

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG102919\
 Data File : BG043393.D
 Acq On : 30 Oct 2019 4:36
 Operator : JU
 Sample : K5140-09MSD
 Misc :
 ALS Vial : 24 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-102519MSD

Manual Integrations
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 10/30/2019 4:54:44 PM

Quant Time: Oct 30 09:07:48 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	47068	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	178295	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	124482	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	282565	20.00	ng	0.00
76) Chrysene-d12	21.67	240	315854	20.00	ng	0.00
87) Perylene-d12	24.86	264	374020	20.00	ng	-0.01

System Monitoring Compounds

5) 2-Fluorophenol	5.61	112	334179	130.10	ng	0.00
7) Phenol-d6	7.22	99	440042	119.07	ng	0.01
23) Nitrobenzene-d5	9.19	82	283700	82.03	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	287927	121.54	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	731125	81.16	ng	0.00
79) Terphenyl-d14	20.00	244	1423714	84.56	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.50	88	35319	35.285	ng	# 12
3) Pyridine	3.91	79	89155	35.309	ng	96
4) n-Nitrosodimethylamine	3.81	42	57596	45.205	ng	94
6) Aniline	7.36	93	42297	9.935	ng	98
8) 2-Chlorophenol	7.60	128	129089	45.527	ng	99
9) Benzaldehyde	7.16	77	62838	34.599	ng	83
10) Phenol	7.24	94	152161	45.058	ng	95
11) bis(2-Chloroethyl)ether	7.45	93	113283	43.388	ng	98
12) 1,3-Dichlorobenzene	7.92	146	140933	39.671	ng	99
13) 1,4-Dichlorobenzene	8.06	146	141955	39.494	ng	99
14) 1,2-Dichlorobenzene	8.38	146	136076	38.774	ng	98
15) Benzyl Alcohol	8.27	79	112105	43.193	ng	93
16) 2,2'-oxybis(1-Chloropropan	8.55	45	147944	38.969	ng	98
17) 2-Methylphenol	8.49	107	109384	44.432	ng	98
18) Hexachloroethane	9.11	117	52114	40.187	ng	96
19) n-Nitroso-di-n-propylamine	8.83	70	96074	40.232	ng	98
20) 3+4-Methylphenols	8.82	107	146214	43.312	ng	89
22) Acetophenone	8.85	105	193746	42.433	ng	# 99
24) Nitrobenzene	9.23	77	146088	44.343	ng	99
25) Isophorone	9.75	82	273168	43.203	ng	98
26) 2-Nitrophenol	9.94	139	75496	47.466	ng	99
27) 2,4-Dimethylphenol	10.01	122	117051	51.346	ng	95
28) bis(2-Chloroethoxy)methane	10.23	93	148250	42.482	ng	98
29) 2,4-Dichlorophenol	10.49	162	140244	48.015	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	156626	42.546	ng	96
31) Naphthalene	10.88	128	408727	45.162	ng	100
32) Benzoic acid	10.18	122	60496	37.252	ng	94
33) 4-Chloroaniline	11.02	127	10879	2.933	ng	96
34) Hexachlorobutadiene	11.17	225	108595	39.905	ng	95
35) Caprolactam	11.77	113	36676m	36.459	ng	
36) 4-Chloro-3-methylphenol	12.13	107	148403	46.579	ng	97
37) 2-Methylnaphthalene	12.48	142	305850	44.045	ng	98
38) 1-Methylnaphthalene	12.70	142	287611	43.531	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	198582	43.105	ng	99

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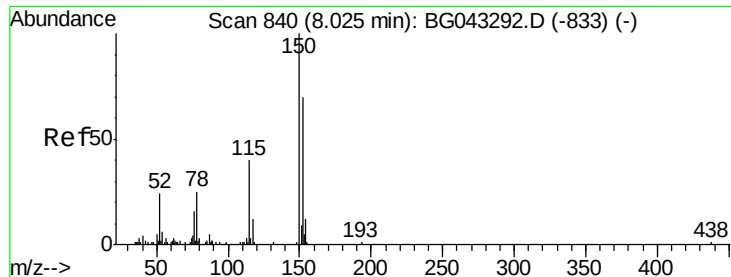
Manual Integrations
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 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	201379	83.213	nq	96
43) 2,4,6-Trichlorophenol	13.09	196	126439	46.604	nq	98
44) 2,4,5-Trichlorophenol	13.18	196	135237	49.306	nq	98
46) 1,1'-Biphenyl	13.49	154	410175	43.314	nq	100
47) 2-Chloronaphthalene	13.53	162	314523	43.651	nq	98
48) 2-Nitroaniline	13.74	65	94169	43.728	nq	96
49) Acenaphthylene	14.37	152	510285	45.504	nq	98
50) Dimethylphthalate	14.11	163	417967	43.349	nq	99
51) 2,6-Dinitrotoluene	14.23	165	96816	46.219	nq	92
52) Acenaphthene	14.71	154	304223	44.485	nq	97
53) 3-Nitroaniline	14.56	138	24785	12.255	nq	99
54) 2,4-Dinitrophenol	14.77	184	84986	66.340	nq	96
55) Dibenzofuran	15.05	168	494666	44.604	nq	99
56) 4-Nitrophenol	14.90	139	134195	99.017	nq	95
57) 2,4-Dinitrotoluene	15.01	165	129618	43.299	nq	94
58) Fluorene	15.70	166	413027	44.404	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.28	232	139098	47.732	nq	# 99
60) Diethylphthalate	15.47	149	408397	42.154	nq	96
61) 4-Chlorophenyl-phenylether	15.69	204	240291	44.283	nq	99
62) 4-Nitroaniline	15.73	138	77617	37.162	nq	94
63) Azobenzene	15.98	77	349804	44.613	nq	98
65) 4,6-Dinitro-2-methylphenol	15.78	198	71057	42.731	nq	95
66) n-Nitrosodiphenylamine	15.91	169	363500	45.565	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	167803	44.127	nq	98
68) Hexachlorobenzene	16.71	284	187444	42.942	nq	96
69) Atrazine	16.85	200	156225	56.358	nq	97
70) Pentachlorophenol	17.05	266	215244	108.219	nq	96
71) Phenanthrene	17.44	178	646971	44.713	nq	99
72) Anthracene	17.53	178	675666	46.672	nq	100
73) Carbazole	17.81	167	598565	45.657	nq	99
74) Di-n-butylphthalate	18.35	149	716011	45.012	nq	99
75) Fluoranthene	19.44	202	852941	45.216	nq	98
77) Benzidine	19.63	184	136081	21.408	nq	99
78) Pyrene	19.81	202	863166	44.150	nq	99
80) Butylbenzylphthalate	20.69	149	330598	44.633	nq	97
81) Benzo(a)anthracene	21.64	228	913208	46.157	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	163348	21.346	nq	96
83) Chrysene	21.71	228	874662	44.494	nq	97
84) Bis(2-ethylhexyl)phthalate	21.54	149	483349	45.938	nq	99
85) Di-n-octyl phthalate	22.75	149	825378	46.237	nq	100
86) Indeno(1,2,3-cd)pyrene	28.51	276	1165049	47.215	nq	99
88) Benzo(b)fluoranthene	23.85	252	947105	44.710	nq	97
89) Benzo(k)fluoranthene	23.92	252	987070	46.286	nq	100
90) Benzo(a)pyrene	24.71	252	894360	44.213	nq	99
91) Dibenzo(a,h)anthracene	28.56	278	978347	47.284	nq	98
92) Benzo(g,h,i)perylene	29.64	276	977117	47.876	nq	97

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



#1

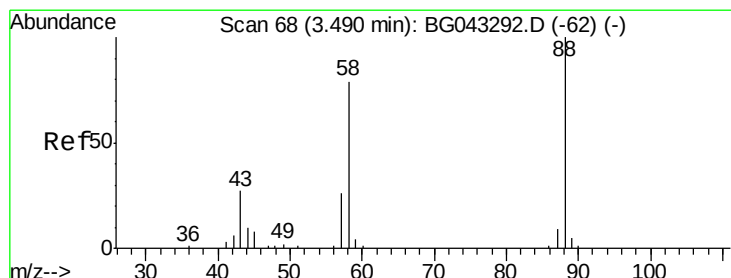
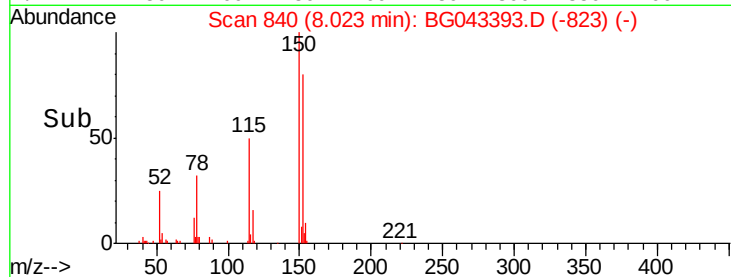
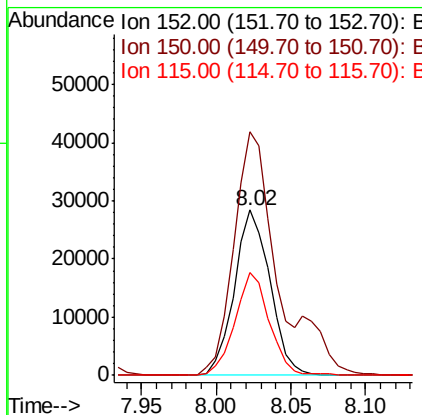
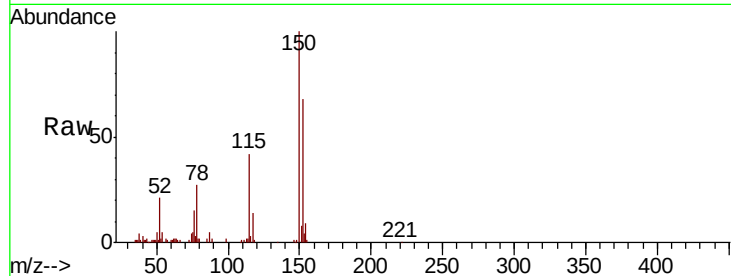
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.3	113.6	170.4
115	62.5	45.9	68.9

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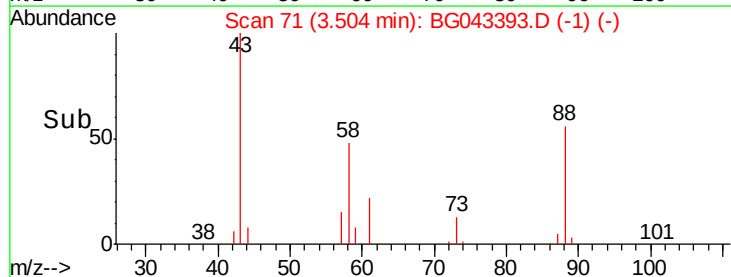
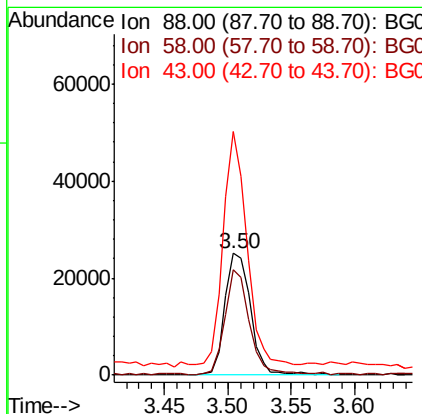
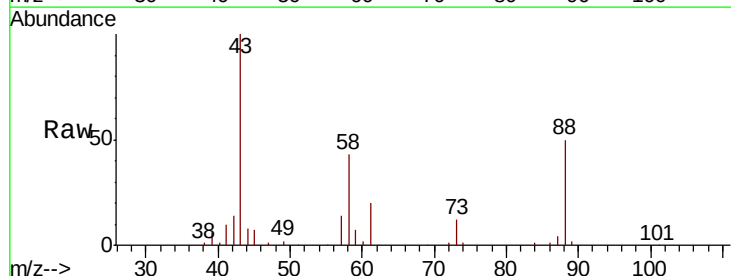
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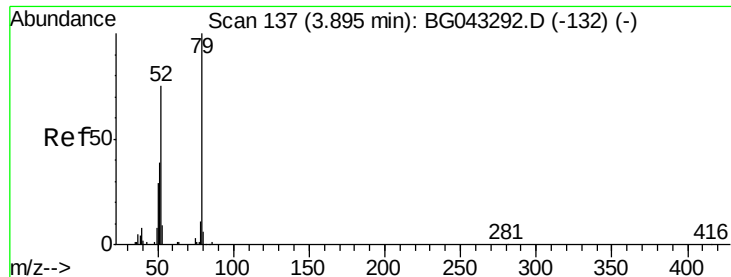


#2

1,4-Dioxane
Concen: 35.285 ng
RT: 3.50 min Scan# 71
Delta R.T. 0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
88	100		
58	83.5	60.2	90.2
43	184.2	22.7	34.1#





#3

Pvridine

Concen: 35.309 ng

RT: 3.91 min Scan# 140

Delta R.T. 0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

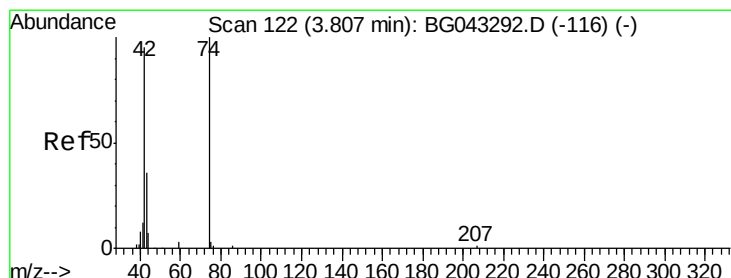
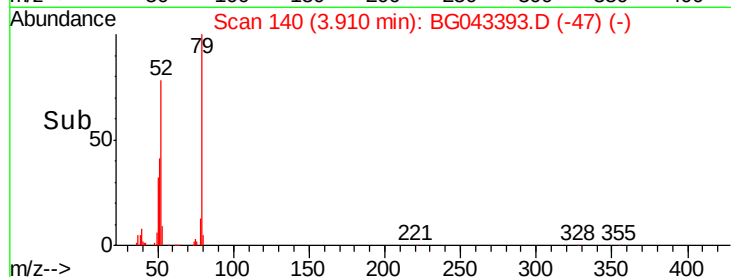
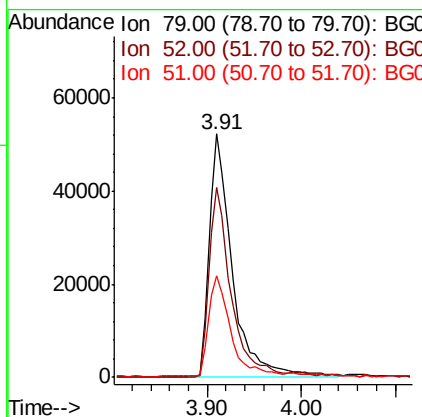
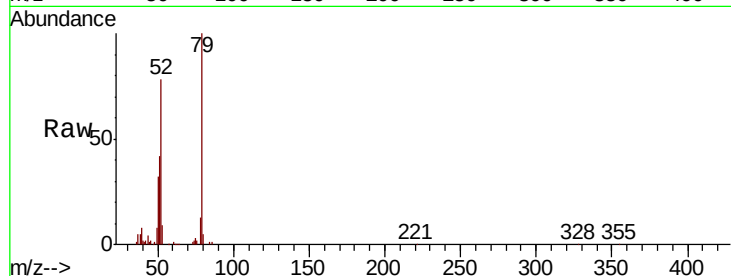
ClientSampleId :

HR-06-102519MSD

Tot Ion:	79	Resp:	89155
Ion Ratio	Lower	Upper	
79	100		
52	78.1	59.7	89.5
51	41.9	31.8	47.6

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#4

n-Nitrosodimethylamine

Concen: 45.205 ng

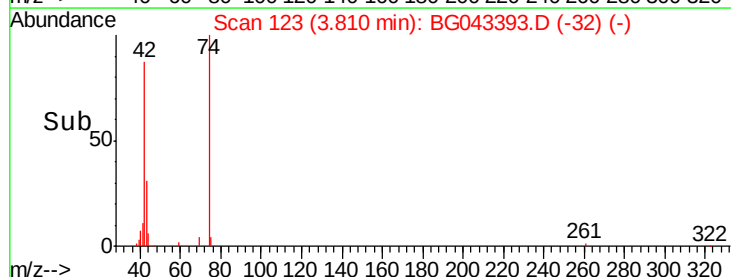
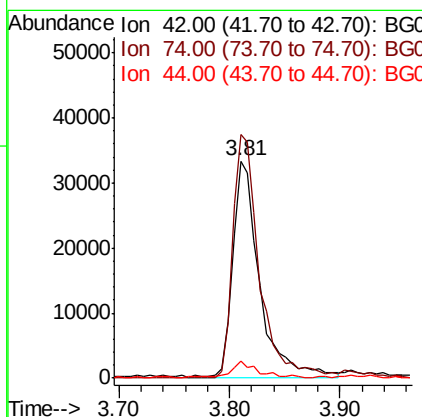
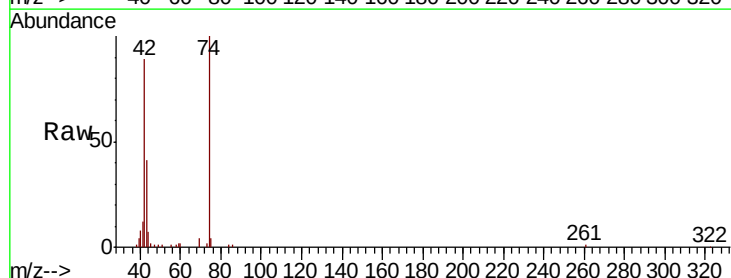
RT: 3.81 min Scan# 123

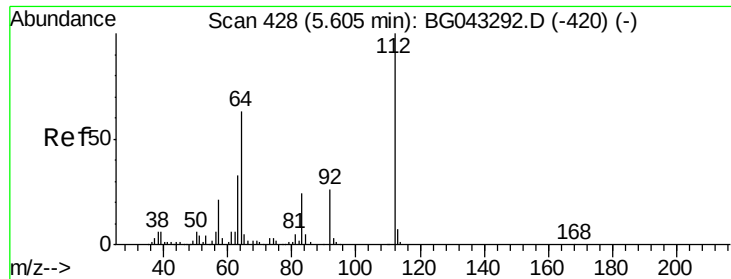
Delta R.T. 0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Tgt Ion:	42	Resp:	57596
Ion Ratio	Lower	Upper	
42	100		
74	112.2	84.2	126.2
44	7.9	6.0	9.0





#5

2-Fluorophenol

Concen: 130.102 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

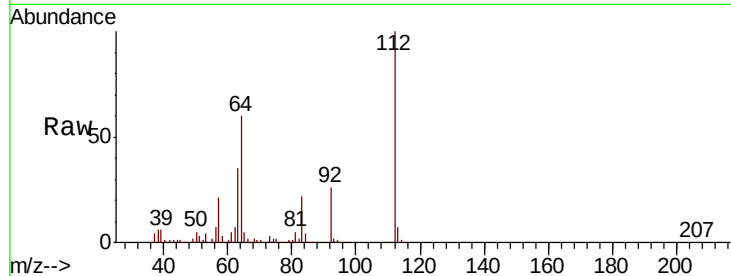
ClientSampleId :

HR-06-102519MSD

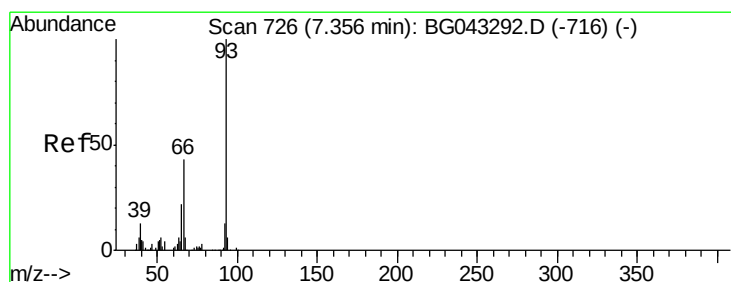
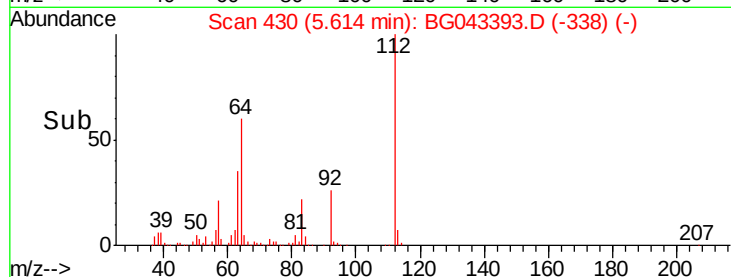
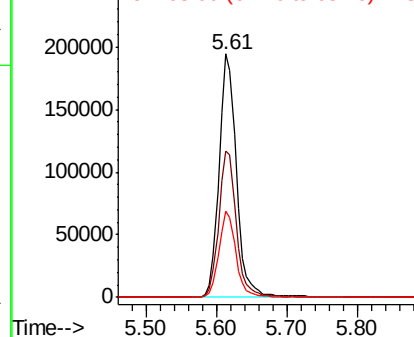
Tot Ion:	112	Resp:	334179
Ion Ratio	Lower	Upper	
112	100		
64	60.2	50.2	75.2
63	35.1	26.7	40.1

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Abundance Ion 112.00 (111.70 to 112.70): BGC
Ion 64.00 (63.70 to 64.70): BGC
Ion 63.00 (62.70 to 63.70): BGC



#6

Aniline

Concen: 9.935 ng

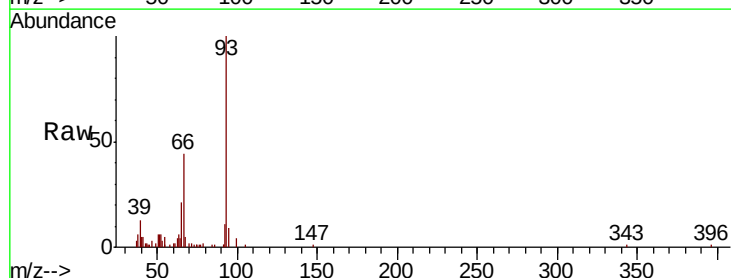
RT: 7.36 min Scan# 727

Delta R.T. 0.00 min

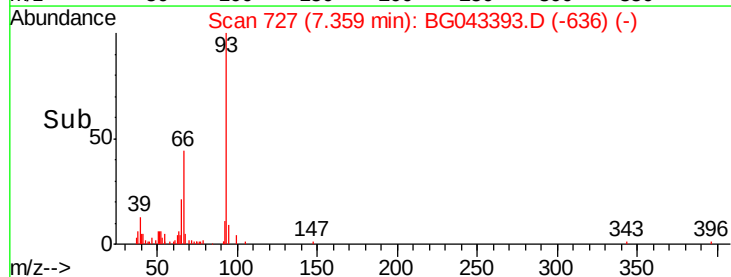
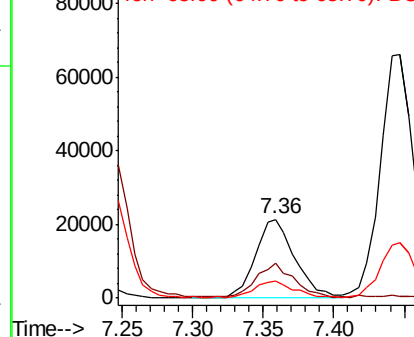
Lab File: BG043393.D

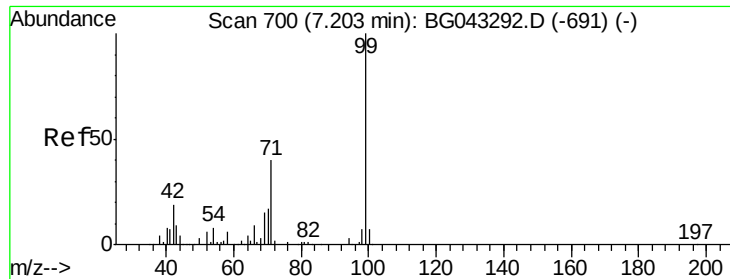
Acq: 30 Oct 2019 4:36

Tgt Ion:	93	Resp:	42297
Ion Ratio	Lower	Upper	
93	100		
66	44.0	34.5	51.7
65	21.3	18.0	27.0



Abundance Ion 93.00 (92.70 to 93.70): BGC
Ion 66.00 (65.70 to 66.70): BGC
Ion 65.00 (64.70 to 65.70): BGC





#7

Phenol-d6

Concen: 119.072 ng

RT: 7.22 min Scan# 703

Delta R.T. 0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

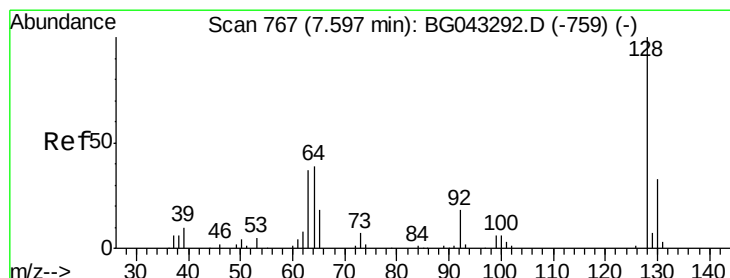
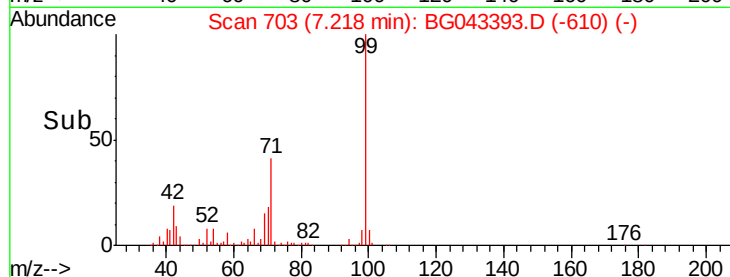
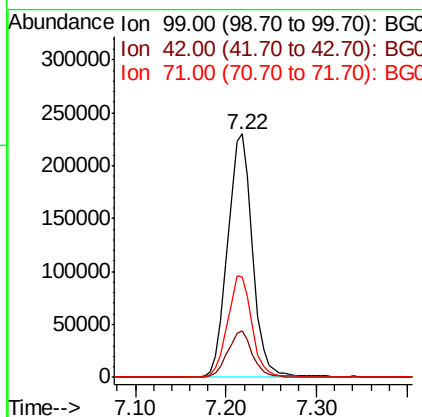
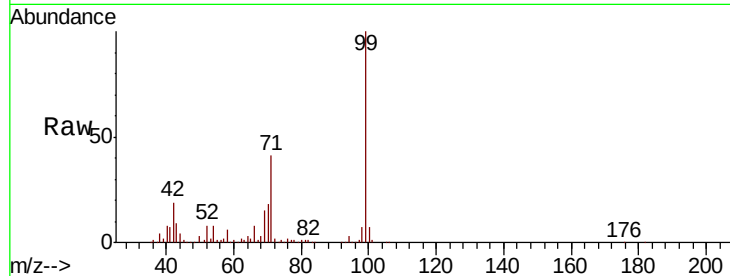
ClientSampleId :

HR-06-102519MSD

Tot Ion:	99	Resp:	440042
Ion Ratio	Lower	Upper	
99	100		
42	19.0	14.9	22.3
71	41.3	32.2	48.2

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#8

2-Chlorophenol

Concen: 45.527 ng

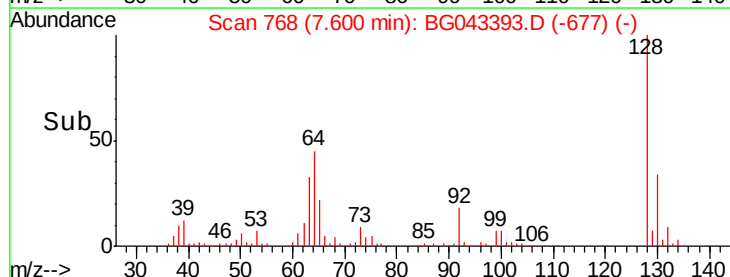
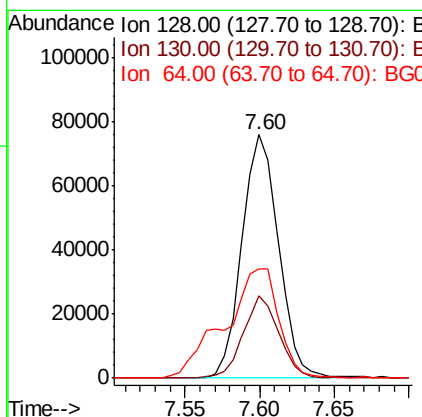
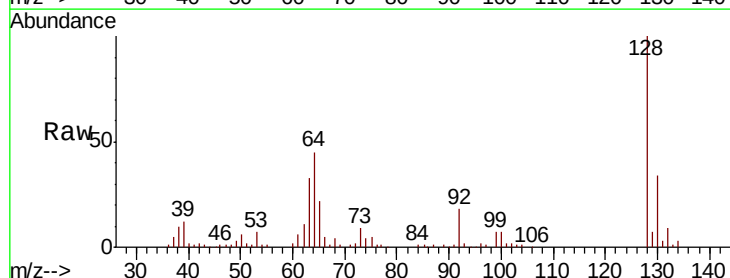
RT: 7.60 min Scan# 768

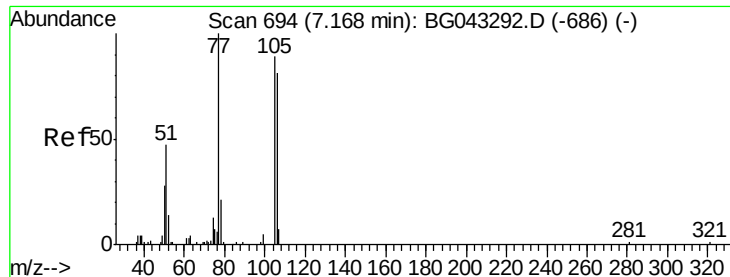
Delta R.T. 0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Tgt Ion:	128	Resp:	129089
Ion Ratio	Lower	Upper	
128	100		
130	33.6	12.9	52.9
64	44.9	24.9	64.9





#9

Benzaldehyde

Concen: 34.599 ng

RT: 7.16 min Scan# 694

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

HR-06-102519MSD

Tot Ion: 77 Resp: 62838

Ion Ratio Lower Upper

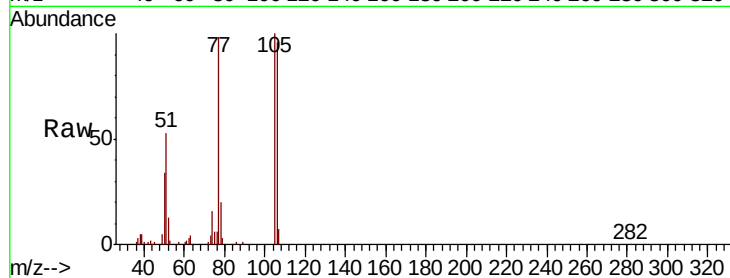
77 100

105 102.4 68.7 108.7

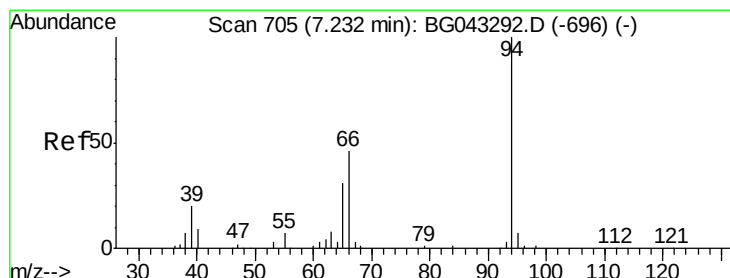
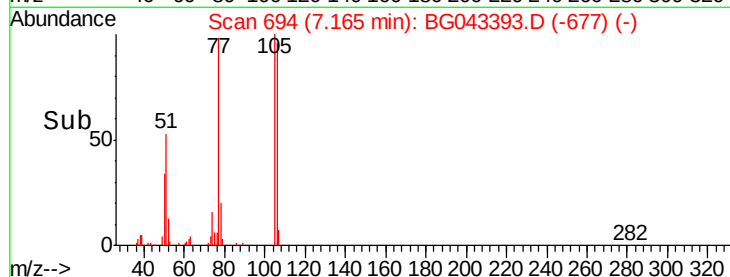
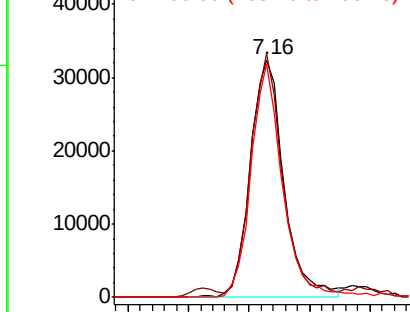
106 98.4 60.5 100.5

