

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103119\
 Data File : BG043437.D
 Acq On : 31 Oct 2019 17:06
 Operator : JU
 Sample : K5497-05MS
 Misc :
 ALS Vial : 4 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 169-32-(0-1)MS

Manual Integrations
 APPROVED

mohammad
 11/1/2019 2:05:11 PM

Quant Time: Nov 01 04:59:45 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Oct 21 16:37:43 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.02	152	49513	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	186365	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	135219	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	309532	20.00	ng	0.00
76) Chrysene-d12	21.67	240	337812	20.00	ng	0.00
87) Perylene-d12	24.86	264	401136	20.00	ng	0.00

System Monitoring Compounds						
5) 2-Fluorophenol	5.61	112	313210	115.92	ng	0.00
7) Phenol-d6	7.21	99	458928	118.05	ng	0.00
23) Nitrobenzene-d5	9.19	82	269742	74.62	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	270363	105.07	ng	0.00
45) 2-Fluorobiphenyl	13.28	172	616722	63.02	ng	0.00
79) Terphenyl-d14	20.00	244	1044264	57.99	ng	0.00

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.49	88	40000	37.988	ng	# 93
3) Pyridine	3.89	79	99165	37.335	ng	99
4) n-Nitrosodimethylamine	3.80	42	61155	45.628	ng	# 88
6) Aniline	7.35	93	155160	34.647	ng	98
8) 2-Chlorophenol	7.59	128	142209	47.678	ng	98
9) Benzaldehyde	7.16	77	71738	37.549	ng	89
10) Phenol	7.24	94	177607	49.996	ng	96
11) bis(2-Chloroethyl)ether	7.44	93	110878	40.370	ng	91
12) 1,3-Dichlorobenzene	7.91	146	156382	41.846	ng	92
13) 1,4-Dichlorobenzene	8.06	146	159801	42.264	ng	99
14) 1,2-Dichlorobenzene	8.38	146	151123	40.935	ng	98
15) Benzyl Alcohol	8.27	79	125561	45.989	ng	99
16) 2,2'-oxybis(1-Chloropropan	8.55	45	158169	39.605	ng	98
17) 2-Methylphenol	8.48	107	118689	45.831	ng	94
18) Hexachloroethane	9.11	117	55714	40.842	ng	99
19) n-Nitroso-di-n-propylamine	8.82	70	102808	40.926	ng	98
20) 3+4-Methylphenols	8.81	107	157247	44.280	ng	94
22) Acetophenone	8.85	105	201482	42.216	ng	98
24) Nitrobenzene	9.23	77	154231	44.788	ng	97
25) Isophorone	9.75	82	291513	44.108	ng	98
26) 2-Nitrophenol	9.94	139	77747	46.765	ng	95
27) 2,4-Dimethylphenol	10.01	122	129402	54.306	ng	98
28) bis(2-Chloroethoxy)methane	10.23	93	160791	44.081	ng	96
29) 2,4-Dichlorophenol	10.48	162	150607	49.330	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	166971	43.392	ng	97
31) Naphthalene	10.88	128	430392	45.497	ng	98
32) Benzoic acid	10.19	122	72783	41.511	ng	97
33) 4-Chloroaniline	11.00	127	76709	19.782	ng	96
34) Hexachlorobutadiene	11.17	225	116503	40.957	ng	94
35) Caprolactam	11.77	113	47239m	44.926	ng	
36) 4-Chloro-3-methylphenol	12.12	107	157376	47.256	ng	99
37) 2-Methylnaphthalene	12.48	142	328174	45.213	ng	98
38) 1-Methylnaphthalene	12.70	142	311294	45.075	ng	99
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	212990	42.562	ng	98

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	264211	100.508	nq	97
43) 2,4,6-Trichlorophenol	13.09	196	139162	47.221	nq	96
44) 2,4,5-Trichlorophenol	13.18	196	144863	48.621	nq	98
46) 1,1'-Biphenyl	13.49	154	434738	42.262	nq	98
47) 2-Chloronaphthalene	13.53	162	337724	43.149	nq	97
48) 2-Nitroaniline	13.74	65	103538	44.261	nq	97
49) Acenaphthylene	14.37	152	545677	44.796	nq	98
50) Dimethylphthalate	14.11	163	512384	48.921	nq	99
51) 2,6-Dinitrotoluene	14.23	165	101451	44.586	nq	94
52) Acenaphthene	14.72	154	325929	43.875	nq	97
53) 3-Nitroaniline	14.56	138	59386	27.033	nq	# 88
54) 2,4-Dinitrophenol	14.77	184	114953	80.821	nq	97
55) Dibenzofuran	15.05	168	528941	43.907	nq	99
56) 4-Nitrophenol	14.90	139	152374	103.503	nq	95
57) 2,4-Dinitrotoluene	15.01	165	147107	45.239	nq	94
58) Fluorene	15.70	166	447273	44.268	nq	98
59) 2,3,4,6-Tetrachlorophenol	15.29	232	147967	46.744	nq	# 99
60) Diethylphthalate	15.47	149	441327	41.936	nq	97
61) 4-Chlorophenyl-phenylether	15.69	204	259829	44.082	nq	98
62) 4-Nitroaniline	15.73	138	95538	42.110	nq	96
63) Azobenzene	15.98	77	376864	44.248	nq	97
65) 4,6-Dinitro-2-methylphenol	15.78	198	90196	49.515	nq	95
66) n-Nitrosodiphenylamine	15.90	169	393745	45.057	nq	99
67) 4-Bromophenyl-phenylether	16.58	248	183387	44.024	nq	99
68) Hexachlorobenzene	16.71	284	204942	42.861	nq	98
69) Atrazine	16.85	200	168984	55.650	nq	94
70) Pentachlorophenol	17.05	266	223944	102.784	nq	97
71) Phenanthrene	17.44	178	723968	45.675	nq	99
72) Anthracene	17.53	178	732458	46.187	nq	100
73) Carbazole	17.80	167	661540	46.065	nq	98
74) Di-n-butylphthalate	18.35	149	765607	43.937	nq	99
75) Fluoranthene	19.44	202	953496	46.143	nq	98
77) Benzidine	19.63	184	476609	70.104	nq	99
78) Pyrene	19.81	202	967651	46.277	nq	98
80) Butylbenzylphthalate	20.69	149	351751	44.402	nq	99
81) Benzo(a)anthracene	21.64	228	975431	46.097	nq	99
82) 3,3'-Dichlorobenzidine	21.56	252	245028	29.938	nq	99
83) Chrysene	21.71	228	944426	44.921	nq	97
84) Bis(2-ethylhexyl)phthalate	21.55	149	507614	45.108	nq	98
85) Di-n-octyl phthalate	22.75	149	887972	46.510	nq	100
86) Indeno(1,2,3-cd)pyrene	28.52	276	1263864	47.890	nq	99
88) Benzo(b)fluoranthene	23.85	252	1037962	45.687	nq	98
89) Benzo(k)fluoranthene	23.92	252	1041332	45.530	nq	98
90) Benzo(a)pyrene	24.72	252	977892	45.074	nq	100
91) Dibenzo(a,h)anthracene	28.58	278	1044123	47.052	nq	99
92) Benzo(g,h,i)perylene	29.65	276	1056075	48.247	nq	99

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



#1

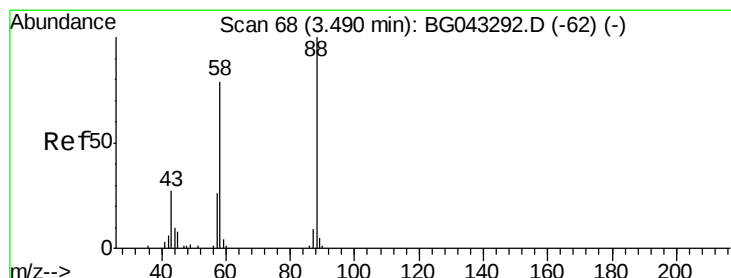
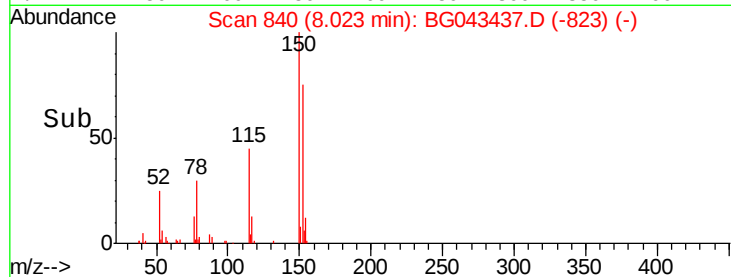
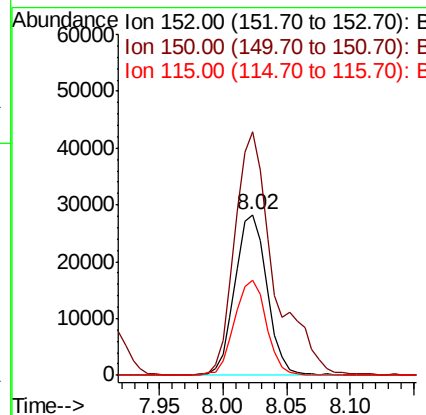
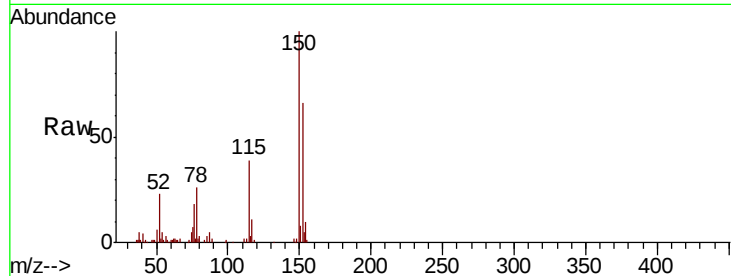
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 840
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.4	113.6	170.4
115	59.5	45.9	68.9

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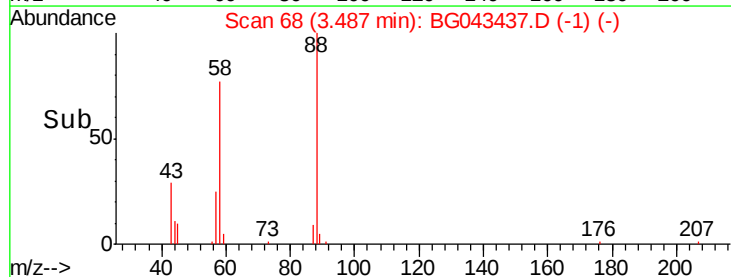
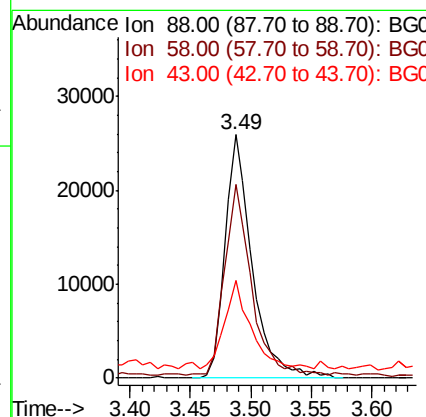
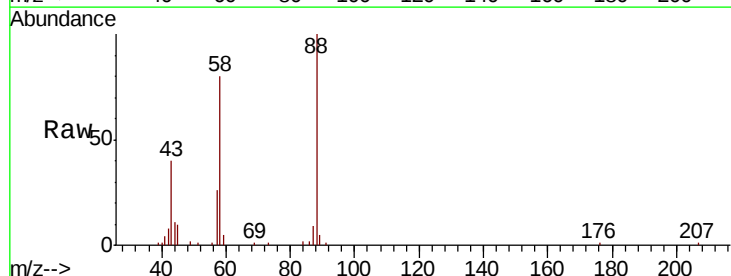
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#2

1,4-Dioxane
Concen: 37.988 ng
RT: 3.49 min Scan# 68
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
88	100		
58	78.7	60.2	90.2
43	35.6	22.7	34.1#





#3

Pvridine

Concen: 37.335 ng

RT: 3.89 min Scan# 136

Delta R.T. -0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

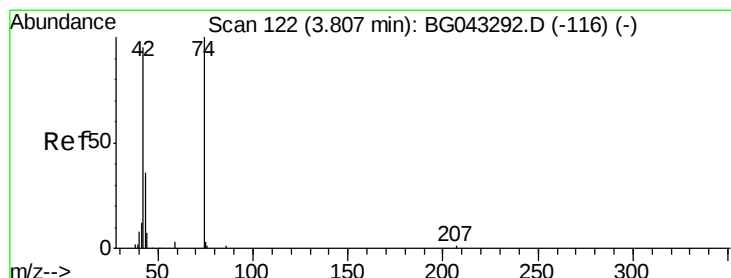
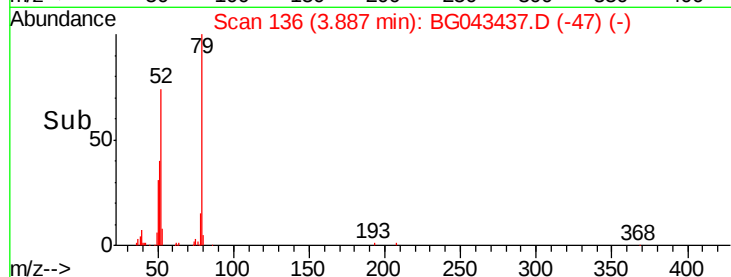
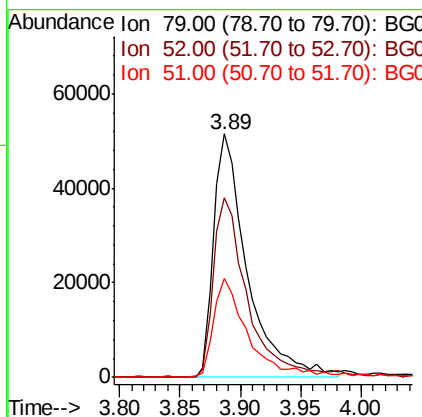
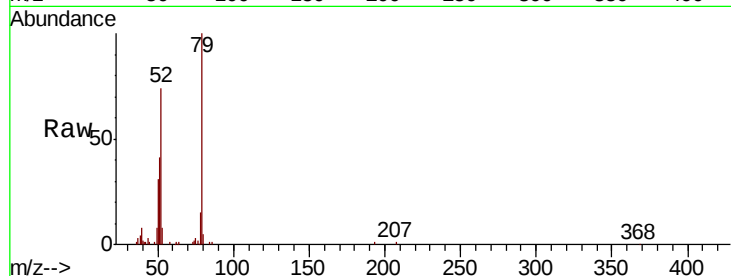
ClientSampleId :

169-32-(0-1)MS

Tot Ion:	79	Resp:	99165
Ion	Ratio	Lower	Upper
79	100		
52	73.9	59.7	89.5
51	40.7	31.8	47.6

Manual Integrations
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#4

n-Nitrosodimethylamine

Concen: 45.628 ng

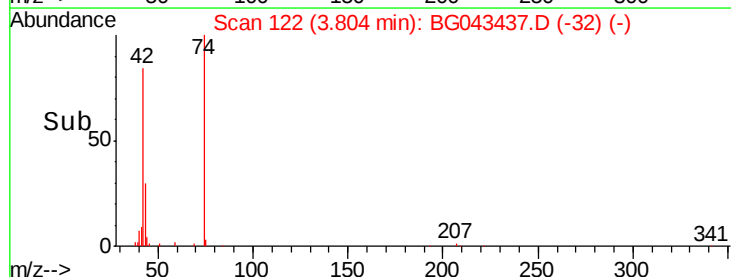
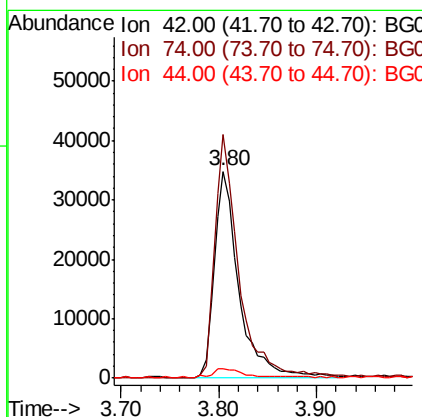
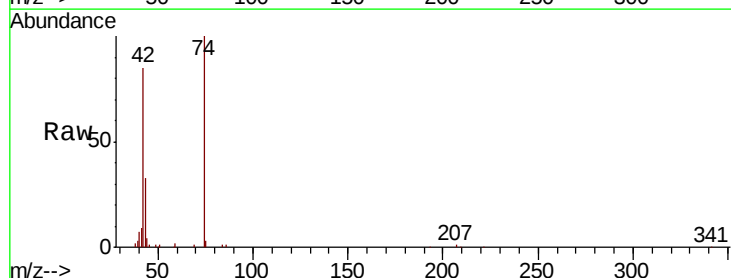
RT: 3.80 min Scan# 122

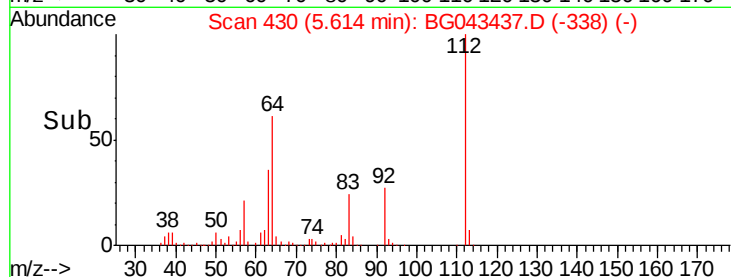
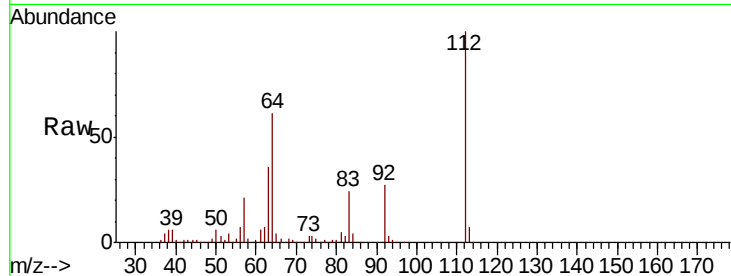
Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Tgt Ion:	42	Resp:	61155
Ion	Ratio	Lower	Upper
42	100		
74	117.5	84.2	126.2
44	4.7	6.0	9.0





#5

2-Fluorophenol

Concen: 115.917 ng

RT: 5.61 min Scan# 430

Delta R.T. 0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Tot Ion	Ratio	Resp	Lower	Upper
112	100	313210		
64	61.3	50.2	75.2	
63	35.6	26.7	40.1	

Instrument :

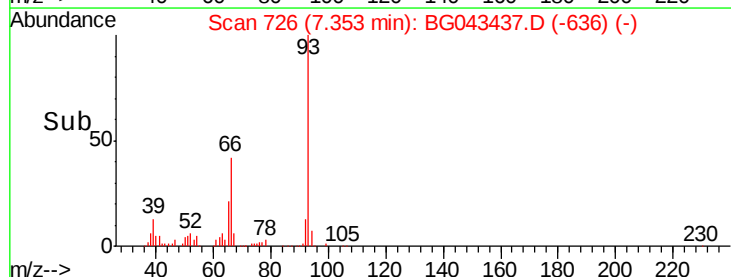
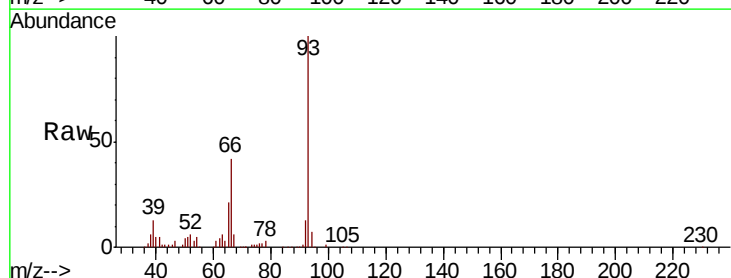
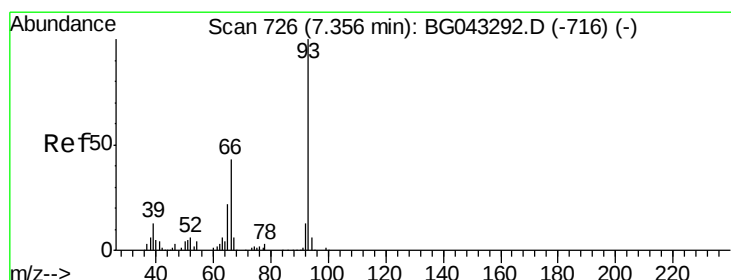
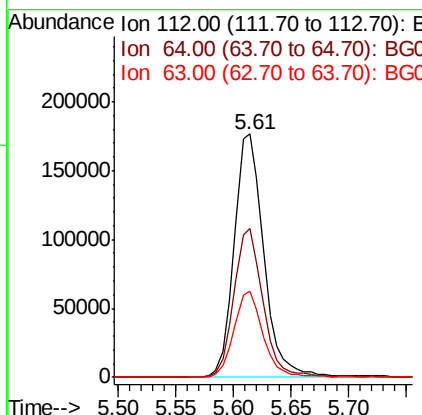
BNA_G

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#6

Aniline

Concen: 34.647 ng

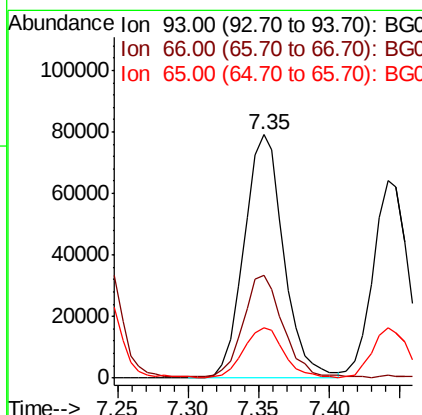
RT: 7.35 min Scan# 726

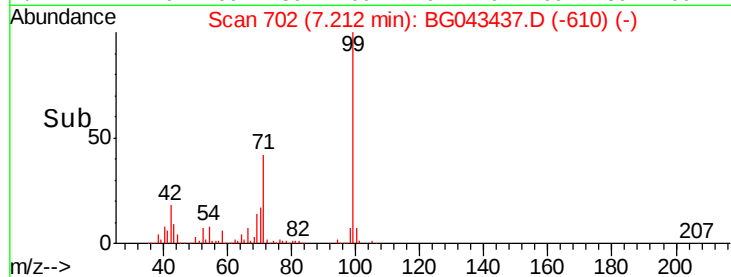
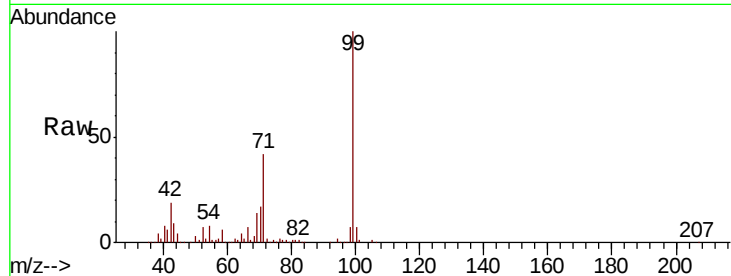
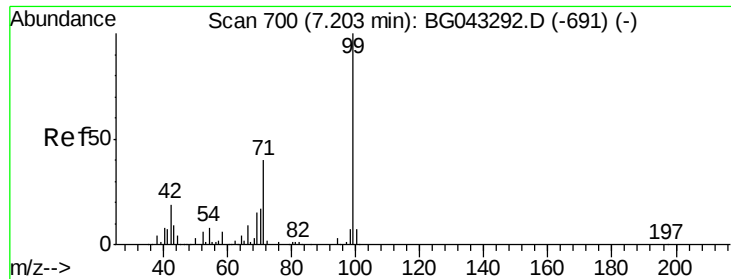
Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	155160		
66	42.0	34.5	51.7	
65	20.9	18.0	27.0	





#7

Phenol-d6

Concen: 118.050 ng

RT: 7.21 min Scan# 702

Delta R.T. 0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Tot Ion	Ion	Ratio	Resp	Lower	Upper
99	100		458928		
42	18.6	14.9	22.3		
71	41.7	32.2	48.2		

Instrument :

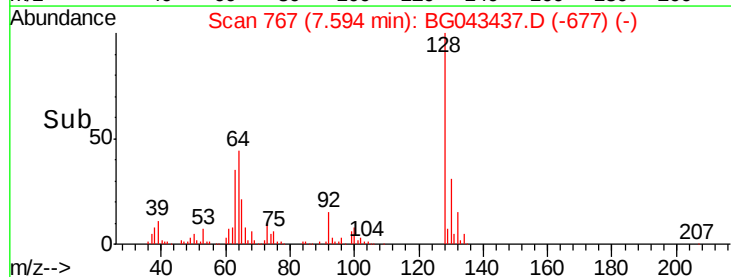
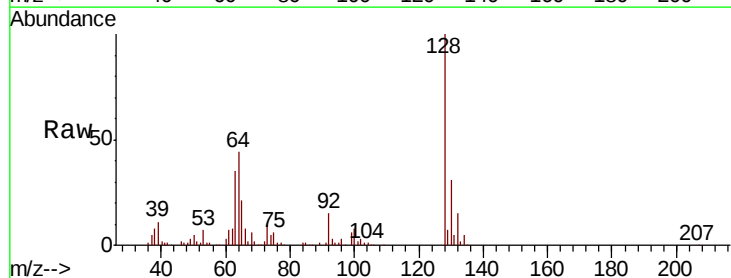
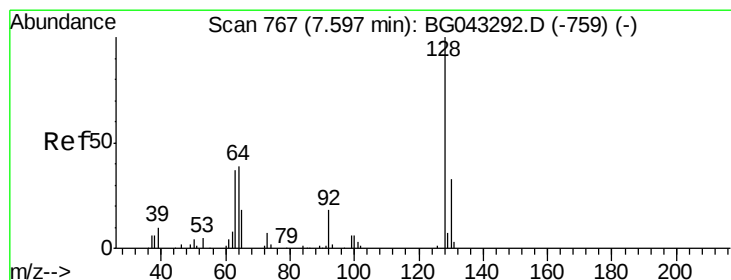
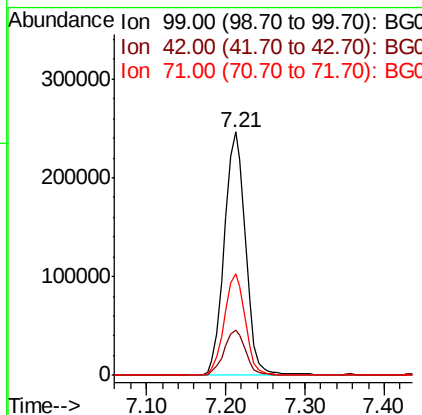
BNA_G

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169-32-(0-1)MS

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#8

2-Chlorophenol

Concen: 47.678 ng

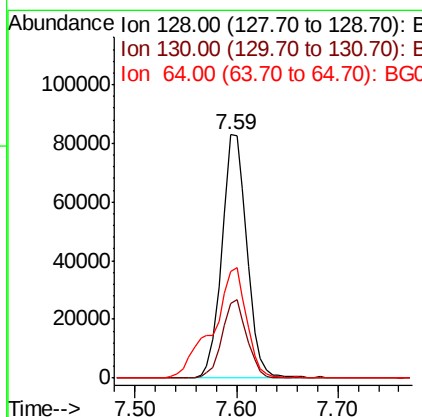
RT: 7.59 min Scan# 767

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
128	100		142209		
130	30.9	12.9	52.9		
64	44.0	24.9	64.9		





#9

Benzaldehyde

Concen: 37.549 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

ClientSampleId :

169-32-(0-1)MS

Tot Ion: 77 Resp: 71738

Ion Ratio Lower Upper

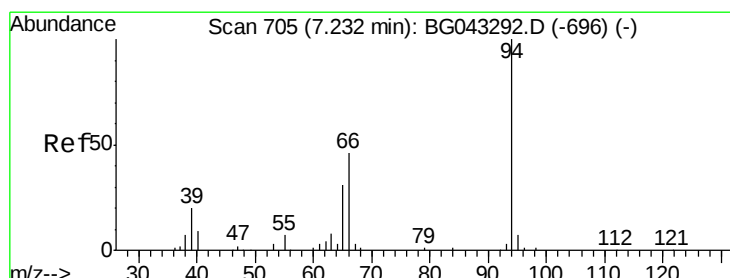
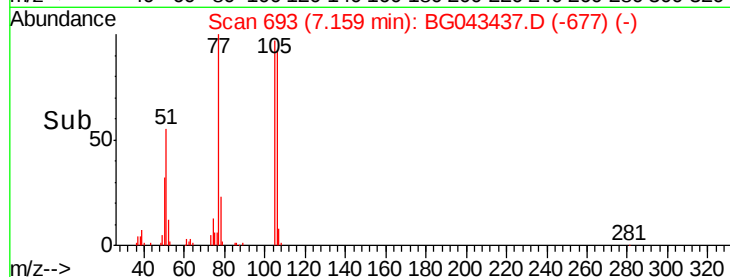
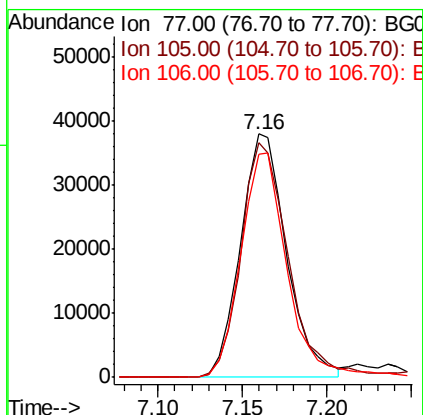
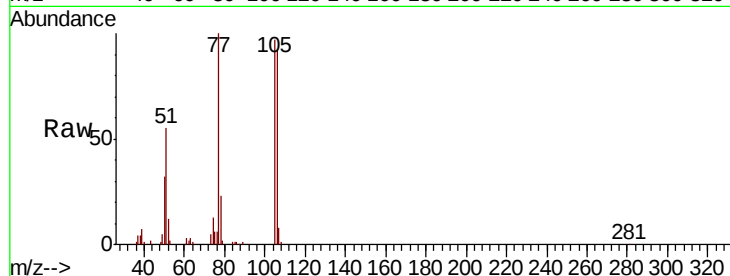
77 100

