

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG093019\
 Data File : BG042944.D
 Acq On : 30 Sep 2019 15:44
 Operator : JU
 Sample : K5083-01MSD
 Misc :
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8MSD

Manual Integrations
 APPROVED

mohammad
 10/2/2019 8:33:16 AM

Quant Time: Oct 01 07:37:42 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG092519.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Wed Sep 25 15:35:52 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.07	152	65776	20.00	ng	-0.01
21) Naphthalene-d8	10.88	136	250779	20.00	ng	0.00
39) Acenaphthene-d10	14.69	164	178030	20.00	ng	0.00
64) Phenanthrene-d10	17.43	188	431180	20.00	ng	0.00
76) Chrysene-d12	21.70	240	481385	20.00	ng	-0.01
87) Perylene-d12	24.93	264	556902	20.00	ng	-0.03

System Monitoring Compounds

5) 2-Fluorophenol	5.66	112	385882	104.70	ng	0.00
7) Phenol-d6	7.24	99	552548	104.10	ng	0.00
23) Nitrobenzene-d5	9.23	82	353362	68.49	ng	0.00
42) 2,4,6-Tribromophenol	16.17	330	303431	99.12	ng	0.00
45) 2-Fluorobiphenyl	13.31	172	808153	65.81	ng	-0.01
79) Terphenyl-d14	20.04	244	1487223	65.83	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.55	88	49518	32.224	ng	100
3) Pyridine	3.95	79	123287	28.525	ng	95
4) n-Nitrosodimethylamine	3.86	42	77637	37.354	ng	99
6) Aniline	7.40	93	127555	19.909	ng	97
8) 2-Chlorophenol	7.64	128	150134	39.060	ng	98
9) Benzaldehyde	7.21	77	101876	31.411	ng	92
10) Phenol	7.27	94	205215	42.142	ng	97
11) bis(2-Chloroethyl)ether	7.49	93	134838	35.788	ng	98
12) 1,3-Dichlorobenzene	7.96	146	166197	33.895	ng	98
13) 1,4-Dichlorobenzene	8.11	146	168880	34.550	ng	98
14) 1,2-Dichlorobenzene	8.43	146	159128	34.194	ng	96
15) Benzyl Alcohol	8.31	79	143405	35.937	ng	100
16) 2,2'-oxybis(1-Chloropropan	8.60	45	232802	32.174	ng	99
17) 2-Methylphenol	8.52	107	127833	37.517	ng	94
18) Hexachloroethane	9.16	117	62346	33.867	ng	98
19) n-Nitroso-di-n-propylamine	8.88	70	116310	33.373	ng	97
20) 3+4-Methylphenols	8.84	107	174351	37.339	ng	97
22) Acetophenone	8.89	105	223918	34.639	ng	99
24) Nitrobenzene	9.27	77	182165	37.015	ng	99
25) Isophorone	9.80	82	332280	36.664	ng	99
26) 2-Nitrophenol	9.99	139	83679	39.942	ng	98
27) 2,4-Dimethylphenol	10.05	122	141177	43.879	ng	96
28) bis(2-Chloroethoxy)methane	10.28	93	179153	34.841	ng	98
29) 2,4-Dichlorophenol	10.52	162	153045	38.248	ng	98
30) 1,2,4-Trichlorobenzene	10.73	180	179290	34.697	ng	96
31) Naphthalene	10.93	128	454881	36.848	ng	99
32) Benzoic acid	10.16	122	78490	33.684	ng	94
33) 4-Chloroaniline	11.03	127	66317	12.380	ng	99
34) Hexachlorobutadiene	11.22	225	134754	34.828	ng	95
35) Caprolactam	11.80	113	52086m	36.912	ng	
36) 4-Chloro-3-methylphenol	12.16	107	168753	38.787	ng	97
37) 2-Methylnaphthalene	12.53	142	343349	36.458	ng	97
38) 1-Methylnaphthalene	12.74	142	319880	35.896	ng	100
40) 1,2,4,5-Tetrachlorobenzene	12.89	216	225935	33.753	ng	99

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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.87	237	347363	81.445	nq	98
43) 2,4,6-Trichlorophenol	13.13	196	146368	37.359	nq	98
44) 2,4,5-Trichlorophenol	13.20	196	157454	39.012	nq	96
46) 1,1'-Biphenyl	13.52	154	465053	34.446	nq	99
47) 2-Chloronaphthalene	13.57	162	369197	36.474	nq	99
48) 2-Nitroaniline	13.77	65	120428	35.777	nq	95
49) Acenaphthylene	14.41	152	595541	38.450	nq	99
50) Dimethylphthalate	14.15	163	568983	42.655	nq	99
51) 2,6-Dinitrotoluene	14.26	165	106640	37.541	nq	99
52) Acenaphthene	14.75	154	371710	35.854	nq	98
53) 3-Nitroaniline	14.59	138	44633	15.204	nq	# 95
54) 2,4-Dinitrophenol	14.79	184	143019	80.998	nq	96
55) Dibenzofuran	15.09	168	577968	37.687	nq	99
56) 4-Nitrophenol	14.91	139	175632	78.519	nq	94
57) 2,4-Dinitrotoluene	15.04	165	155005	37.262	nq	97
58) Fluorene	15.73	166	484044	36.969	nq	99
59) 2,3,4,6-Tetrachlorophenol	15.32	232	161327	37.541	nq	99
60) Diethylphthalate	15.50	149	484282	35.674	nq	98
61) 4-Chlorophenyl-phenylether	15.73	204	281510	35.850	nq	99
62) 4-Nitroaniline	15.75	138	107887	33.697	nq	91
63) Azobenzene	16.02	77	451160	36.504	nq	99
65) 4,6-Dinitro-2-methylphenol	15.81	198	95133	38.991	nq	98
66) n-Nitrosodiphenylamine	15.94	169	435000	38.216	nq	99
67) 4-Bromophenyl-phenylether	16.62	248	197273	36.453	nq	100
68) Hexachlorobenzene	16.74	284	211263	35.061	nq	94
69) Atrazine	16.89	200	168229	35.098	nq	97
70) Pentachlorophenol	17.09	266	278125	79.992	nq	99
71) Phenanthrene	17.47	178	779704	37.040	nq	97
72) Anthracene	17.57	178	803048	38.213	nq	99
73) Carbazole	17.83	167	737159	37.827	nq	99
74) Di-n-butylphthalate	18.40	149	853218	36.696	nq	100
75) Fluoranthene	19.48	202	1046030	37.569	nq	98
77) Benzidine	19.66	184	528492	43.846	nq	99
78) Pyrene	19.84	202	1076447	37.465	nq	99
80) Butylbenzylphthalate	20.73	149	398549	36.544	nq	98
81) Benzo(a)anthracene	21.69	228	1105107	36.843	nq	99
82) 3,3'-Dichlorobenzidine	21.60	252	184497	15.683	nq	99
83) Chrysene	21.75	228	1082728	37.197	nq	98
84) Bis(2-ethylhexyl)phthalate	21.60	149	572587	36.897	nq	98
85) Di-n-octyl phthalate	22.81	149	963696	37.977	nq	99
86) Indeno(1,2,3-cd)pyrene	28.61	276	1345550	37.132	nq	99
88) Benzo(b)fluoranthene	23.91	252	1175154	37.293	nq	100
89) Benzo(k)fluoranthene	23.98	252	1133134	36.350	nq	99
90) Benzo(a)pyrene	24.78	252	1137735	38.270	nq	98
91) Dibenzo(a,h)anthracene	28.68	278	1131660	37.122	nq	97
92) Benzo(g,h,i)perylene	29.75	276	1122530	38.003	nq	99

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

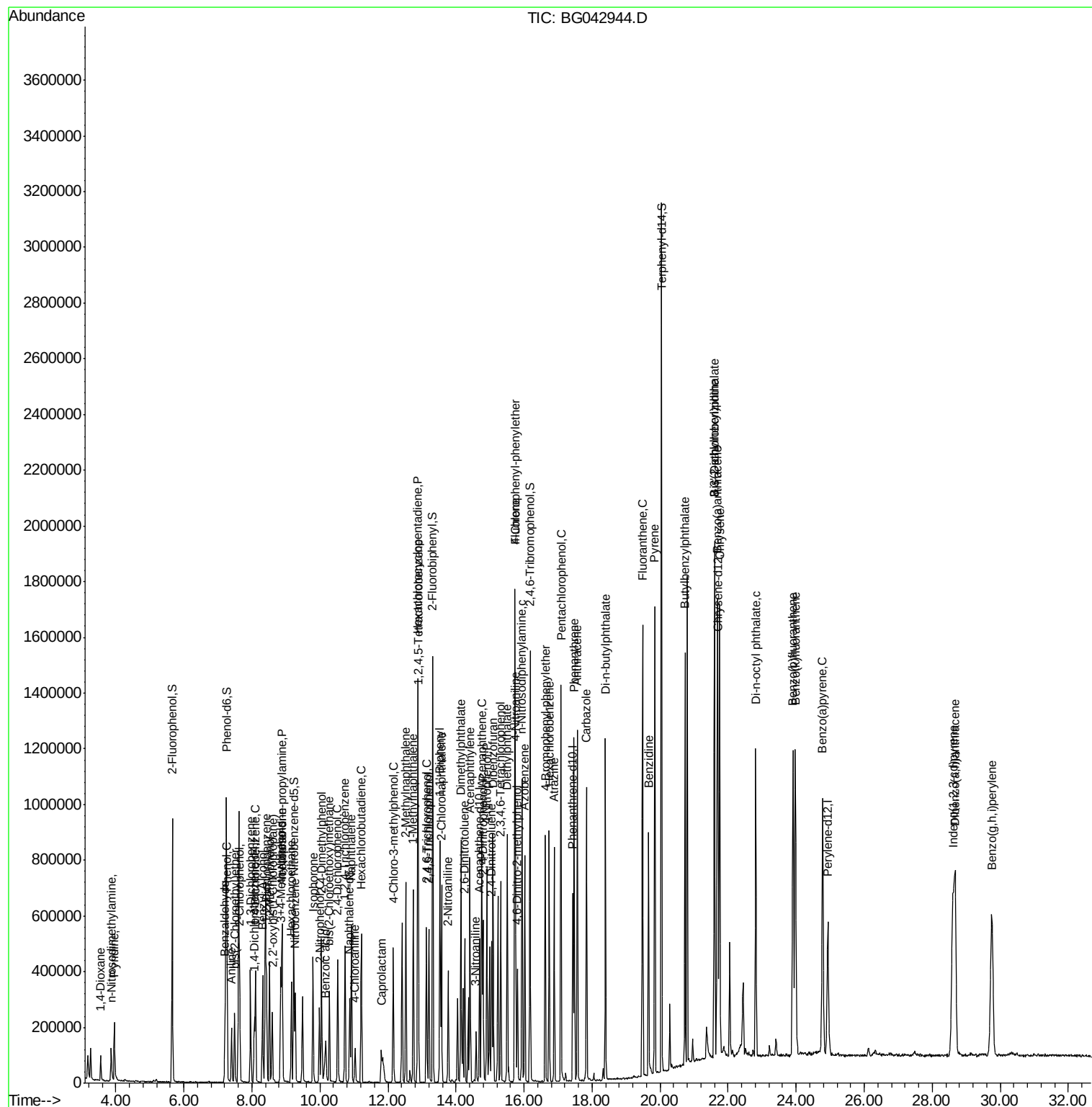
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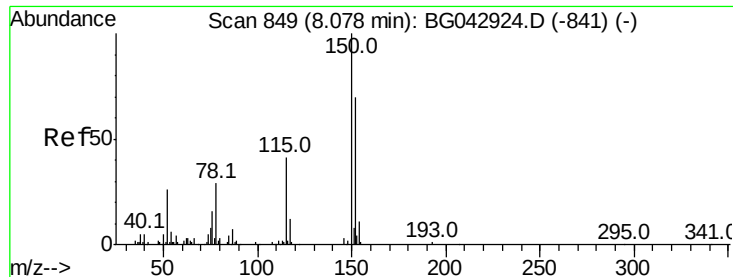
Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MSD

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#1

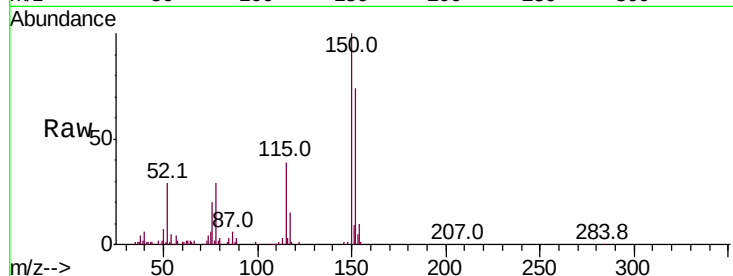
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.07 min Scan# 847
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	134.9	115.0	172.4
115	52.6	47.0	70.6

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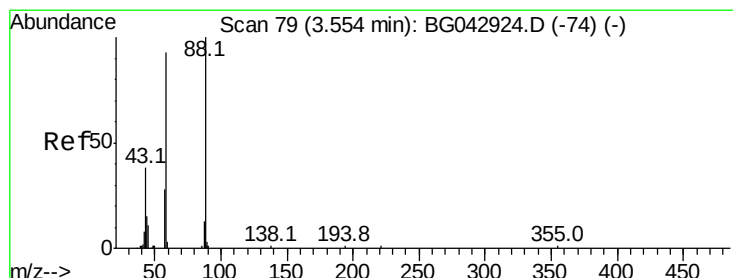
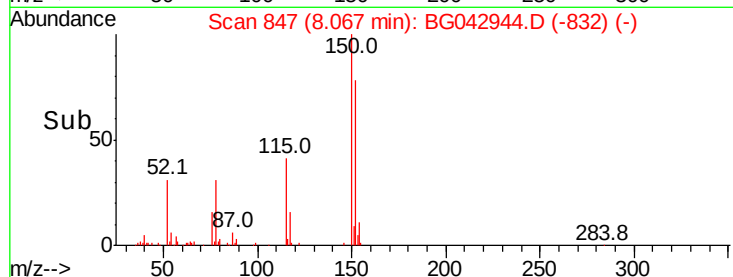
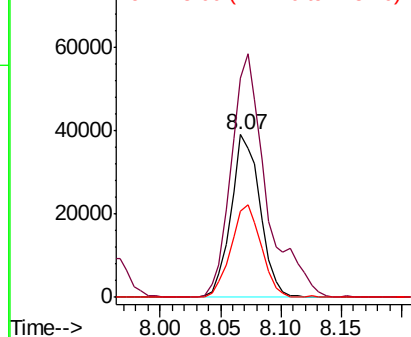


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

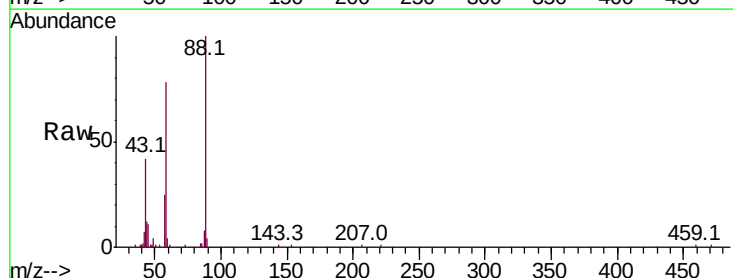
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 32.224 ng
RT: 3.55 min Scan# 79
Delta R.T. -0.00 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
88	100		
58	93.0	74.3	111.5
43	36.8	29.8	44.8

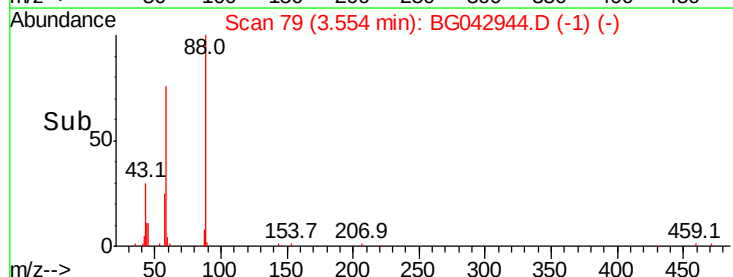
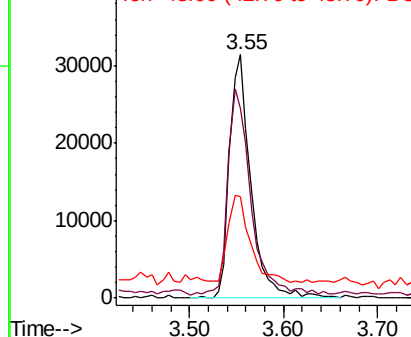


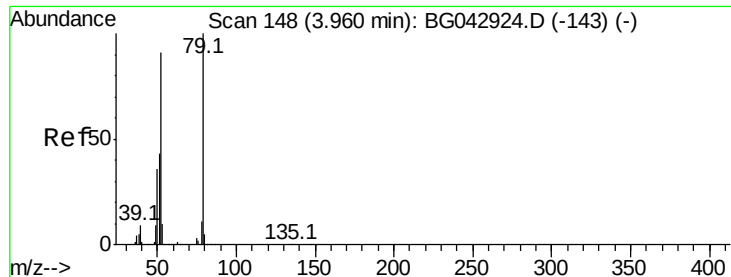
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





#3

Pvridine

Concen: 28.525 ng

RT: 3.95 min Scan# 147

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

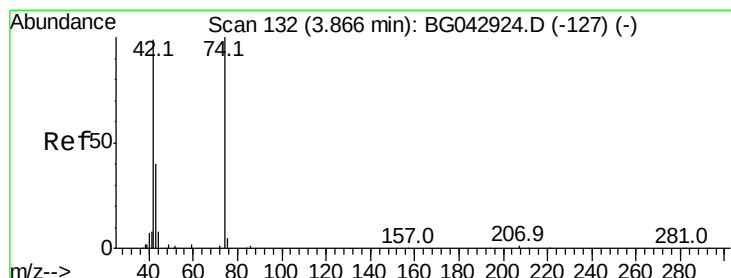
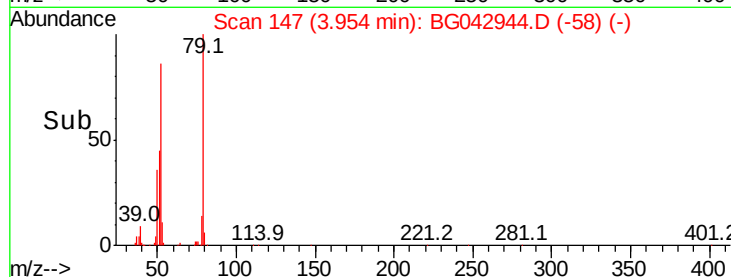
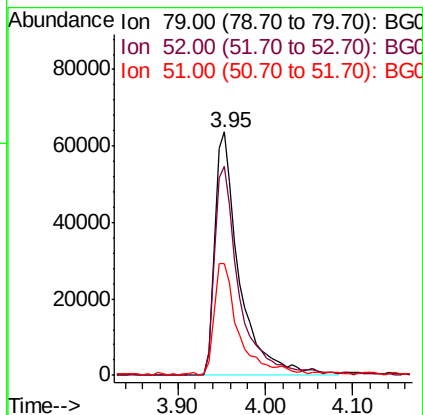
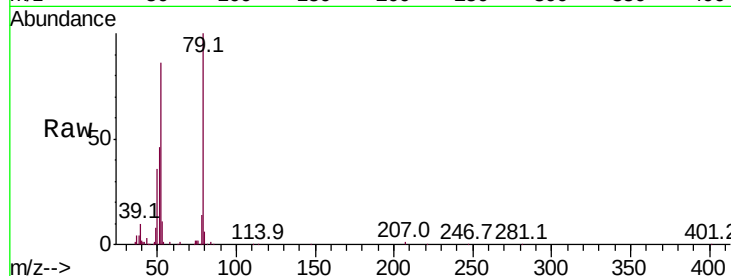
ClientSampleId :

20190708-RR-COMPOSITE-8MSD

Tot Ion:	79	Resp:	123287
Ion Ratio	Lower	Upper	
79	100		
52	85.8	73.0	109.4
51	45.8	35.1	52.7

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#4

n-Nitrosodimethylamine

Concen: 37.354 ng

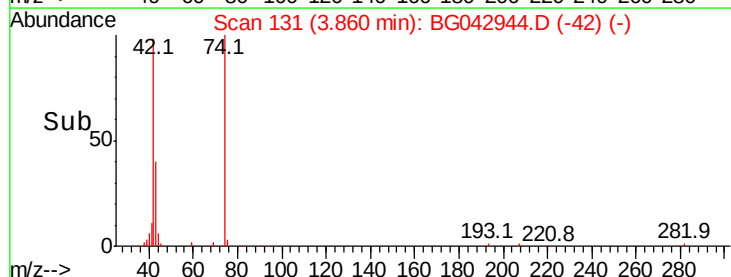
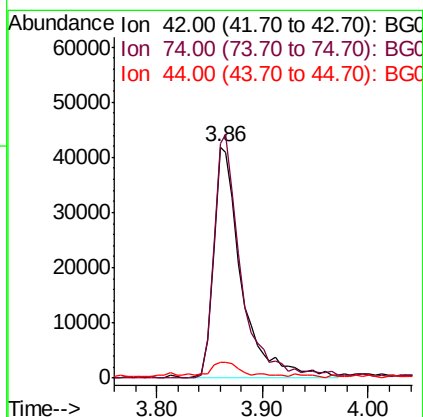
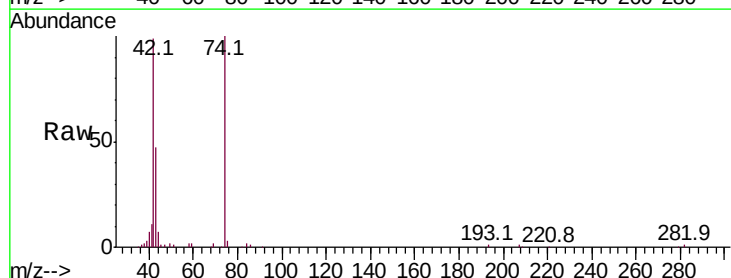
RT: 3.86 min Scan# 131

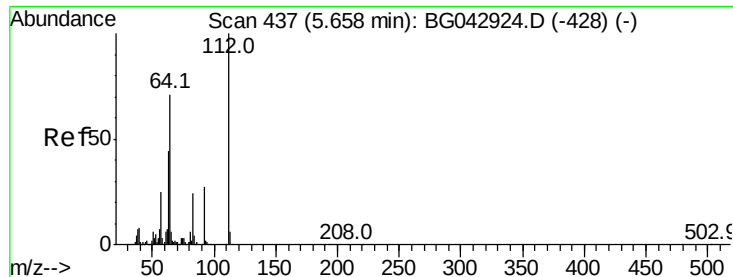
Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion:	42	Resp:	77637
Ion Ratio	Lower	Upper	
42	100		
74	101.5	80.5	120.7
44	6.9	6.9	10.3





#5

2-Fluorophenol

Concen: 104.697 ng

RT: 5.66 min Scan# 437

Delta R.T. -0.00 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

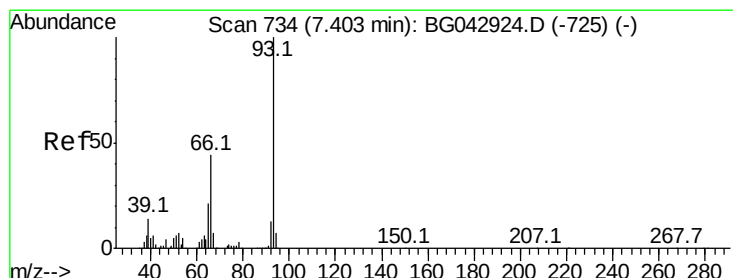
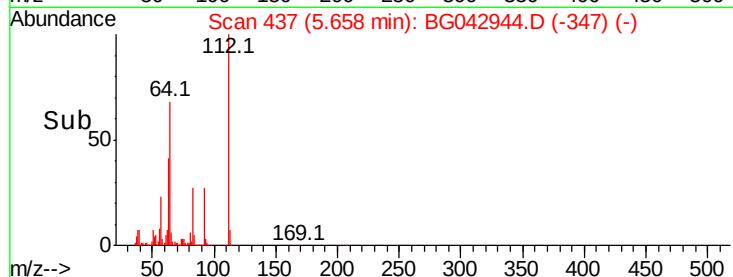
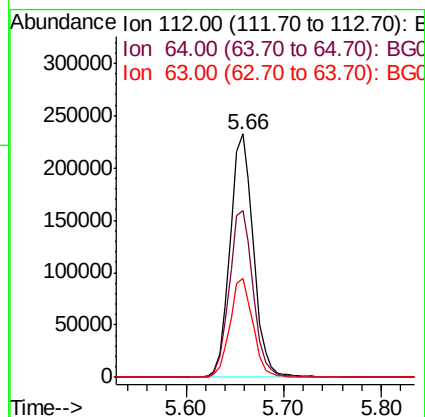
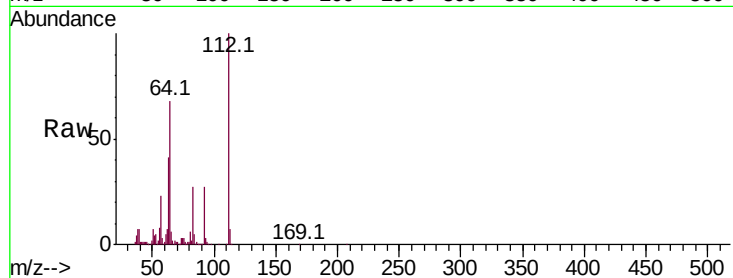
ClientSampleId :

20190708-RR-COMPOSITE-8MSD

Tot Ion:	112	Resp:	385882
Ion Ratio	Lower	Upper	
112	100		
64	68.4	56.6	84.8
63	40.5	35.1	52.7

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#6

Aniline

Concen: 19.909 ng

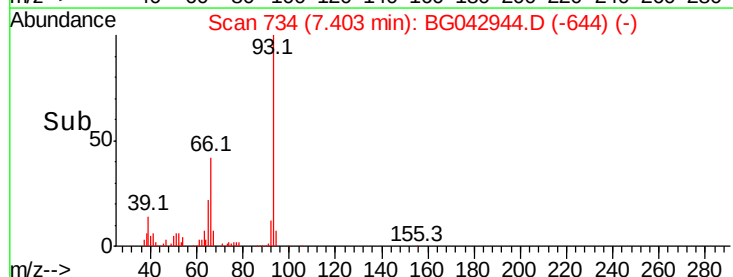
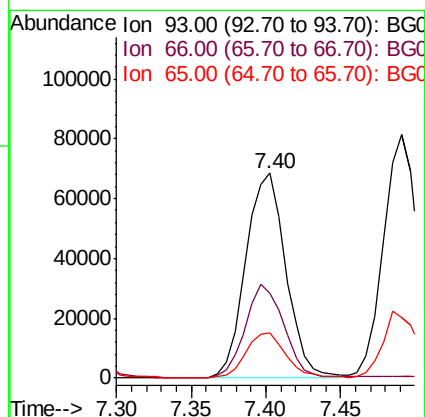
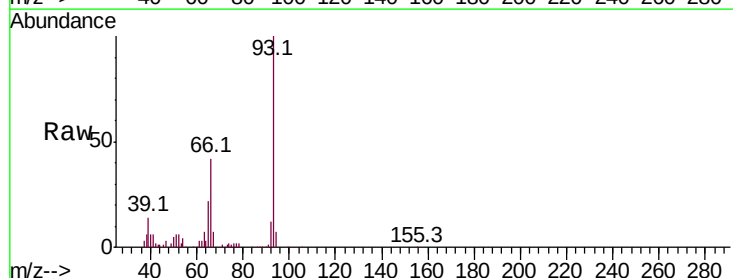
RT: 7.40 min Scan# 734

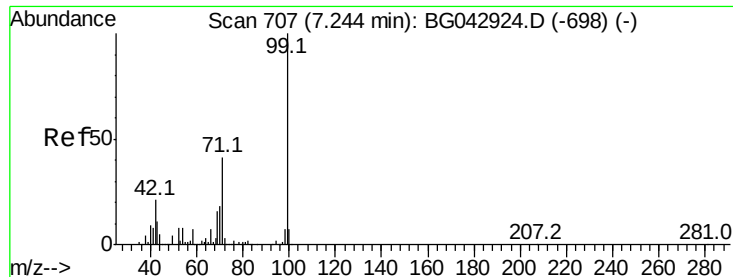
Delta R.T. -0.00 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion:	93	Resp:	127555
Ion Ratio	Lower	Upper	
93	100		
66	41.6	35.0	52.6
65	22.1	17.4	26.0





#7

Phenol-d6

Concen: 104.104 ng

RT: 7.24 min Scan# 707

Delta R.T. -0.00 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

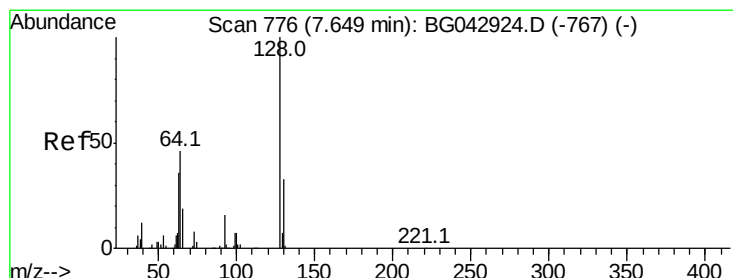
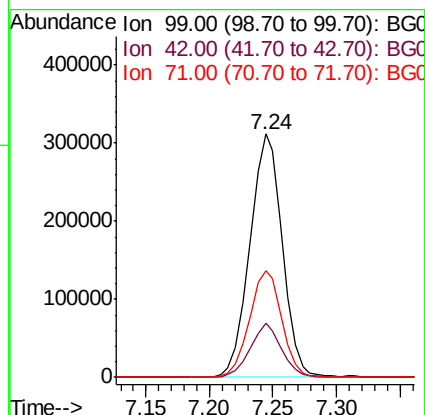
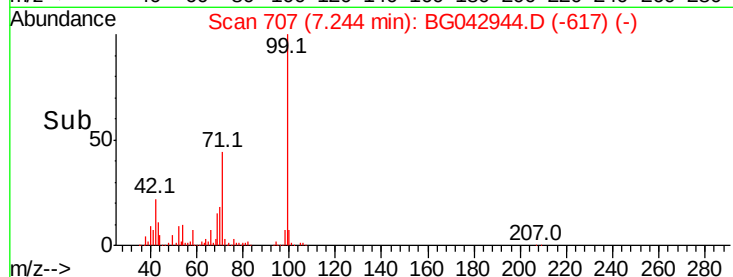
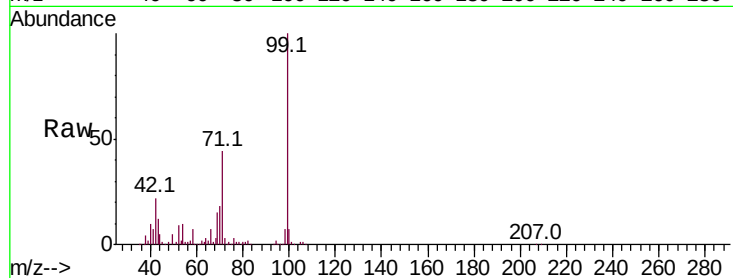
ClientSampleId :

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Tot Ion:	99	Resp:	552548
Ion Ratio	Lower	Upper	
99	100		
42	22.0	17.2	25.8
71	43.7	33.1	49.7

Manual Integrations
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#8

2-Chlorophenol

Concen: 39.060 ng

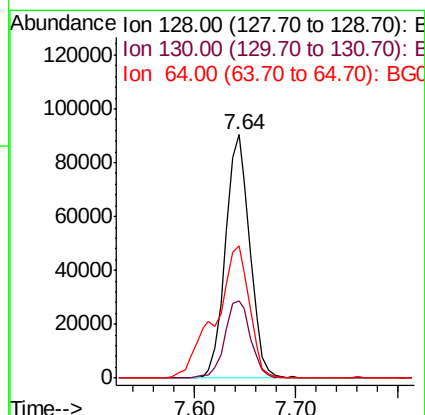
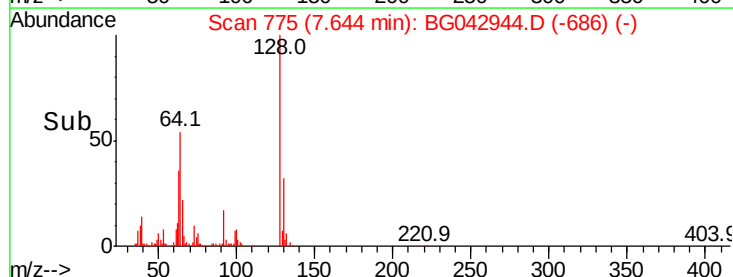
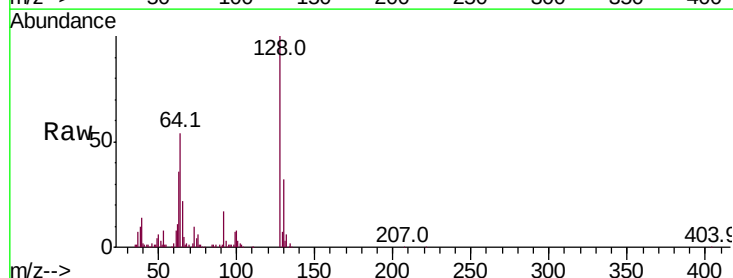
RT: 7.64 min Scan# 775

