

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG103019\
 Data File : BG043412.D
 Acq On : 30 Oct 2019 22:29
 Operator : JU
 Sample : K5599-01MS
 Misc :
 ALS Vial : 13 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 Z3-20AMS

Manual Integrations
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mohammad
 10/31/2019 2:52:06 PM

Quant Time: Oct 31 06:32:33 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	45164	20.00	ng	0.00
21) Naphthalene-d8	10.83	136	178952	20.00	ng	0.00
39) Acenaphthene-d10	14.65	164	128971	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	300407	20.00	ng	-0.01
76) Chrysene-d12	21.66	240	329984	20.00	ng	0.00
87) Perylene-d12	24.85	264	395306	20.00	ng	-0.02

System Monitoring Compounds	R.T.	QIon	Response	Conc	Units	Dev(Min)
5) 2-Fluorophenol	5.61	112	220327	89.39	ng	0.00
7) Phenol-d6	7.21	99	318316	89.77	ng	0.00
23) Nitrobenzene-d5	9.18	82	190893	54.99	ng	0.00
42) 2,4,6-Tribromophenol	16.14	330	199409	81.25	ng	0.00
45) 2-Fluorobiphenyl	13.27	172	519421	55.65	ng	0.00
79) Terphenyl-d14	20.00	244	1015283	57.72	ng	-0.01

Target Compounds	R.T.	QIon	Response	Conc	Units	Qvalue
2) 1,4-Dioxane	3.48	88	26422	27.510	ng	# 93
3) Pyridine	3.88	79	65132	26.883	ng	98
4) n-Nitrosodimethylamine	3.80	42	40988	33.526	ng	97
6) Aniline	7.35	93	79758	19.525	ng	97
8) 2-Chlorophenol	7.60	128	97879	35.975	ng	97
9) Benzaldehyde	7.16	77	47393	27.195	ng	82
10) Phenol	7.23	94	125663	38.780	ng	97
11) bis(2-Chloroethyl)ether	7.44	93	75910	30.300	ng	96
12) 1,3-Dichlorobenzene	7.91	146	104739	30.726	ng	94
13) 1,4-Dichlorobenzene	8.05	146	106296	30.820	ng	100
14) 1,2-Dichlorobenzene	8.37	146	101404	30.113	ng	97
15) Benzyl Alcohol	8.27	79	85170	34.199	ng	91
16) 2,2'-oxybis(1-Chloropropan	8.55	45	106003	29.099	ng	97
17) 2-Methylphenol	8.48	107	80062	33.892	ng	98
18) Hexachloroethane	9.11	117	37499	30.136	ng	95
19) n-Nitroso-di-n-propylamine	8.82	70	69876	30.495	ng	99
20) 3+4-Methylphenols	8.81	107	105843	32.675	ng	91
22) Acetophenone	8.84	105	136142	29.707	ng	98
24) Nitrobenzene	9.22	77	106759	32.286	ng	97
25) Isophorone	9.75	82	197819	31.171	ng	96
26) 2-Nitrophenol	9.93	139	54047	33.856	ng	93
27) 2,4-Dimethylphenol	10.01	122	90009	39.339	ng	99
28) bis(2-Chloroethoxy)methane	10.23	93	107276	30.628	ng	98
29) 2,4-Dichlorophenol	10.49	162	100607	34.318	ng	94
30) 1,2,4-Trichlorobenzene	10.69	180	113969	30.845	ng	98
31) Naphthalene	10.87	128	293347	32.294	ng	99
32) Benzoic acid	10.16	122	42409	28.747	ng	97
33) 4-Chloroaniline	11.00	127	42815	11.499	ng	93
34) Hexachlorobutadiene	11.16	225	80324	29.408	ng	95
35) Caprolactam	11.76	113	31485m	31.184	ng	
36) 4-Chloro-3-methylphenol	12.13	107	107079	33.485	ng	100
37) 2-Methylnaphthalene	12.48	142	224037	32.145	ng	95
38) 1-Methylnaphthalene	12.70	142	217280	32.765	ng	98
40) 1,2,4,5-Tetrachlorobenzene	12.85	216	146452	30.683	ng	99

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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.83	237	163192	65.087	ng	95
43) 2,4,6-Trichlorophenol	13.09	196	97651	34.740	ng	97
44) 2,4,5-Trichlorophenol	13.17	196	101817	35.829	ng	97
46) 1,1'-Biphenyl	13.48	154	303314	30.914	ng	96
47) 2-Chloronaphthalene	13.52	162	235897	31.600	ng	98
48) 2-Nitroaniline	13.74	65	68621	30.755	ng	95
49) Acenaphthylene	14.37	152	388275	33.419	ng	98
50) Dimethylphthalate	14.11	163	364435	36.481	ng	100
51) 2,6-Dinitrotoluene	14.22	165	71237	32.824	ng	96
52) Acenaphthene	14.71	154	230798	32.574	ng	99
53) 3-Nitroaniline	14.56	138	32645	15.580	ng	90
54) 2,4-Dinitrophenol	14.76	184	68650	53.328	ng	95
55) Dibenzofuran	15.05	168	374593	32.601	ng	99
56) 4-Nitrophenol	14.89	139	99180	70.634	ng	96
57) 2,4-Dinitrotoluene	15.01	165	99909	32.213	ng	96
58) Fluorene	15.69	166	312544	32.432	ng	96
59) 2,3,4,6-Tetrachlorophenol	15.28	232	100674	33.344	ng	# 99
60) Diethylphthalate	15.46	149	311946	31.078	ng	98
61) 4-Chlorophenyl-phenylether	15.69	204	179265	31.887	ng	99
62) 4-Nitroaniline	15.73	138	64632	29.868	ng	97
63) Azobenzene	15.98	77	262012	32.253	ng	99
65) 4,6-Dinitro-2-methylphenol	15.77	198	58932	33.334	ng	97
66) n-Nitrosodiphenylamine	15.90	169	278880	32.882	ng	99
67) 4-Bromophenyl-phenylether	16.58	248	126110	31.194	ng	98
68) Hexachlorobenzene	16.70	284	142612	30.731	ng	98
69) Atrazine	16.85	200	117769	39.962	ng	94
70) Pentachlorophenol	17.05	266	149861	70.871	ng	97
71) Phenanthrene	17.44	178	492870	32.040	ng	99
72) Anthracene	17.53	178	522087	33.921	ng	99
73) Carbazole	17.80	167	456348	32.742	ng	97
74) Di-n-butylphthalate	18.35	149	533546	31.549	ng	99
75) Fluoranthene	19.44	202	645619	32.193	ng	98
77) Benzidine	19.63	184	259644	39.097	ng	99
78) Pyrene	19.81	202	654033	32.020	ng	99
80) Butylbenzylphthalate	20.69	149	249541	32.247	ng	99
81) Benzo(a)anthracene	21.64	228	689724	33.368	ng	97
82) 3,3'-Dichlorobenzidine	21.56	252	151521	18.953	ng	97
83) Chrysene	21.70	228	669396	32.594	ng	99
84) Bis(2-ethylhexyl)phthalate	21.54	149	364662	33.173	ng	99
85) Di-n-octyl phthalate	22.74	149	628705	33.711	ng	99
86) Indeno(1,2,3-cd)pyrene	28.49	276	878840	34.091	ng	99
88) Benzo(b)fluoranthene	23.84	252	712041	31.803	ng	99
89) Benzo(k)fluoranthene	23.91	252	749877	33.270	ng	99
90) Benzo(a)pyrene	24.71	252	682421	31.919	ng	99
91) Dibenzo(a,h)anthracene	28.55	278	749303	34.264	ng	99
92) Benzo(g,h,i)perylene	29.63	276	736922	34.163	ng	98

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



#1

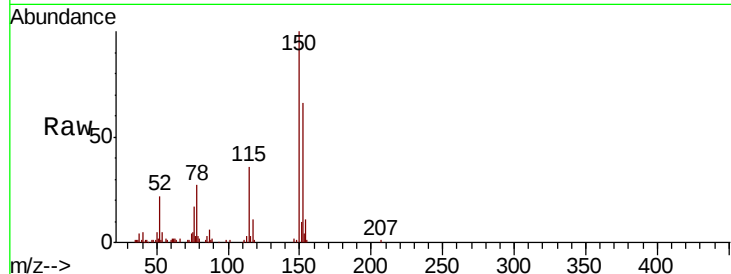
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.02 min Scan# 839
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampled :
Z3-20AMS

Tot Ion	Ratio	Lower	Upper
152	100		
150	151.2	113.6	170.4
115	54.2	45.9	68.9

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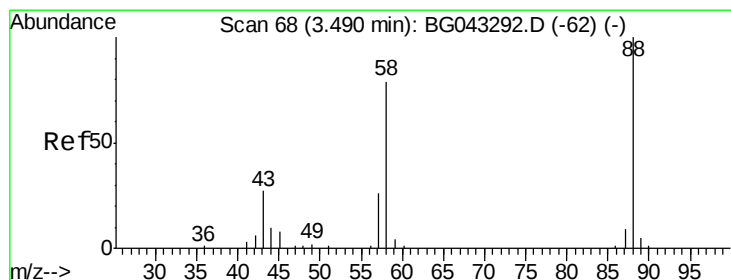
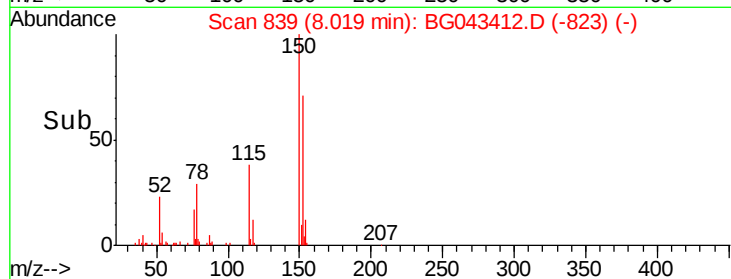
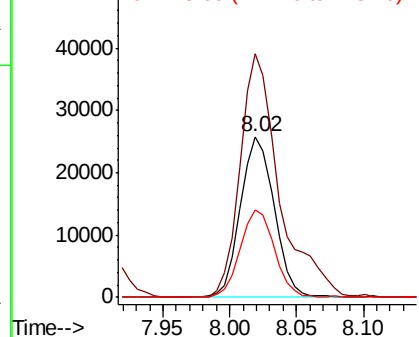


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

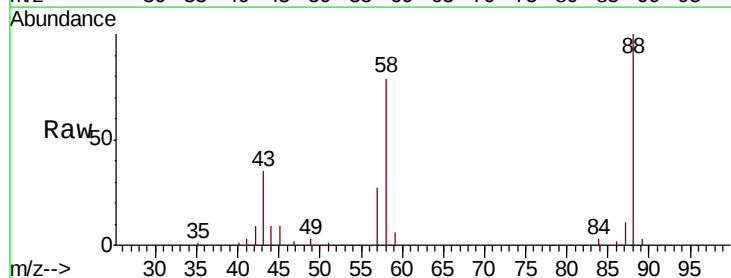
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 27.510 ng
RT: 3.48 min Scan# 67
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
88	100		
58	79.8	60.2	90.2
43	34.2	22.7	34.1#