105 96.6 68.7 108.7

106 91.8 60.5 100.5

Manual Integrations
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#10

Phenol

Concen: 49.996 ng

RT: 7.24 min Scan# 706

Delta R.T. 0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

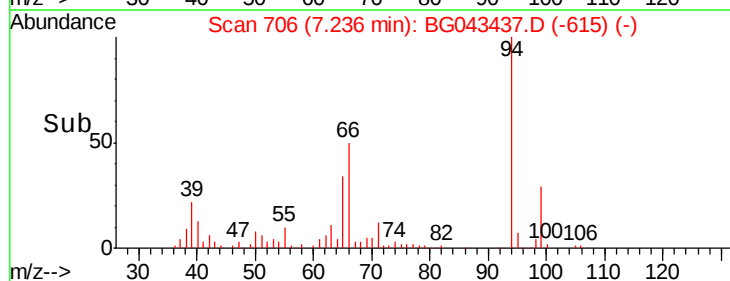
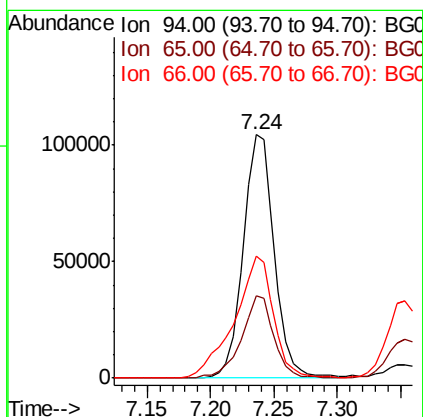
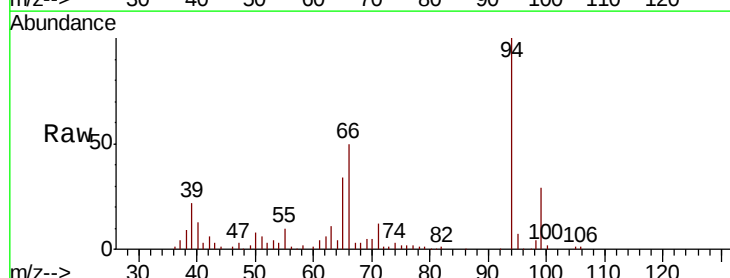
Tgt Ion: 94 Resp: 177607

Ion Ratio Lower Upper

94 100

65 34.0 11.1 51.1

66 50.2 27.8 67.8





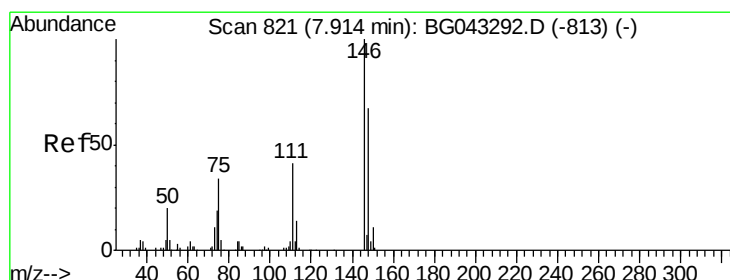
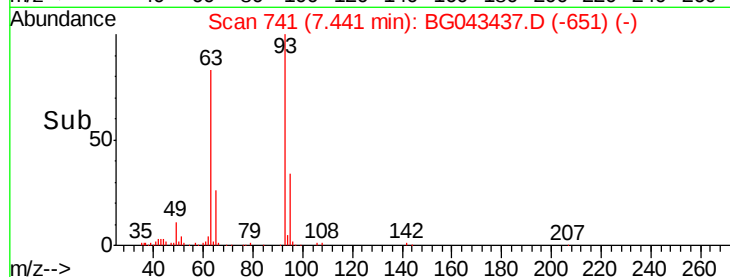
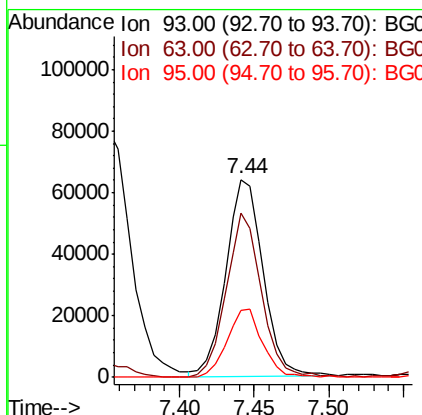
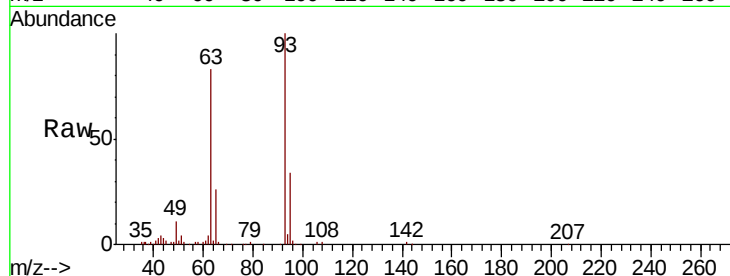
#11
bis(2-Chloroethyl)ether
Concen: 40.370 ng
RT: 7.44 min Scan# 741
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
93	100		110878		
63	82.9	54.6		94.6	
95	34.1	9.7		49.7	

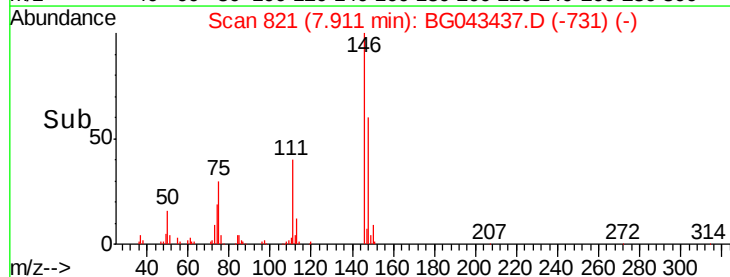
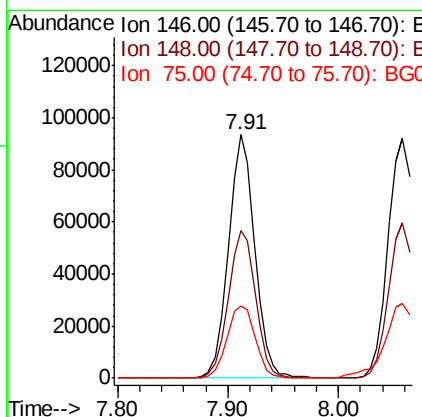
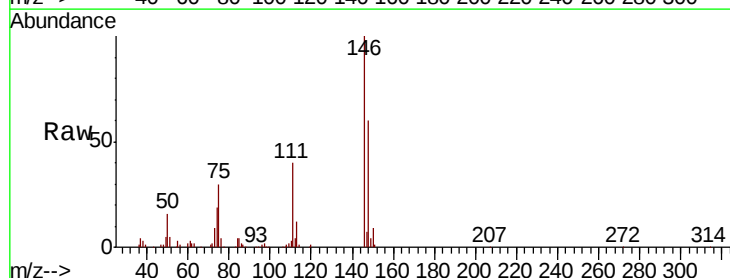
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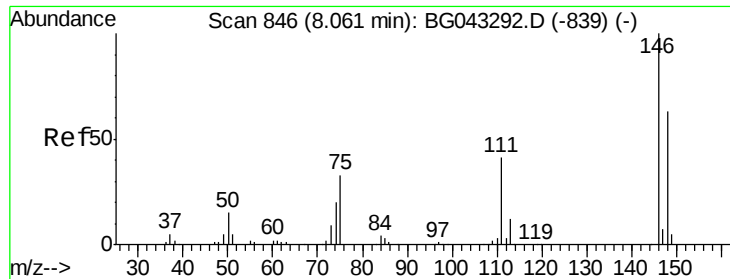
mohammad
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#12
1,3-Dichlorobenzene
Concen: 41.846 ng
RT: 7.91 min Scan# 821
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
146	100		156382		
148	60.5	53.4		80.2	
75	29.8	27.0		40.4	





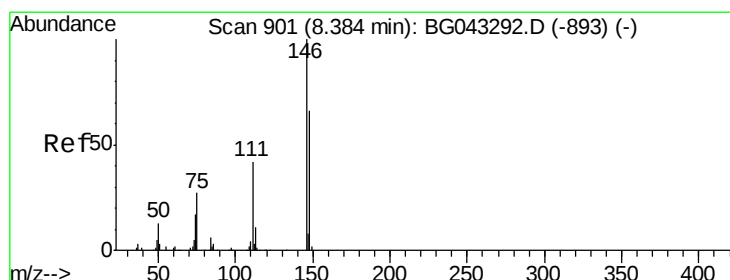
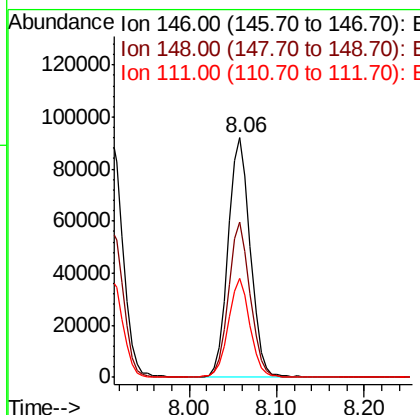
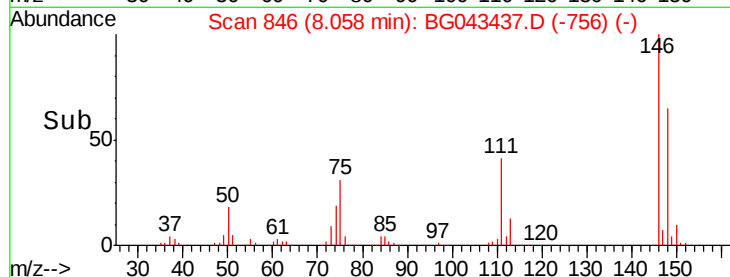
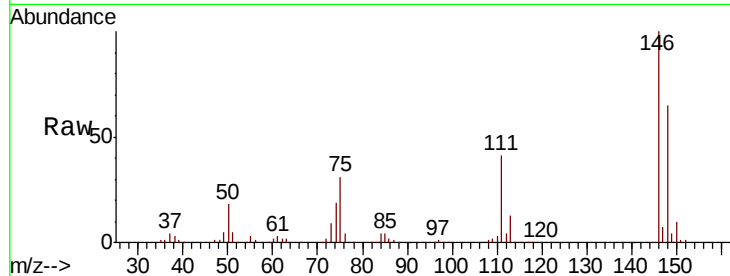
#13
 1,4-Dichlorobenzene
 Concen: 42.264 ng
 RT: 8.06 min Scan# 846
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Instrument :
 BNA_G
 ClientSampleId :
 169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
146	100		
148	64.7	50.7	76.1
111	41.1	33.0	49.6

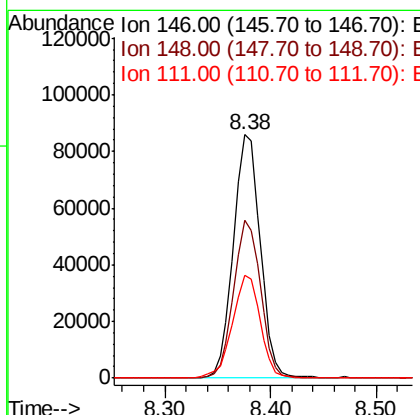
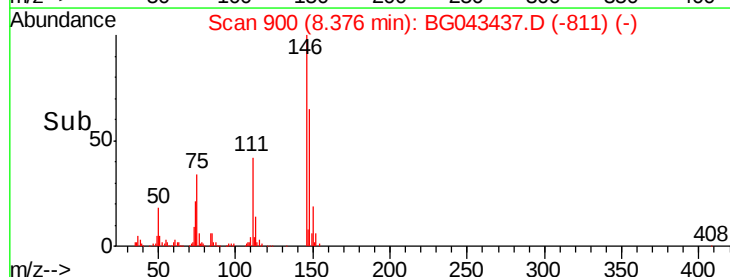
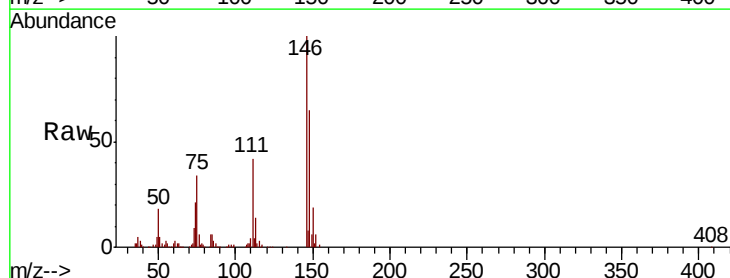
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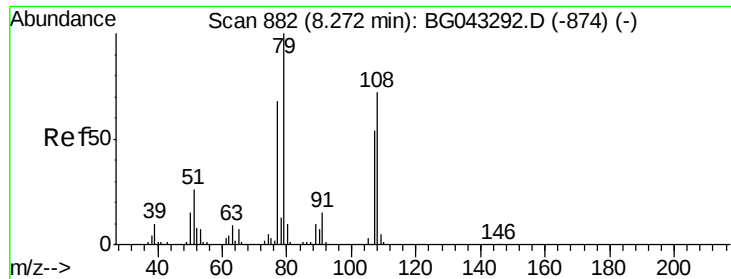
mohammad
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#14
 1,2-Dichlorobenzene
 Concen: 40.935 ng
 RT: 8.38 min Scan# 900
 Delta R.T. -0.01 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
146	100		
148	64.6	53.0	79.4
111	42.2	34.5	51.7





#15

Benzyl Alcohol

Concen: 45.989 ng

RT: 8.27 min Scan# 882

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

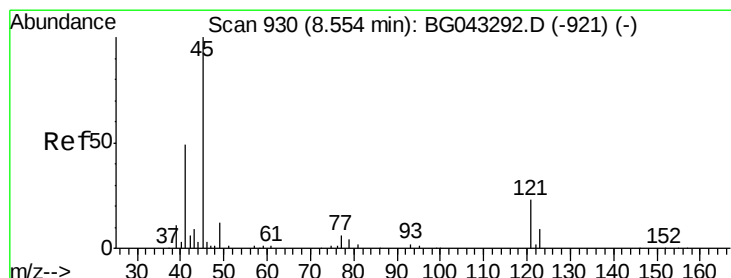
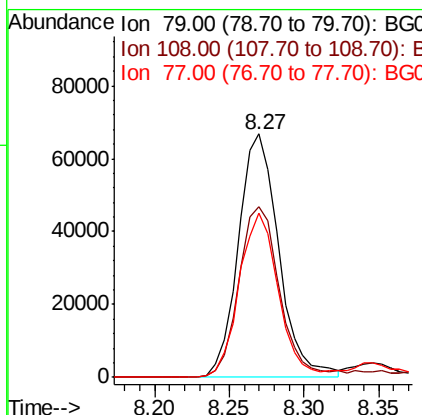
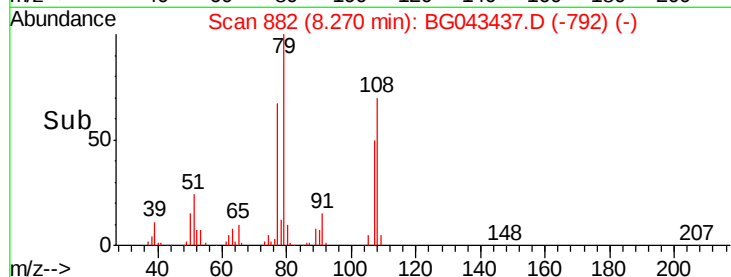
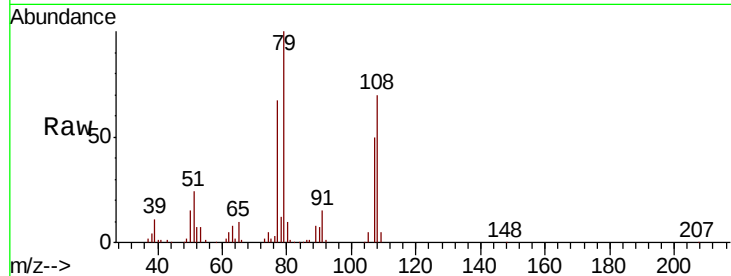
ClientSampleId :

169-32-(0-1)MS

Tot Ion:	79	Resp:	125561
Ion Ratio	Lower	Upper	
79	100		
108	70.2	57.3	85.9
77	67.4	54.6	81.8

Manual Integrations
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#16

2,2'-oxybis(1-Chloropropane)

Concen: 39.605 ng

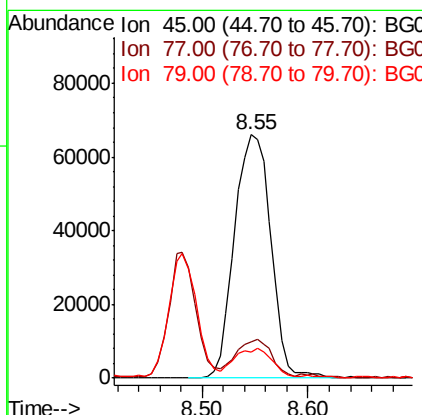
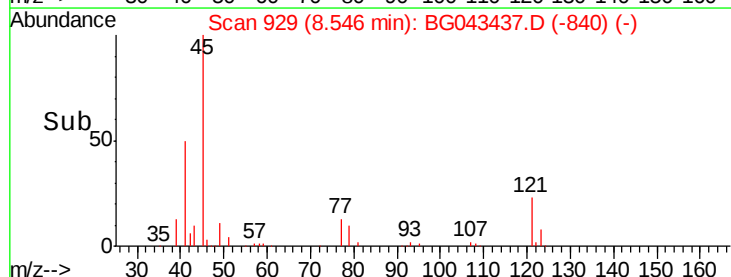
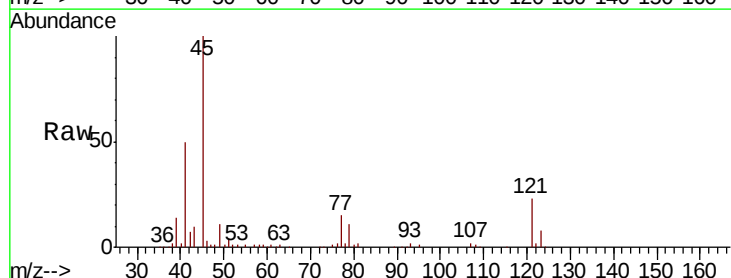
RT: 8.55 min Scan# 929

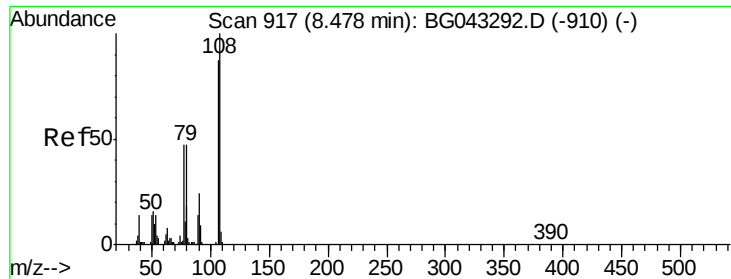
Delta R.T. -0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Tgt Ion:	45	Resp:	158169
Ion Ratio	Lower	Upper	
45	100		
77	14.7	0.0	34.2
79	10.9	0.0	32.3





#17

2-Methylphenol

Concen: 45.831 ng

RT: 8.48 min Scan# 918

Delta R.T. 0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

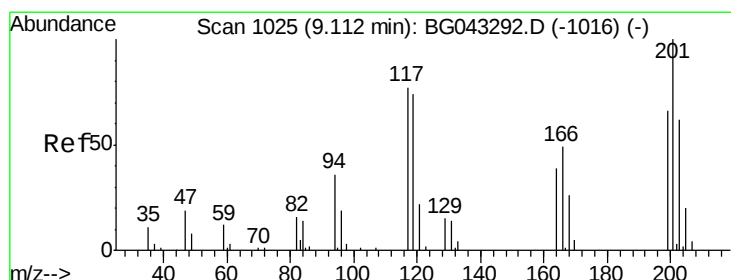
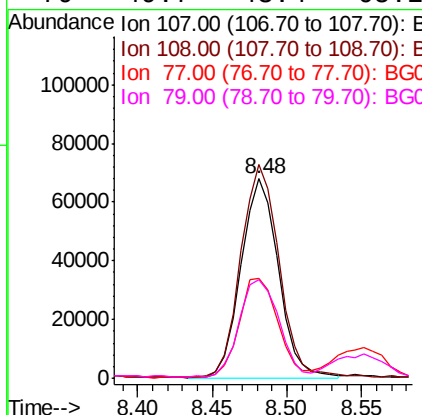
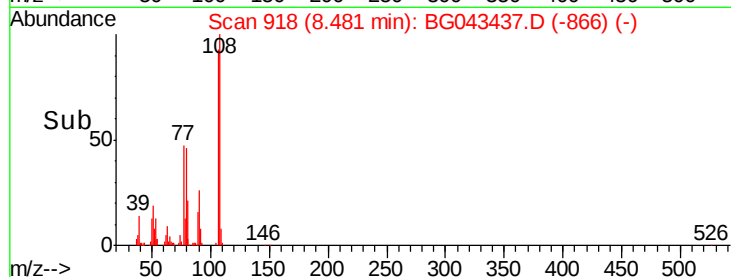
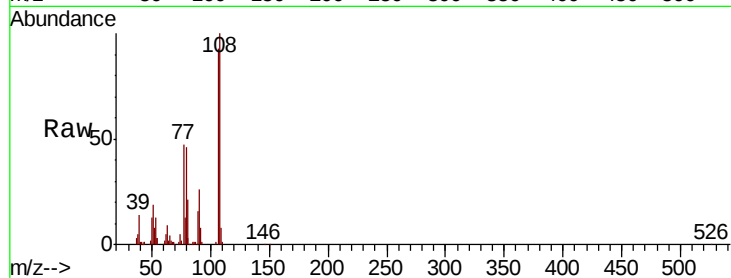
ClientSampleId :

169-32-(0-1)MS

Tot Ion:	107	Resp:	118689
Ion Ratio	Lower	Upper	
107	100		
108	107.1	91.3	136.9
77	50.3	43.0	64.6
79	49.7	43.4	65.2

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#18

Hexachloroethane

Concen: 40.842 ng

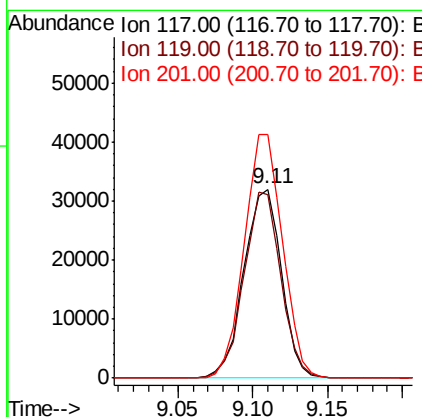
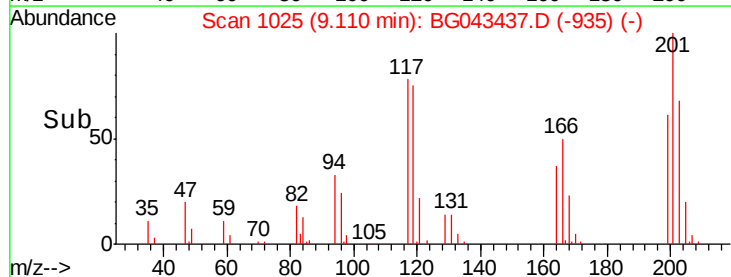
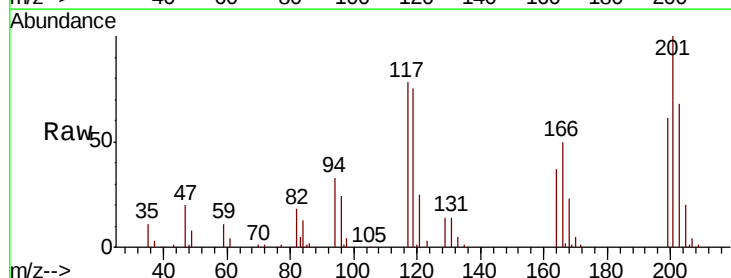
RT: 9.11 min Scan# 1025

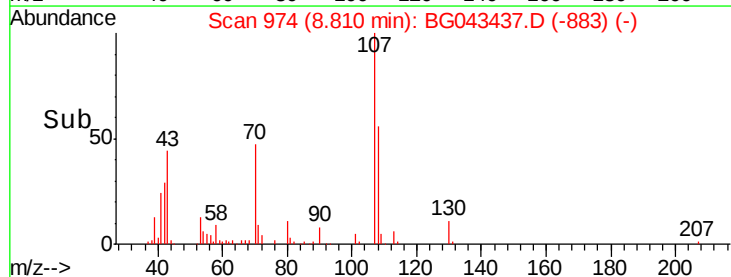
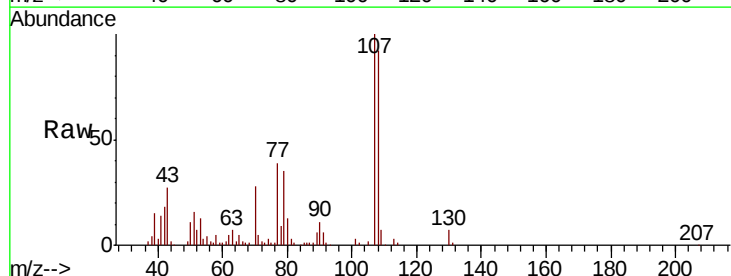
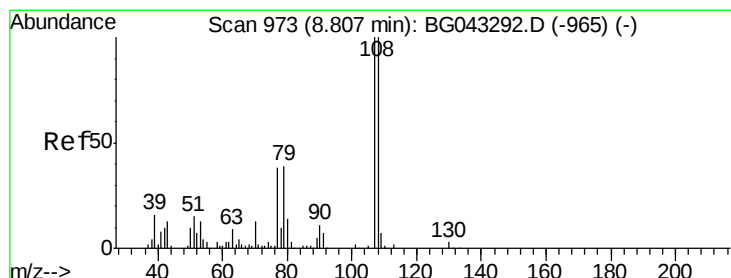
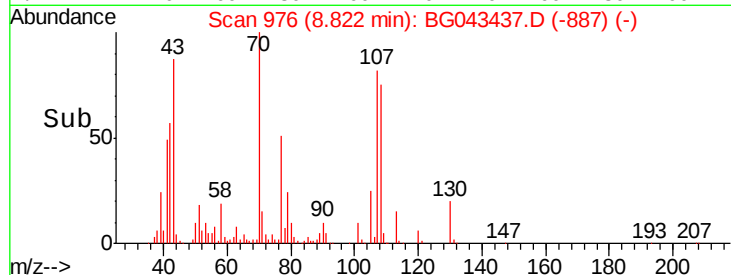
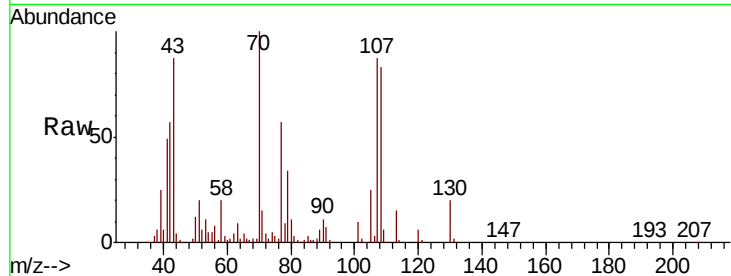
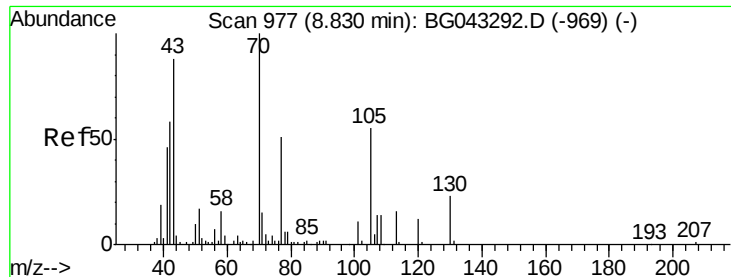
Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

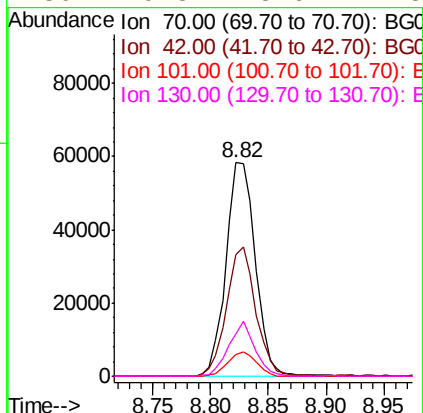
Tgt Ion:	117	Resp:	55714
Ion Ratio	Lower	Upper	
117	100		
119	97.1	77.3	115.9
201	128.6	104.2	156.4





#19
n-Nitroso-di-n-propylamine
Concen: 40.926 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	57.2	46.2	69.2	
101	10.4	8.6	13.0	
130	19.8	18.6	27.8	



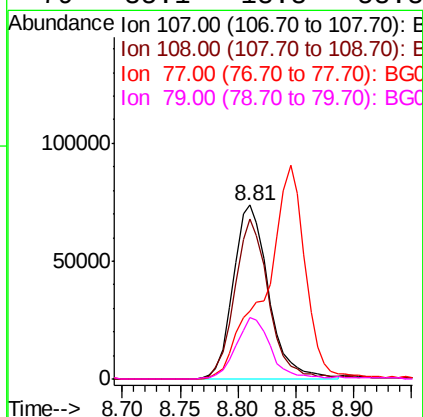
Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)MS

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#20
3+4-Methylphenols
Concen: 44.280 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	92.0	80.3	120.3	
77	39.3	18.2	58.2	
79	35.1	18.8	58.8	





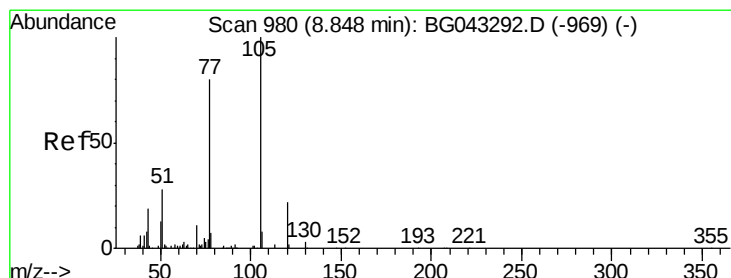
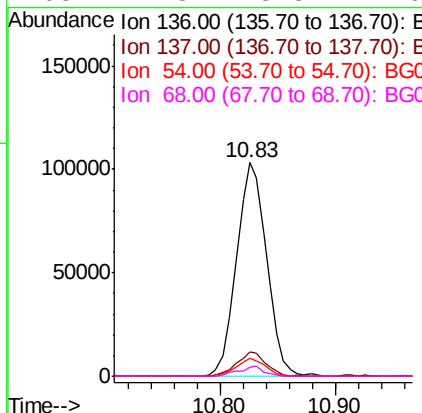
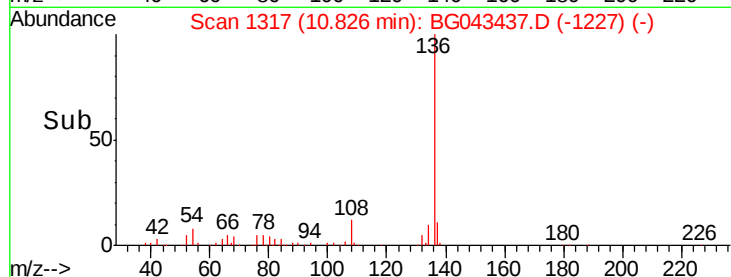
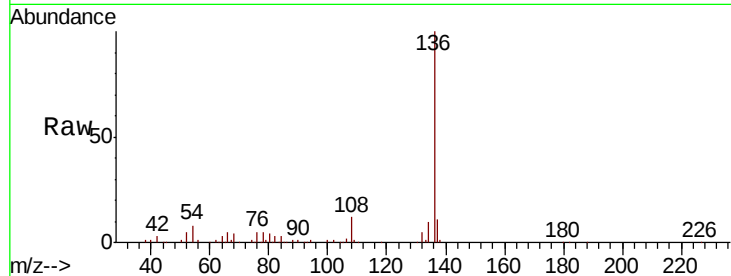
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		186365		
137	11.3		8.2	12.2	
54	8.3		5.4	8.2#	
68	4.3		3.3	4.9	

