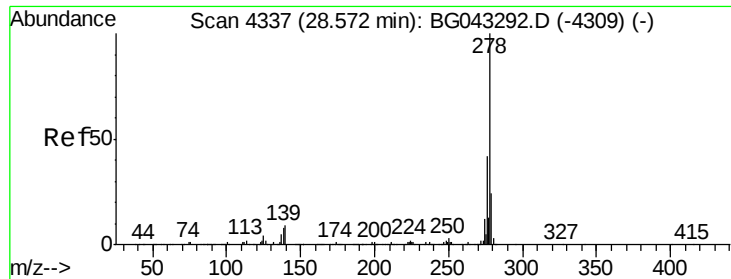
Delta R.T. -0.01 min

Lab File: BG043365.D

Acq: 29 Oct 2019 00:43

Tgt Ion:	252	Resp:	822390
Ion Ratio	Lower	Upper	
252	100		
253	21.6	17.2	25.8
125	6.3	5.0	7.6





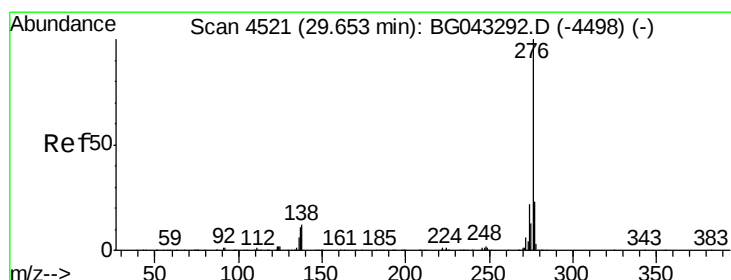
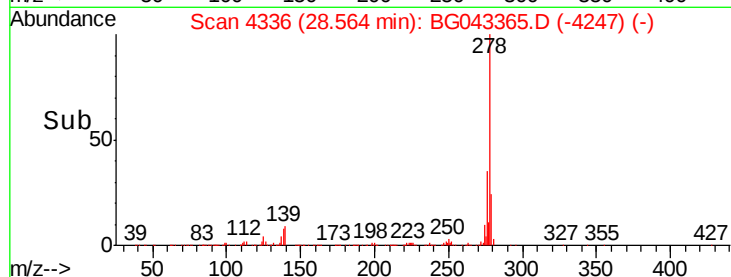
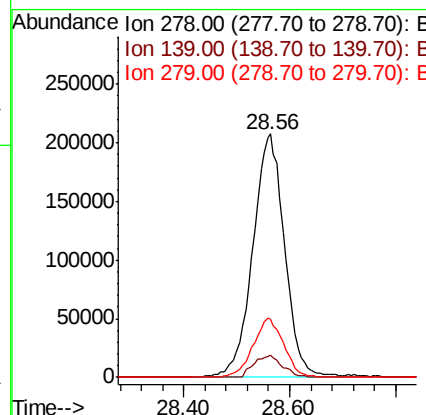
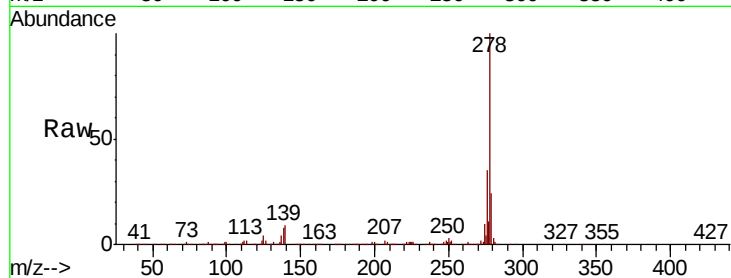
#91
Dibenzo(a,h)anthracene
Concen: 42.875 ng
RT: 28.56 min Scan# 4336
Delta R.T. -0.01 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Instrument :
BNA_G
ClientSampleId :
162-36-(0-1)MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	9.0	6.8	10.2
279	23.8	19.0	28.6

Manual Integrations
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#92
Benzo(g,h,i)perylene
Concen: 44.400 ng
RT: 29.65 min Scan# 4521
Delta R.T. -0.00 min
Lab File: BG043365.D
Acq: 29 Oct 2019 00:43

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.4	18.3	27.5
138	11.0	9.3	13.9