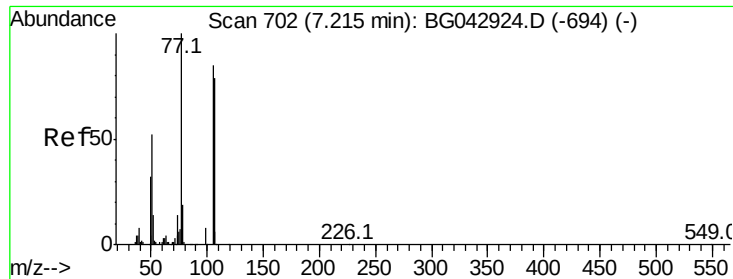
Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion:	128	Resp:	150134
Ion Ratio	Lower	Upper	
128	100		
130	31.6	12.5	52.5
64	54.3	32.8	72.8





#9

Benzaldehyde

Concen: 31.411 ng

RT: 7.21 min Scan# 701

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

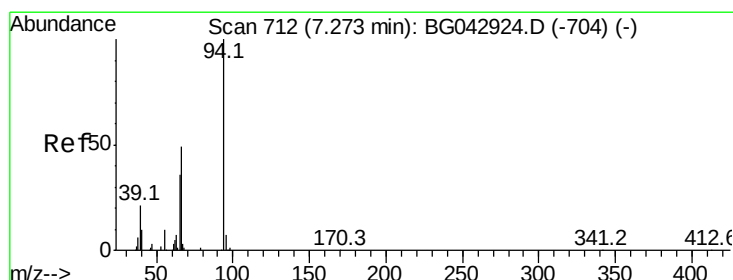
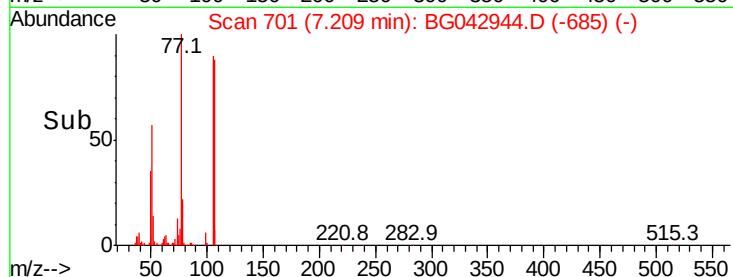
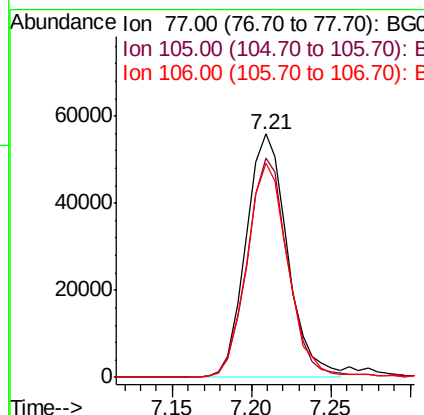
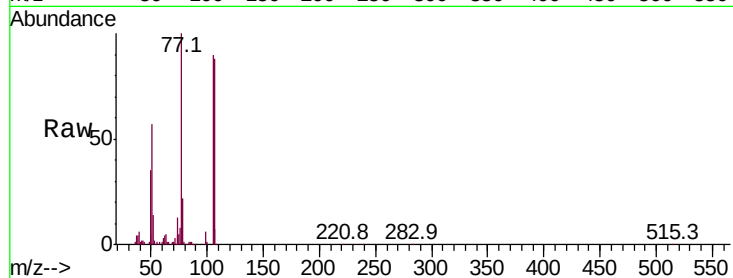
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Tot Ion	Ratio	Lower	Upper
77	100		
105	90.2	64.6	104.6
106	88.0	59.4	99.4

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#10

Phenol

Concen: 42.142 ng

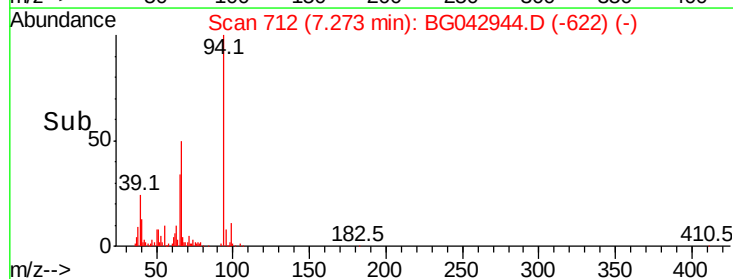
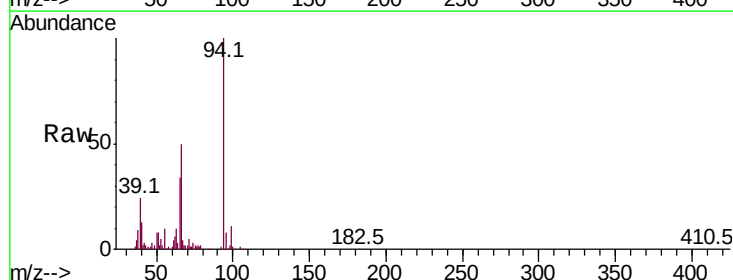
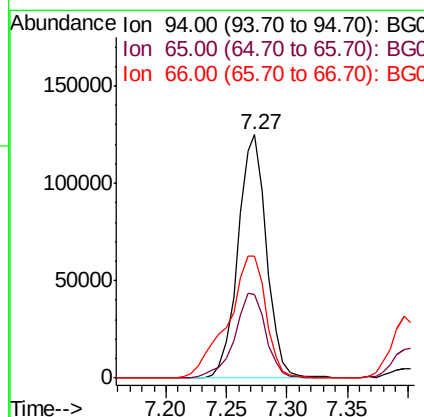
RT: 7.27 min Scan# 712

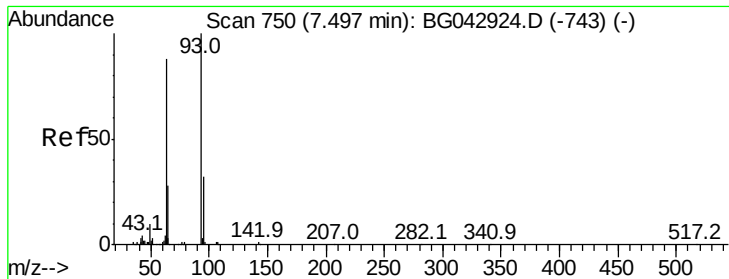
Delta R.T. -0.00 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
94	100		
65	34.3	16.6	56.6
66	50.3	32.4	72.4





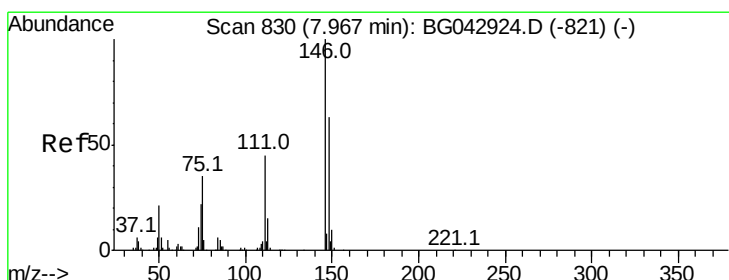
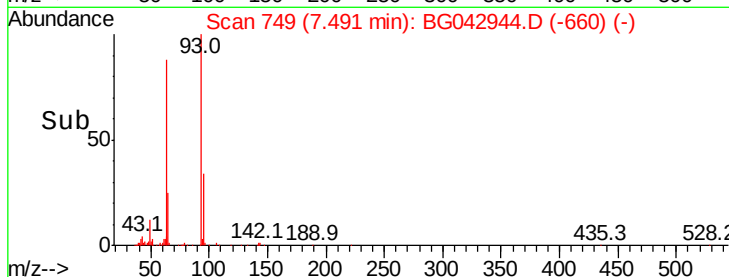
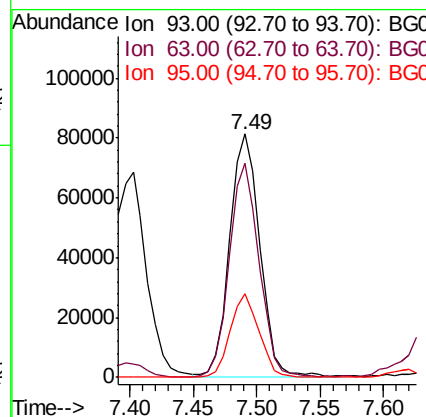
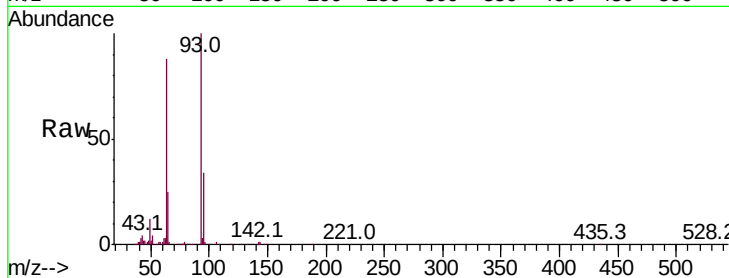
#11
bis(2-Chloroethyl)ether
Concen: 35.788 ng
RT: 7.49 min Scan# 749
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	88.1	67.4	107.4
95	34.2	11.9	51.9

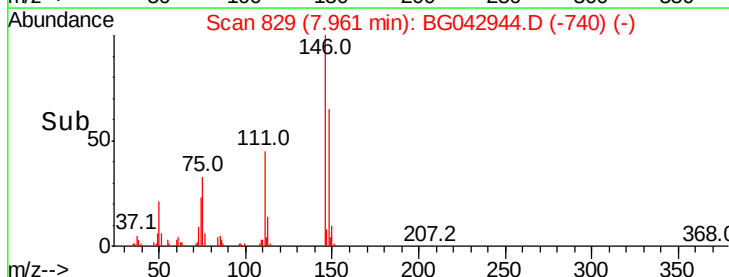
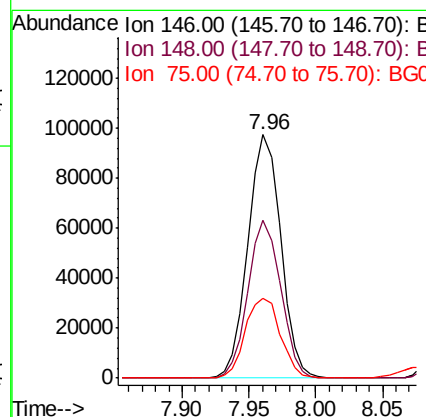
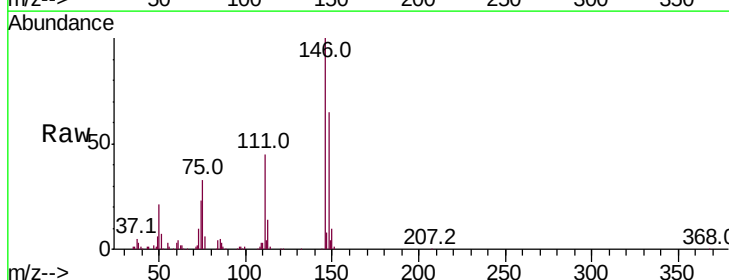
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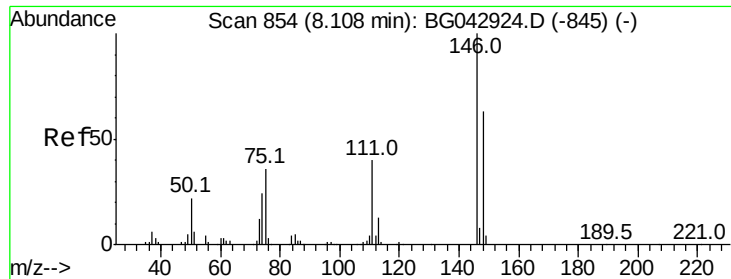
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#12
1,3-Dichlorobenzene
Concen: 33.895 ng
RT: 7.96 min Scan# 829
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.8	50.7	76.1
75	32.8	27.7	41.5





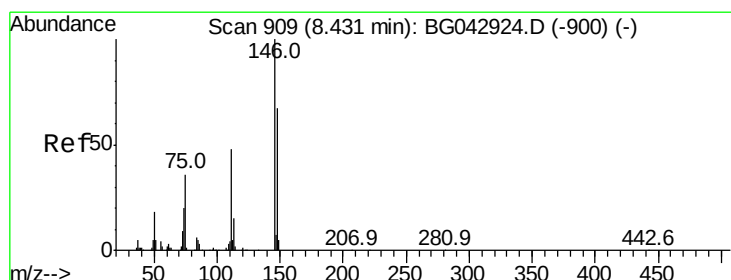
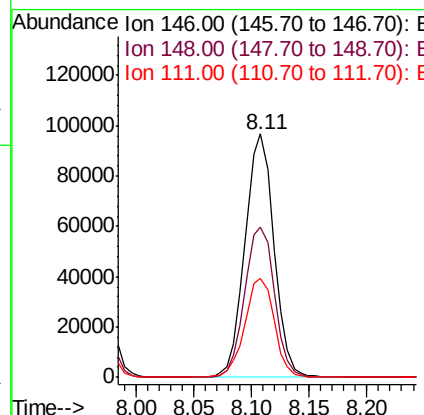
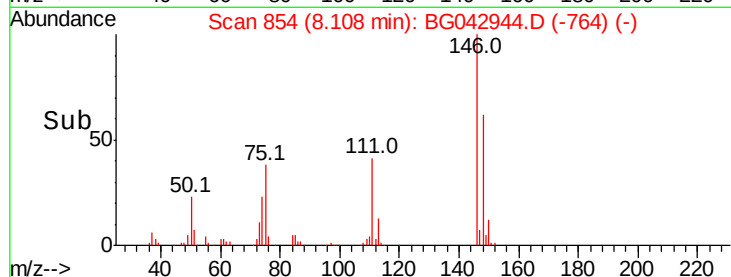
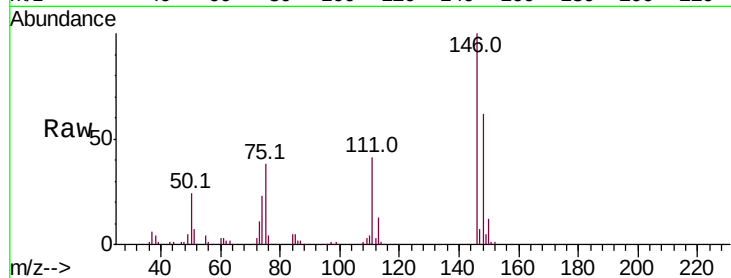
#13
 1,4-Dichlorobenzene
 Concen: 34.550 ng
 RT: 8.11 min Scan# 854
 Delta R.T. -0.00 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	61.8	50.9	76.3
111	40.9	31.8	47.8

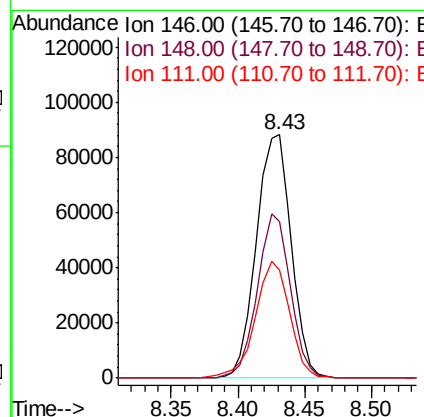
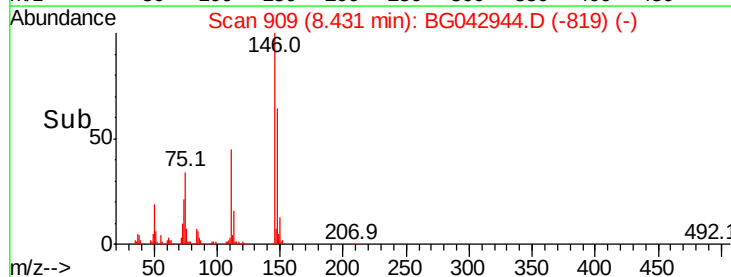
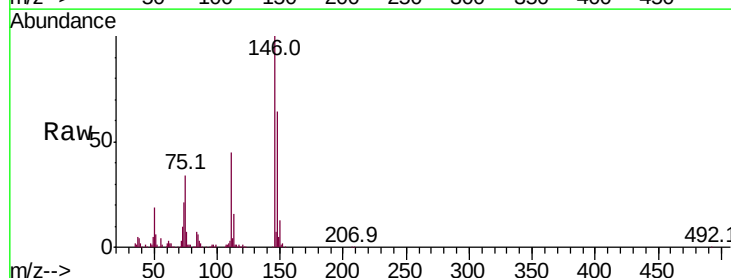
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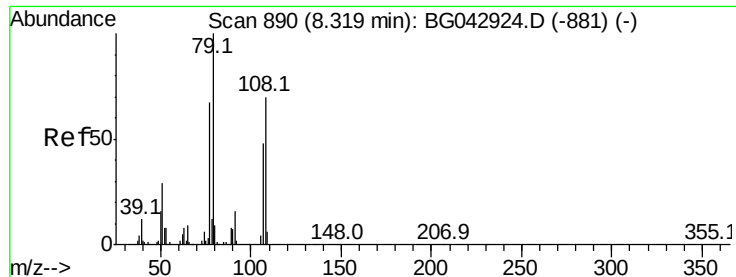
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#14
 1,2-Dichlorobenzene
 Concen: 34.194 ng
 RT: 8.43 min Scan# 909
 Delta R.T. -0.00 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.1	53.4	80.2
111	44.6	38.5	57.7





#15

Benzyl Alcohol

Concen: 35.937 ng

RT: 8.31 min Scan# 889

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

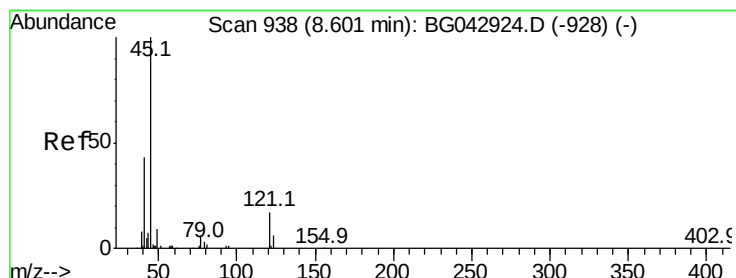
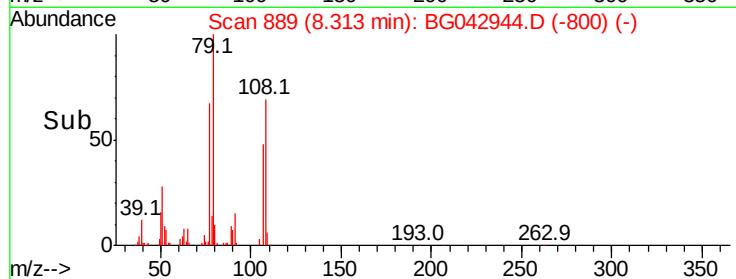
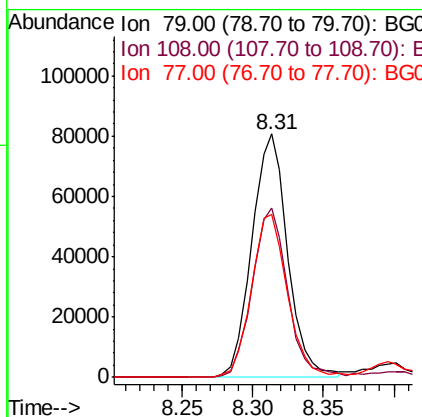
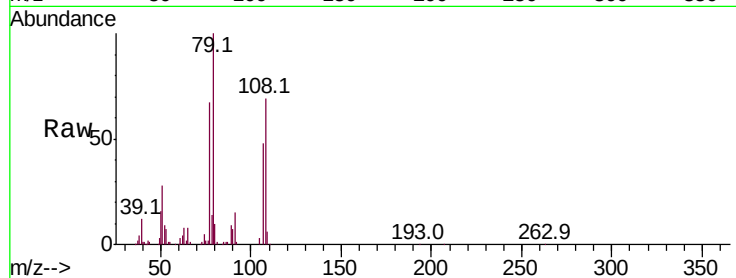
ClientSampleId :

20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	69.4	55.7	83.5
77	66.8	53.3	79.9

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 32.174 ng

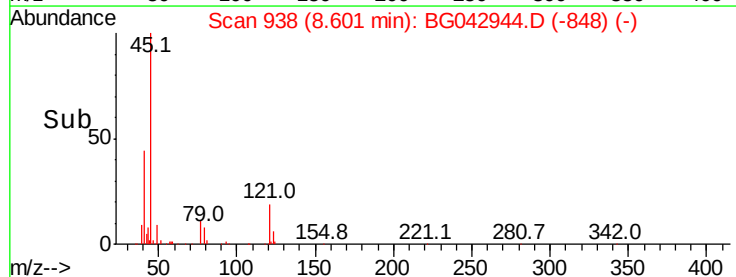
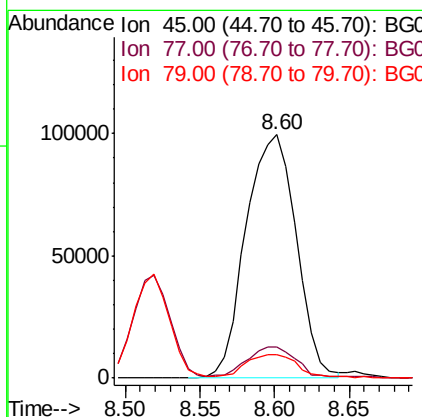
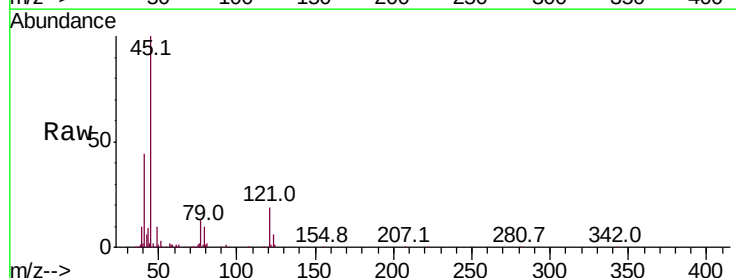
RT: 8.60 min Scan# 938

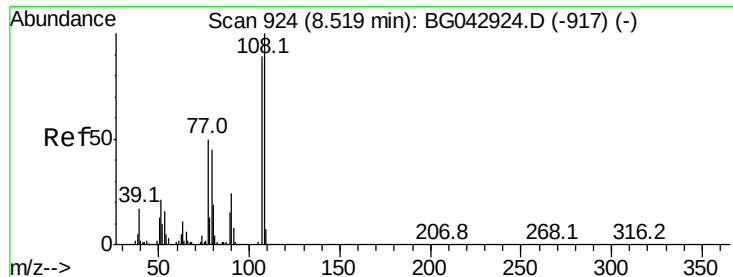
Delta R.T. -0.00 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
45	100		
77	13.0	0.0	32.8
79	9.6	0.0	29.4





#17

2-Methylphenol

Concen: 37.517 ng

RT: 8.52 min Scan# 924

Delta R.T. -0.00 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

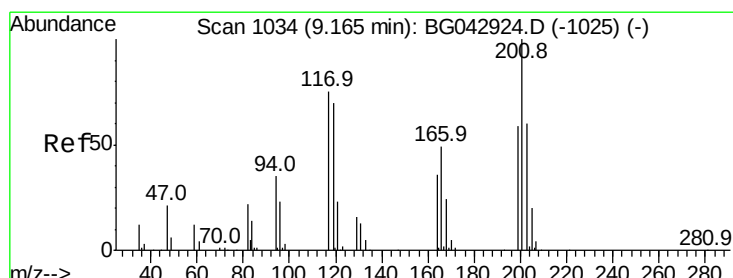
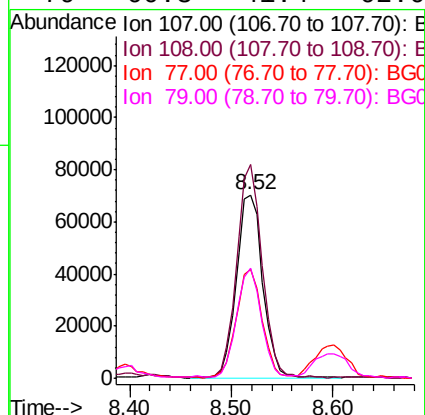
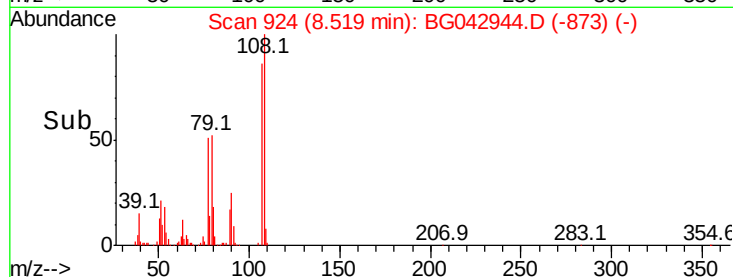
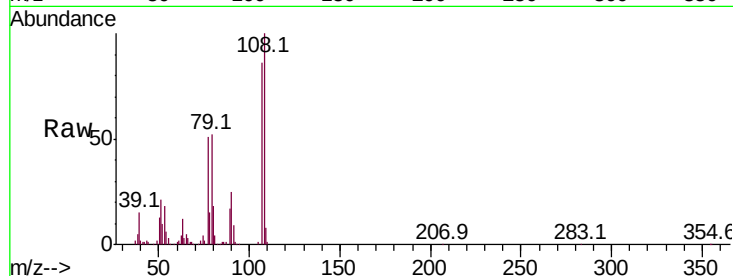
ClientSampleId :

20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	116.5	89.9	134.9	
77	59.4	45.4	68.2	
79	60.3	41.4	62.0	

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#18

Hexachloroethane

Concen: 33.867 ng

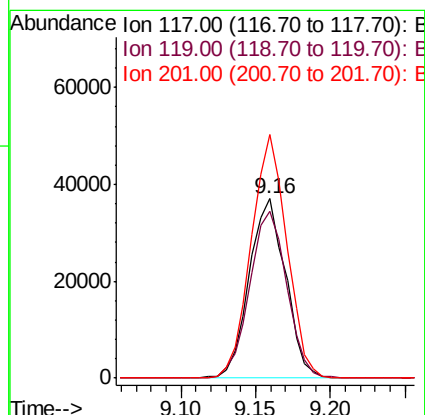
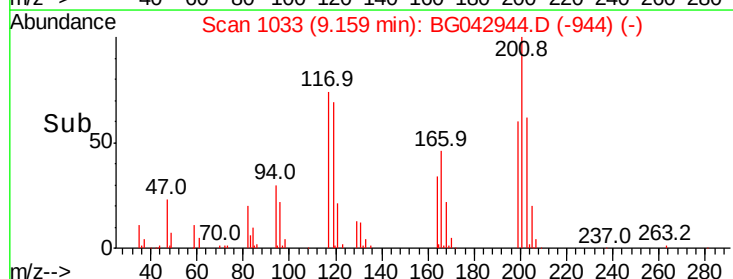
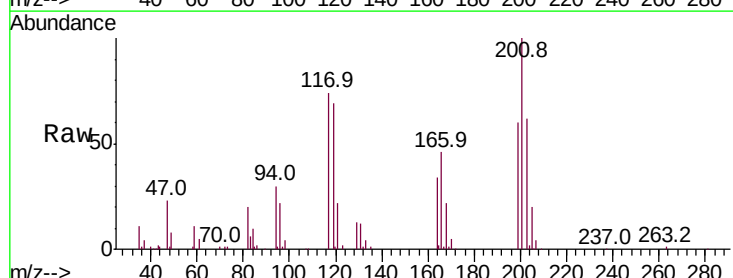
RT: 9.16 min Scan# 1033

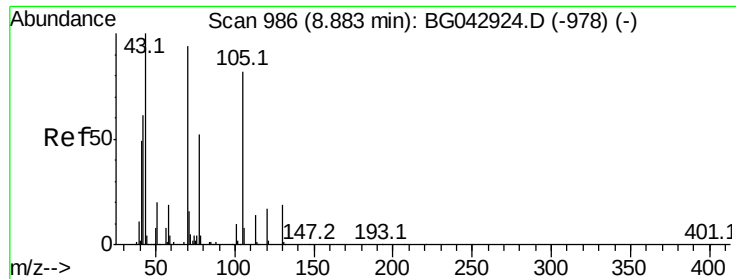
Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	93.2	74.6	111.8	
201	135.9	106.0	159.0	





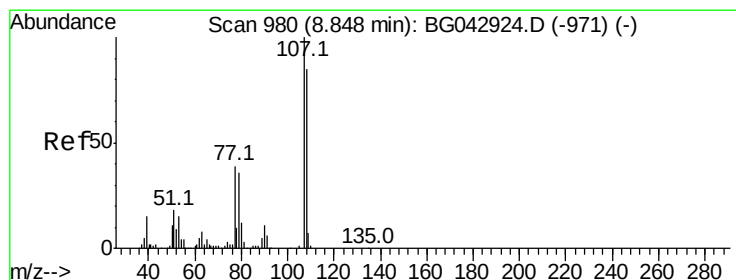
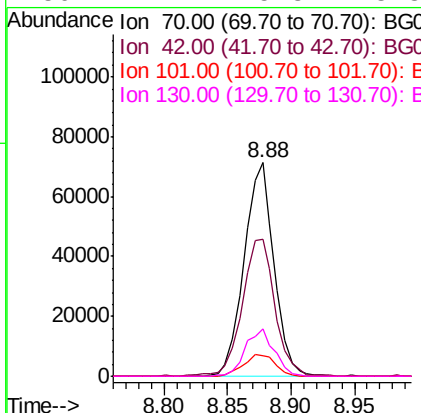
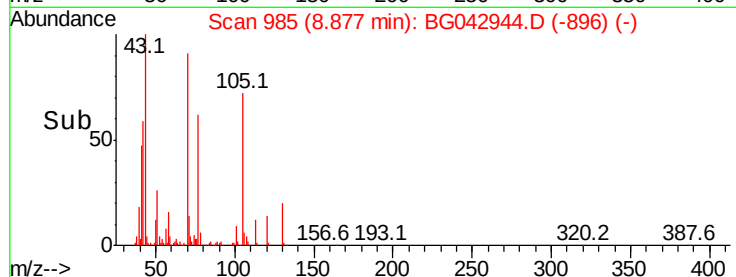
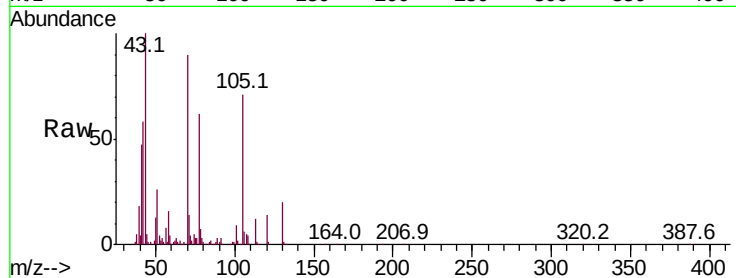
#19
n-Nitroso-di-n-propylamine
Concen: 33.373 ng
RT: 8.88 min Scan# 985
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
70	100		116310		
42	64.1	52.6	79.0		
101	9.6	8.7	13.1		
130	22.1	15.8	23.8		

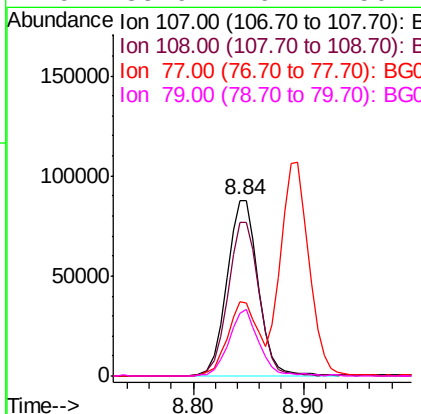
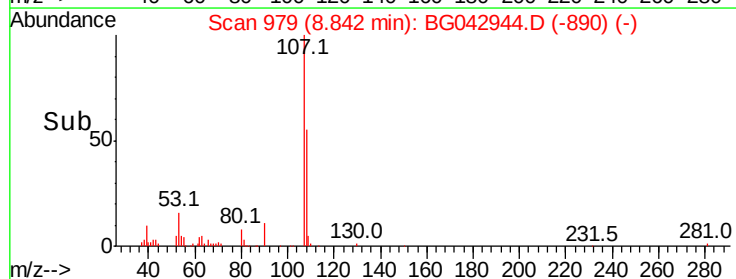
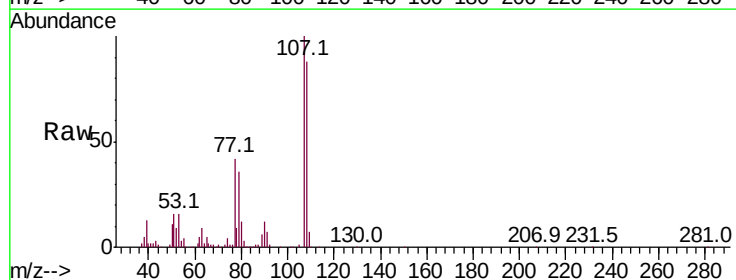
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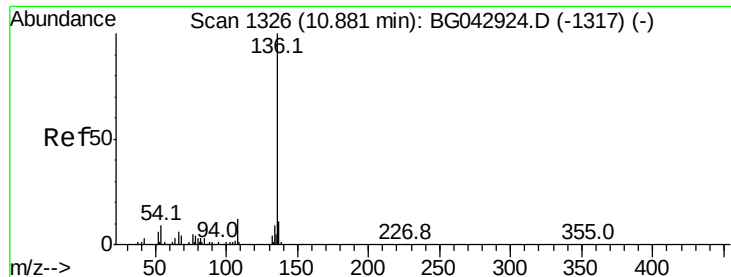
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#20
3+4-Methylphenols
Concen: 37.339 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
107	100		174351		
108	87.6	64.9	104.9		
77	42.0	19.4	59.4		
79	35.6	16.2	56.2		