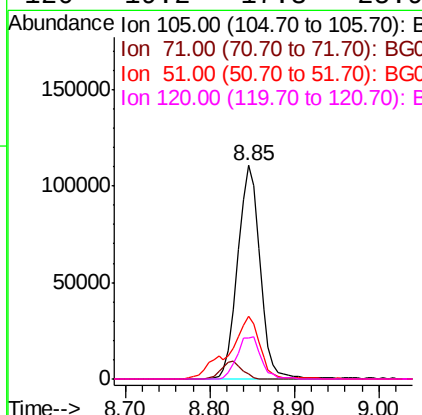
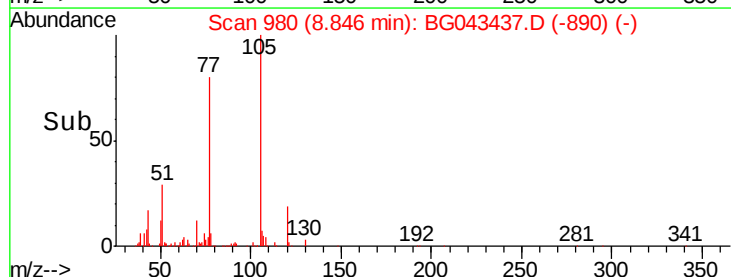
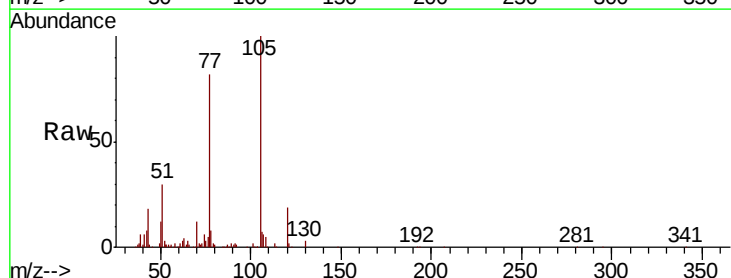
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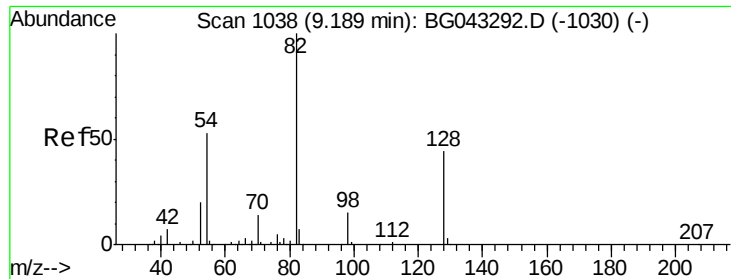
mohammad
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#22
Acetophenone
Concen: 42.216 ng
RT: 8.85 min Scan# 980
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		201482		
71	2.2		1.5	2.3	
51	29.6		23.9	35.9	
120	19.2		17.3	25.9	





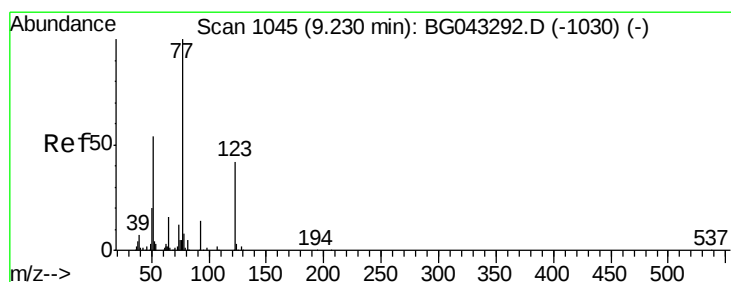
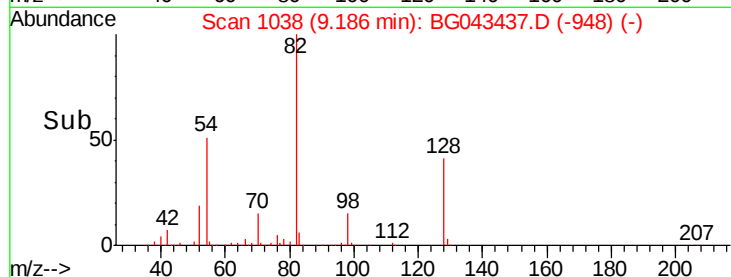
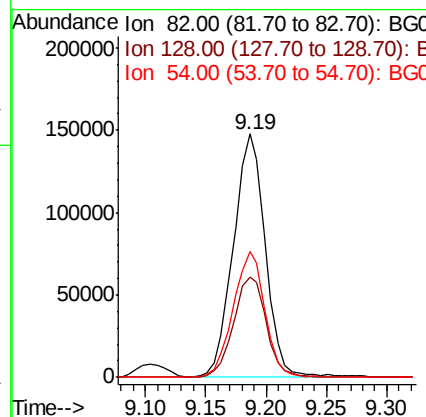
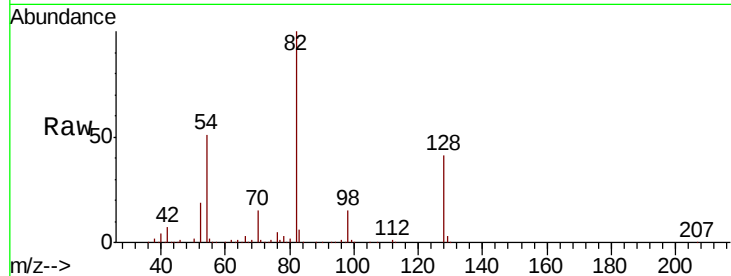
#23
 Nitrobenzene-d5
 Concen: 74.619 ng
 RT: 9.19 min Scan# 1038
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Instrument :
 BNA_G
 ClientSampleId :
 169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
82	100		
128	41.0	35.3	52.9
54	51.5	42.3	63.5

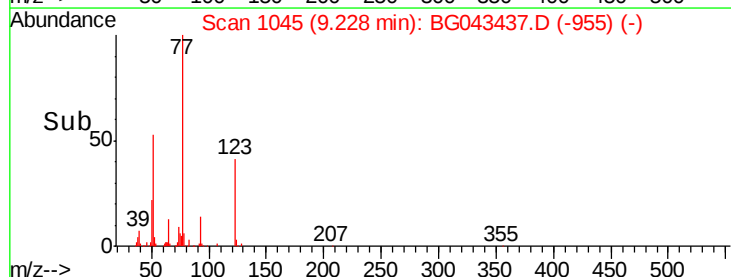
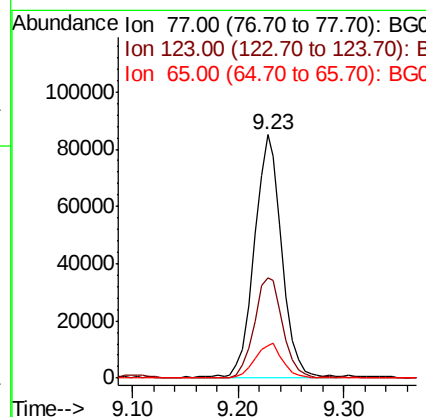
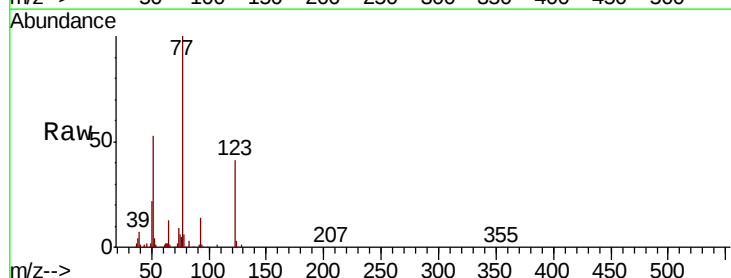
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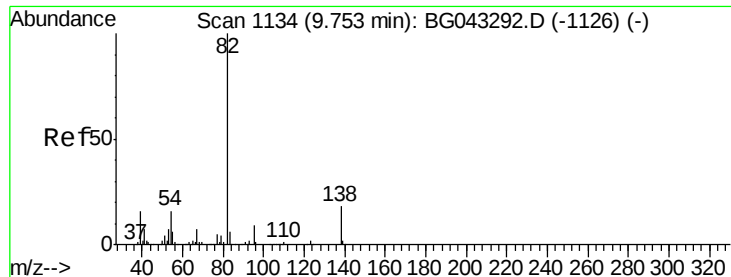
mohammad
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#24
 Nitrobenzene
 Concen: 44.788 ng
 RT: 9.23 min Scan# 1045
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.2	33.8	50.8
65	13.2	13.0	19.4





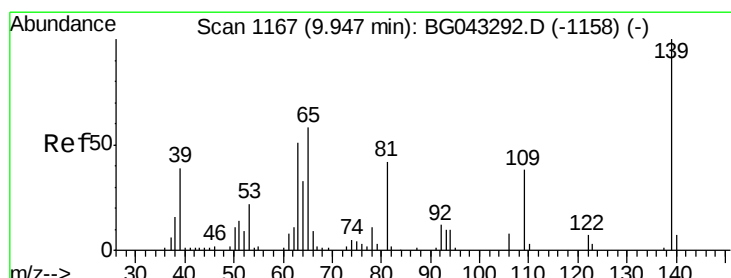
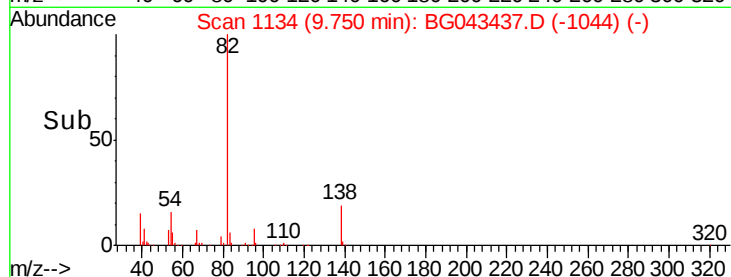
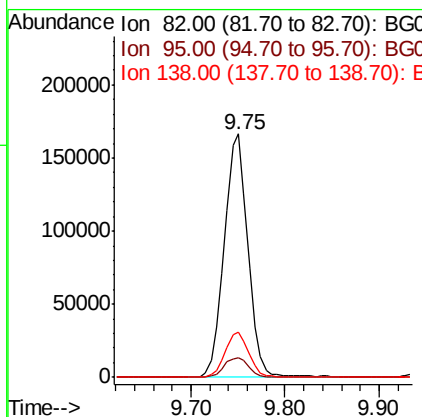
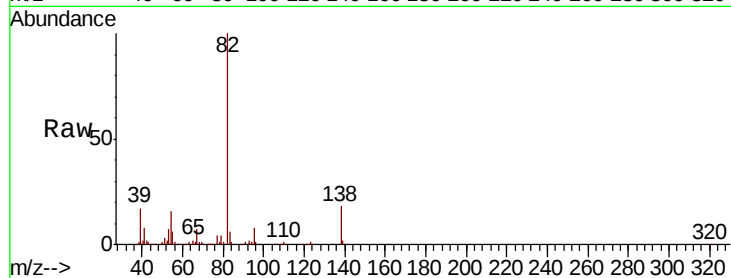
#25
Isophorone
Concen: 44.108 ng
RT: 9.75 min Scan# 1134
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	8.2	6.9	10.3	
138	18.5	14.2	21.2	

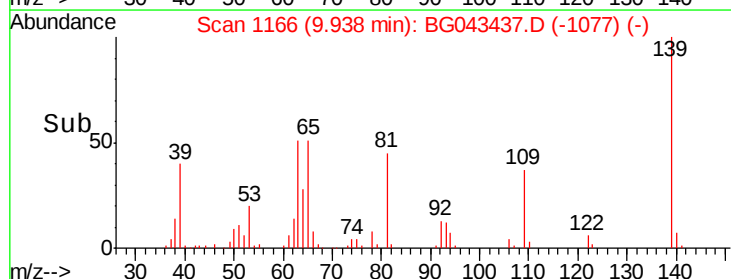
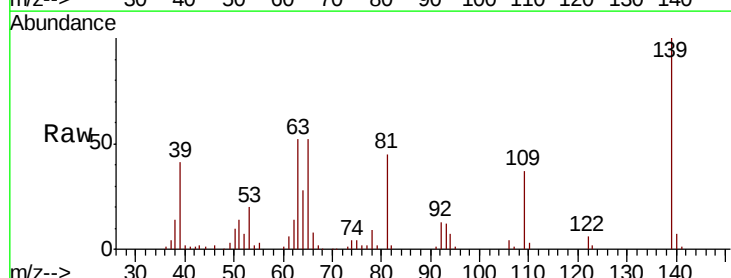
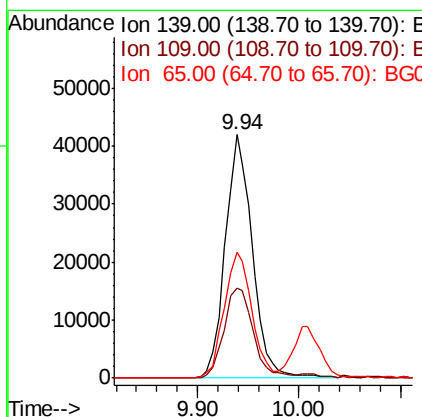
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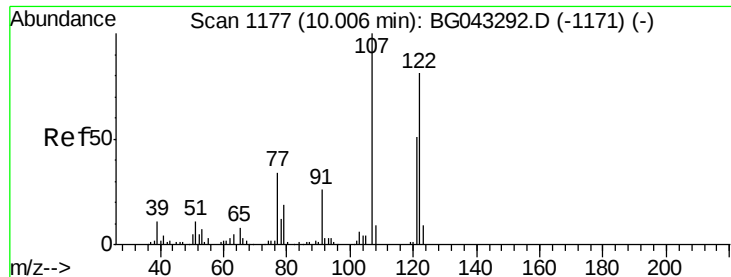
mohammad
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#26
2-Nitrophenol
Concen: 46.765 ng
RT: 9.94 min Scan# 1166
Delta R.T. -0.01 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	37.1	30.1	45.1	
65	51.7	46.1	69.1	





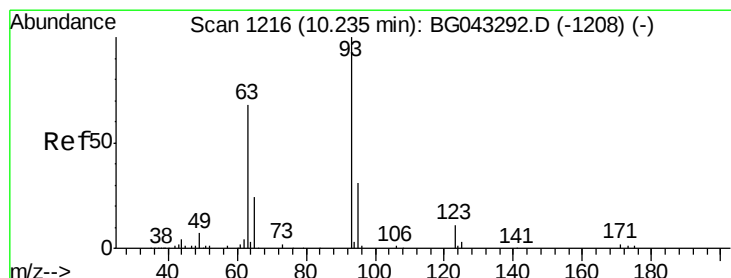
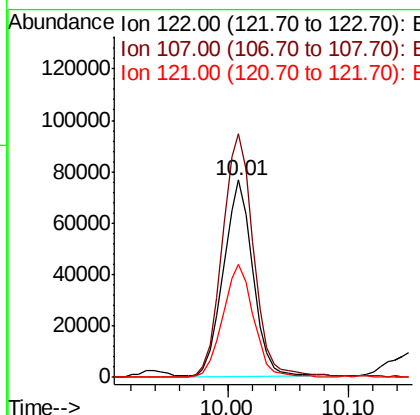
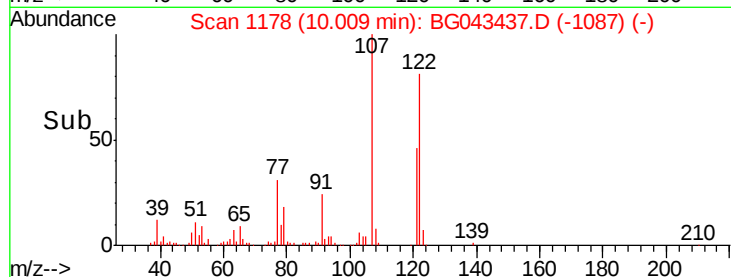
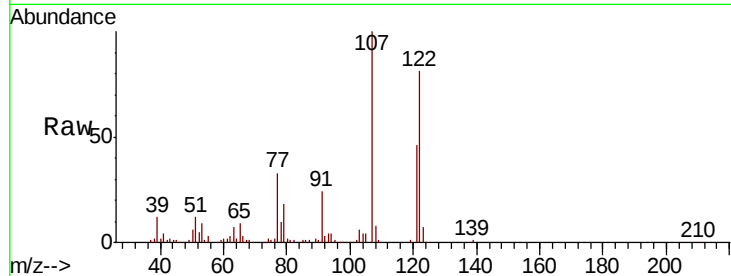
#27
2,4-Dimethylphenol
Concen: 54.306 ng
RT: 10.01 min Scan# 1178
Delta R.T. 0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
122	100		
107	123.4	98.6	147.8
121	57.2	50.1	75.1

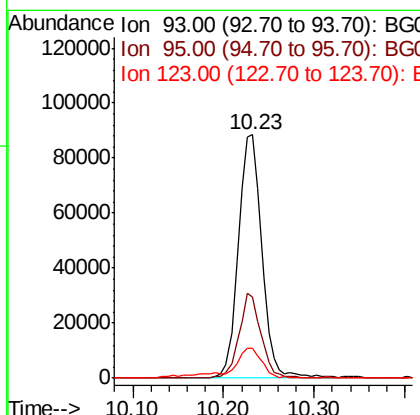
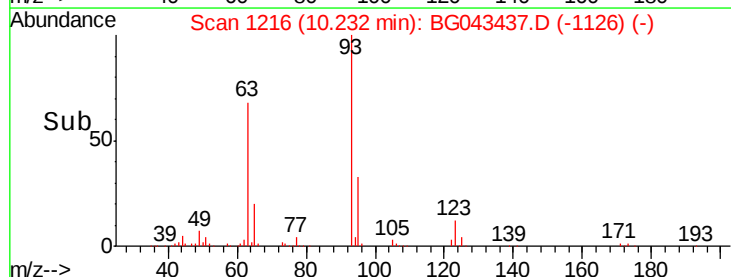
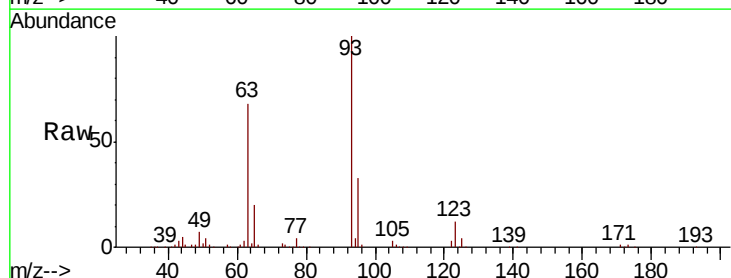
Manual Integrations
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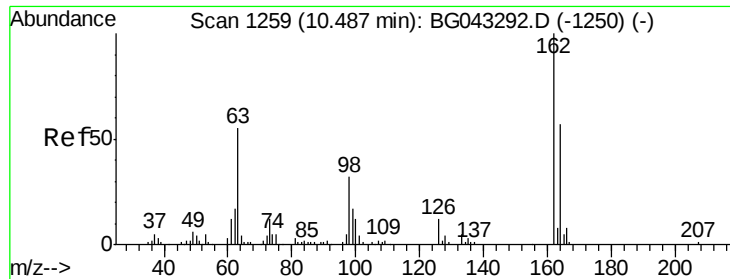
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 44.081 ng
RT: 10.23 min Scan# 1216
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
93	100		
95	33.4	24.9	37.3
123	12.5	8.9	13.3





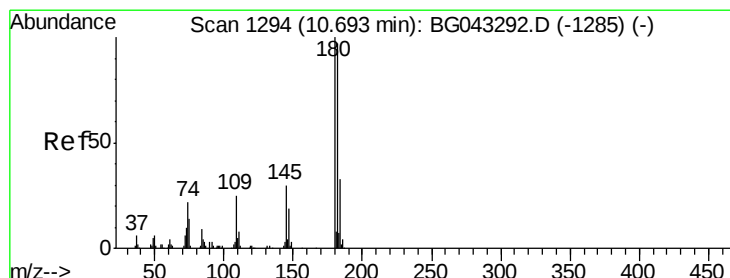
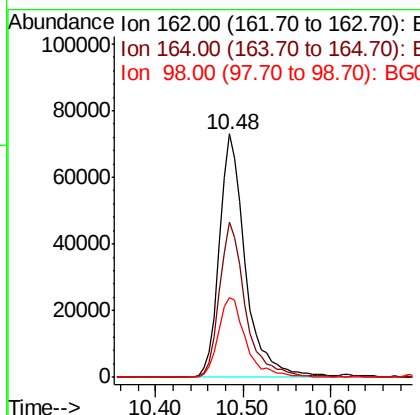
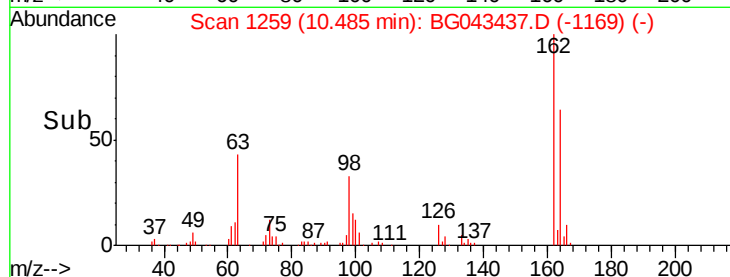
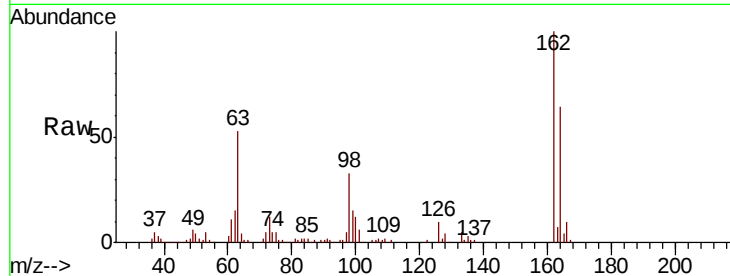
#29
 2,4-Dichlorophenol
 Concen: 49.330 ng
 RT: 10.48 min Scan# 1259
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Instrument :
 BNA_G
 ClientSampleId :
 169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
162	100		
164	63.6	37.3	77.3
98	32.8	11.8	51.8

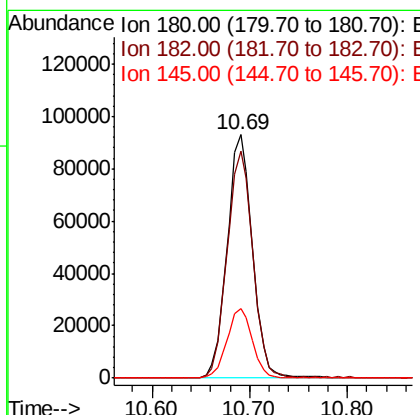
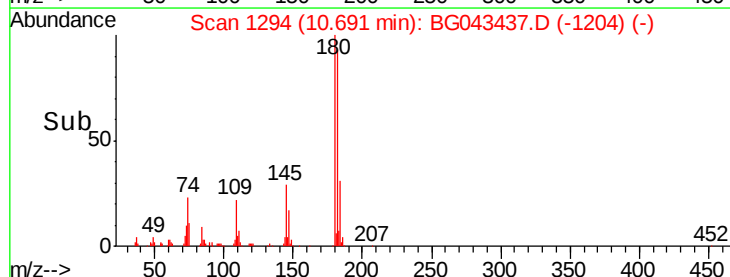
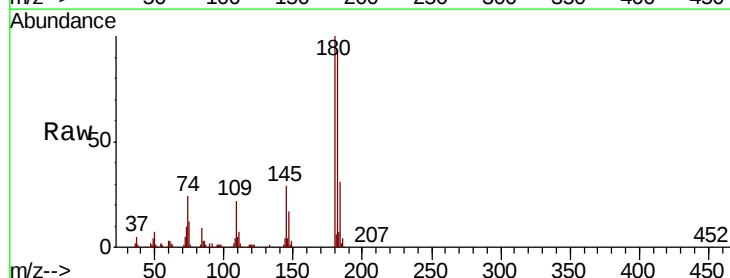
Manual Integrations
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#30
 1,2,4-Trichlorobenzene
 Concen: 43.392 ng
 RT: 10.69 min Scan# 1294
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
180	100		
182	93.4	77.8	116.8
145	28.7	23.6	35.4





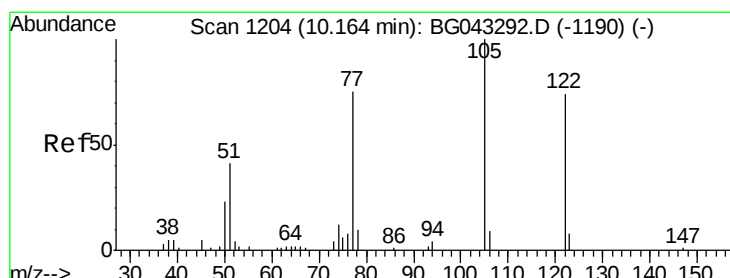
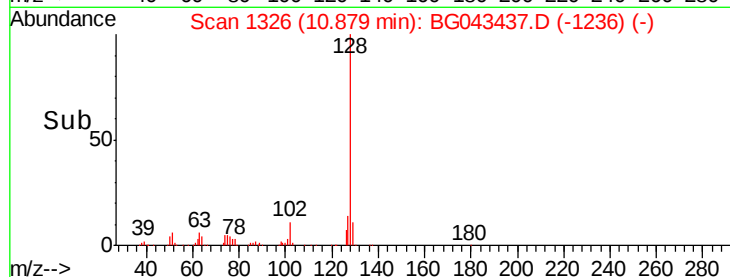
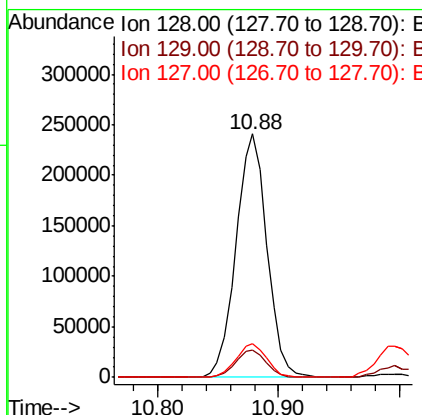
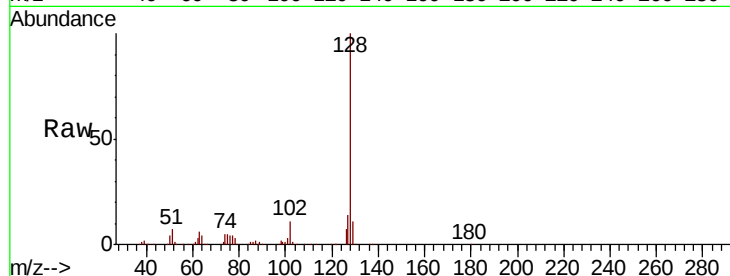
#31
Naphthalene
Concen: 45.497 ng
RT: 10.88 min Scan# 1326
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.4	8.6	12.8
127	13.8	11.5	17.3

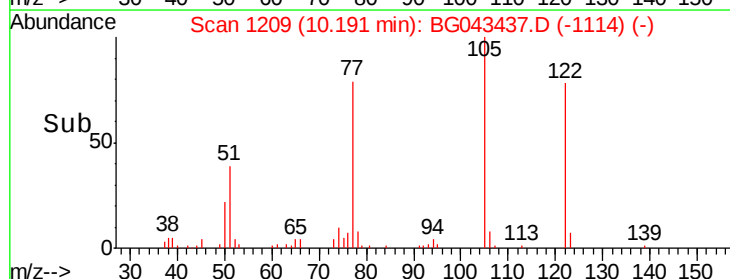
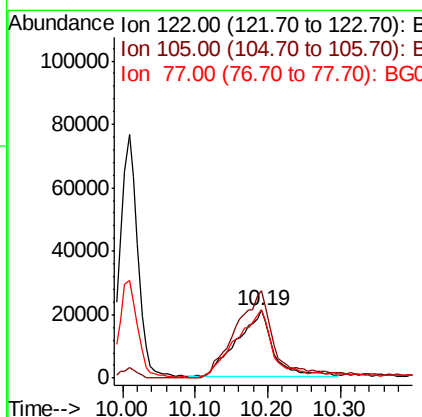
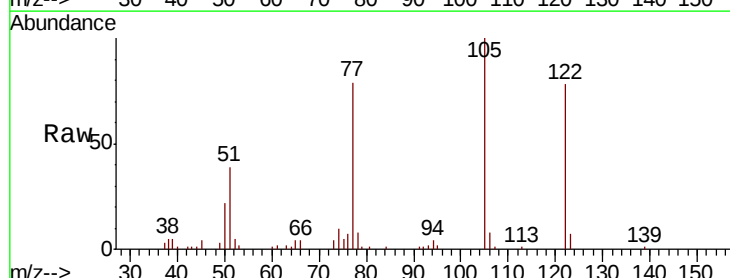
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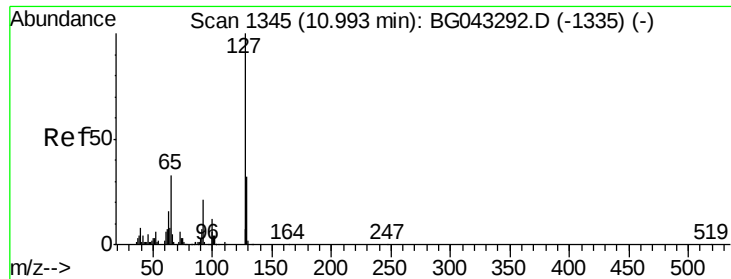
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#32
Benzoic acid
Concen: 41.511 ng
RT: 10.19 min Scan# 1209
Delta R.T. 0.03 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
122	100		
105	128.1	112.4	152.4
77	101.5	82.7	122.7





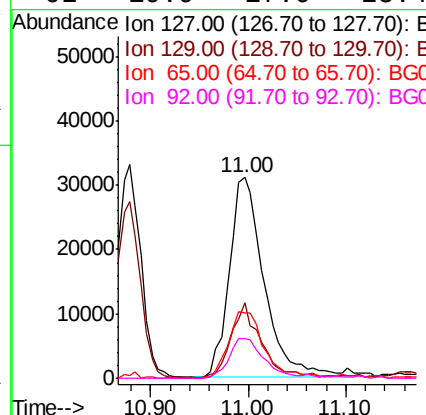
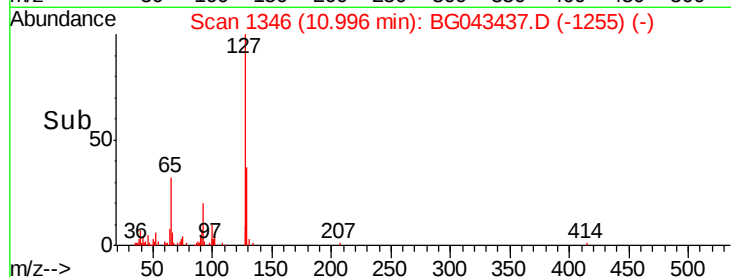
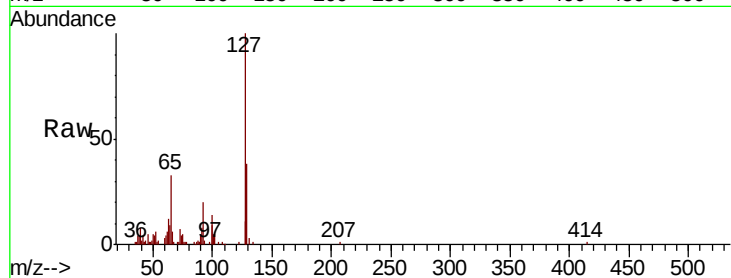
#33
4-Chloroaniline
Concen: 19.782 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100				
129	37.6	25.8	38.8		
65	32.5	26.2	39.2		
92	19.9	17.0	25.4		