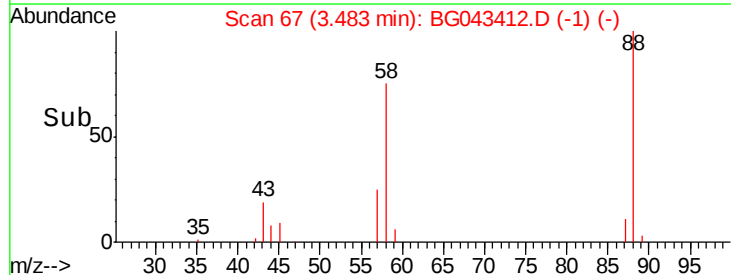
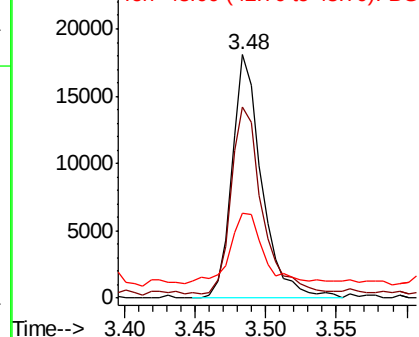


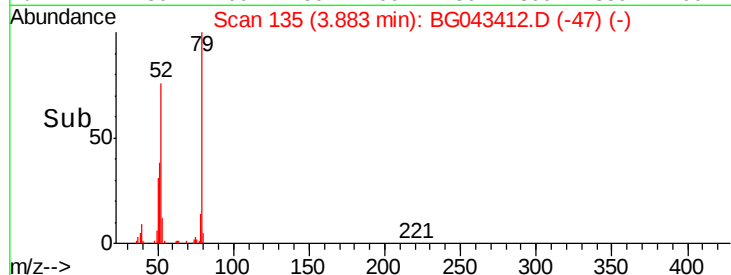
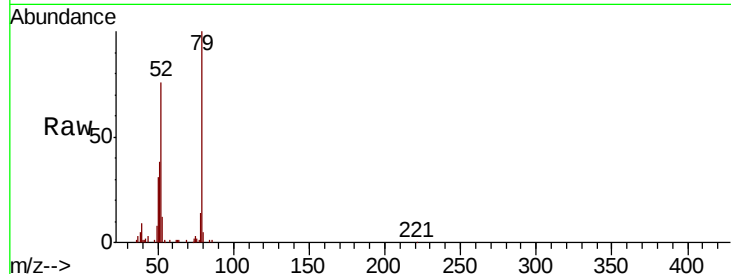
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





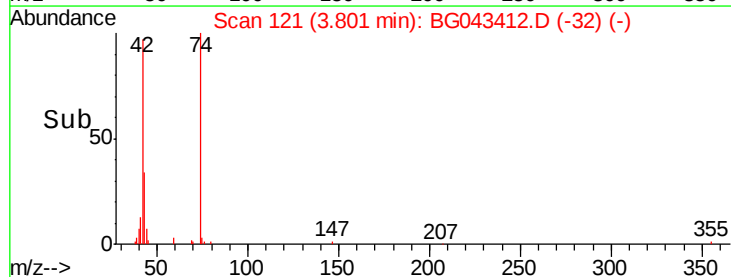
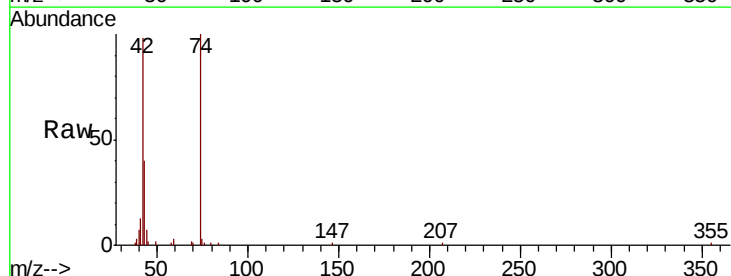
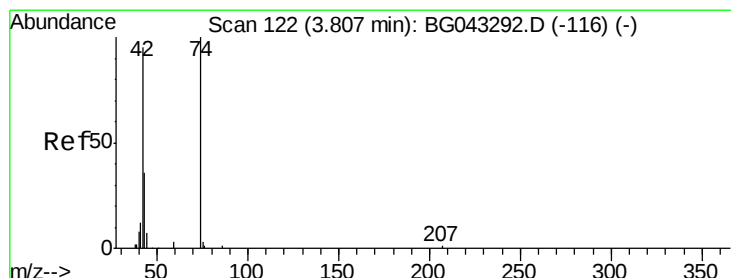
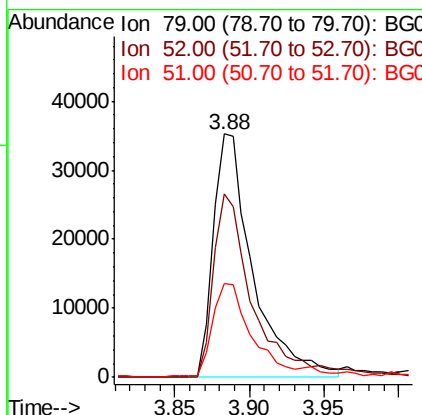
#3
 Pvridine
 Concen: 26.883 ng
 RT: 3.88 min Scan# 135
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tot Ion:	79	Resp:	65132
Ion Ratio	Lower	Upper	
79	100		
52	75.6	59.7	89.5
51	38.3	31.8	47.6

Instrument :
 BNA_G
 ClientSampleId :
 Z3-20AMS

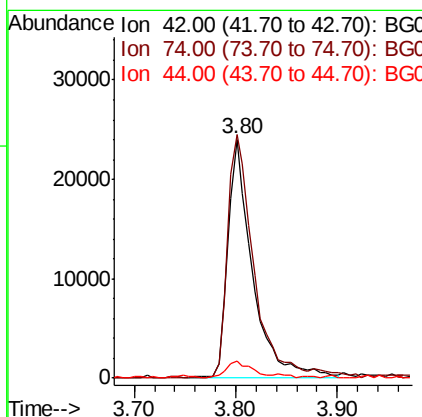
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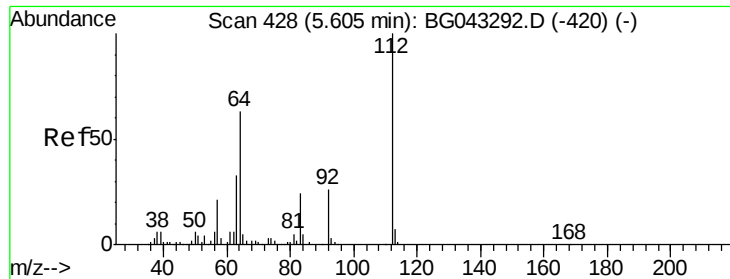
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#4
 n-Nitrosodimethylamine
 Concen: 33.526 ng
 RT: 3.80 min Scan# 121
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tgt Ion:	42	Resp:	40988
Ion Ratio	Lower	Upper	
42	100		
74	102.0	84.2	126.2
44	7.3	6.0	9.0





#5

2-Fluorophenol

Concen: 89.394 ng

RT: 5.61 min Scan# 429

Delta R.T. 0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

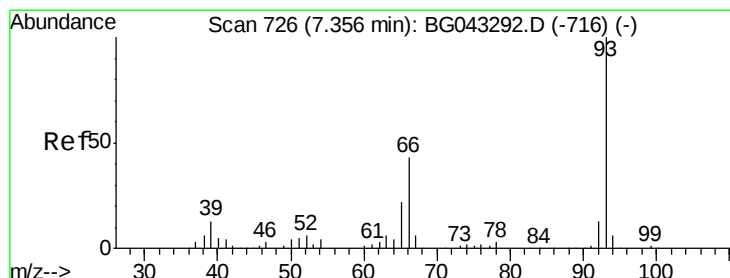
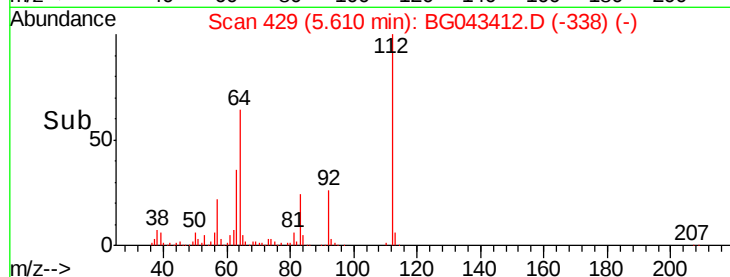
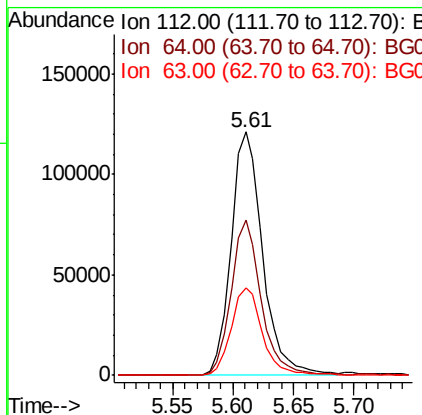
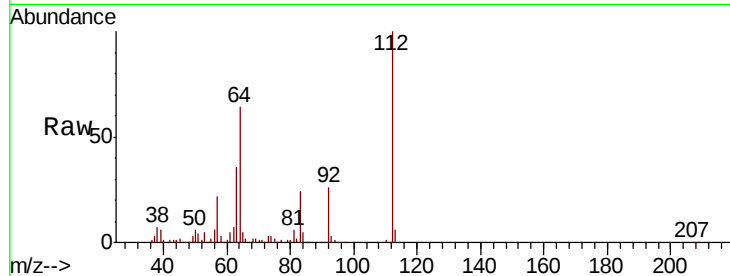
ClientSampleId :

Z3-20AMS

Tot Ion:	112	Resp:	220327
Ion Ratio	Lower	Upper	
112	100		
64	63.9	50.2	75.2
63	35.9	26.7	40.1

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#6

Aniline

Concen: 19.525 ng

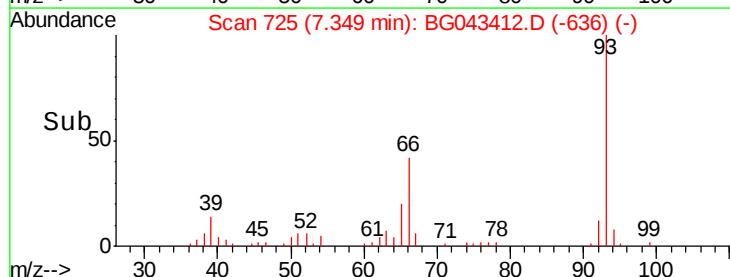
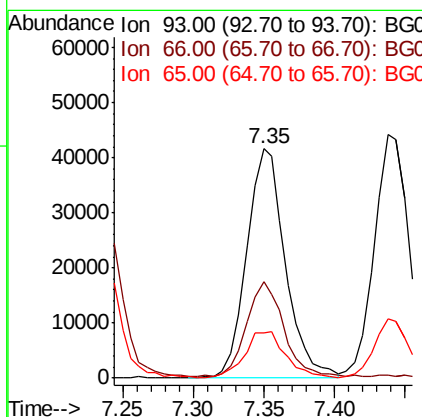
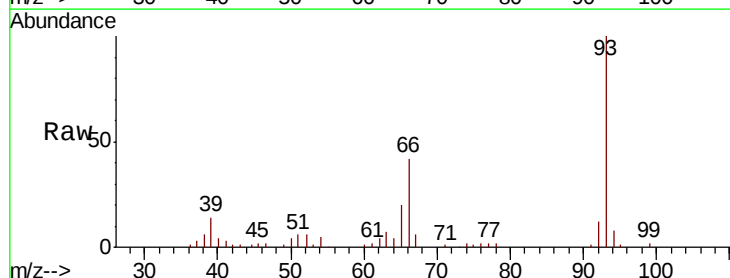
RT: 7.35 min Scan# 725

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Tgt Ion:	93	Resp:	79758
Ion Ratio	Lower	Upper	
93	100		
66	41.9	34.5	51.7
65	19.7	18.0	27.0