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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 45.058 ng

RT: 7.24 min Scan# 707

Delta R.T. 0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

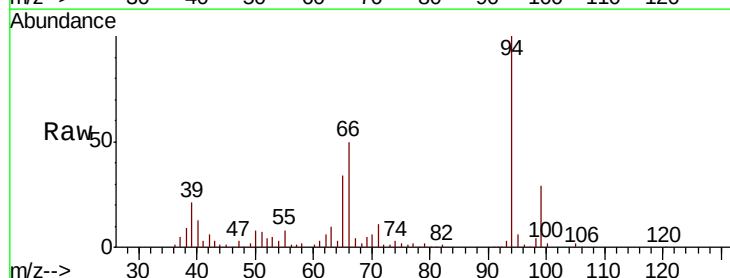
Tgt Ion: 94 Resp: 152161

Ion Ratio Lower Upper

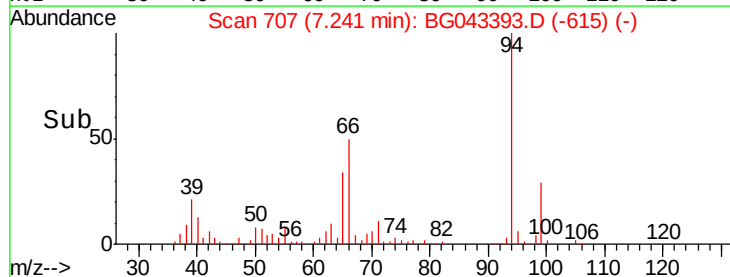
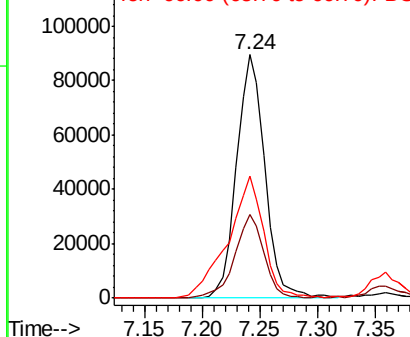
94 100

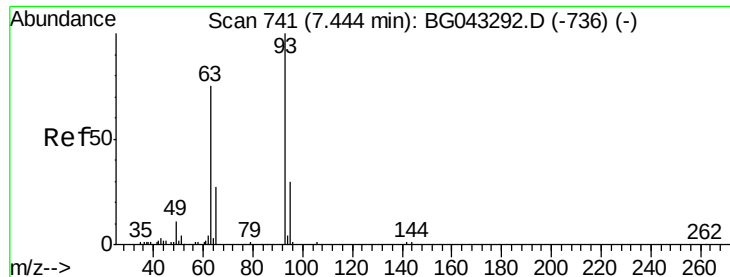
65 34.4 11.1 51.1

66 50.3 27.8 67.8



Abundance Ion 94.00 (93.70 to 94.70): BGC
Ion 65.00 (64.70 to 65.70): BGC
Ion 66.00 (65.70 to 66.70): BGC





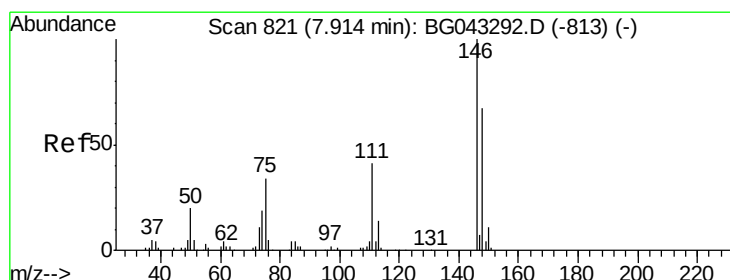
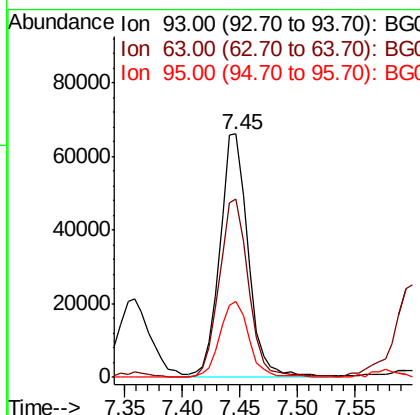
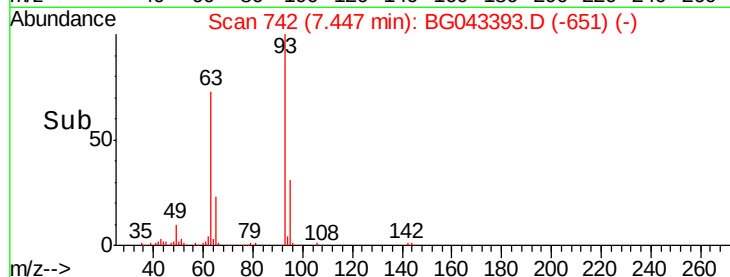
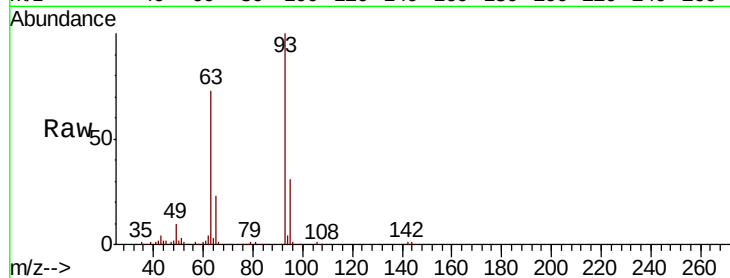
#11
bis(2-Chloroethyl)ether
Concen: 43.388 ng
RT: 7.45 min Scan# 742
Delta R.T. 0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.1	54.6	94.6
95	31.2	9.7	49.7

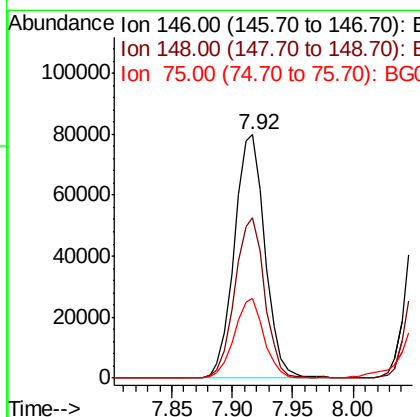
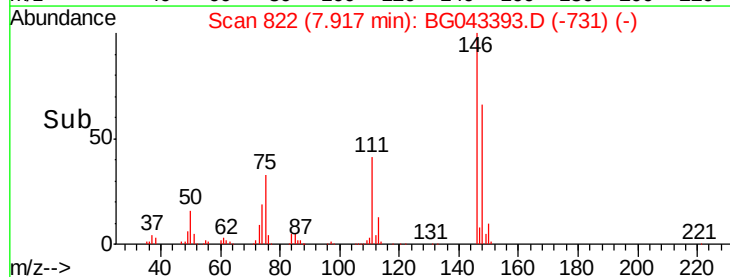
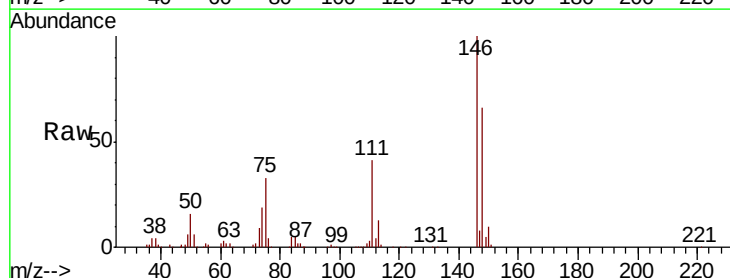
Manual Integrations
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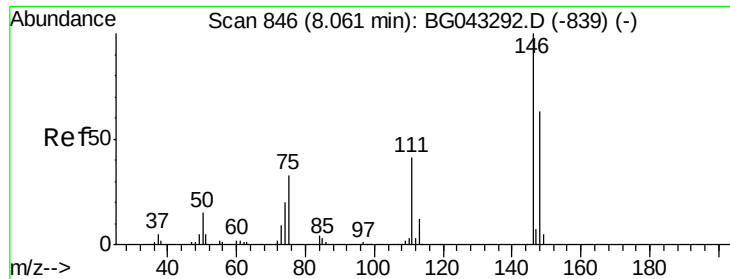
mohammad
10/30/2019 4:54:44 PM



#12
1,3-Dichlorobenzene
Concen: 39.671 ng
RT: 7.92 min Scan# 822
Delta R.T. 0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.7	53.4	80.2
75	32.8	27.0	40.4





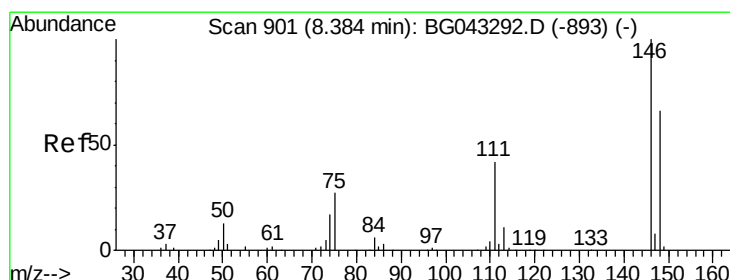
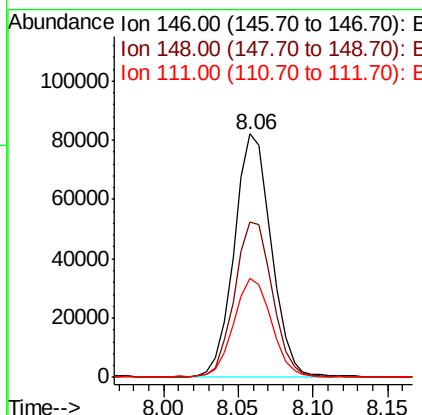
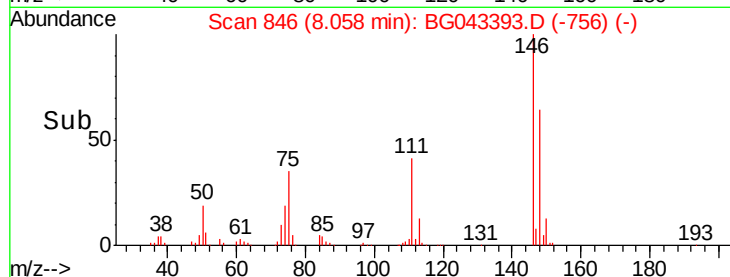
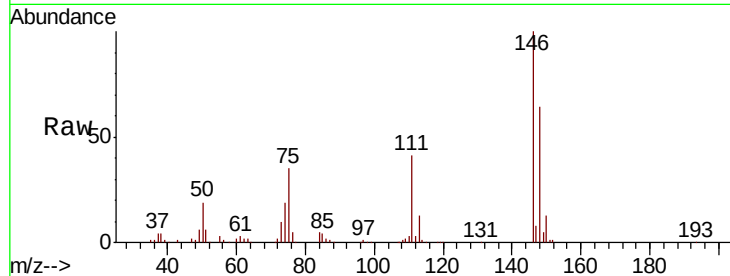
#13
 1,4-Dichlorobenzene
 Concen: 39.494 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-102519MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.6	50.7	76.1
111	40.7	33.0	49.6

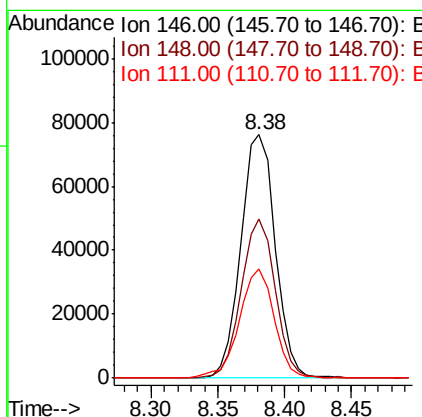
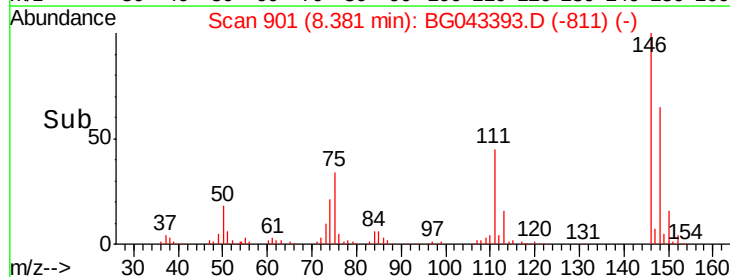
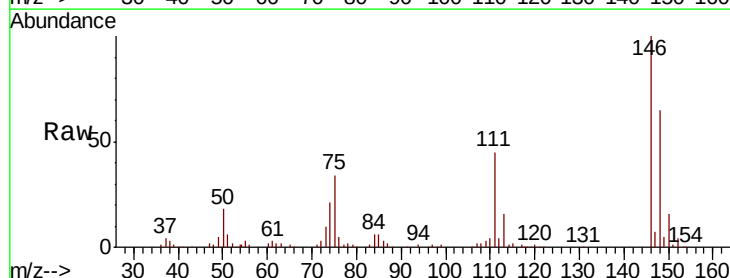
Manual Integrations
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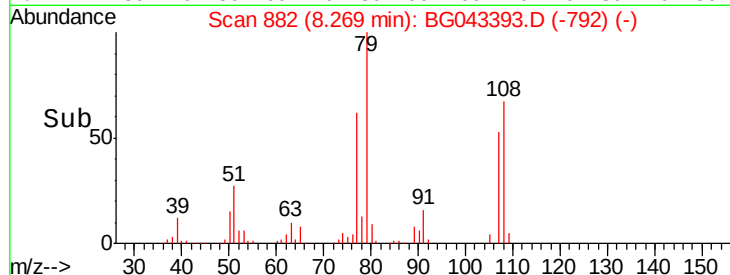
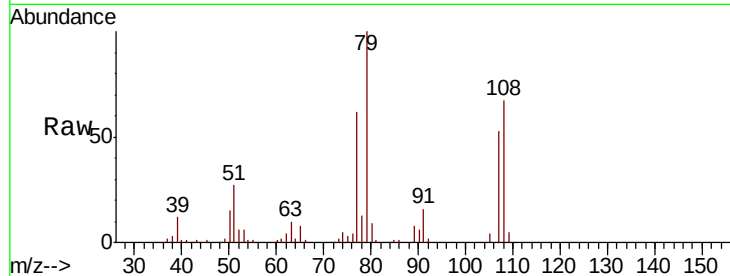
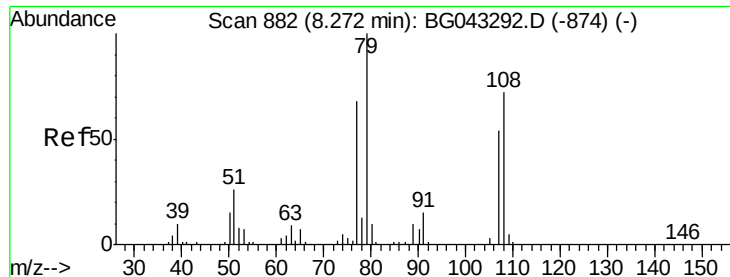
mohammad
 10/30/2019 4:54:44 PM



#14
 1,2-Dichlorobenzene
 Concen: 38.774 ng
 RT: 8.38 min Scan# 901
 Delta R.T. -0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.5	53.0	79.4
111	44.8	34.5	51.7





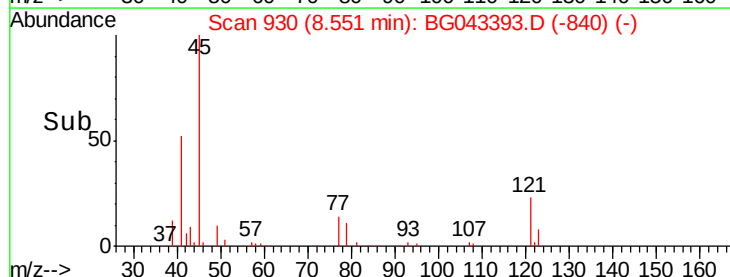
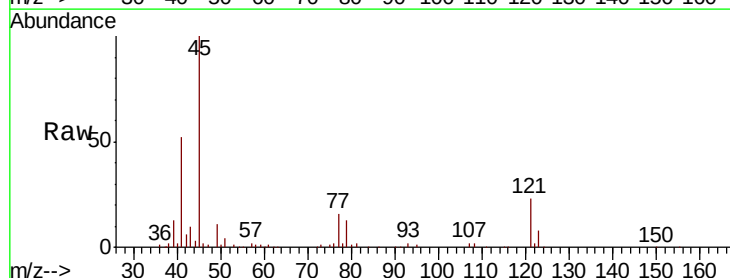
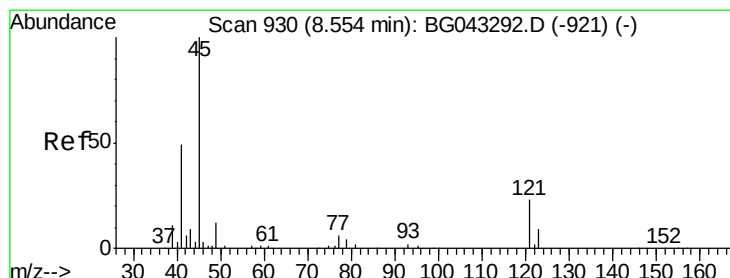
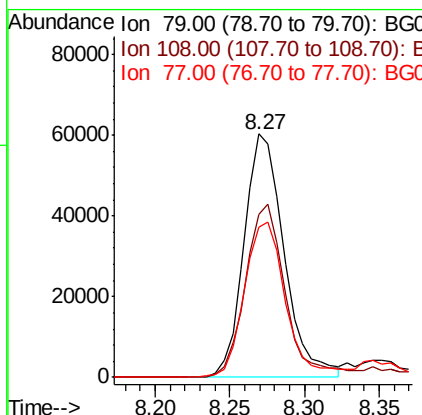
#15
Benzyl Alcohol
Concen: 43.193 ng
RT: 8.27 min Scan# 882
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tot Ion	Ratio	Lower	Upper
79	100		
108	67.0	57.3	85.9
77	61.8	54.6	81.8

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

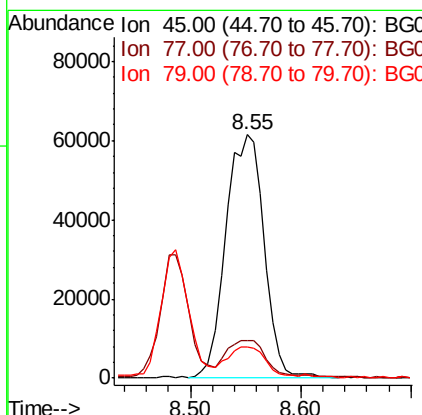
Manual Integrations
APPROVED

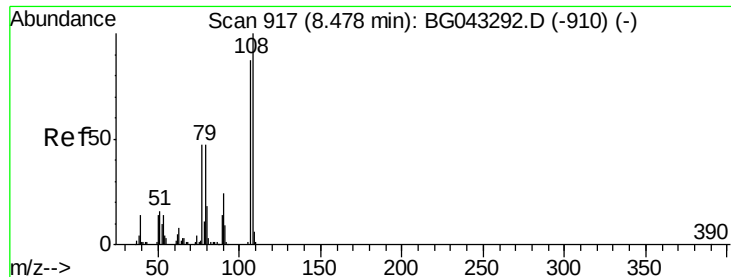
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#16
2,2'-oxybis(1-Chloropropane)
Concen: 38.969 ng
RT: 8.55 min Scan# 930
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
45	100		
77	15.5	0.0	34.2
79	12.9	0.0	32.3





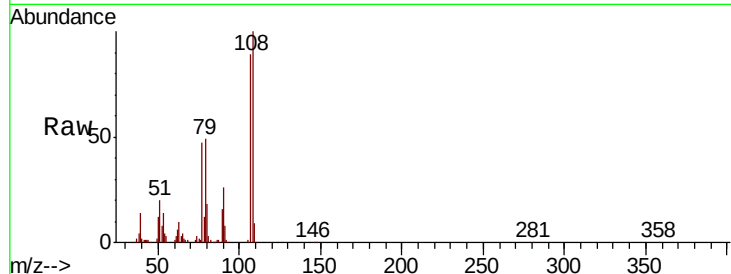
#17
2-Methylphenol
Concen: 44.432 ng
RT: 8.49 min Scan# 919
Delta R.T. 0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	111.8	91.3	136.9	
77	52.6	43.0	64.6	
79	54.6	43.4	65.2	

Manual Integrations
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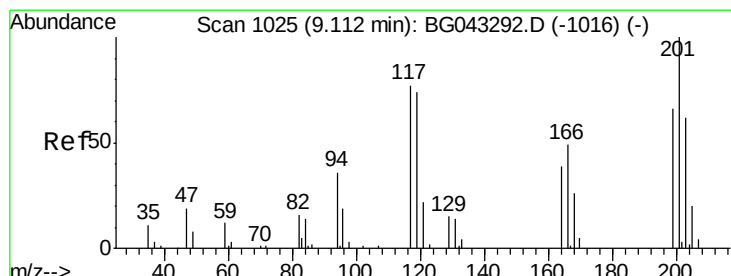
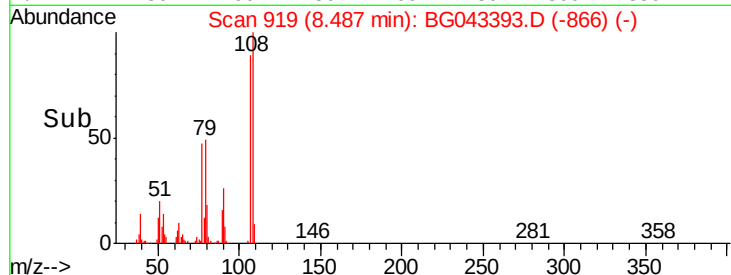
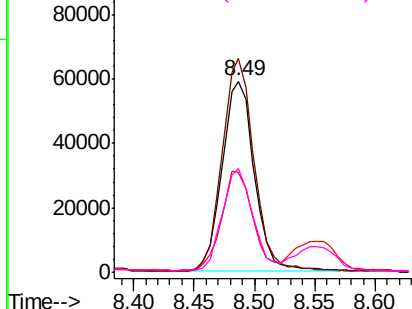
Abundance

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: 40.187 ng
RT: 9.11 min Scan# 1025
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

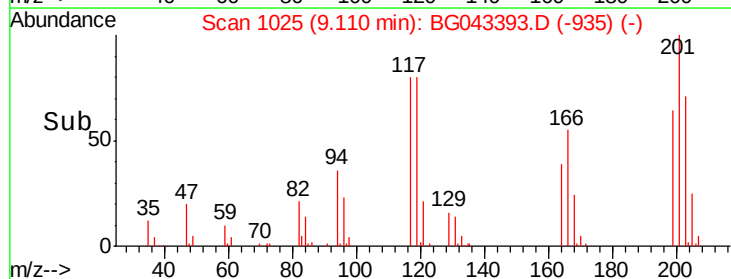
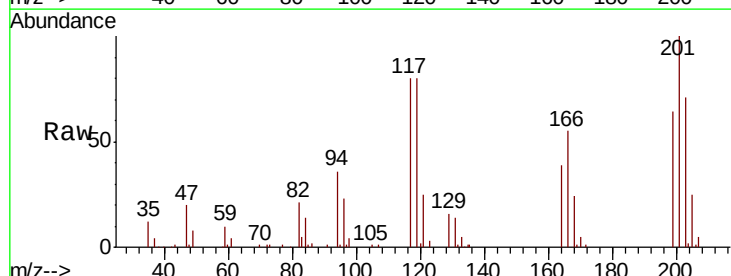
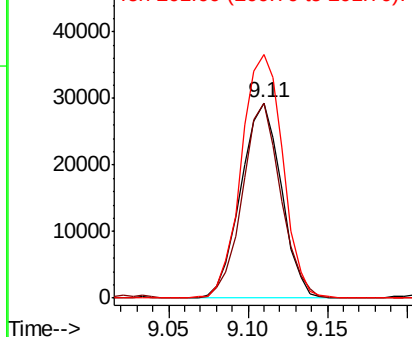
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	100.3	77.3	115.9	
201	124.9	104.2	156.4	

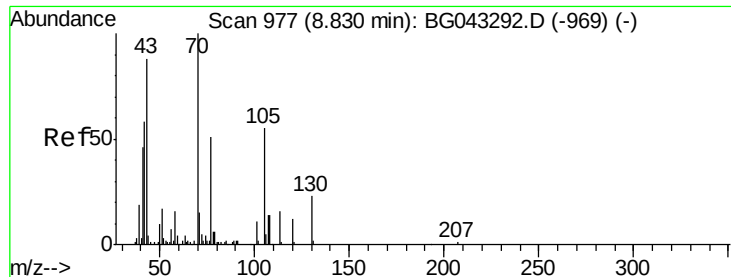
Abundance

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





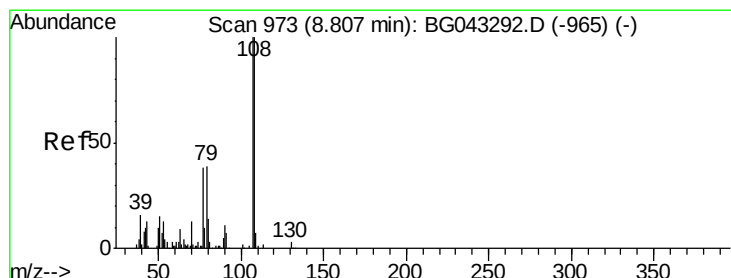
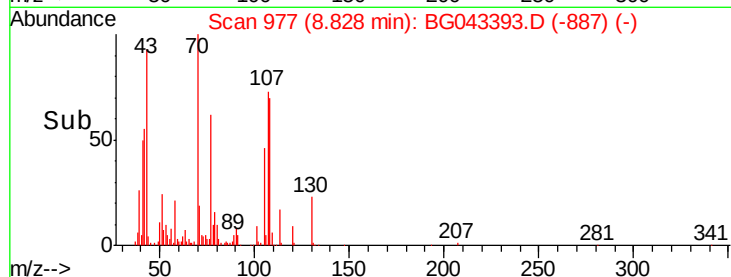
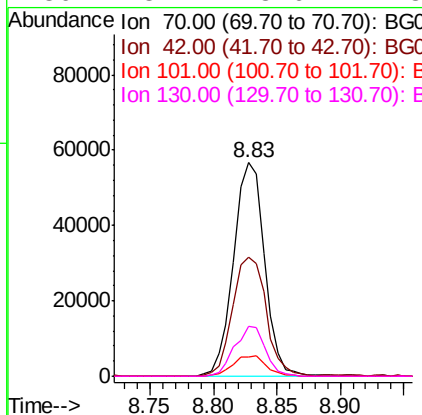
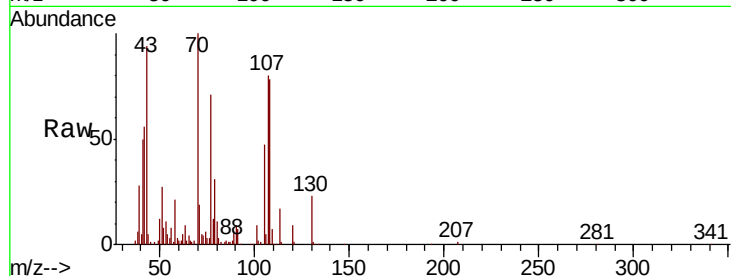
#19
n-Nitroso-di-n-propylamine
Concen: 40.232 ng
RT: 8.83 min Scan# 977
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	55.7	46.2	69.2	
101	9.3	8.6	13.0	
130	23.2	18.6	27.8	

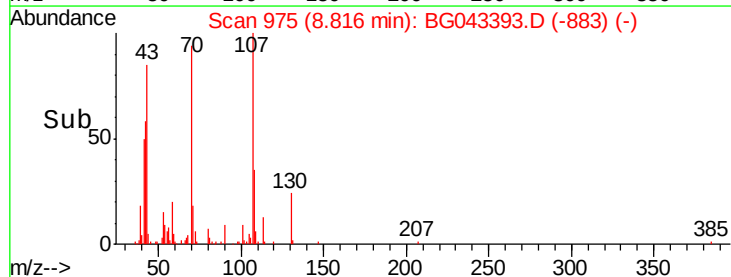
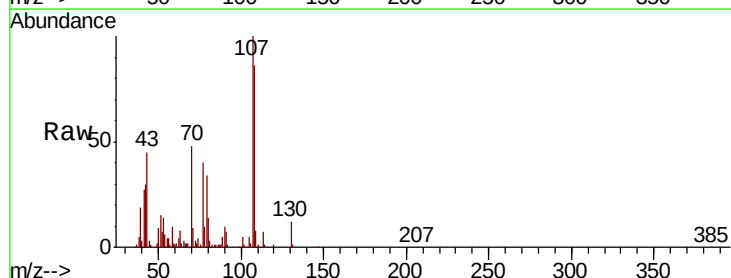
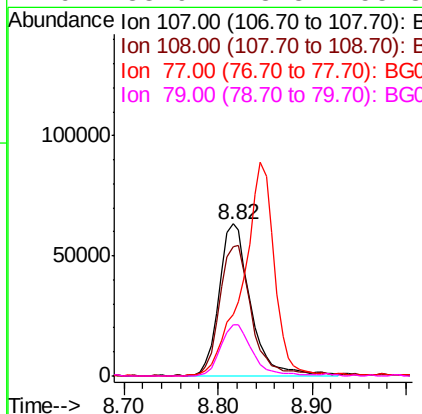
Manual Integrations
APPROVED

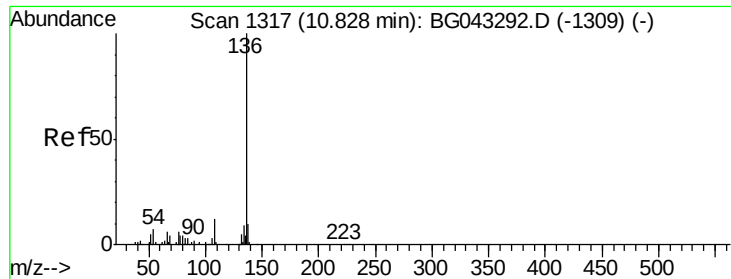
mohammad
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#20
3+4-Methylphenols
Concen: 43.312 ng
RT: 8.82 min Scan# 975
Delta R.T. 0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.6	80.3	120.3	
77	40.2	18.2	58.2	
79	33.9	18.8	58.8	