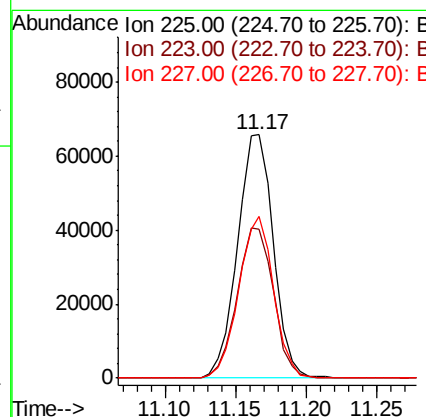
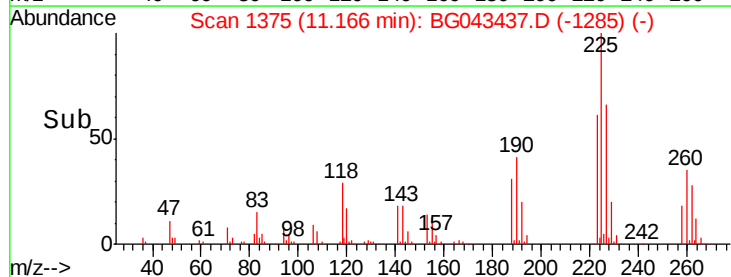
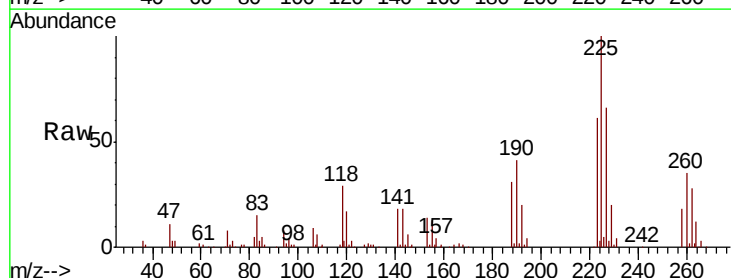
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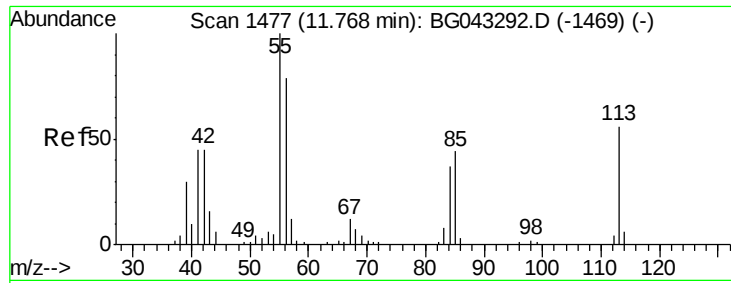
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#34
Hexachlorobutadiene
Concen: 40.957 ng
RT: 11.17 min Scan# 1375
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100				
223	61.0	53.2	79.8		
227	66.3	56.2	84.2		





#35

Caprolactam

Concen: 44.926 ng/mL

RT: 11.77 min Scan# 1477

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

ClientSampleId :

169-32-(0-1)MS

Tot Ion:113 Resp: 47239

Ion Ratio Lower Upper

113 100

55 133.6 158.9 198.9#

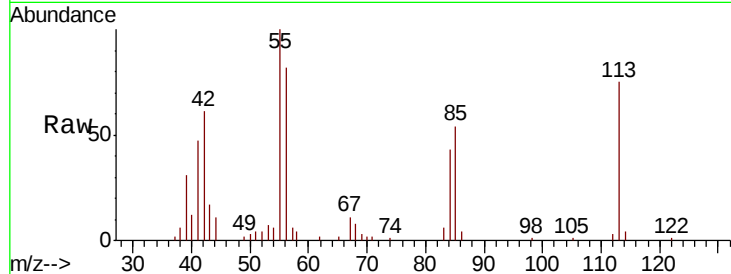
56 109.6 121.4 161.4#

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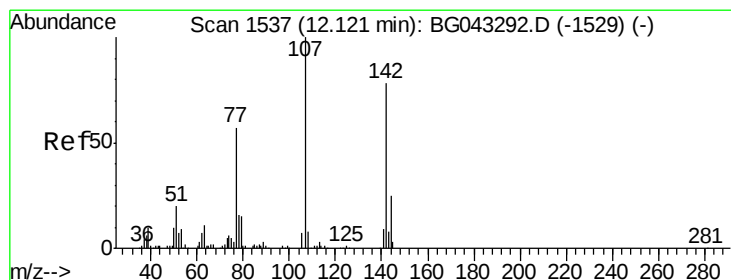
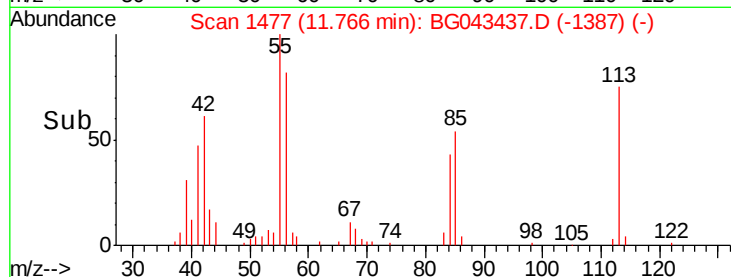
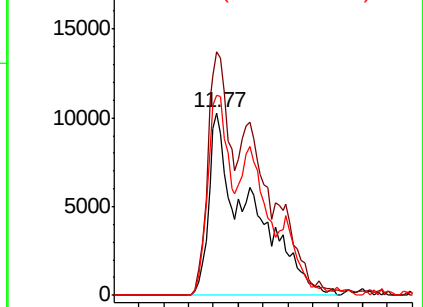
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Abundance Ion 113.00 (112.70 to 113.70): E

Ion 55.00 (54.70 to 55.70): BG

Ion 56.00 (55.70 to 56.70): BG



#36

4-Chloro-3-methylphenol

Concen: 47.256 ng/mL

RT: 12.12 min Scan# 1538

Delta R.T. 0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

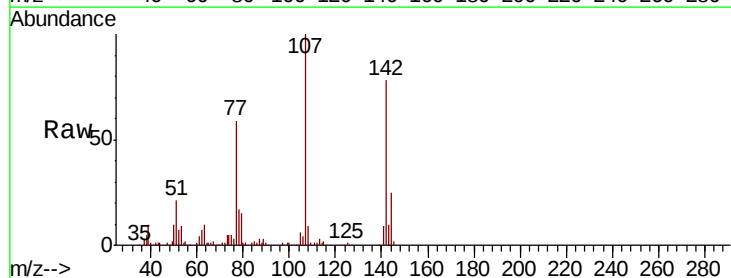
Tgt Ion:107 Resp: 157376

Ion Ratio Lower Upper

107 100

144 24.9 19.9 29.9

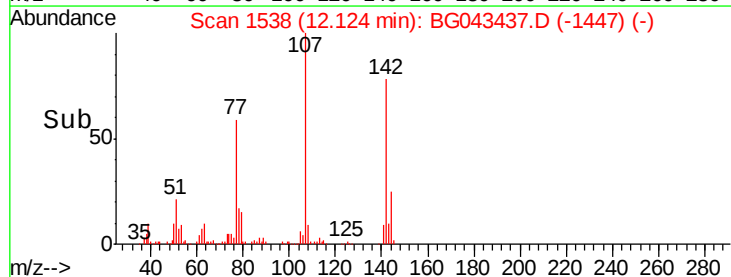
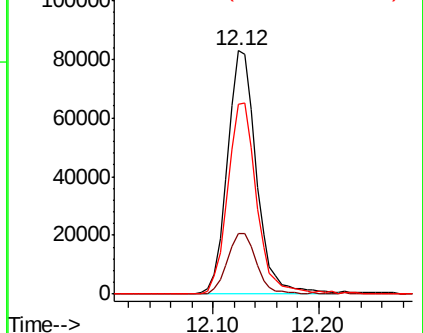
142 78.2 62.1 93.1



Abundance Ion 107.00 (106.70 to 107.70): E

Ion 144.00 (143.70 to 144.70): E

Ion 142.00 (141.70 to 142.70): E





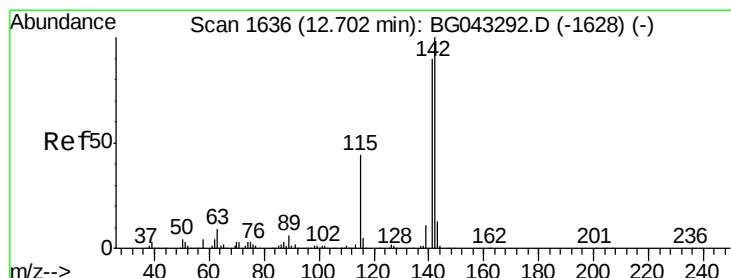
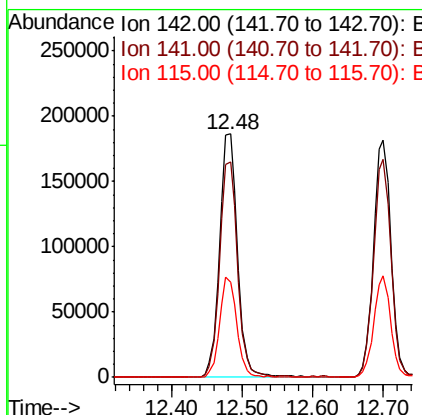
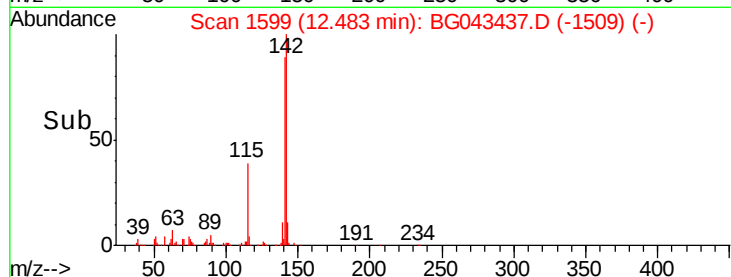
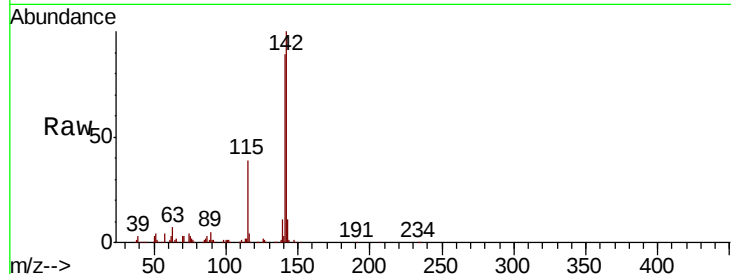
#37
2-Methylnaphthalene
Concen: 45.213 ng
RT: 12.48 min Scan# 1599
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
142	100		
141	88.7	69.7	104.5
115	38.9	30.6	46.0

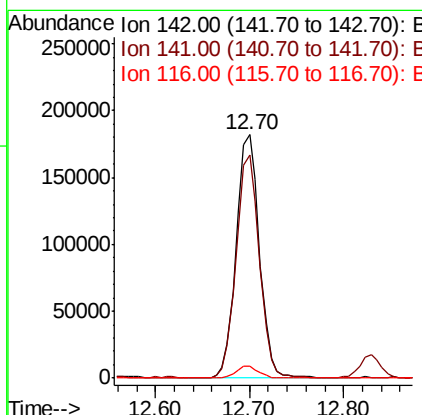
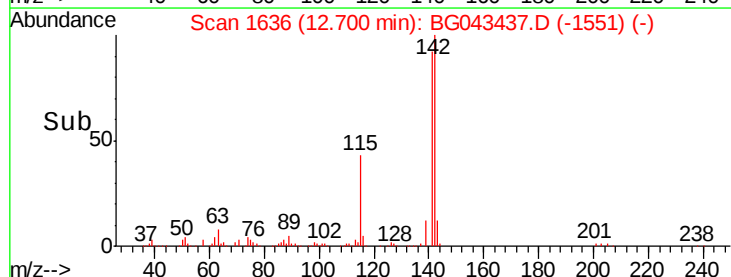
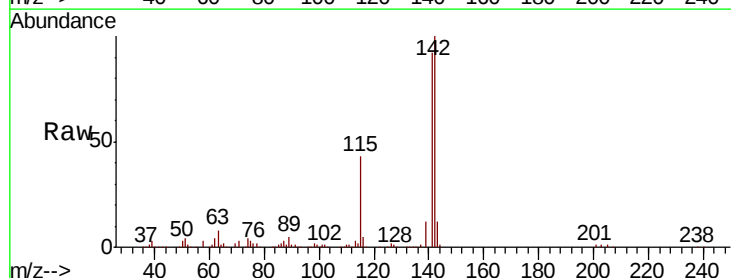
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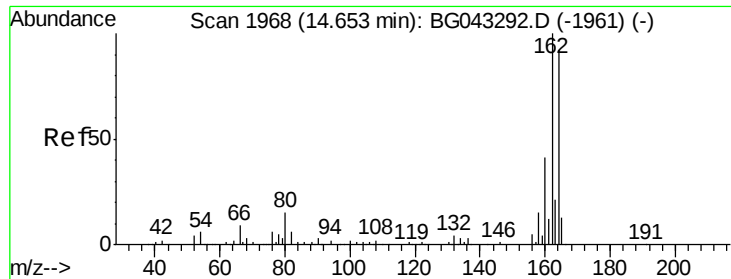
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#38
1-Methylnaphthalene
Concen: 45.075 ng
RT: 12.70 min Scan# 1636
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
142	100		
141	91.7	72.3	108.5
116	4.7	3.8	5.6





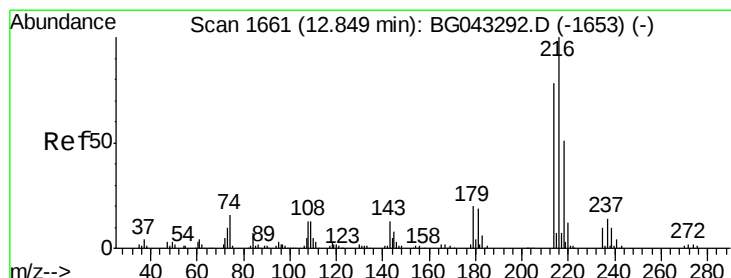
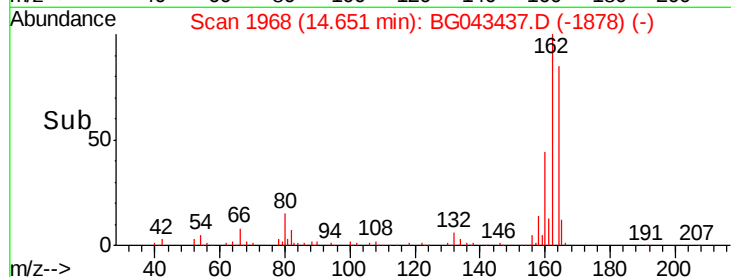
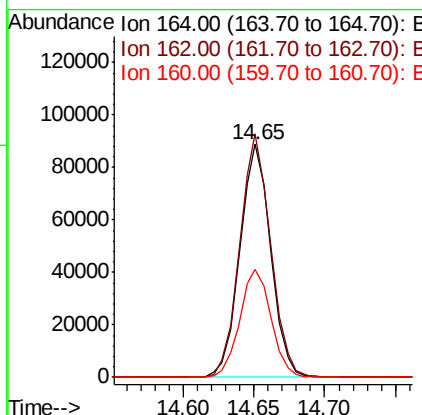
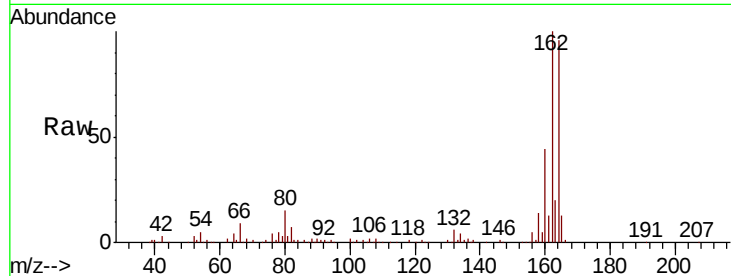
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.65 min Scan# 1968
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Instrument :
 BNA_G
 ClientSampleId :
 169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
164	100		
162	104.4	87.0	130.4
160	46.4	35.5	53.3

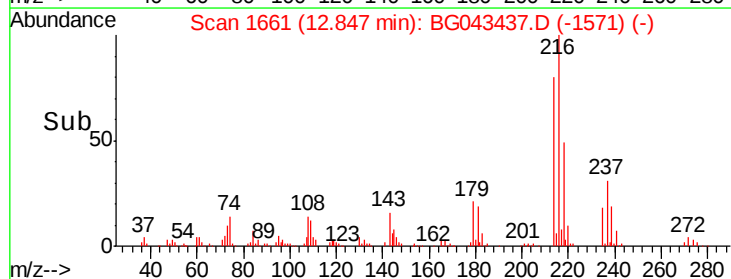
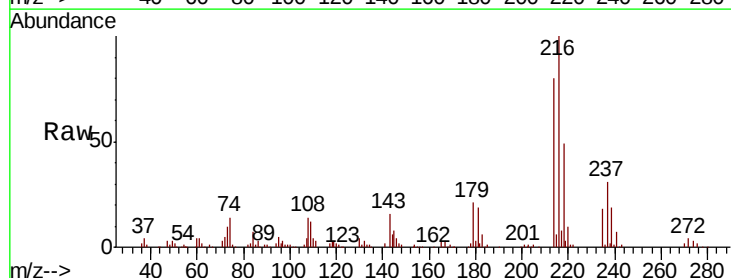
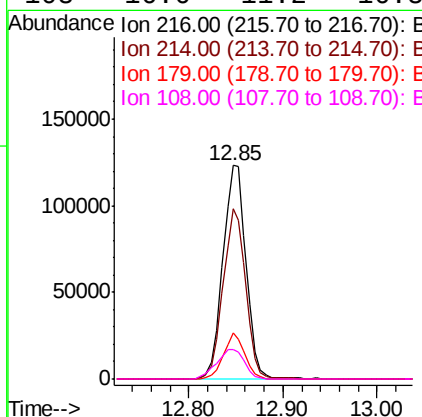
Manual Integrations
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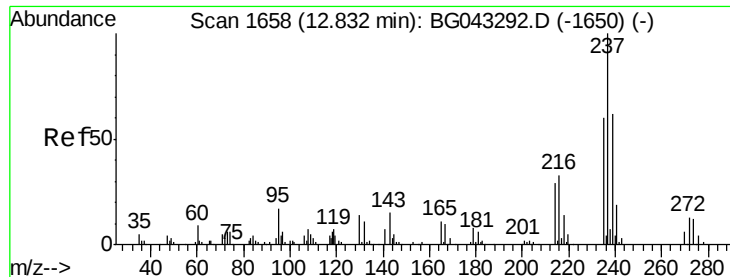
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 42.562 ng
 RT: 12.85 min Scan# 1661
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
216	100		
214	77.6	63.5	95.3
179	19.7	16.2	24.2
108	16.6	11.2	16.8





#41

Hexachlorocyclopentadiene

Concen: 100.508 ng

RT: 12.83 min Scan# 1658

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

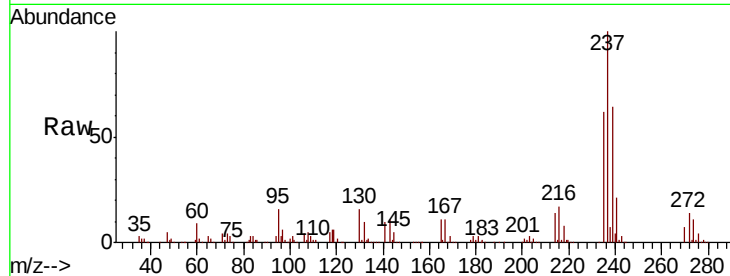
ClientSampleId :

169-32-(0-1)MS

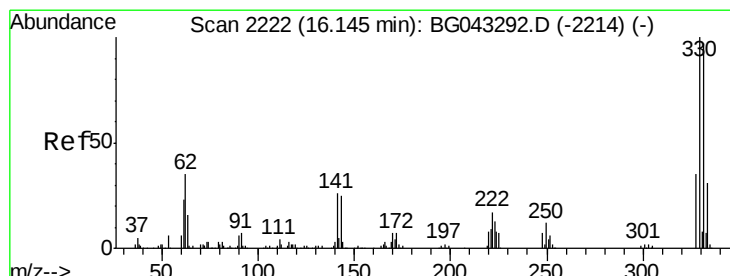
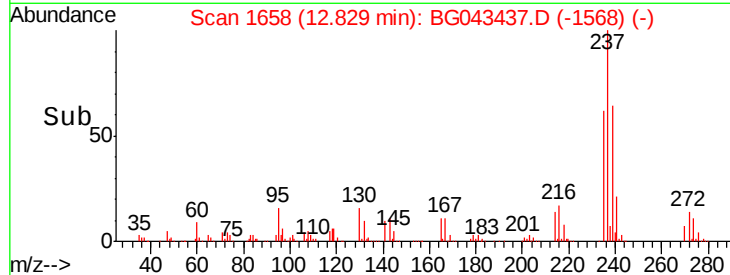
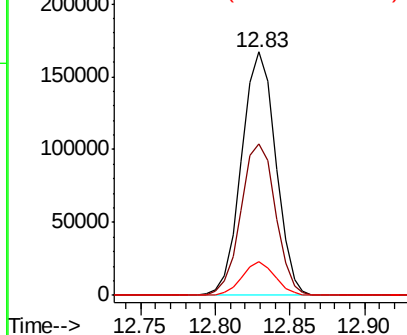
Tot Ion:	237	Resp:	264211
Ion Ratio	Lower	Upper	
237	100		
235	62.4	40.3	80.3
272	13.8	0.0	32.9

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



#42

2,4,6-Tribromophenol

Concen: 105.068 ng

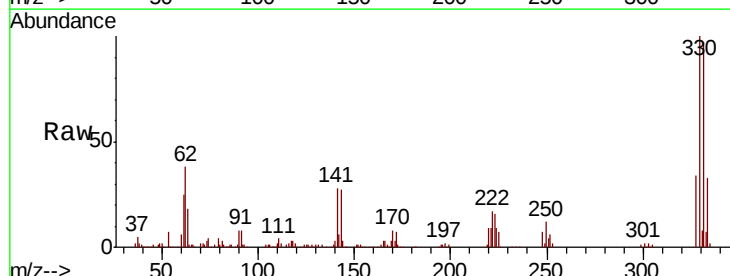
RT: 16.14 min Scan# 2222

Delta R.T. -0.00 min

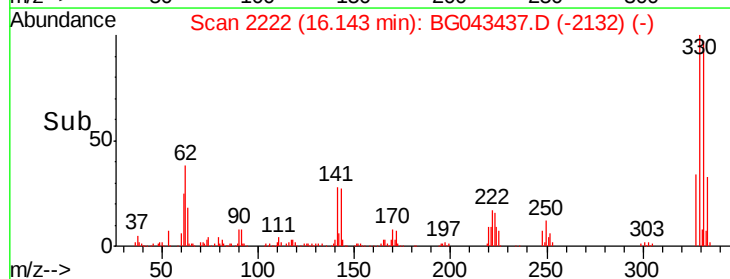
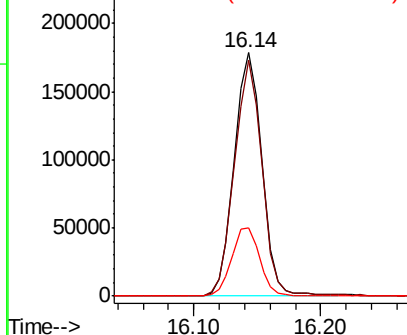
Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Tgt Ion:	330	Resp:	270363
Ion Ratio	Lower	Upper	
330	100		
332	95.7	76.4	114.6
141	28.5	21.4	32.0



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





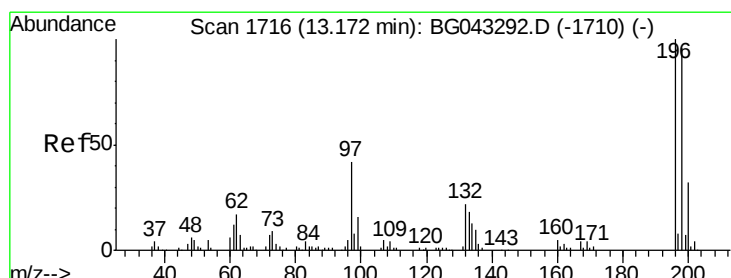
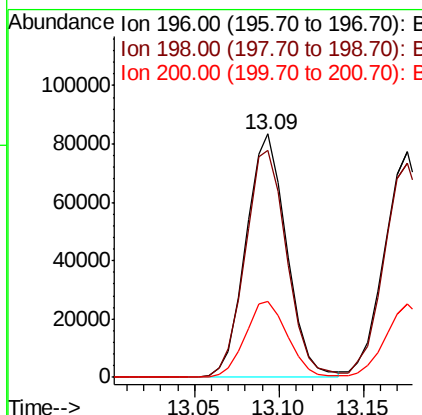
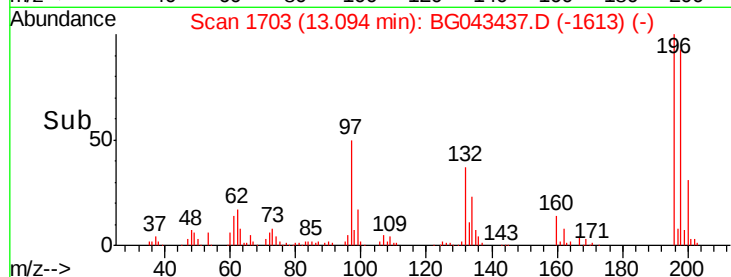
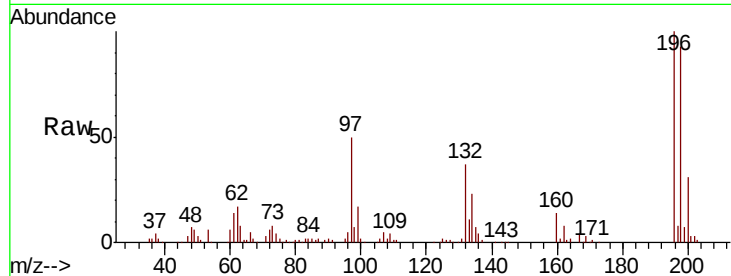
#43
 2,4,6-Trichlorophenol
 Concen: 47.221 ng
 RT: 13.09 min Scan# 1703
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Instrument :
 BNA_G
 ClientSampleId :
 169-32-(0-1)MS

Tot Ion	196	Resp	139162
Ion Ratio	Lower	Upper	
196	100		
198	93.3	77.0	115.4
200	31.3	27.4	41.2

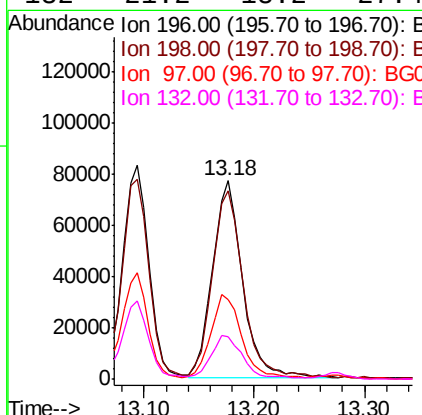
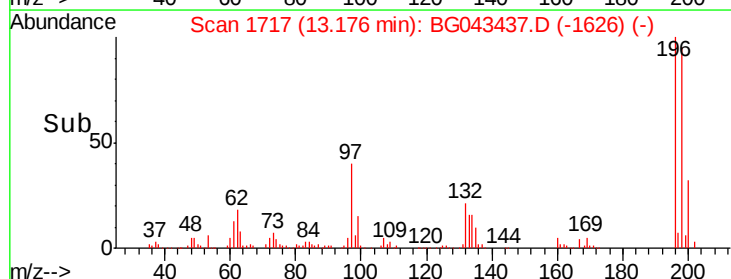
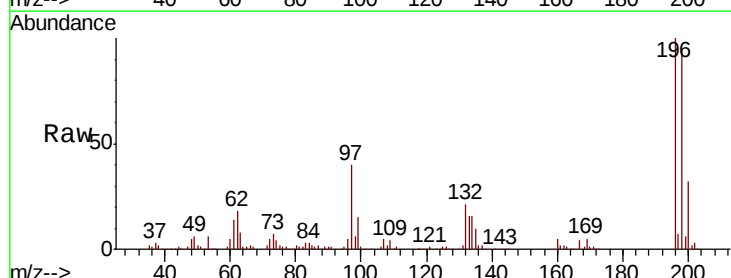
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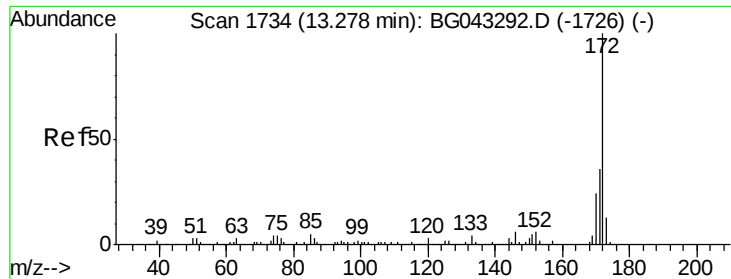
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#44
 2,4,5-Trichlorophenol
 Concen: 48.621 ng
 RT: 13.18 min Scan# 1717
 Delta R.T. 0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion	196	Resp	144863
Ion Ratio	Lower	Upper	
196	100		
198	94.9	76.6	114.8
97	39.8	34.1	51.1
132	21.2	18.2	27.4