#7

Phenol-d6

Concen: 89.765 ng

RT: 7.21 min Scan# 701

Delta R.T. 0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

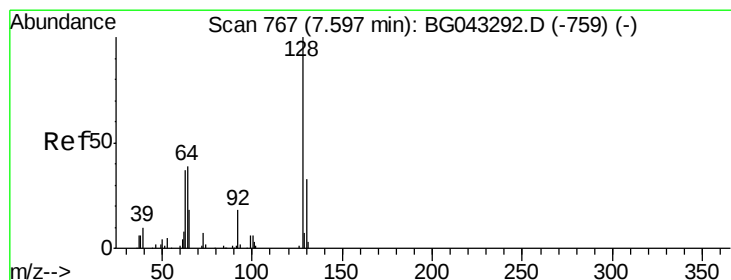
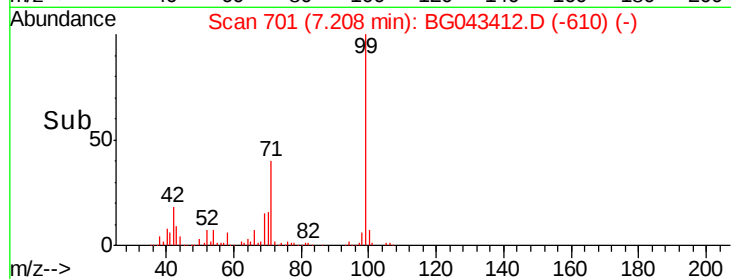
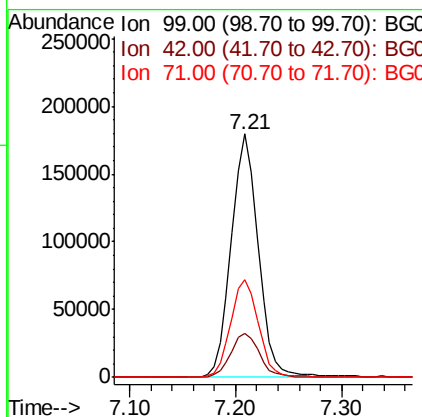
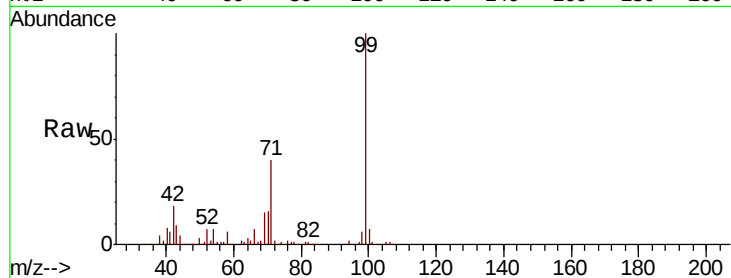
ClientSampleId :

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Tot Ion:	99	Resp:	318316
Ion Ratio	Lower	Upper	
99	100		
42	18.3	14.9	22.3
71	40.1	32.2	48.2

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#8

2-Chlorophenol

Concen: 35.975 ng

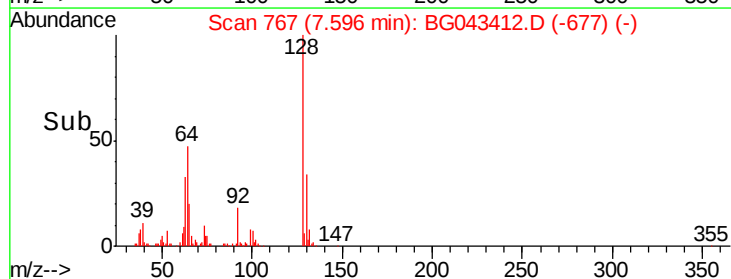
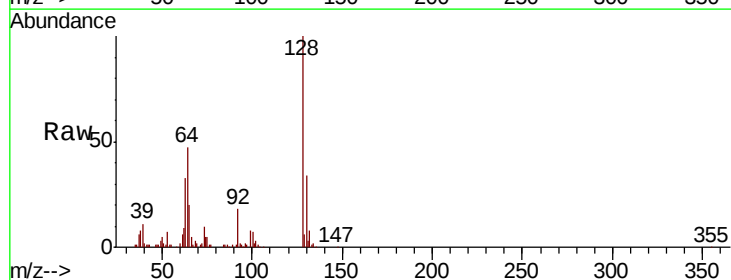
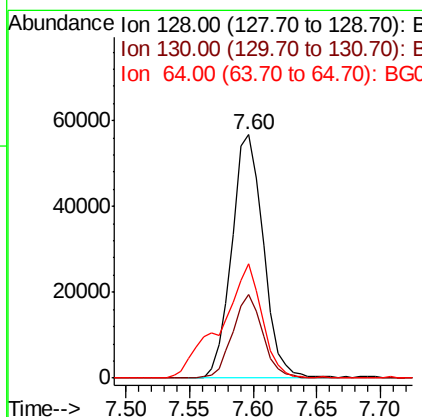
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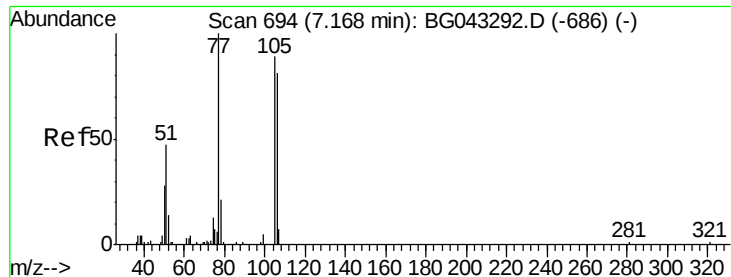
Delta R.T. -0.00 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Tgt Ion:	128	Resp:	97879
Ion Ratio	Lower	Upper	
128	100		
130	34.3	12.9	52.9
64	46.8	24.9	64.9





#9

Benzaldehyde

Concen: 27.195 ng

RT: 7.16 min Scan# 693

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

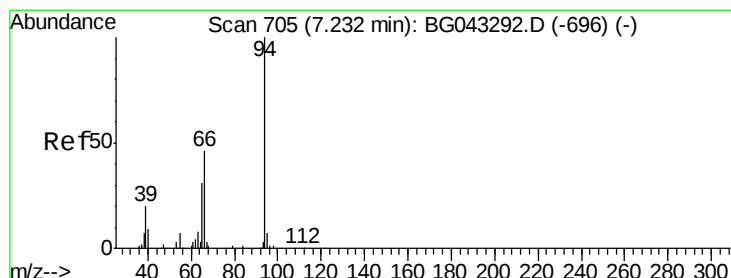
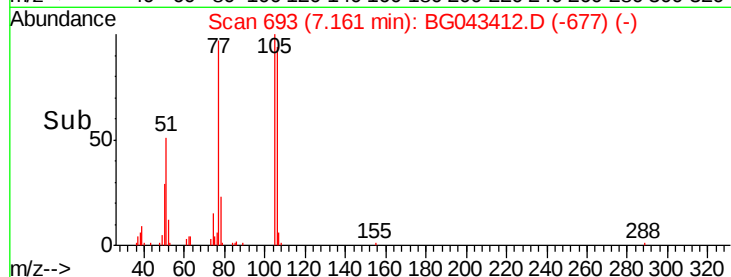
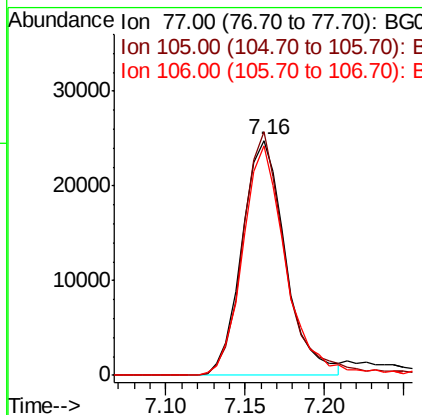
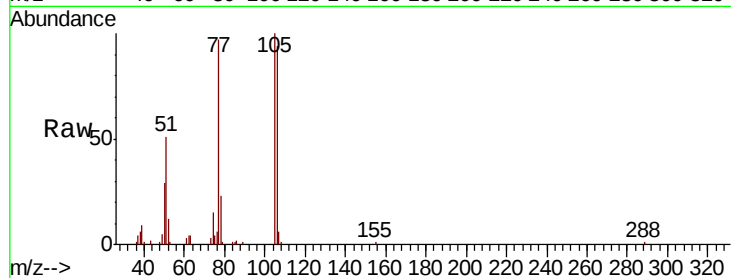
ClientSampleId :

Z3-20AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100				
105	103.5	68.7	108.7		
106	97.7	60.5	100.5		

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#10

Phenol

Concen: 38.780 ng

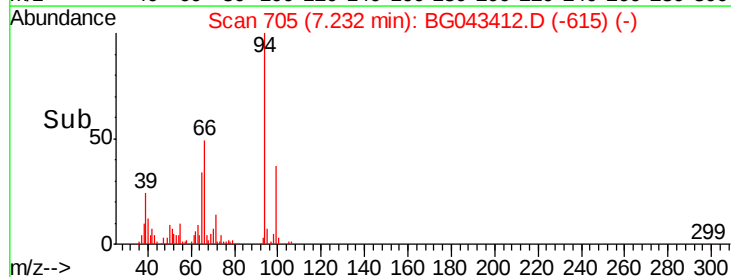
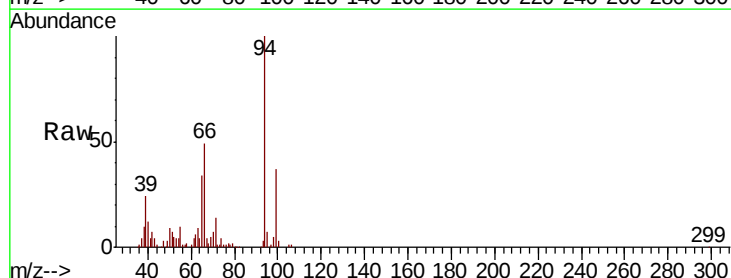
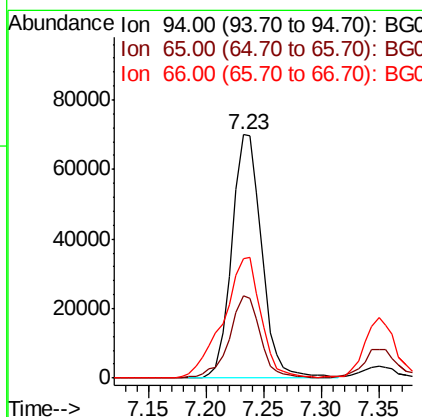
RT: 7.23 min Scan# 705

Delta R.T. -0.00 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
94	100				
65	33.7	11.1	51.1		
66	49.2	27.8	67.8		