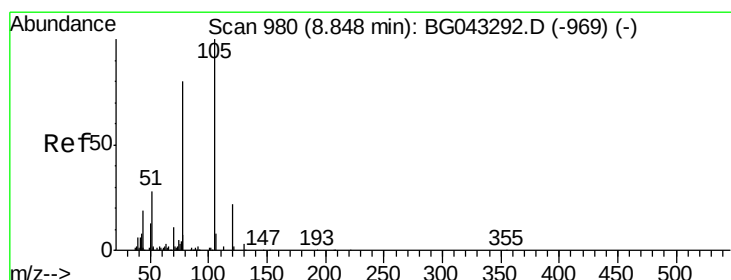
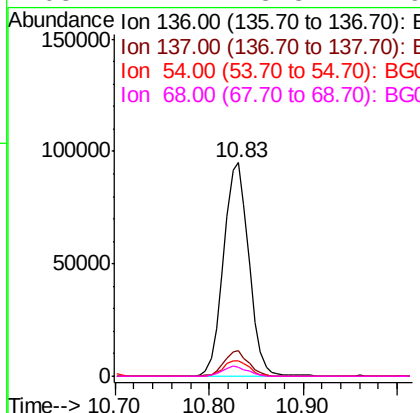
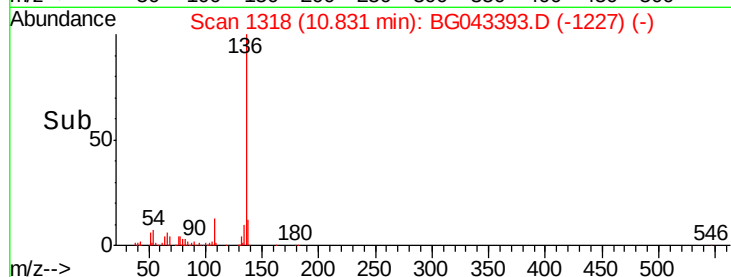
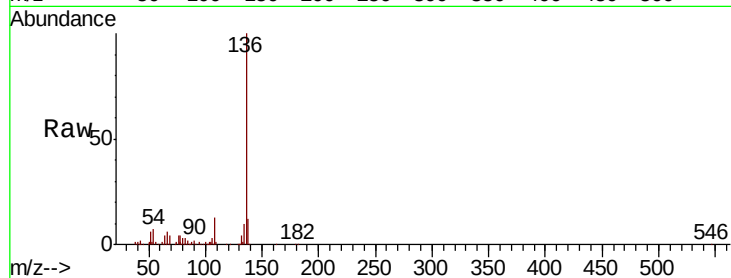
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1318
Delta R.T. 0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	178295		
137	12.0		8.2	12.2
54	7.4		5.4	8.2
68	4.4		3.3	4.9

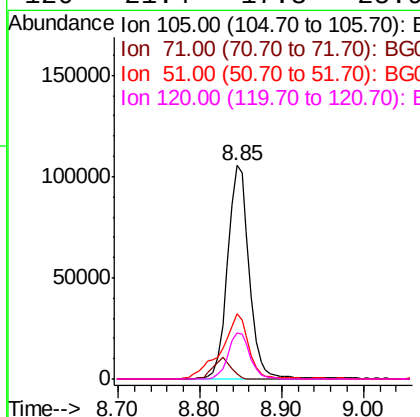
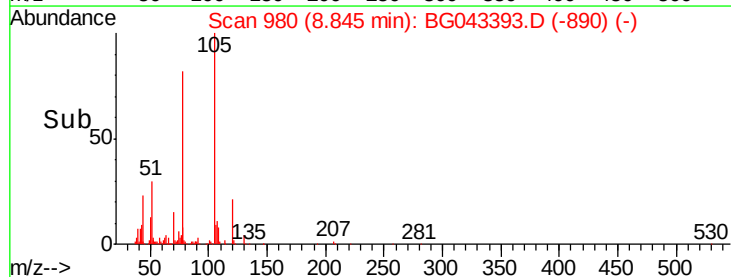
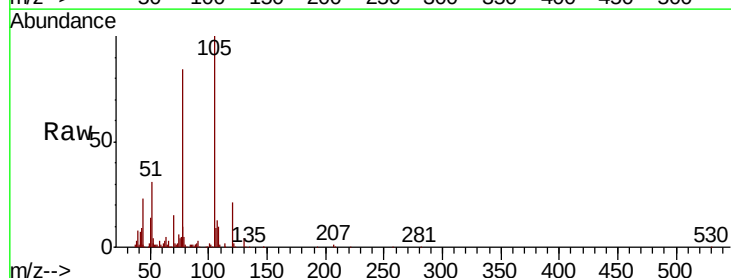
Manual Integrations
APPROVED

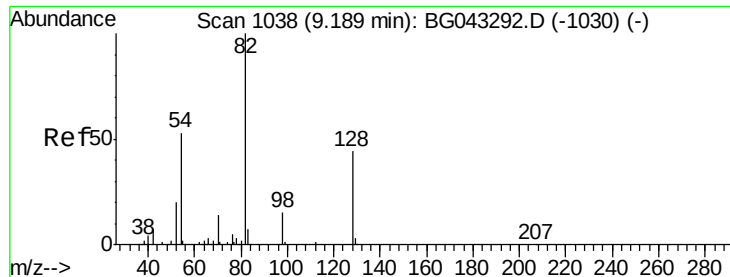
mohammad
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#22
Acetophenone
Concen: 42.433 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	193746		
71	2.5		1.5	2.3#
51	30.6		23.9	35.9
120	21.4		17.3	25.9





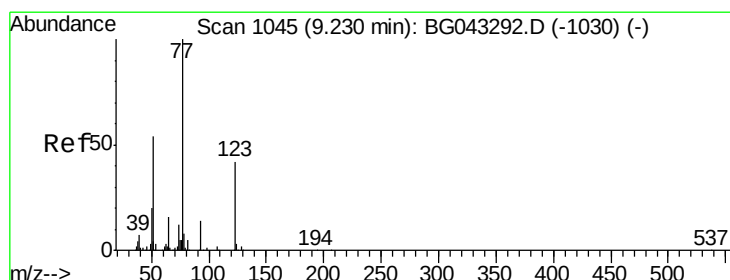
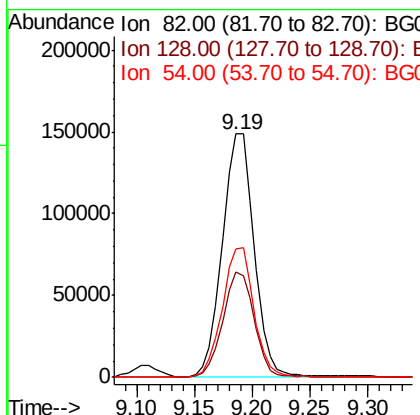
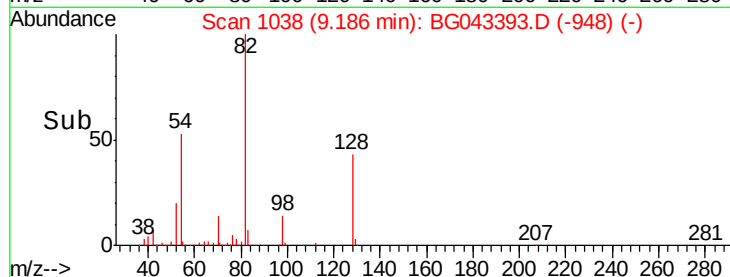
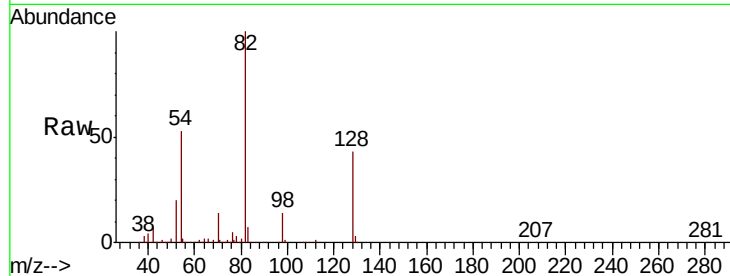
#23
 Nitrobenzene-d5
 Concen: 82.033 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-102519MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	43.2	35.3	52.9
54	52.8	42.3	63.5

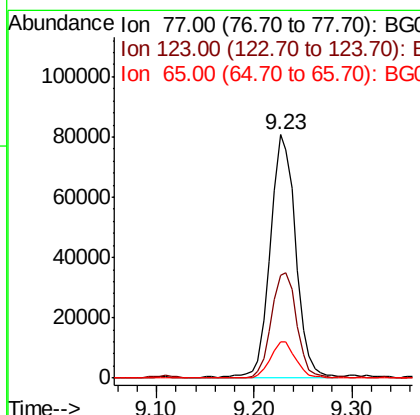
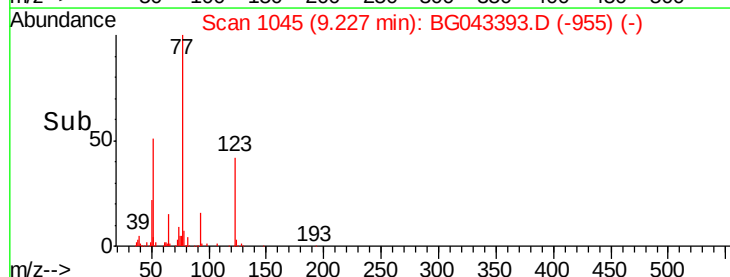
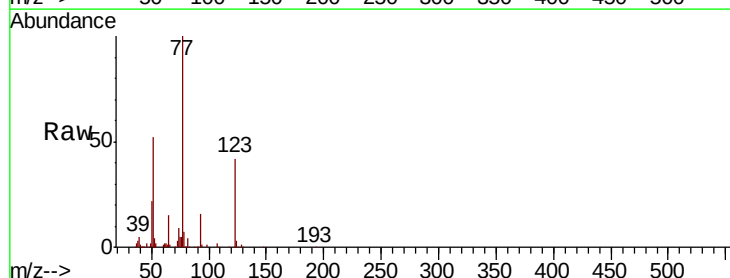
Manual Integrations
 APPROVED

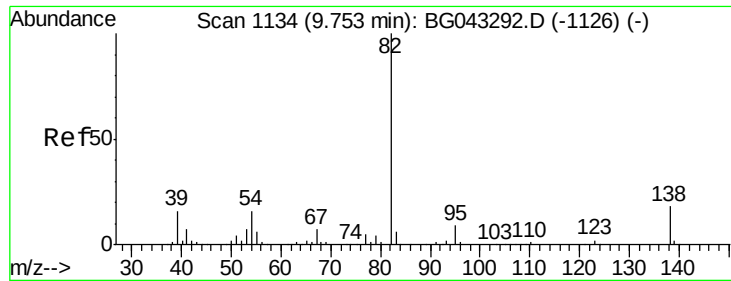
mohammad
 10/30/2019 4:54:44 PM



#24
 Nitrobenzene
 Concen: 44.343 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
77	100		
123	42.1	33.8	50.8
65	14.8	13.0	19.4





#25

Isophorone

Concen: 43.203 ng

RT: 9.75 min Scan# 1134

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

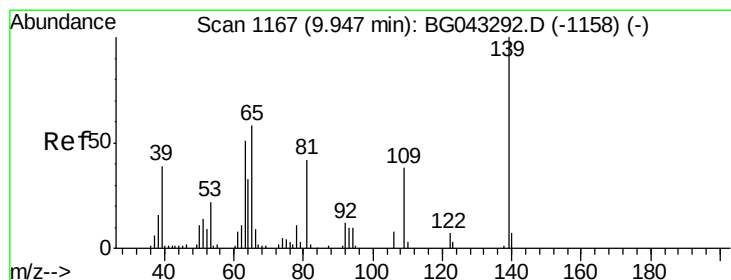
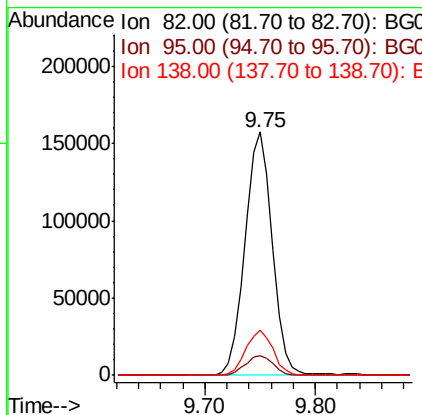
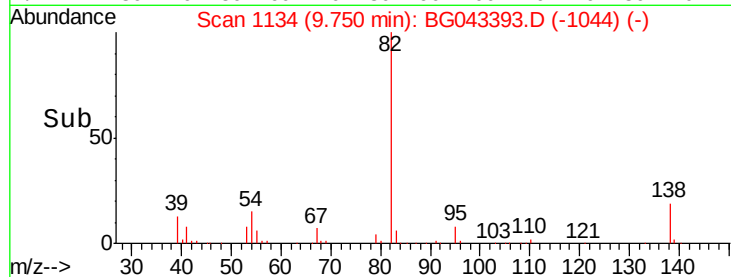
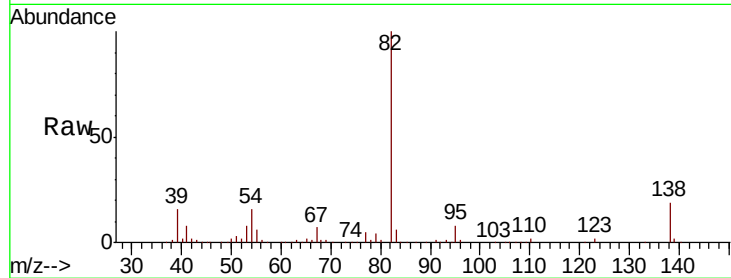
ClientSampleId :

HR-06-102519MSD

Tot Ion:	82	Resp:	273168
Ion Ratio	Lower	Upper	
82	100		
95	8.2	6.9	10.3
138	18.6	14.2	21.2

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.466 ng

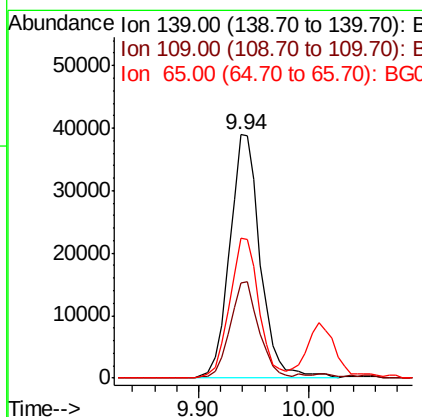
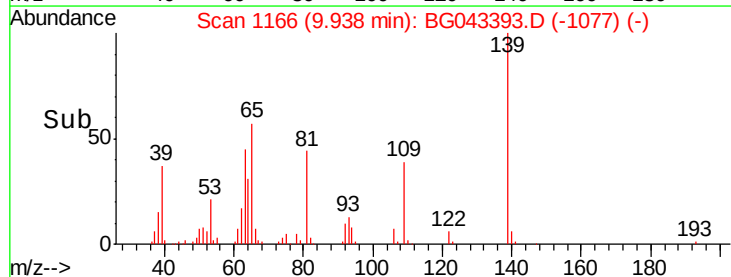
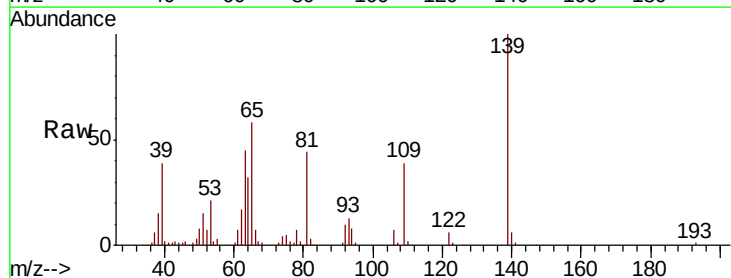
RT: 9.94 min Scan# 1166

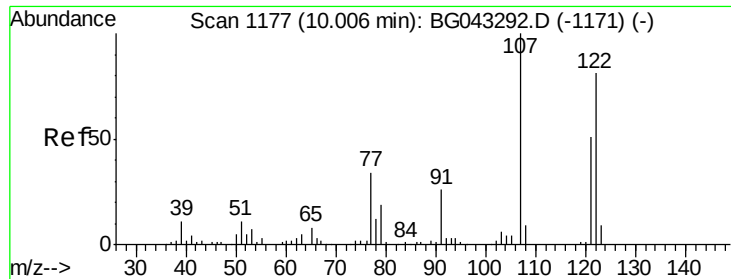
Delta R.T. -0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Tgt Ion:	139	Resp:	75496
Ion Ratio	Lower	Upper	
139	100		
109	39.1	30.1	45.1
65	57.5	46.1	69.1





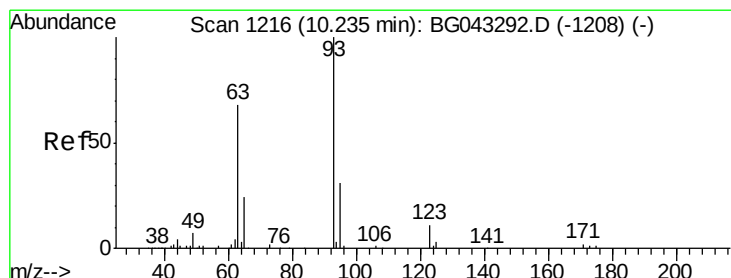
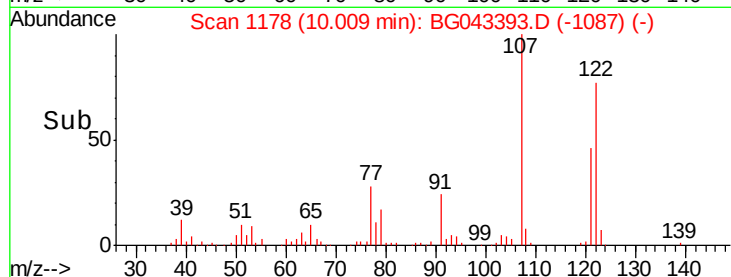
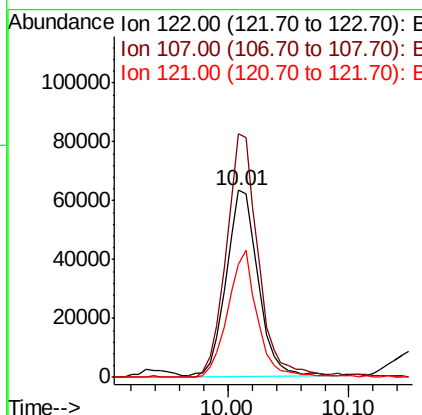
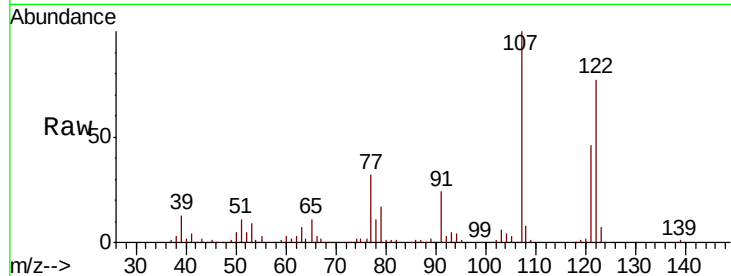
#27
2,4-Dimethylphenol
Concen: 51.346 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Lower	Upper
122	100		
107	130.3	98.6	147.8
121	60.2	50.1	75.1

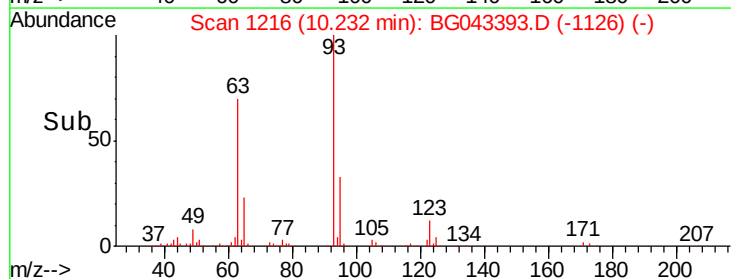
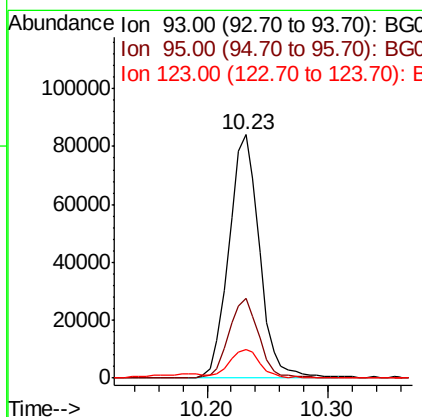
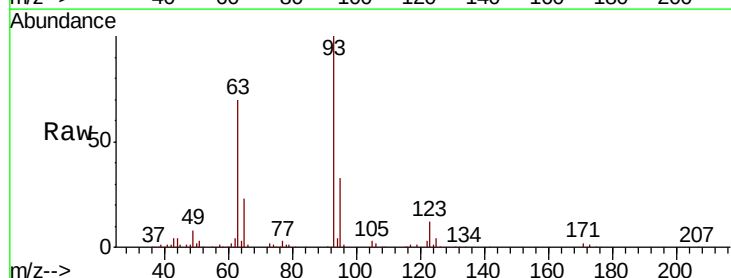
Manual Integrations
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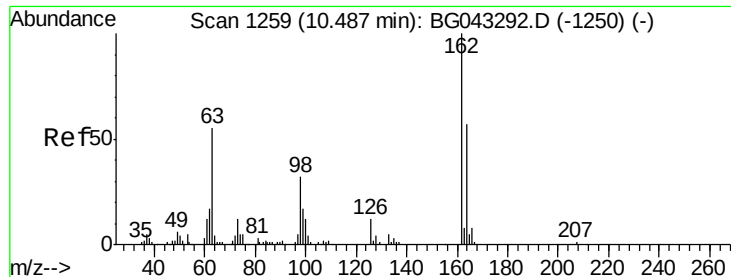
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#28
bis(2-Chloroethoxy)methane
Concen: 42.482 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.5	24.9	37.3
123	11.6	8.9	13.3





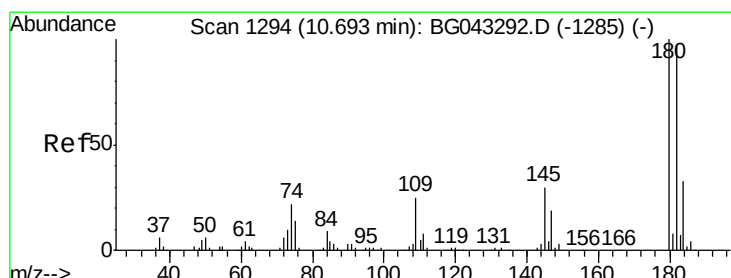
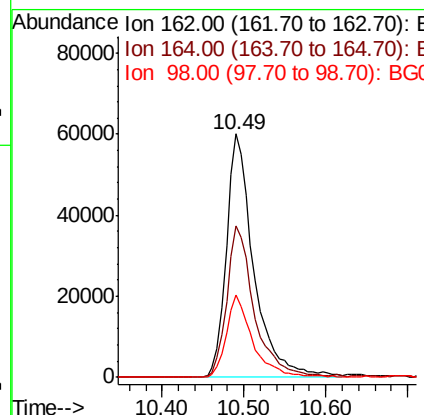
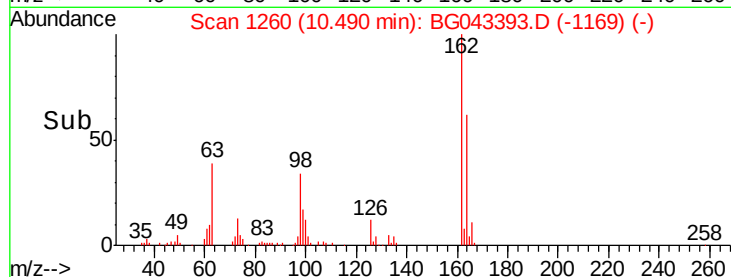
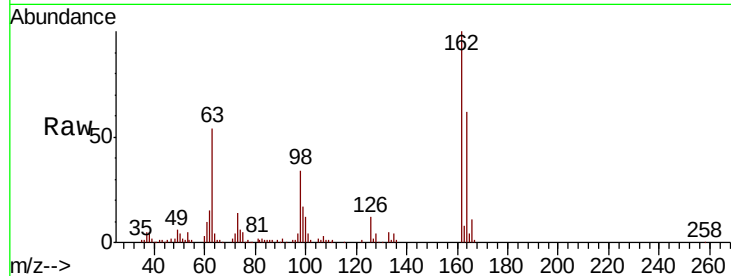
#29
2,4-Dichlorophenol
Concen: 48.015 ng
RT: 10.49 min Scan# 1260
Delta R.T. 0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	140244		
164	62.4	37.3	77.3	
98	33.8	11.8	51.8	

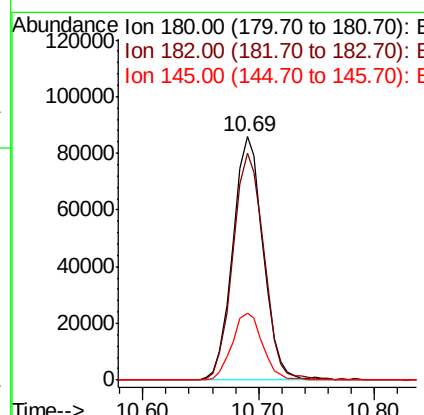
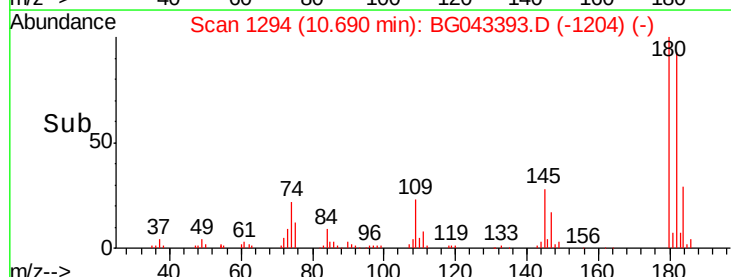
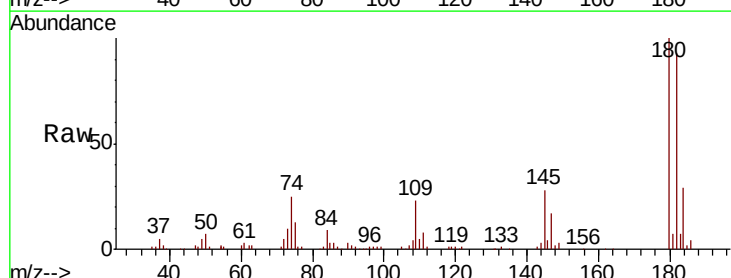
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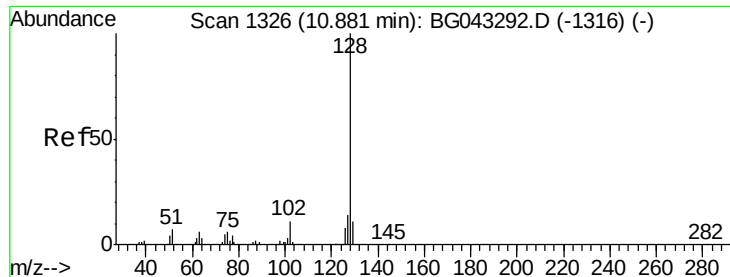
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#30
1,2,4-Trichlorobenzene
Concen: 42.546 ng
RT: 10.69 min Scan# 1294
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	156626		
182	93.1	77.8	116.8	
145	27.6	23.6	35.4	





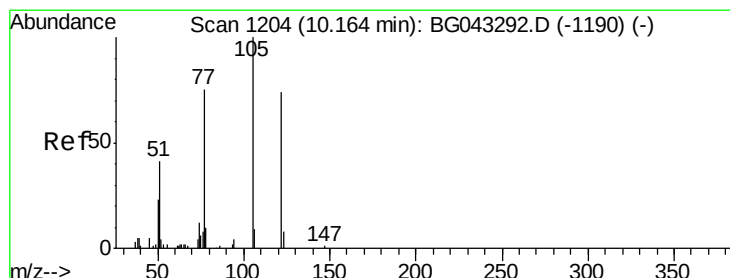
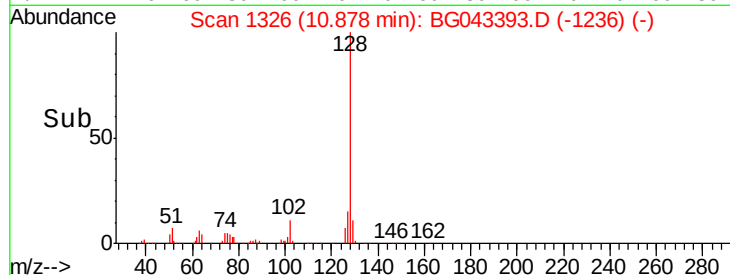
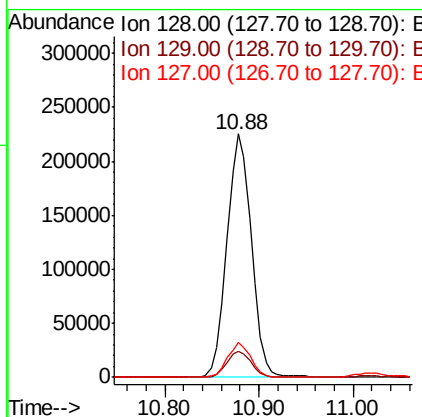
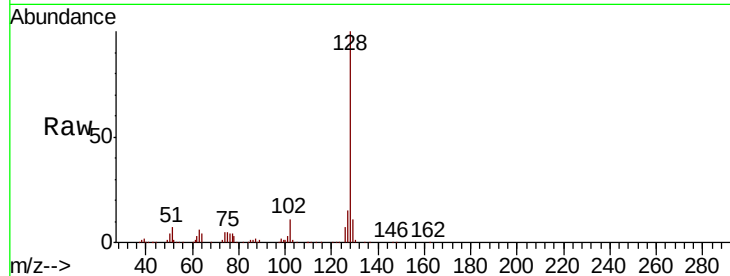
#31
Naphthalene
Concen: 45.162 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Lower	Upper
128	100		
129	10.6	8.6	12.8
127	14.6	11.5	17.3

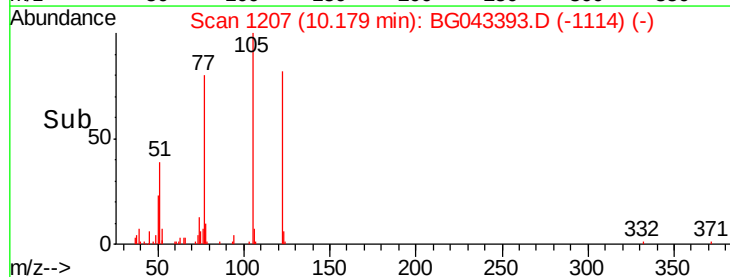
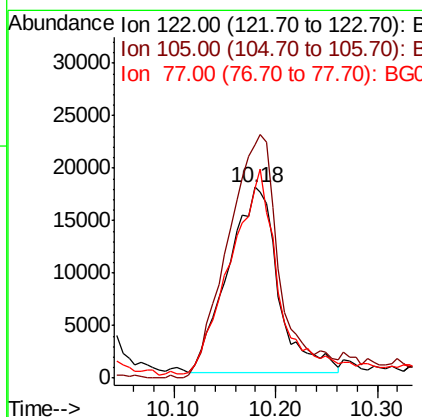
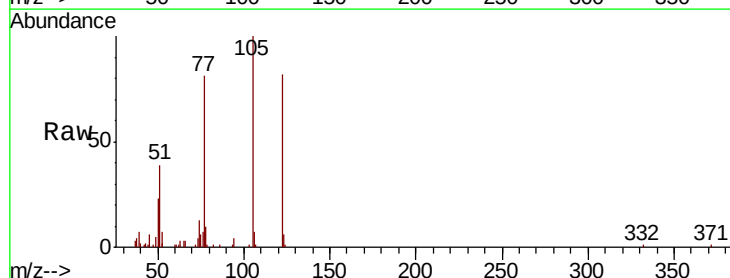
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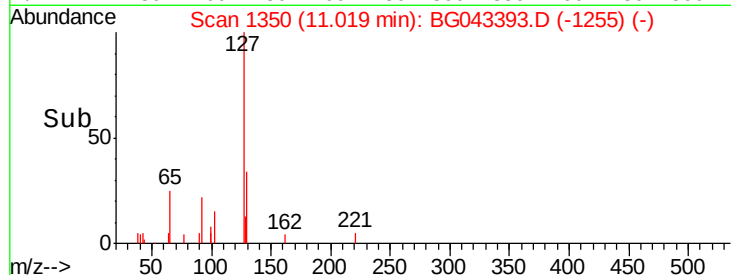
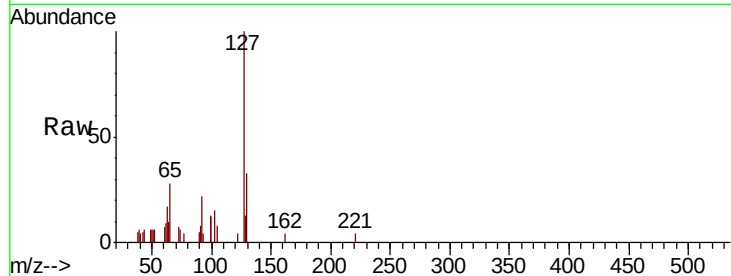
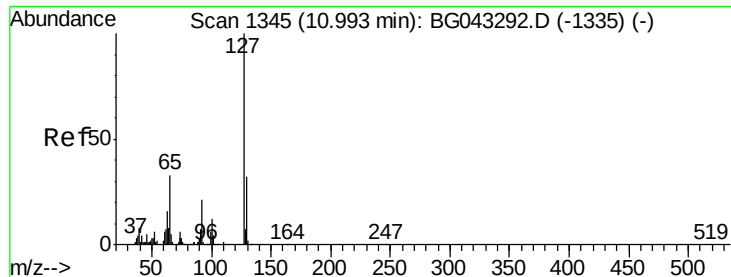
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#32
Benzoic acid
Concen: 37.252 ng
RT: 10.18 min Scan# 1207
Delta R.T. 0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
122	100		
105	122.6	112.4	152.4
77	99.8	82.7	122.7