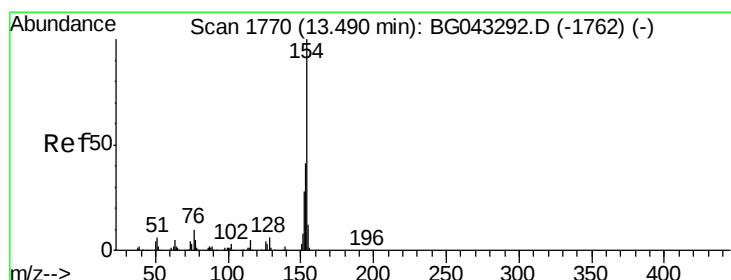
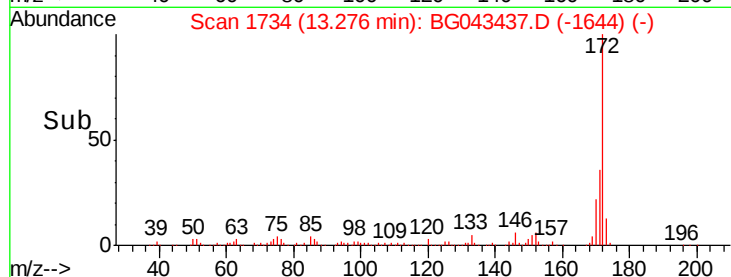
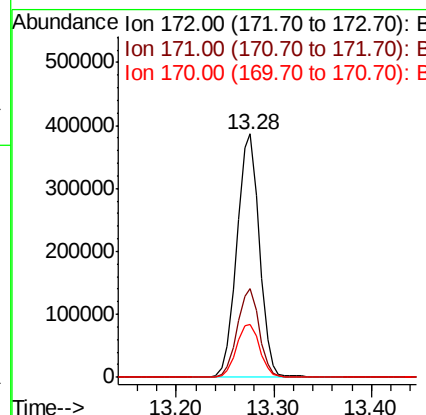
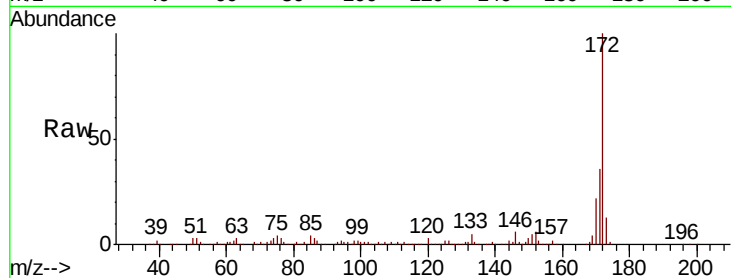
#45
2-Fluorobiphenyl
Concen: 63.023 ng
RT: 13.28 min Scan# 1734
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
172	100		616722		
171	36.2	28.5	42.7		
170	21.8	18.8	28.2		

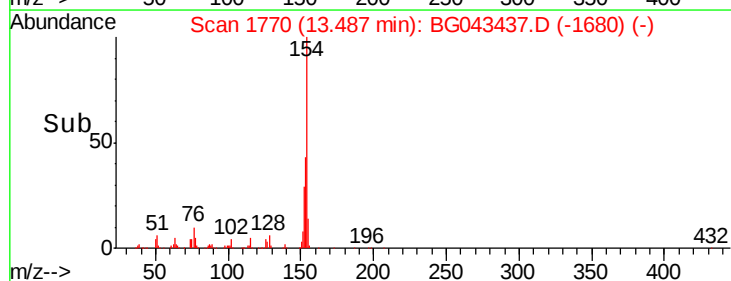
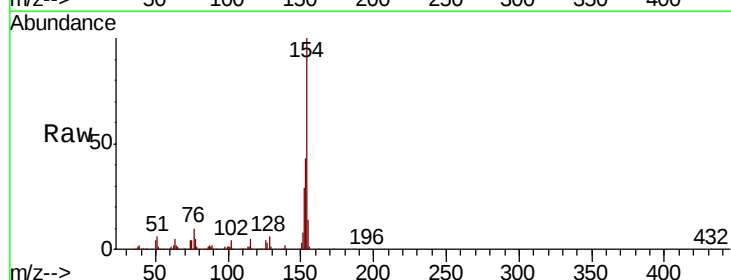
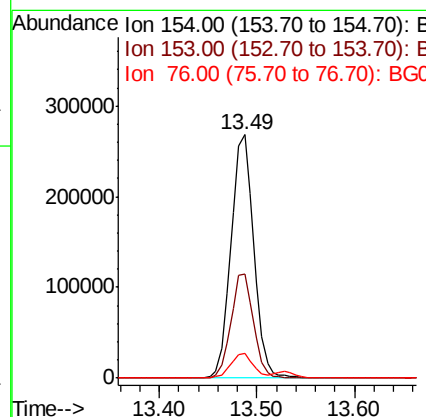
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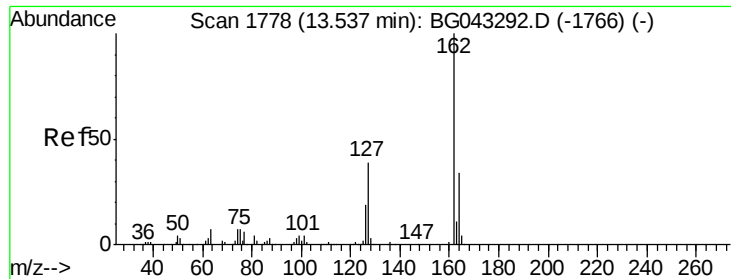
mohammad
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#46
1,1'-Biphenyl
Concen: 42.262 ng
RT: 13.49 min Scan# 1770
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
154	100		434738		
153	42.5	21.0	61.0		
76	10.0	0.0	29.8		





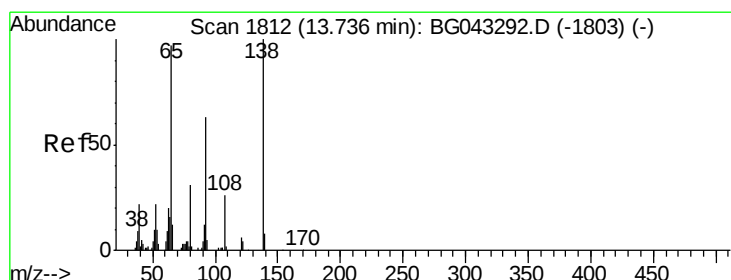
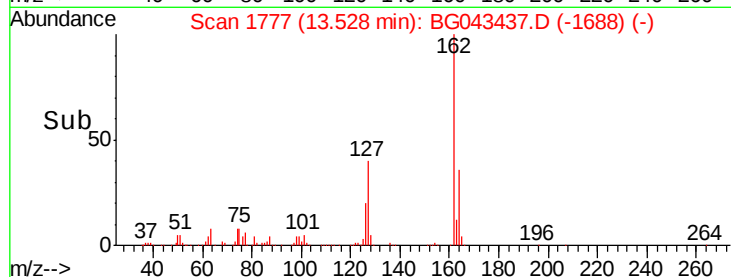
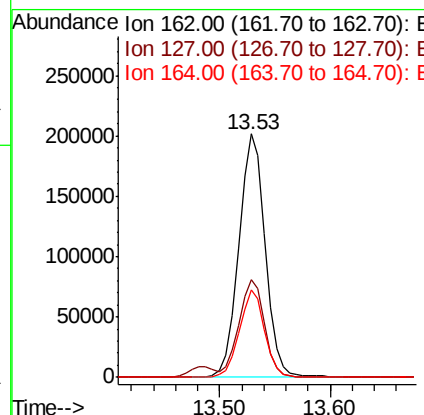
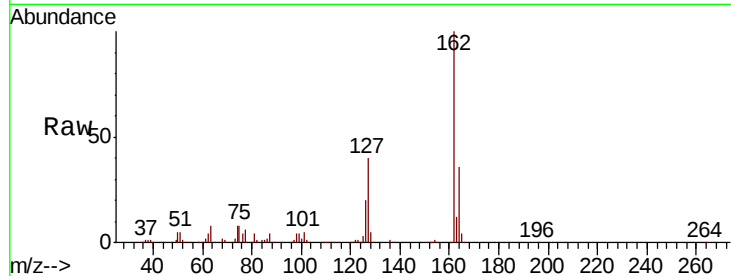
#47
 2-Chloronaphthalene
 Concen: 43.149 ng
 RT: 13.53 min Scan# 1777
 Delta R.T. -0.01 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Instrument :
 BNA_G
 ClientSampleId :
 169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.1	31.3	46.9
164	36.1	26.8	40.2

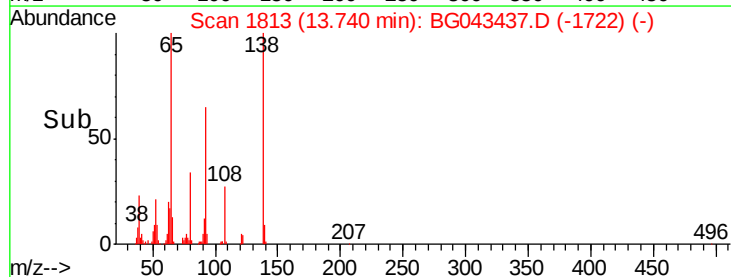
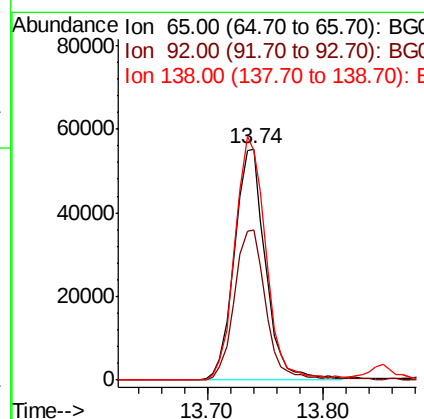
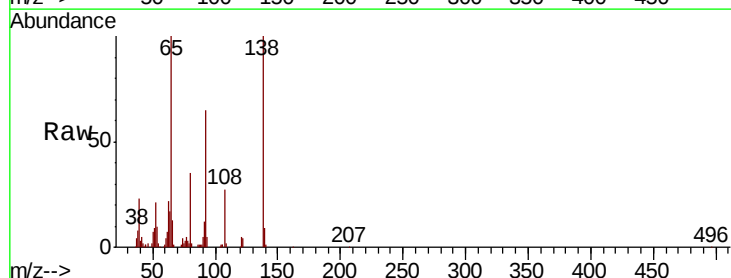
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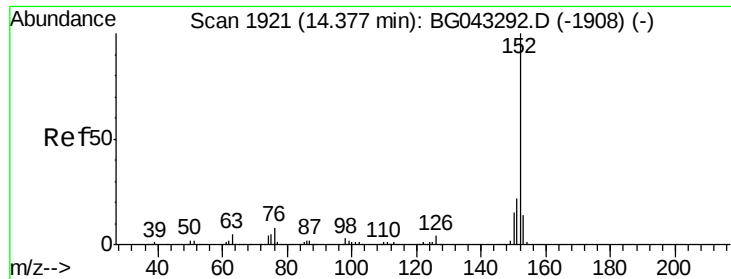
mohammad
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#48
 2-Nitroaniline
 Concen: 44.261 ng
 RT: 13.74 min Scan# 1813
 Delta R.T. 0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
65	100		
92	64.8	52.6	79.0
138	99.7	82.9	124.3





#49

Acenaphthylene

Concen: 44.796 ng

RT: 14.37 min Scan# 1921

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

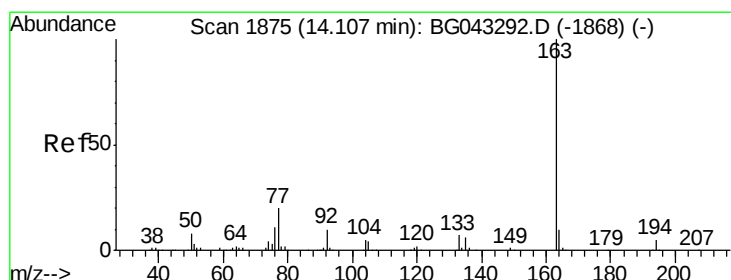
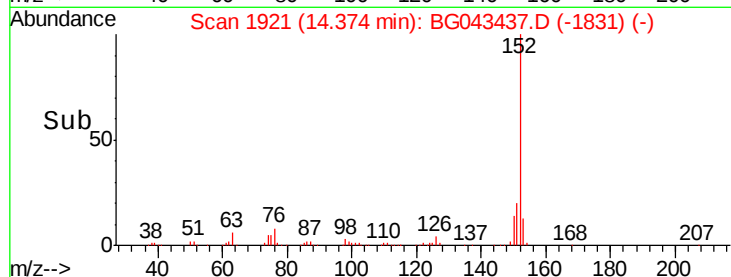
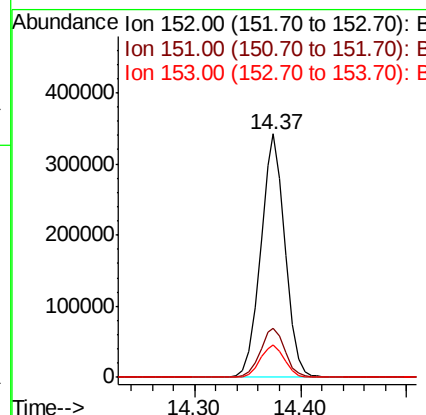
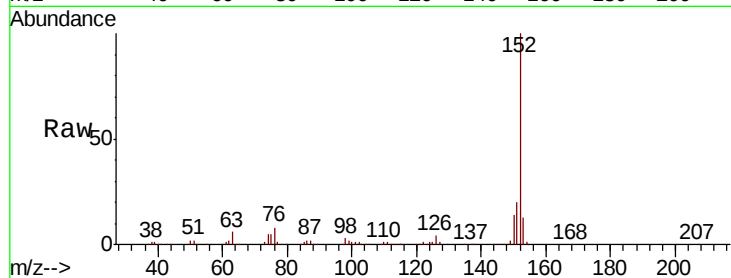
ClientSampleId :

169-32-(0-1)MS

Tot Ion:	152	Resp:	545677
Ion Ratio		Lower	Upper
152	100		
151	20.3	17.2	25.8
153	13.3	11.0	16.6

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#50

Dimethylphthalate

Concen: 48.921 ng

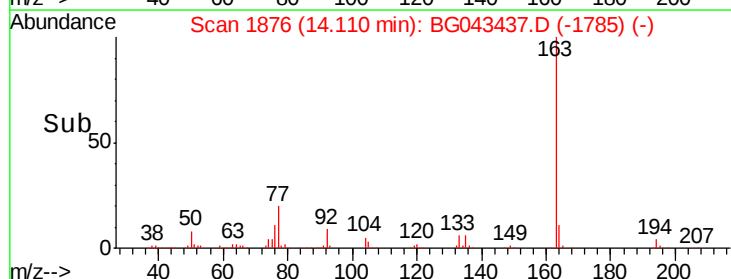
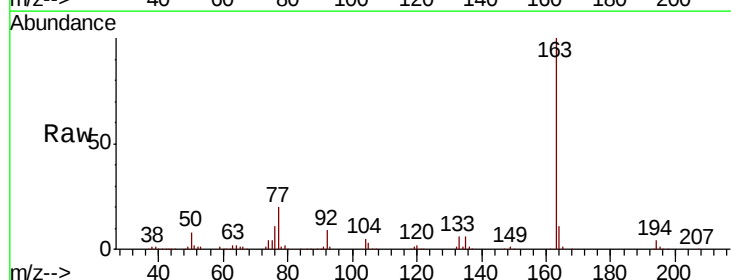
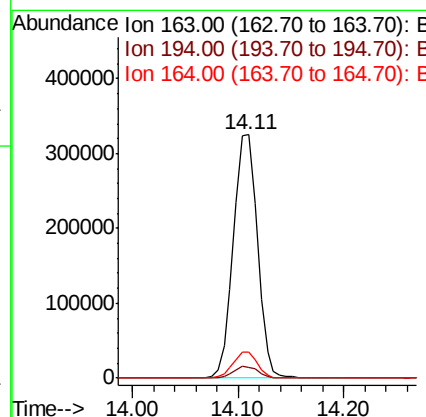
RT: 14.11 min Scan# 1876

Delta R.T. 0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Tgt Ion:	163	Resp:	512384
Ion Ratio		Lower	Upper
163	100		
194	4.3	3.7	5.5
164	10.6	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 44.586 ng

RT: 14.23 min Scan# 1896

Delta R.T. 0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

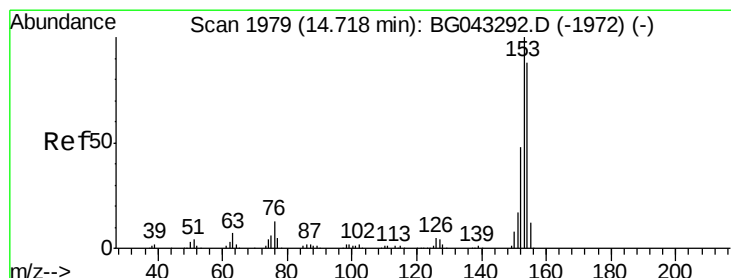
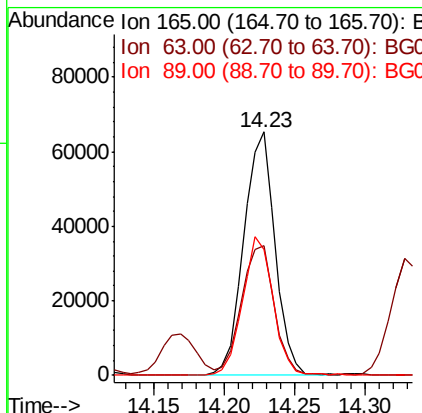
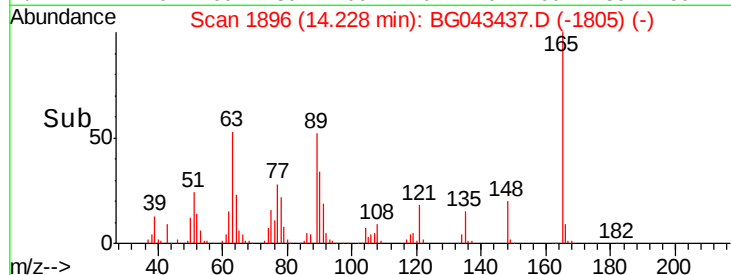
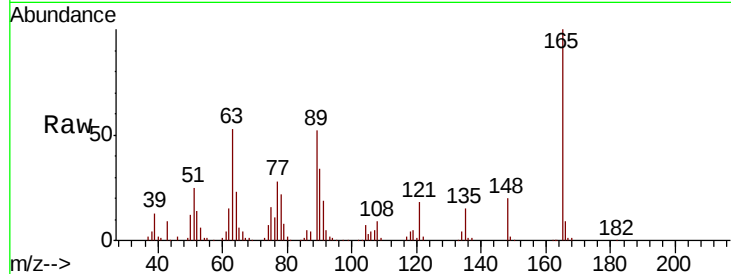
ClientSampleId :

169-32-(0-1)MS

Tot Ion:	165	Resp:	101451
Ion Ratio	Lower	Upper	
165	100		
63	53.5	47.1	70.7
89	51.9	43.7	65.5

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#52

Acenaphthene

Concen: 43.875 ng

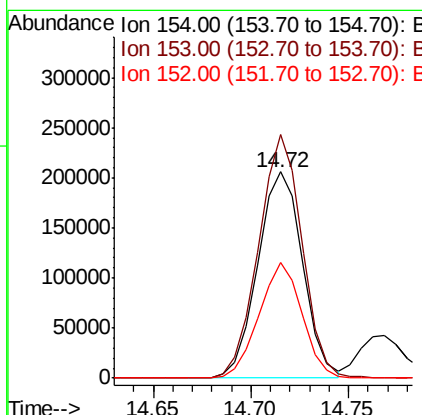
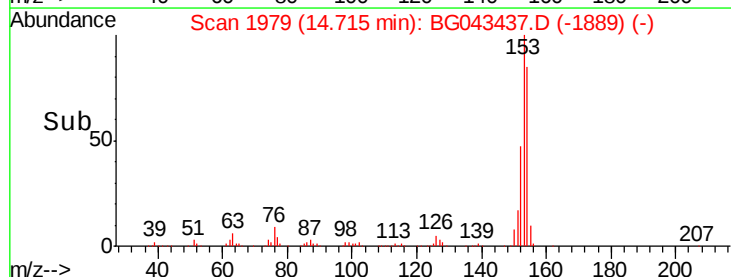
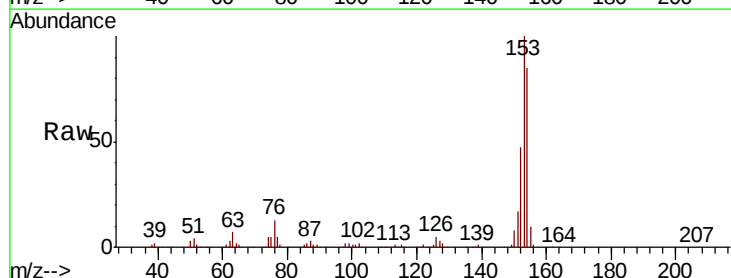
RT: 14.72 min Scan# 1979

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Tgt Ion:	154	Resp:	325929
Ion Ratio	Lower	Upper	
154	100		
153	118.2	90.9	136.3
152	56.0	43.9	65.9





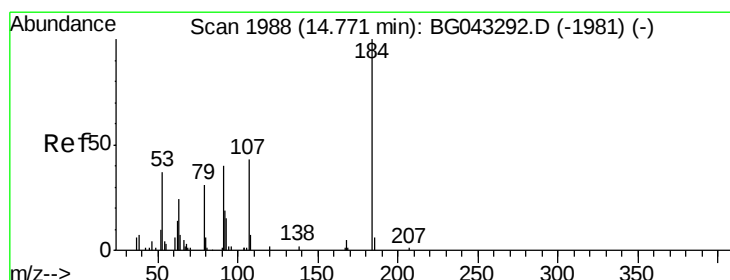
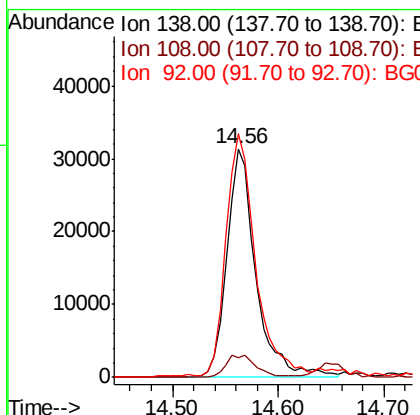
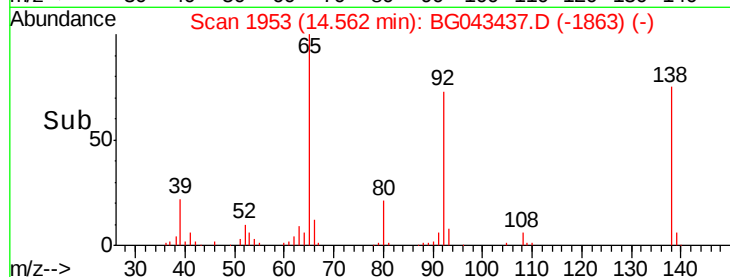
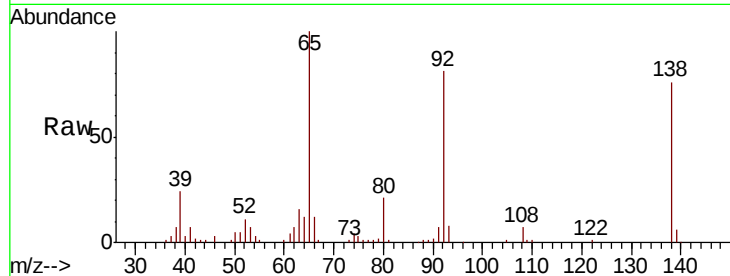
#53
3-Nitroaniline
Concen: 27.033 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
138	100		
108	8.9	9.8	14.6#
92	106.5	95.8	143.6

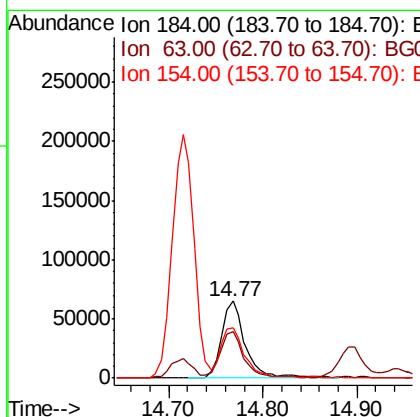
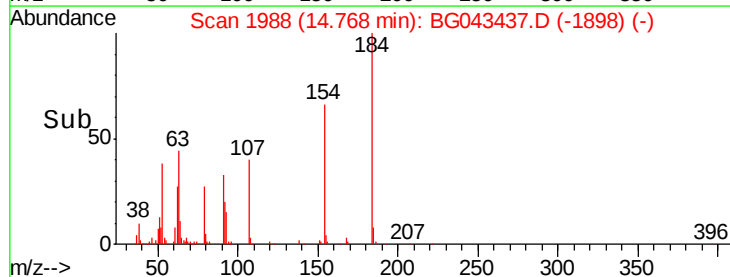
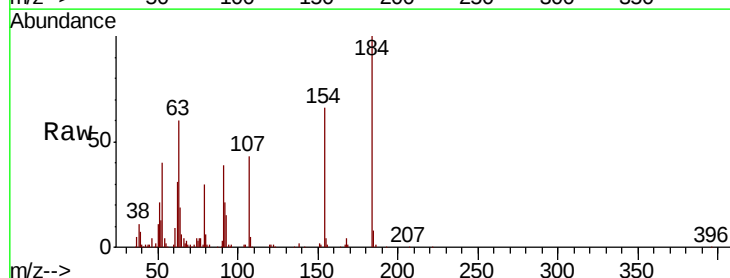
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#54
2,4-Dinitrophenol
Concen: 80.821 ng
RT: 14.77 min Scan# 1988
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
184	100		
63	60.3	48.8	73.2
154	65.5	49.4	74.0





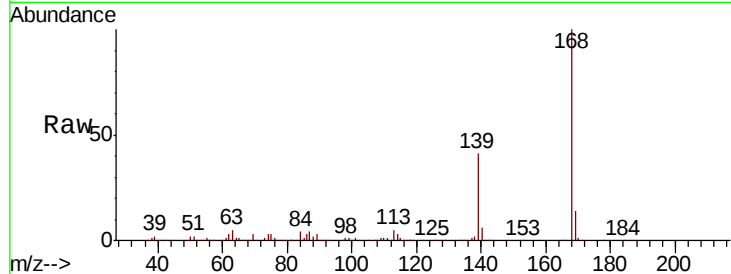
#55
Dibenzofuran
Concen: 43.907 ng
RT: 15.05 min Scan# 2036
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
168	100		
139	40.6	31.7	47.5
169	13.7	11.0	16.4

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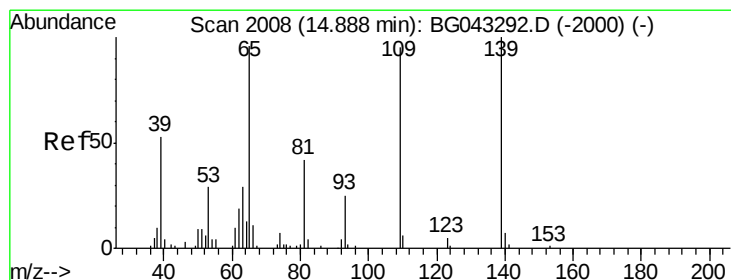
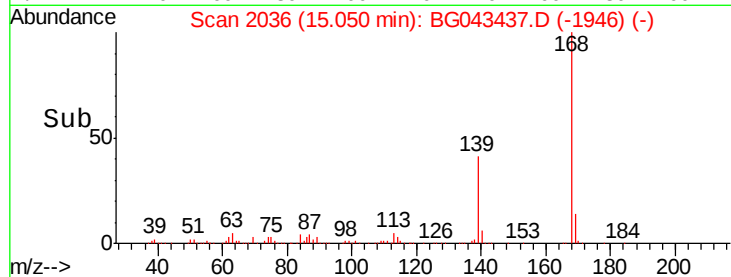
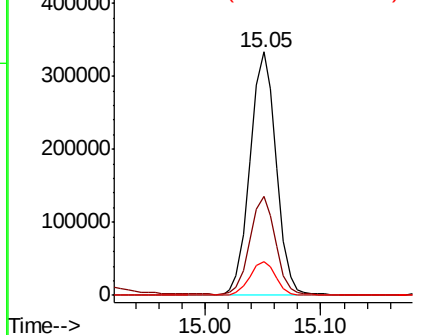


Abundance

Ion 168.00 (167.70 to 168.70): E

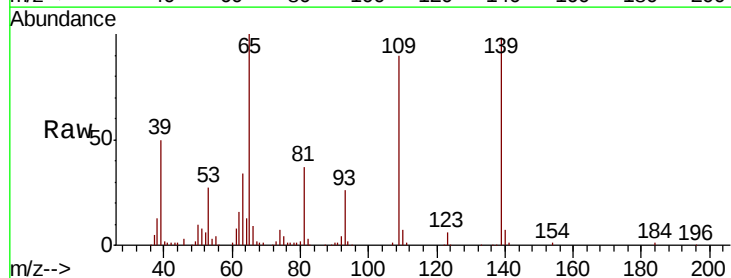
Ion 139.00 (138.70 to 139.70): E

Ion 169.00 (168.70 to 169.70): E



#56
4-Nitrophenol
Concen: 103.503 ng
RT: 14.90 min Scan# 2010
Delta R.T. 0.01 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
139	100		
109	91.4	75.4	115.4
65	102.1	76.6	116.6

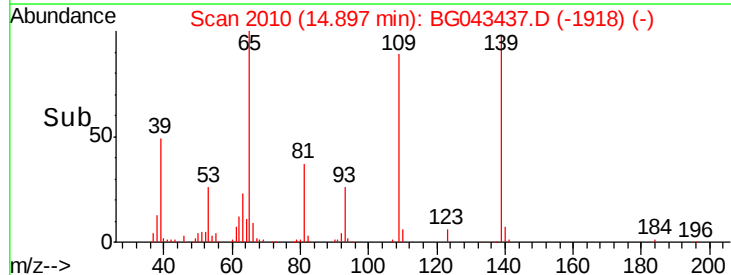
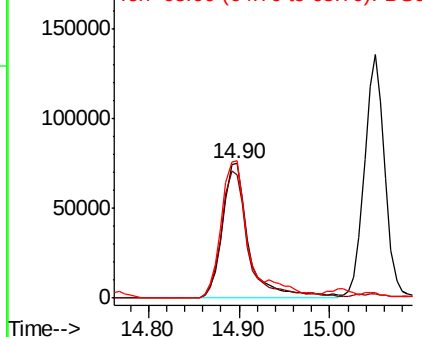


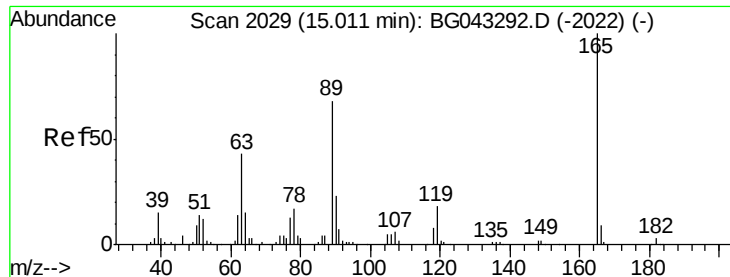
Abundance

Ion 139.00 (138.70 to 139.70): E

Ion 109.00 (108.70 to 109.70): E

Ion 65.00 (64.70 to 65.70): BGC





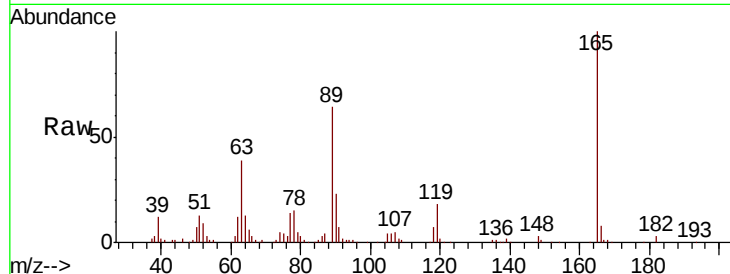
#57
2,4-Dinitrotoluene
Concen: 45.239 ng
RT: 15.01 min Scan# 2030
Delta R.T. 0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)MS