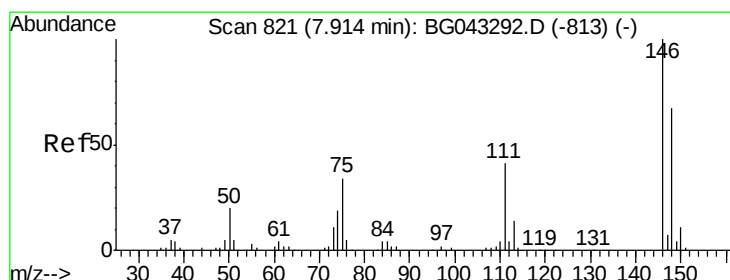
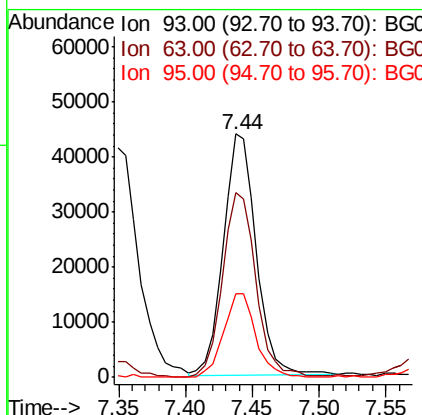
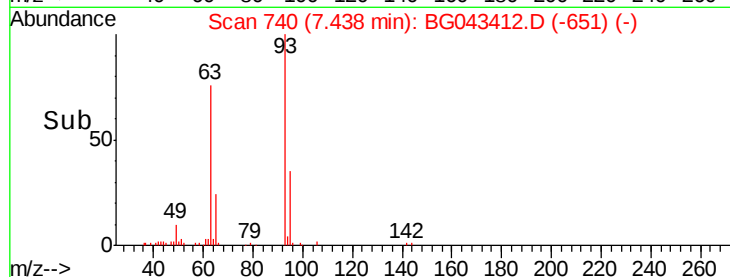
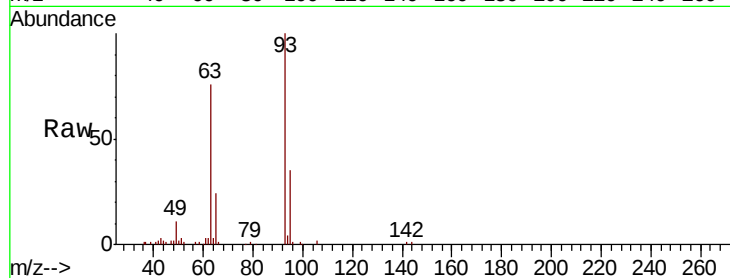
#11
bis(2-Chloroethyl)ether
Concen: 30.300 ng
RT: 7.44 min Scan# 740
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ratio	Lower	Upper
93	100		
63	76.0	54.6	94.6
95	34.5	9.7	49.7

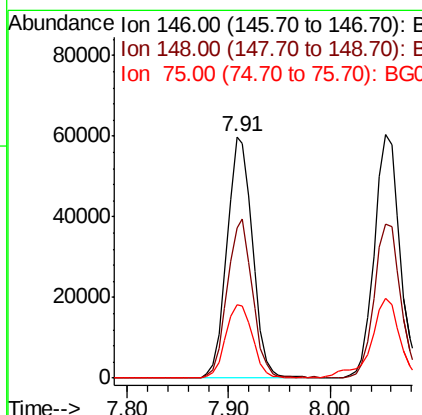
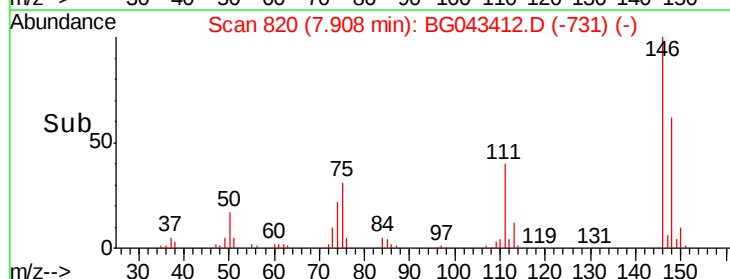
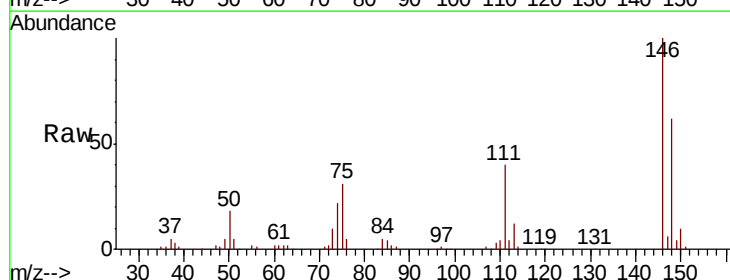
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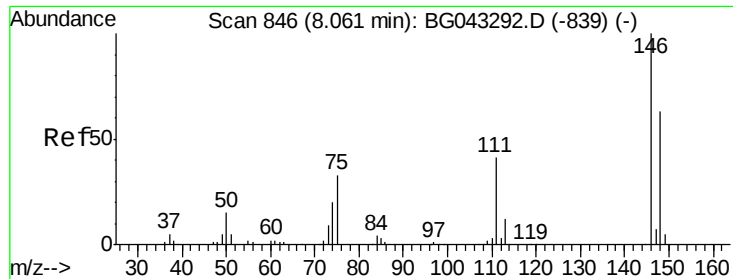
mohammad
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#12
1,3-Dichlorobenzene
Concen: 30.726 ng
RT: 7.91 min Scan# 820
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	62.3	53.4	80.2
75	30.6	27.0	40.4





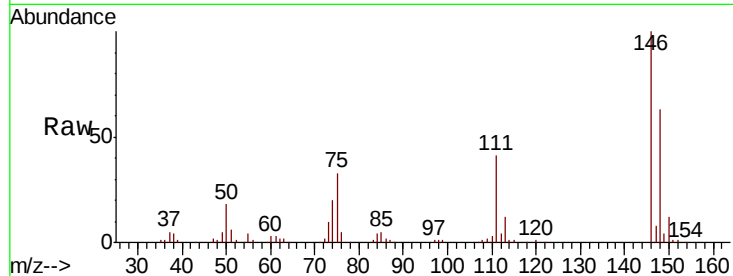
#13
 1,4-Dichlorobenzene
 Concen: 30.820 ng
 RT: 8.05 min Scan# 845
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Instrument :
 BNA_G
 ClientSampleId :
 Z3-20AMS

Tot Ion	Ratio	Lower	Upper
146	100		
148	63.2	50.7	76.1
111	41.1	33.0	49.6

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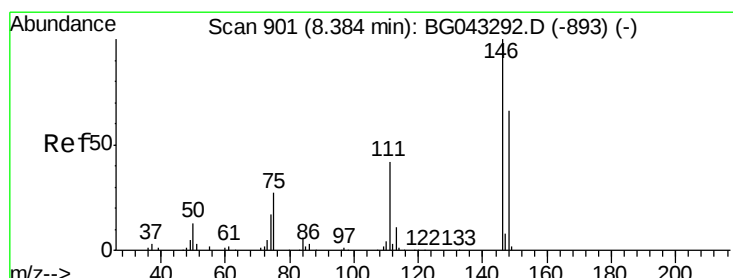
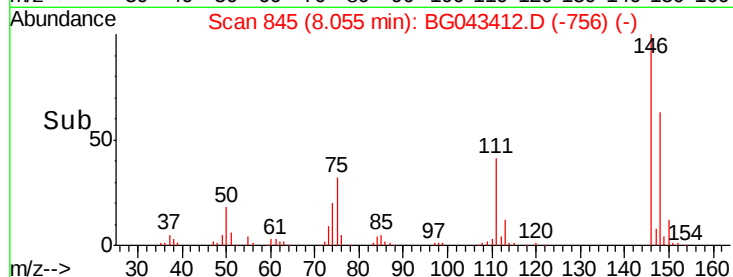
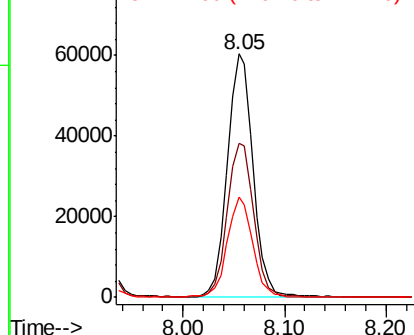


Abundance

Ion 146.00 (145.70 to 146.70): E

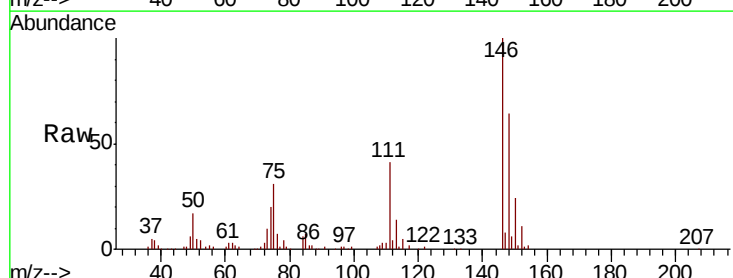
Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E



#14
 1,2-Dichlorobenzene
 Concen: 30.113 ng
 RT: 8.37 min Scan# 899
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
146	100		
148	63.6	53.0	79.4
111	40.7	34.5	51.7

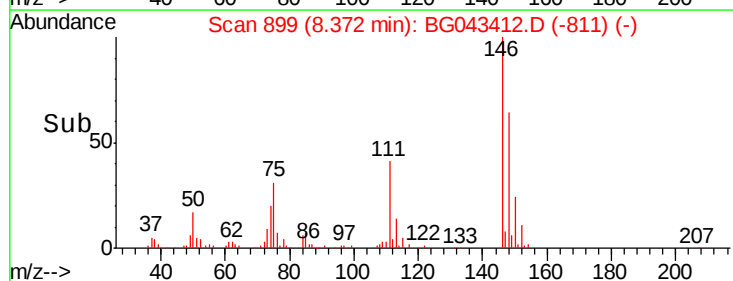
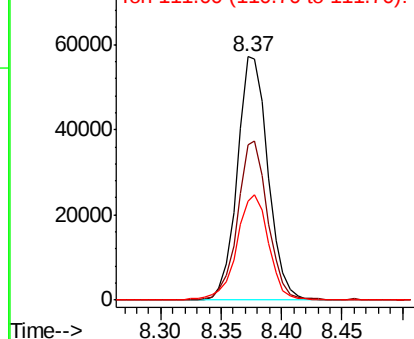


Abundance

Ion 146.00 (145.70 to 146.70): E

Ion 148.00 (147.70 to 148.70): E

Ion 111.00 (110.70 to 111.70): E





#15

Benzyl Alcohol

Concen: 34.199 ng

RT: 8.27 min Scan# 881

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

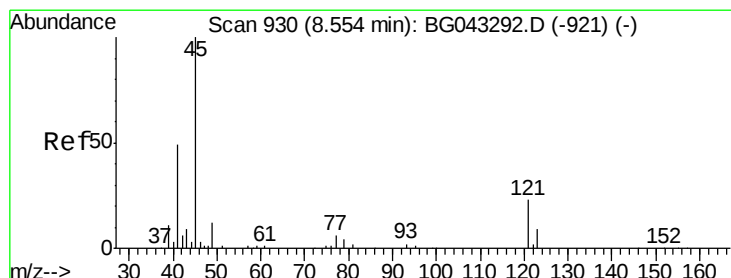
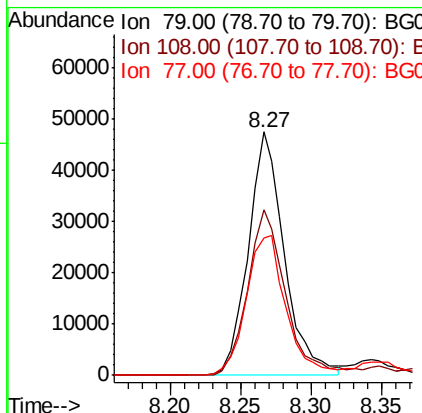
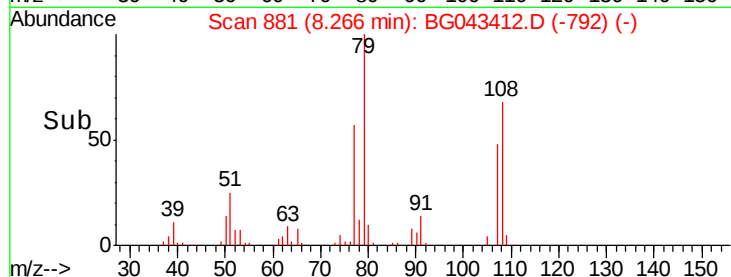
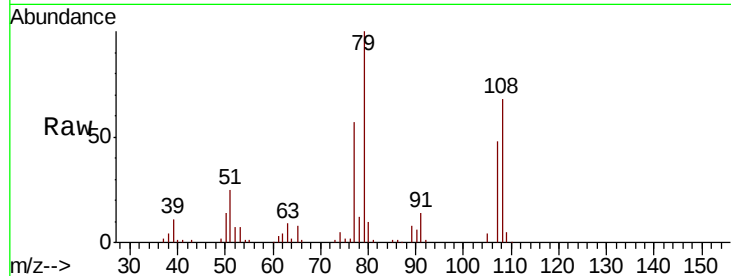
ClientSampleId :