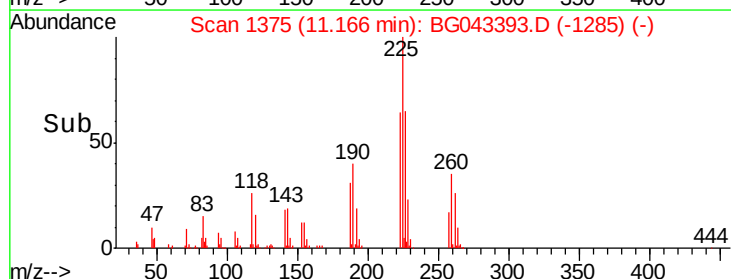
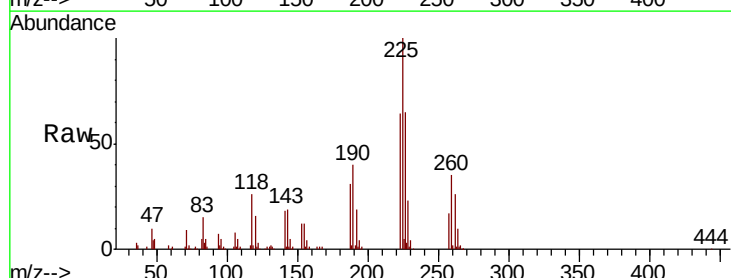
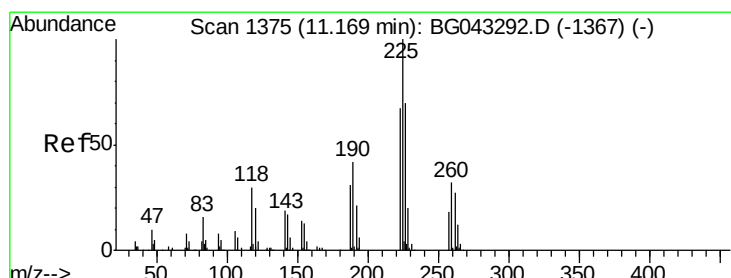
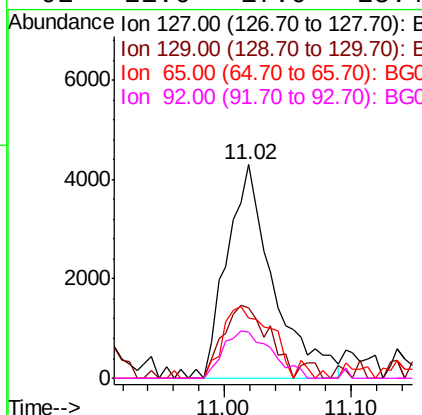
#33
4-Chloroaniline
Concen: 2.933 ng
RT: 11.02 min Scan# 1350
Delta R.T. 0.03 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	25.8	38.8
65	28.0	26.2	39.2
92	21.6	17.0	25.4

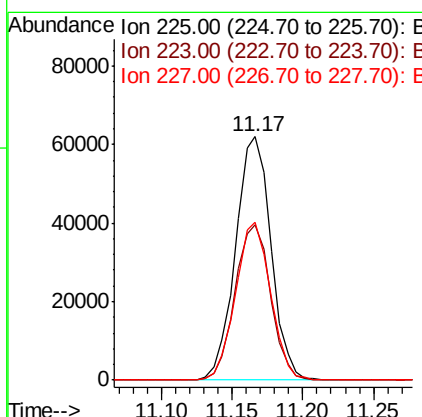
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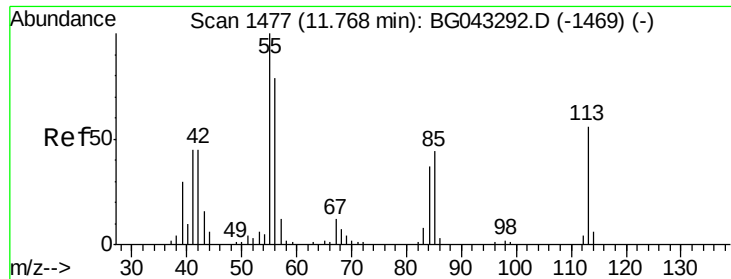
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#34
Hexachlorobutadiene
Concen: 39.905 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.8	53.2	79.8
227	65.0	56.2	84.2





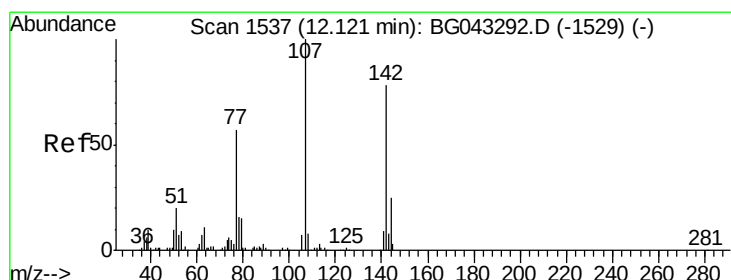
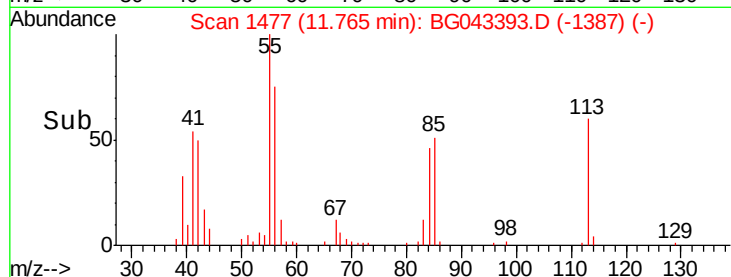
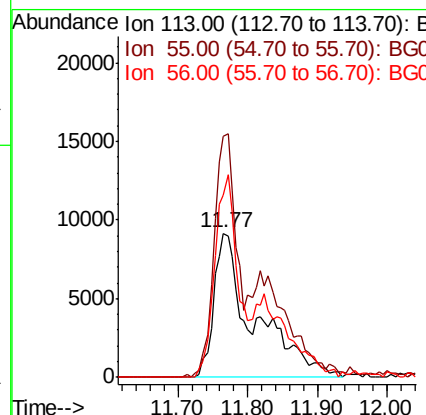
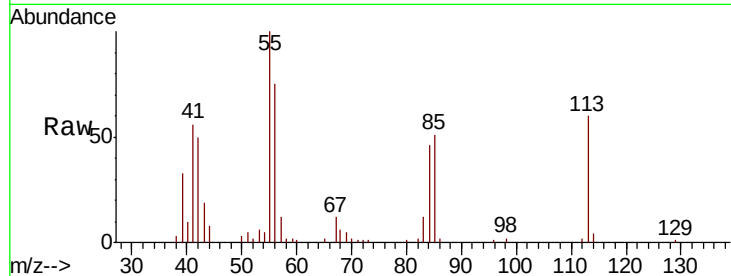
#35
Caprolactam
Concen: 36.459 ng/ml
RT: 11.77 min Scan# 1477
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	167.8	158.9	198.9
56	126.4	121.4	161.4

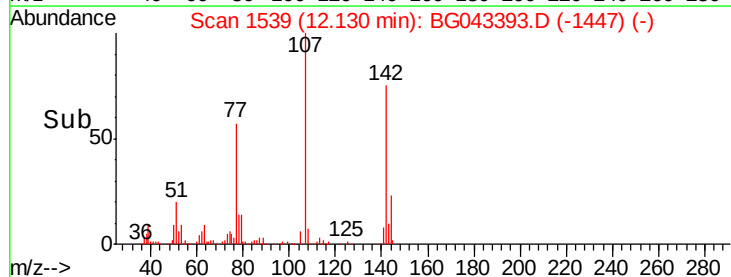
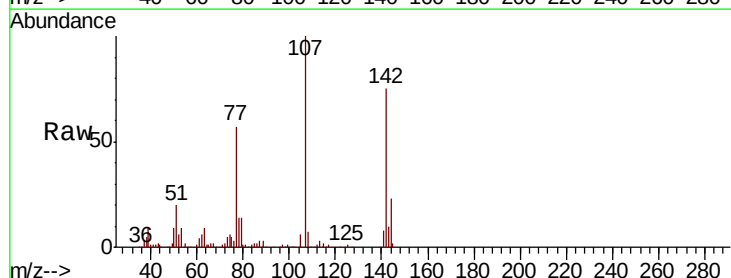
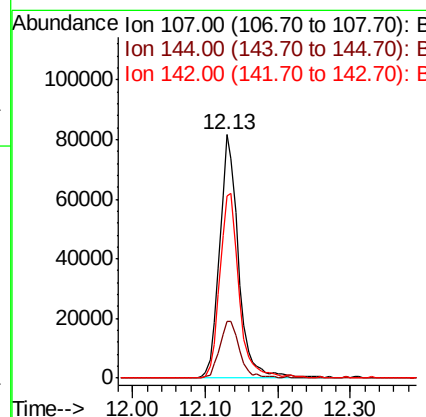
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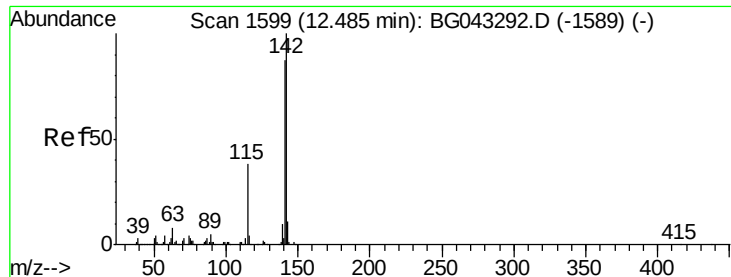
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#36
4-Chloro-3-methylphenol
Concen: 46.579 ng/ml
RT: 12.13 min Scan# 1539
Delta R.T. 0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
107	100		
144	23.4	19.9	29.9
142	74.9	62.1	93.1





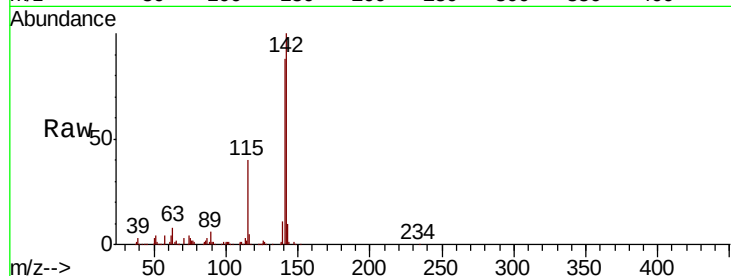
#37
2-Methylnaphthalene
Concen: 44.045 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.2	69.7	104.5
115	40.4	30.6	46.0

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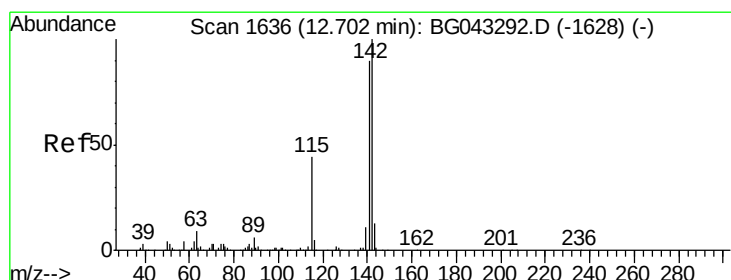
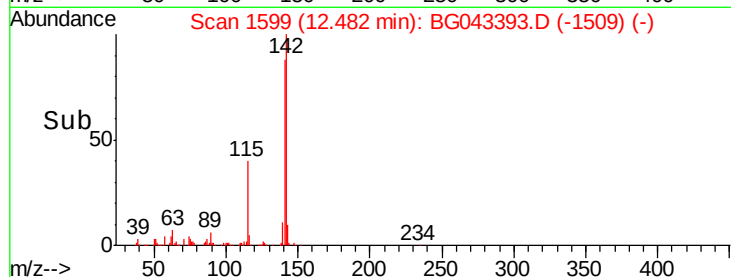
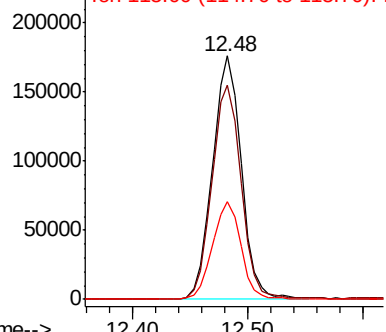


Abundance

Ion 142.00 (141.70 to 142.70): E

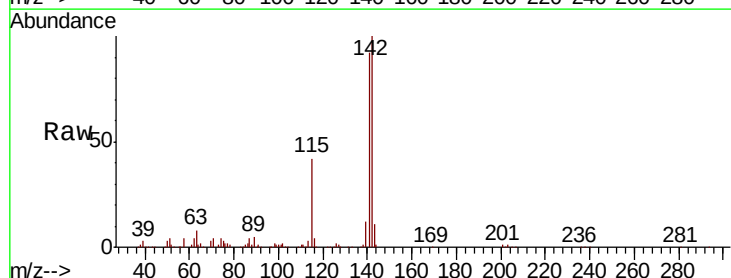
Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 43.531 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.9	72.3	108.5
116	4.3	3.8	5.6

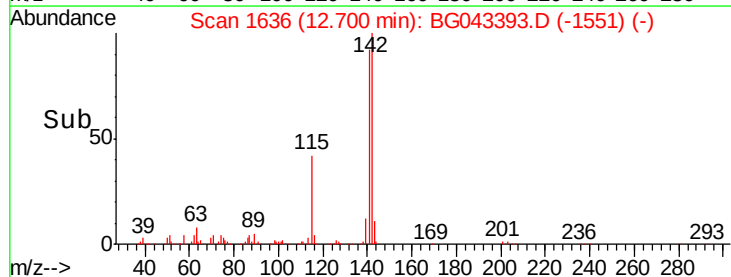
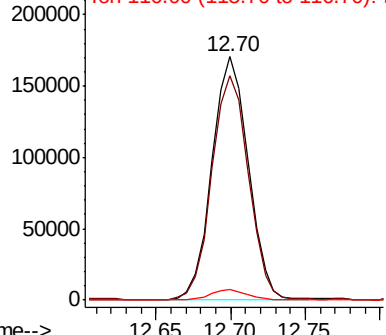


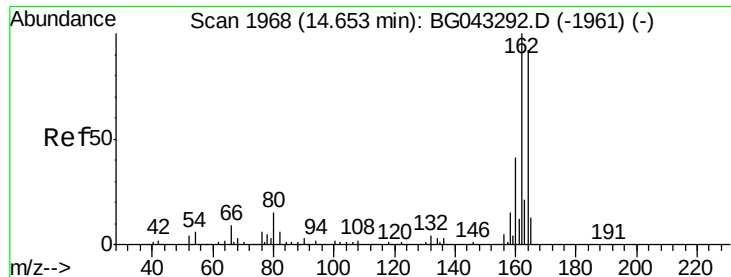
Abundance

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





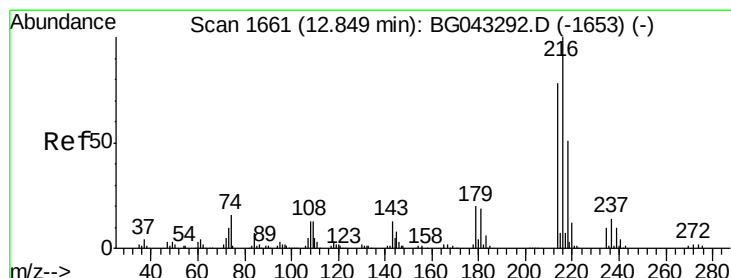
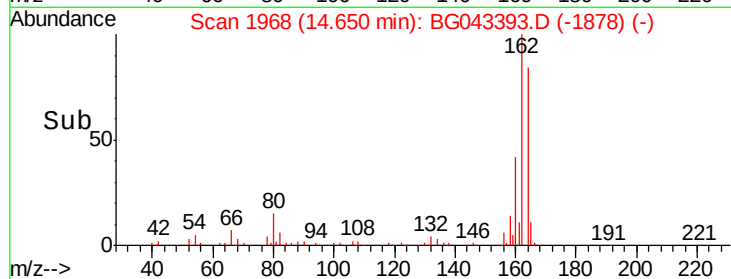
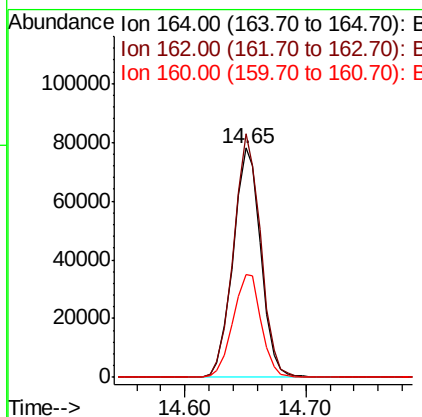
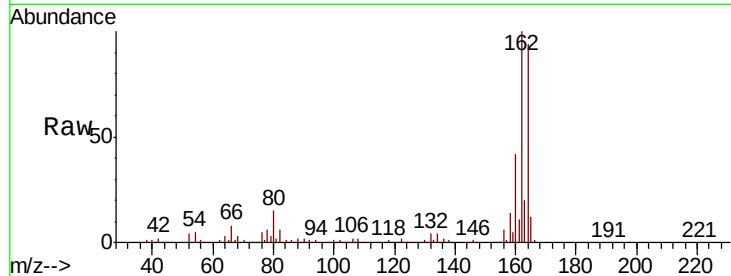
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1968
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.3	87.0	130.4
160	44.9	35.5	53.3

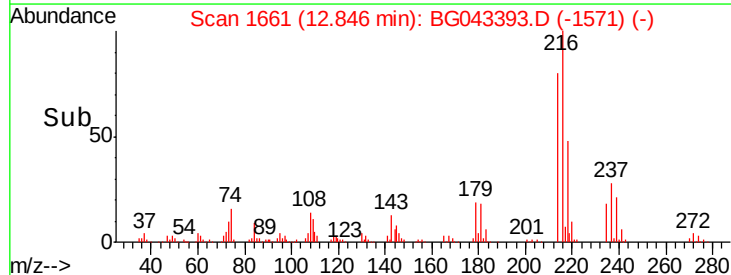
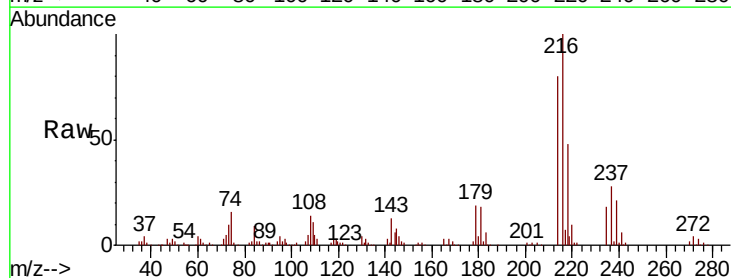
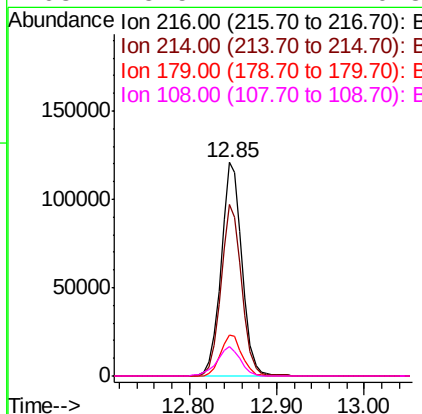
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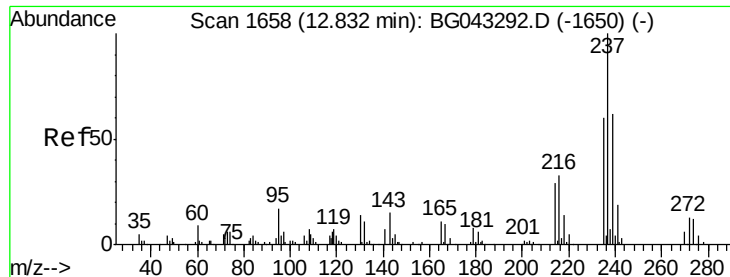
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 43.105 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
216	100		
214	79.4	63.5	95.3
179	19.8	16.2	24.2
108	15.5	11.2	16.8





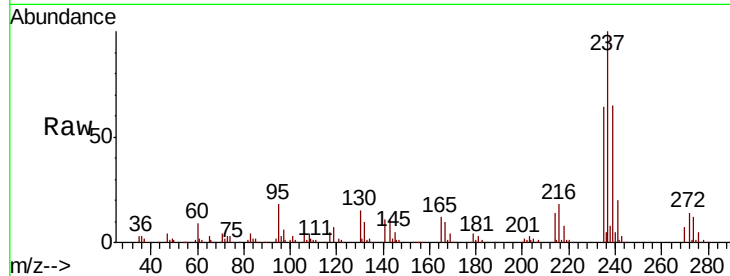
#41
Hexachlorocyclopentadiene
Concen: 83.213 ng
RT: 12.83 min Scan# 1658
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

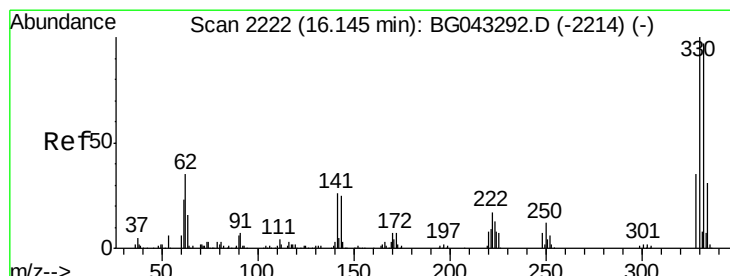
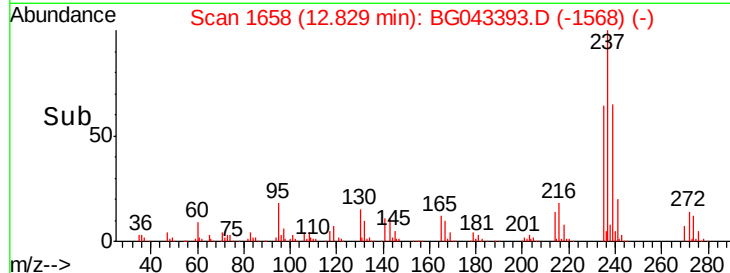
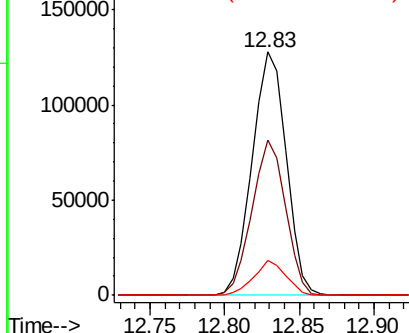
Tot Ion	Ratio	Resp	Lower	Upper
237	100	201379		
235	63.7	40.3	80.3	
272	14.1	0.0	32.9	

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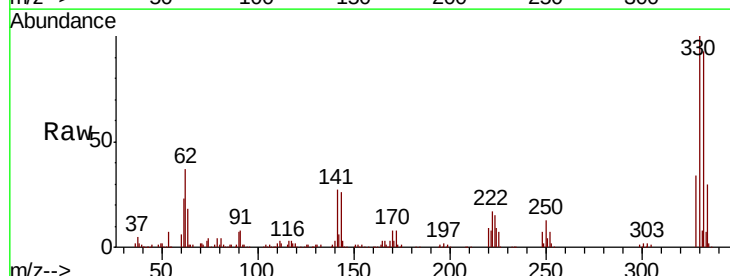


Abundance Ion 236.80 (236.50 to 237.50): E
Ion 234.90 (234.60 to 235.60): E
Ion 271.75 (271.45 to 272.45): E

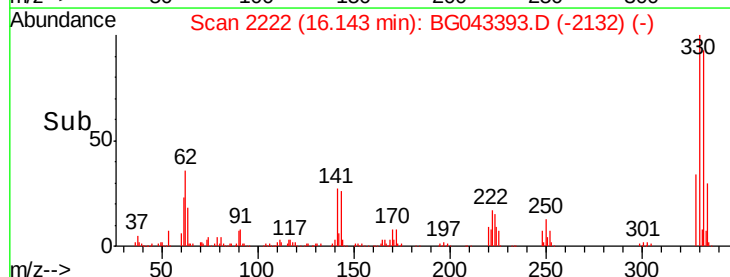
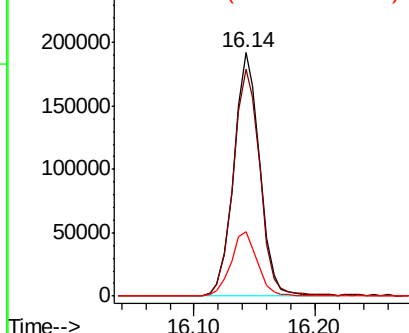


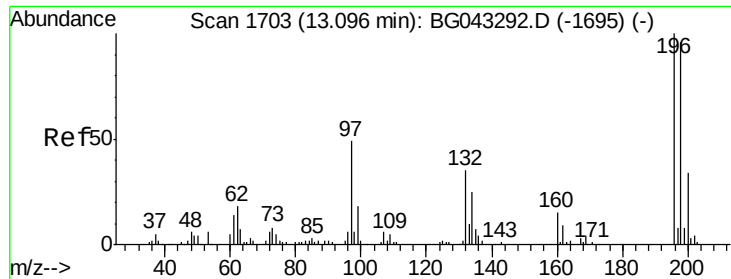
#42
2,4,6-Tribromophenol
Concen: 121.545 ng
RT: 16.14 min Scan# 2222
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
330	100	287927		
332	97.1	76.4	114.6	
141	27.0	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





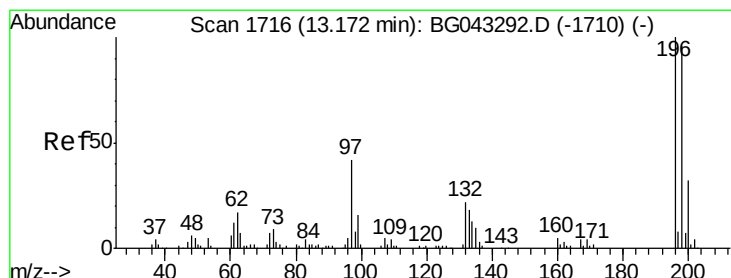
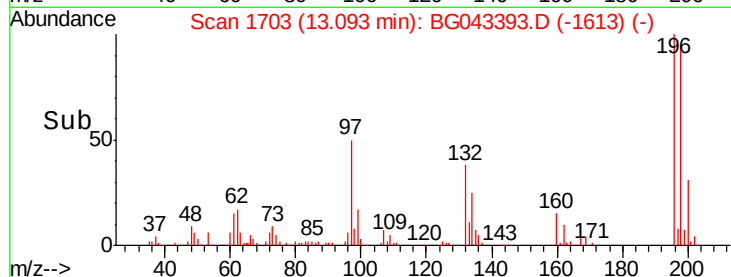
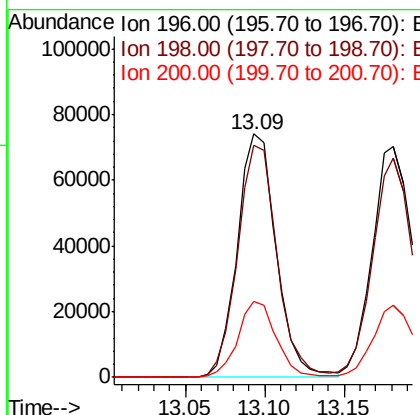
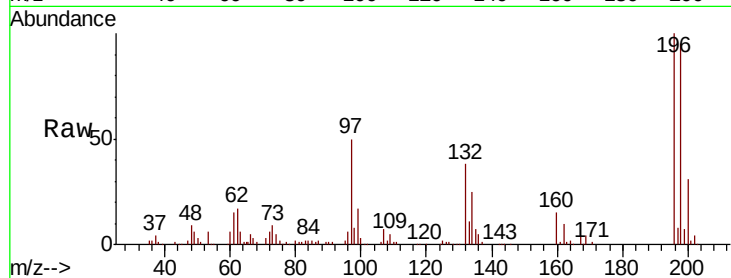
#43
 2,4,6-Trichlorophenol
 Concen: 46.604 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-102519MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	126439		
198	95.2	77.0	115.4	
200	31.4	27.4	41.2	

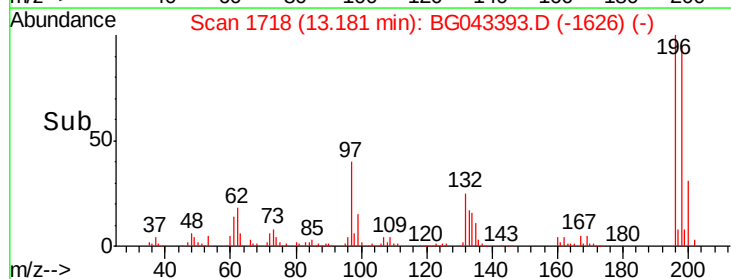
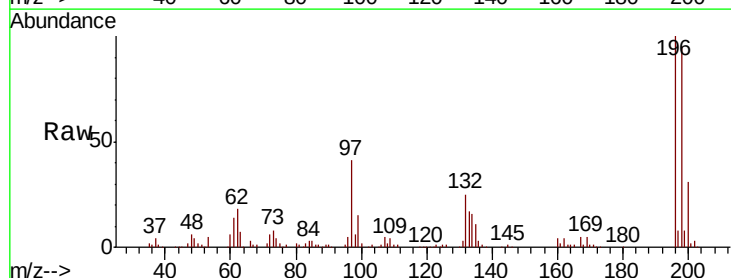
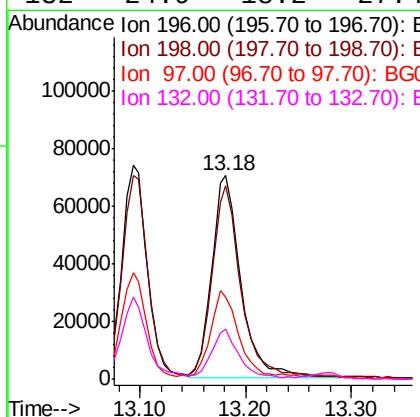
Manual Integrations
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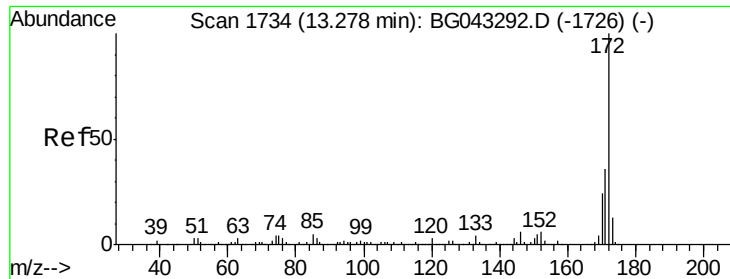
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 49.306 ng
 RT: 13.18 min Scan# 1718
 Delta R.T. 0.01 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	135237		
198	95.0	76.6	114.8	
97	40.7	34.1	51.1	
132	24.9	18.2	27.4	