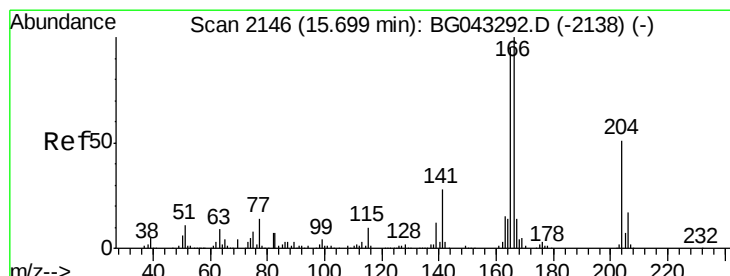
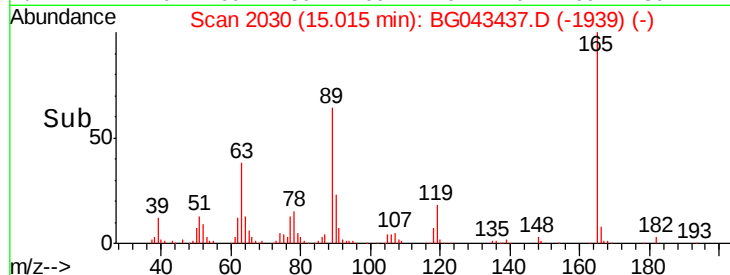
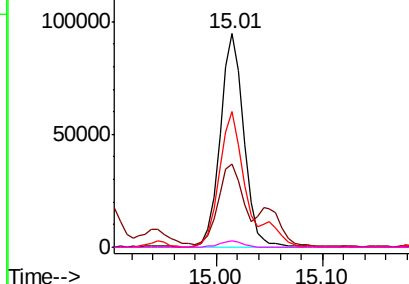
Tot Ion	Ratio	Resp	Lower	Upper
165	100	147107		
63	38.8	35.0	52.6	
89	63.7	54.1	81.1	
182	3.2	2.2	3.2	

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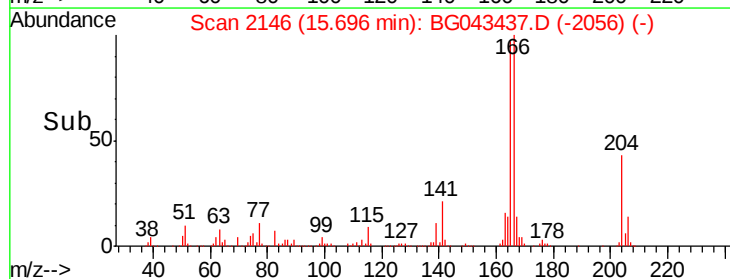
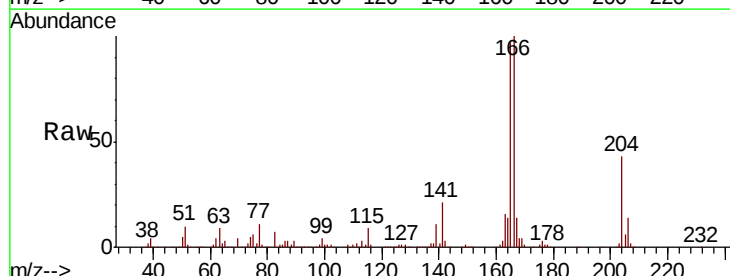
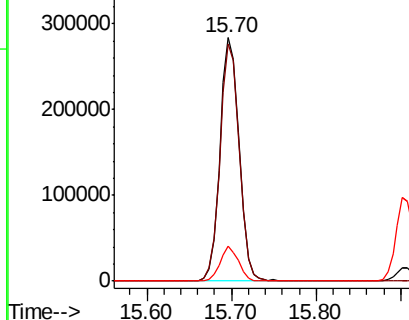
Abundance Ion 165.00 (164.70 to 165.70): E
Ion 63.00 (62.70 to 63.70): BGC
Ion 89.00 (88.70 to 89.70): BGC
Ion 182.00 (181.70 to 182.70): E

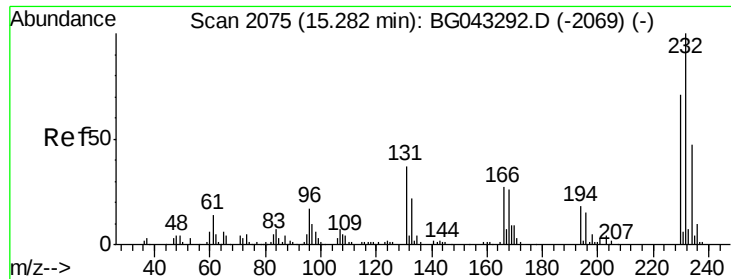


#58
Fluorene
Concen: 44.268 ng
RT: 15.70 min Scan# 2146
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	447273		
165	97.5	76.4	114.6	
167	14.1	11.1	16.7	

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





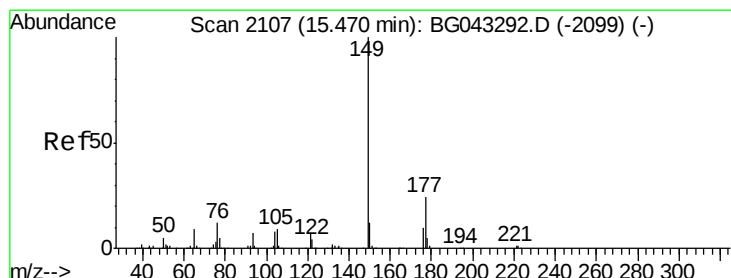
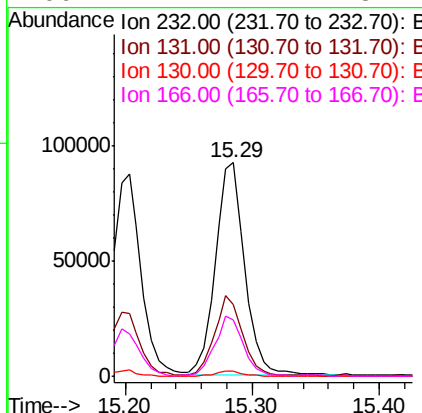
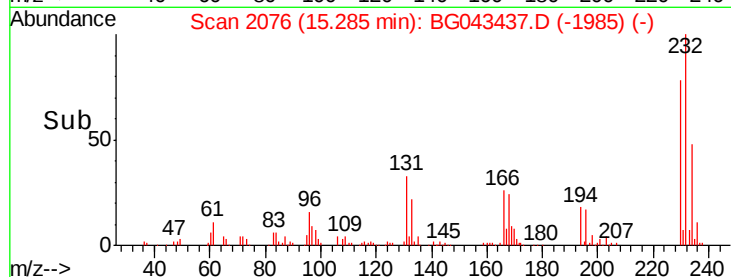
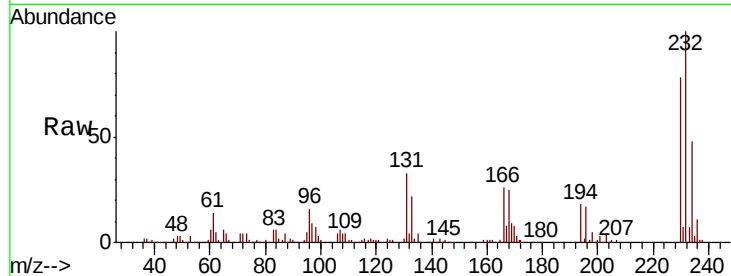
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 46.744 ng
 RT: 15.29 min Scan# 2076
 Delta R.T. 0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Instrument :
 BNA_G
 ClientSampleId :
 169-32-(0-1)MS

Tot Ion	Ratio	Resp Lower	Upper
232	100		
131	35.7	28.7	43.1
130	2.3	0.6	0.8
166	27.2	21.1	31.7

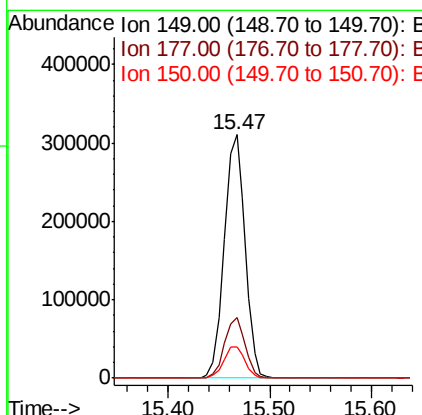
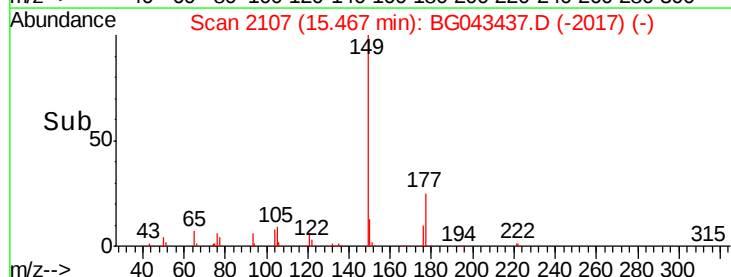
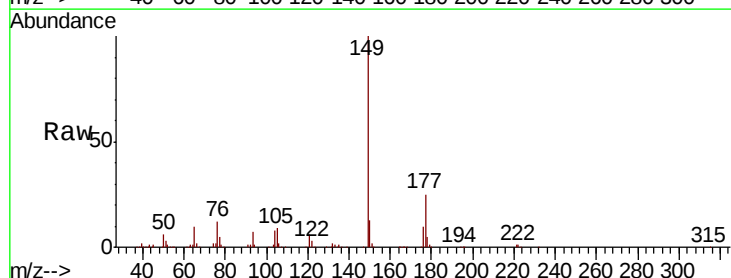
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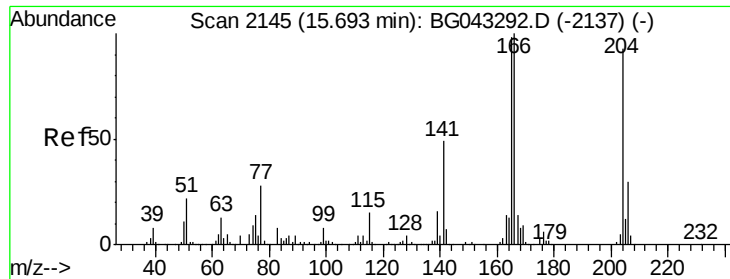
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#60
 Diethylphthalate
 Concen: 41.936 ng
 RT: 15.47 min Scan# 2107
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Resp Lower	Upper
149	100		
177	25.0	19.0	28.4
150	13.0	9.4	14.0





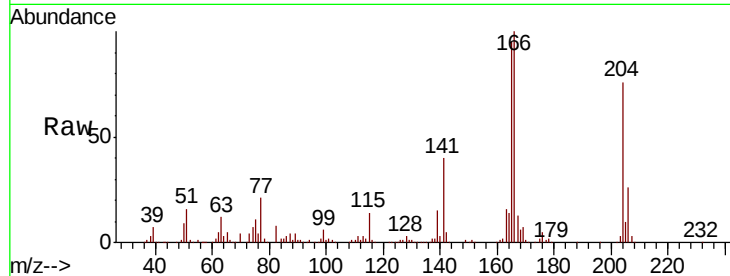
#61
4-Chlorophenyl-phenylether
Concen: 44.082 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
204	100		
206	34.5	25.7	38.5
141	52.9	42.3	63.5

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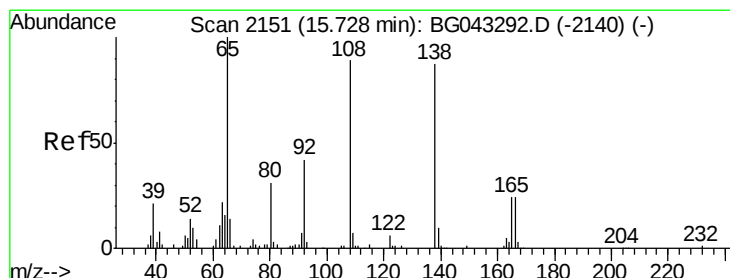
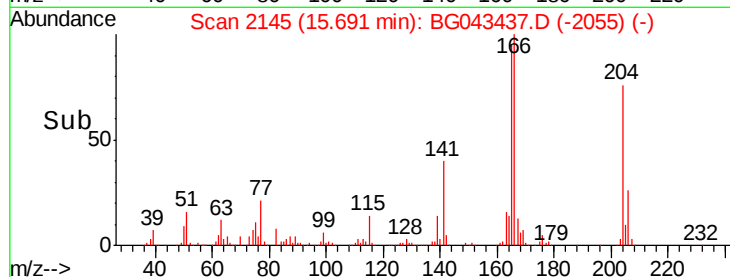
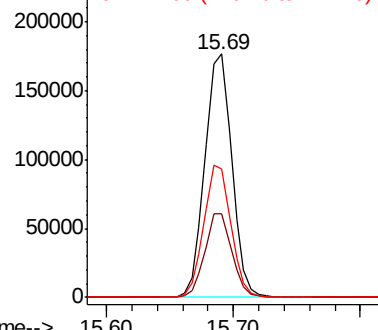


Abundance

Ion 204.00 (203.70 to 204.70): E

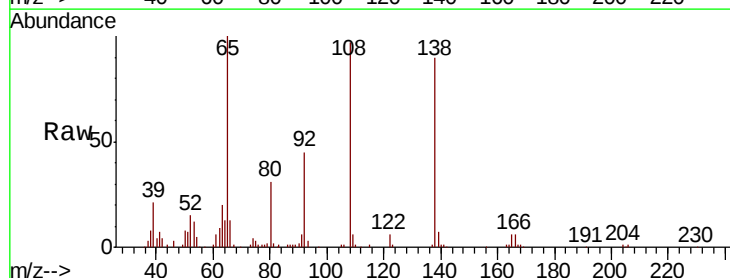
Ion 206.00 (205.70 to 206.70): E

Ion 141.00 (140.70 to 141.70): E



#62
4-Nitroaniline
Concen: 42.110 ng
RT: 15.73 min Scan# 2152
Delta R.T. 0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
138	100		
92	49.9	28.8	68.8
108	107.7	82.7	122.7

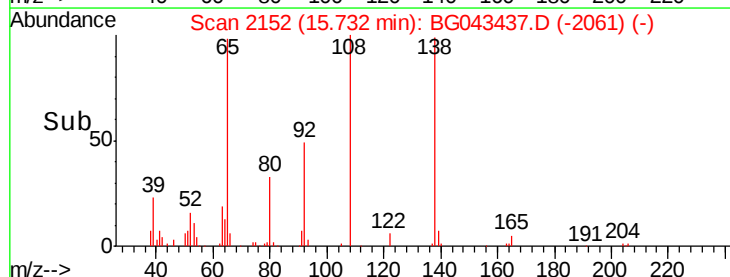
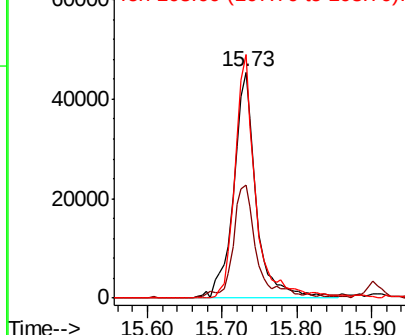


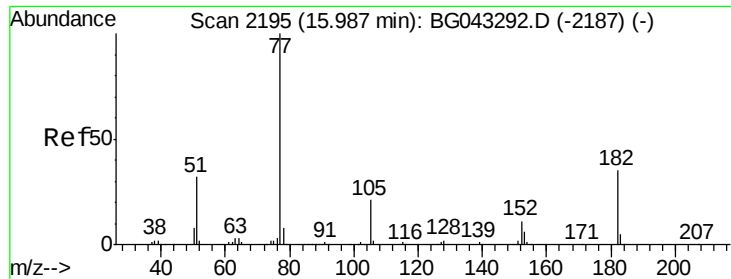
Abundance

Ion 138.00 (137.70 to 138.70): E

Ion 92.00 (91.70 to 92.70): BG

Ion 108.00 (107.70 to 108.70): E





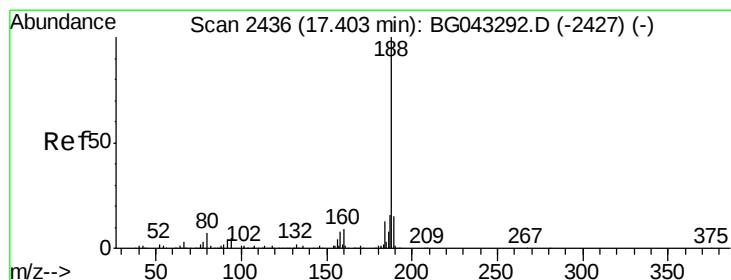
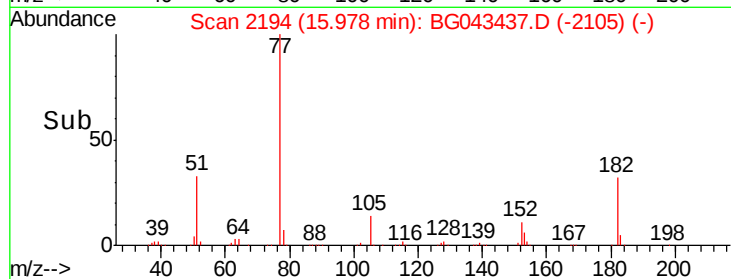
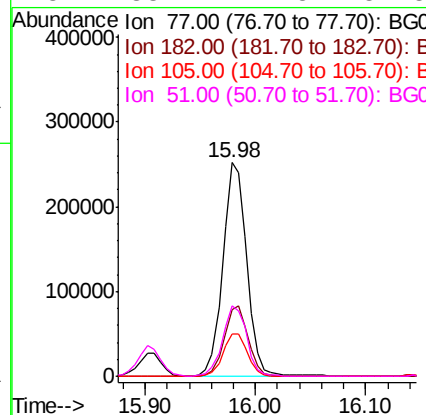
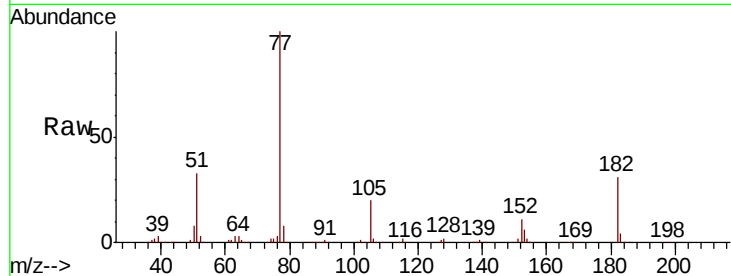
#63
Azobenzene
Concen: 44.248 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
77	100		
182	31.1	14.9	54.9
105	20.0	0.6	40.6
51	33.1	12.5	52.5

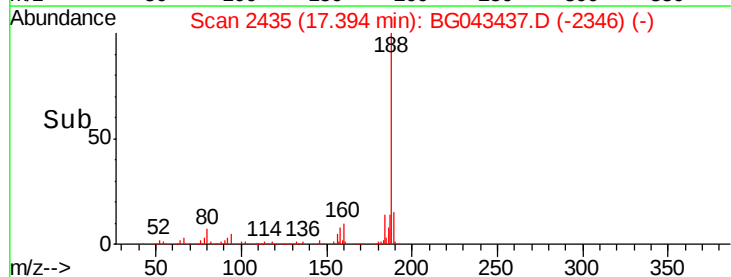
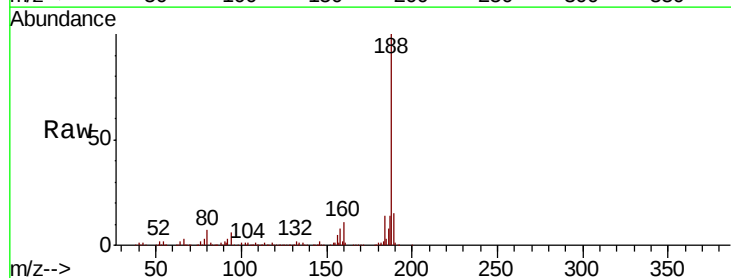
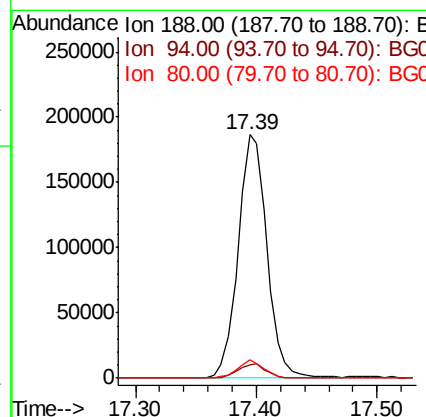
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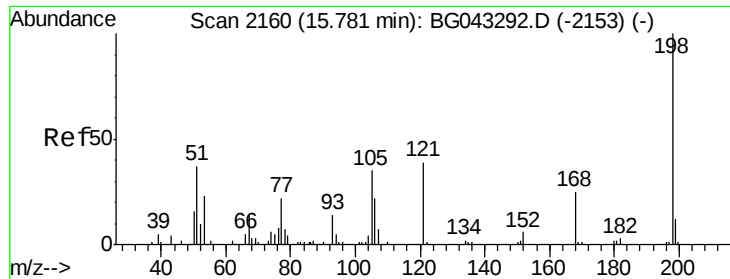
mohammad
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2435
Delta R.T. -0.01 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.2	6.2
80	7.4	5.2	7.8





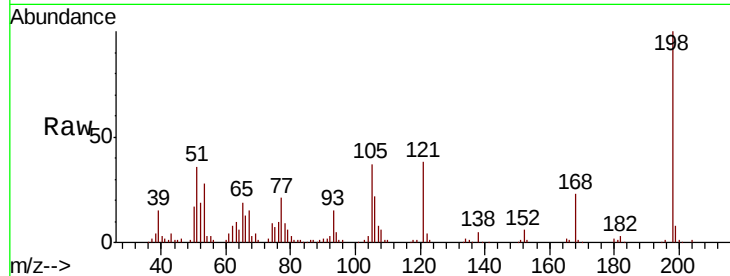
#65
 4,6-Dinitro-2-methylphenol
 Concen: 49.515 ng
 RT: 15.78 min Scan# 2160
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Instrument :
 BNA_G
 ClientSampleId :
 169-32-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	90196		
51	36.3		21.4	61.4
105	37.0		16.5	56.5

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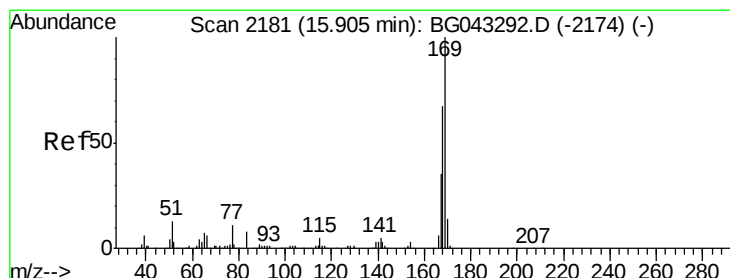
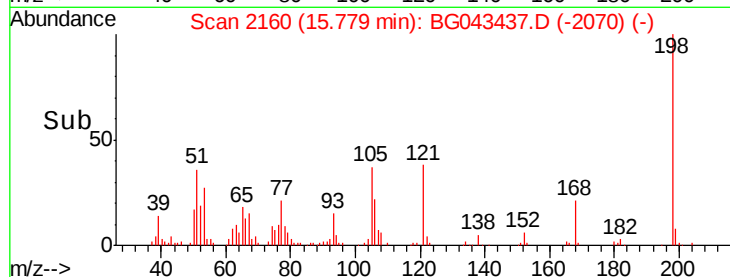
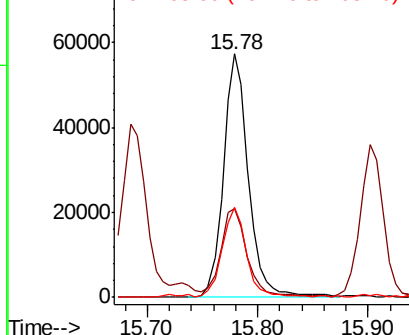


Abundance

Ion 198.00 (197.70 to 198.70): E

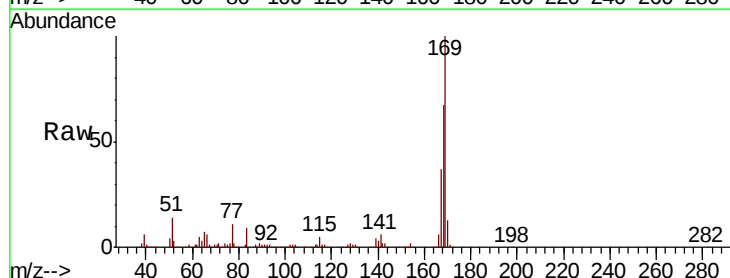
Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66
 n-Nitrosodiphenylamine
 Concen: 45.057 ng
 RT: 15.90 min Scan# 2181
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	393745		
168	67.1		53.9	80.9
167	37.1		28.3	42.5

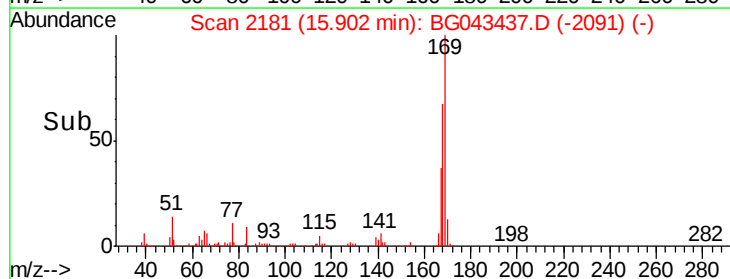
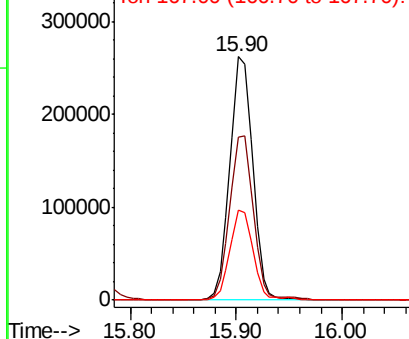


Abundance

Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





#67

4-Bromophenyl-phenylether

Concen: 44.024 ng

RT: 16.58 min Scan# 2297

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

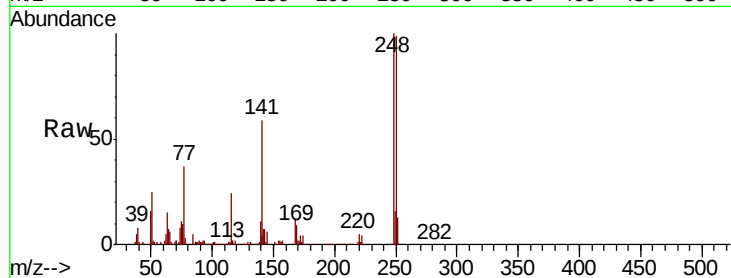
ClientSampleId :

169-32-(0-1)MS

Tot Ion:	248	Resp:	183387
Ion Ratio	Lower	Upper	
248	100		
250	98.5	79.3	118.9
141	58.7	47.9	71.9

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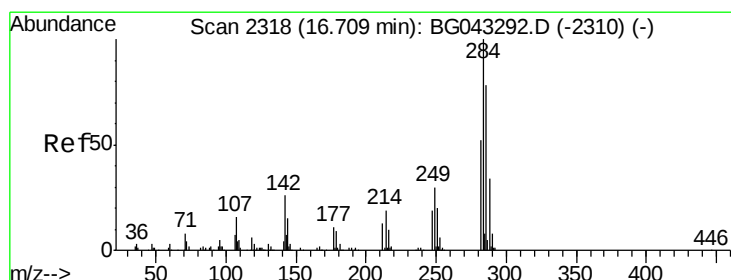
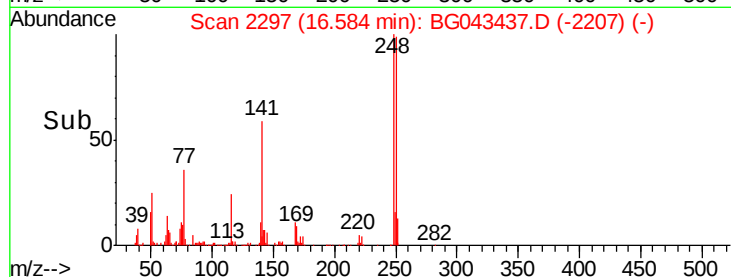
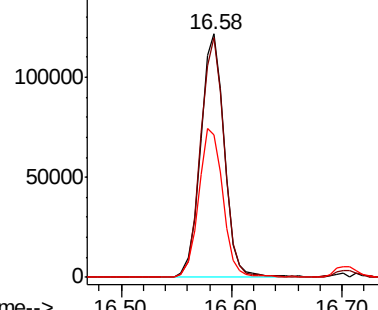


Abundance

Ion 248.00 (247.70 to 248.70): E

Ion 250.00 (249.70 to 250.70): E

Ion 141.00 (140.70 to 141.70): E



#68

Hexachlorobenzene

Concen: 42.861 ng

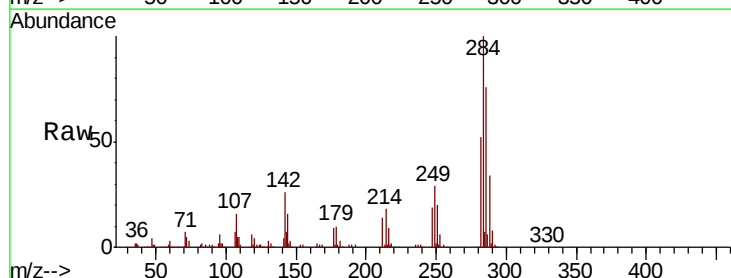
RT: 16.71 min Scan# 2318

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Tgt Ion:	284	Resp:	204942
Ion Ratio	Lower	Upper	
284	100		
142	25.5	21.1	31.7
249	29.2	24.4	36.6

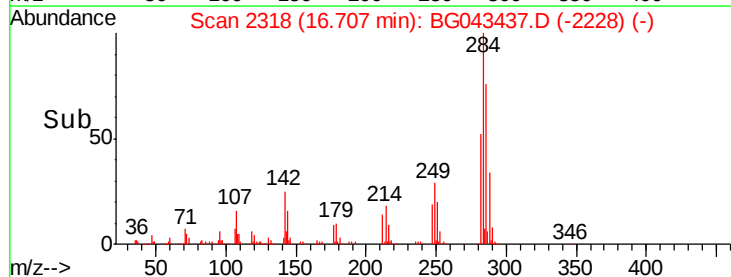
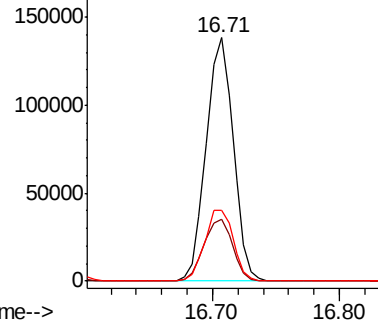