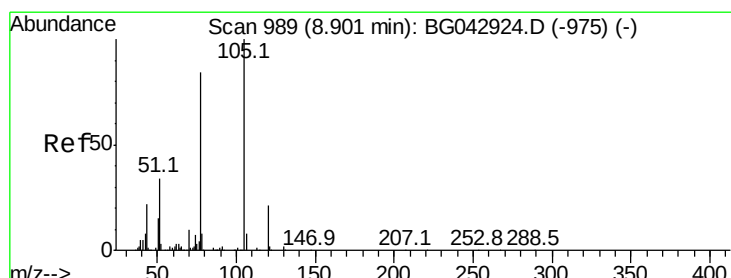
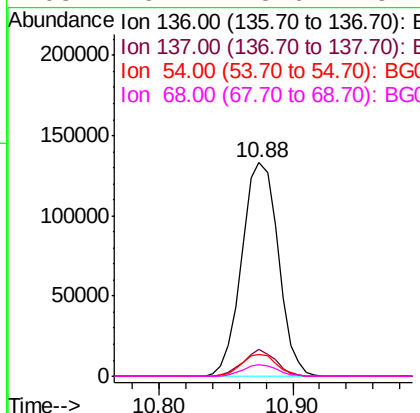
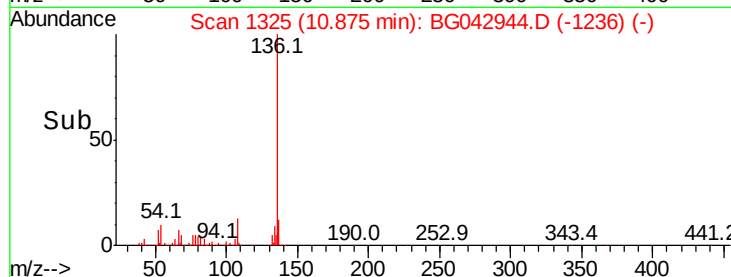
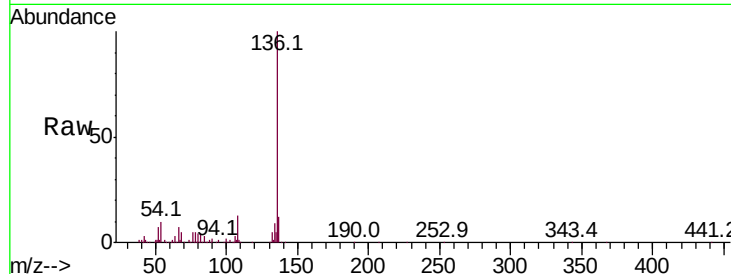
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.88 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100			
137	12.4	8.5	12.7	
54	10.3	7.4	11.2	
68	5.2	3.6	5.4	

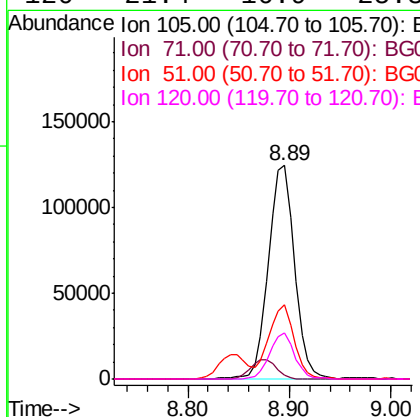
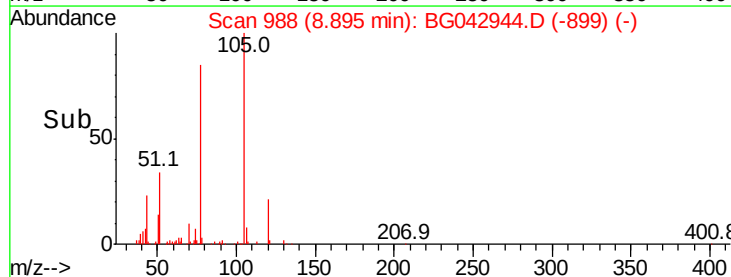
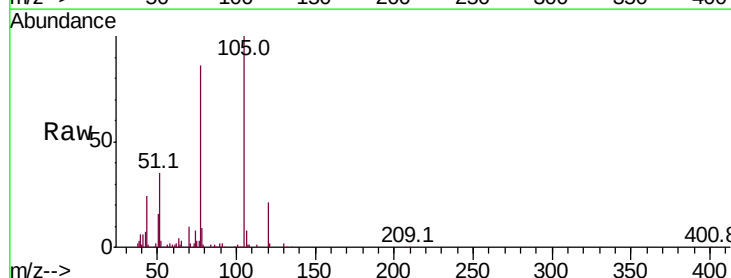
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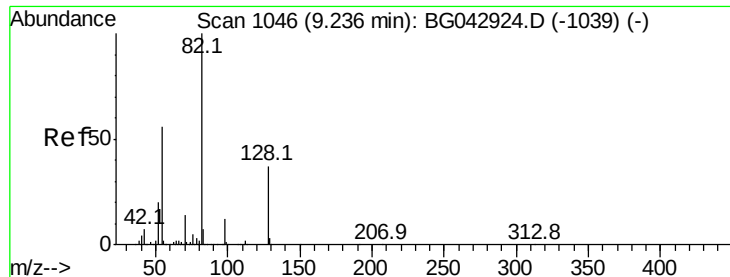
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#22
Acetophenone
Concen: 34.639 ng
RT: 8.89 min Scan# 988
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
105	100			
71	1.6	1.2	1.8	
51	34.7	27.2	40.8	
120	21.4	16.9	25.3	





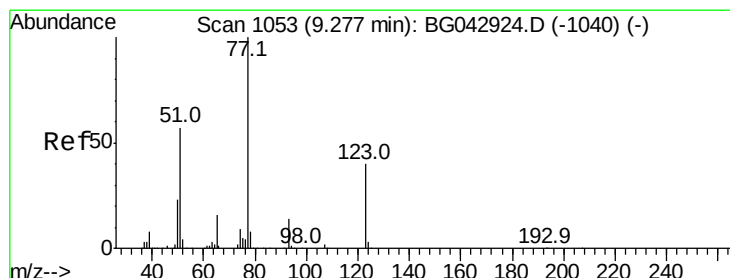
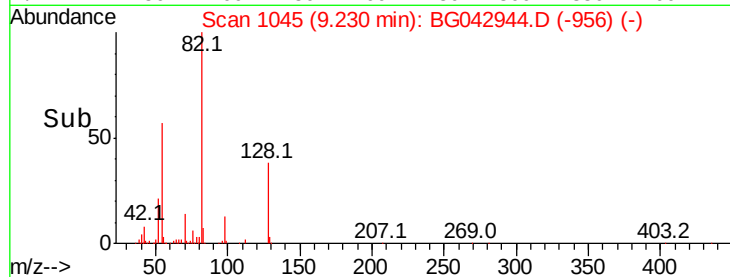
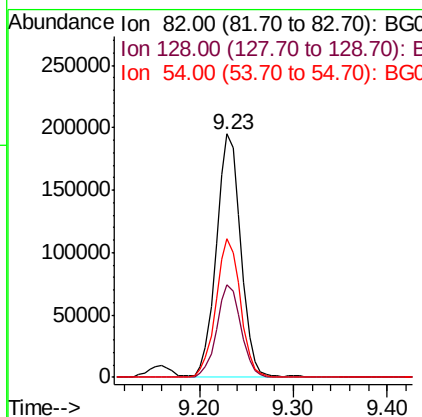
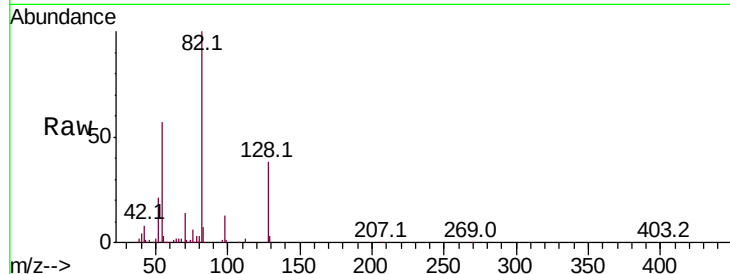
#23
 Nitrobenzene-d5
 Concen: 68.487 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
128	37.9	29.5	44.3	
54	57.0	44.6	67.0	

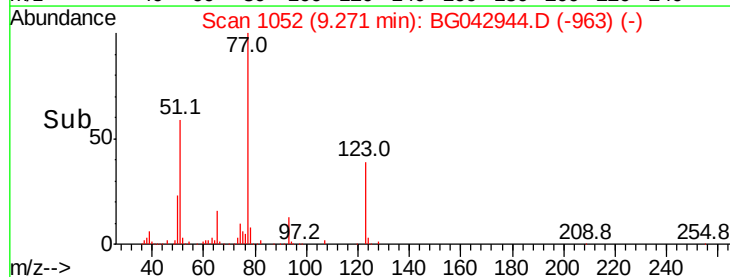
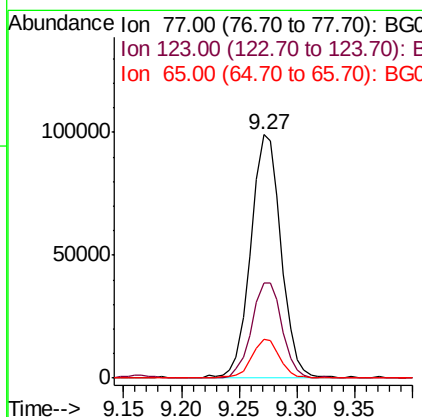
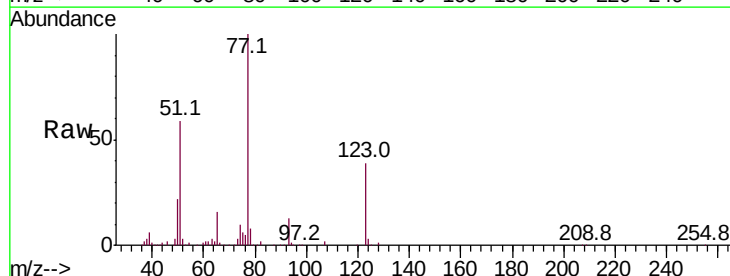
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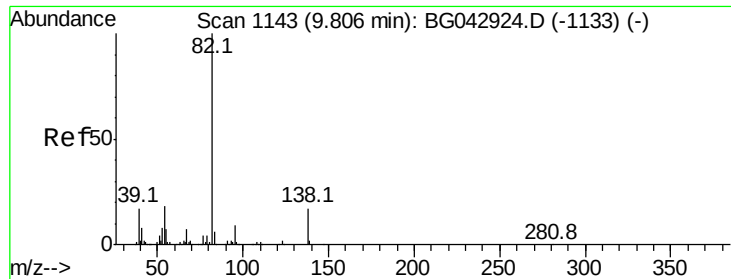
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#24
 Nitrobenzene
 Concen: 37.015 ng
 RT: 9.27 min Scan# 1052
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
77	100			
123	39.0	31.9	47.9	
65	16.1	12.4	18.6	





#25

Isophorone

Concen: 36.664 ng

RT: 9.80 min Scan# 1142

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

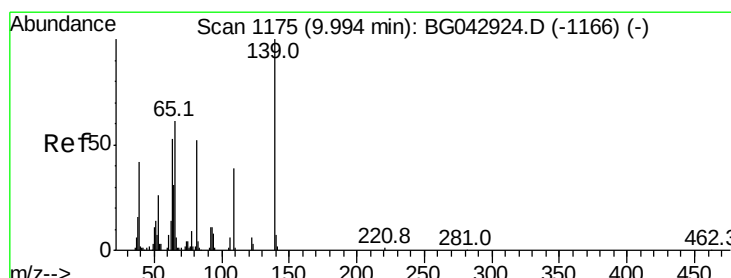
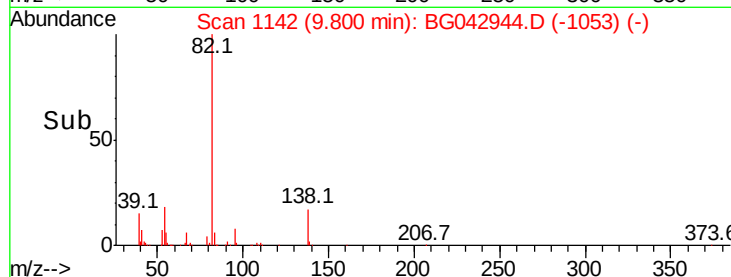
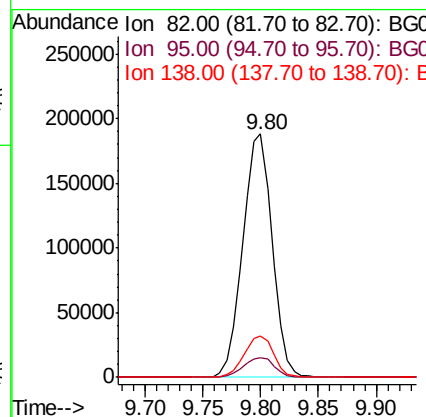
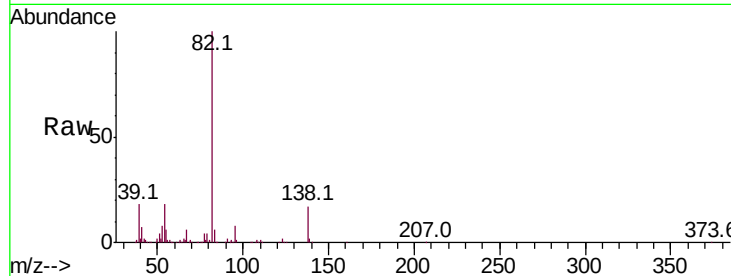
ClientSampleId :

20190708-RR-COMPOSITE-8MSD

Tot Ion:	82	Resp:	332280
Ion Ratio	Lower	Upper	
82	100		
95	8.0	7.0	10.4
138	17.2	13.8	20.6

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#26

2-Nitrophenol

Concen: 39.942 ng

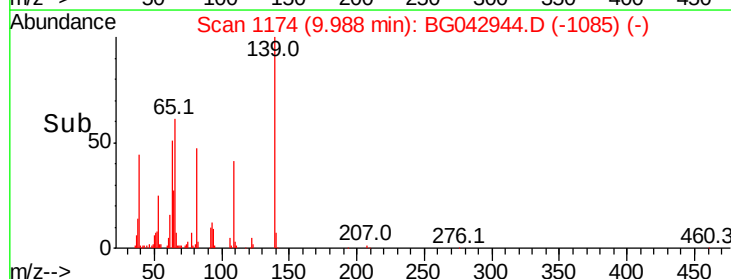
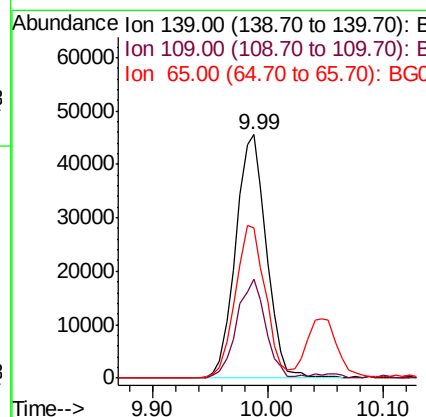
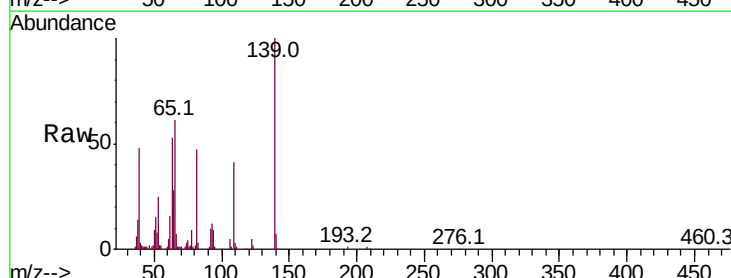
RT: 9.99 min Scan# 1174

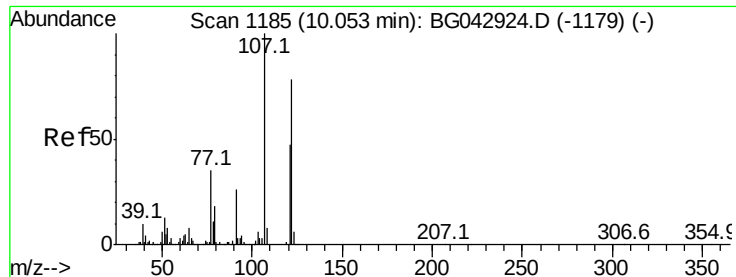
Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion:	139	Resp:	83679
Ion Ratio	Lower	Upper	
139	100		
109	40.7	31.0	46.6
65	61.4	48.4	72.6





#27

2,4-Dimethylphenol

Concen: 43.879 ng

RT: 10.05 min Scan# 1184

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

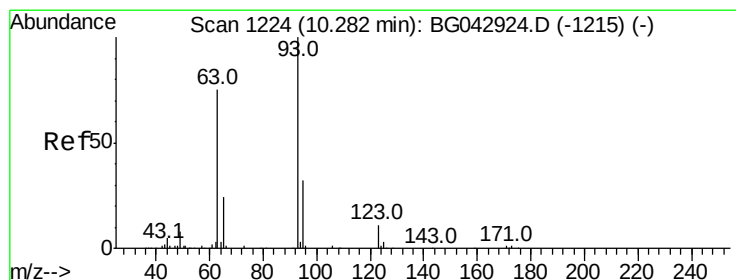
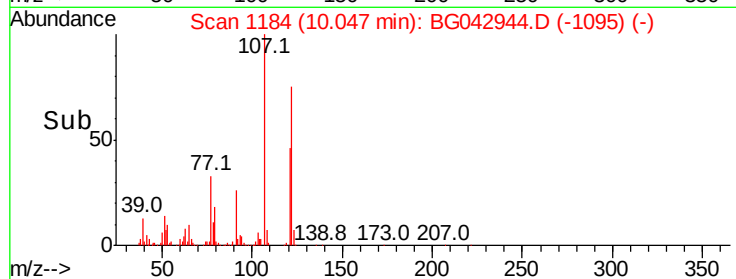
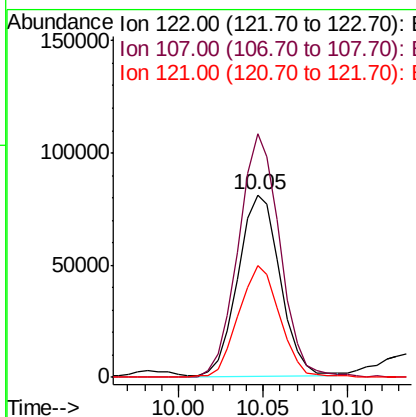
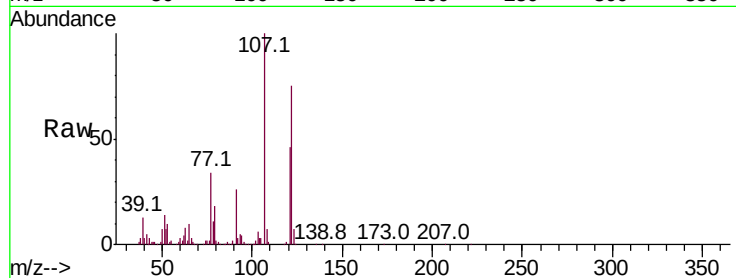
ClientSampleId :

20190708-RR-COMPOSITE-8MSD

Tot Ion:	122	Resp:	141177
Ion Ratio	Lower	Upper	
122	100		
107	133.4	102.2	153.2
121	61.2	48.5	72.7

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#28

bis(2-Chloroethoxy)methane

Concen: 34.841 ng

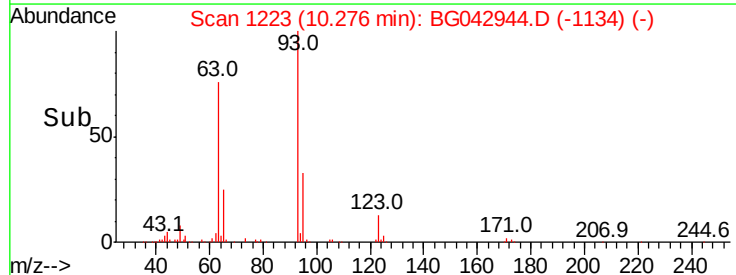
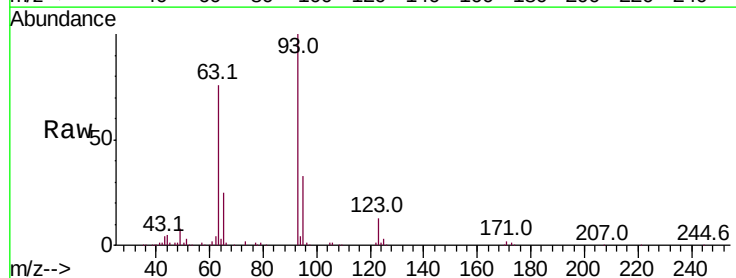
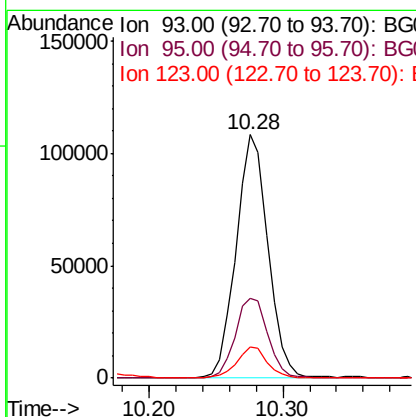
RT: 10.28 min Scan# 1223

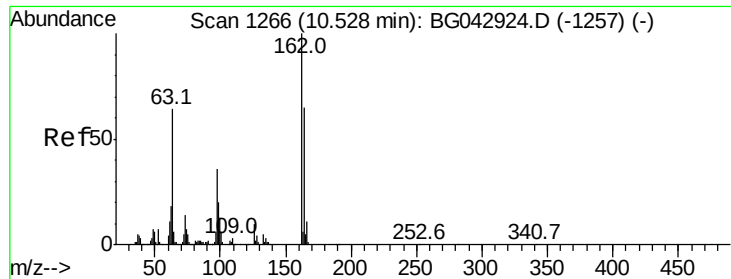
Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion:	93	Resp:	179153
Ion Ratio	Lower	Upper	
93	100		
95	32.9	25.4	38.0
123	12.7	9.3	13.9





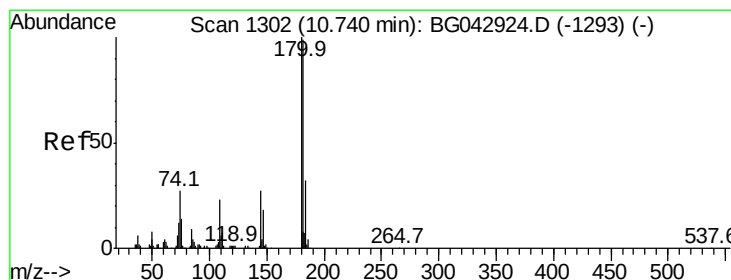
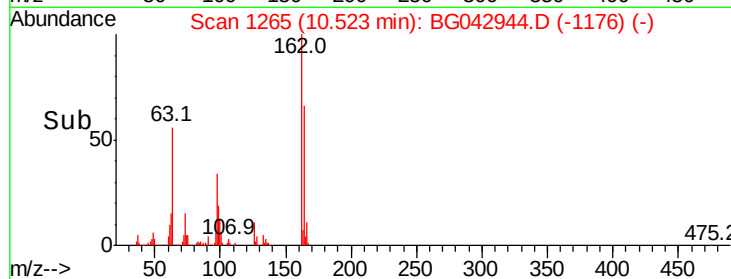
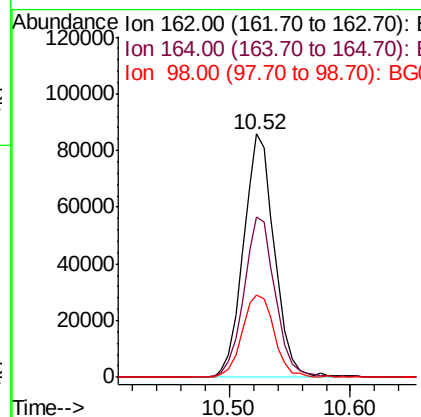
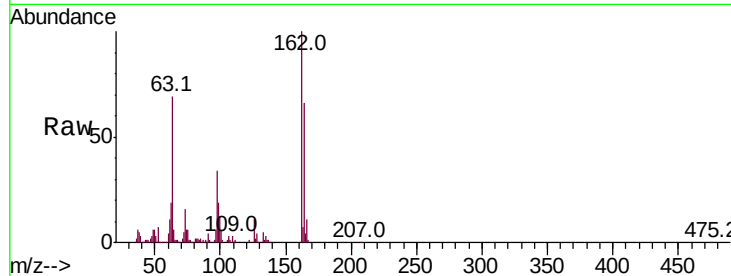
#29
 2,4-Dichlorophenol
 Concen: 38.248 ng
 RT: 10.52 min Scan# 1265
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	153045		
164	66.0	44.7	84.7	
98	33.7	16.0	56.0	

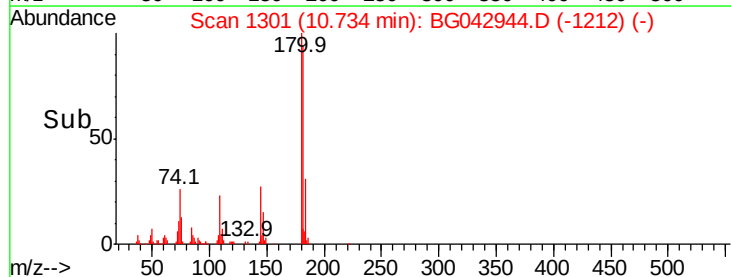
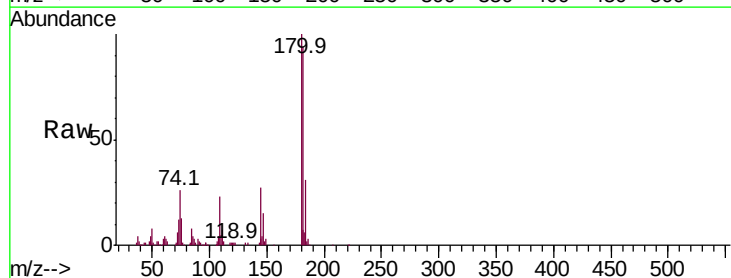
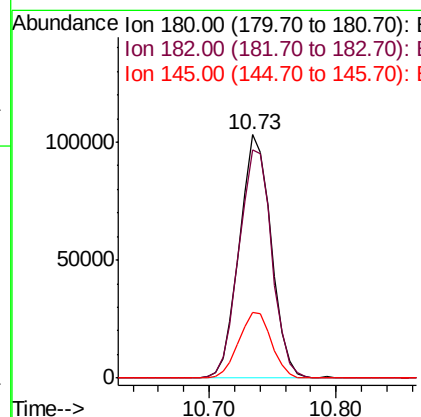
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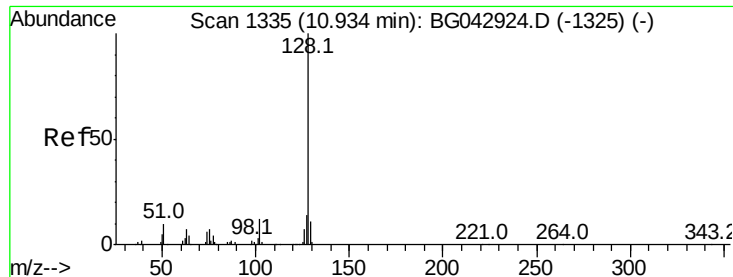
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#30
 1,2,4-Trichlorobenzene
 Concen: 34.697 ng
 RT: 10.73 min Scan# 1301
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
180	100	179290		
182	94.0	79.3	118.9	
145	26.8	22.0	33.0	





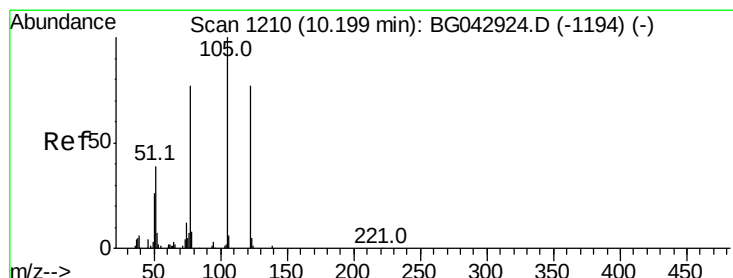
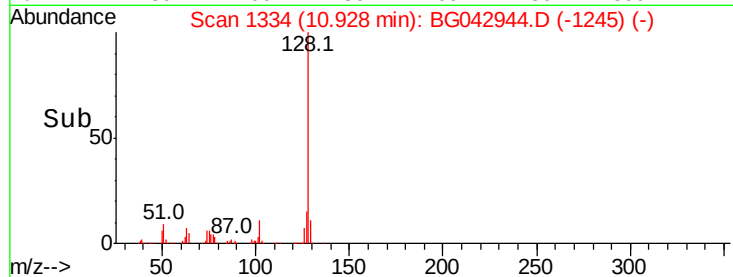
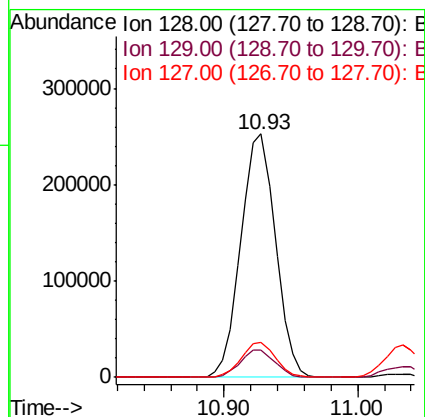
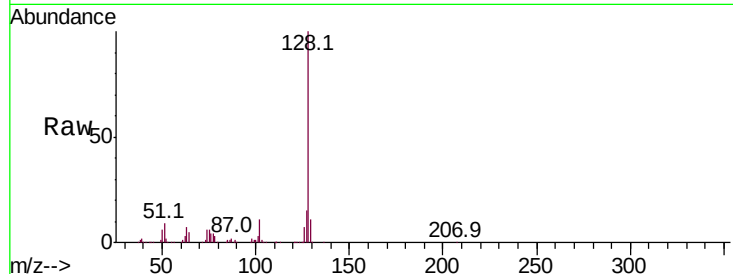
#31
Naphthalene
Concen: 36.848 ng
RT: 10.93 min Scan# 1334
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MSD

Tot Ion:	128	Resp:	454881
Ion Ratio	Lower	Upper	
128	100		
129	11.2	8.8	13.2
127	14.5	11.3	16.9

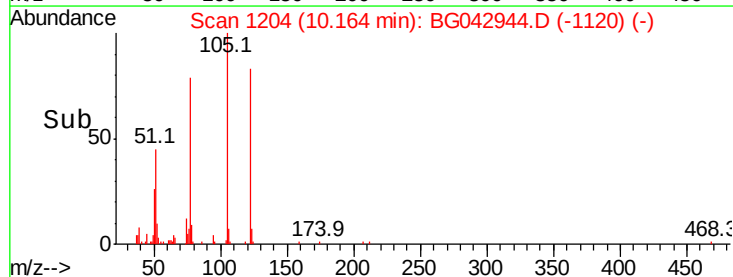
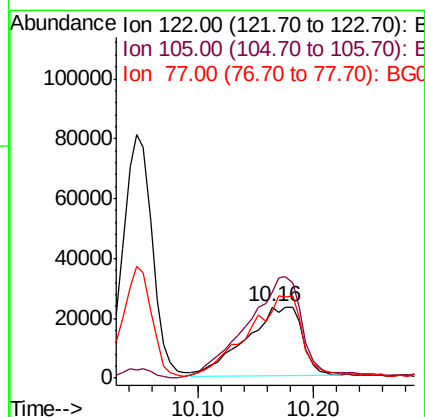
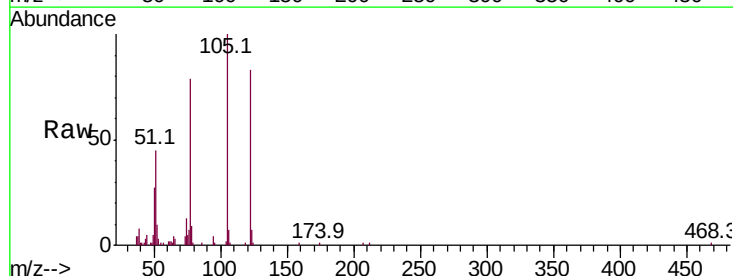
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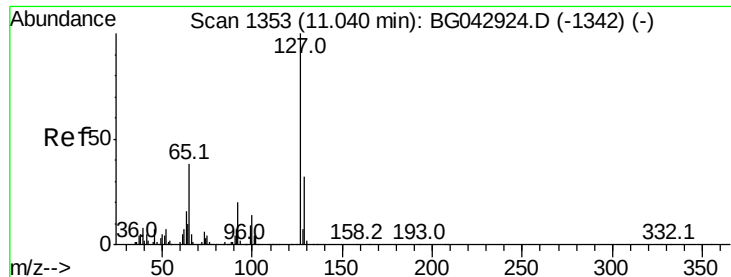
mohammad
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#32
Benzoic acid
Concen: 33.684 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.03 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion:	122	Resp:	78490
Ion Ratio	Lower	Upper	
122	100		
105	120.5	107.5	147.5
77	94.9	79.8	119.8