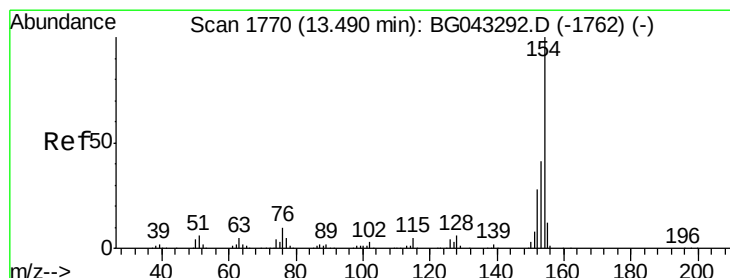
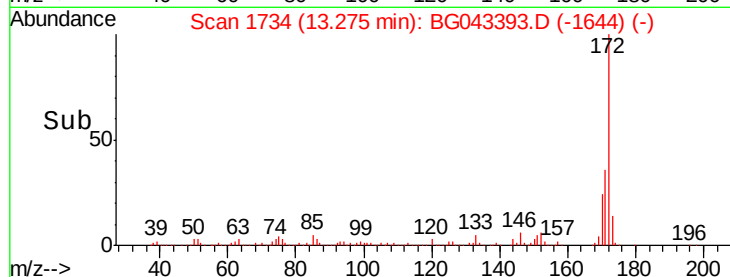
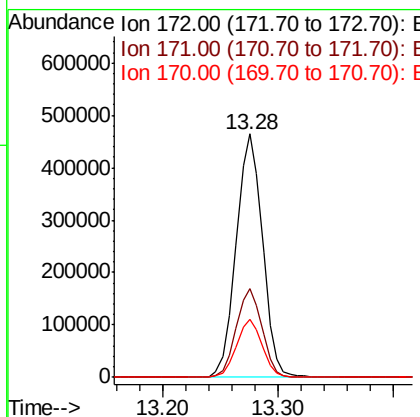
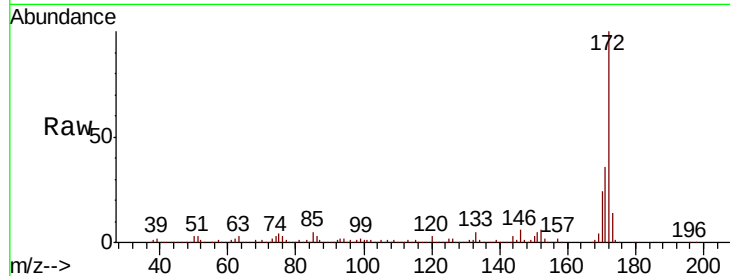
#45
2-Fluorobiphenyl
Concen: 81.158 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.3	28.5	42.7
170	23.8	18.8	28.2

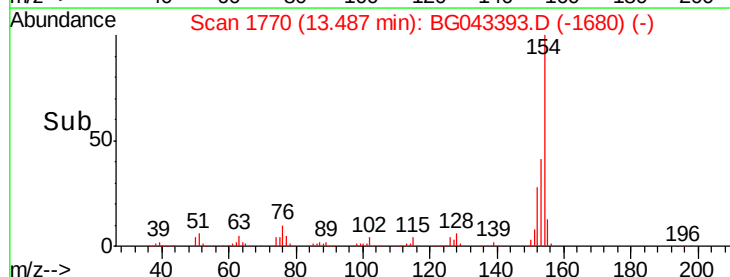
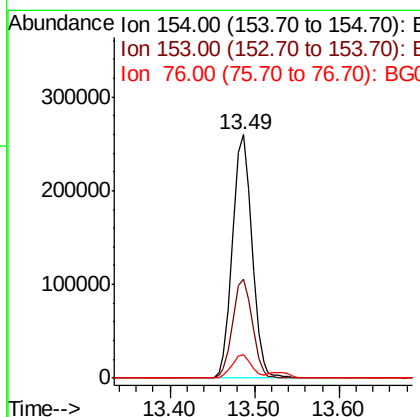
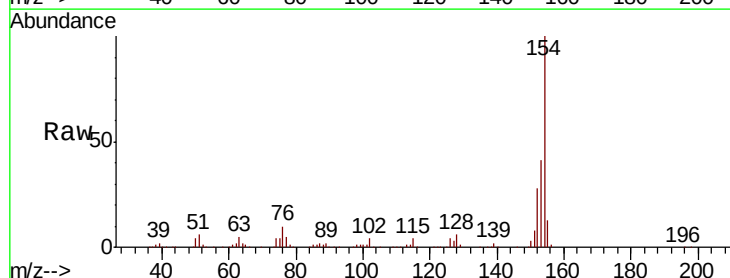
Manual Integrations
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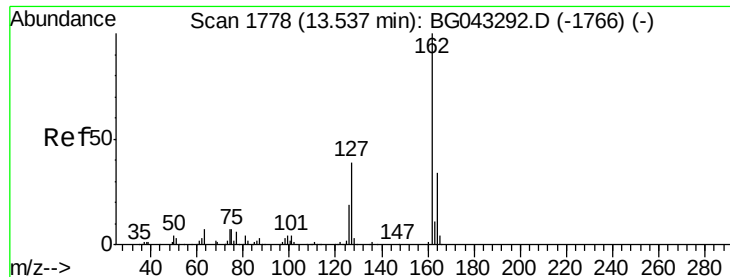
mohammad
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#46
1,1'-Biphenyl
Concen: 43.314 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
154	100		
153	40.8	21.0	61.0
76	9.7	0.0	29.8





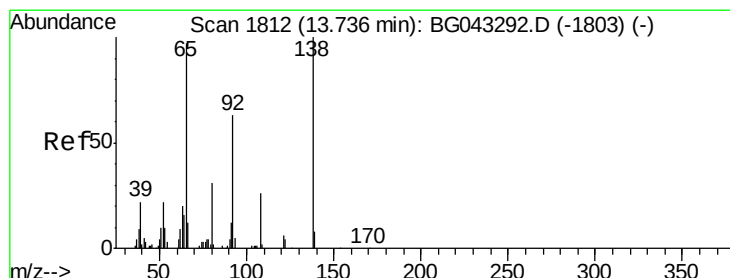
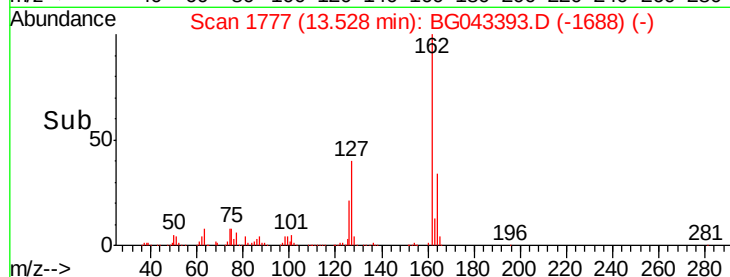
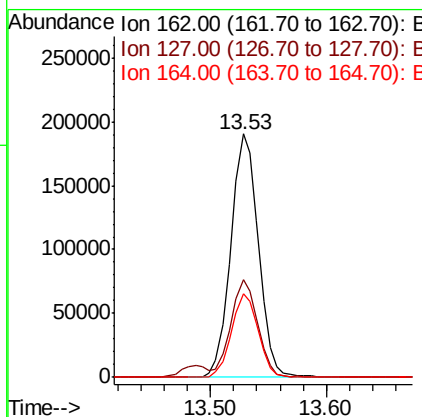
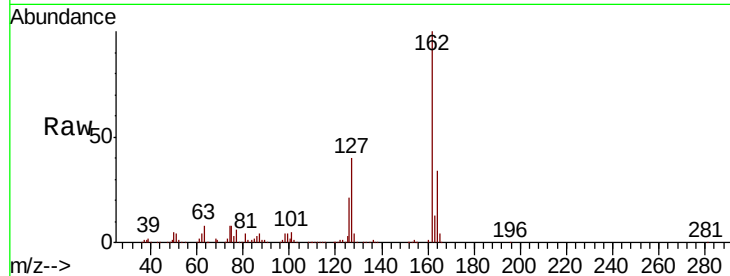
#47
2-Chloronaphthalene
Concen: 43.651 ng
RT: 13.53 min Scan# 1777
Delta R.T. -0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.3	31.3	46.9
164	34.2	26.8	40.2

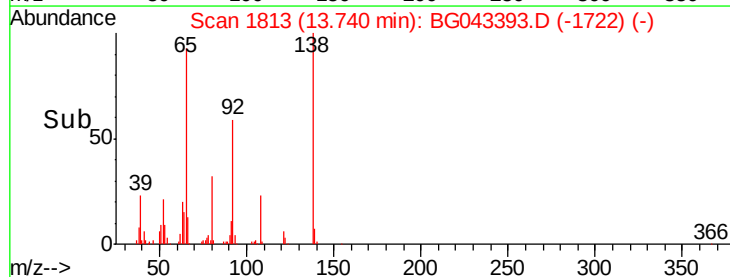
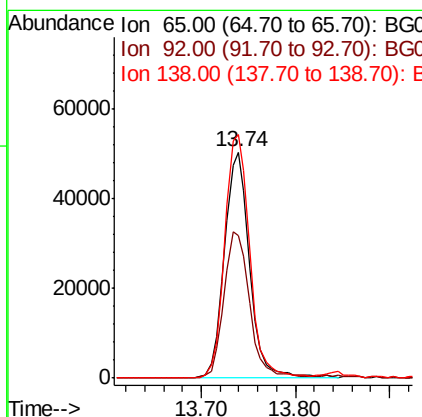
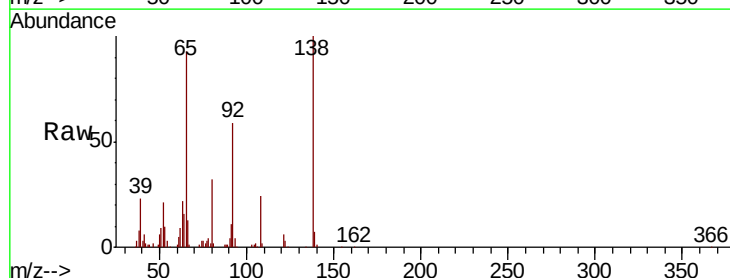
Manual Integrations
APPROVED

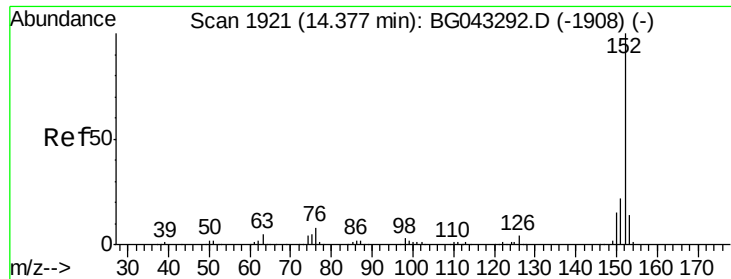
mohammad
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#48
2-Nitroaniline
Concen: 43.728 ng
RT: 13.74 min Scan# 1813
Delta R.T. 0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
65	100		
92	63.0	52.6	79.0
138	107.8	82.9	124.3





#49

Acenaphthylene

Concen: 45.504 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

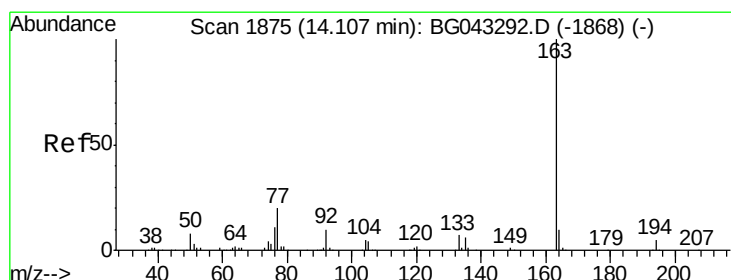
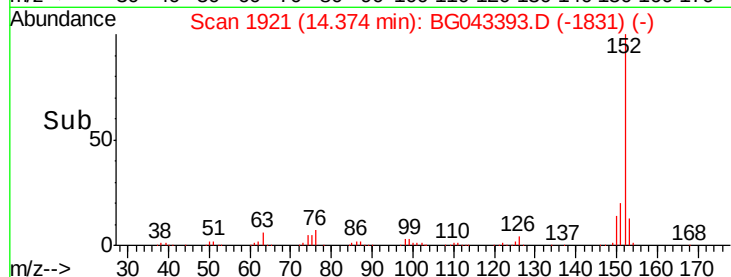
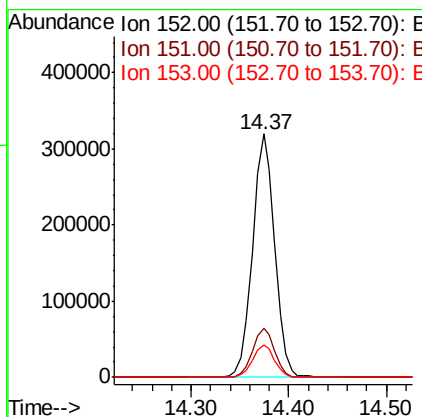
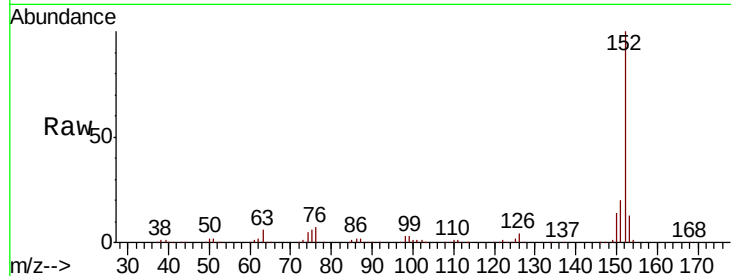
ClientSampleId :

HR-06-102519MSD

Tot Ion:	152	Resp:	510285
Ion Ratio	Lower	Upper	
152	100		
151	20.3	17.2	25.8
153	13.3	11.0	16.6

Manual Integrations
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#50

Dimethylphthalate

Concen: 43.349 ng

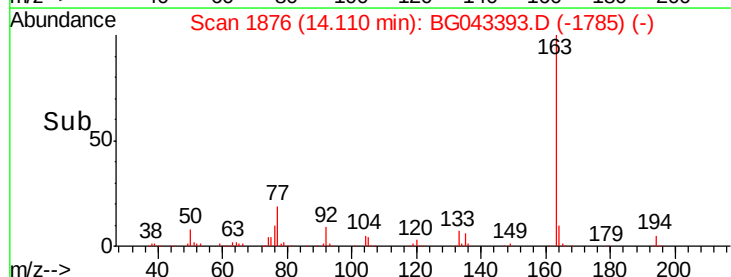
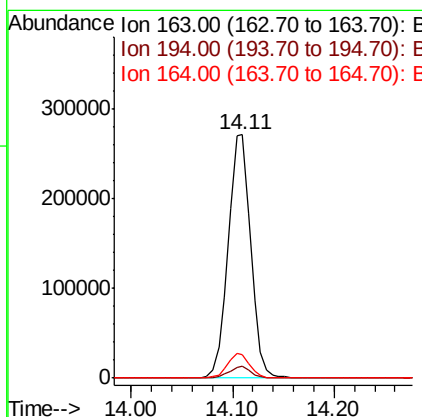
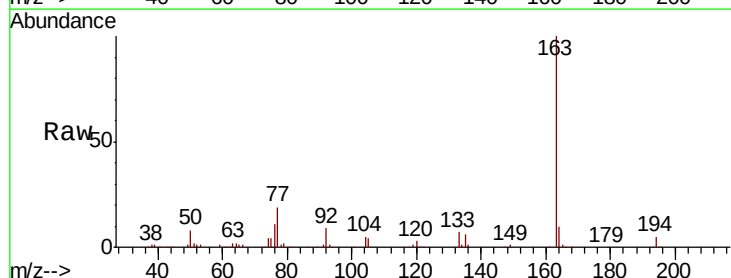
RT: 14.11 min Scan# 1876

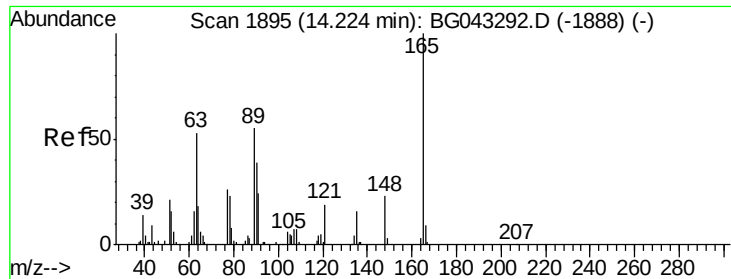
Delta R.T. 0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Tgt Ion:	163	Resp:	417967
Ion Ratio	Lower	Upper	
163	100		
194	5.0	3.7	5.5
164	9.7	8.1	12.1





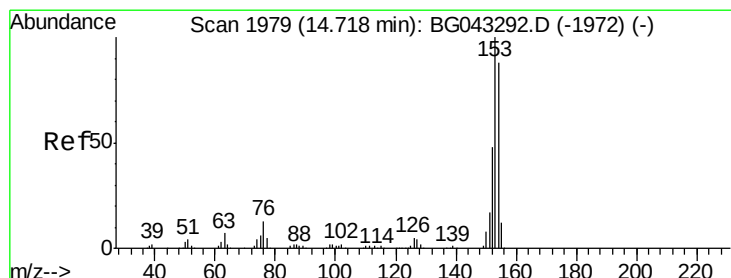
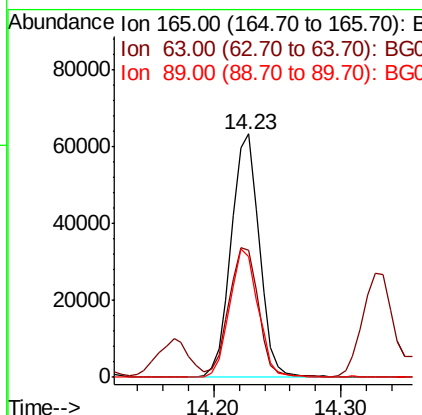
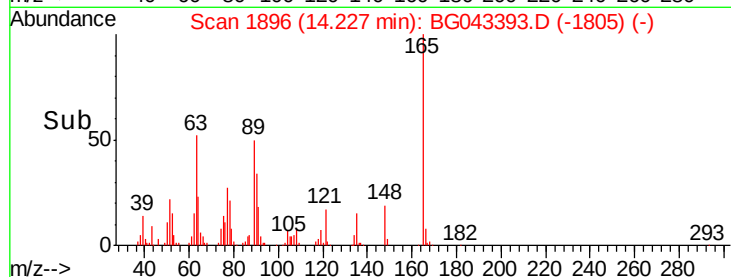
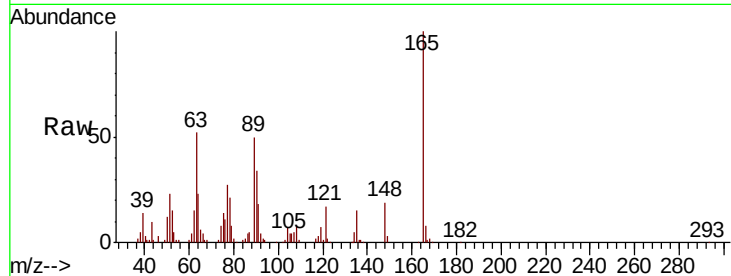
#51
2,6-Dinitrotoluene
Concen: 46.219 ng
RT: 14.23 min Scan# 1896
Delta R.T. 0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	96816		
63	52.1		47.1	70.7
89	49.6		43.7	65.5

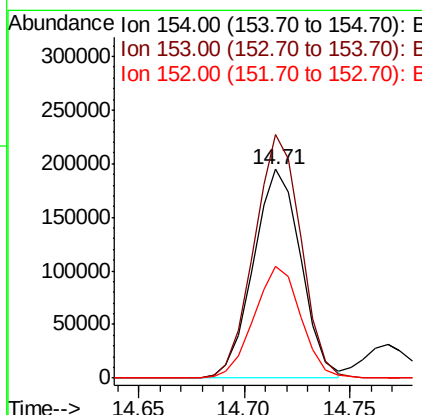
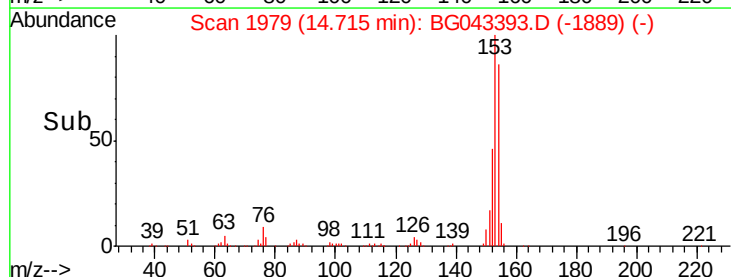
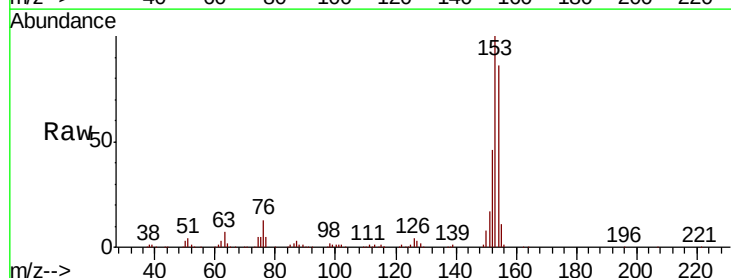
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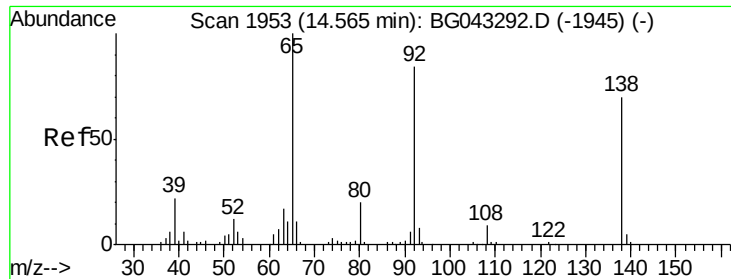
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#52
Acenaphthene
Concen: 44.485 ng
RT: 14.71 min Scan# 1979
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	304223		
153	116.6		90.9	136.3
152	53.5		43.9	65.9





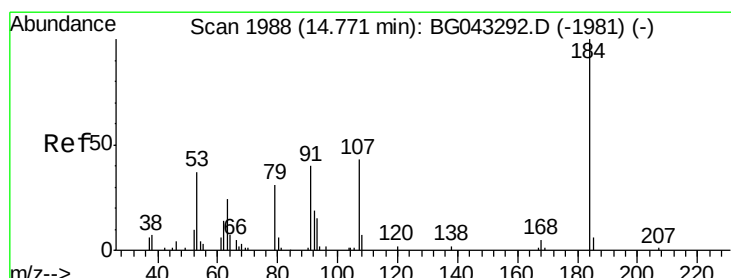
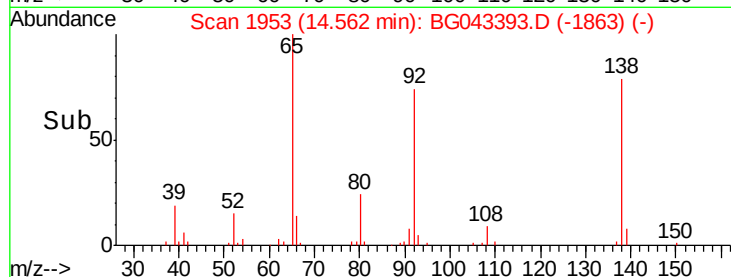
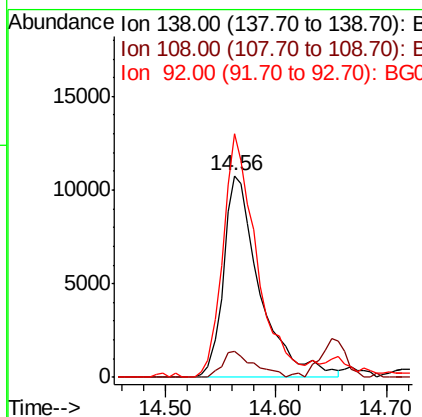
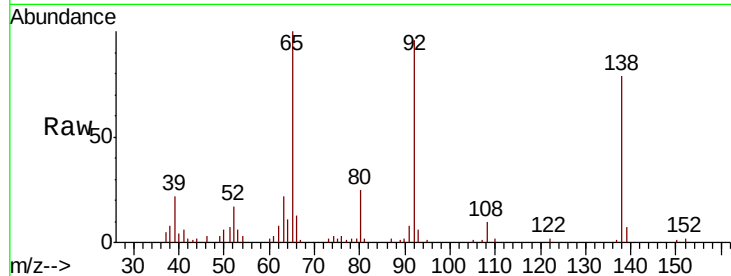
#53
3-Nitroaniline
Concen: 12.255 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	12.9	9.8	14.6
92	120.6	95.8	143.6

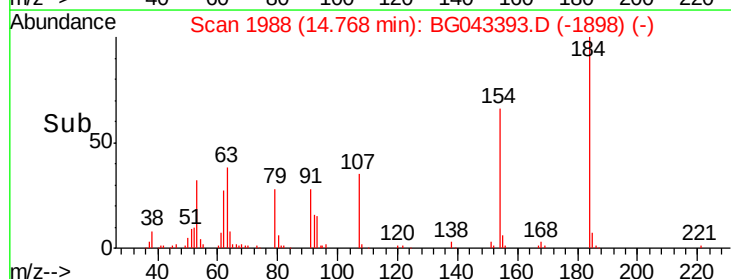
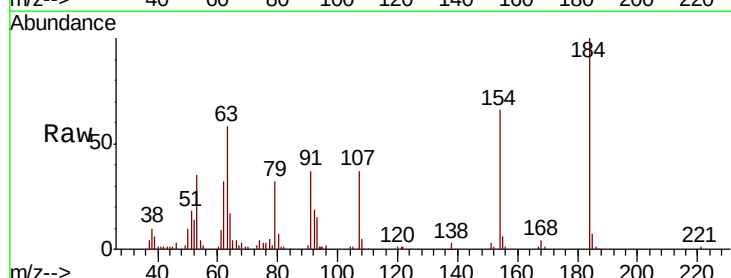
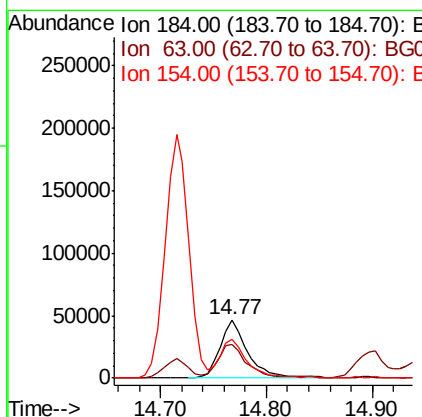
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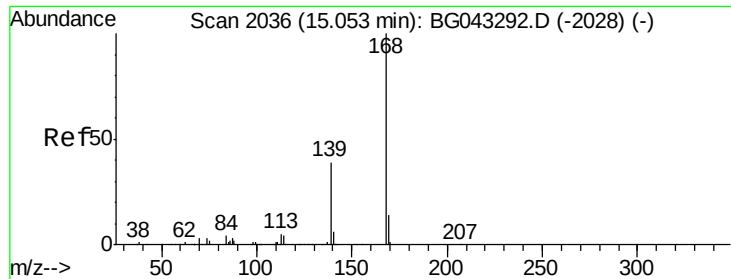
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#54
2,4-Dinitrophenol
Concen: 66.340 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.5	48.8	73.2
154	66.0	49.4	74.0





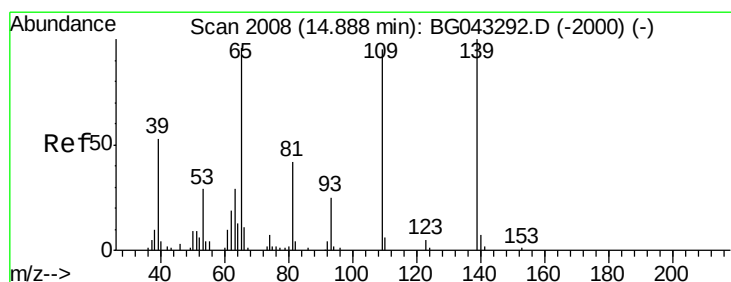
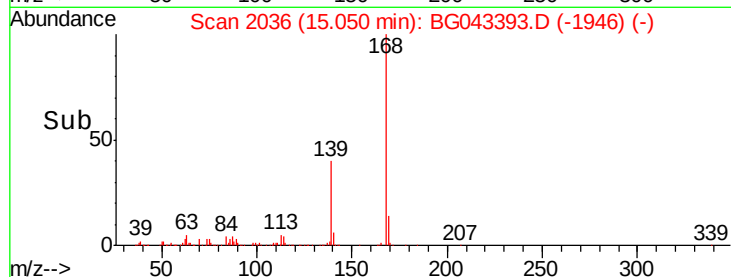
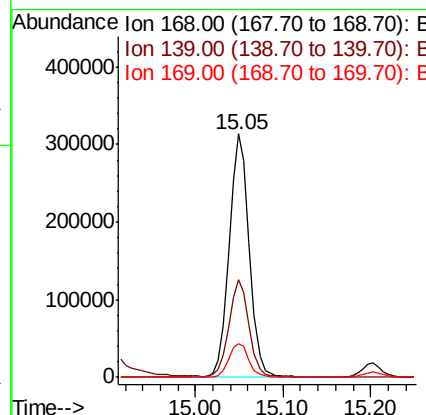
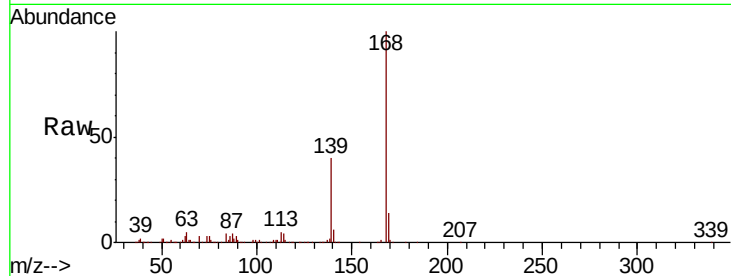
#55
Dibenzenofuran
Concen: 44.604 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.1	31.7	47.5
169	13.7	11.0	16.4

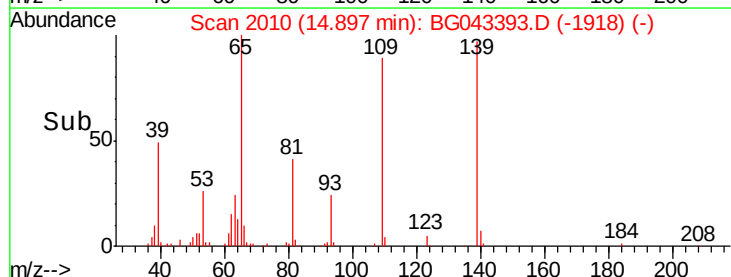
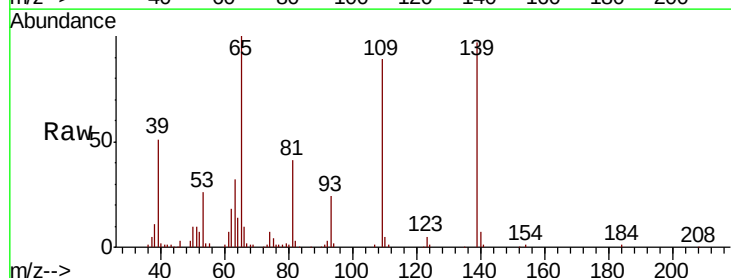
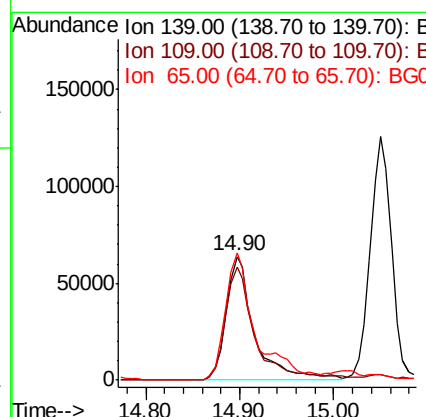
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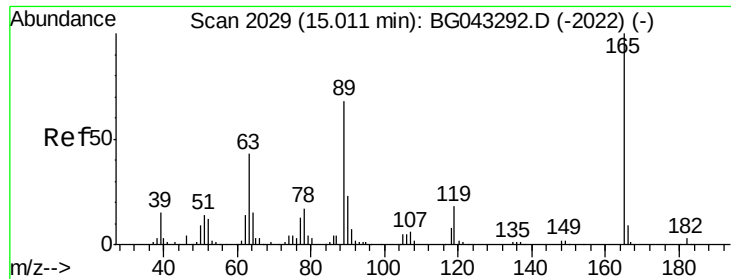
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#56
4-Nitrophenol
Concen: 99.017 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.8	75.4	115.4
65	102.8	76.6	116.6