Abundance

Ion 283.80 (283.50 to 284.50): E

Ion 142.00 (141.70 to 142.70): E

Ion 249.00 (248.70 to 249.70): E





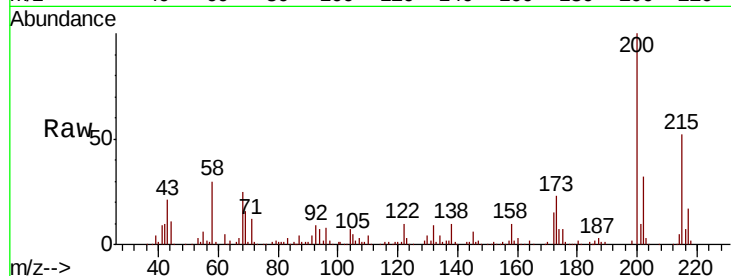
#69
Atrazine
Concen: 55.650 ng
RT: 16.85 min Scan# 2343
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Resp	Lower	Upper
200	100	168984		
173	23.1	5.1	45.1	
215	51.8	26.6	66.6	

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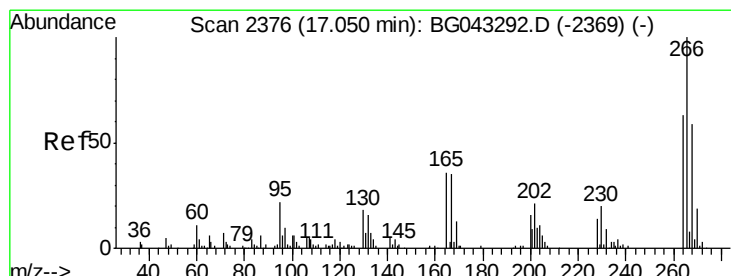
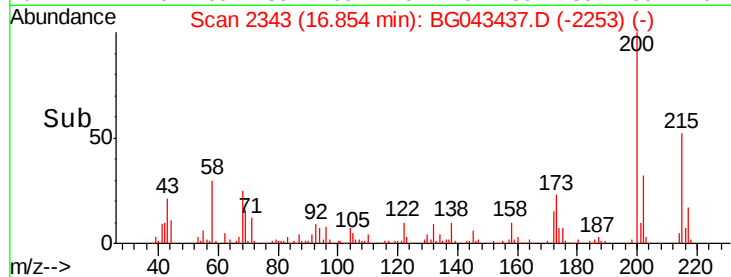
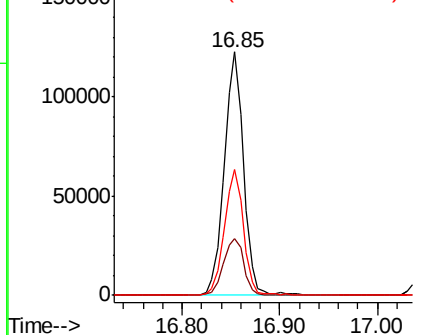


Abundance

Ion 200.00 (199.70 to 200.70): E

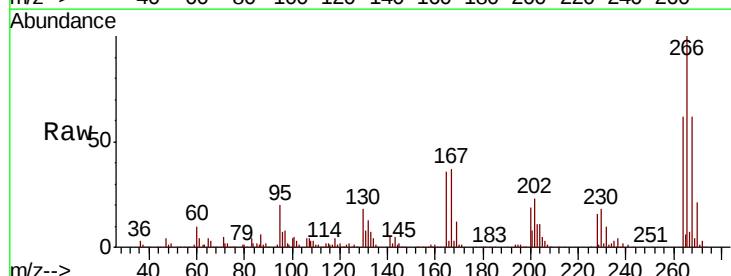
Ion 173.00 (172.70 to 173.70): E

Ion 215.00 (214.70 to 215.70): E



#70
Pentachlorophenol
Concen: 102.784 ng
RT: 17.05 min Scan# 2377
Delta R.T. 0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	223944		
268	62.3	47.1	70.7	
264	62.2	50.4	75.6	

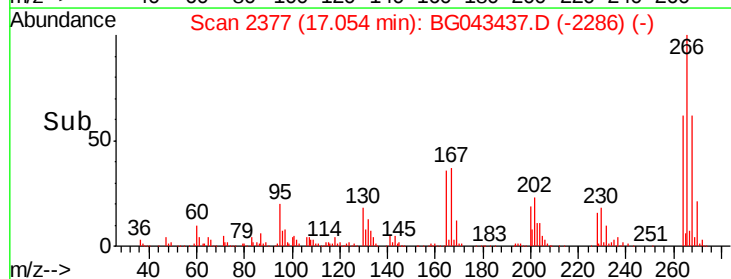
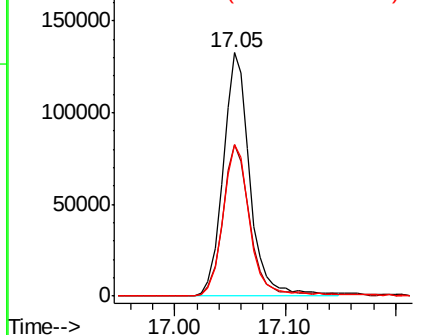


Abundance

Ion 265.70 (265.40 to 266.40): E

Ion 268.00 (267.70 to 268.70): E

Ion 264.00 (263.70 to 264.70): E





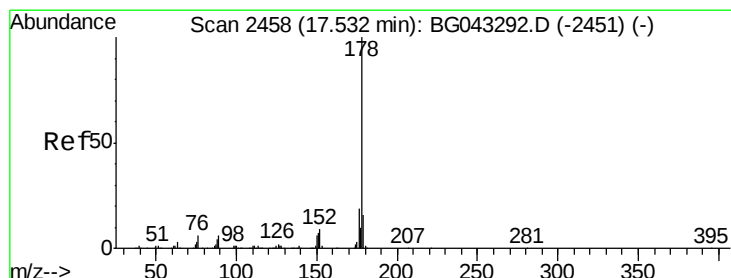
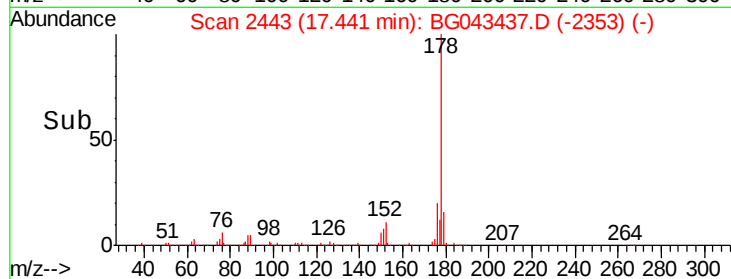
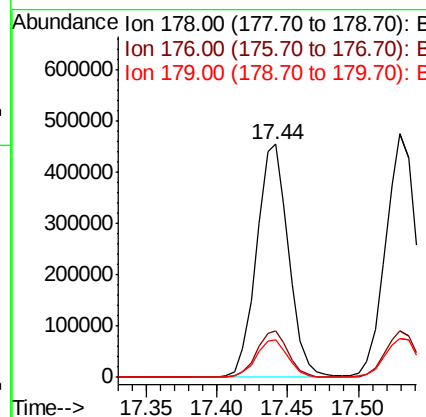
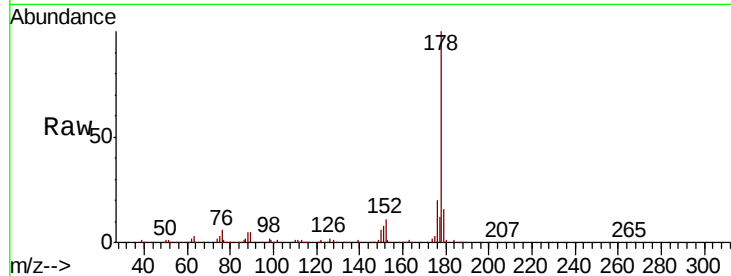
#71
Phenanthrene
Concen: 45.675 ng
RT: 17.44 min Scan# 2443
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
178	100		
176	20.0	15.8	23.8
179	15.9	13.1	19.7

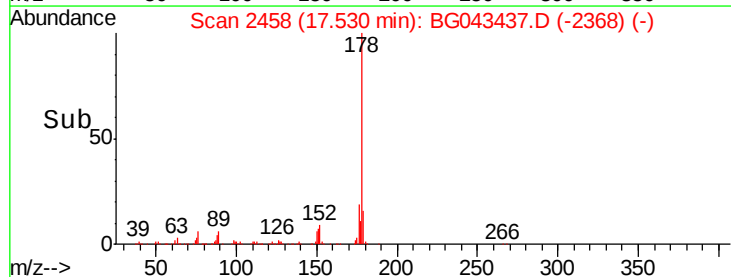
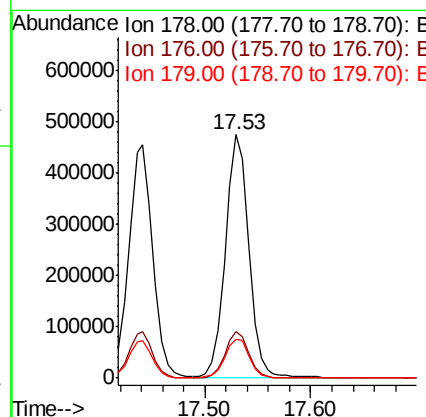
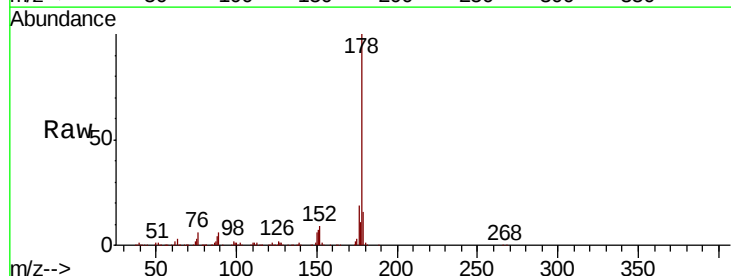
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#72
Anthracene
Concen: 46.187 ng
RT: 17.53 min Scan# 2458
Delta R.T. -0.00 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
178	100		
176	18.8	15.1	22.7
179	16.1	13.0	19.6





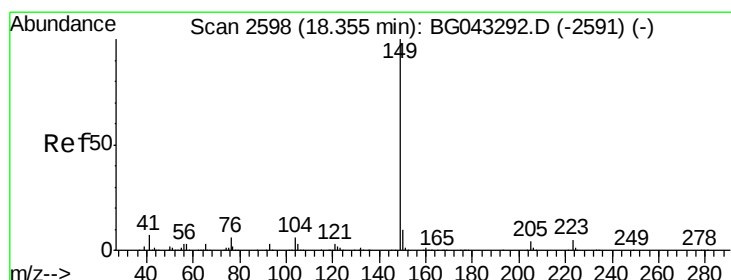
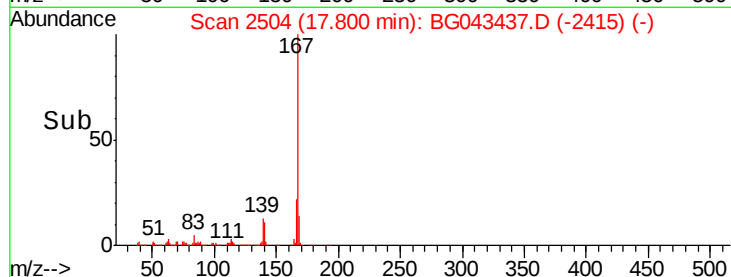
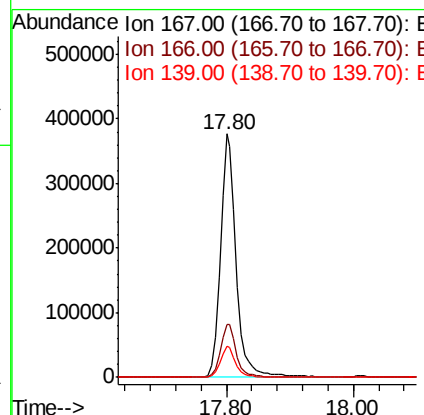
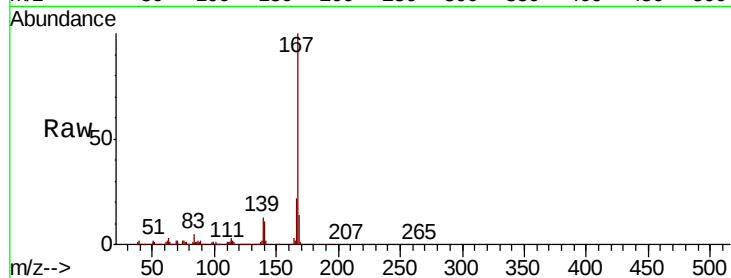
#73
 Carbazole
 Concen: 46.065 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Instrument :
 BNA_G
 ClientSampleId :
 169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.6	18.4	27.6
139	12.6	10.2	15.4

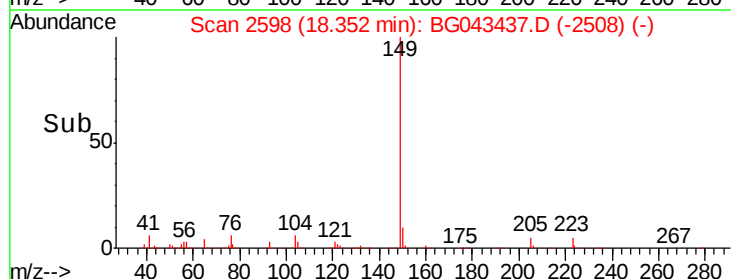
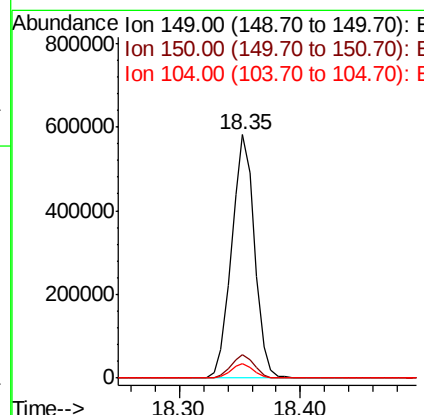
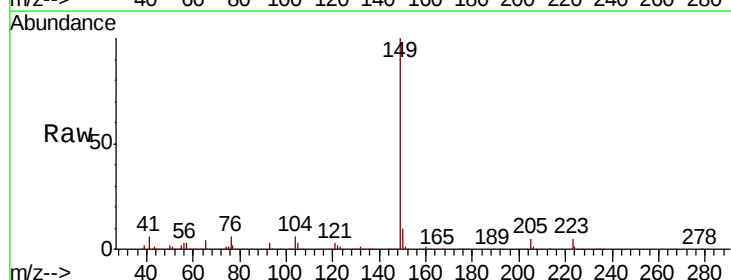
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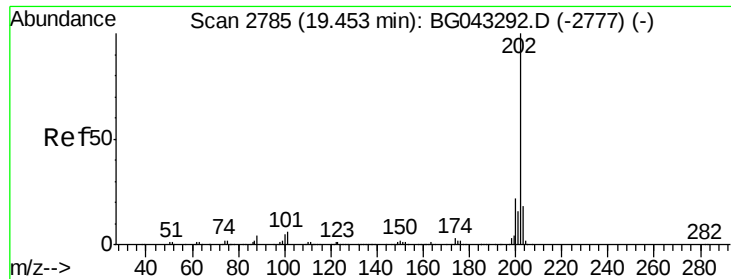
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#74
 Di-n-butylphthalate
 Concen: 43.937 ng
 RT: 18.35 min Scan# 2598
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.6	8.0	12.0
104	5.8	4.7	7.1





#75

Fluoranthene

Concen: 46.143 ng

RT: 19.44 min Scan# 2784

Delta R.T. -0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

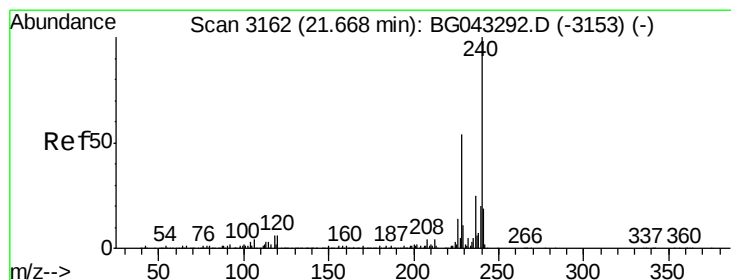
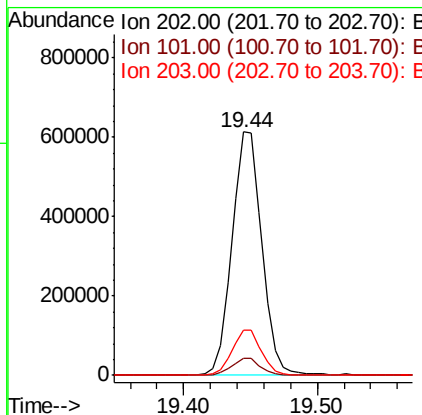
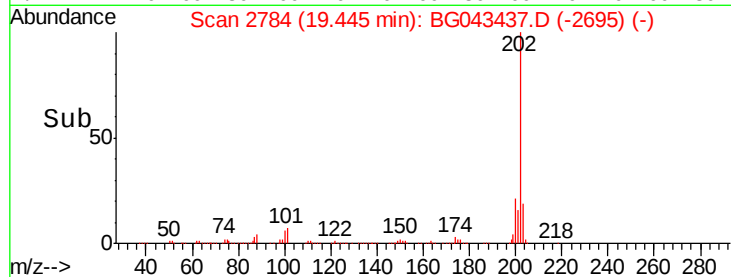
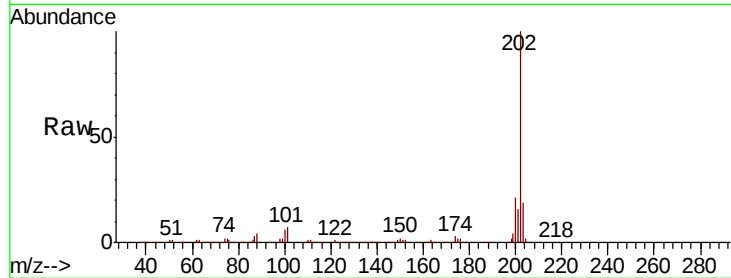
ClientSampleId :

169-32-(0-1)MS

Tot Ion:	202	Resp:	953496
Ion Ratio	Lower	Upper	
202	100		
101	6.9	0.0	26.0
203	18.8	0.0	38.2

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#76

Chrysene-d12

Concen: 20.000 ng

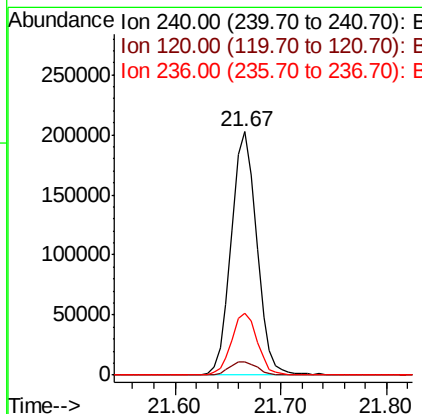
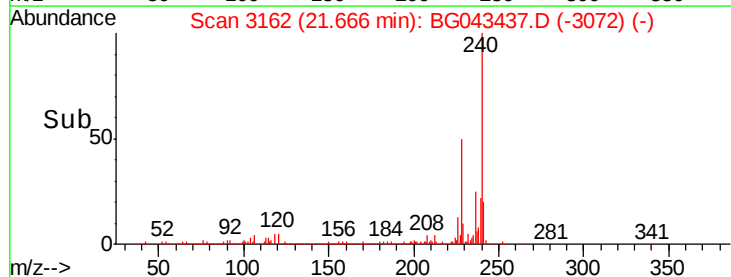
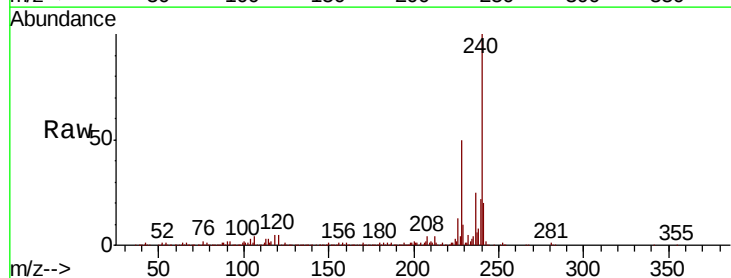
RT: 21.67 min Scan# 3162

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Tgt Ion:	240	Resp:	337812
Ion Ratio	Lower	Upper	
240	100		
120	5.3	4.6	7.0
236	25.2	20.2	30.4





#77

Benzidine

Concen: 70.104 ng

RT: 19.63 min Scan# 2816

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

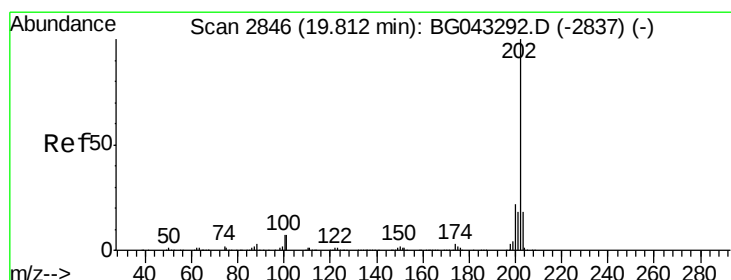
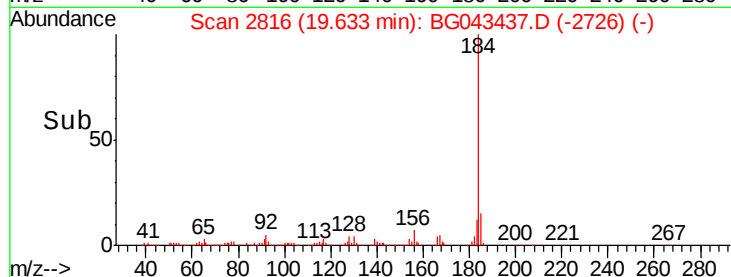
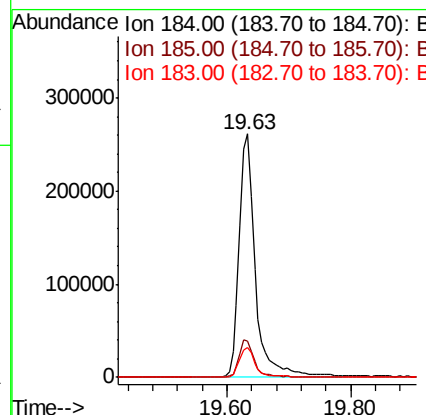
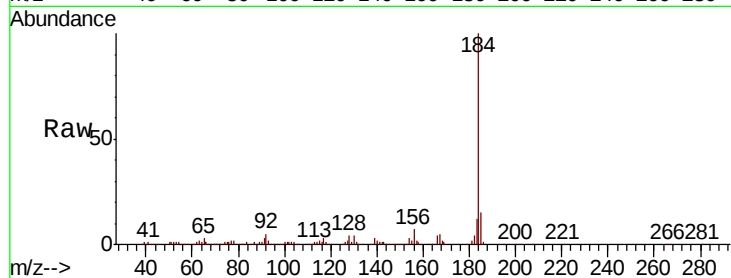
ClientSampleId :

169-32-(0-1)MS

Tot Ion:	184	Resp:	476609
Ion Ratio	Lower	Upper	
184	100		
185	14.7	11.8	17.6
183	12.3	10.6	16.0

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#78

Pyrene

Concen: 46.277 ng

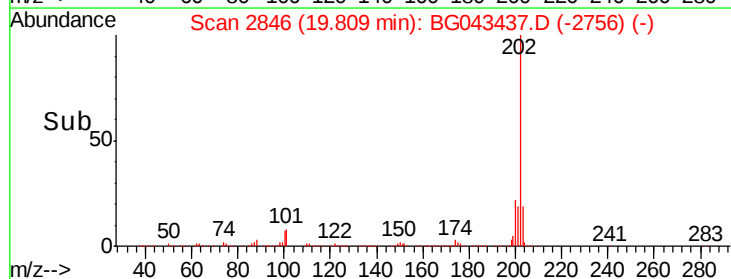
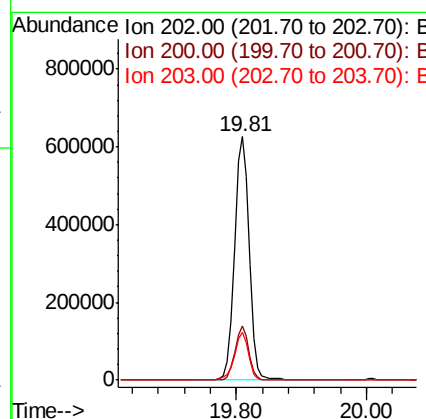
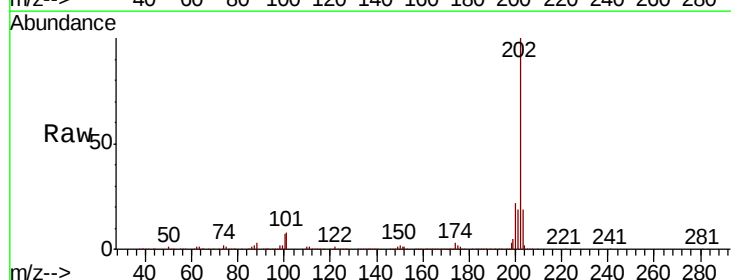
RT: 19.81 min Scan# 2846

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Tgt Ion:	202	Resp:	967651
Ion Ratio	Lower	Upper	
202	100		
200	22.5	17.3	25.9
203	19.4	14.5	21.7





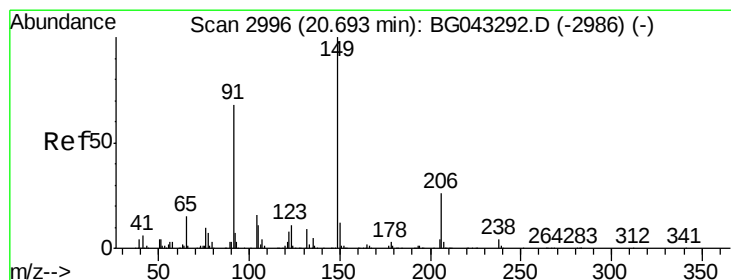
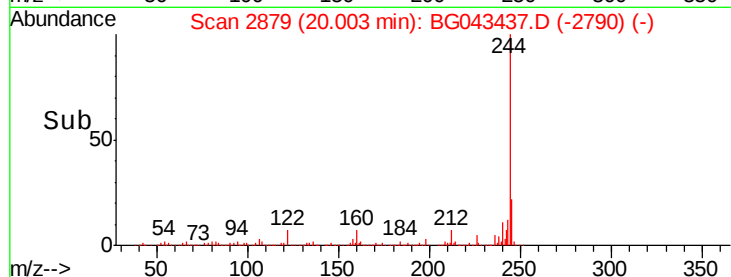
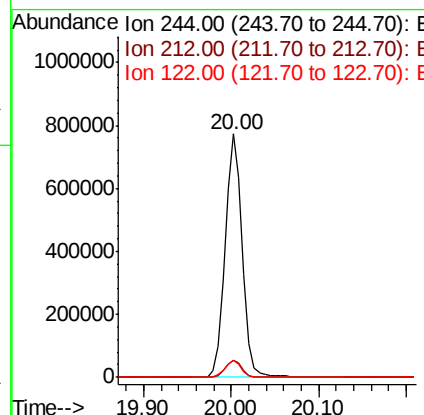
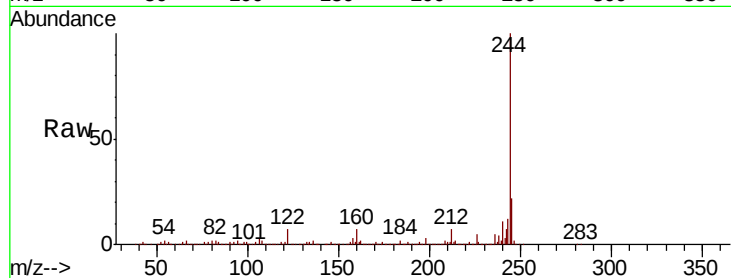
#79
 Terphenyl-d14
 Concen: 57.994 ng
 RT: 20.00 min Scan# 2879
 Delta R.T. -0.01 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Instrument :
 BNA_G
 ClientSampleId :
 169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.2	6.4	9.6
122	6.9	5.3	7.9

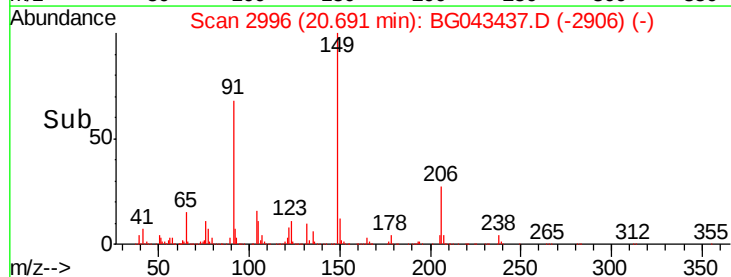
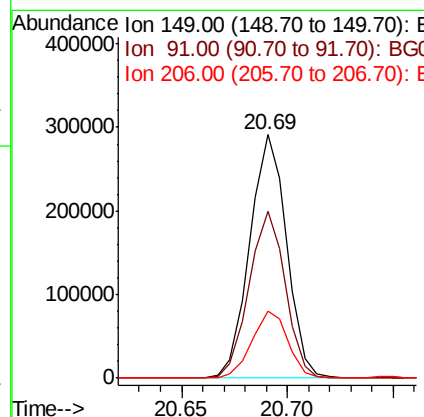
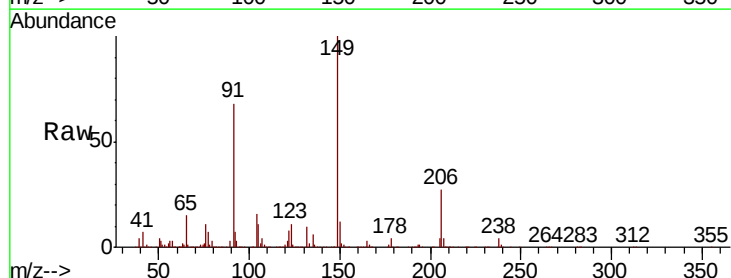
Manual Integrations
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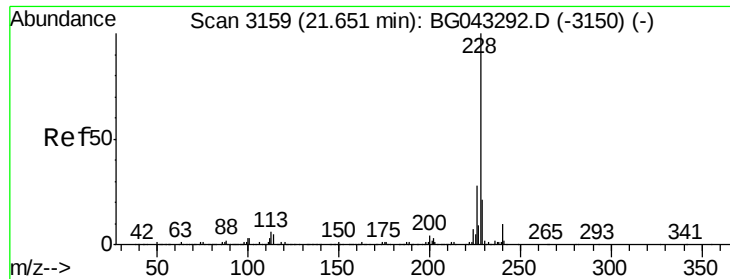
mohammad
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#80
 Butylbenzylphthalate
 Concen: 44.402 ng
 RT: 20.69 min Scan# 2996
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.4	54.6	82.0
206	27.3	20.5	30.7