Z3-20AMS

Tot Ion:	79	Resp:	85170
Ion Ratio	Lower	Upper	
79	100		
108	67.7	57.3	85.9
77	56.6	54.6	81.8

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#16

2,2'-oxybis(1-Chloropropane)

Concen: 29.099 ng

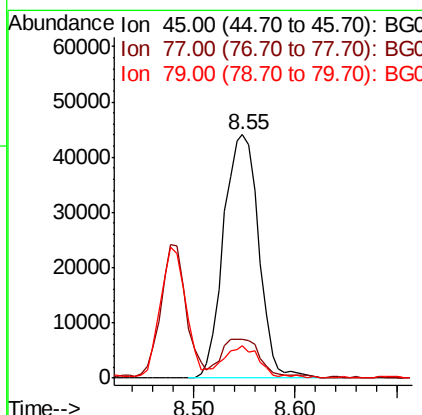
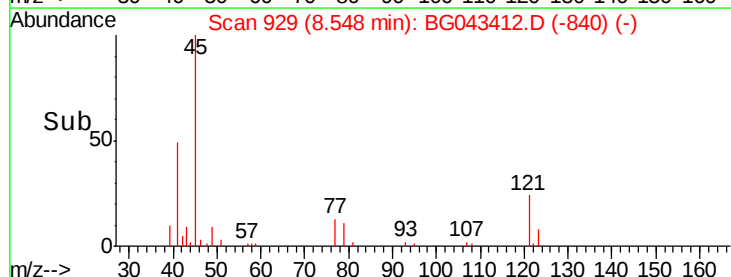
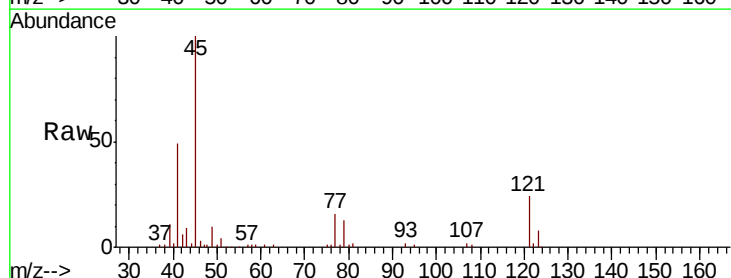
RT: 8.55 min Scan# 929

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Tgt Ion:	45	Resp:	106003
Ion Ratio	Lower	Upper	
45	100		
77	15.8	0.0	34.2
79	13.2	0.0	32.3





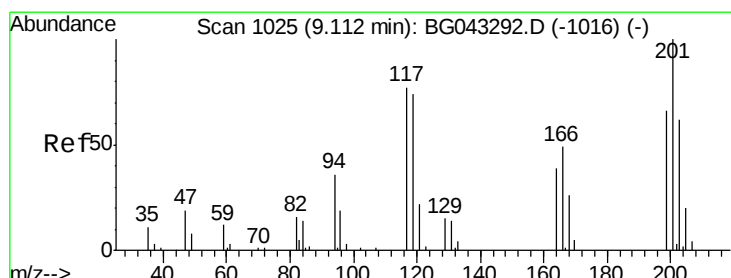
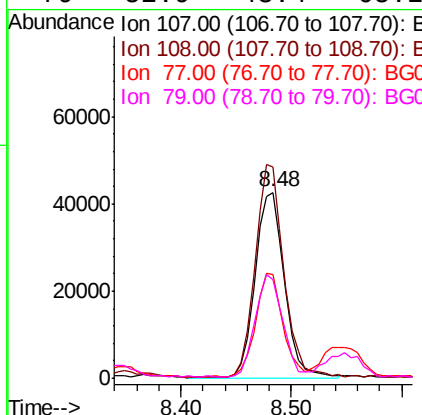
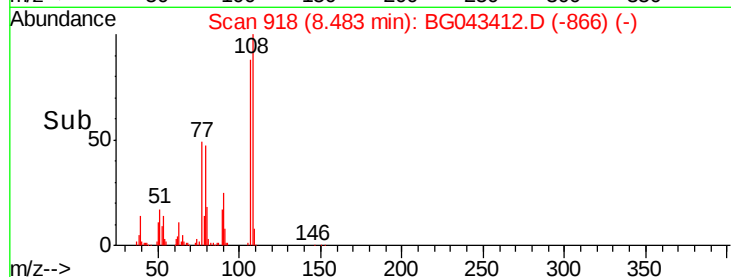
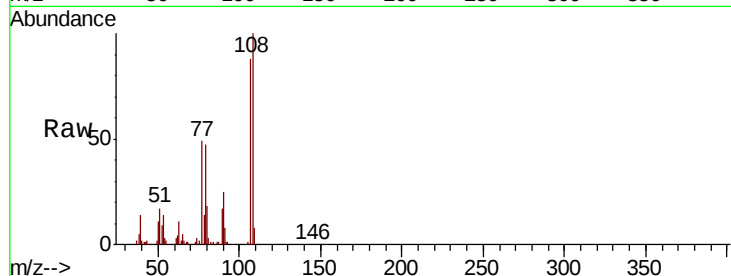
#17
2-Methylphenol
Concen: 33.892 ng
RT: 8.48 min Scan# 918
Delta R.T. 0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ratio	Resp	Lower	Upper
107	100			
108	113.3	91.3	136.9	
77	55.9	43.0	64.6	
79	52.9	43.4	65.2	

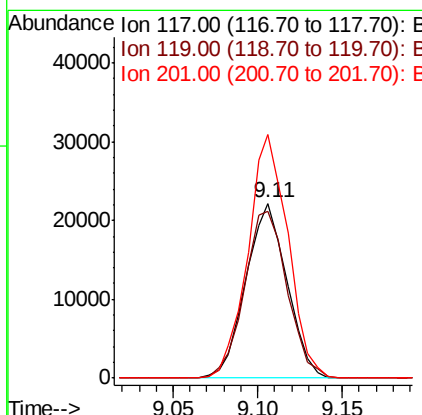
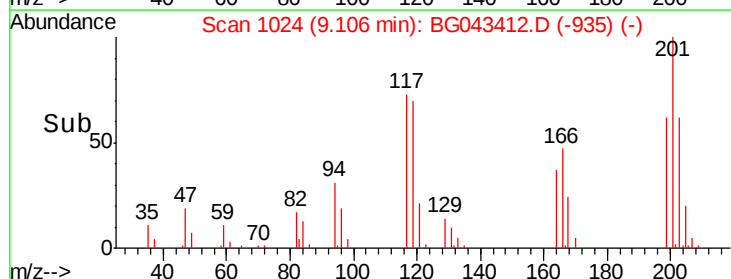
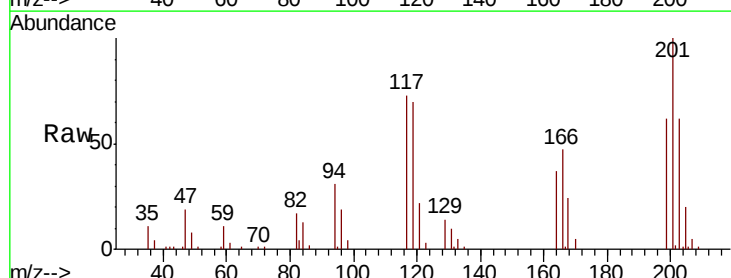
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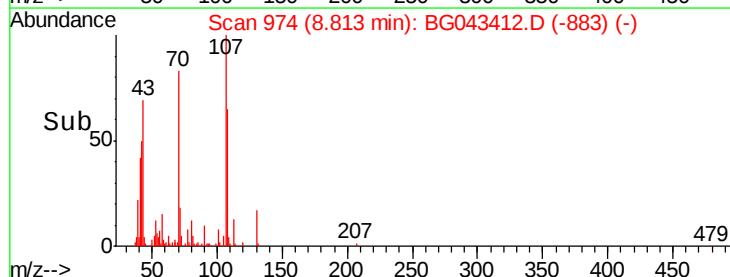
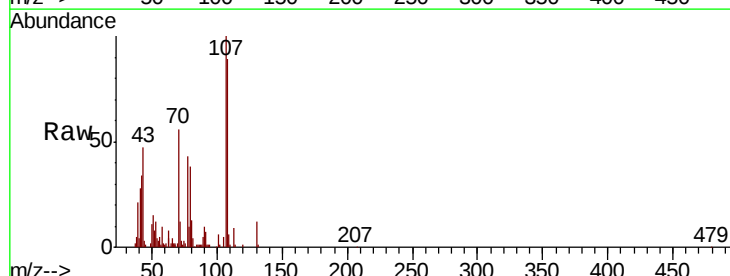
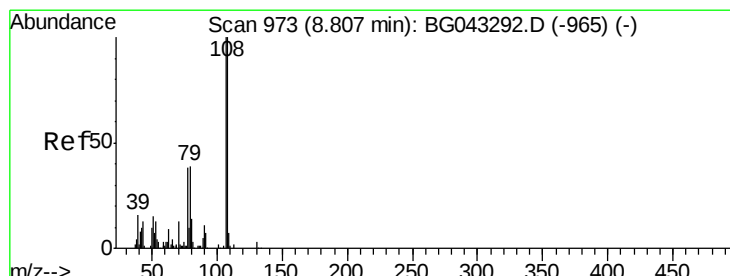
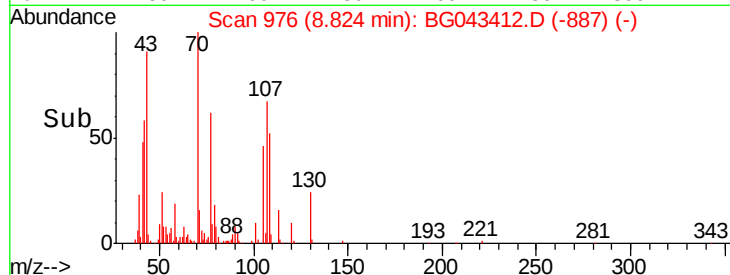
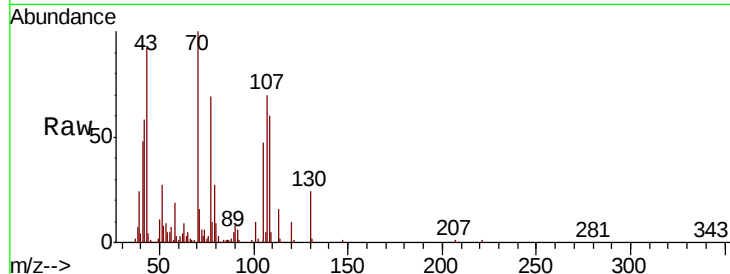
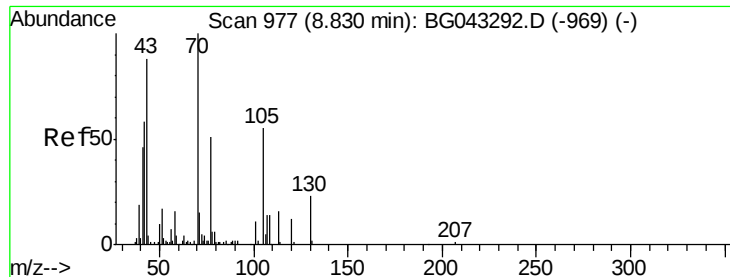
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#18
Hexachloroethane
Concen: 30.136 ng
RT: 9.11 min Scan# 1024
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