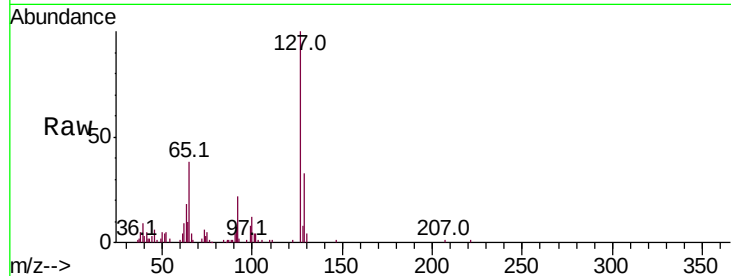
#33
4-Chloroaniline
Concen: 12.380 ng
RT: 11.03 min Scan# 1352
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.8	26.2	39.2
65	37.7	30.6	45.8
92	21.8	16.2	24.4

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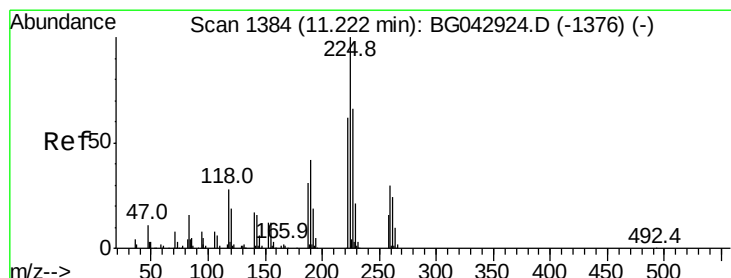
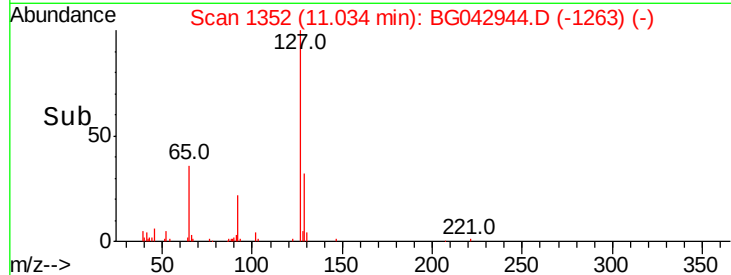
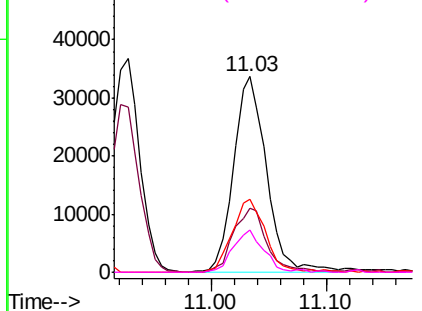
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 34.828 ng
RT: 11.22 min Scan# 1383
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

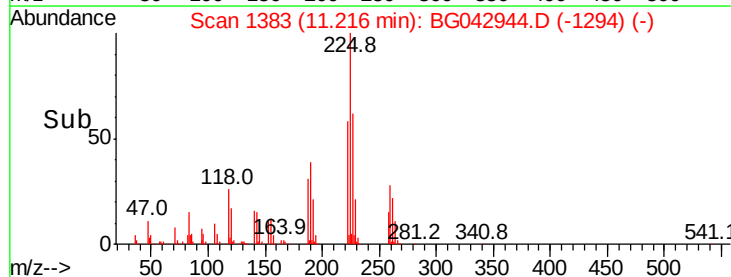
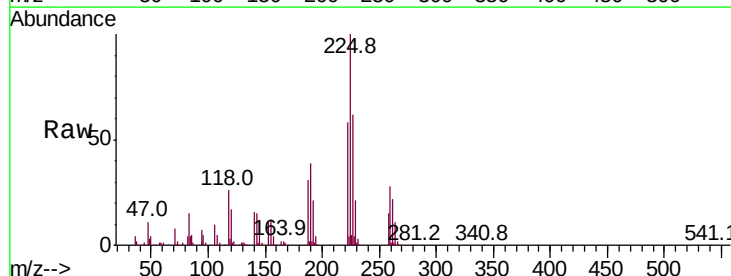
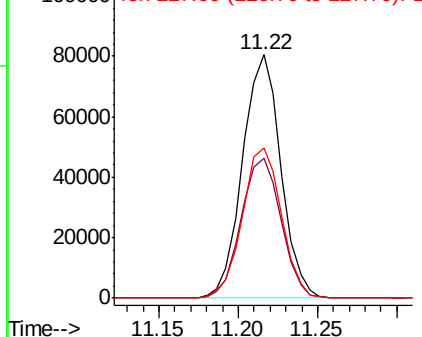
Tgt Ion	Ratio	Lower	Upper
225	100		
223	57.7	49.3	73.9
227	61.8	52.8	79.2

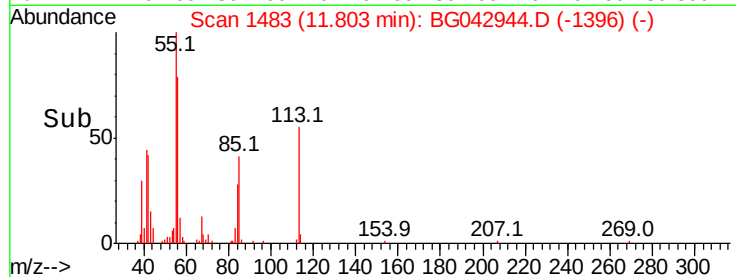
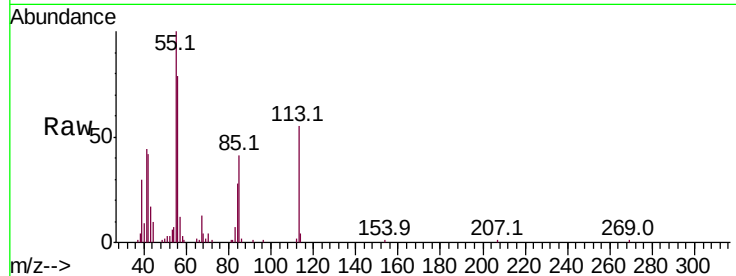
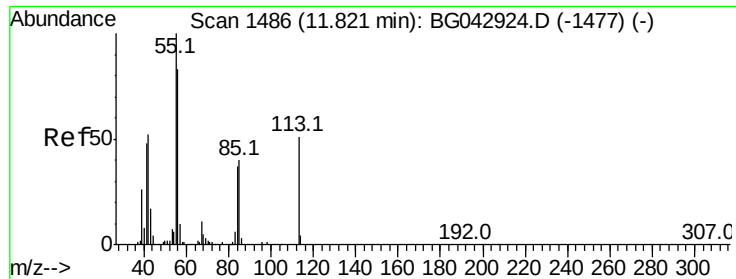
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





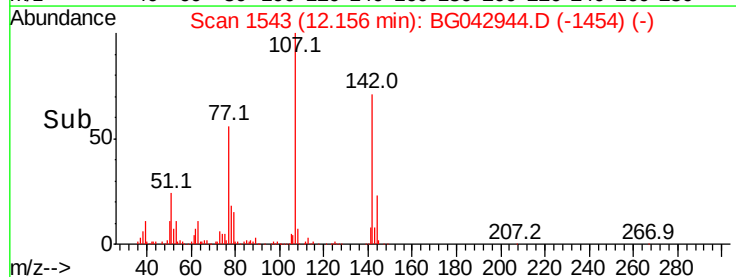
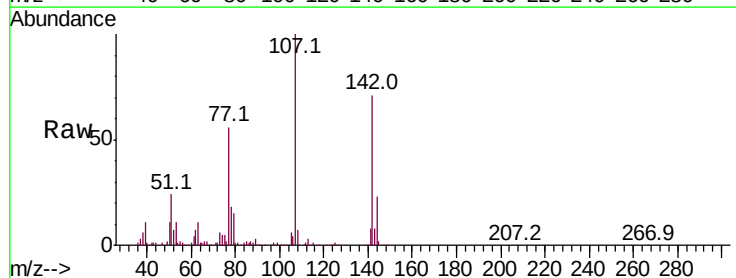
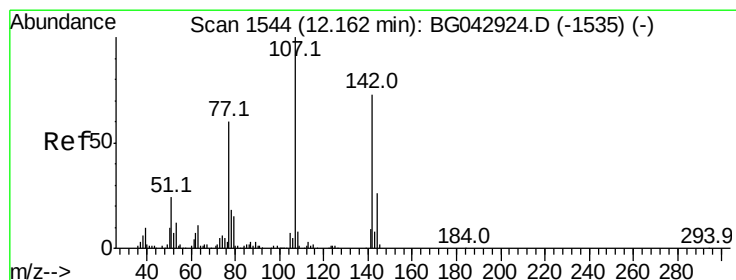
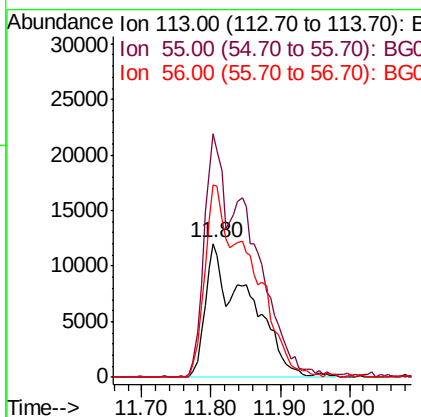
#35
 Caprolactam
 Concen: 36.912 ng/ml
 RT: 11.80 min Scan# 1483
 Delta R.T. -0.02 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	182.3	175.5	215.5
56	144.0	142.3	182.3

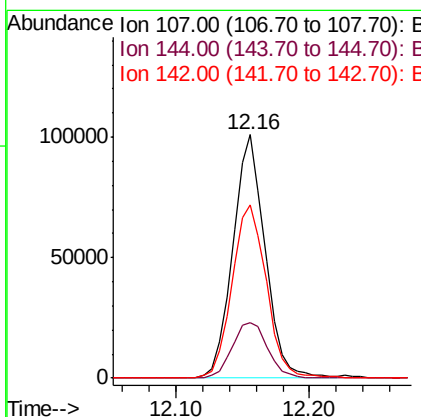
Manual Integrations
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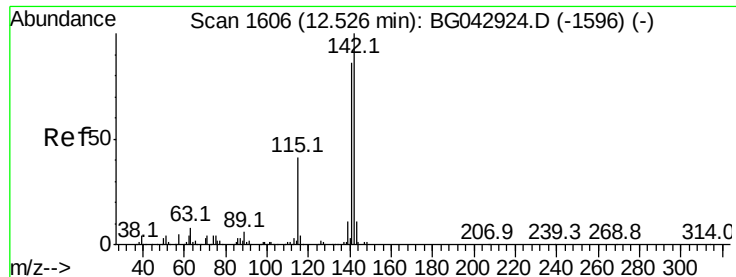
mohammad
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#36
 4-Chloro-3-methylphenol
 Concen: 38.787 ng/ml
 RT: 12.16 min Scan# 1543
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
107	100		
144	22.9	20.7	31.1
142	71.4	58.6	87.8





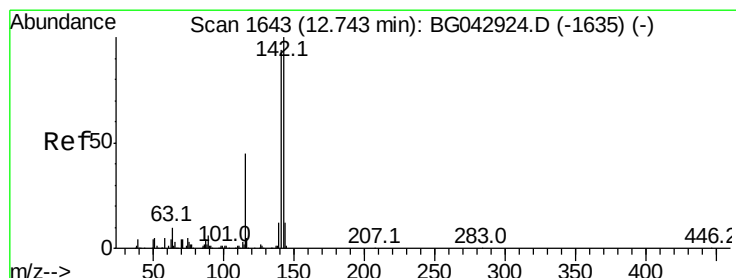
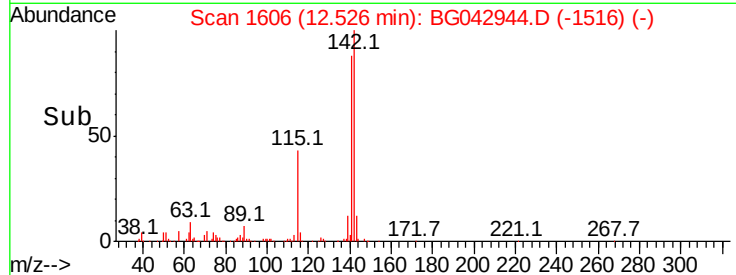
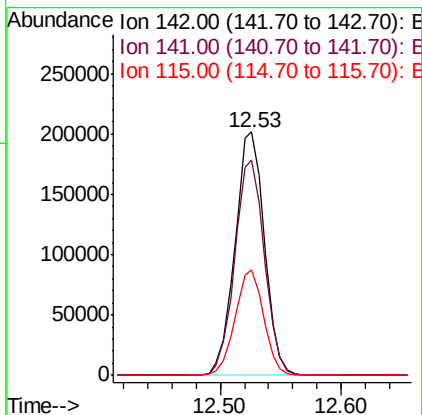
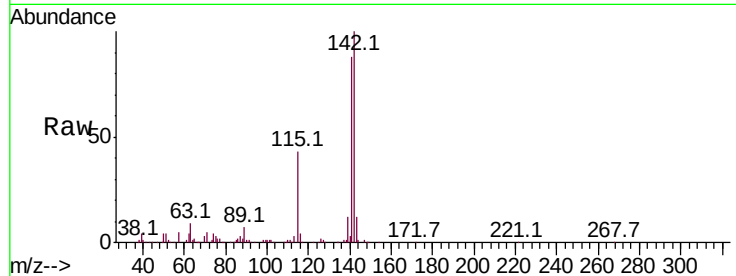
#37
2-Methylnaphthalene
Concen: 36.458 ng
RT: 12.53 min Scan# 1606
Delta R.T. -0.00 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MSD

Tot Ion:	142	Resp:	343349
Ion Ratio	Lower	Upper	
142	100		
141	88.3	69.0	103.4
115	43.2	32.8	49.2

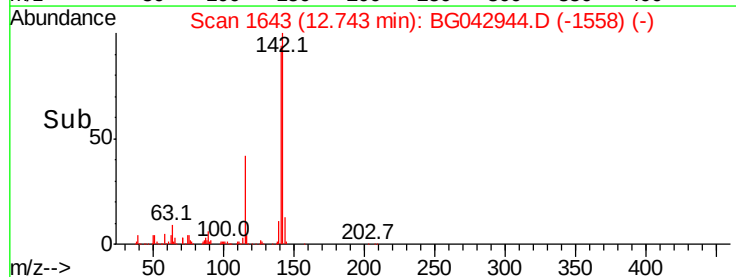
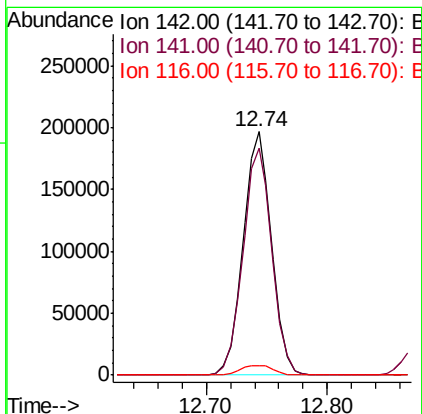
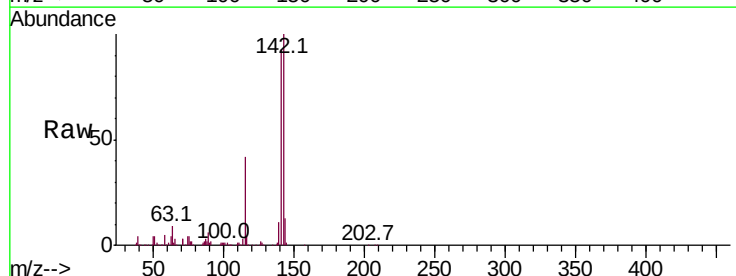
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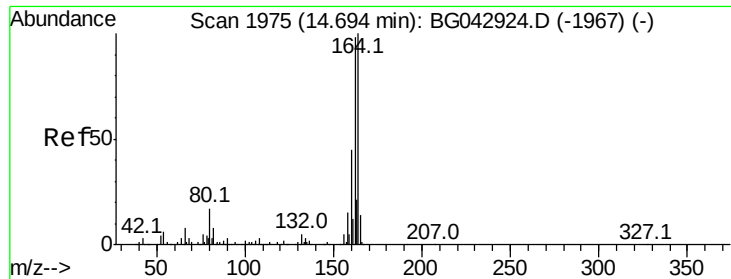
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#38
1-Methylnaphthalene
Concen: 35.896 ng
RT: 12.74 min Scan# 1643
Delta R.T. -0.00 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion:	142	Resp:	319880
Ion Ratio	Lower	Upper	
142	100		
141	93.4	74.9	112.3
116	3.9	3.7	5.5





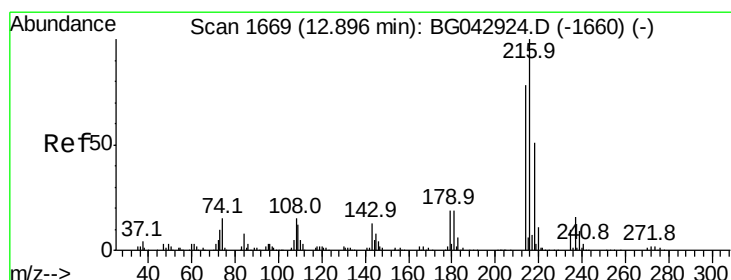
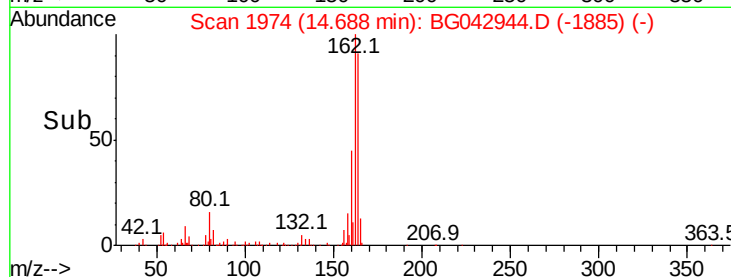
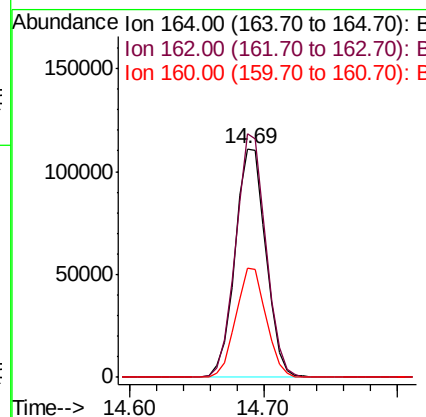
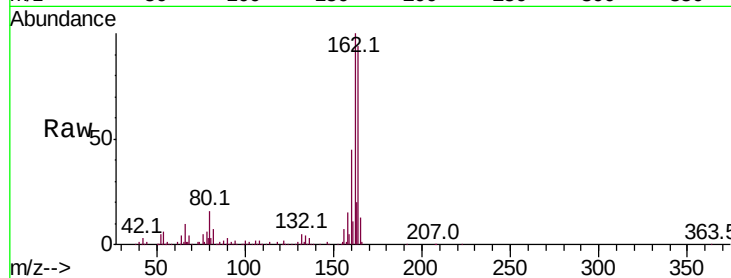
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.69 min Scan# 1974
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	106.4	78.5	117.7
160	47.8	35.9	53.9

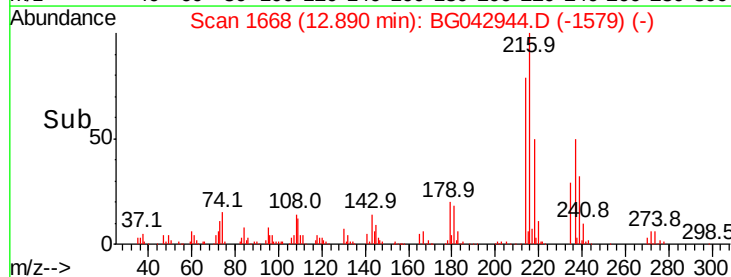
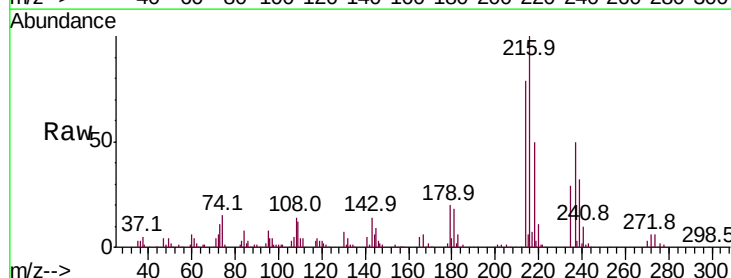
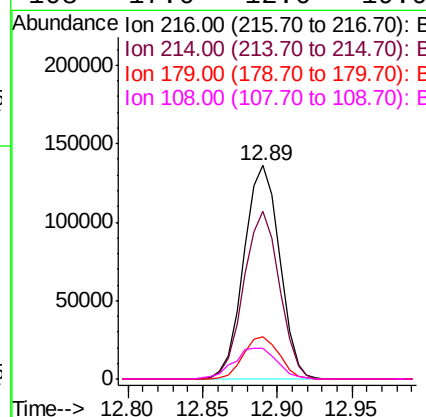
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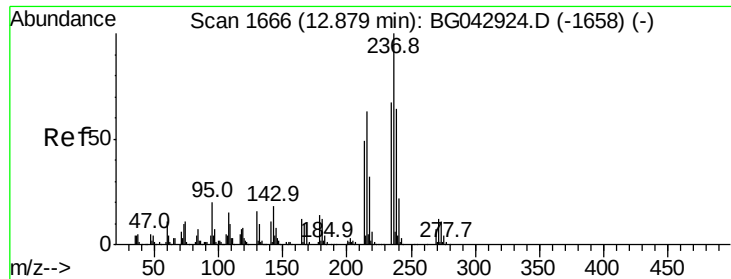
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 33.753 ng
RT: 12.89 min Scan# 1668
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	62.4	93.6
179	20.1	15.4	23.2
108	17.6	12.6	19.0





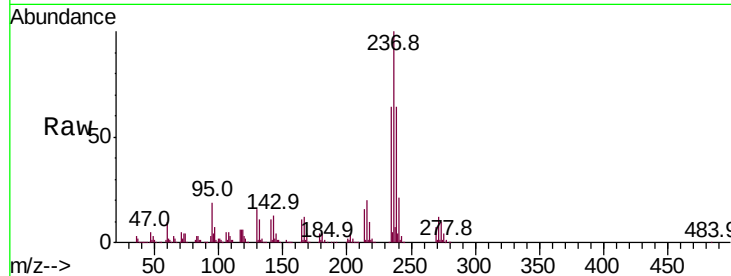
#41
Hexachlorocyclopentadiene
Concen: 81.445 ng
RT: 12.87 min Scan# 1665
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Resp Lower	Upper
237	100		
235	64.3	46.7	86.7
272	12.3	0.0	32.3

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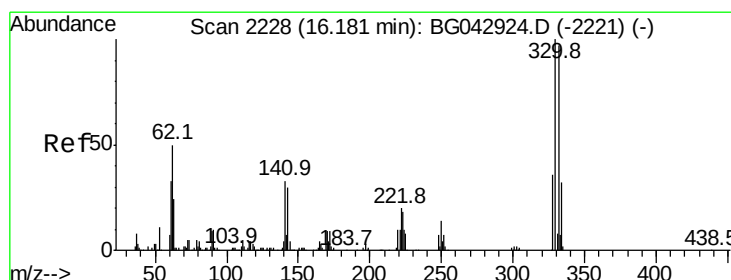
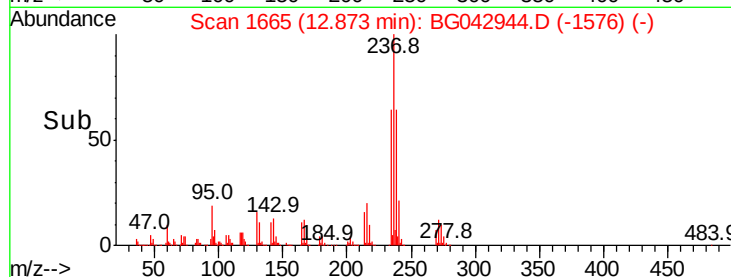
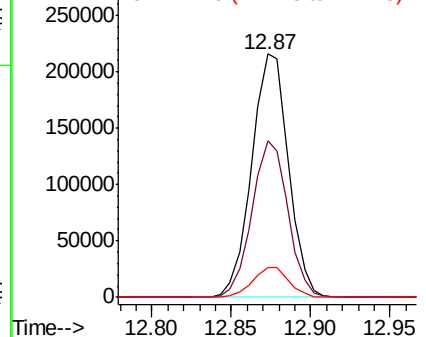


Abundance

Ion 236.80 (236.50 to 237.50): E

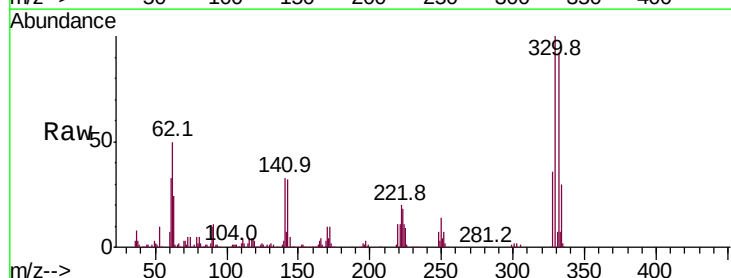
Ion 234.90 (234.60 to 235.60): E

Ion 271.75 (271.45 to 272.45): E



#42
2,4,6-Tribromophenol
Concen: 99.117 ng
RT: 16.17 min Scan# 2227
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Resp Lower	Upper
330	100		
332	96.2	78.2	117.2
141	32.0	26.0	39.0

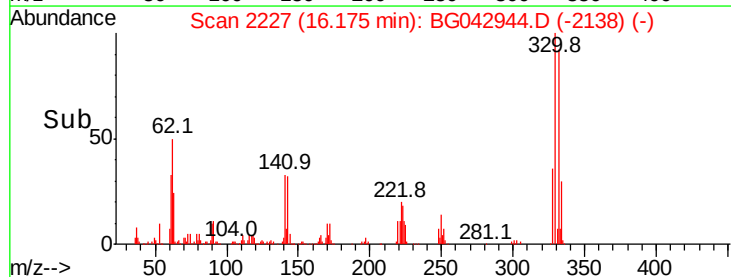
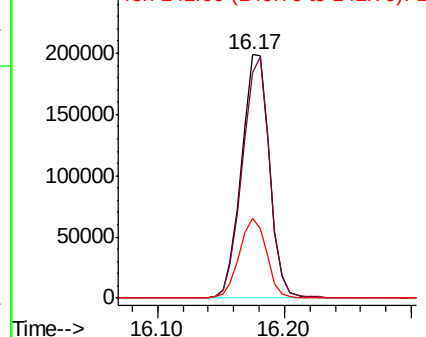


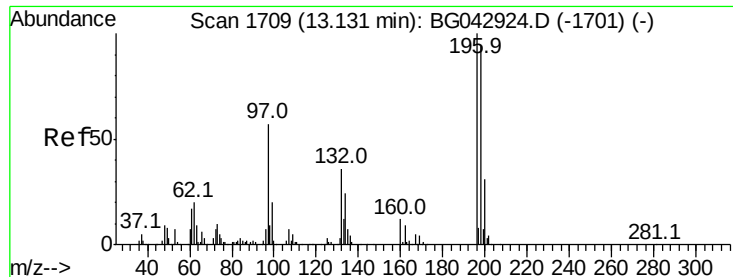
Abundance

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





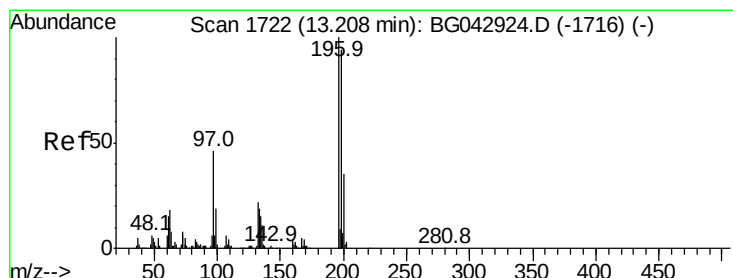
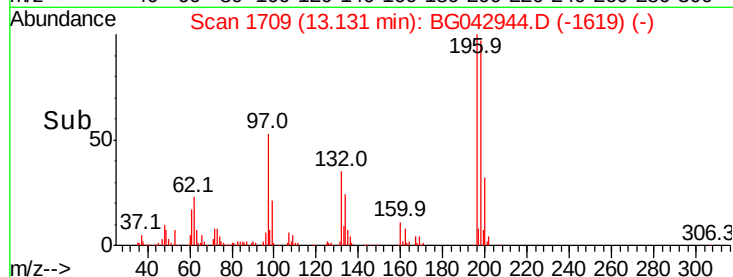
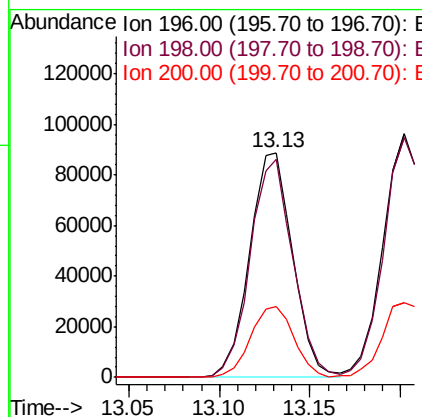
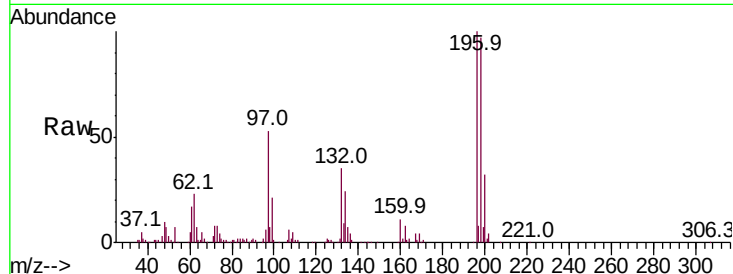
#43
 2,4,6-Trichlorophenol
 Concen: 37.359 ng
 RT: 13.13 min Scan# 1709
 Delta R.T. -0.00 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	146368		
198	97.1	75.5	113.3	
200	31.5	24.9	37.3	

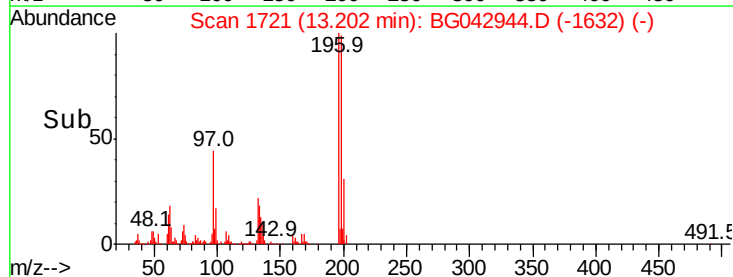
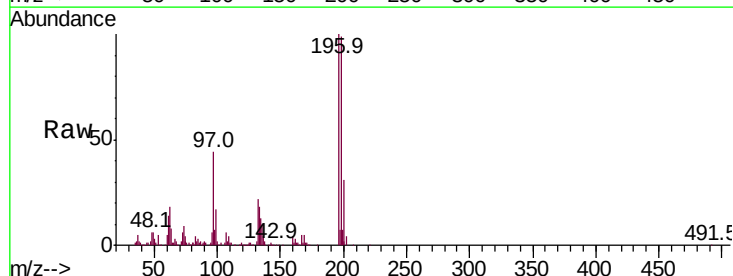
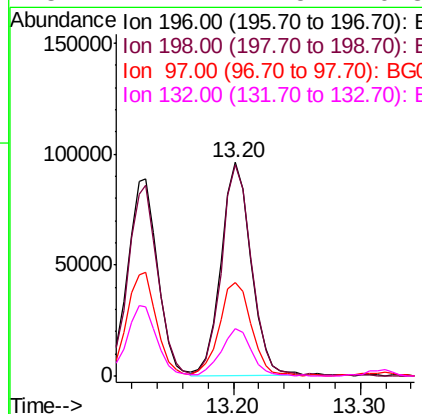
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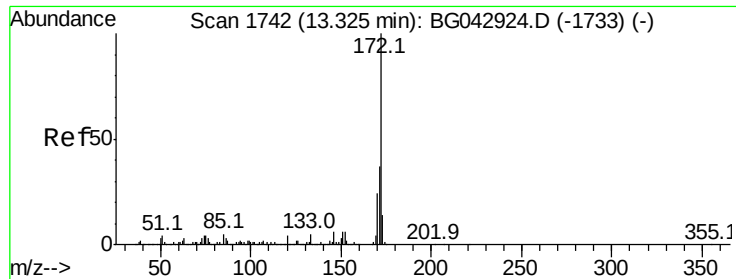
mohammad
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#44
 2,4,5-Trichlorophenol
 Concen: 39.012 ng
 RT: 13.20 min Scan# 1721
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	157454		
198	98.6	75.1	112.7	
97	43.6	37.0	55.4	
132	22.1	17.5	26.3	