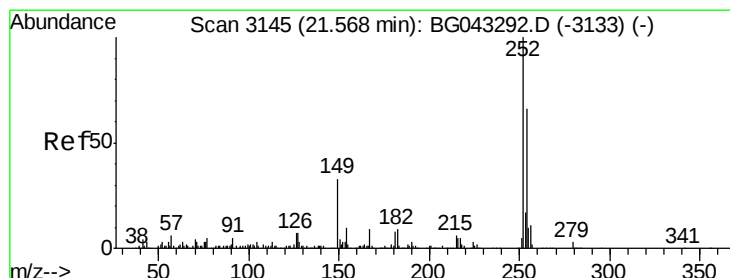
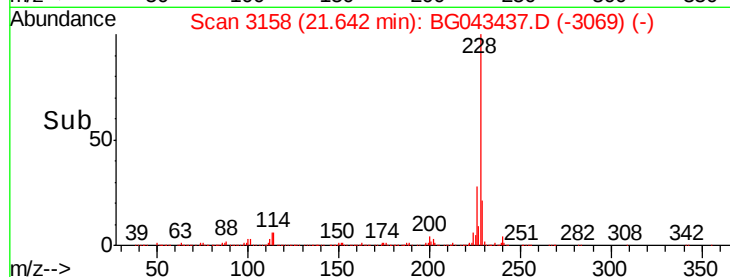
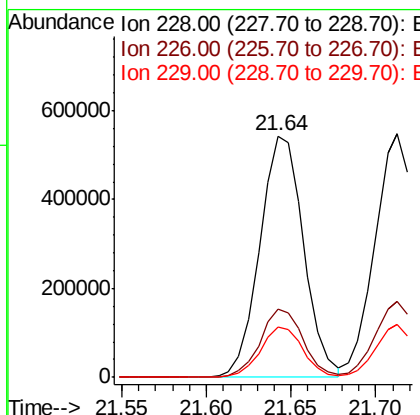
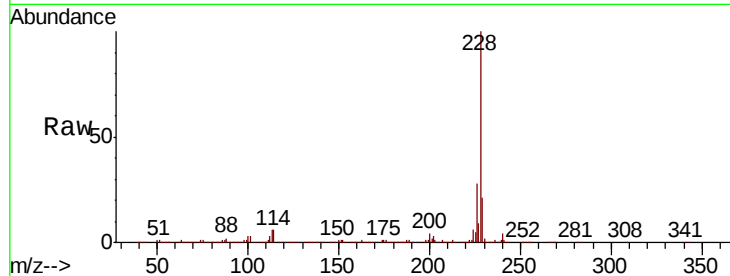
#81
Benzo(a)anthracene
Concen: 46.097 ng
RT: 21.64 min Scan# 3158
Delta R.T. -0.01 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Instrument :
BNA_G
ClientSampleId :
169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	28.0	22.2	33.4
229	20.6	16.9	25.3

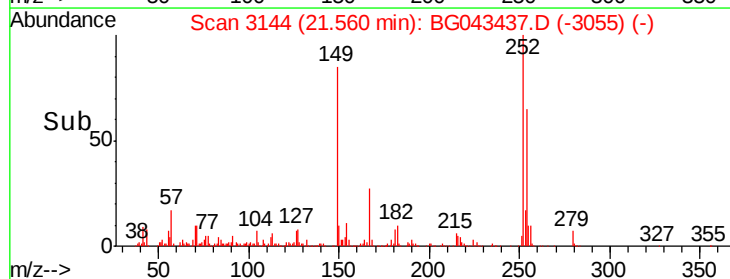
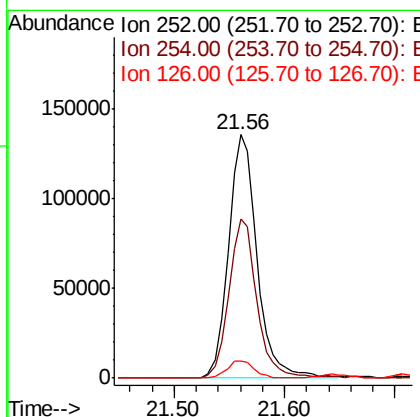
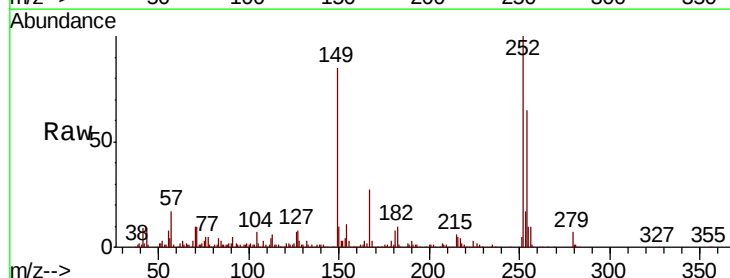
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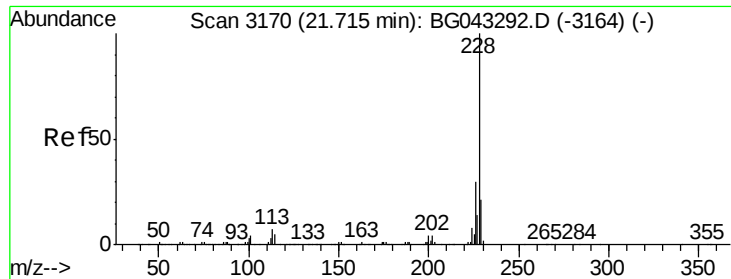
mohammad
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#82
3,3'-Dichlorobenzidine
Concen: 29.938 ng
RT: 21.56 min Scan# 3144
Delta R.T. -0.01 min
Lab File: BG043437.D
Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
252	100		
254	65.4	52.7	79.1
126	7.1	5.6	8.4





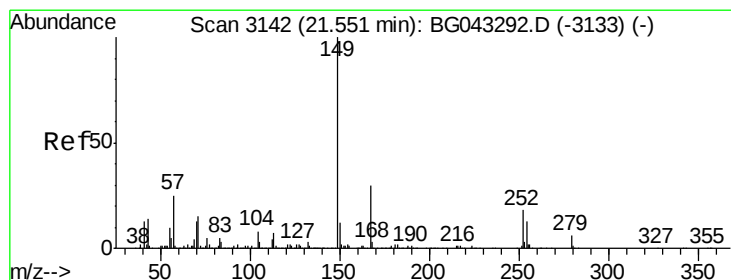
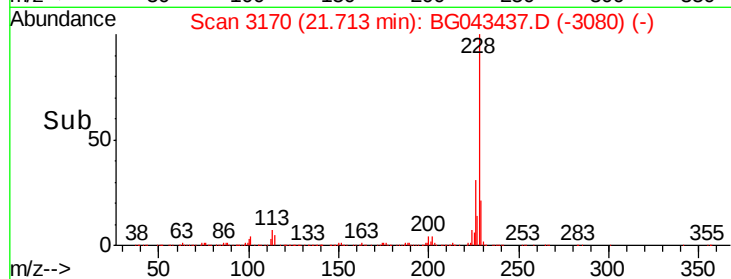
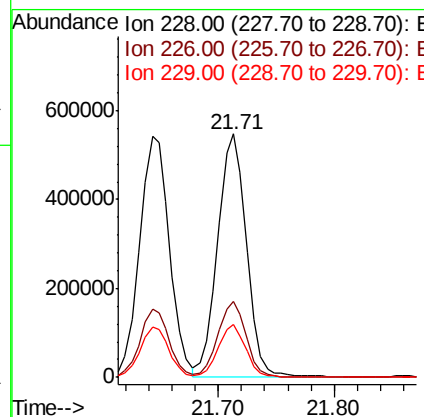
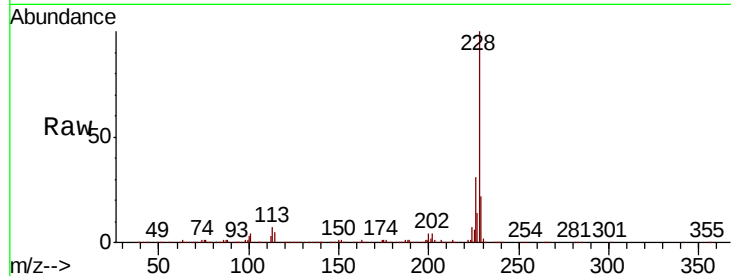
#83
 Chrvsene
 Concen: 44.921 ng
 RT: 21.71 min Scan# 3170
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Instrument :
 BNA_G
 ClientSampleId :
 169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.2	23.8	35.8
229	21.5	16.3	24.5

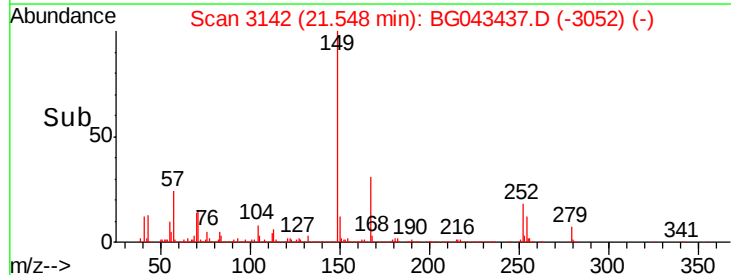
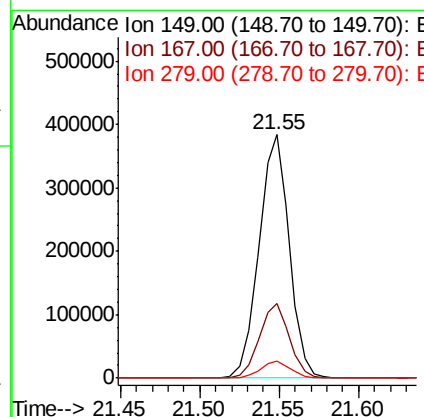
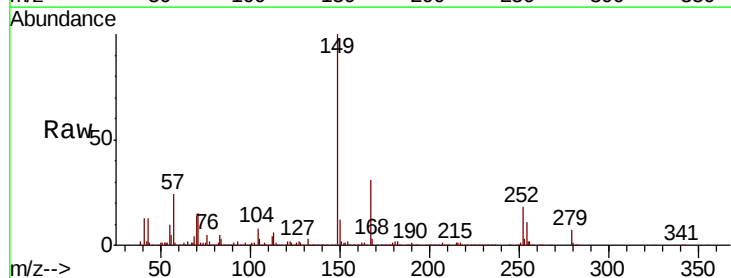
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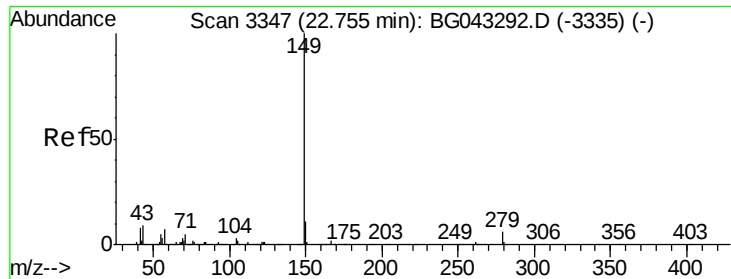
mohammad
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 45.108 ng
 RT: 21.55 min Scan# 3142
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.9	23.9	35.9
279	7.1	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 46.510 ng

RT: 22.75 min Scan# 3346

Delta R.T. -0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

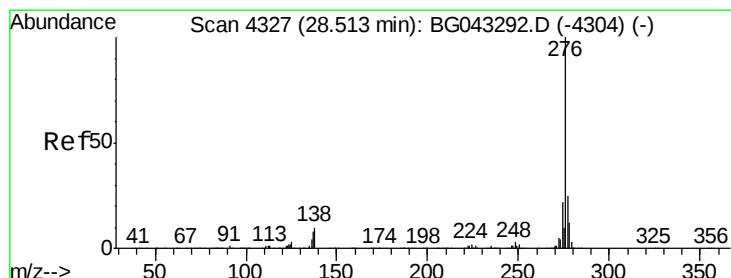
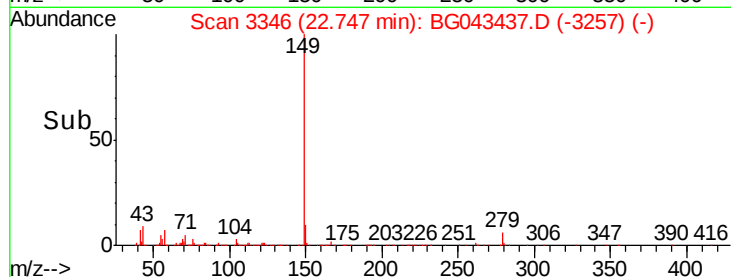
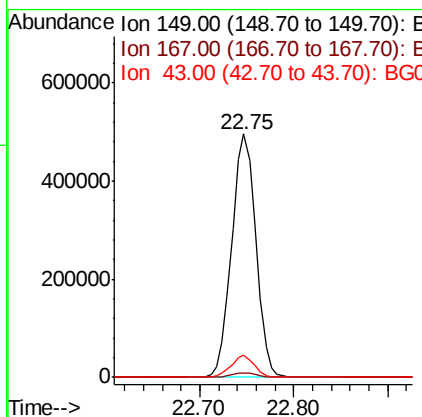
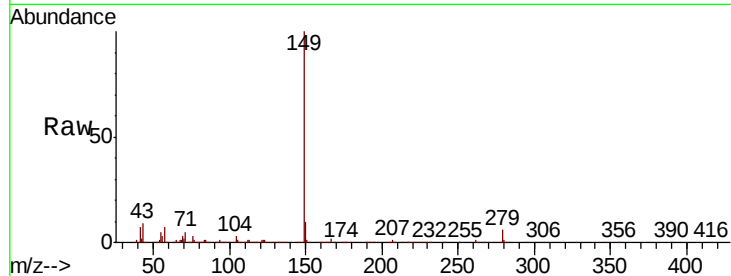
ClientSampleId :

169-32-(0-1)MS

Tot Ion:	149	Resp:	887972
Ion Ratio	Lower	Upper	
149	100		
167	1.8	1.4	2.0
43	8.5	6.9	10.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 47.890 ng

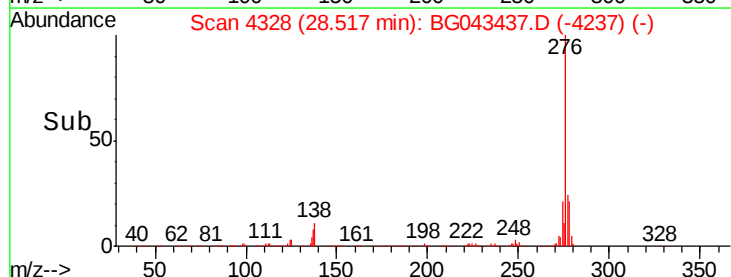
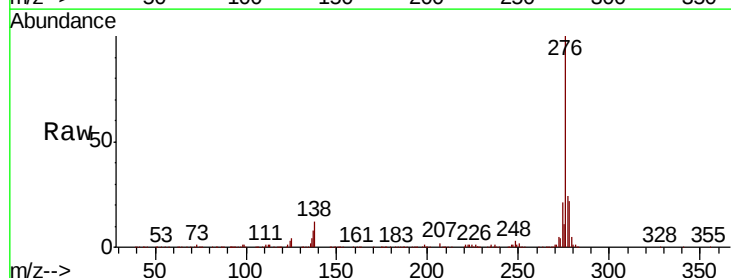
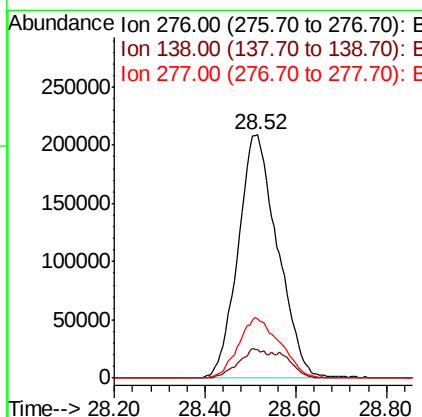
RT: 28.52 min Scan# 4328

Delta R.T. 0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Tgt Ion:	276	Resp:	1263864
Ion Ratio	Lower	Upper	
276	100		
138	8.4	7.2	10.8
277	25.9	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.86 min Scan# 3706

Delta R.T. -0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

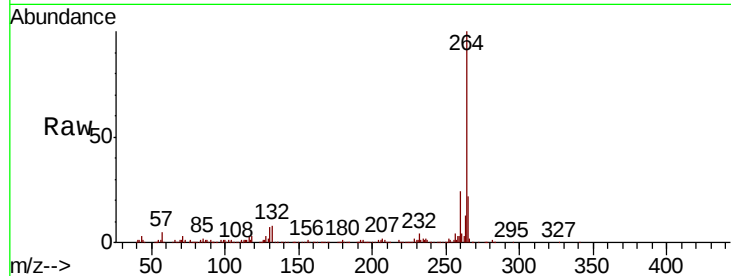
ClientSampleId :

169-32-(0-1)MS

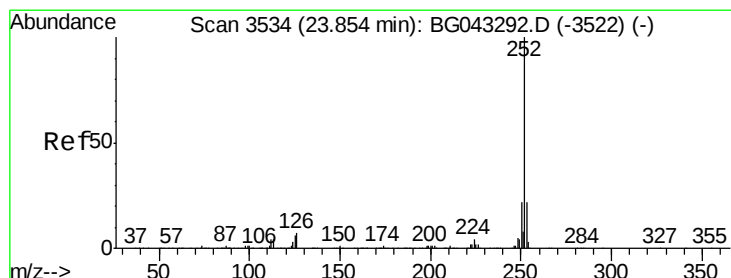
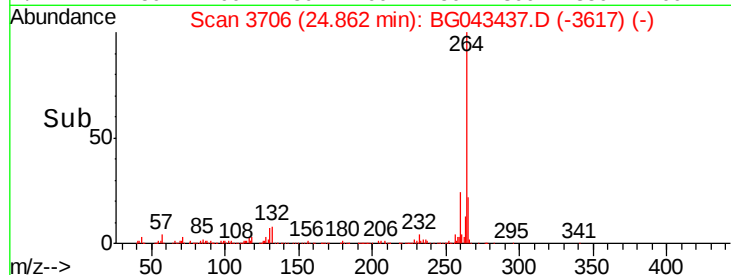
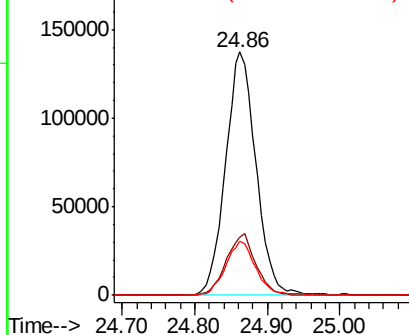
Tot Ion:	264	Resp:	401136
Ion Ratio		Lower	Upper
264	100		
260	23.6	17.9	26.9
265	22.2	17.4	26.2

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Abundance Ion 264.00 (263.70 to 264.70): E
Ion 260.00 (259.70 to 260.70): E
Ion 265.00 (264.70 to 265.70): E



#88

Benzo(b)fluoranthene

Concen: 45.687 ng

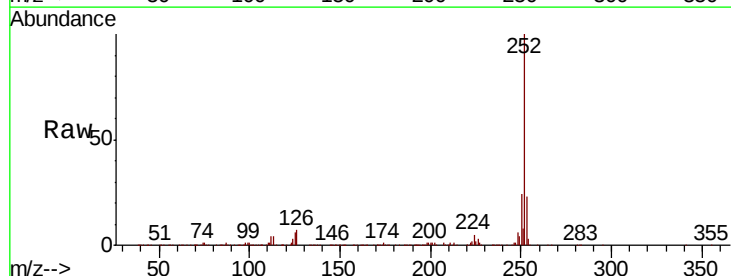
RT: 23.85 min Scan# 3534

Delta R.T. -0.00 min

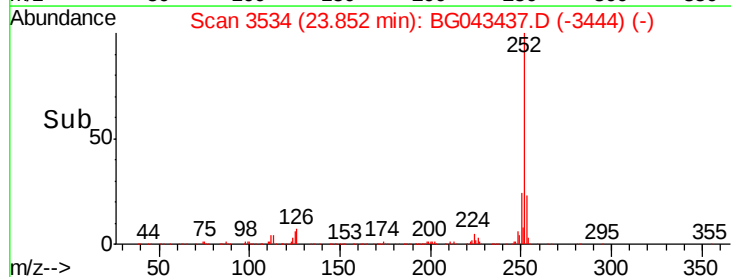
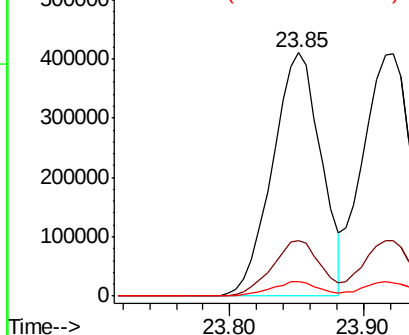
Lab File: BG043437.D

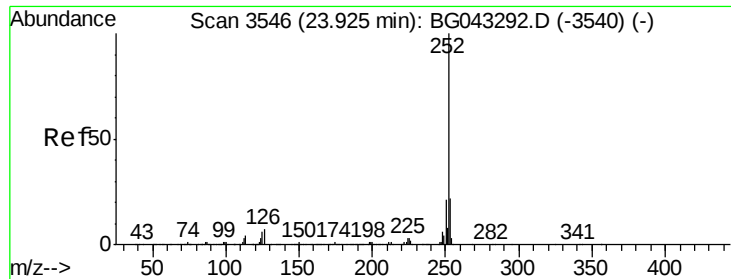
Acq: 31 Oct 2019 17:06

Tgt Ion:	252	Resp:	1037962
Ion Ratio		Lower	Upper
252	100		
253	22.9	17.4	26.2
125	6.0	5.0	7.6



Abundance Ion 252.00 (251.70 to 252.70): E
Ion 253.00 (252.70 to 253.70): E
Ion 125.00 (124.70 to 125.70): E





#89

Benzo(k)fluoranthene

Concen: 45.530 ng

RT: 23.92 min Scan# 3546

Delta R.T. -0.00 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

Instrument :

BNA_G

ClientSampleId :

169-32-(0-1)MS

Tot Ion:252 Resp: 1041332

Ion Ratio Lower Upper

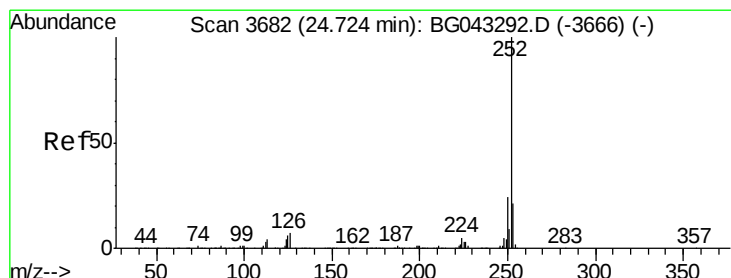
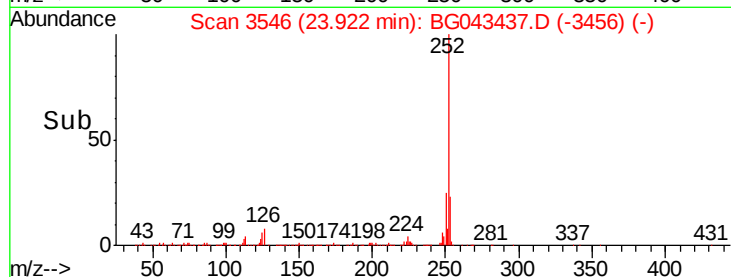
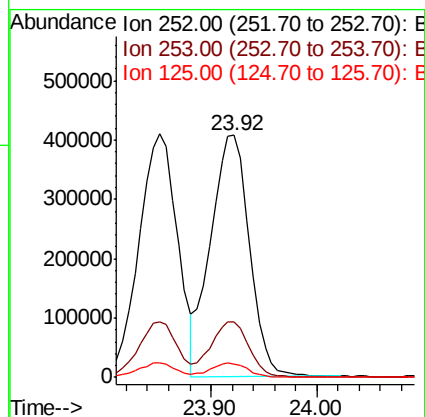
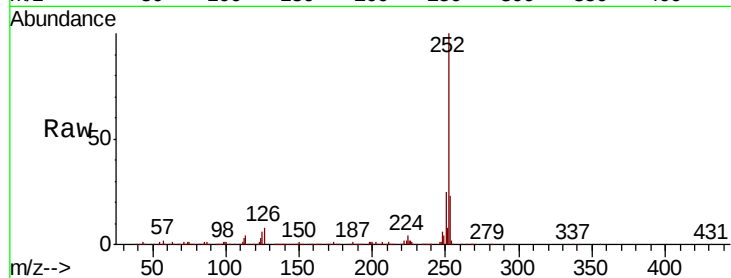
252 100

253 22.9 17.6 26.4

125 5.6 4.5 6.7

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#90

Benzo(a)pyrene

Concen: 45.074 ng

RT: 24.72 min Scan# 3681

Delta R.T. -0.01 min

Lab File: BG043437.D

Acq: 31 Oct 2019 17:06

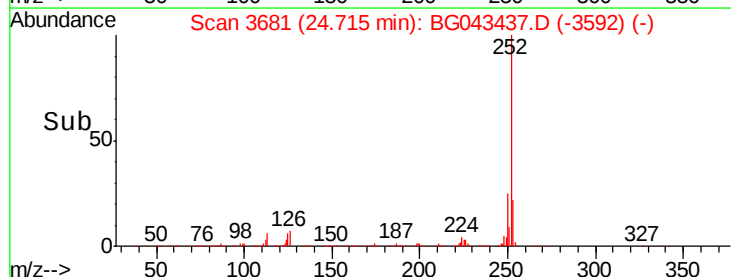
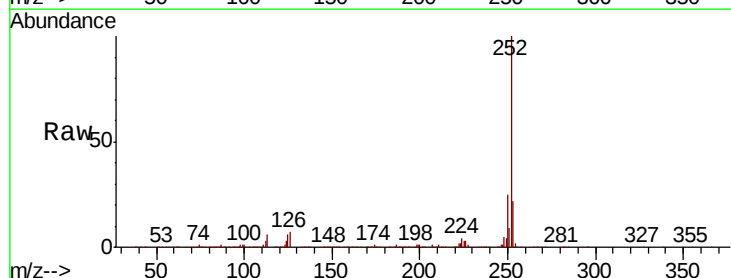
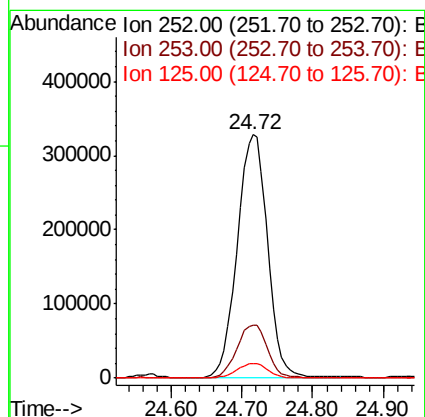
Tgt Ion:252 Resp: 977892

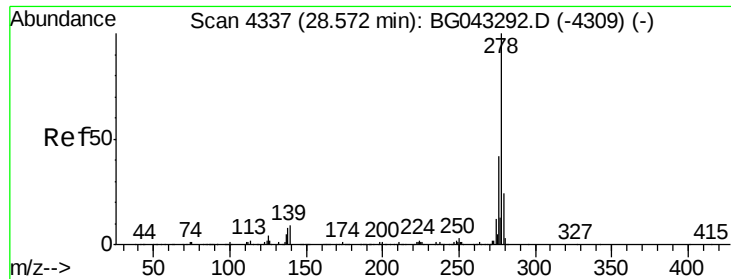
Ion Ratio Lower Upper

252 100

253 21.7 17.2 25.8

125 6.1 5.0 7.6





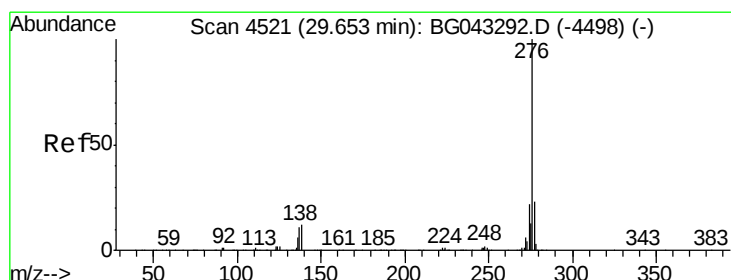
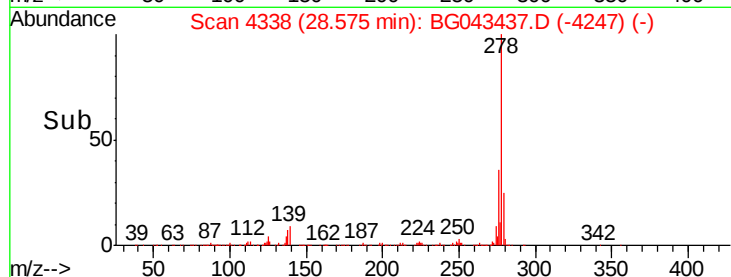
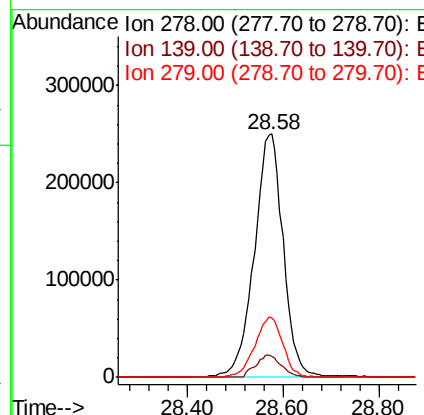
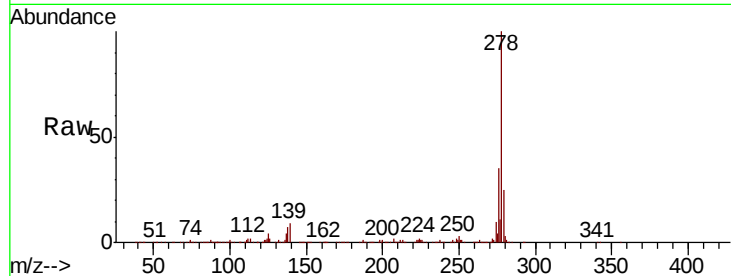
#91
 Dibenzo(a,h)anthracene
 Concen: 47.052 ng
 RT: 28.58 min Scan# 4338
 Delta R.T. 0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Instrument :
 BNA_G
 ClientSampleId :
 169-32-(0-1)MS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.8	6.8	10.2
279	24.6	19.0	28.6

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#92
 Benzo(g,h,i)perylene
 Concen: 48.247 ng
 RT: 29.65 min Scan# 4521
 Delta R.T. -0.00 min
 Lab File: BG043437.D
 Acq: 31 Oct 2019 17:06

Tgt Ion	Ratio	Lower	Upper
276	100		
277	23.9	18.3	27.5
138	11.5	9.3	13.9