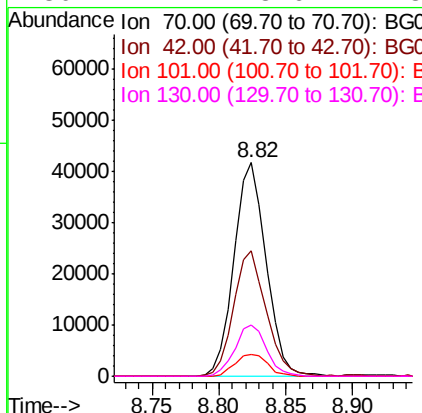
Tgt Ion	Ratio	Resp	Lower	Upper
117	100			
119	95.4	77.3	115.9	
201	139.4	104.2	156.4	





#19
n-Nitroso-di-n-propylamine
Concen: 30.495 ng
RT: 8.82 min Scan# 976
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	58.5	46.2	69.2	
101	10.3	8.6	13.0	
130	24.1	18.6	27.8	



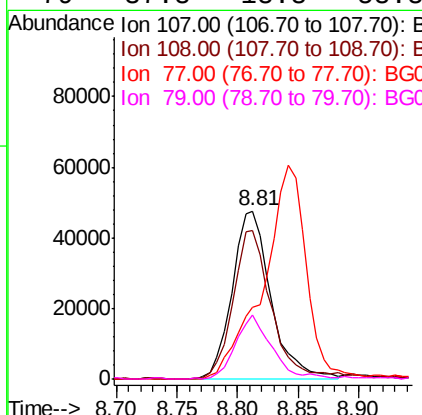
Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

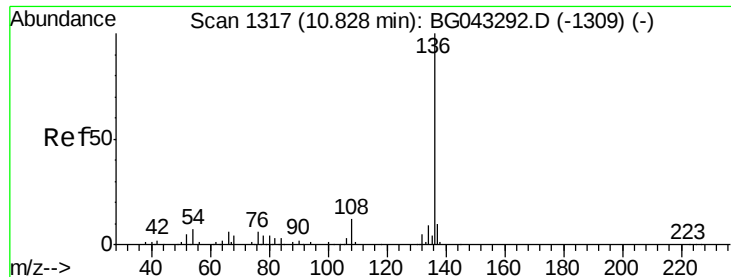
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#20
3+4-Methylphenols
Concen: 32.675 ng
RT: 8.81 min Scan# 974
Delta R.T. 0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	88.8	80.3	120.3	
77	43.0	18.2	58.2	
79	37.8	18.8	58.8	





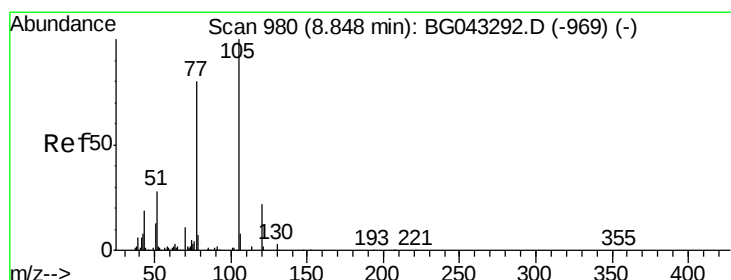
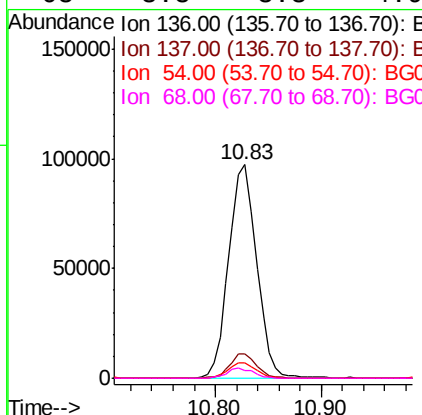
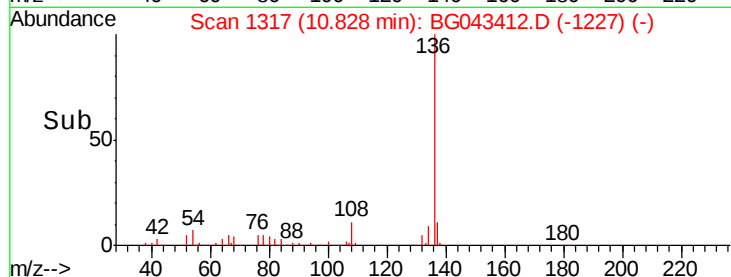
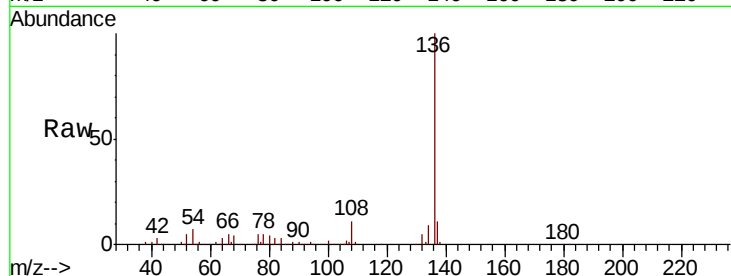
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.83 min Scan# 1317
Delta R.T. -0.00 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
136	100		178952		
137	11.1	8.2	12.2		
54	7.1	5.4	8.2		
68	3.8	3.3	4.9		

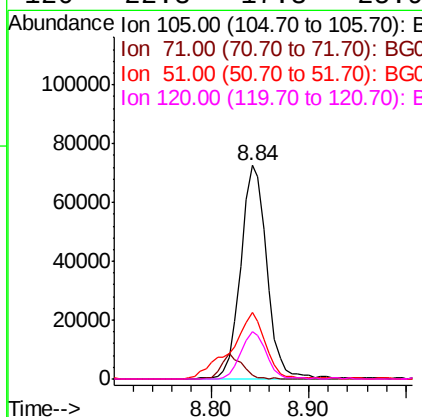
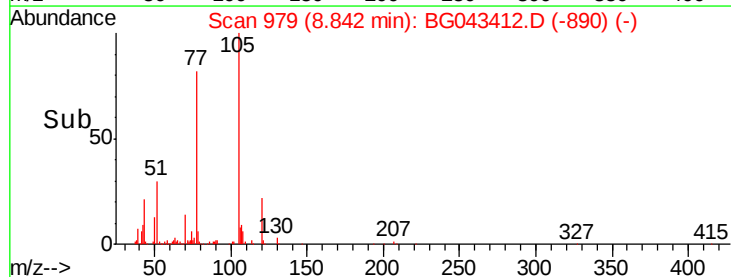
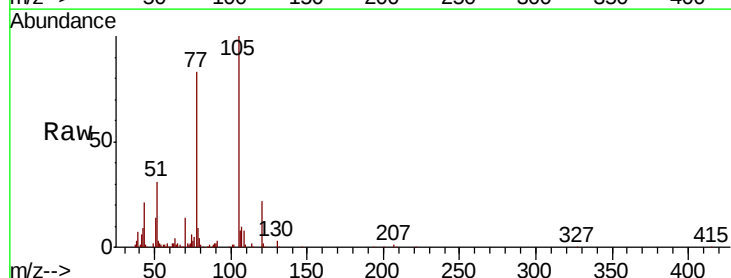
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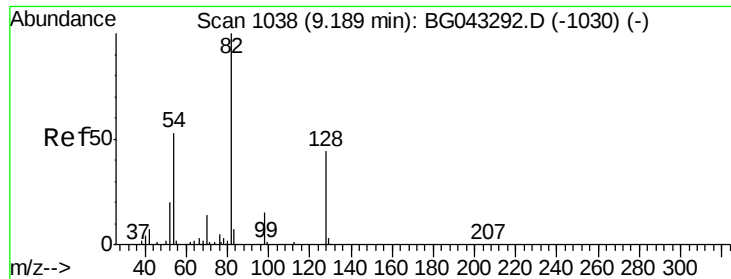
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#22
Acetophenone
Concen: 29.707 ng
RT: 8.84 min Scan# 979
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
105	100		136142		
71	2.0	1.5	2.3		
51	31.3	23.9	35.9		
120	22.3	17.3	25.9		





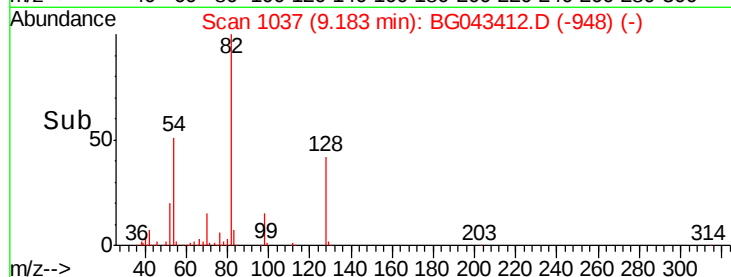
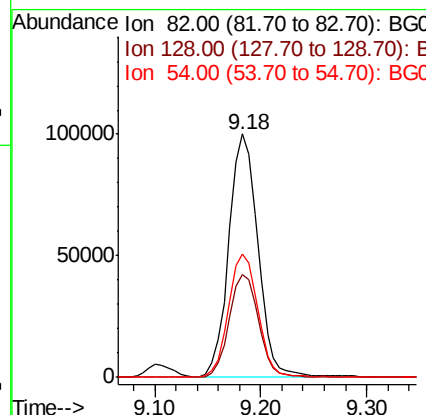
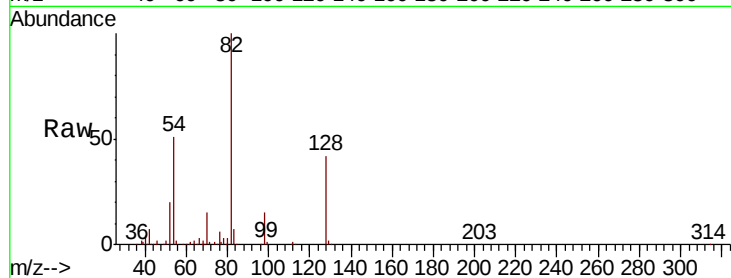
#23
 Nitrobenzene-d5
 Concen: 54.995 ng
 RT: 9.18 min Scan# 1037
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Instrument :
 BNA_G
 ClientSampleId :
 Z3-20AMS