#45

2-Fluorobiphenyl

Concen: 65.808 ng

RT: 13.31 min Scan# 1740

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

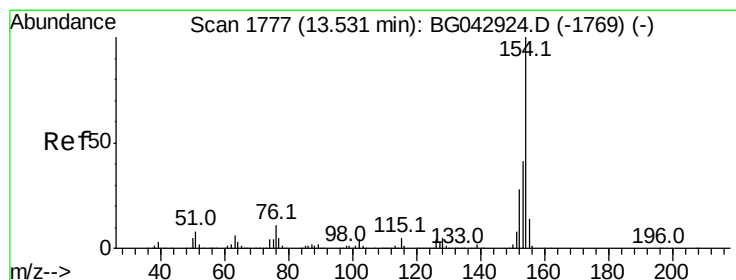
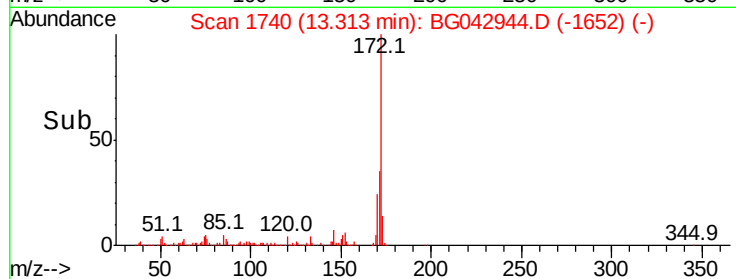
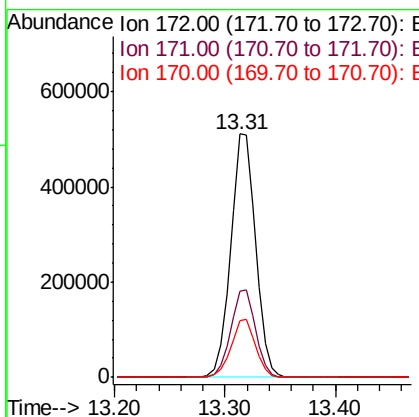
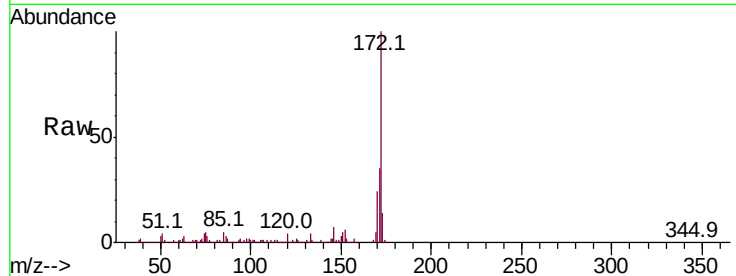
ClientSampleId :

20190708-RR-COMPOSITE-8MSD

Tot Ion:	172	Resp:	808153
Ion Ratio	Lower	Upper	
172	100		
171	35.2	29.6	44.4
170	23.5	19.6	29.4

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#46

1,1'-Biphenyl

Concen: 34.446 ng

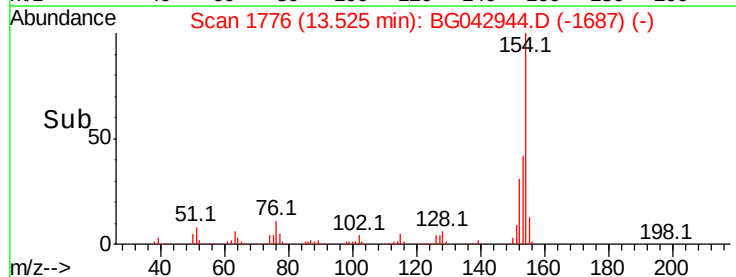
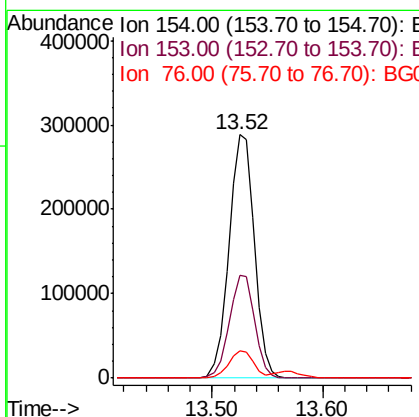
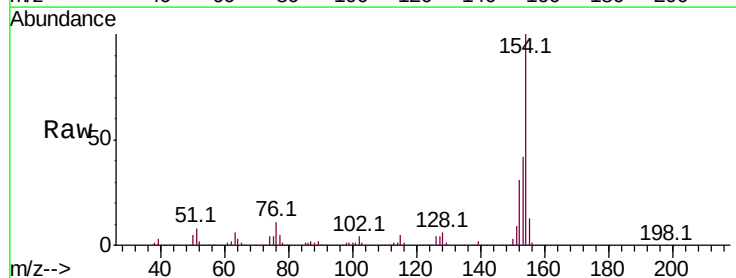
RT: 13.52 min Scan# 1776

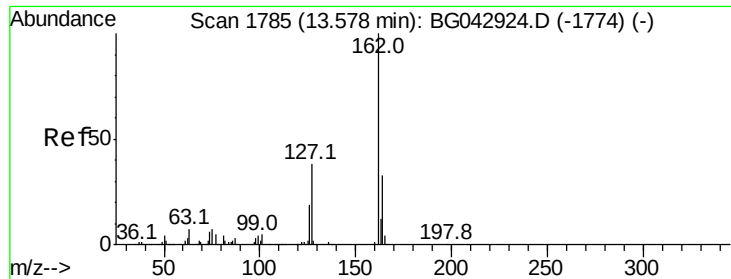
Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion:	154	Resp:	465053
Ion Ratio	Lower	Upper	
154	100		
153	42.4	21.4	61.4
76	11.3	0.0	31.3





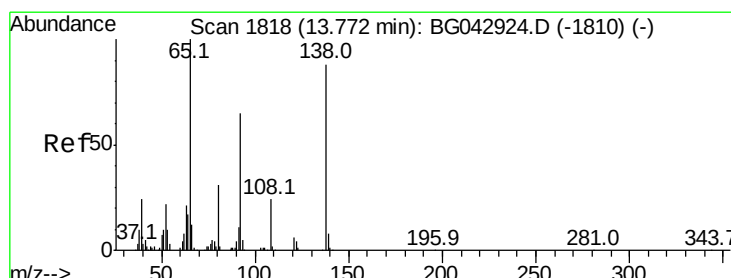
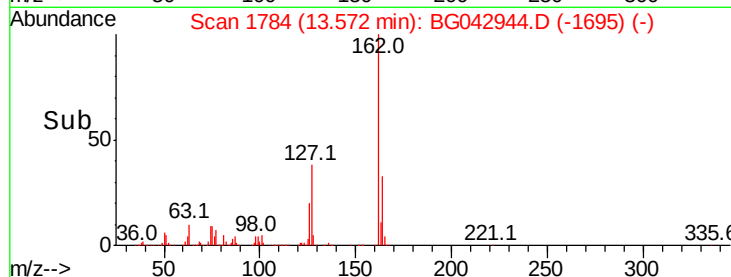
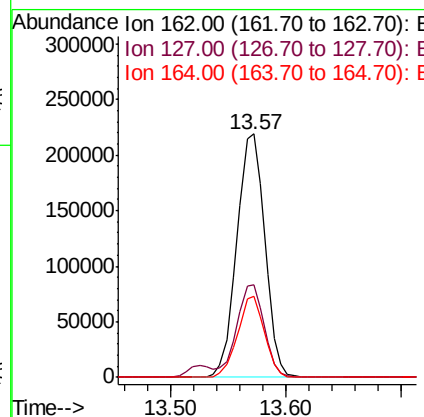
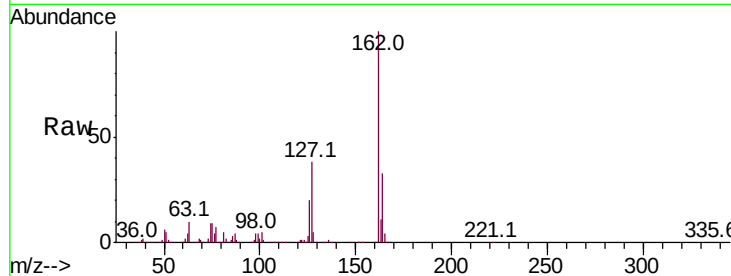
#47
 2-Chloronaphthalene
 Concen: 36.474 ng
 RT: 13.57 min Scan# 1784
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
162	100	369197		
127	38.3		31.0	46.6
164	33.4		26.2	39.2

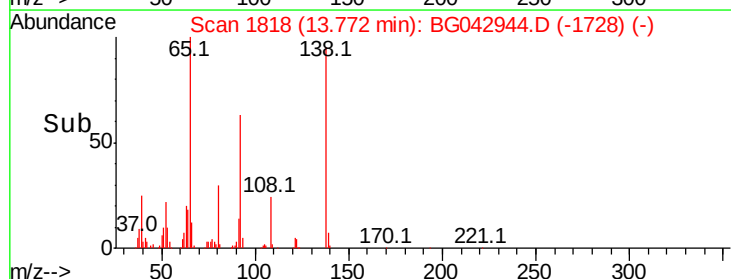
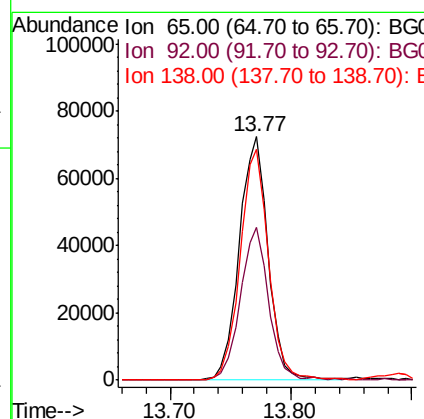
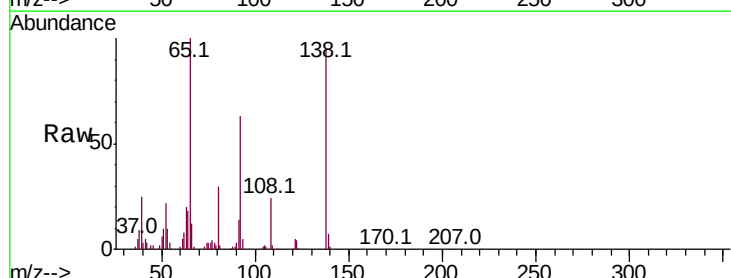
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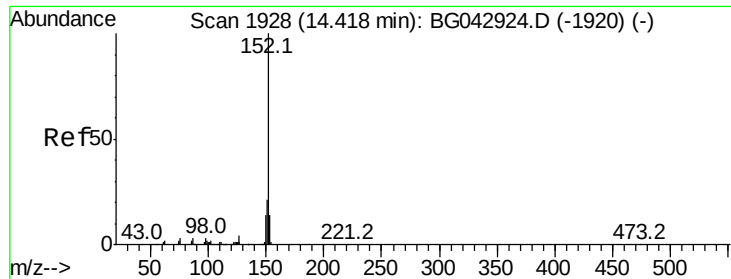
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#48
 2-Nitroaniline
 Concen: 35.777 ng
 RT: 13.77 min Scan# 1818
 Delta R.T. -0.00 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
65	100	120428		
92	62.9		52.0	78.0
138	94.6		70.4	105.6





#49

Acenaphthylene

Concen: 38.450 ng

RT: 14.41 min Scan# 1927

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

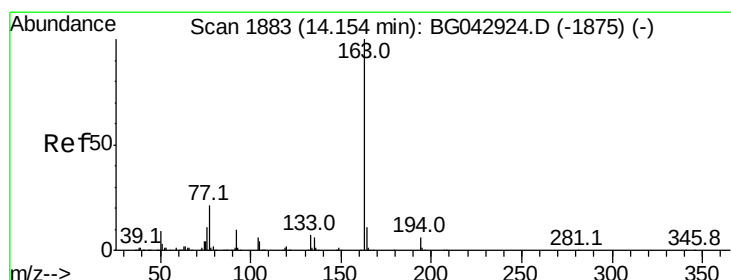
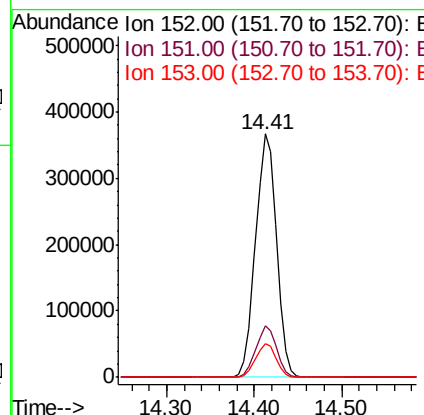
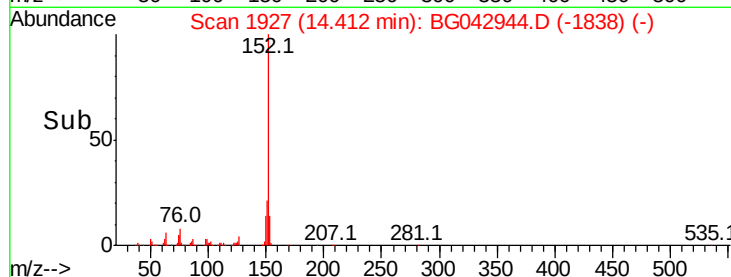
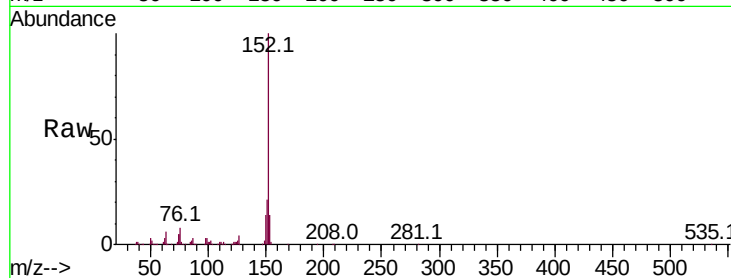
ClientSampleId :

20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
152	100	595541		
151	21.2		16.8	25.2
153	13.7		11.3	16.9

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#50

Dimethylphthalate

Concen: 42.655 ng

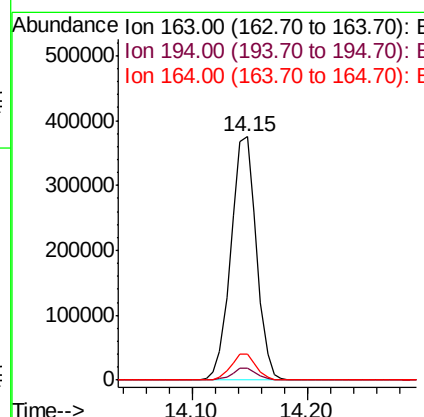
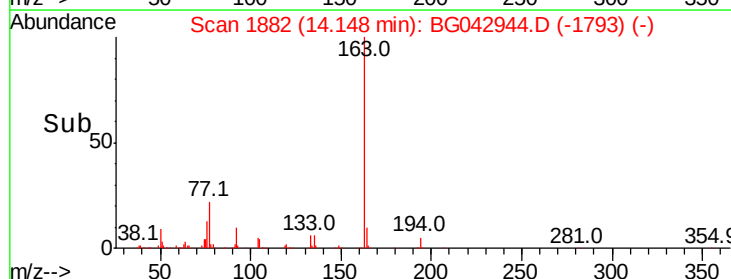
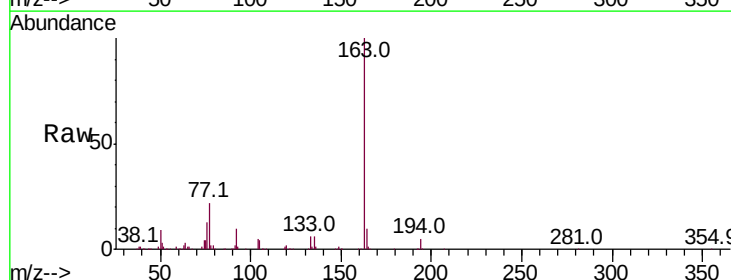
RT: 14.15 min Scan# 1882

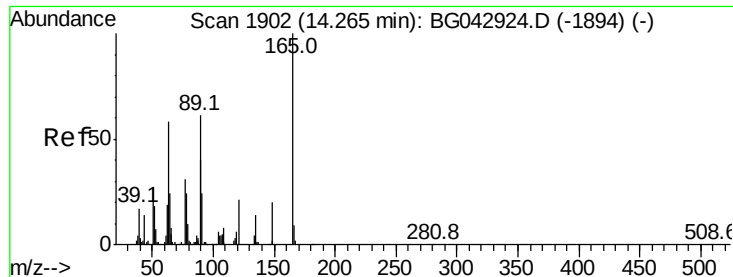
Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
163	100	568983		
194	4.9		4.4	6.6
164	10.4		8.6	12.8





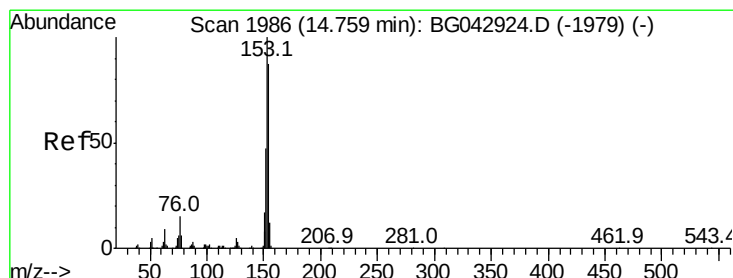
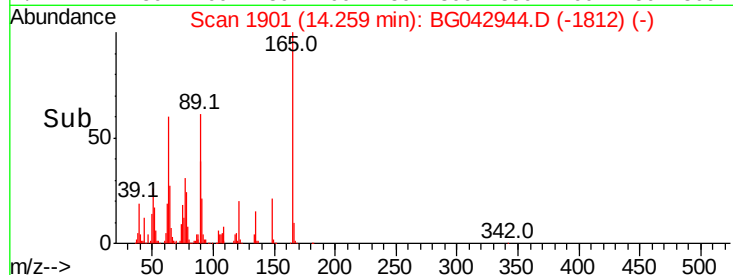
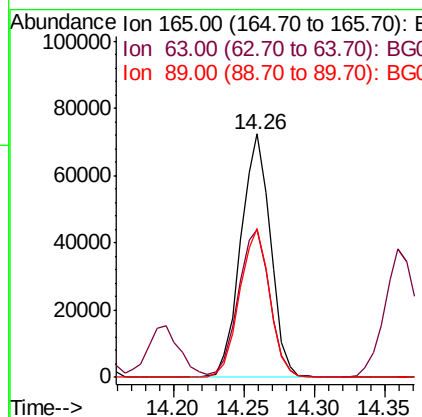
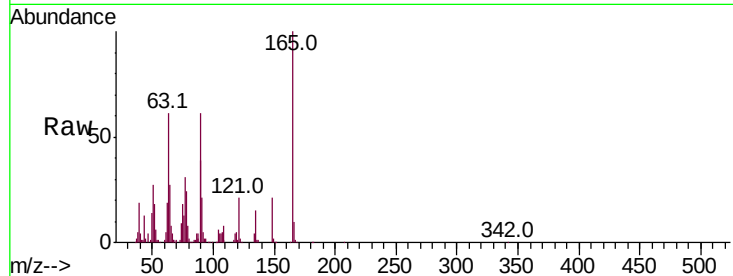
#51
 2,6-Dinitrotoluene
 Concen: 37.541 ng
 RT: 14.26 min Scan# 1901
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100	106640		
63	60.8		50.3	75.5
89	61.1		48.9	73.3

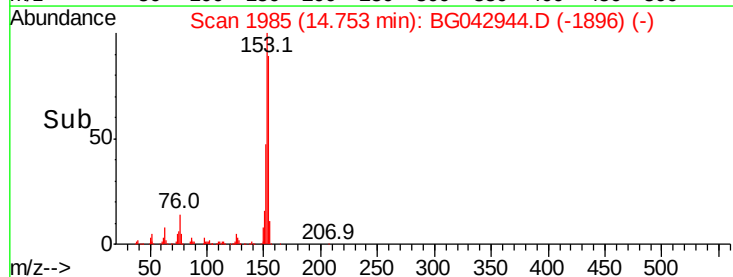
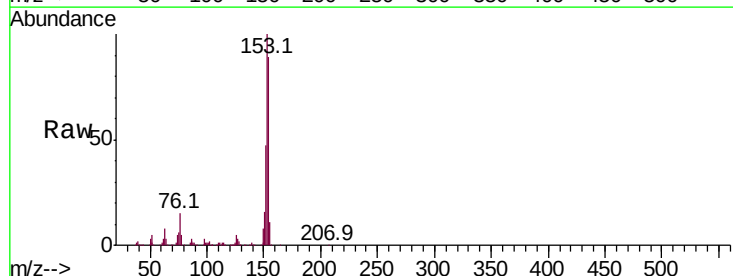
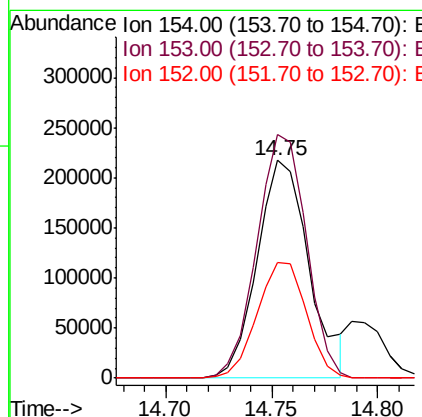
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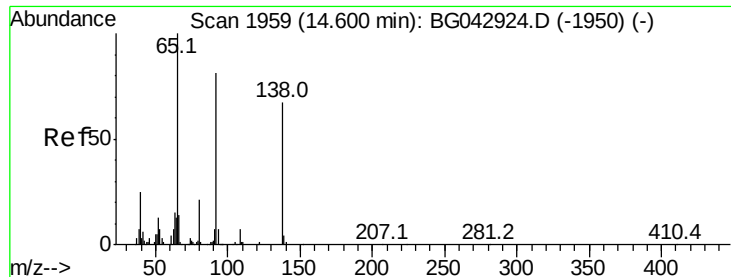
mohammad
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#52
 Acenaphthene
 Concen: 35.854 ng
 RT: 14.75 min Scan# 1985
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
154	100	371710		
153	111.8		91.4	137.0
152	52.9		42.8	64.2





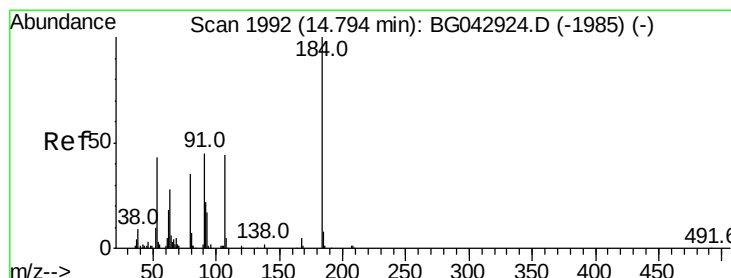
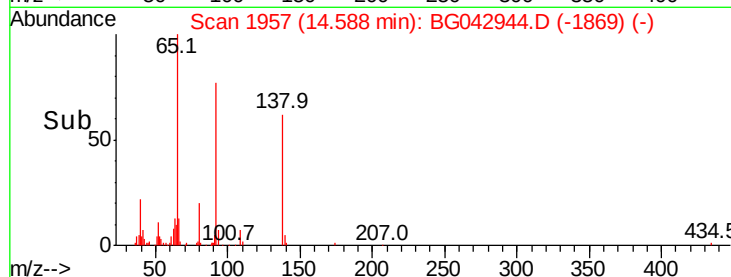
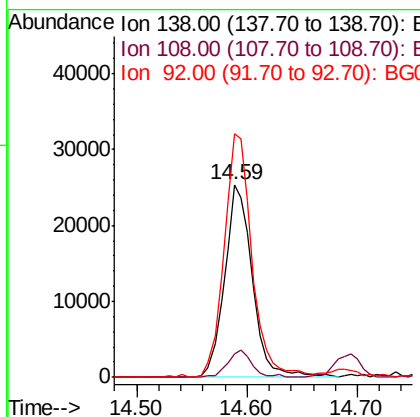
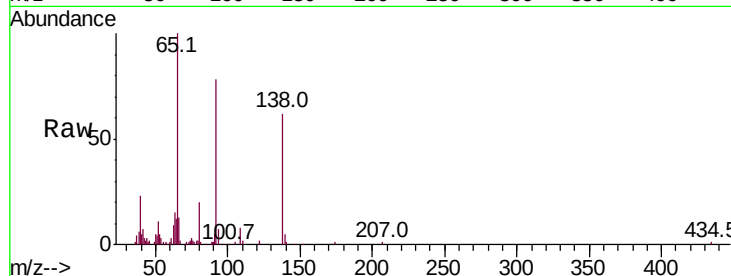
#53
 3-Nitroaniline
 Concen: 15.204 ng
 RT: 14.59 min Scan# 1957
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8MSD

Tot Ion:138 Resp: 44633
 Ion Ratio Lower Upper
 138 100
 108 12.2 7.9 11.9#
 92 126.3 97.0 145.6

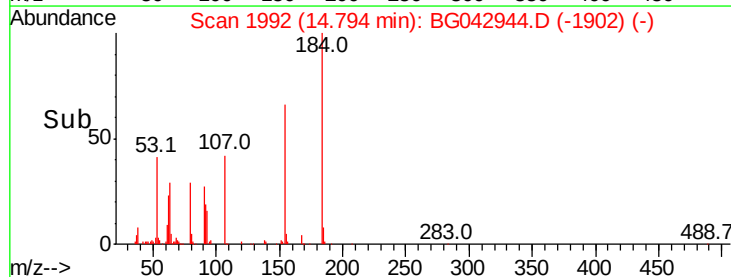
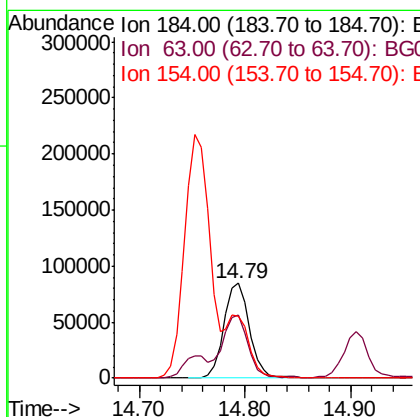
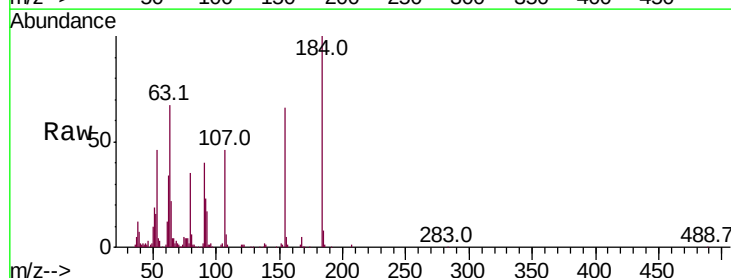
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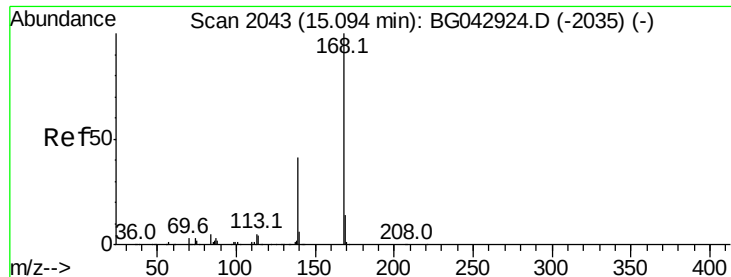
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#54
 2,4-Dinitrophenol
 Concen: 80.998 ng
 RT: 14.79 min Scan# 1992
 Delta R.T. -0.00 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Tgt Ion:184 Resp: 143019
 Ion Ratio Lower Upper
 184 100
 63 67.0 55.0 82.6
 154 65.5 56.5 84.7





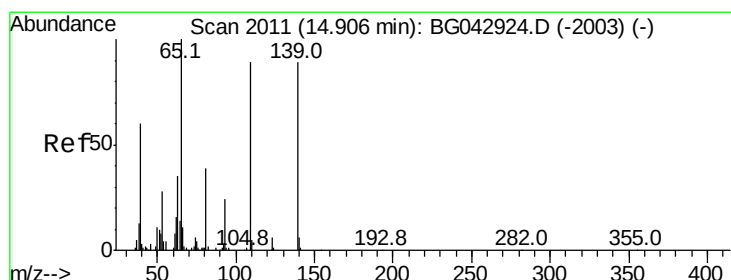
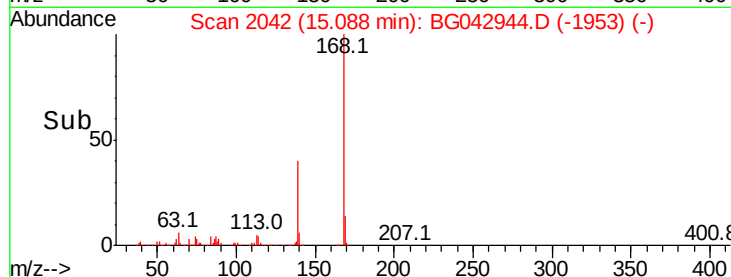
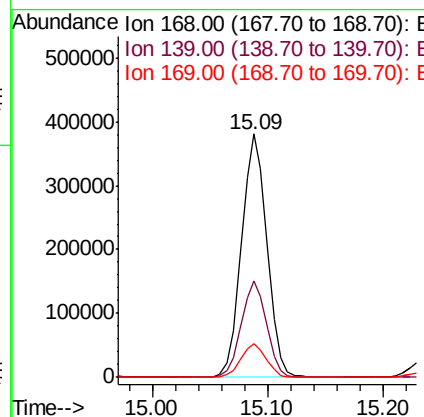
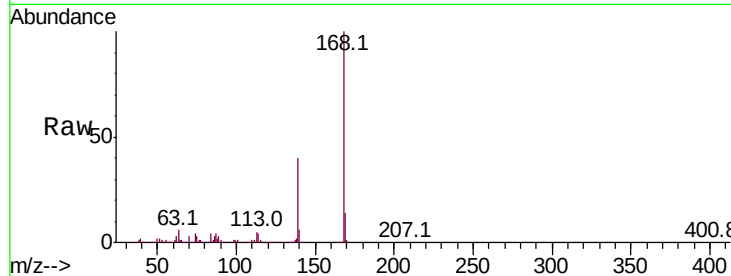
#55
Dibenzofuran
Concen: 37.687 ng
RT: 15.09 min Scan# 2042
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
168	100			
139	39.7	32.6	48.8	
169	13.8	11.2	16.8	

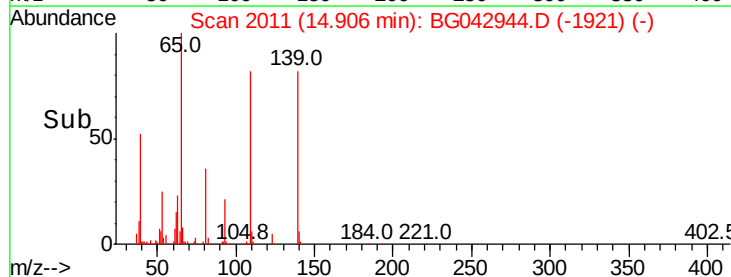
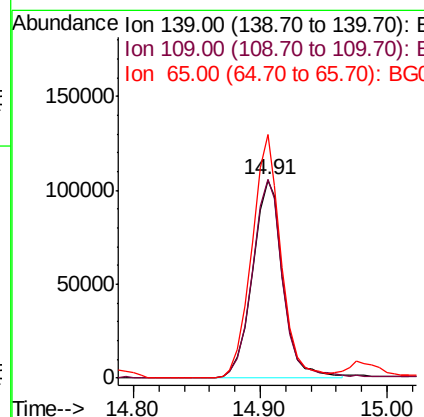
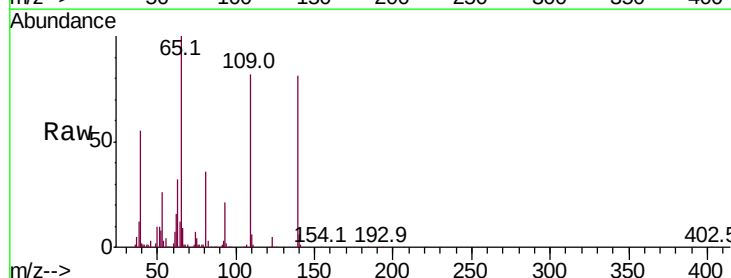
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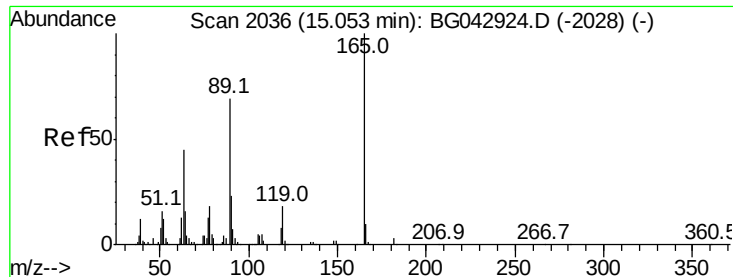
mohammad
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#56
4-Nitrophenol
Concen: 78.519 ng
RT: 14.91 min Scan# 2011
Delta R.T. -0.00 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	100.6	79.4	119.4	
65	123.0	92.5	132.5	