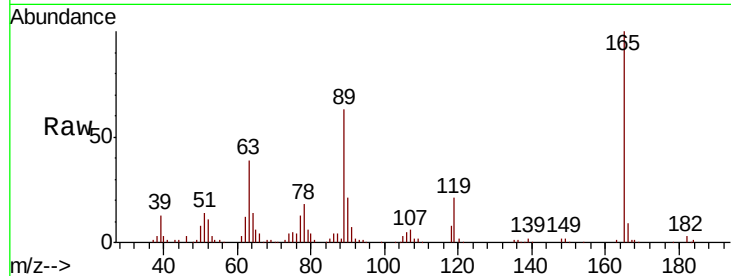
#57
2,4-Dinitrotoluene
Concen: 43.299 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

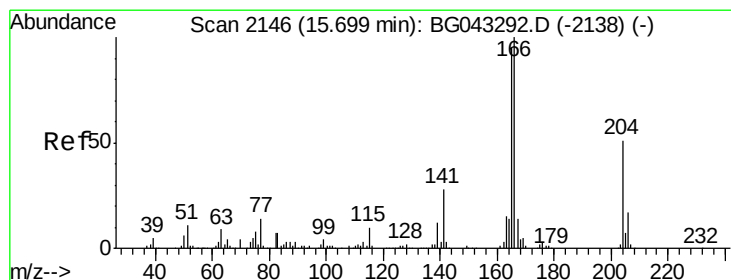
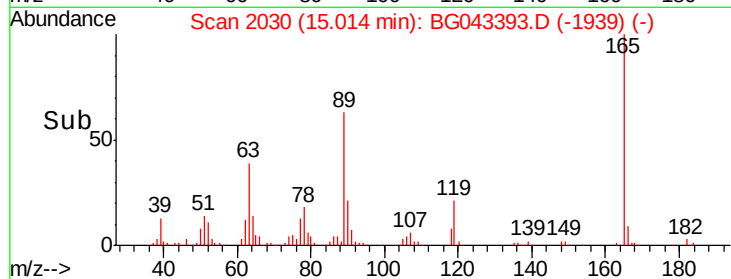
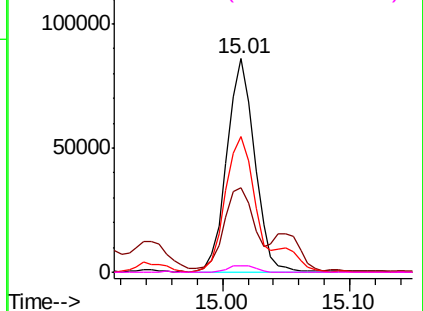
Tot Ion	Ratio	Resp	Lower	Upper
165	100	129618		
63	39.5	35.0	52.6	
89	63.3	54.1	81.1	
182	2.9	2.2	3.2	

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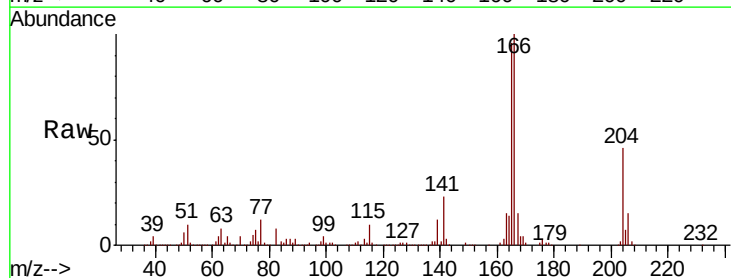


Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BG
Ion 89.00 (88.70 to 89.70): BG
Ion 182.00 (181.70 to 182.70): E

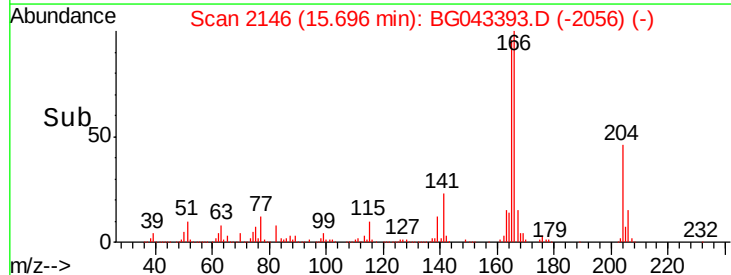
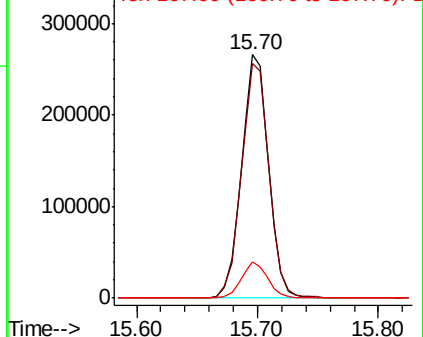


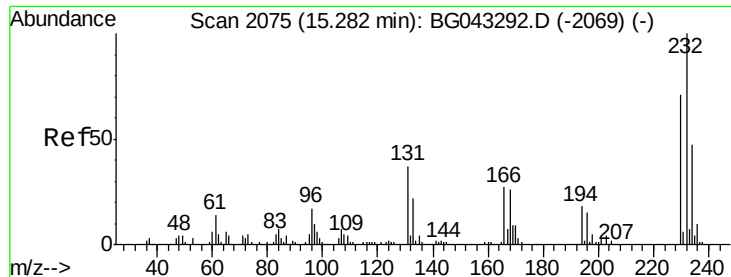
#58
Fluorene
Concen: 44.404 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	413027		
165	96.3	76.4	114.6	
167	14.8	11.1	16.7	



Abundance Ion 166.00 (165.70 to 166.70): E
Ion 165.00 (164.70 to 165.70): E
Ion 167.00 (166.70 to 167.70): E





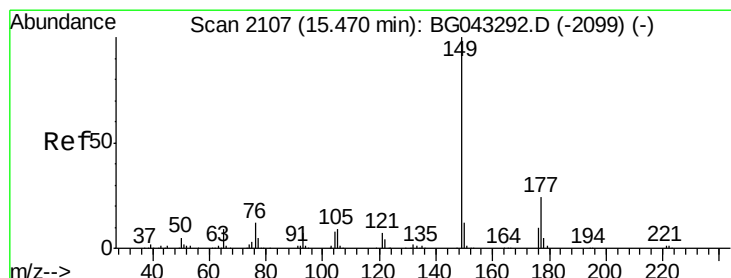
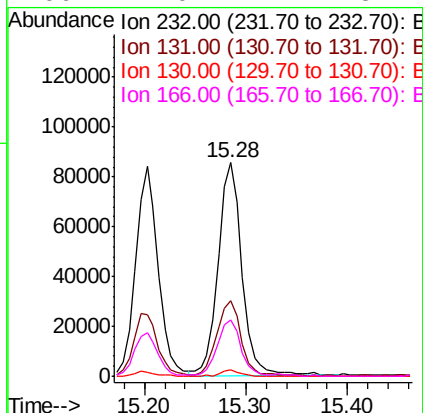
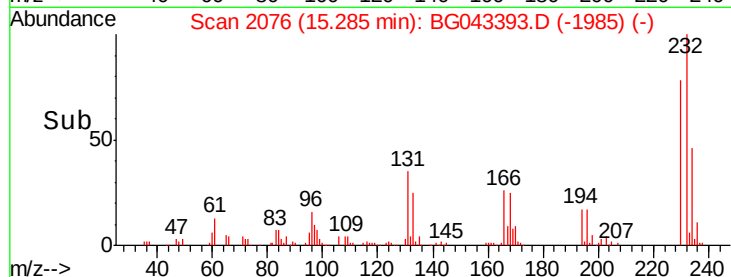
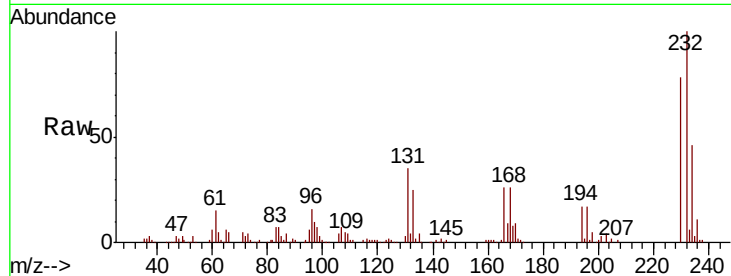
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 47.732 ng
 RT: 15.28 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-102519MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
232	100		139098		
131	35.9	28.7	43.1		
130	2.5	0.6	0.8		
166	27.0	21.1	31.7		

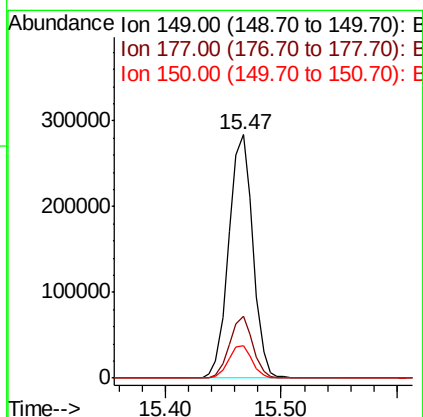
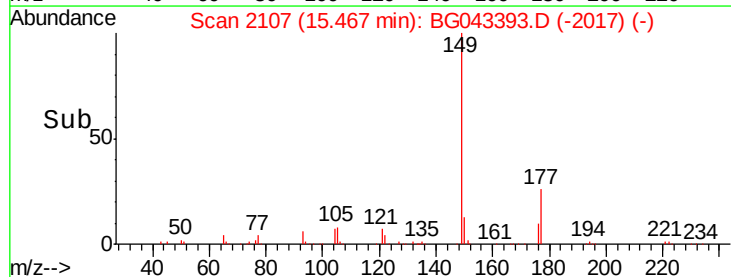
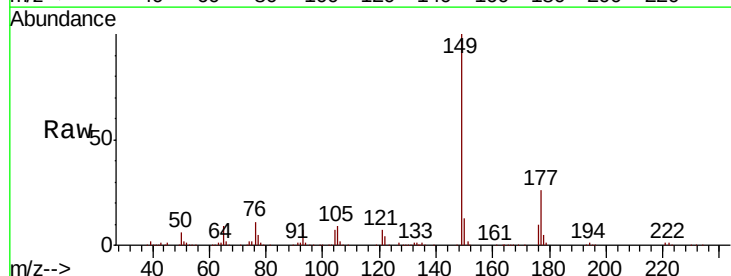
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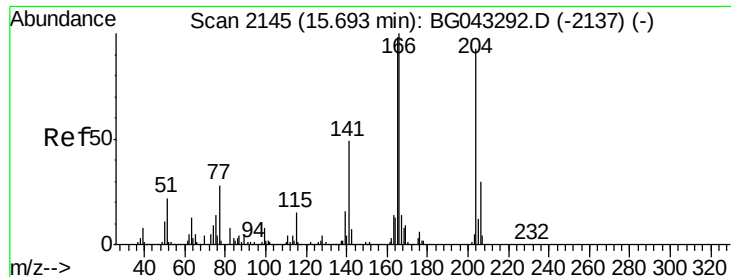
mohammad
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#60
 Diethylphthalate
 Concen: 42.154 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
149	100		408397		
177	25.6	19.0	28.4		
150	13.5	9.4	14.0		





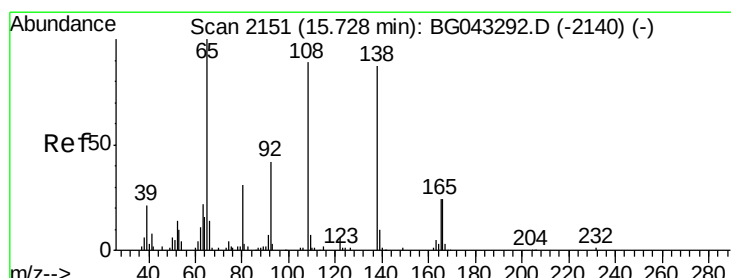
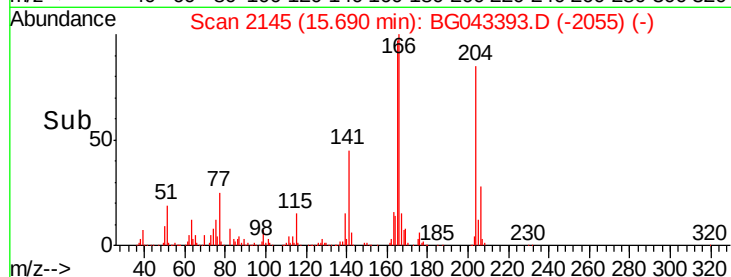
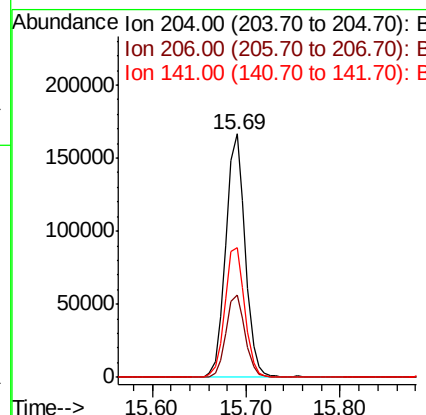
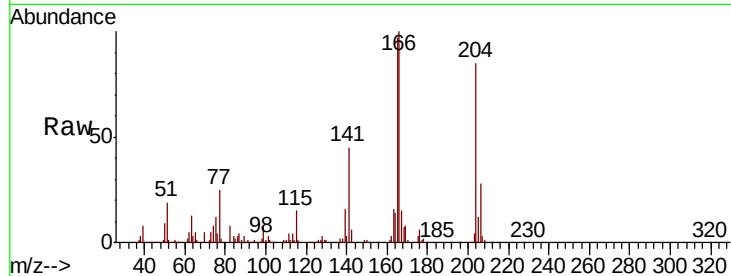
#61
4-Chlorophenyl-phenylether
Concen: 44.283 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.7	38.5
141	53.4	42.3	63.5

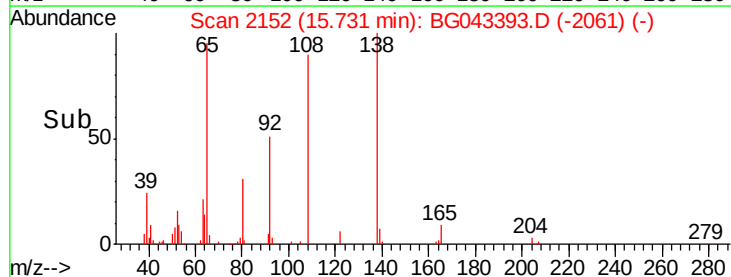
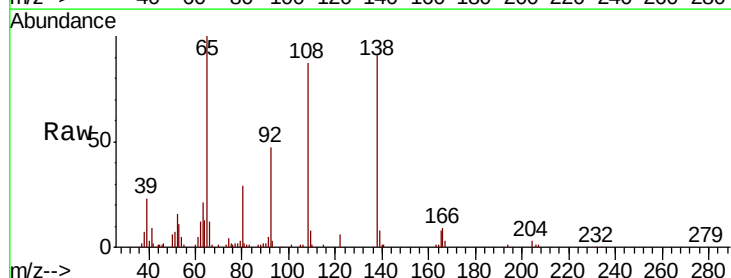
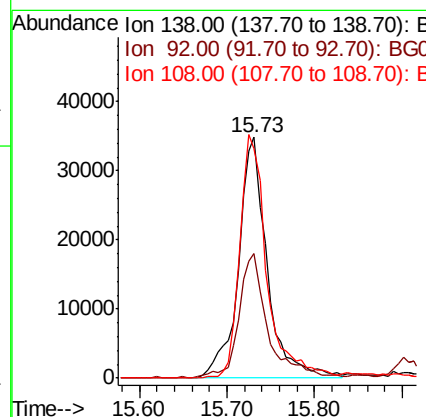
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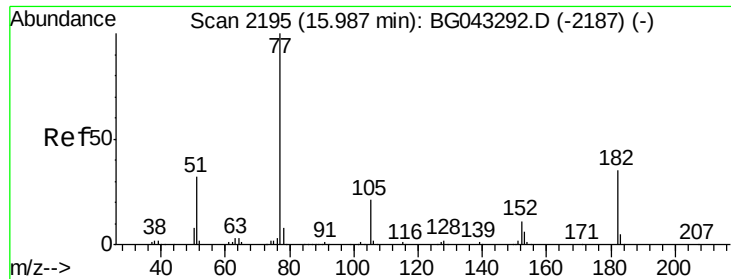
mohammad
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#62
4-Nitroaniline
Concen: 37.162 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
138	100		
92	51.5	28.8	68.8
108	95.5	82.7	122.7





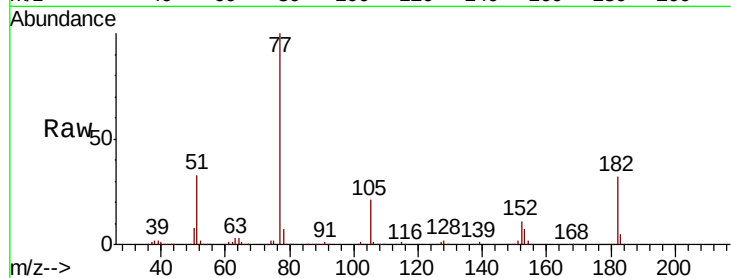
#63
Azobenzene
Concen: 44.613 ng
RT: 15.98 min Scan# 2195
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

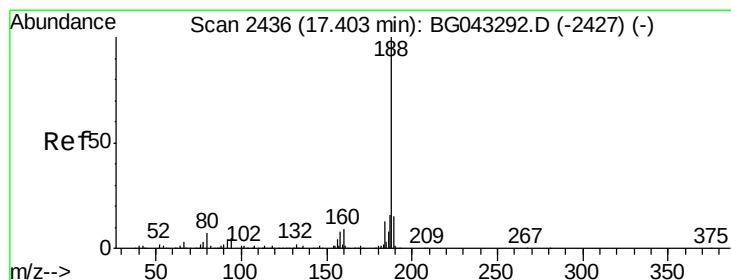
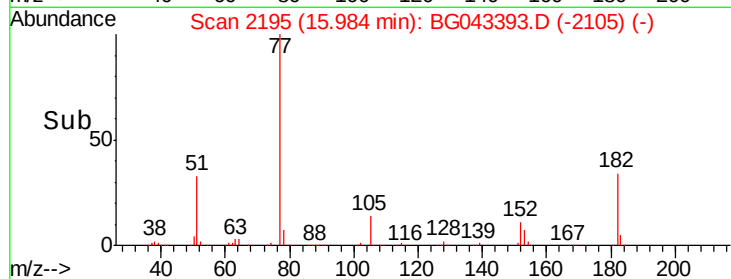
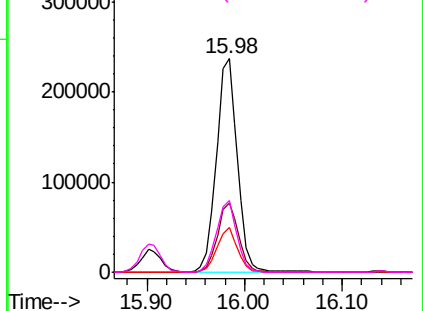
Tot Ion	Ratio	Lower	Upper
77	100		
182	32.3	14.9	54.9
105	20.9	0.6	40.6
51	33.4	12.5	52.5

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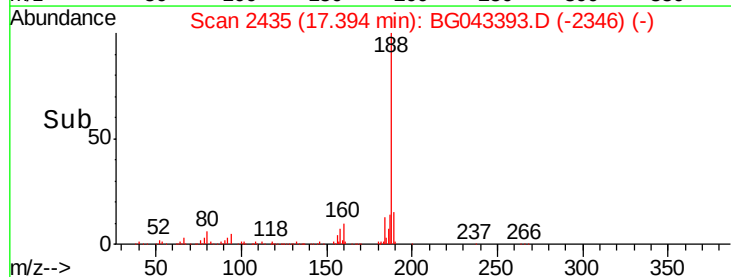
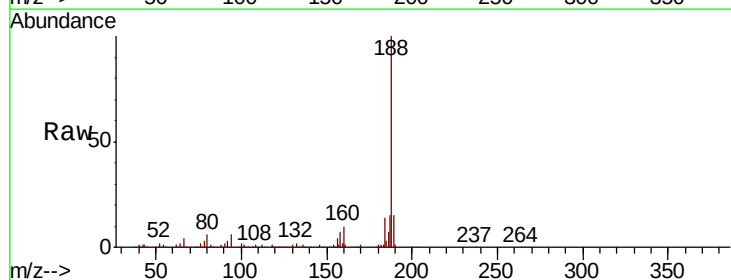
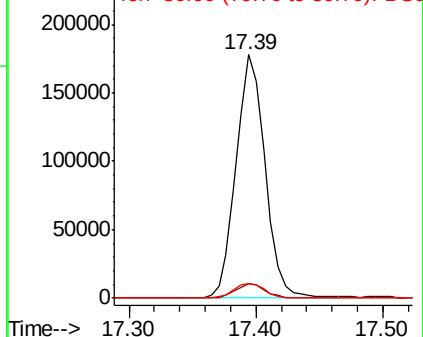
Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 182.00 (181.70 to 182.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 51.00 (50.70 to 51.70): BGC

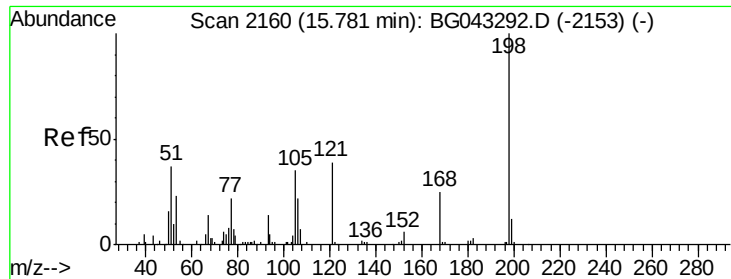


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.9	4.2	6.2
80	5.8	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: 42.731 ng

RT: 15.78 min Scan# 2160

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

ClientSampleId :

HR-06-102519MSD

Tot Ion:198 Resp: 71057

Ion Ratio Lower Upper

198 100

51 38.1 21.4 61.4

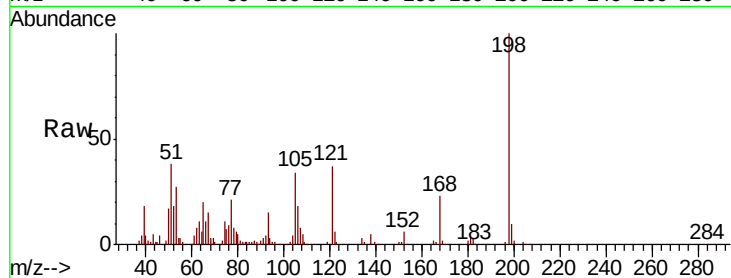
105 34.3 16.5 56.5

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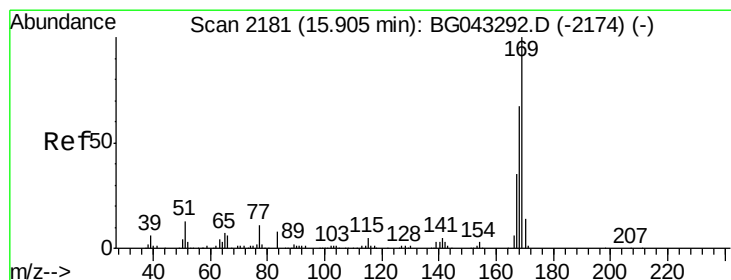
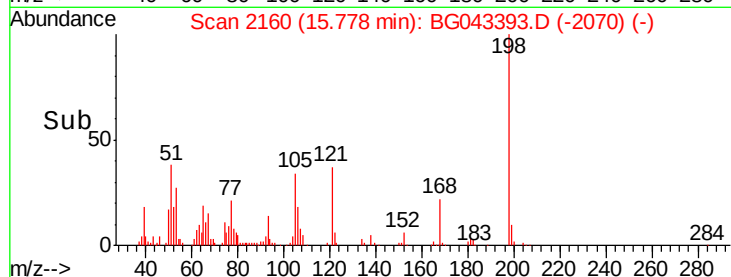
Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E

15.78

Time-->



#66

n-Nitrosodiphenylamine

Concen: 45.565 ng

RT: 15.91 min Scan# 2182

Delta R.T. 0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

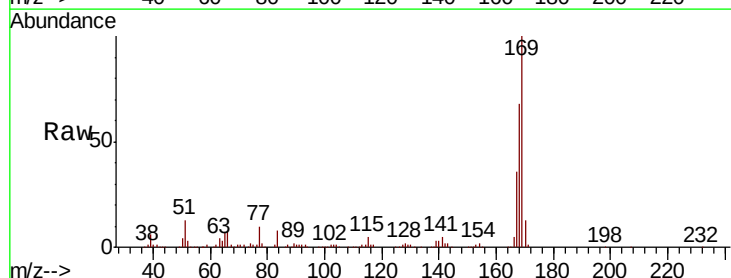
Tgt Ion:169 Resp: 363500

Ion Ratio Lower Upper

169 100

168 68.3 53.9 80.9

167 36.2 28.3 42.5



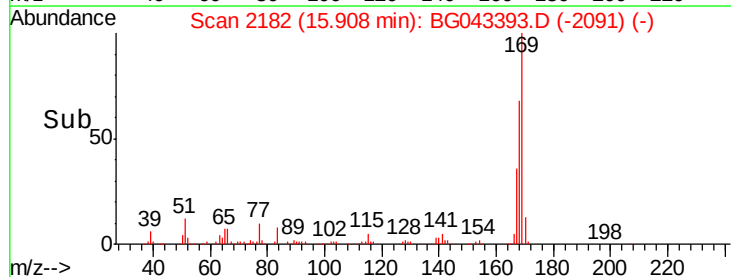
Abundance Ion 169.00 (168.70 to 169.70): E

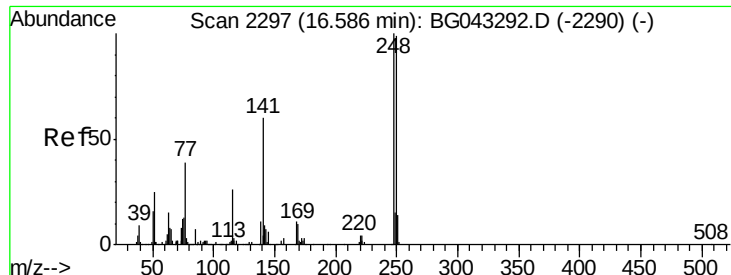
Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E

15.91

Time-->





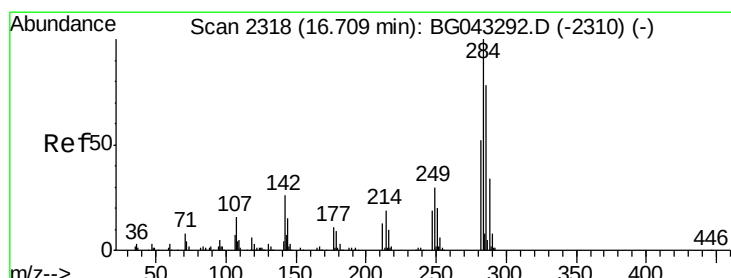
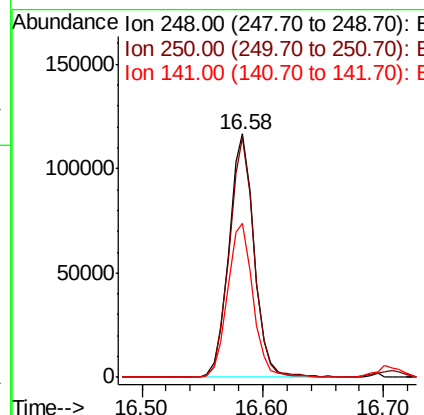
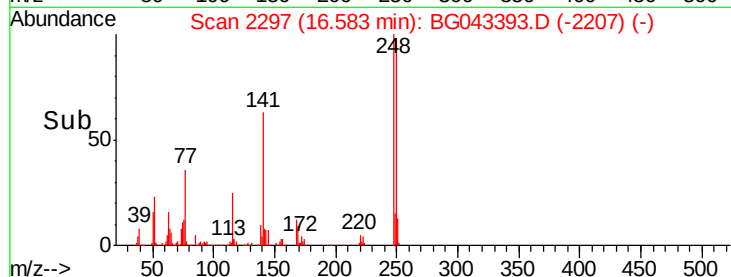
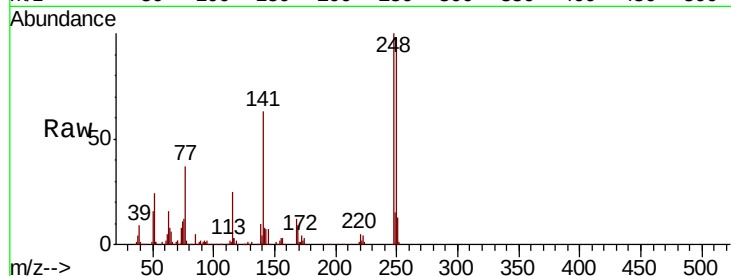
#67
4-Bromophenyl-phenylether
Concen: 44.127 ng
RT: 16.58 min Scan# 2297
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion:	248	Resp:	167803
Ion Ratio	Lower	Upper	
248	100		
250	98.3	79.3	118.9
141	63.1	47.9	71.9

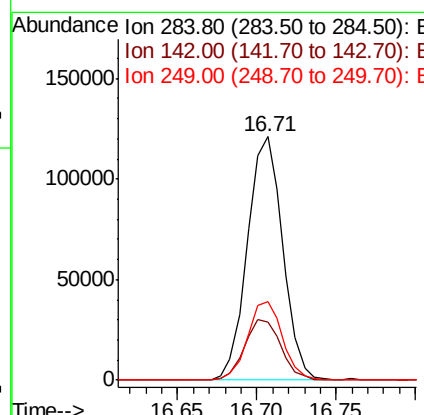
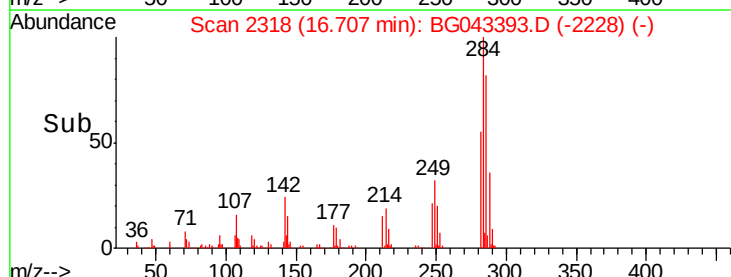
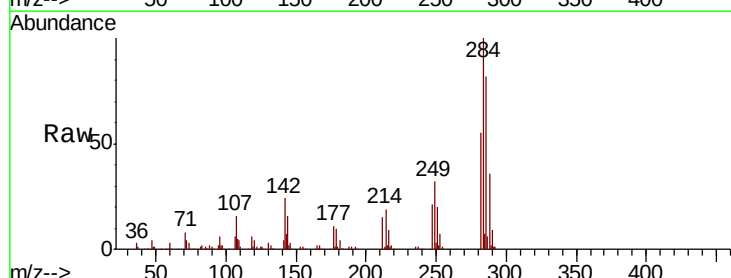
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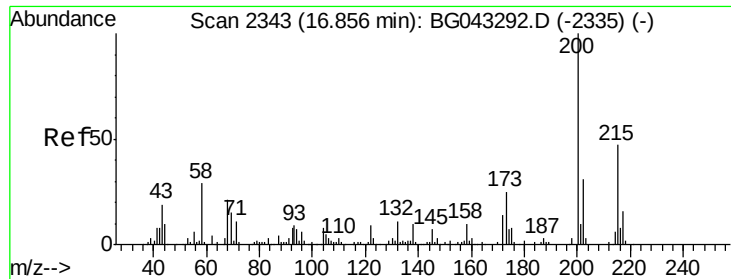
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#68
Hexachlorobenzene
Concen: 42.942 ng
RT: 16.71 min Scan# 2318
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion:	284	Resp:	187444
Ion Ratio	Lower	Upper	
284	100		
142	24.0	21.1	31.7
249	32.3	24.4	36.6