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.3	52.9
54	50.7	42.3	63.5

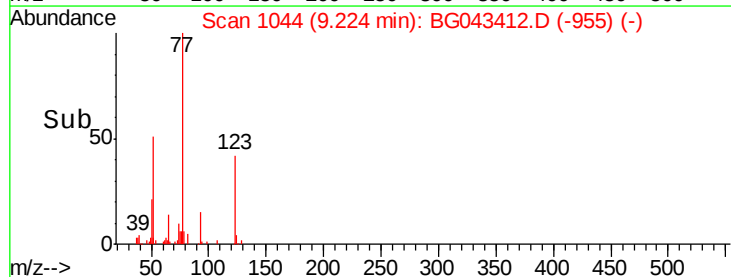
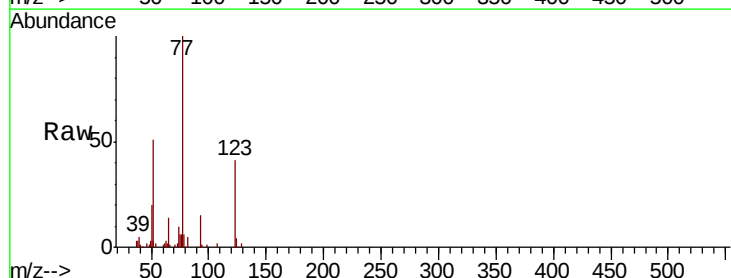
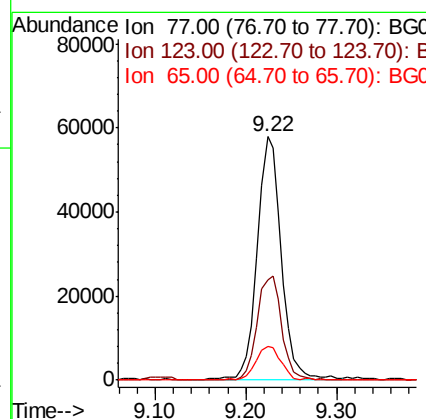
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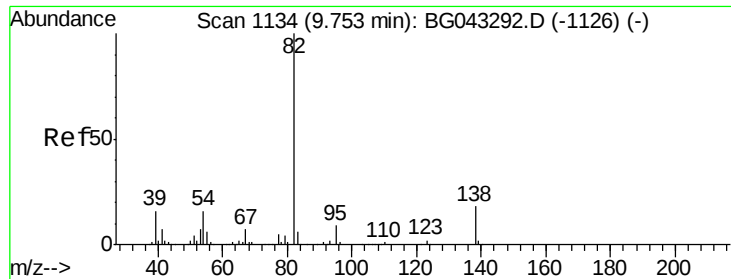
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#24
 Nitrobenzene
 Concen: 32.286 ng
 RT: 9.22 min Scan# 1044
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
77	100		
123	41.4	33.8	50.8
65	13.6	13.0	19.4





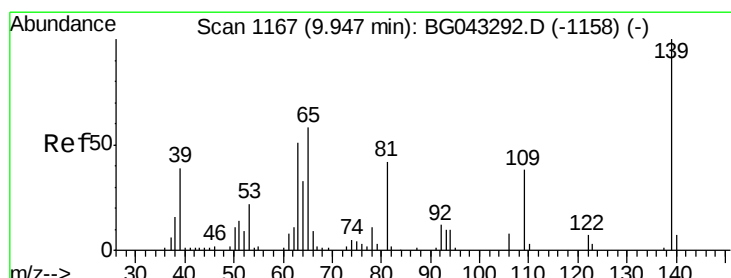
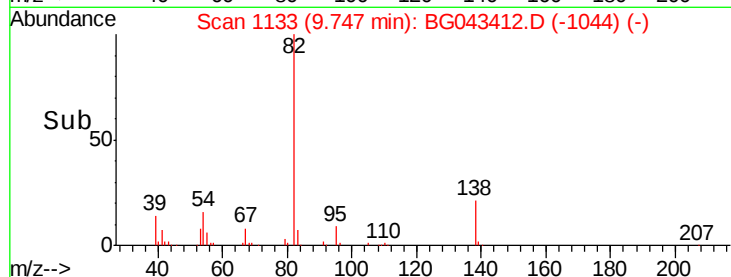
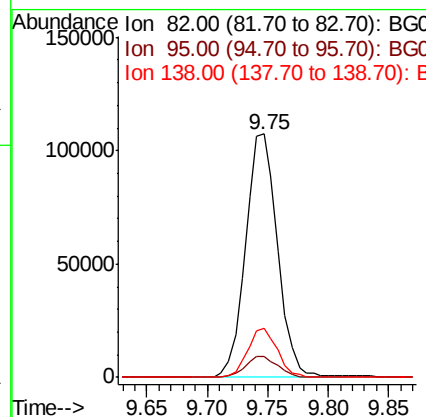
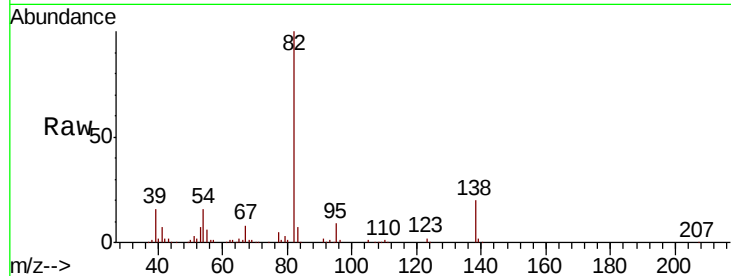
#25
Isophorone
Concen: 31.171 ng
RT: 9.75 min Scan# 1133
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ratio	Resp	Lower	Upper
82	100	197819		
95	8.7		6.9	10.3
138	20.4		14.2	21.2

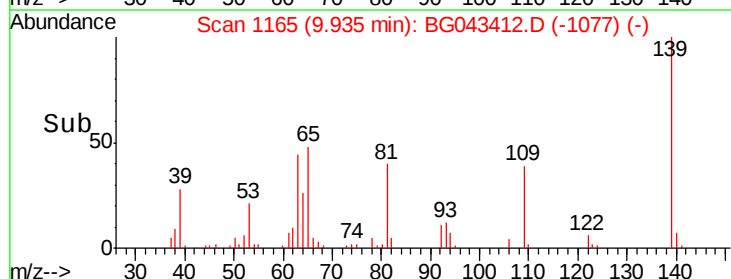
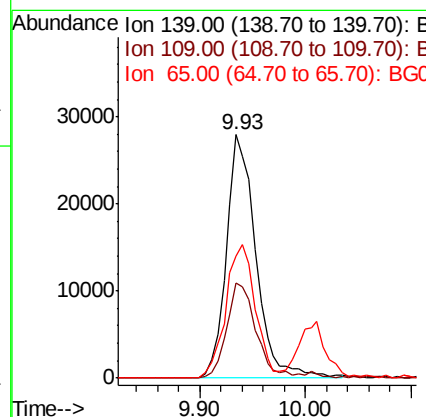
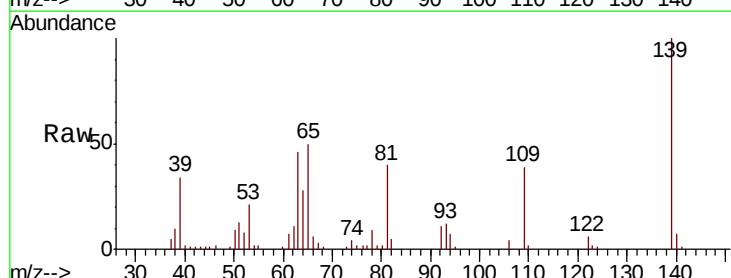
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#26
2-Nitrophenol
Concen: 33.856 ng
RT: 9.93 min Scan# 1165
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
139	100	54047		
109	39.0		30.1	45.1
65	50.0		46.1	69.1





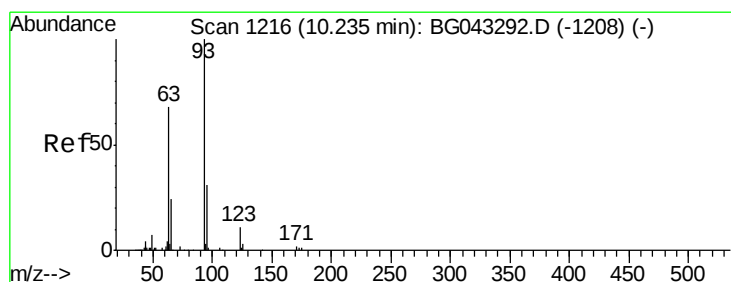
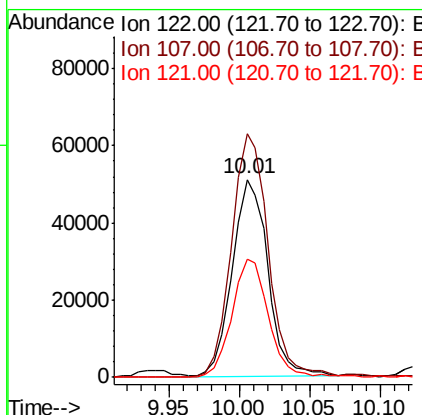
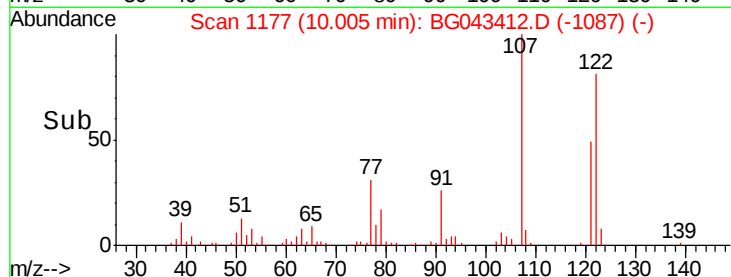
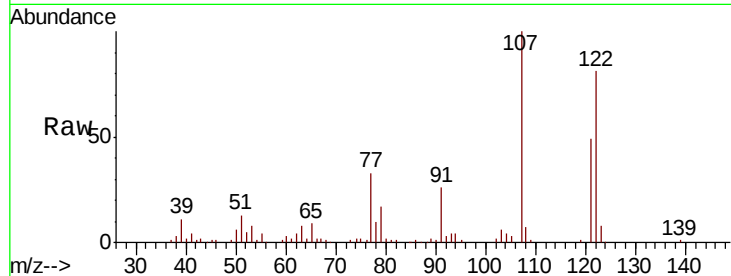
#27
2,4-Dimethylphenol
Concen: 39.339 ng
RT: 10.01 min Scan# 1177
Delta R.T. -0.00 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ion	Ratio	Resp	Lower	Upper
122	100				
107	123.0	98.6	147.8		
121	59.7	50.1	75.1		

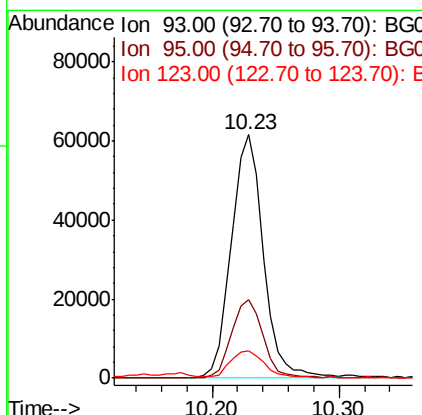
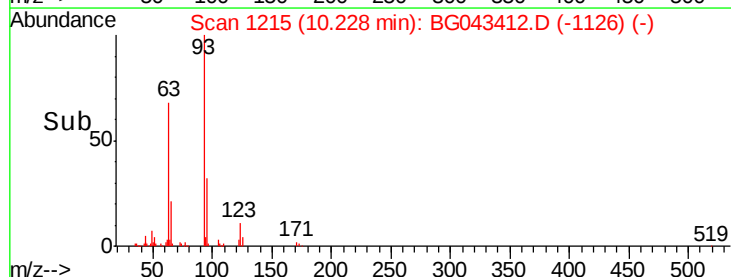
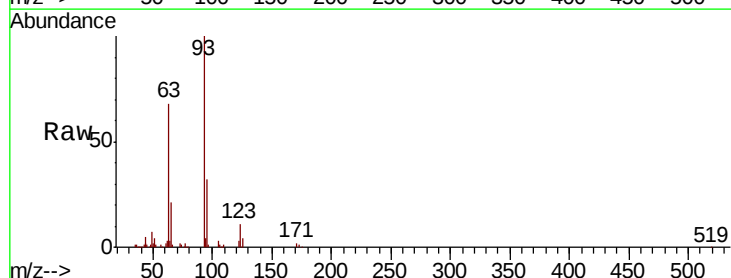
Manual Integrations
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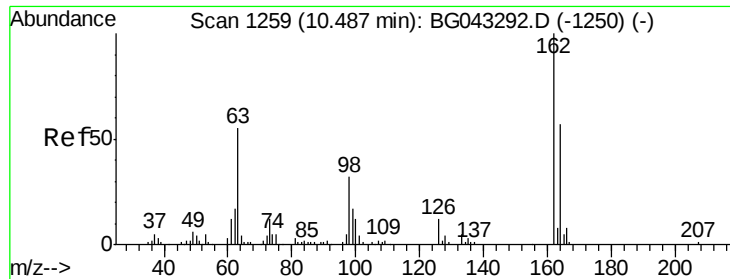
mohammad
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#28
bis(2-Chloroethoxy)methane
Concen: 30.628 ng
RT: 10.23 min Scan# 1215
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
93	100				
95	32.4	24.9	37.3		
123	11.2	8.9	13.3		