#57

2,4-Dinitrotoluene

Concen: 37.262 ng

RT: 15.04 min Scan# 2034

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

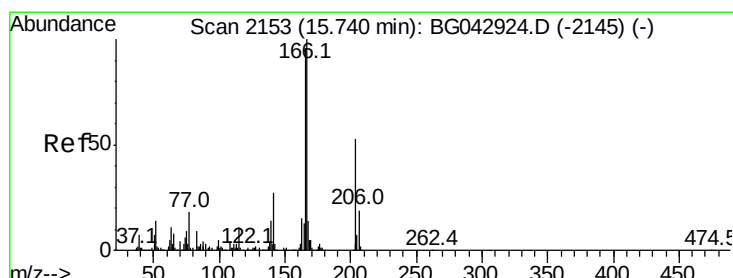
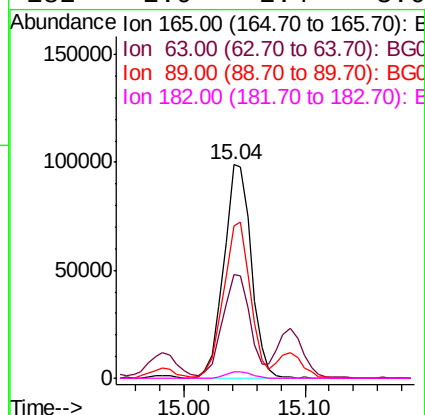
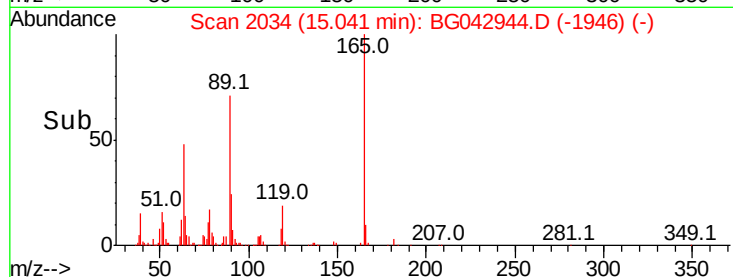
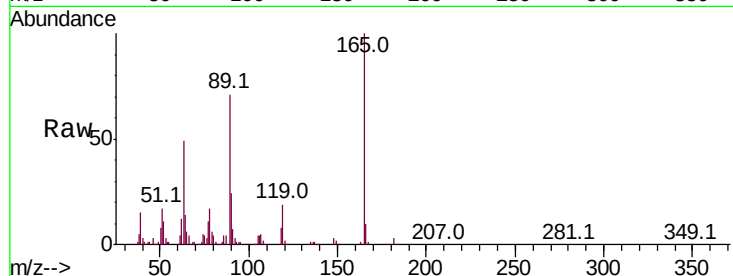
ClientSampleId :

20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
165	100			
63	48.6	36.5	54.7	
89	71.0	55.5	83.3	
182	2.9	2.4	3.6	

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#58

Fluorene

Concen: 36.969 ng

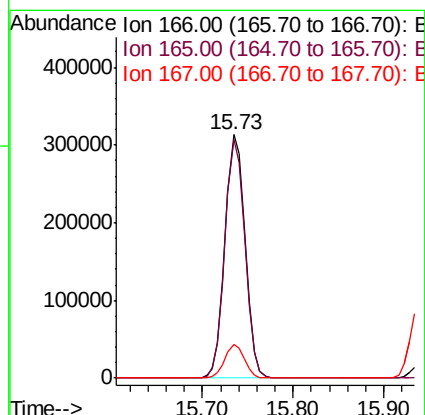
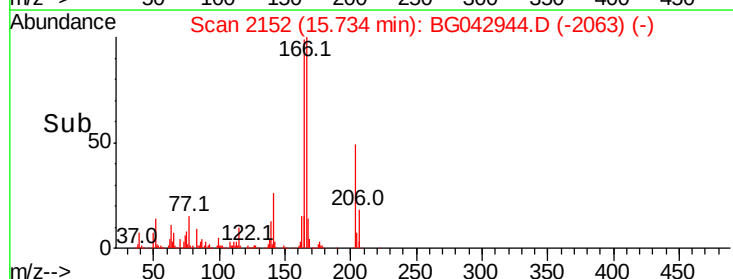
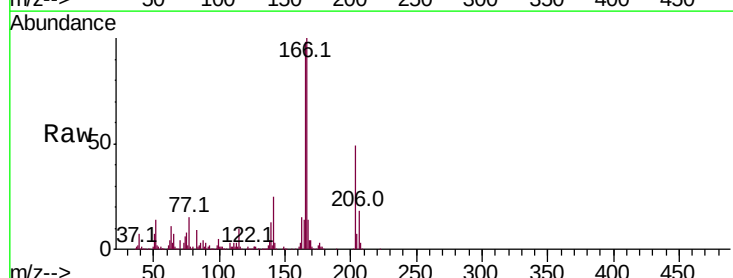
RT: 15.73 min Scan# 2152

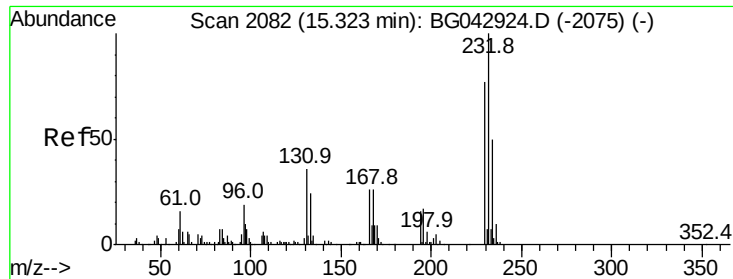
Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
166	100			
165	98.0	77.1	115.7	
167	13.8	11.0	16.6	





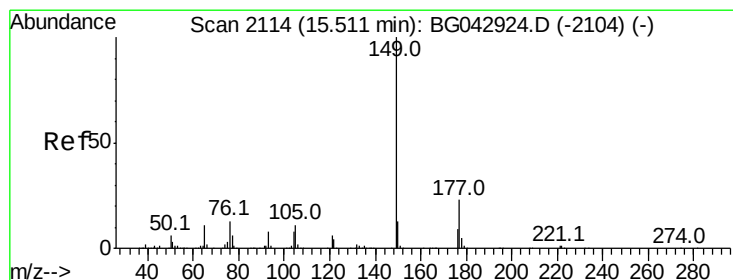
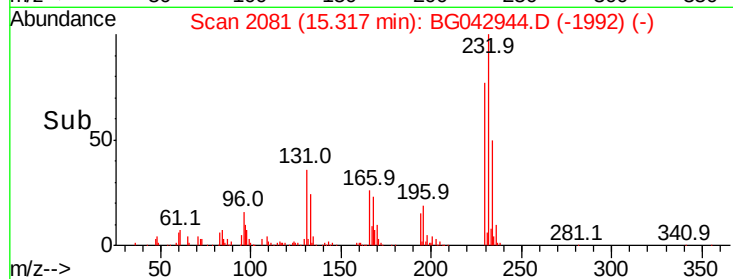
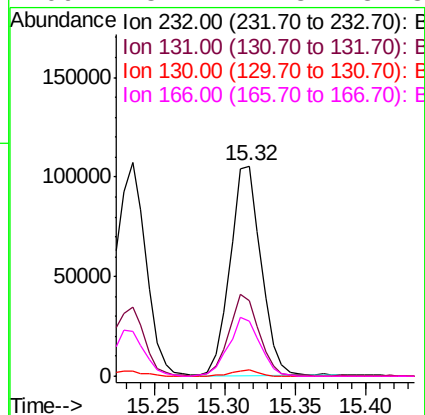
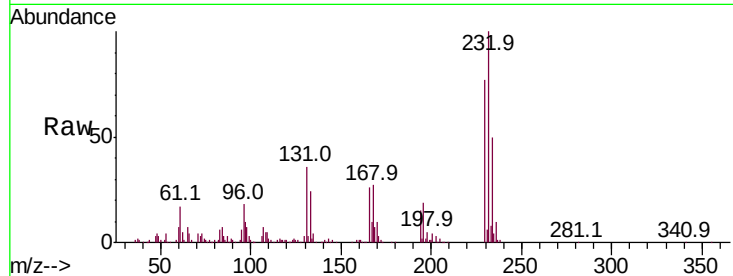
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 37.541 ng
 RT: 15.32 min Scan# 2081
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
232	100	161327		
131	37.5	29.6	44.4	
130	2.6	1.9	2.9	
166	28.2	21.8	32.8	

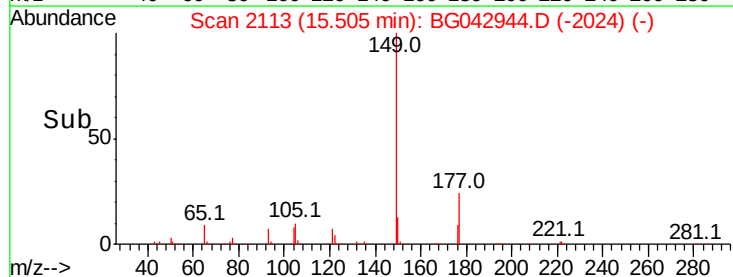
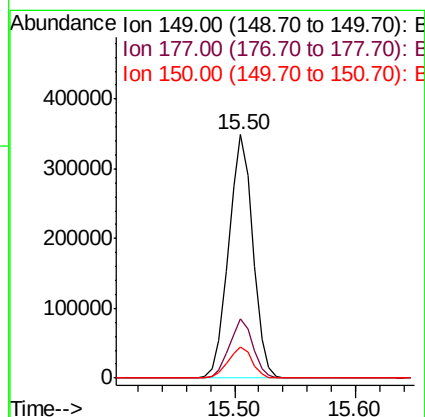
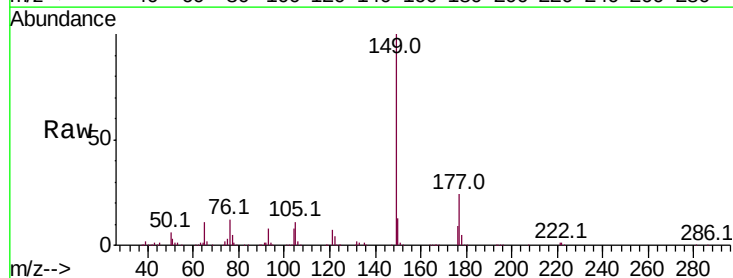
Manual Integrations
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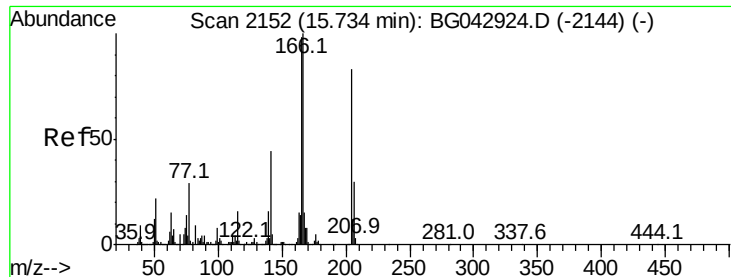
mohammad
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#60
 Diethylphthalate
 Concen: 35.674 ng
 RT: 15.50 min Scan# 2113
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	484282		
177	24.4	18.8	28.2	
150	12.8	10.6	15.8	





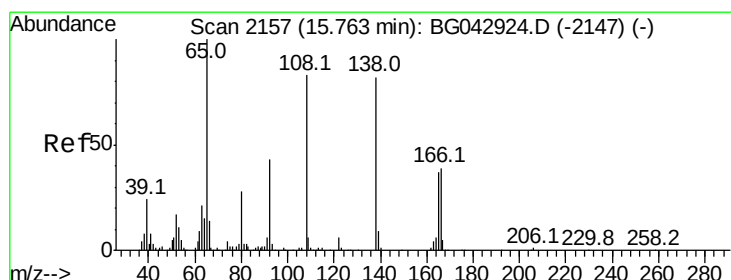
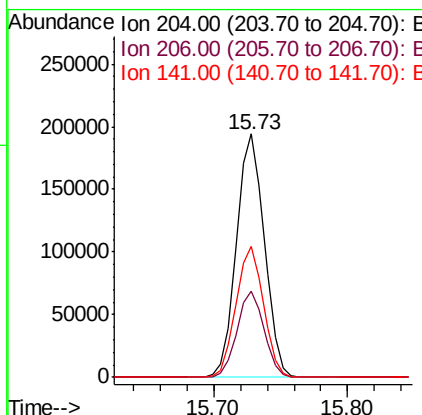
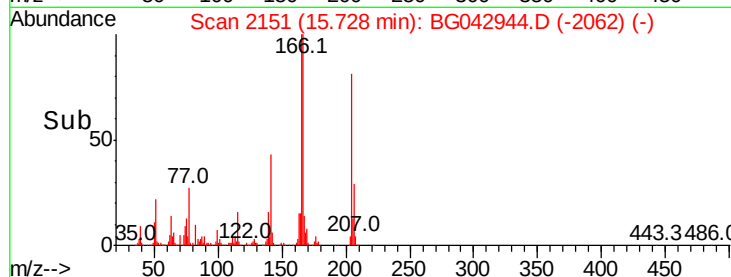
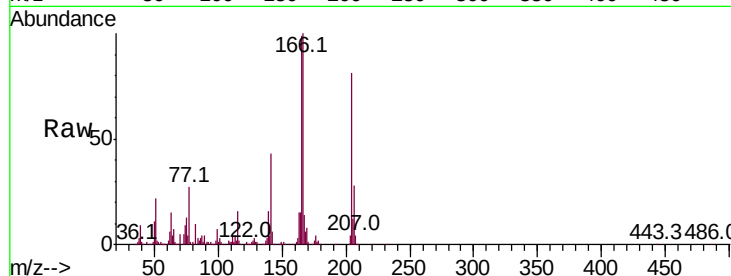
#61
4-Chlorophenyl-phenylether
Concen: 35.850 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
204	100			
206	35.1	28.5	42.7	
141	53.7	42.4	63.6	

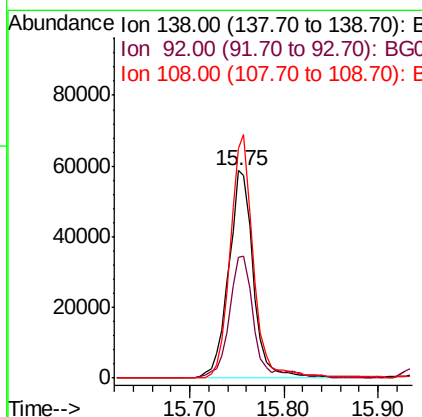
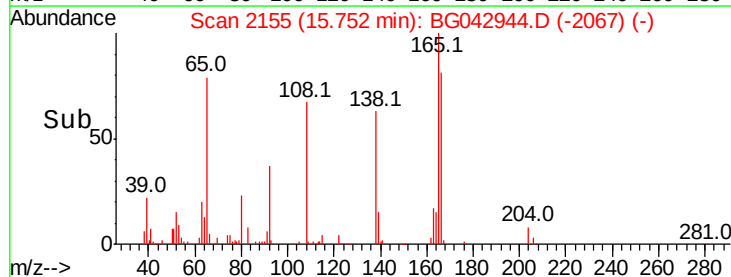
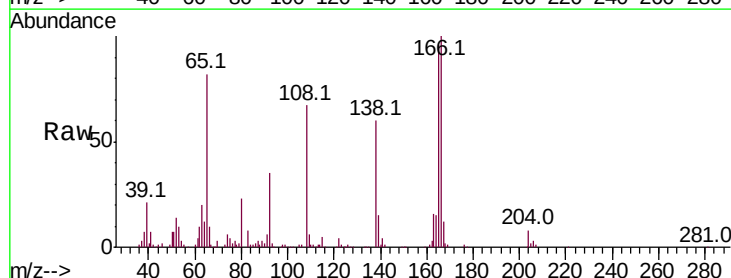
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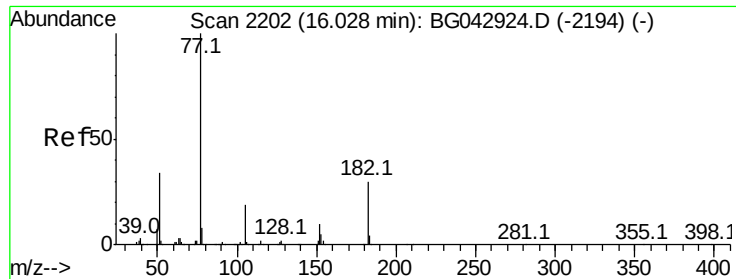
mohammad
10/2/2019 8:33:16 AM



#62
4-Nitroaniline
Concen: 33.697 ng
RT: 15.75 min Scan# 2155
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
138	100			
92	58.1	32.9	72.9	
108	110.8	81.3	121.3	





#63

Azobenzene

Concen: 36.504 ng

RT: 16.02 min Scan# 2201

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

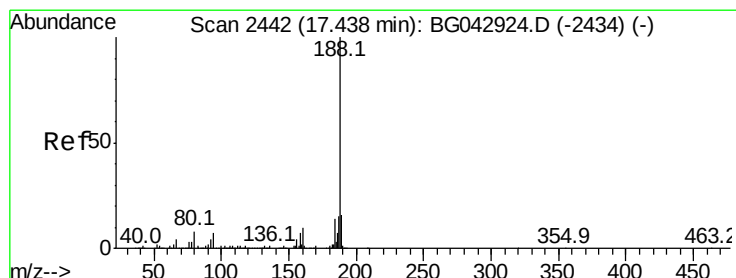
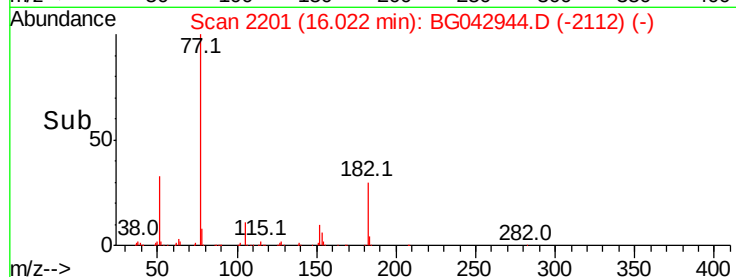
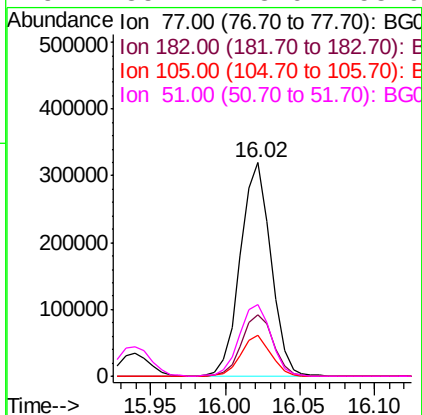
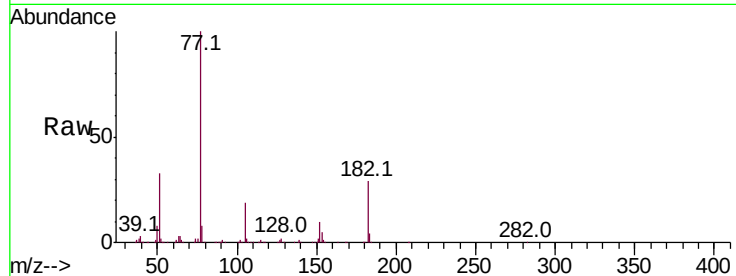
ClientSampleId :

20190708-RR-COMPOSITE-8MSD

Tot Ion:	77	Resp:	451160
Ion Ratio	Lower	Upper	
77	100		
182	29.0	10.2	50.2
105	18.9	0.0	39.1
51	33.4	13.9	53.9

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#64

Phenanthrene-d10

Concen: 20.000 ng

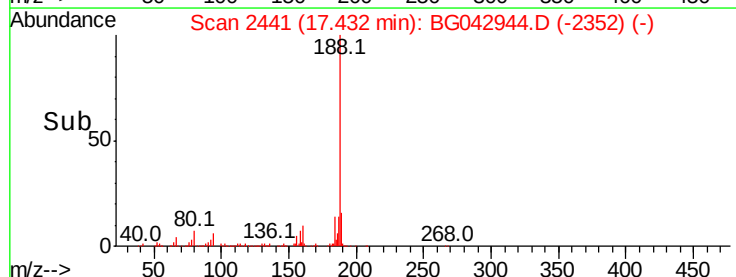
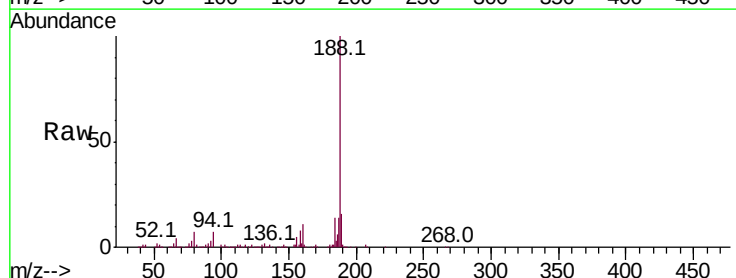
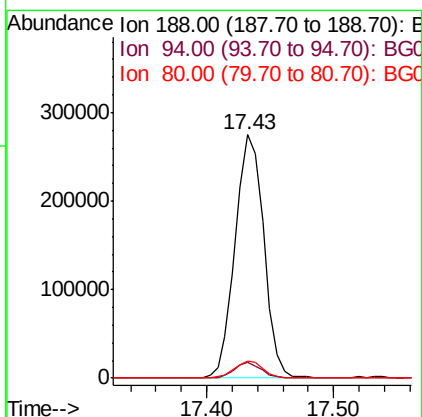
RT: 17.43 min Scan# 2441

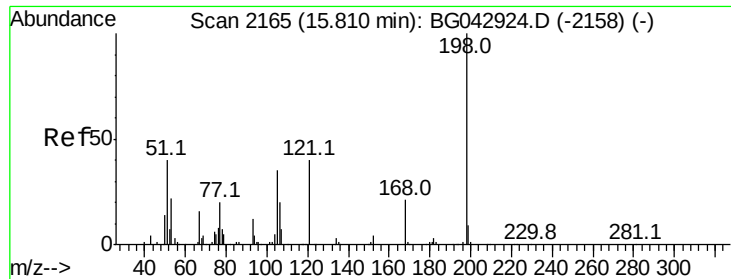
Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion:	188	Resp:	431180
Ion Ratio	Lower	Upper	
188	100		
94	6.6	5.7	8.5
80	7.2	6.5	9.7





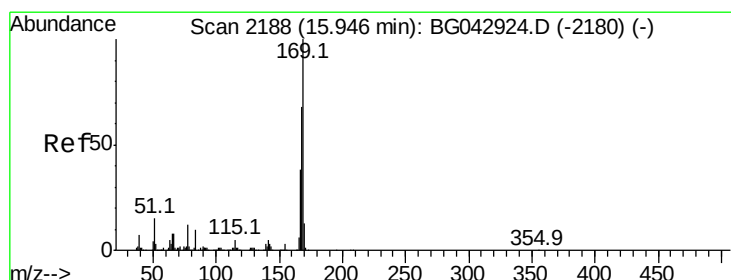
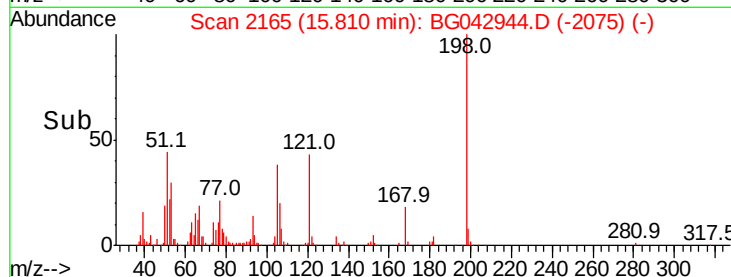
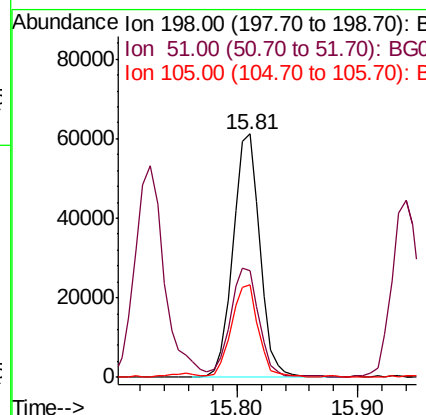
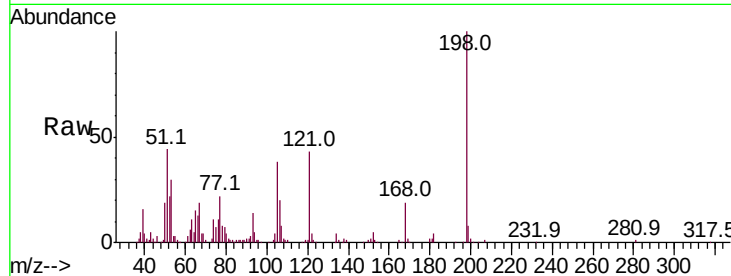
#65
4,6-Dinitro-2-methylphenol
Concen: 38.991 ng
RT: 15.81 min Scan# 2165
Delta R.T. -0.00 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
198	100			
51	43.9	25.3	65.3	
105	38.1	16.6	56.6	

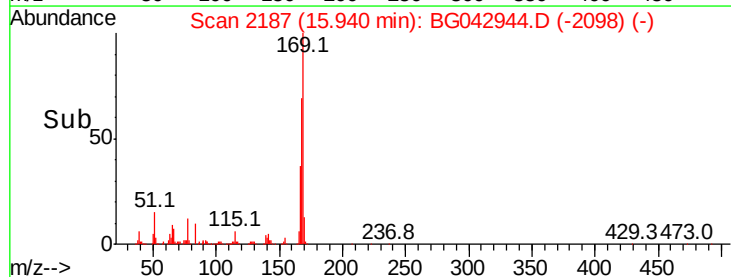
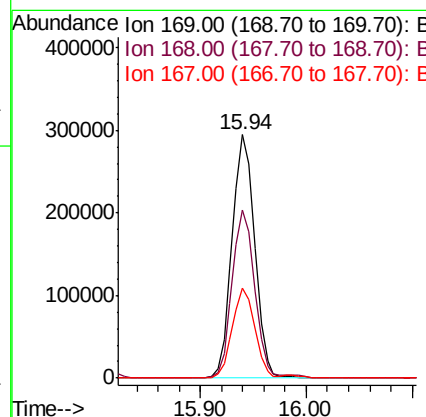
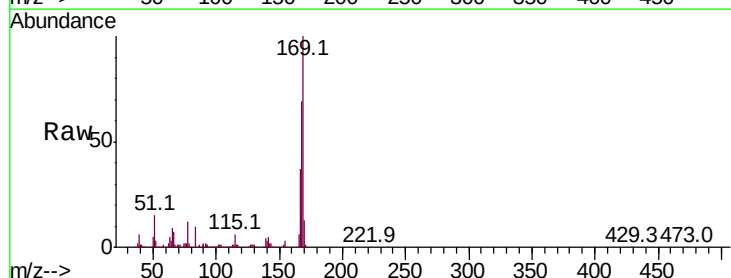
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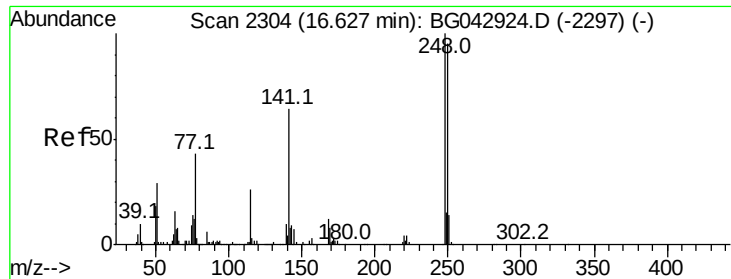
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#66
n-Nitrosodiphenylamine
Concen: 38.216 ng
RT: 15.94 min Scan# 2187
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
169	100			
168	68.9	54.8	82.2	
167	36.8	30.6	46.0	





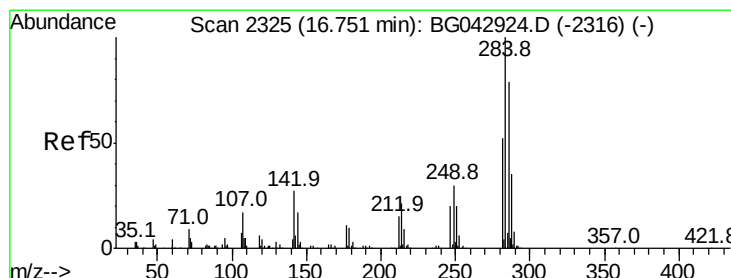
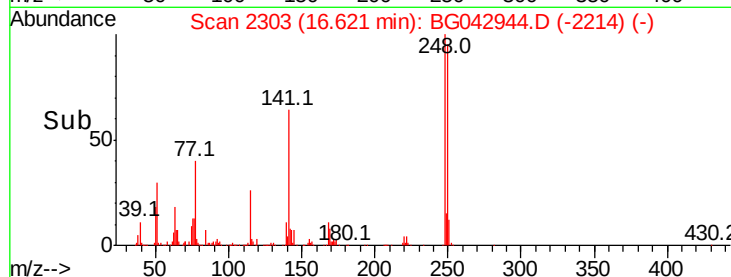
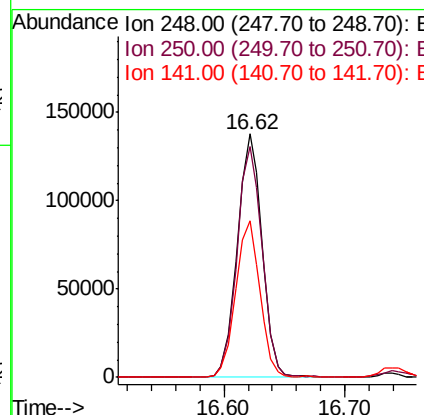
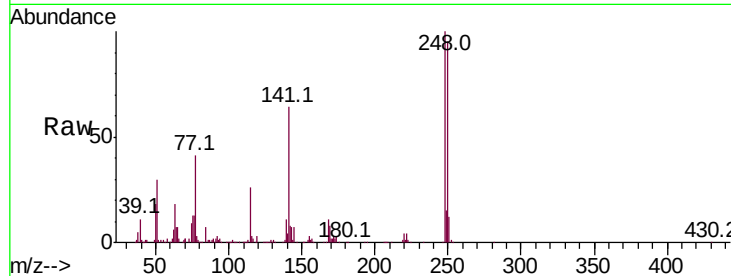
#67
4-Bromophenyl-phenylether
Concen: 36.453 ng
RT: 16.62 min Scan# 2303
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	94.8	75.8	113.8
141	64.2	51.1	76.7

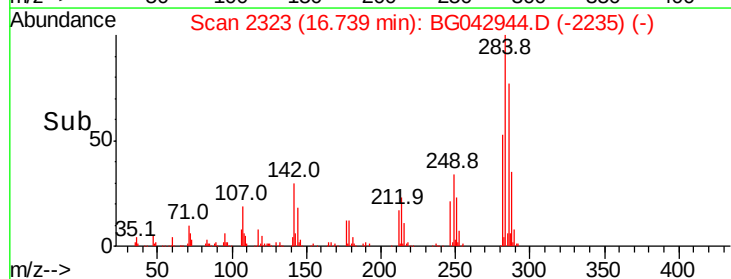
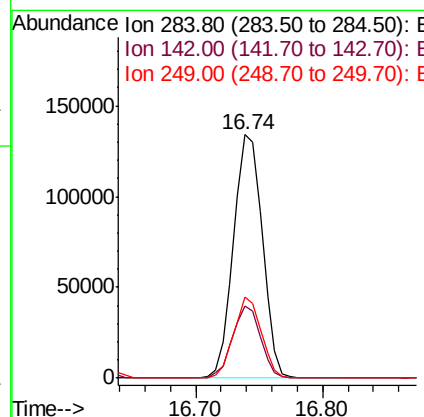
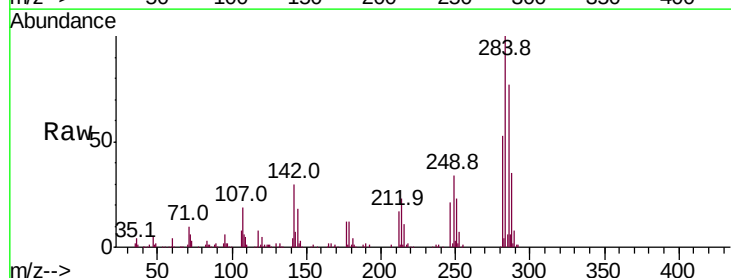
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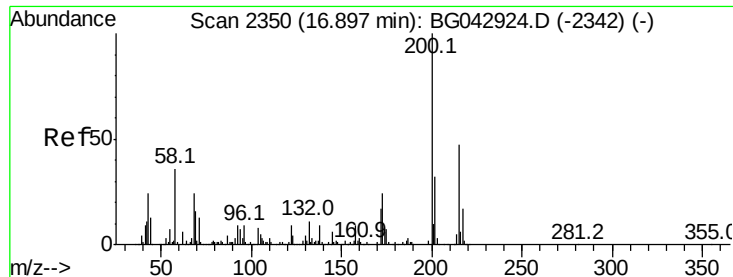
mohammad
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#68
Hexachlorobenzene
Concen: 35.061 ng
RT: 16.74 min Scan# 2323
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
284	100		
142	29.7	21.6	32.4
249	33.5	24.1	36.1