#69

Atrazine

Concen: 56.358 ng

RT: 16.85 min Scan# 2343

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

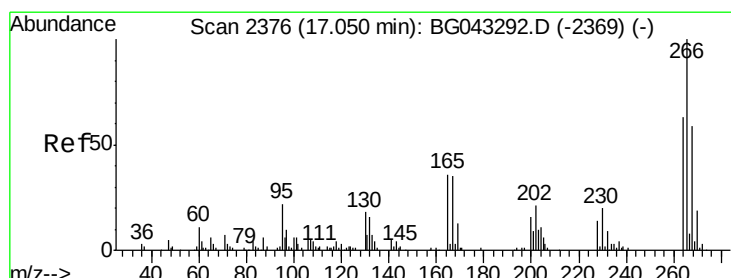
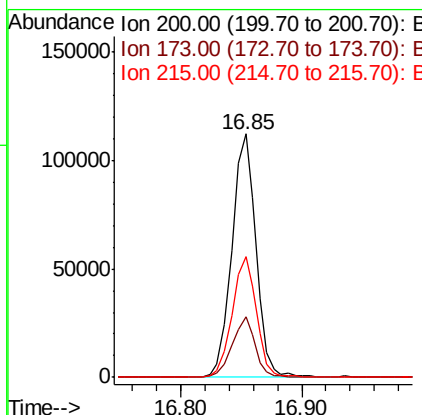
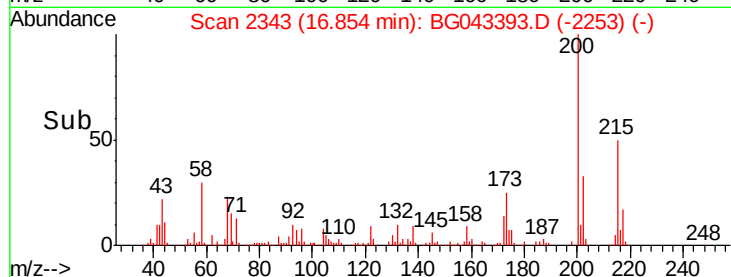
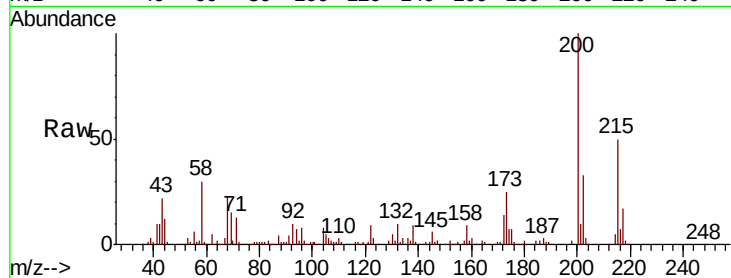
ClientSampleId :

HR-06-102519MSD

Tot Ion	Ratio	Resp	Lower	Upper
200	100	156225		
173	25.0	5.1	45.1	
215	49.7	26.6	66.6	

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#70

Pentachlorophenol

Concen: 108.219 ng

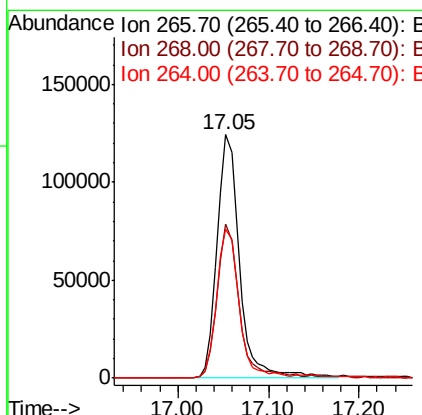
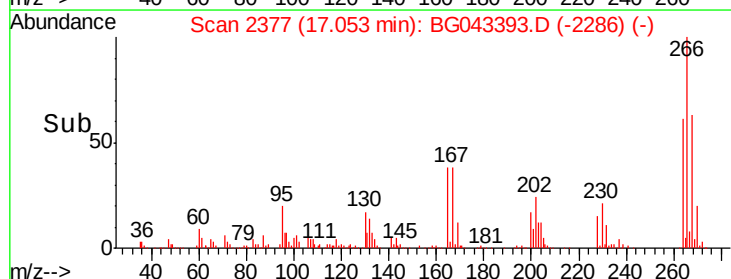
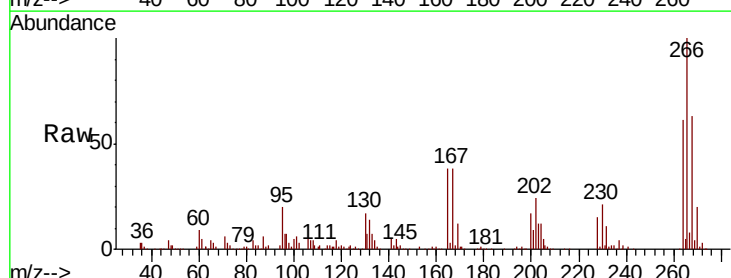
RT: 17.05 min Scan# 2377

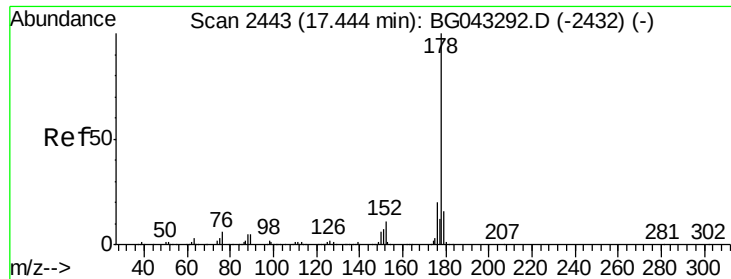
Delta R.T. 0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	215244		
268	63.1	47.1	70.7	
264	61.2	50.4	75.6	





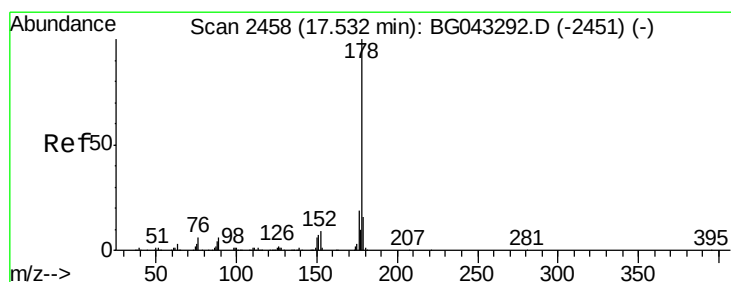
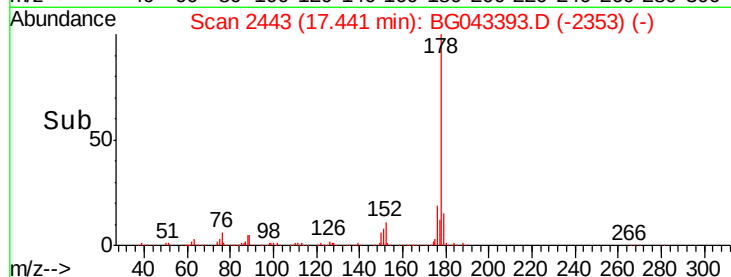
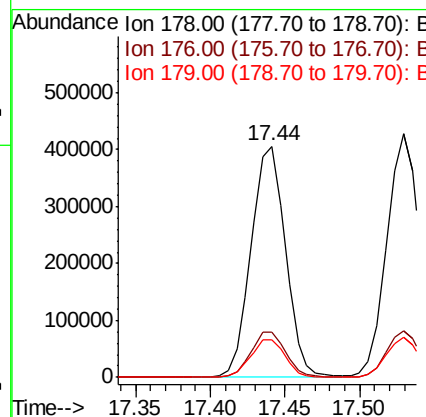
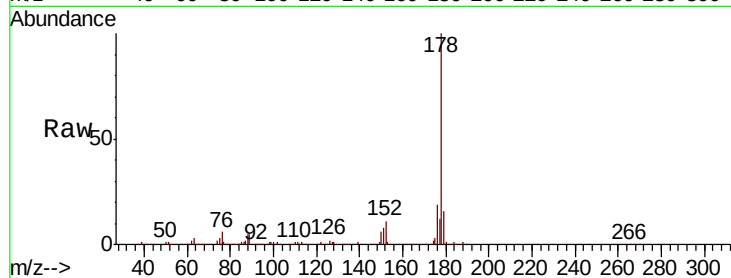
#71
Phenanthrene
Concen: 44.713 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.4	15.8	23.8
179	16.2	13.1	19.7

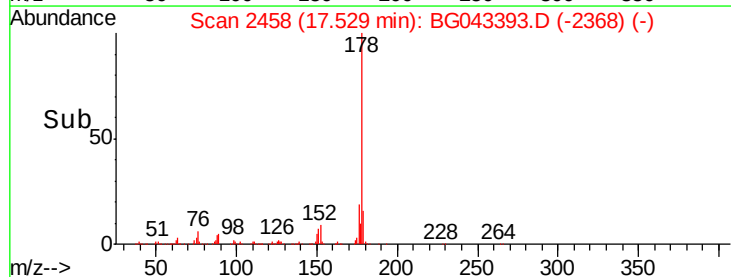
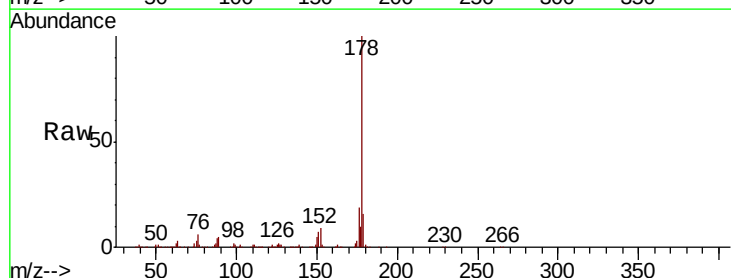
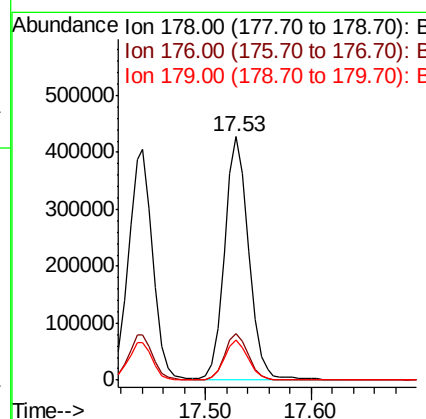
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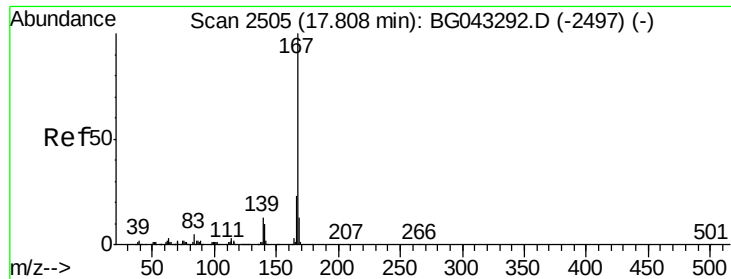
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#72
Anthracene
Concen: 46.672 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	16.5	13.0	19.6





#73

Carbazole

Concen: 45.657 ng

RT: 17.81 min Scan# 2505

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

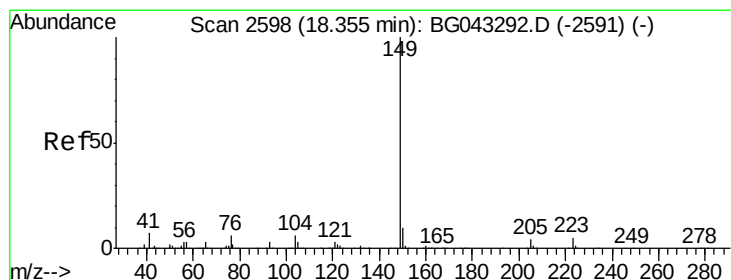
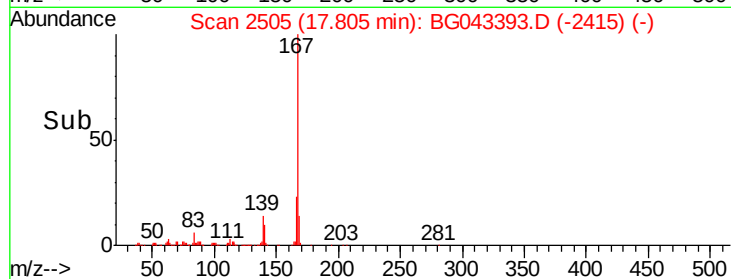
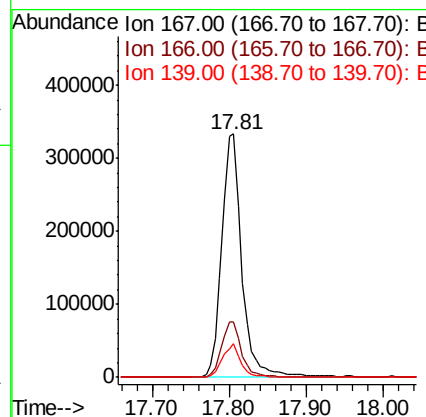
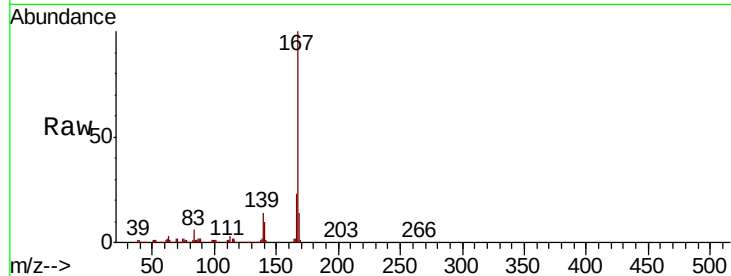
ClientSampleId :

HR-06-102519MSD

Tot Ion:	167	Resp:	598565
Ion Ratio	Lower	Upper	
167	100		
166	23.0	18.4	27.6
139	13.6	10.2	15.4

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#74

Di-n-butylphthalate

Concen: 45.012 ng

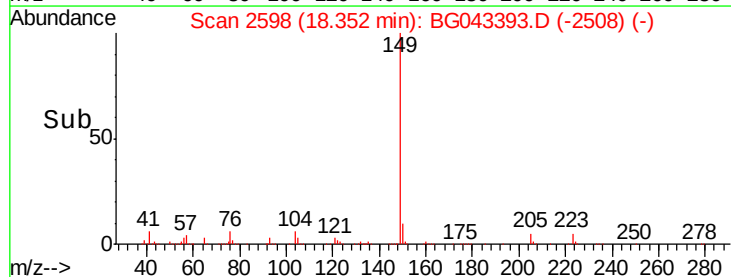
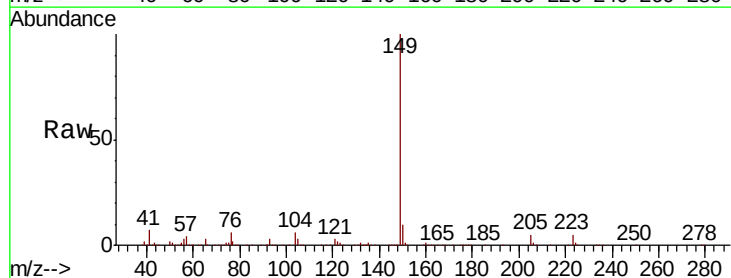
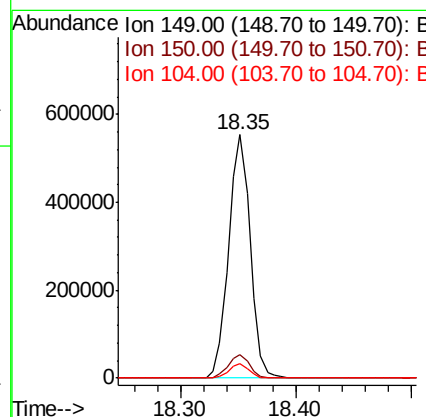
RT: 18.35 min Scan# 2598

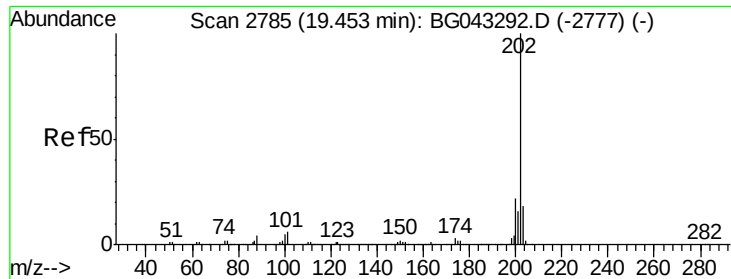
Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Tgt Ion:	149	Resp:	716011
Ion Ratio	Lower	Upper	
149	100		
150	9.7	8.0	12.0
104	5.7	4.7	7.1





#75

Fluoranthene

Concen: 45.216 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

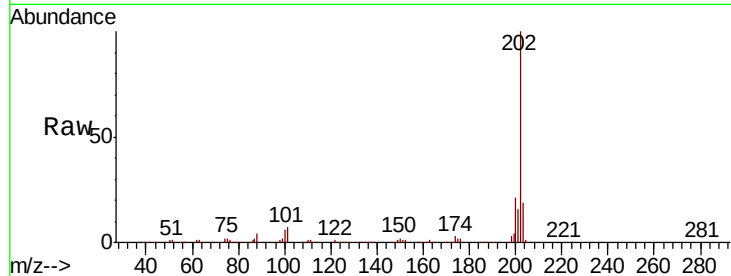
ClientSampleId :

HR-06-102519MSD

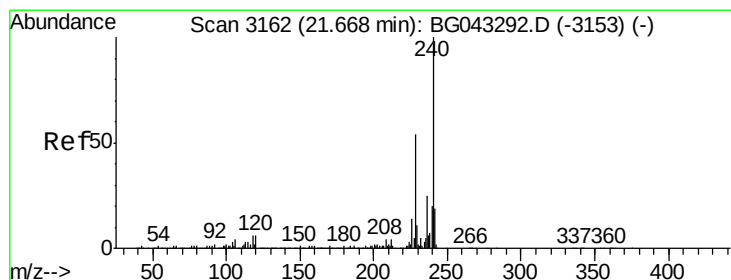
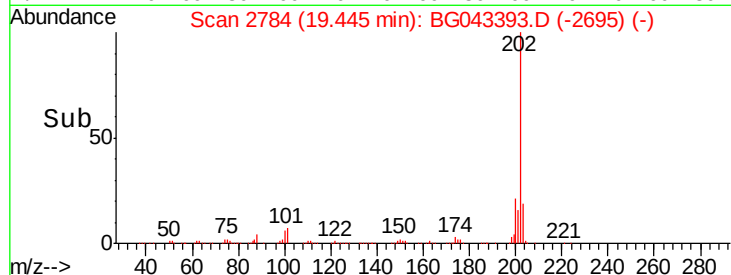
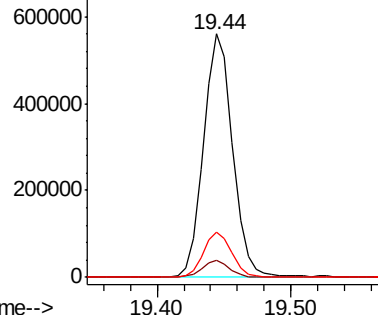
Tot Ion:	202	Resp:	852941
Ion Ratio	Lower	Upper	
202	100		
101	7.1	0.0	26.0
203	18.8	0.0	38.2

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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



#76

Chrysene-d12

Concen: 20.000 ng

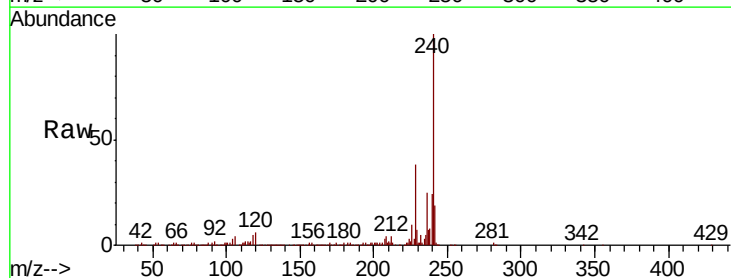
RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

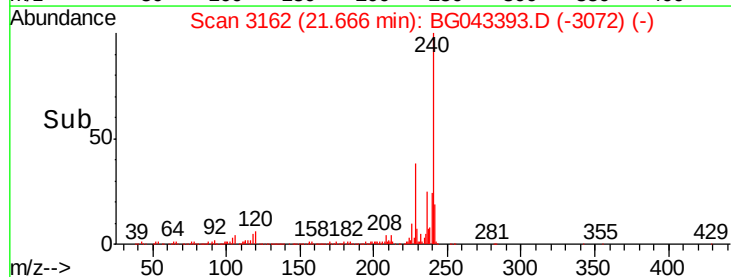
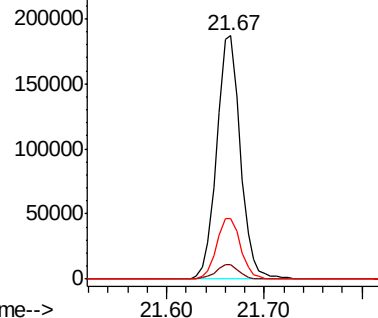
Lab File: BG043393.D

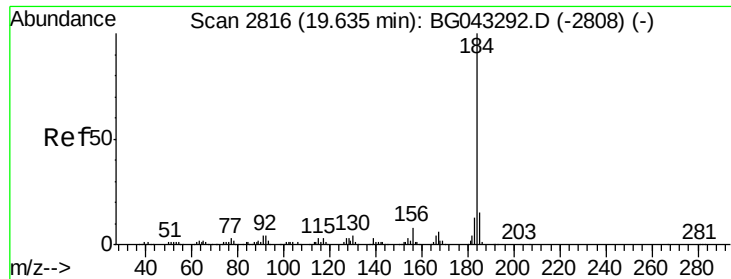
Acq: 30 Oct 2019 4:36

Tgt Ion:	240	Resp:	315854
Ion Ratio	Lower	Upper	
240	100		
120	5.9	4.6	7.0
236	24.8	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





#77

Benzidine

Concen: 21.408 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

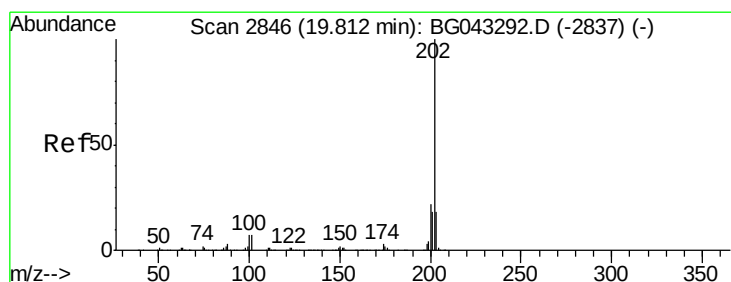
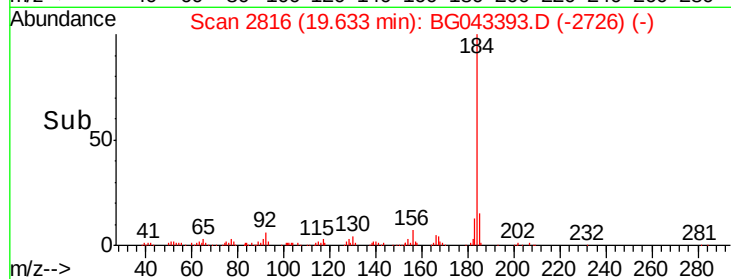
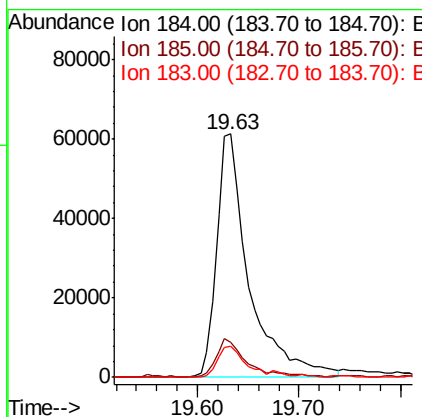
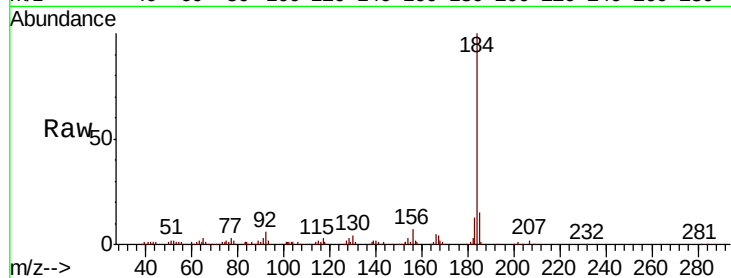
ClientSampleId :

HR-06-102519MSD

Tot Ion:	184	Resp:	136081
Ion Ratio	Lower	Upper	
184	100		
185	14.6	11.8	17.6
183	12.8	10.6	16.0

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#78

Pyrene

Concen: 44.150 ng

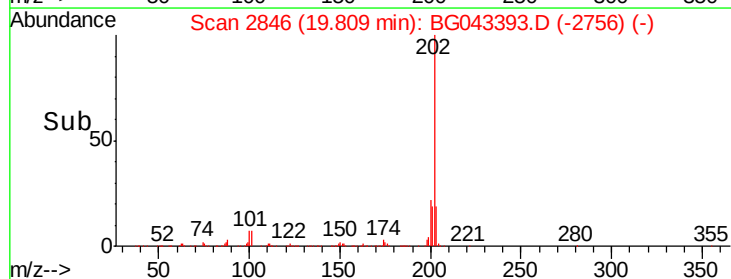
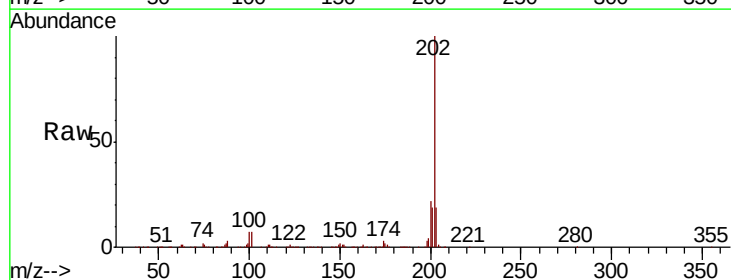
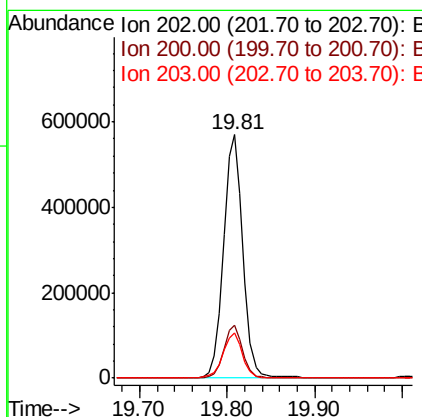
RT: 19.81 min Scan# 2846

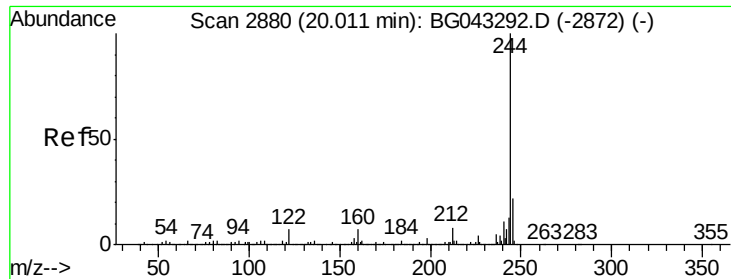
Delta R.T. -0.00 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Tgt Ion:	202	Resp:	863166
Ion Ratio	Lower	Upper	
202	100		
200	21.9	17.3	25.9
203	18.7	14.5	21.7





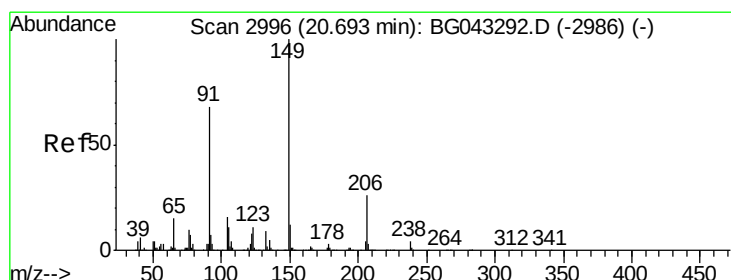
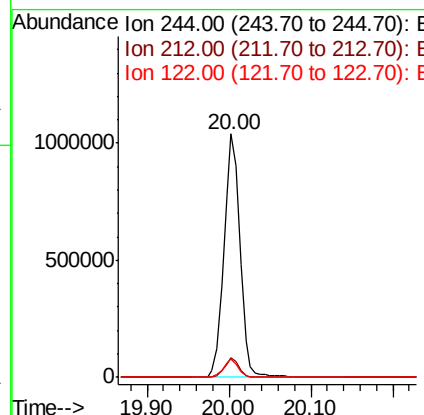
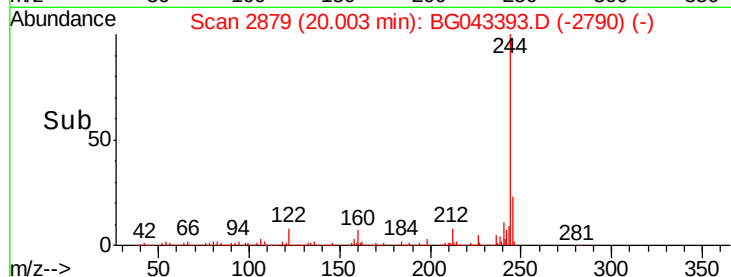
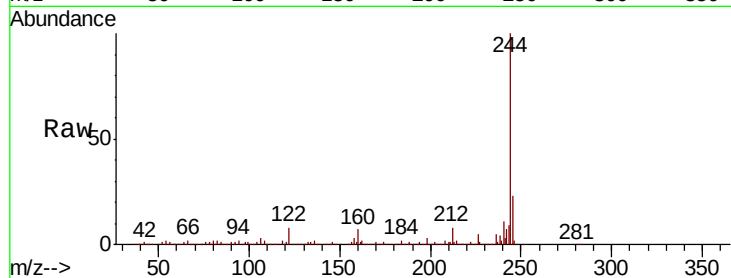
#79
 Terphenyl-d14
 Concen: 84.563 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

Instrument :
 BNA_G
 ClientSampleId :
 HR-06-102519MSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.8	6.4	9.6
122	7.6	5.3	7.9

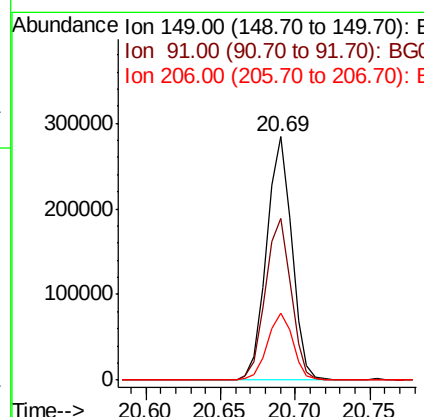
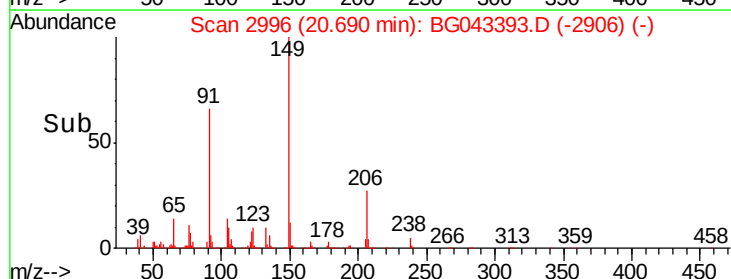
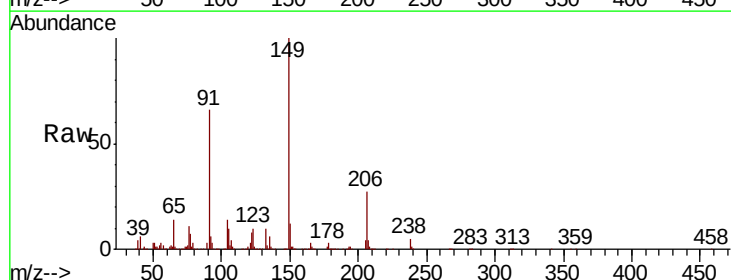
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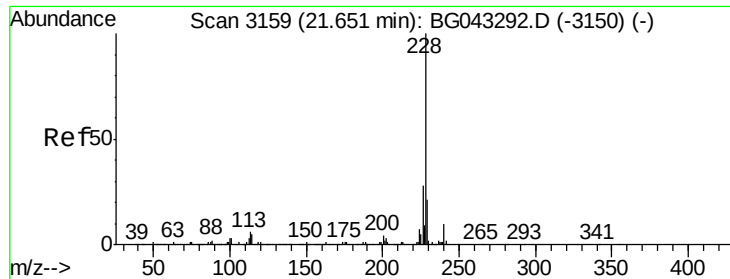
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#80
 Butylbenzylphthalate
 Concen: 44.633 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: BG043393.D
 Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
149	100		
91	66.2	54.6	82.0
206	27.4	20.5	30.7