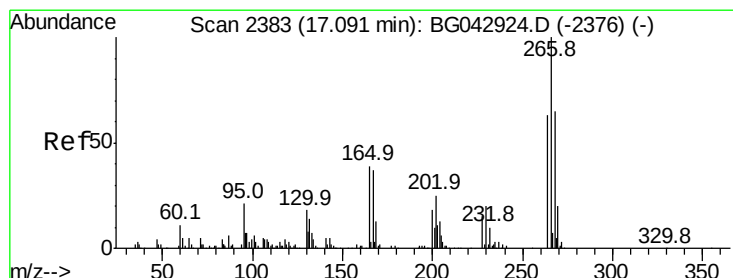
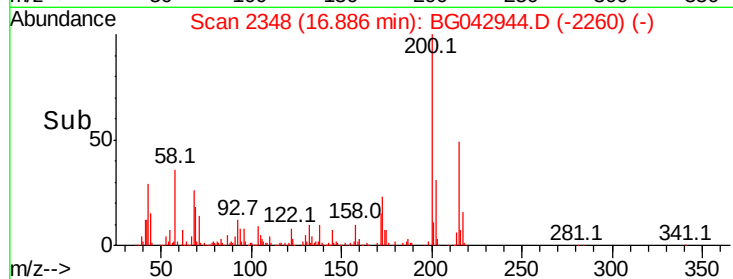
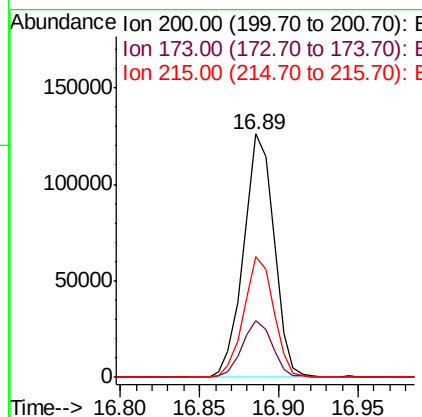
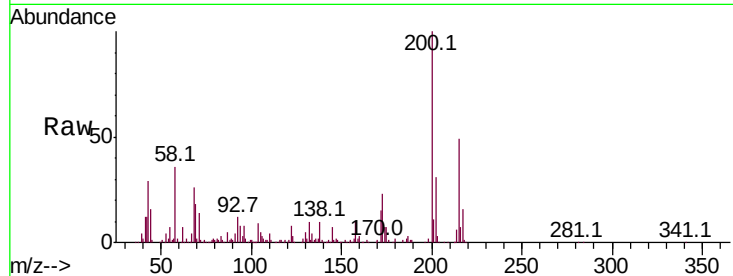
#69
Atrazine
Concen: 35.098 ng
RT: 16.89 min Scan# 2348
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Resp Lower	Upper
200	100		
173	23.2	4.0	44.0
215	49.4	27.4	67.4

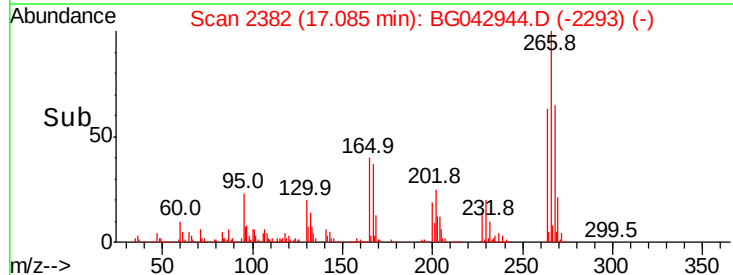
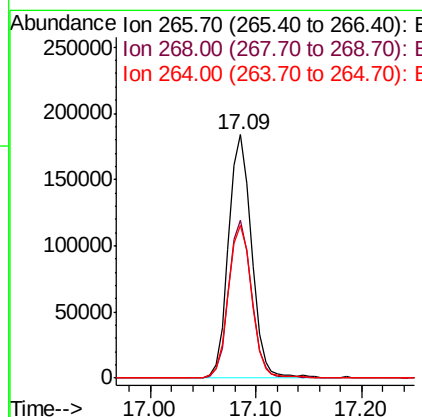
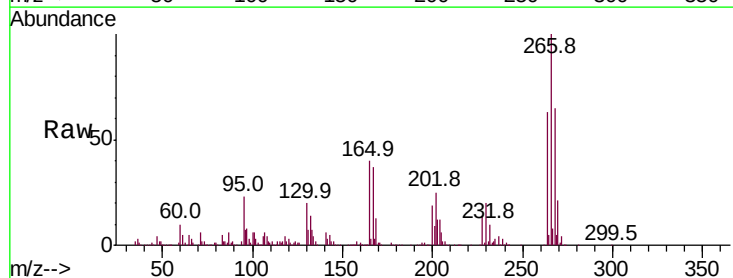
Manual Integrations
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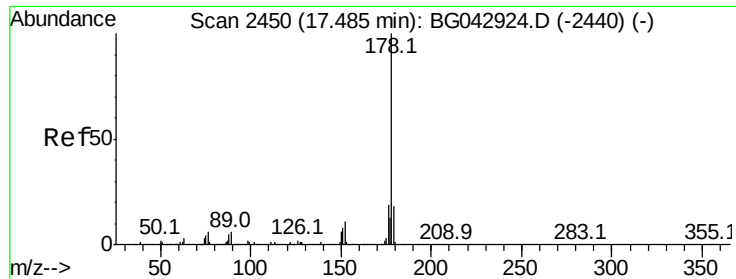
mohammad
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#70
Pentachlorophenol
Concen: 79.992 ng
RT: 17.09 min Scan# 2382
Delta R.T. -0.01 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Resp Lower	Upper
266	100		
268	64.8	52.2	78.2
264	62.9	50.7	76.1





#71

Phenanthrene

Concen: 37.040 ng

RT: 17.47 min Scan# 2448

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

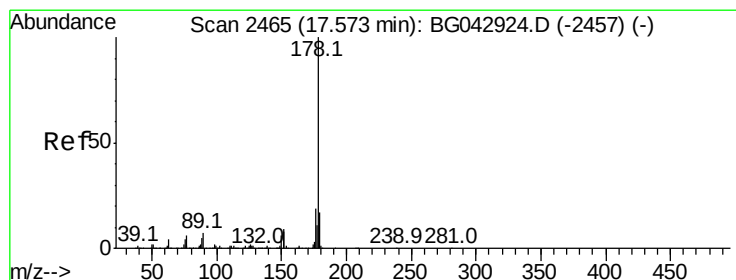
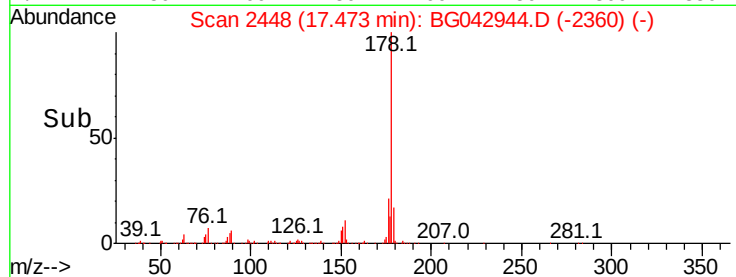
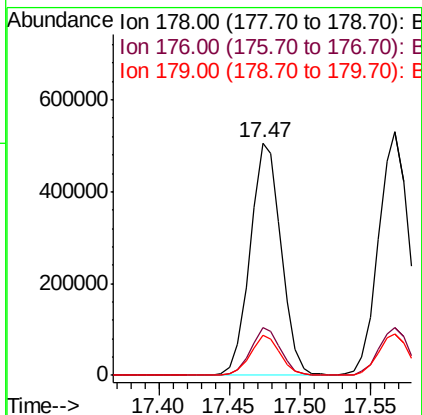
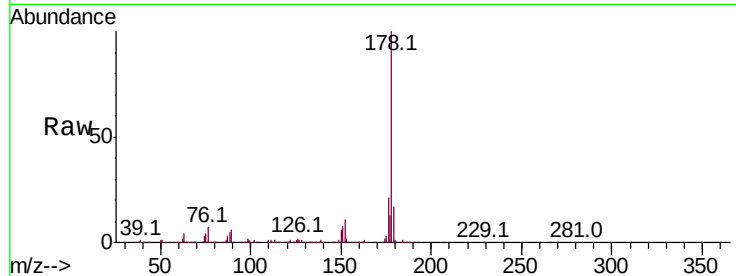
ClientSampleId :

20190708-RR-COMPOSITE-8MSD

Tot Ion:	178	Resp:	779704
Ion Ratio	Lower	Upper	
178	100		
176	20.8	15.1	22.7
179	17.3	14.1	21.1

Manual Integrations
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#72

Anthracene

Concen: 38.213 ng

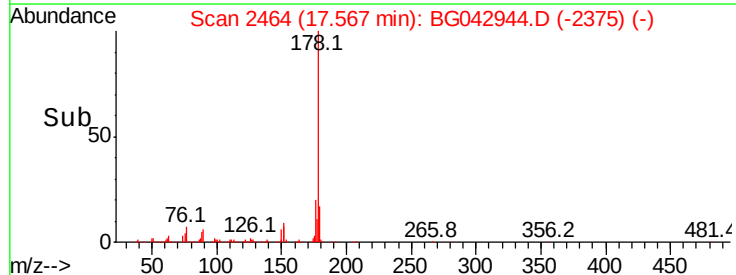
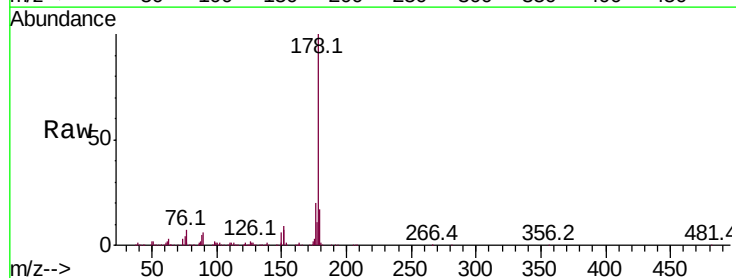
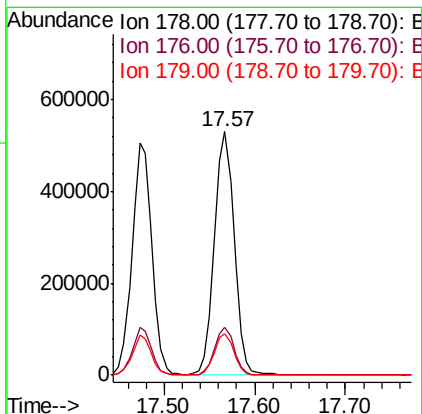
RT: 17.57 min Scan# 2464

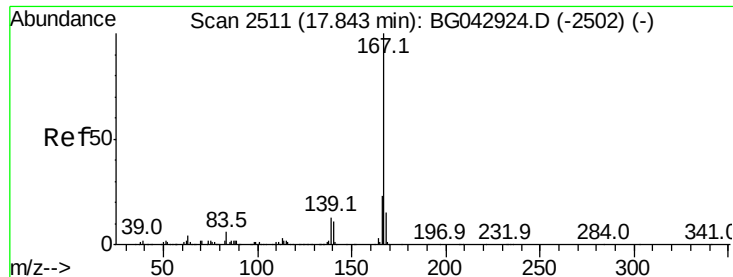
Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion:	178	Resp:	803048
Ion Ratio	Lower	Upper	
178	100		
176	19.9	15.5	23.3
179	17.2	13.5	20.3





#73

Carbazole

Concen: 37.827 ng

RT: 17.83 min Scan# 2509

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

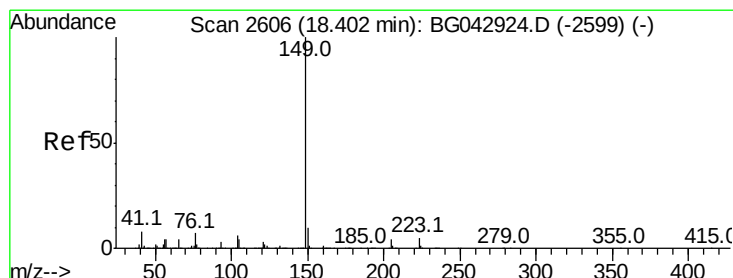
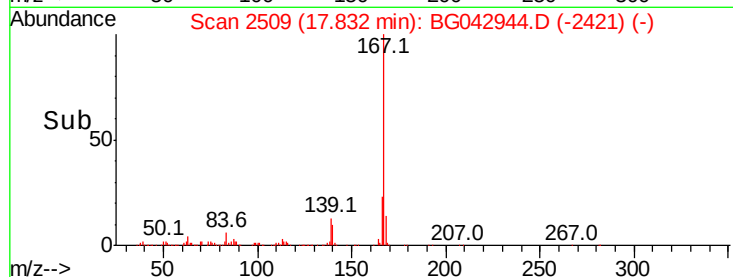
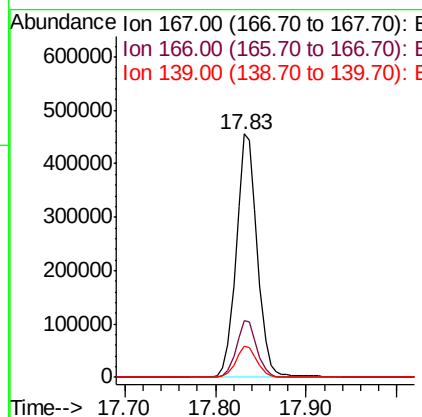
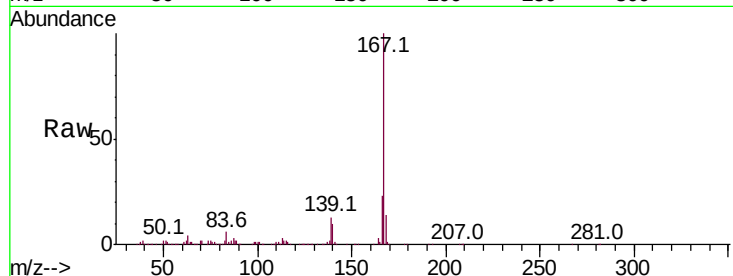
ClientSampleId :

20190708-RR-COMPOSITE-8MSD

Tot Ion:	167	Resp:	737159
Ion Ratio	Lower	Upper	
167	100		
166	23.2	18.6	28.0
139	13.0	10.8	16.2

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#74

Di-n-butylphthalate

Concen: 36.696 ng

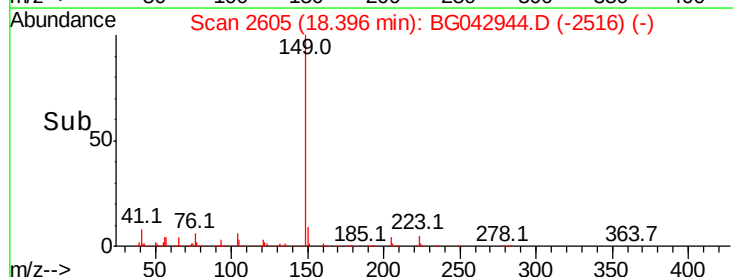
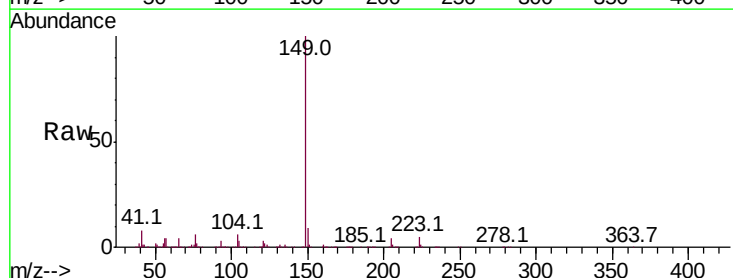
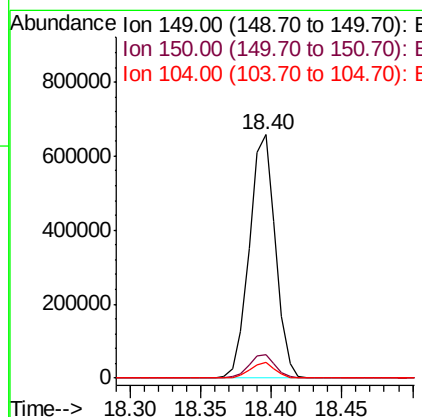
RT: 18.40 min Scan# 2605

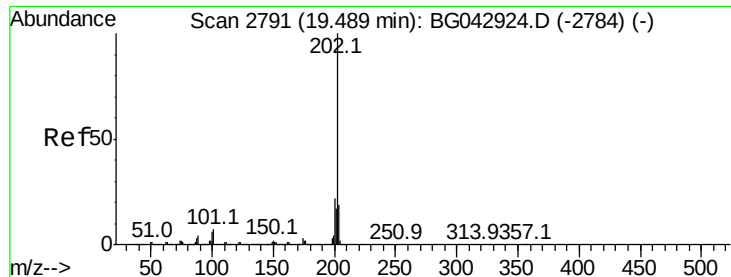
Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion:	149	Resp:	853218
Ion Ratio	Lower	Upper	
149	100		
150	9.4	7.7	11.5
104	6.3	5.0	7.6





#75

Fluoranthene

Concen: 37.569 ng

RT: 19.48 min Scan# 2790

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

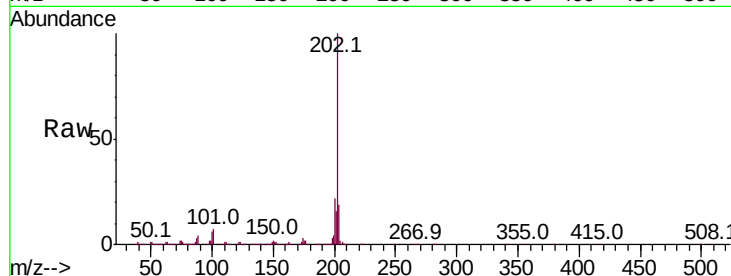
ClientSampleId :

20190708-RR-COMPOSITE-8MSD

Tot Ion:	202	Resp:	1046030
Ion	Ratio	Lower	Upper
202	100		
101	6.7	0.0	27.3
203	18.8	0.0	39.5

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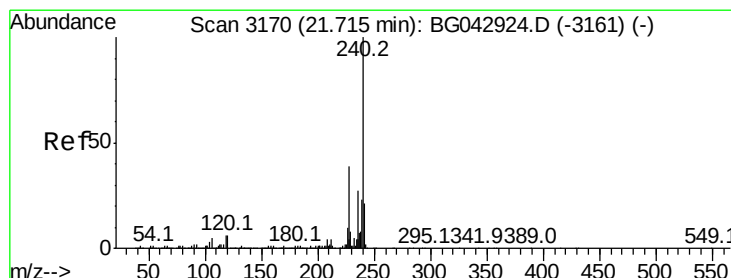
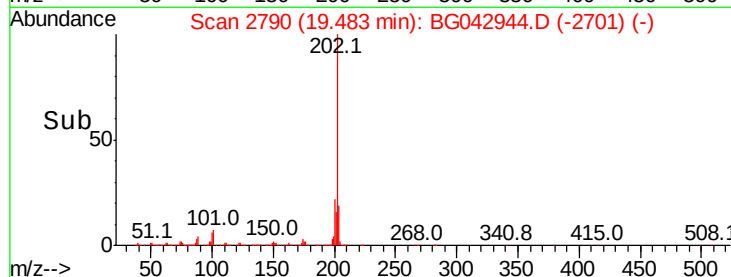
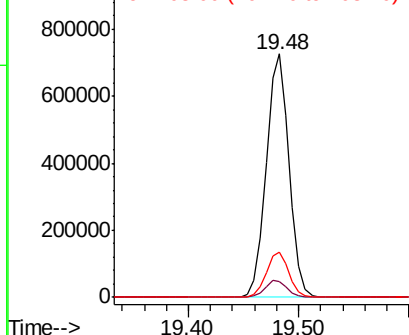


Abundance

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

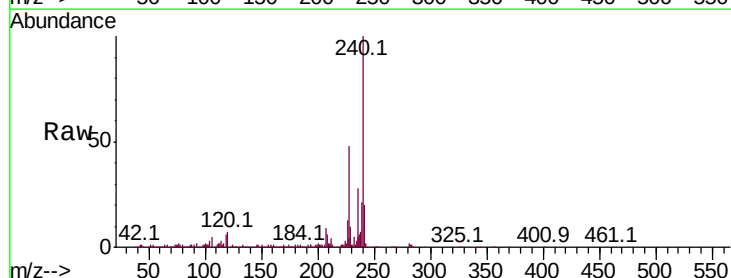
RT: 21.70 min Scan# 3168

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion:	240	Resp:	481385
Ion	Ratio	Lower	Upper
240	100		
120	6.7	4.8	7.2
236	27.7	21.4	32.0

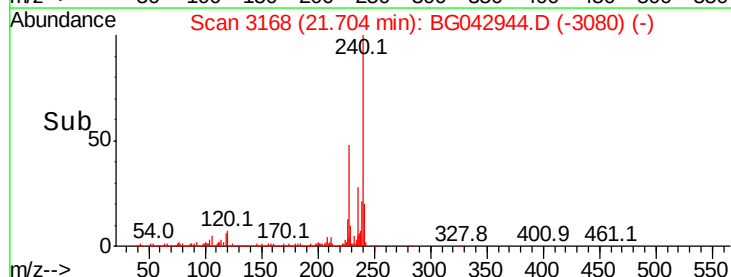
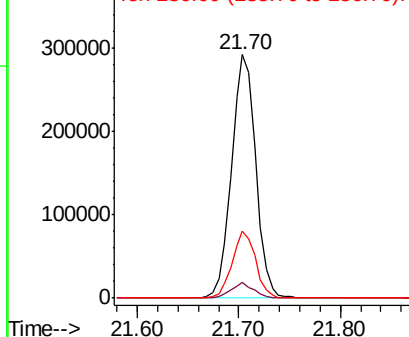


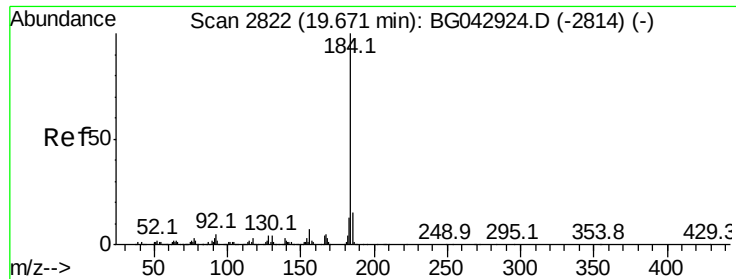
Abundance

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: 43.846 ng

RT: 19.66 min Scan# 2820

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

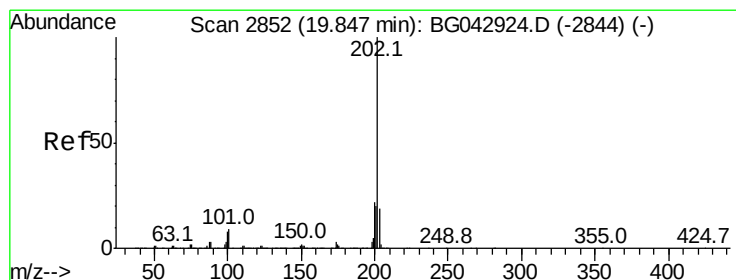
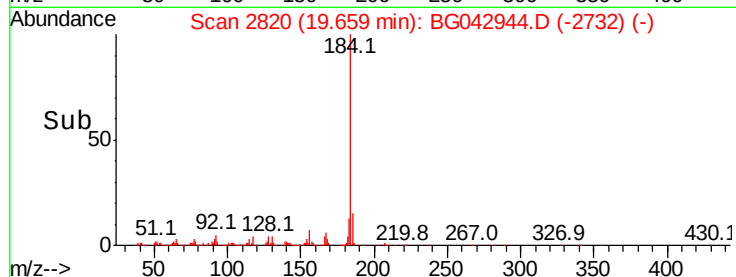
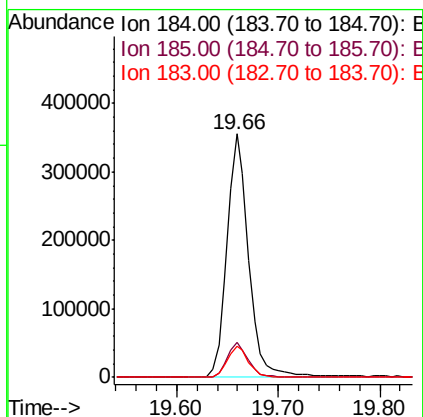
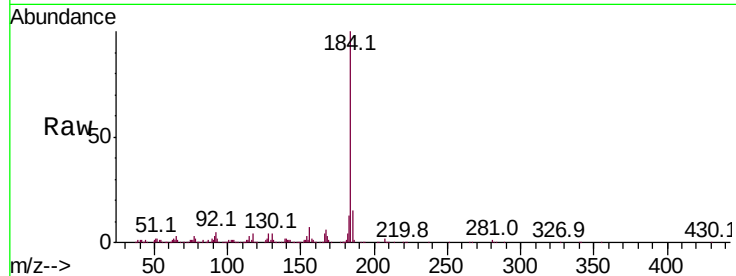
ClientSampleId :

20190708-RR-COMPOSITE-8MSD

Tot Ion:	184	Resp:	528492
Ion Ratio	Lower	Upper	
184	100		
185	14.5	11.8	17.8
183	12.7	10.1	15.1

Manual Integrations
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#78

Pyrene

Concen: 37.465 ng

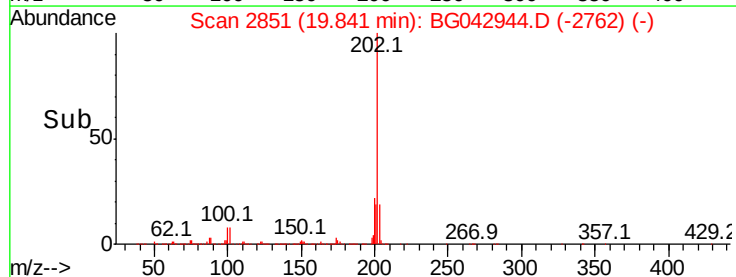
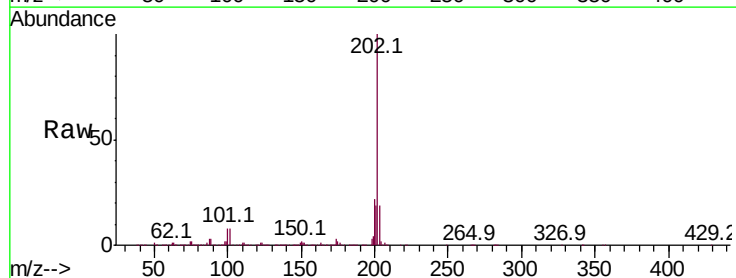
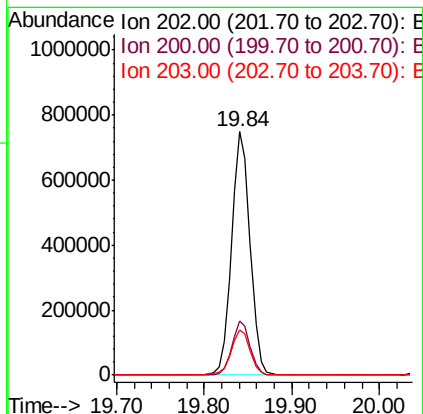
RT: 19.84 min Scan# 2851

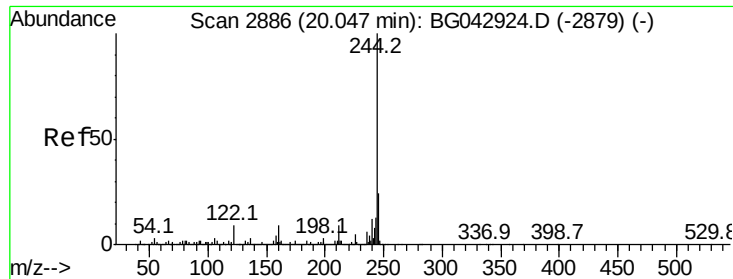
Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion:	202	Resp:	1076447
Ion Ratio	Lower	Upper	
202	100		
200	22.3	17.6	26.4
203	18.5	15.2	22.8





#79

Terphenyl-d14

Concen: 65.833 ng

RT: 20.04 min Scan# 2885

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

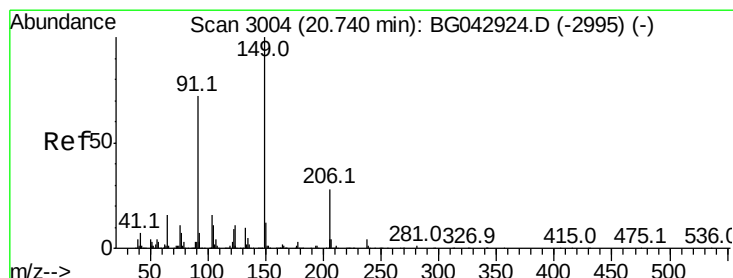
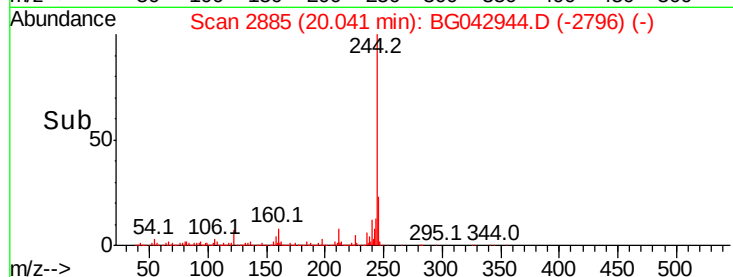
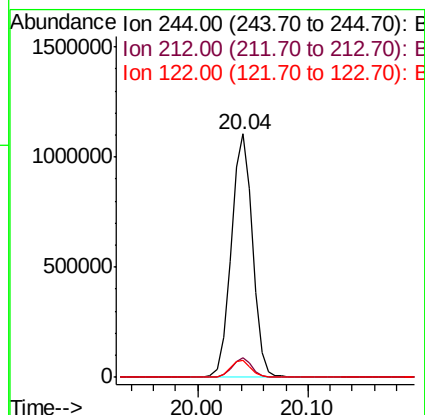
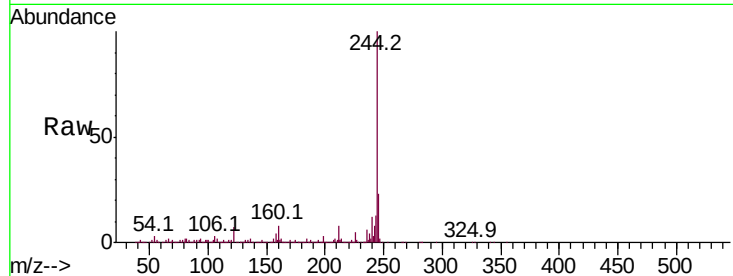
ClientSampleId :

20190708-RR-COMPOSITE-8MSD

Tot Ion:	244	Resp:	1487223
Ion	Ratio	Lower	Upper
244	100		
212	8.2	7.4	11.0
122	7.2	7.0	10.4

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#80

Butylbenzylphthalate

Concen: 36.544 ng

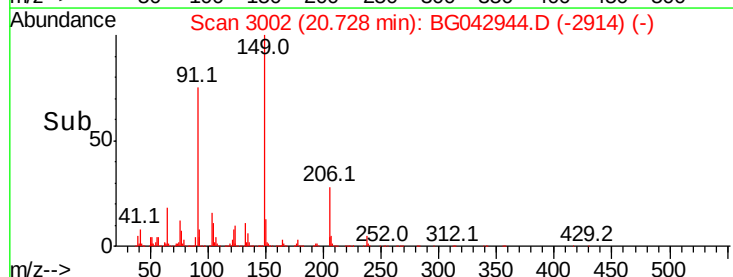
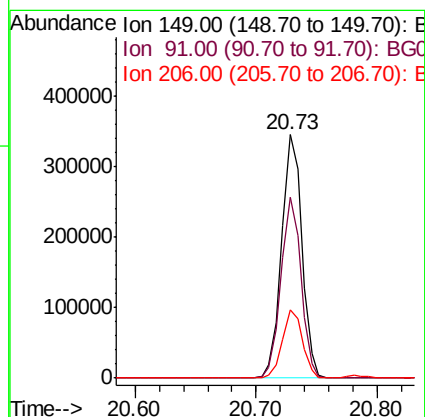
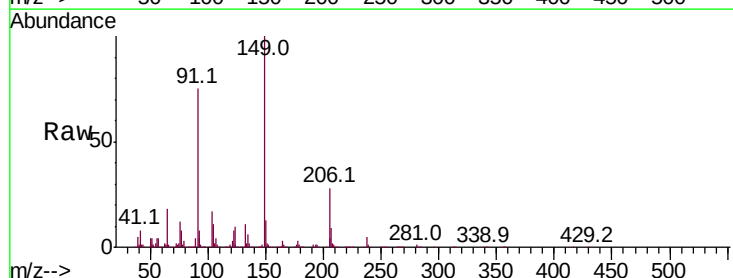
RT: 20.73 min Scan# 3002