#81

Benzo(a)anthracene

Concen: 46.157 ng

RT: 21.64 min Scan# 3158

Delta R.T. -0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

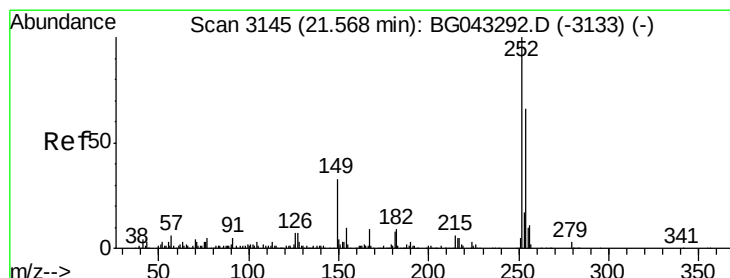
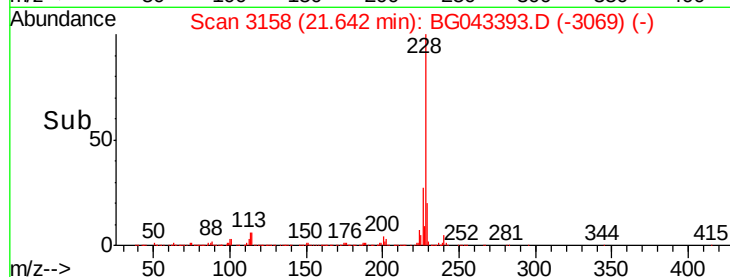
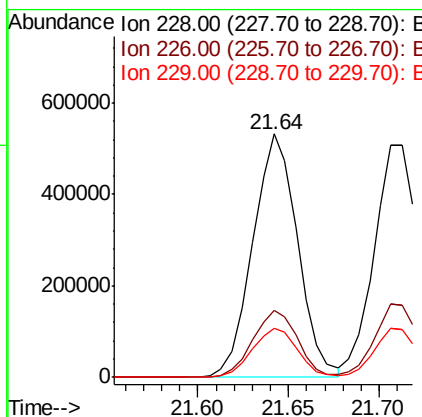
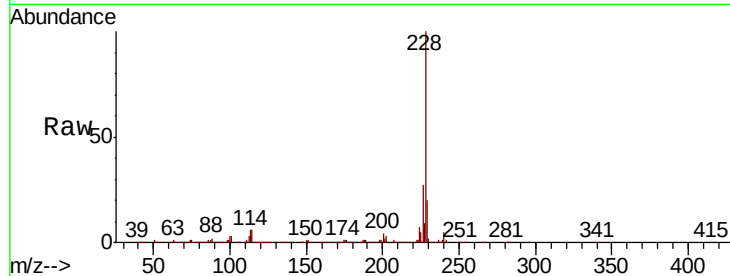
ClientSampleId :

HR-06-102519MSD

Tot Ion:	228	Resp:	913208
Ion Ratio	Lower	Upper	
228	100		
226	27.3	22.2	33.4
229	20.3	16.9	25.3

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#82

3,3'-Dichlorobenzidine

Concen: 21.346 ng

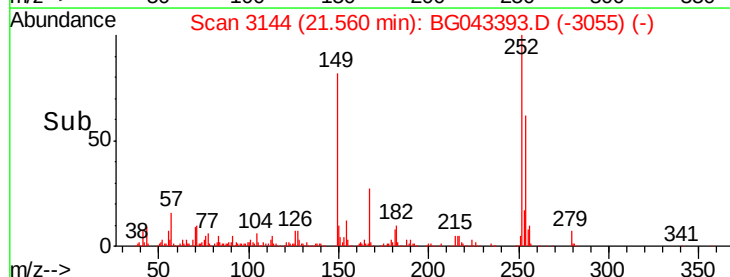
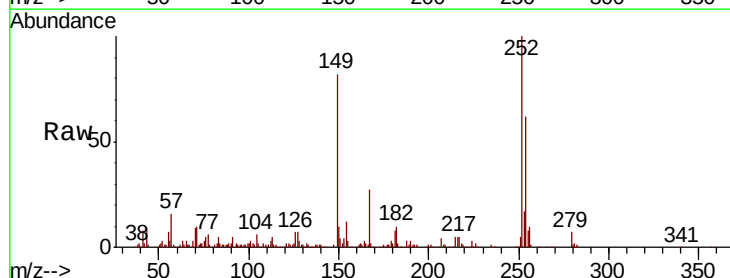
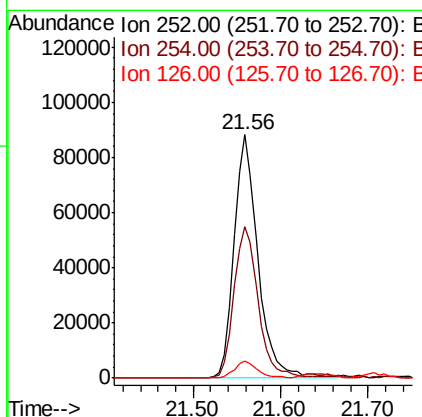
RT: 21.56 min Scan# 3144

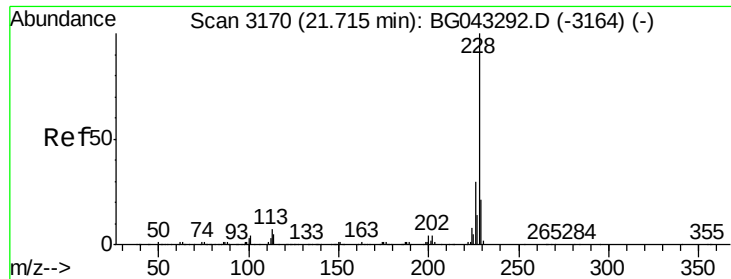
Delta R.T. -0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Tgt Ion:	252	Resp:	163348
Ion Ratio	Lower	Upper	
252	100		
254	62.4	52.7	79.1
126	7.1	5.6	8.4





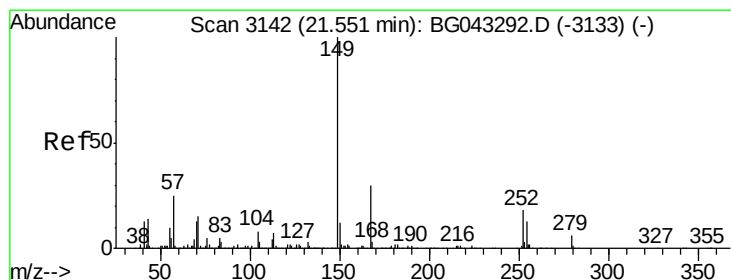
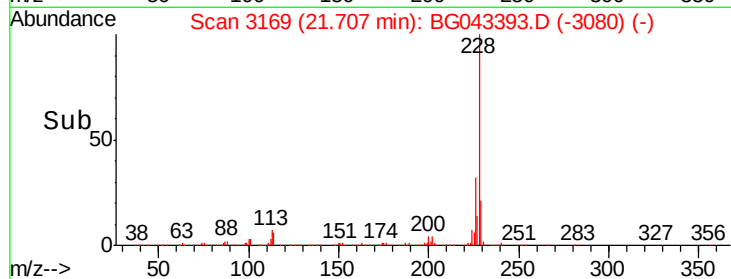
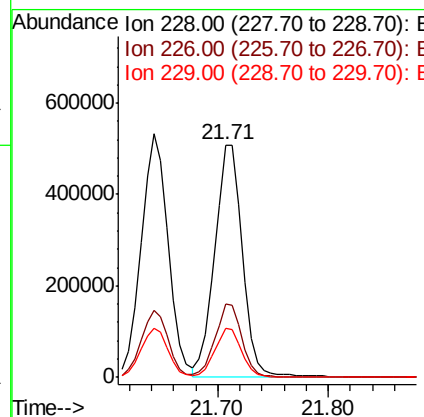
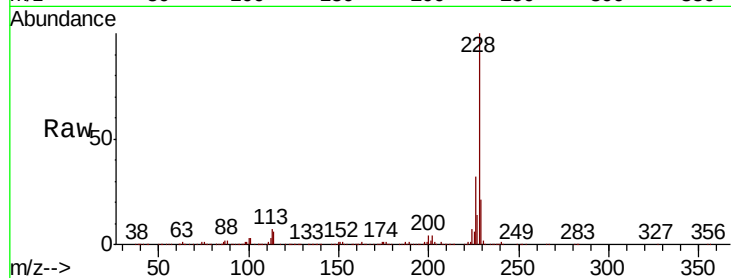
#83
Chrysene
Concen: 44.494 ng
RT: 21.71 min Scan# 3169
Delta R.T. -0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	23.8	35.8
229	21.4	16.3	24.5

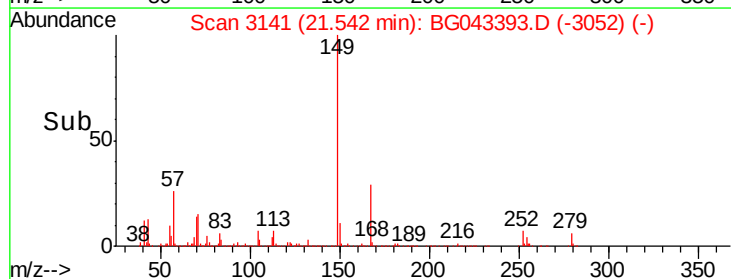
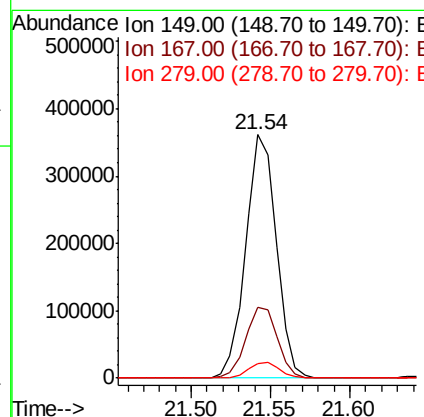
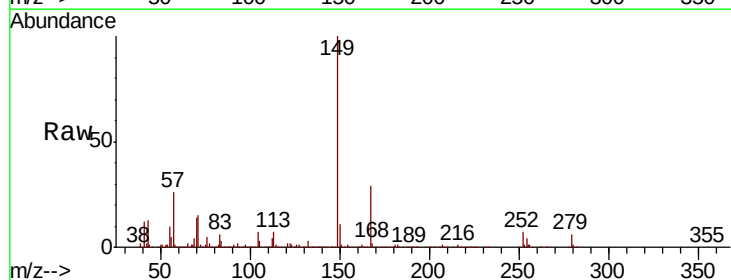
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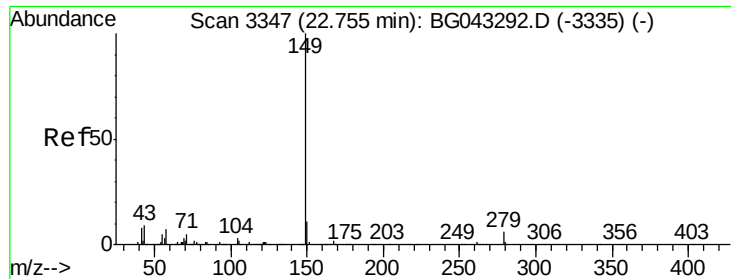
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#84
Bis(2-ethylhexyl)phthalate
Concen: 45.938 ng
RT: 21.54 min Scan# 3141
Delta R.T. -0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
149	100		
167	29.1	23.9	35.9
279	6.1	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 46.237 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

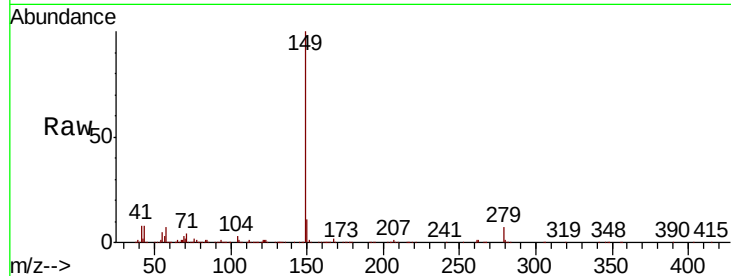
ClientSampleId :

HR-06-102519MSD

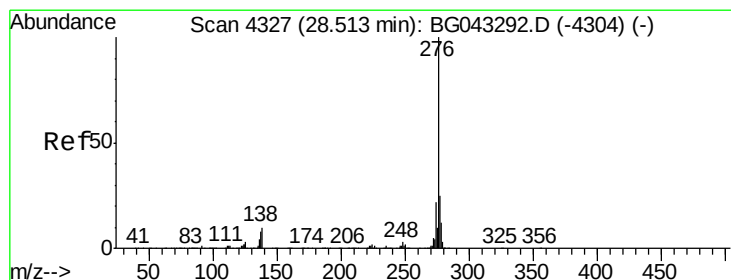
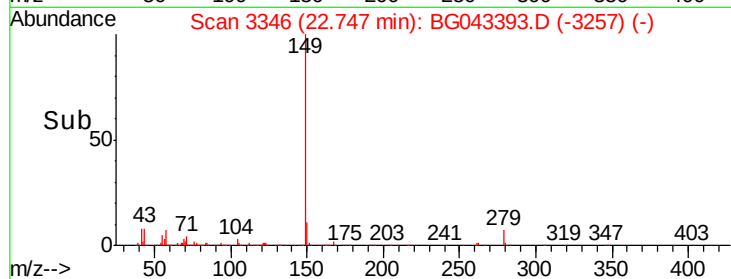
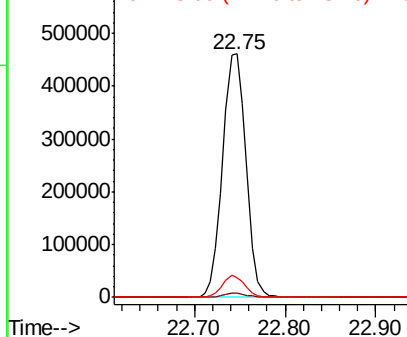
Tot Ion:	149	Resp:	825378
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.7	6.9	10.3

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



#86

Indeno(1,2,3-cd)pyrene

Concen: 47.215 ng

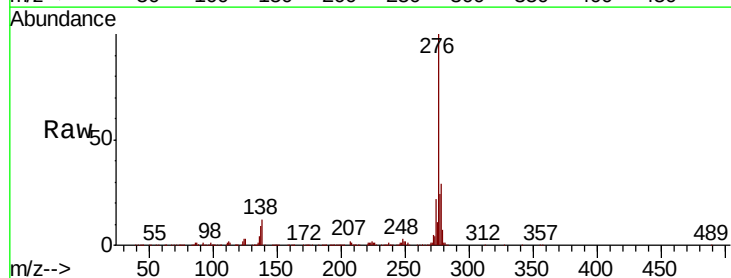
RT: 28.51 min Scan# 4327

Delta R.T. -0.00 min

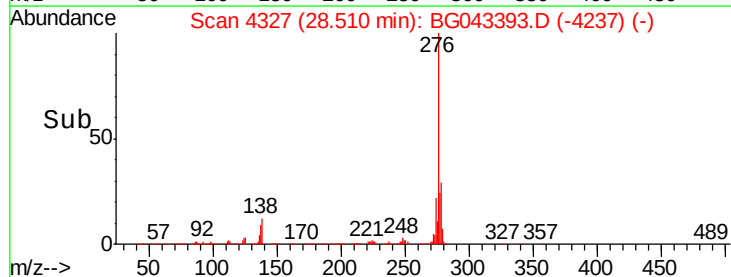
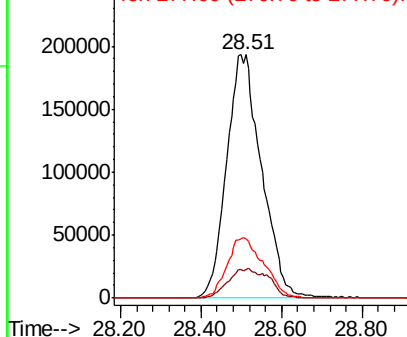
Lab File: BG043393.D

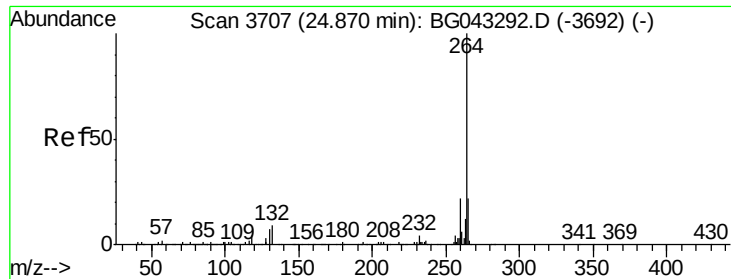
Acq: 30 Oct 2019 4:36

Tgt Ion:	276	Resp:	1165049
Ion Ratio	Lower	Upper	
276	100		
138	10.2	7.2	10.8
277	25.9	20.9	31.3



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3705

Delta R.T. -0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Instrument :

BNA_G

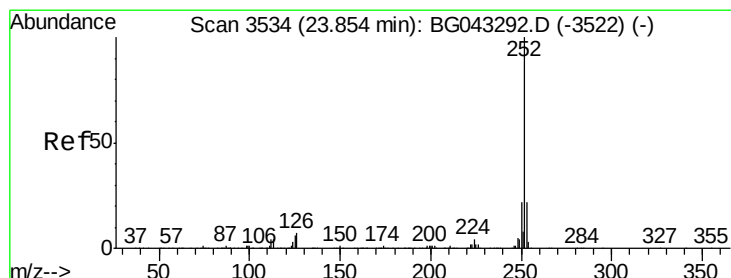
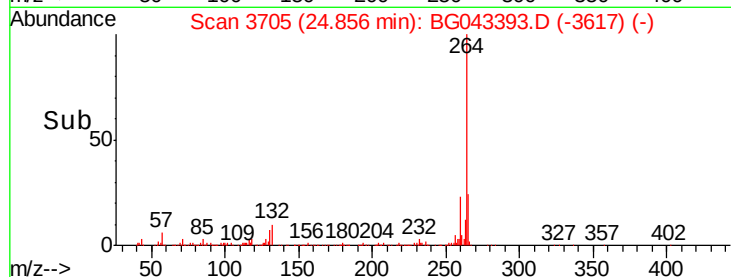
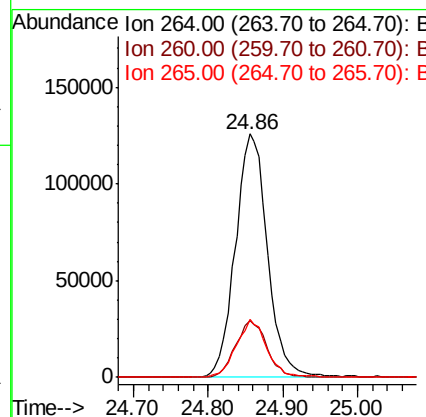
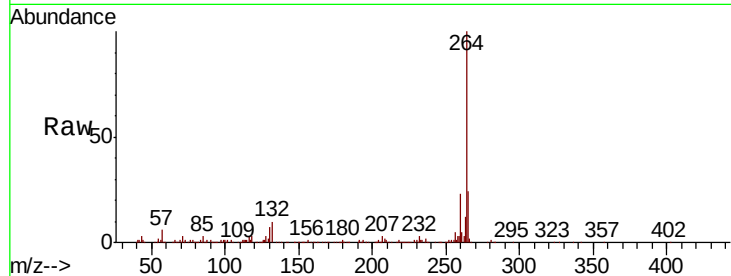
ClientSampleId :

HR-06-102519MSD

Tot Ion:	264	Resp:	374020
Ion Ratio		Lower	Upper
264	100		
260	23.3	17.9	26.9
265	23.8	17.4	26.2

Manual Integrations
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#88

Benzo(b)fluoranthene

Concen: 44.710 ng

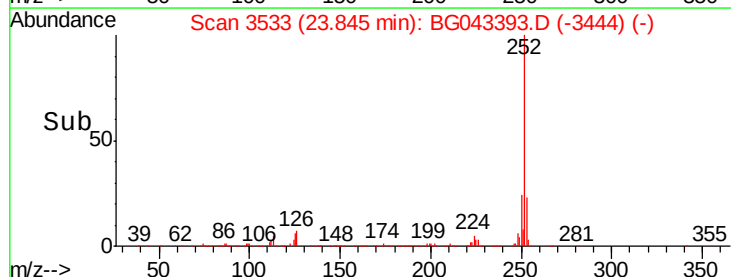
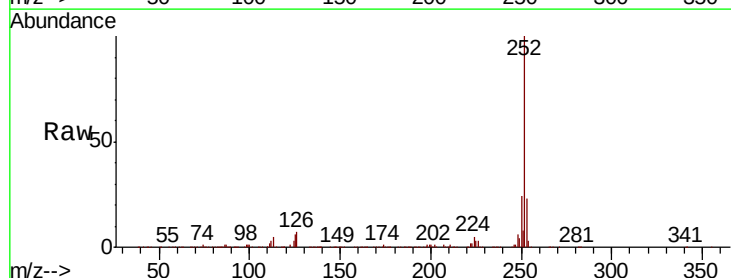
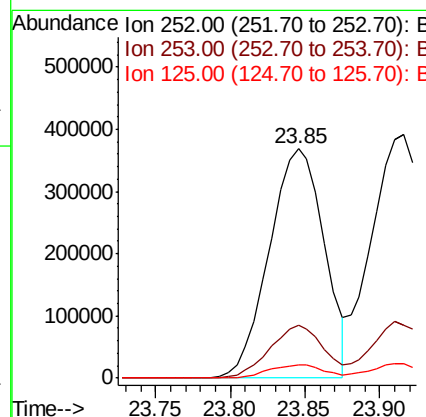
RT: 23.85 min Scan# 3533

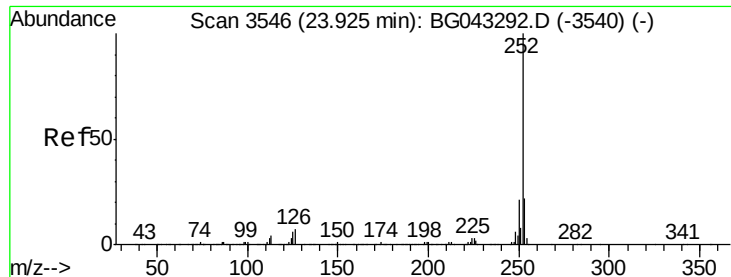
Delta R.T. -0.01 min

Lab File: BG043393.D

Acq: 30 Oct 2019 4:36

Tgt Ion:	252	Resp:	947105
Ion Ratio		Lower	Upper
252	100		
253	23.3	17.4	26.2
125	5.5	5.0	7.6





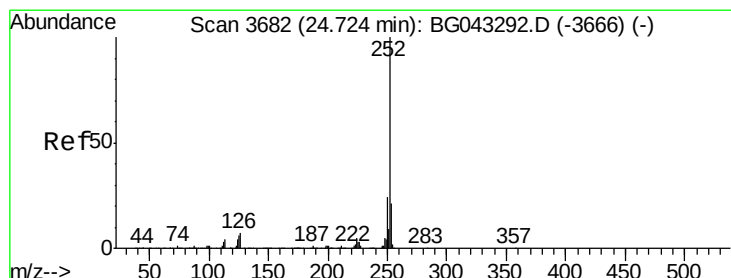
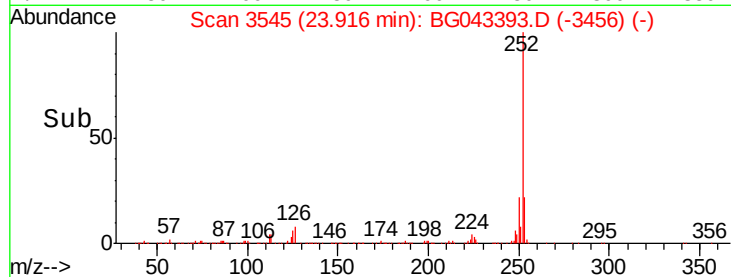
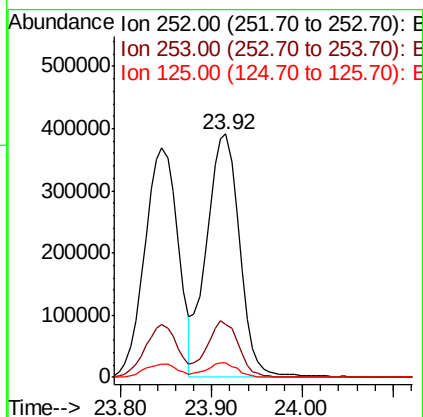
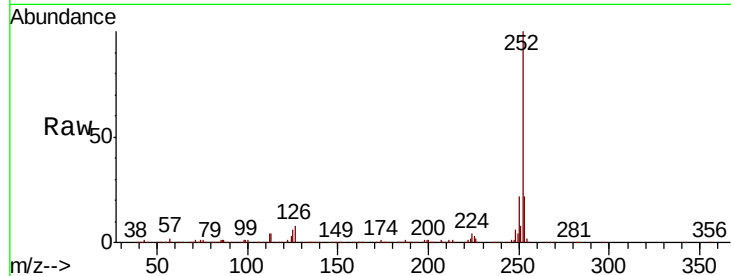
#89
Benzo(k)fluoranthene
Concen: 46.286 ng
RT: 23.92 min Scan# 3545
Delta R.T. -0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.6	26.4
125	5.9	4.5	6.7

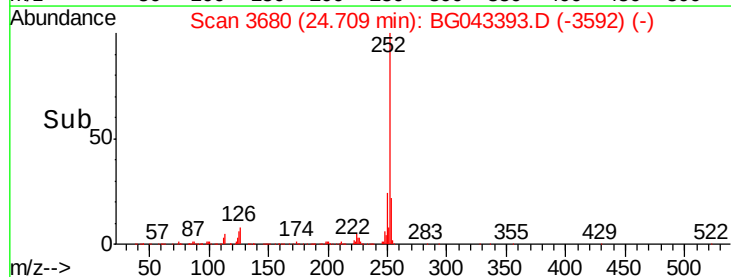
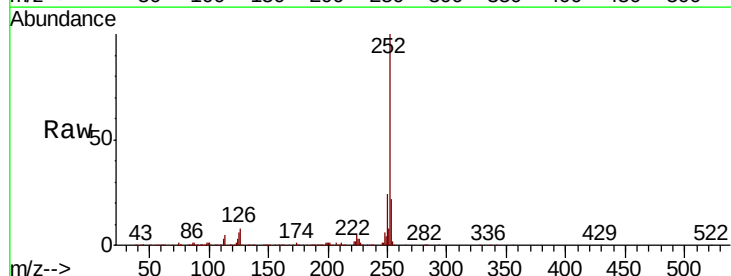
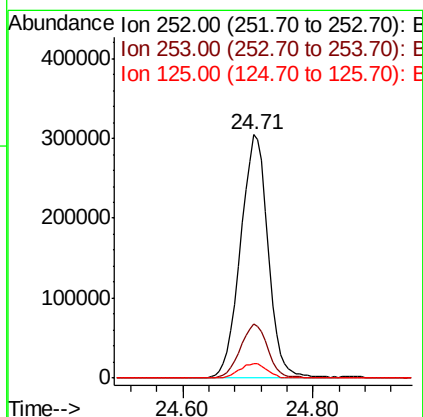
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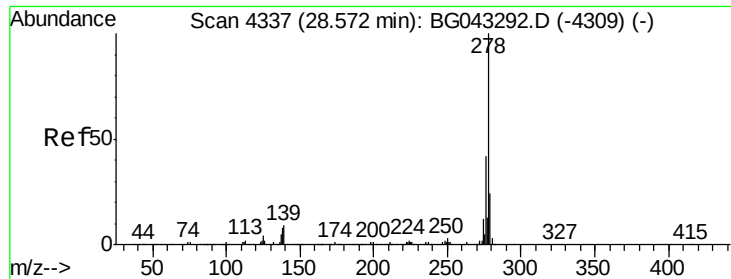
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#90
Benzo(a)pyrene
Concen: 44.213 ng
RT: 24.71 min Scan# 3680
Delta R.T. -0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
252	100		
253	22.2	17.2	25.8
125	5.9	5.0	7.6





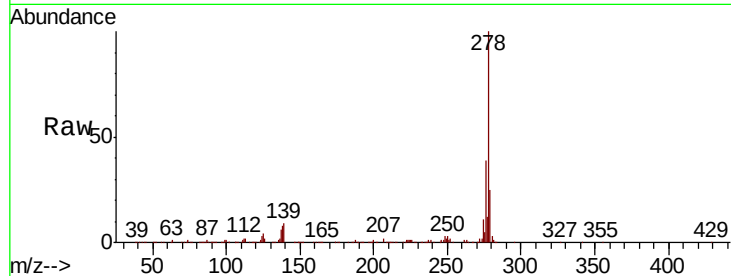
#91
Dibenzo(a,h)anthracene
Concen: 47.284 ng
RT: 28.56 min Scan# 4335
Delta R.T. -0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Instrument :
BNA_G
ClientSampleId :
HR-06-102519MSD

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.8	6.8	10.2
279	25.1	19.0	28.6

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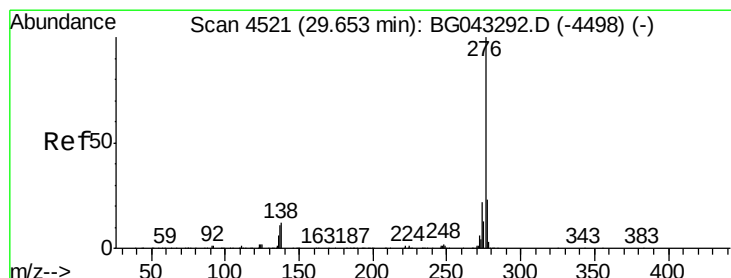
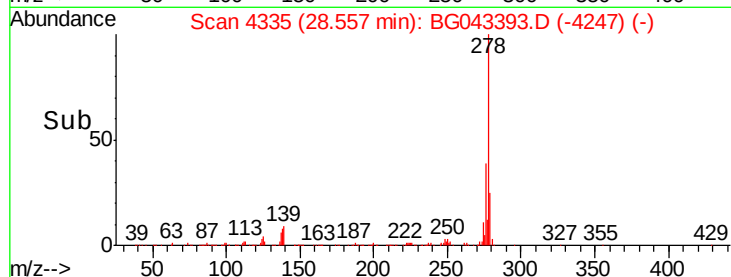
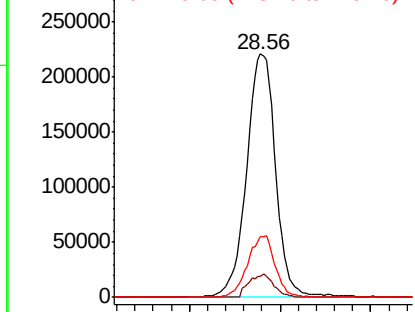


Abundance

Ion 278.00 (277.70 to 278.70): E

Ion 139.00 (138.70 to 139.70): E

Ion 279.00 (278.70 to 279.70): E



#92
Benzo(g,h,i)perylene
Concen: 47.876 ng
RT: 29.64 min Scan# 4520
Delta R.T. -0.01 min
Lab File: BG043393.D
Acq: 30 Oct 2019 4:36

Tgt Ion	Ratio	Lower	Upper
276	100		
277	24.7	18.3	27.5
138	11.8	9.3	13.9

Abundance

Ion 276.00 (275.70 to 276.70): E

Ion 277.00 (276.70 to 277.70): E

Ion 138.00 (137.70 to 138.70): E