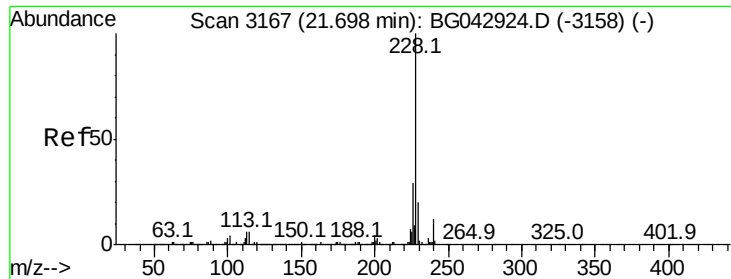
Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion:	149	Resp:	398549
Ion	Ratio	Lower	Upper
149	100		
91	74.5	57.7	86.5
206	28.1	22.6	33.8





#81

Benzo(a)anthracene

Concen: 36.843 ng

RT: 21.69 min Scan# 3165

Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Instrument :

BNA_G

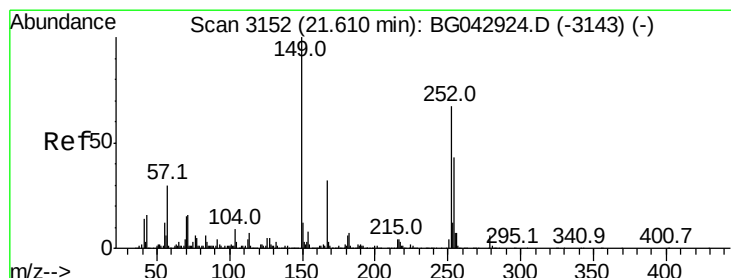
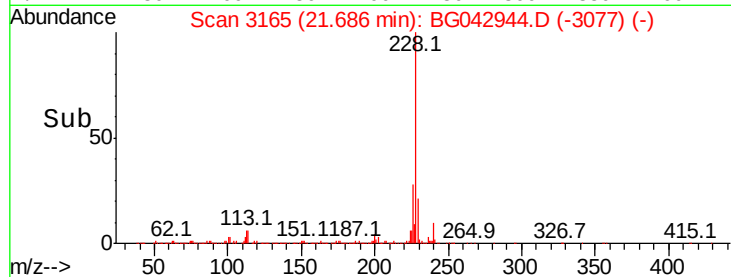
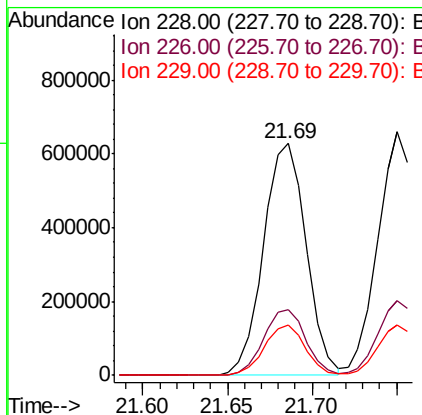
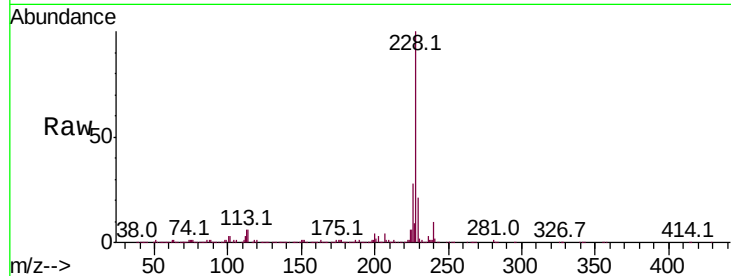
ClientSampleId :

20190708-RR-COMPOSITE-8MSD

Tot Ion:	228	Resp:	1105107
Ion	Ratio	Lower	Upper
228	100		
226	28.5	23.0	34.4
229	21.5	16.3	24.5

Manual Integrations
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#82

3,3'-Dichlorobenzidine

Concen: 15.683 ng

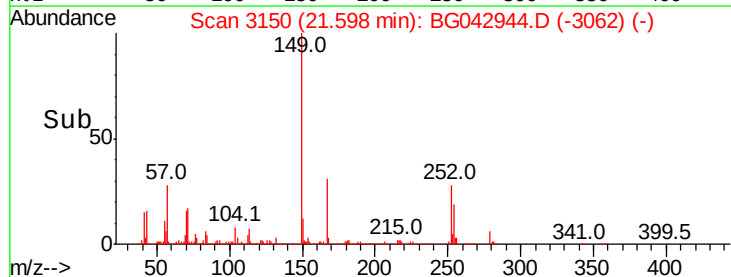
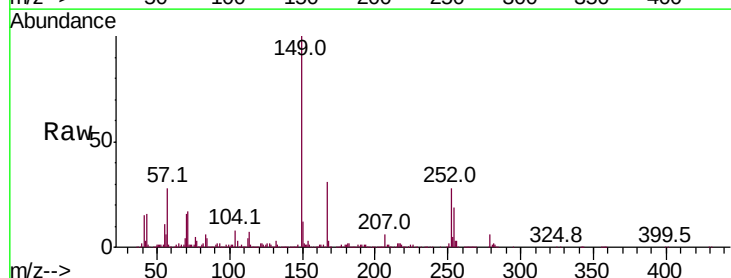
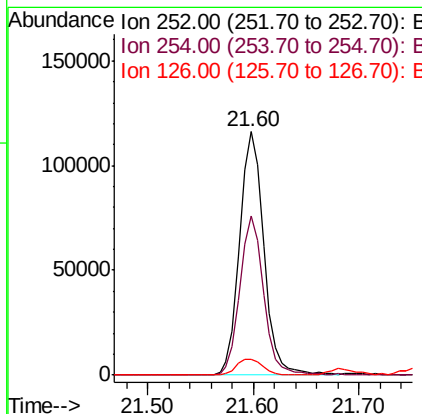
RT: 21.60 min Scan# 3150

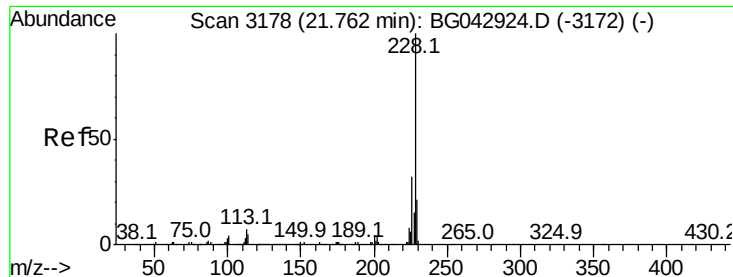
Delta R.T. -0.01 min

Lab File: BG042944.D

Acq: 30 Sep 2019 15:44

Tgt Ion:	252	Resp:	184497
Ion	Ratio	Lower	Upper
252	100		
254	65.1	51.9	77.9
126	6.3	6.1	9.1





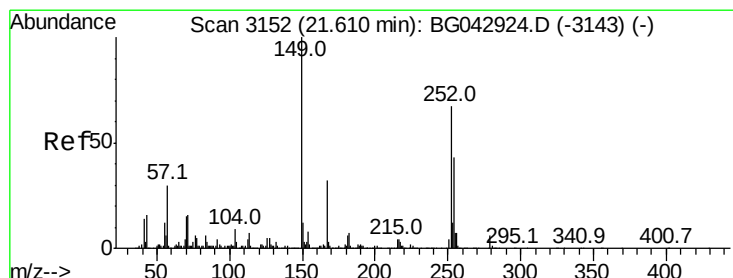
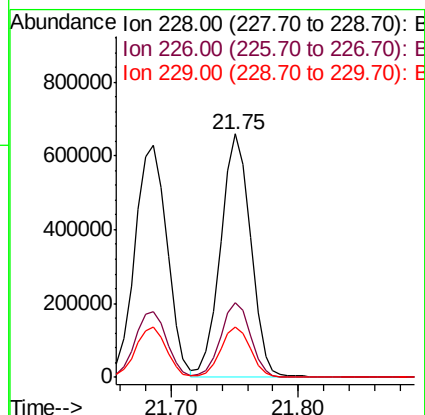
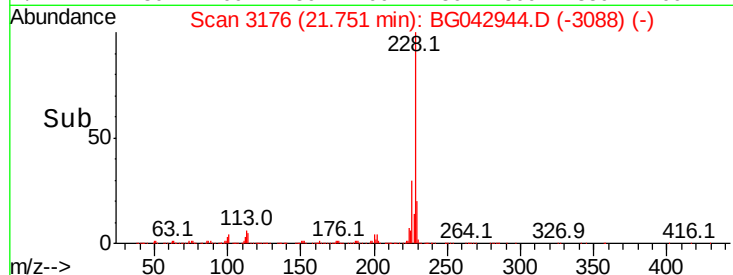
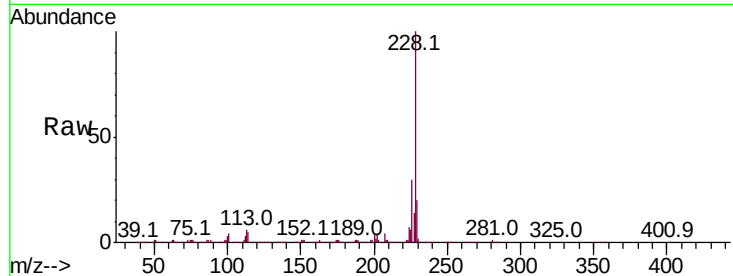
#83
 Chrysene
 Concen: 37.197 ng
 RT: 21.75 min Scan# 3176
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Instrument :
 BNA_G
 ClientSampleId :
 20190708-RR-COMPOSITE-8MSD

Tot Ion:	228	Resp:	1082728
Ion	Ratio	Lower	Upper
228	100		
226	30.4	25.6	38.4
229	20.4	16.9	25.3

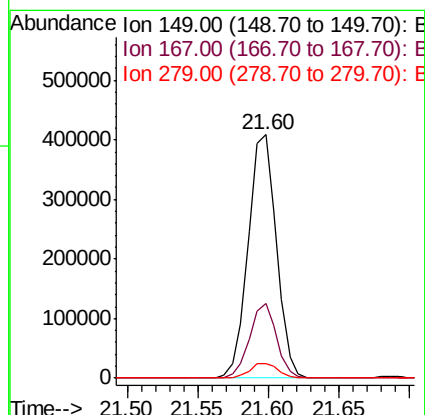
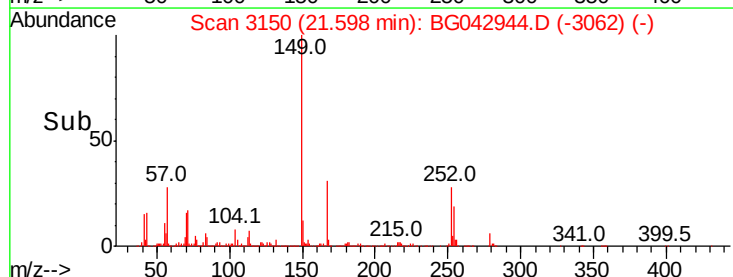
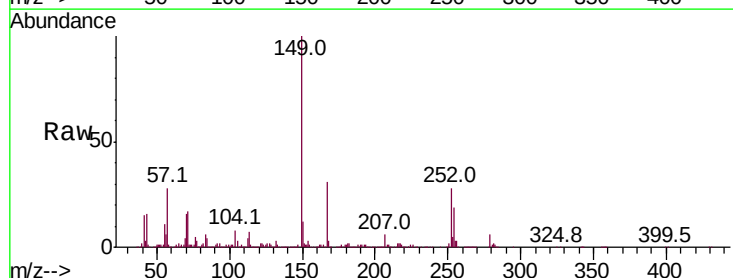
Manual Integrations
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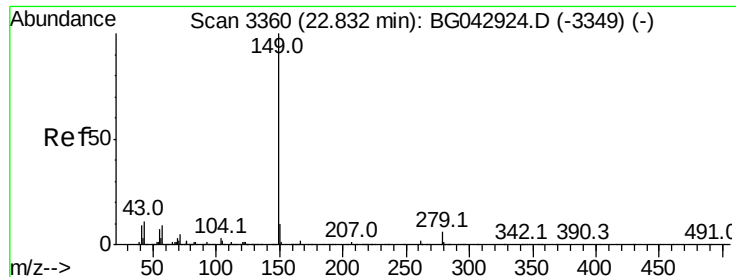
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 36.897 ng
 RT: 21.60 min Scan# 3150
 Delta R.T. -0.01 min
 Lab File: BG042944.D
 Acq: 30 Sep 2019 15:44

Tgt Ion:	149	Resp:	572587
Ion	Ratio	Lower	Upper
149	100		
167	30.6	25.4	38.2
279	6.0	5.1	7.7





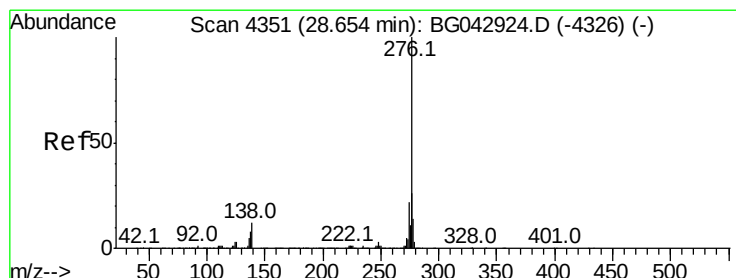
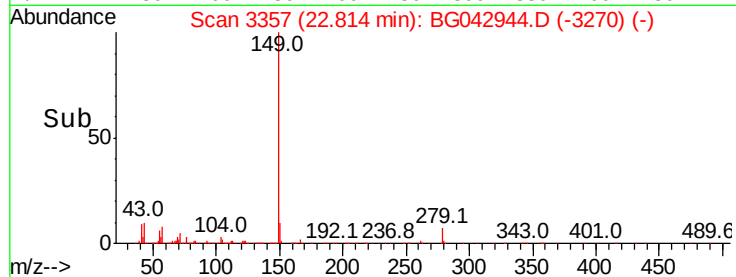
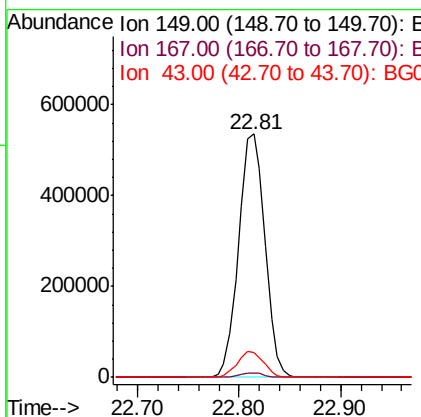
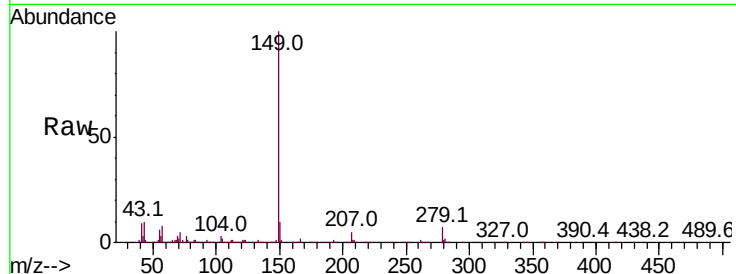
#85
Di-n-octyl phthalate
Concen: 37.977 ng
RT: 22.81 min Scan# 3357
Delta R.T. -0.02 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.9	1.4	2.0	
43	10.6	8.7	13.1	

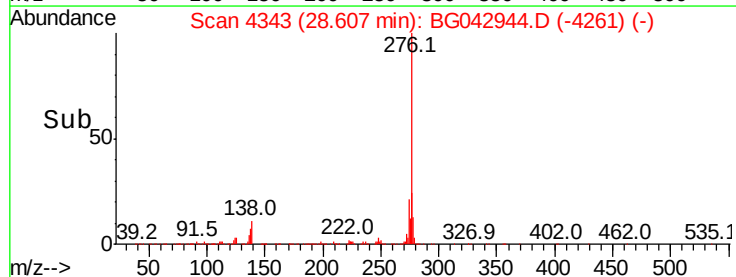
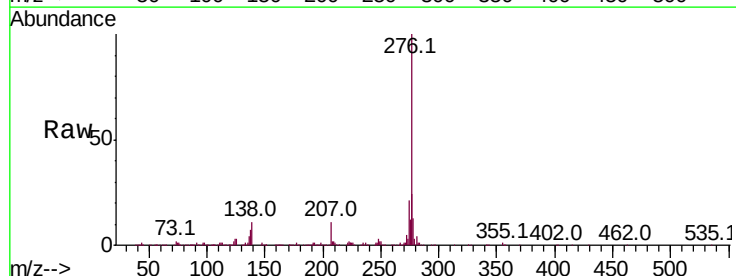
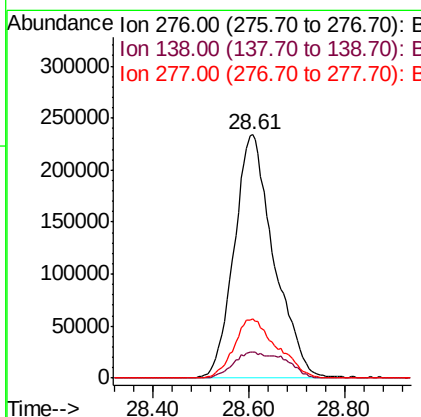
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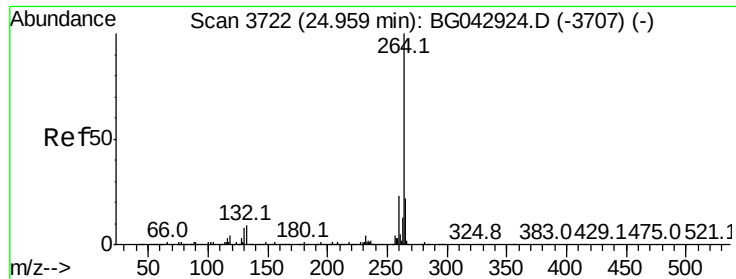
mohammad
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#86
Indeno(1,2,3-cd)pyrene
Concen: 37.132 ng
RT: 28.61 min Scan# 4343
Delta R.T. -0.05 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Resp	Lower	Upper
276	100			
138	8.5	7.0	10.6	
277	26.3	20.9	31.3	





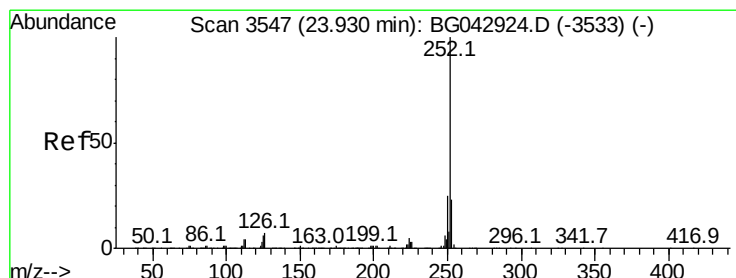
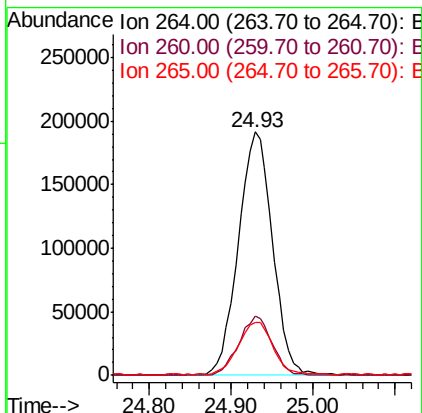
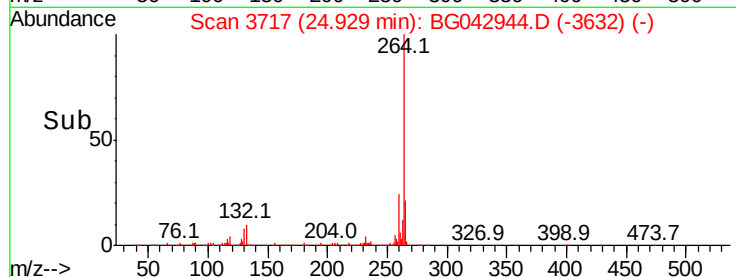
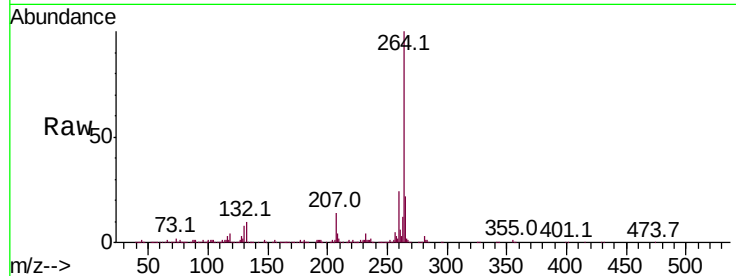
#87
Pervlene-d12
Concen: 20.000 ng
RT: 24.93 min Scan# 3717
Delta R.T. -0.03 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MSD

Tot Ion:	264	Resp:	556902
Ion Ratio	Lower	Upper	
264	100		
260	24.2	18.7	28.1
265	21.6	17.7	26.5

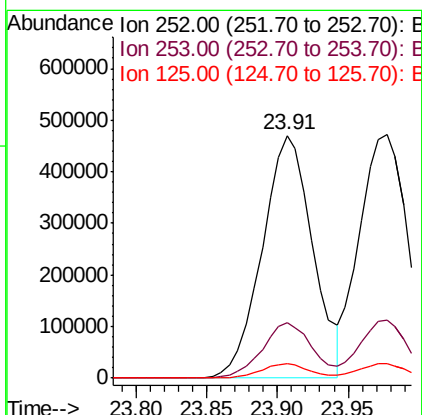
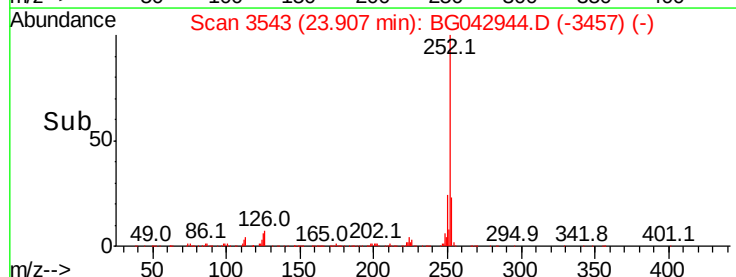
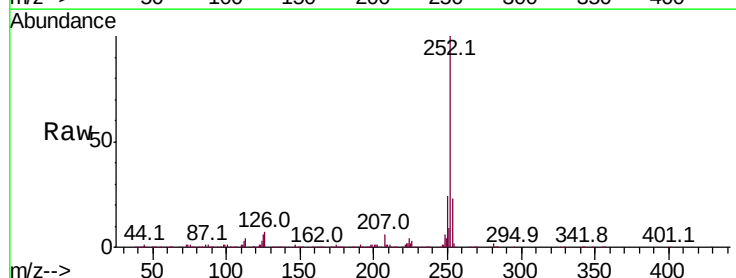
Manual Integrations
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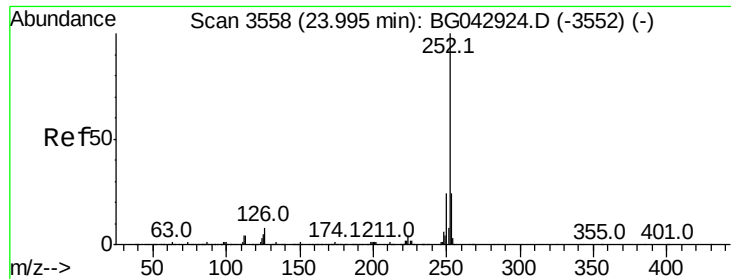
mohammad
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#88
Benzo(b)fluoranthene
Concen: 37.293 ng
RT: 23.91 min Scan# 3543
Delta R.T. -0.02 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion:	252	Resp:	1175154
Ion Ratio	Lower	Upper	
252	100		
253	22.7	18.2	27.2
125	5.7	4.6	7.0





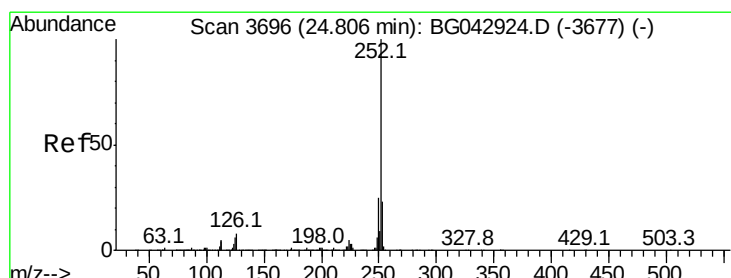
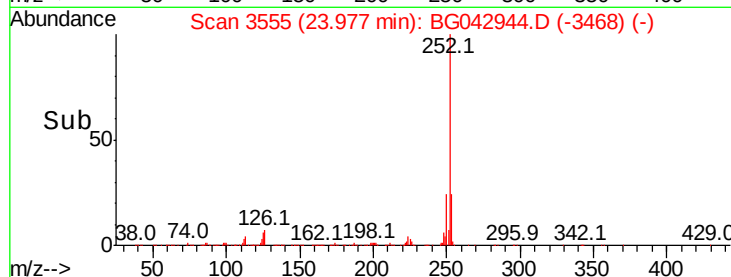
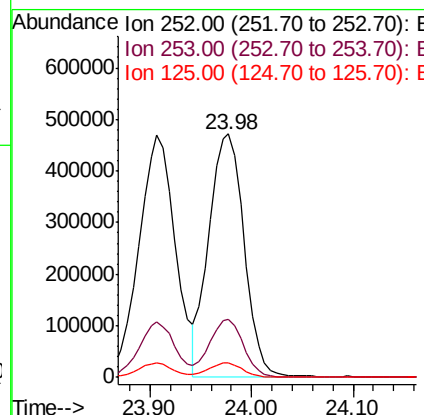
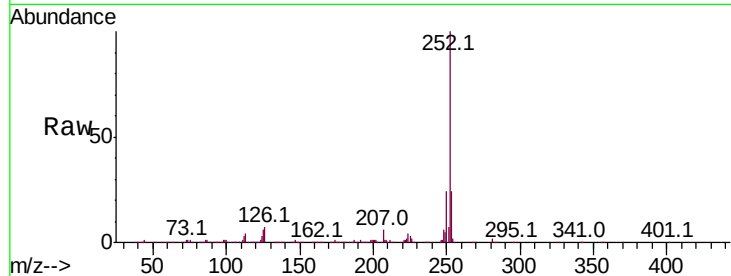
#89
Benzo(k)fluoranthene
Concen: 36.350 ng
RT: 23.98 min Scan# 3555
Delta R.T. -0.02 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	24.0	18.9	28.3
125	5.8	4.5	6.7

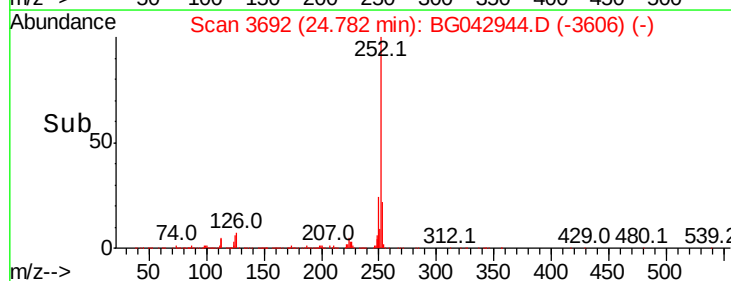
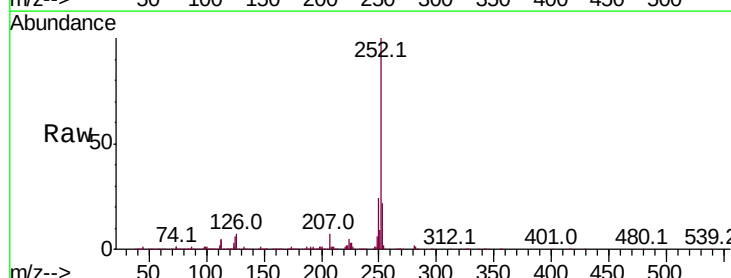
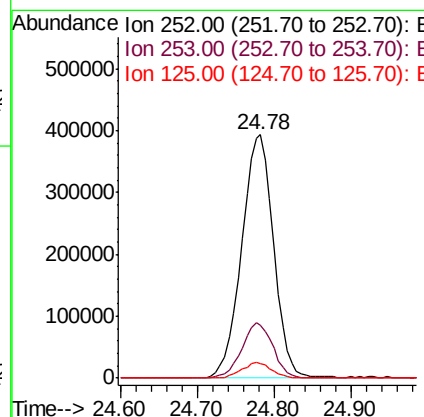
Manual Integrations
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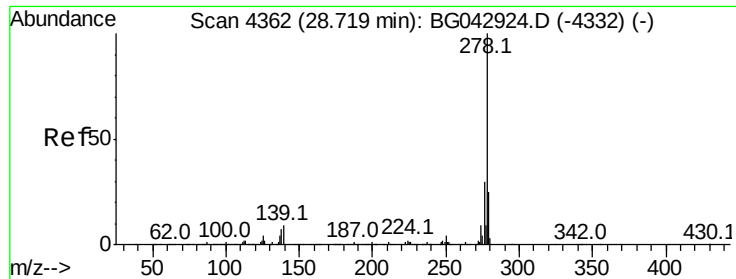
mohammad
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#90
Benzo(a)pyrene
Concen: 38.270 ng
RT: 24.78 min Scan# 3692
Delta R.T. -0.02 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.2	27.4
125	5.9	5.0	7.6





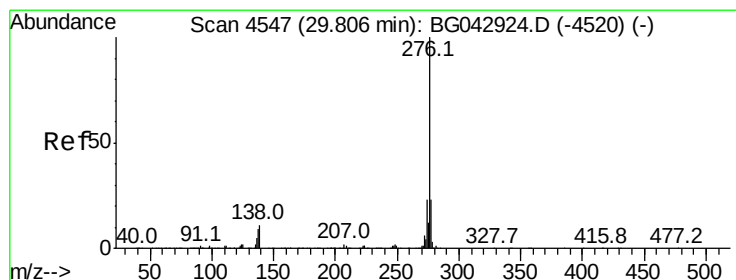
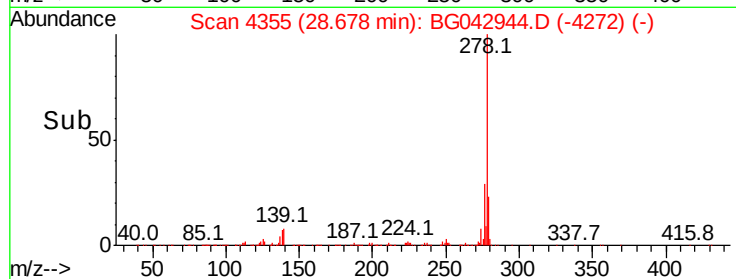
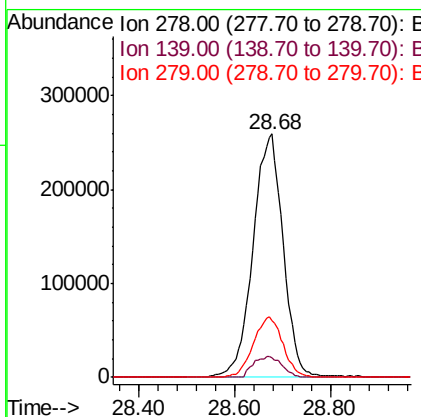
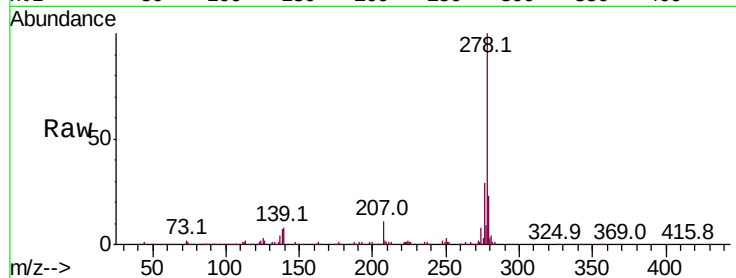
#91
Dibenzo(a,h)anthracene
Concen: 37.122 ng
RT: 28.68 min Scan# 4355
Delta R.T. -0.04 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Instrument :
BNA_G
ClientSampleId :
20190708-RR-COMPOSITE-8MSD

Tot Ion:278 Resp: 1131660
Ion Ratio Lower Upper
278 100
139 7.9 6.8 10.2
279 23.4 20.1 30.1

Manual Integrations
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mohammad
10/2/2019 8:33:16 AM



#92
Benzo(g,h,i)perylene
Concen: 38.003 ng
RT: 29.75 min Scan# 4537
Delta R.T. -0.06 min
Lab File: BG042944.D
Acq: 30 Sep 2019 15:44

Tgt Ion:276 Resp: 1122530
Ion Ratio Lower Upper
276 100
277 23.5 18.4 27.6
138 11.5 8.6 12.8