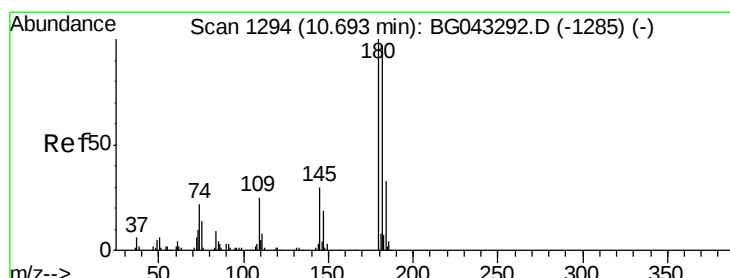
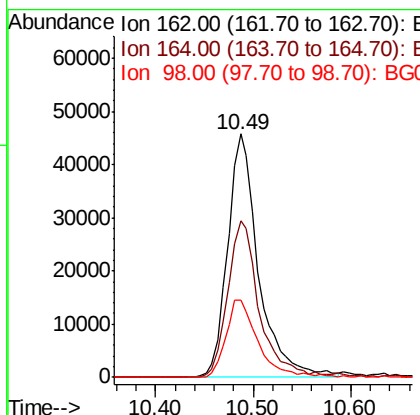
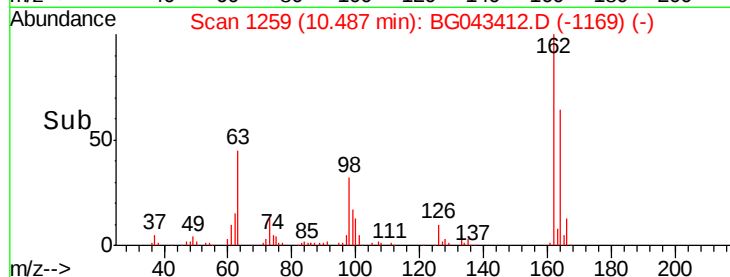
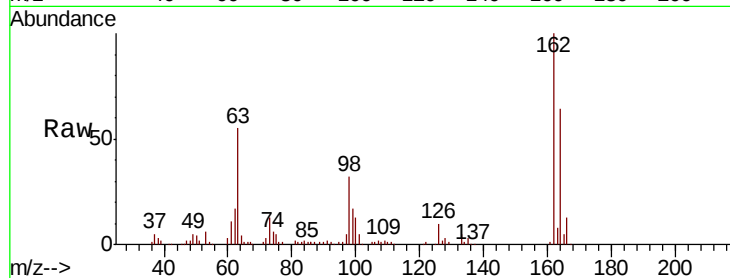
#29
2,4-Dichlorophenol
Concen: 34.318 ng
RT: 10.49 min Scan# 1259
Delta R.T. -0.00 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ratio	Lower	Upper
162	100		
164	64.2	37.3	77.3
98	31.7	11.8	51.8

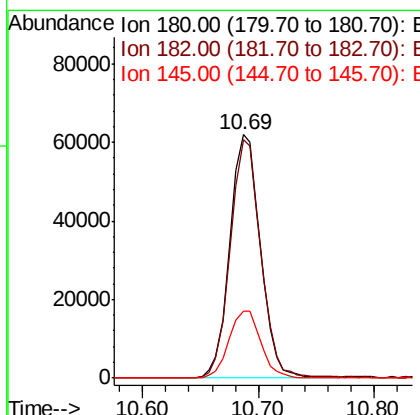
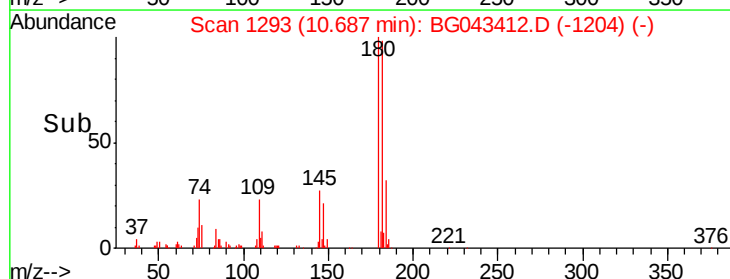
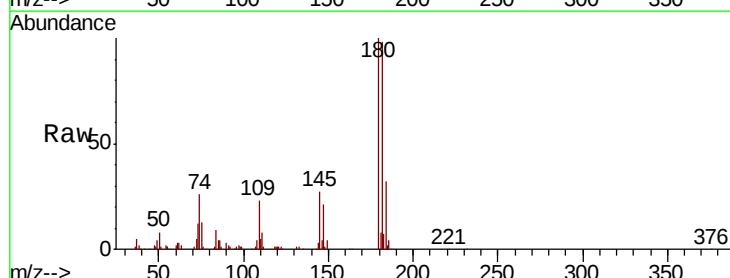
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#30
1,2,4-Trichlorobenzene
Concen: 30.845 ng
RT: 10.69 min Scan# 1293
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
180	100		
182	98.1	77.8	116.8
145	27.3	23.6	35.4





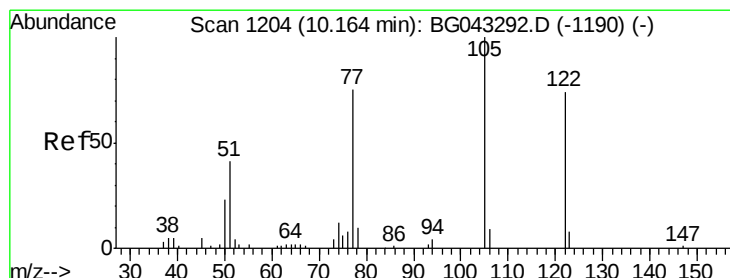
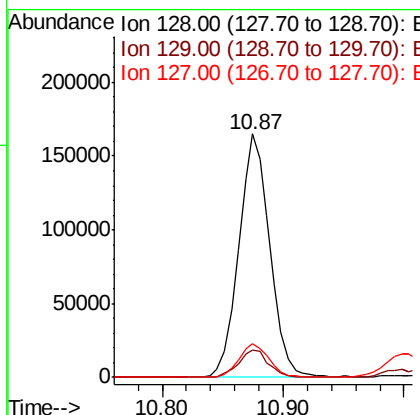
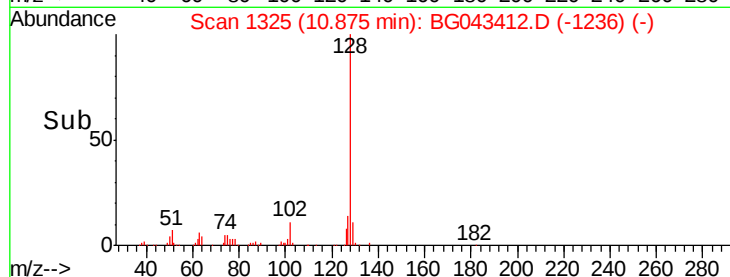
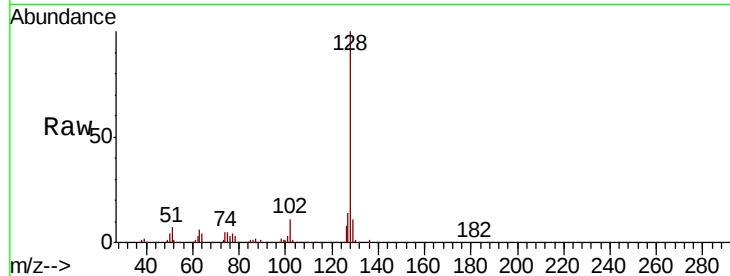
#31
Naphthalene
Concen: 32.294 ng
RT: 10.87 min Scan# 1325
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ratio	Lower	Upper
128	100		
129	11.1	8.6	12.8
127	14.1	11.5	17.3

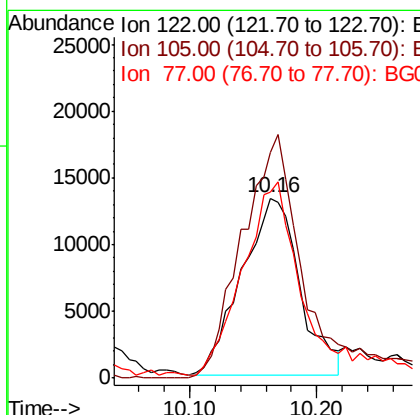
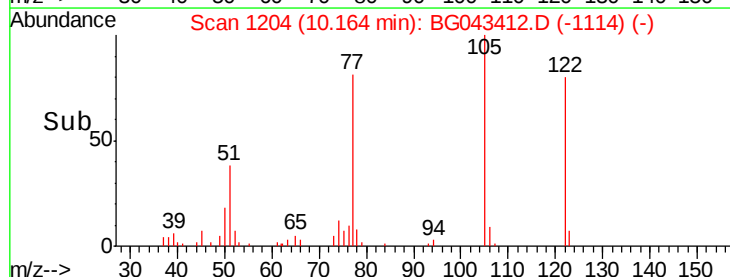
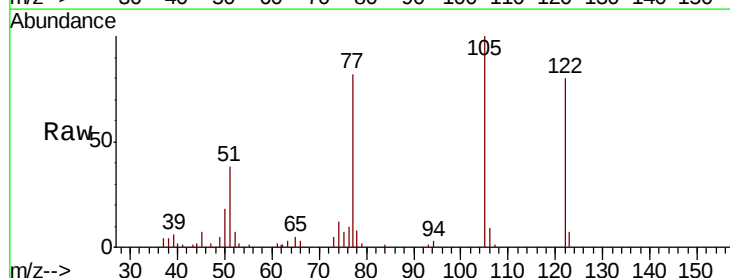
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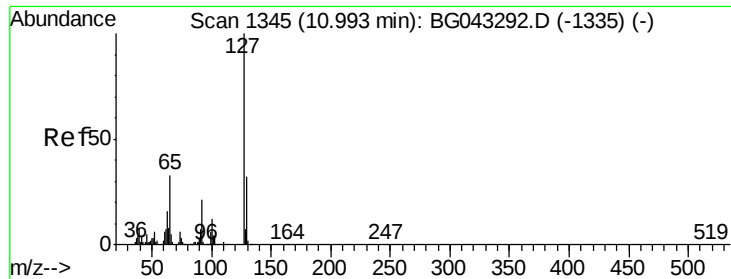
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#32
Benzoic acid
Concen: 28.747 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
122	100		
105	125.6	112.4	152.4
77	103.0	82.7	122.7





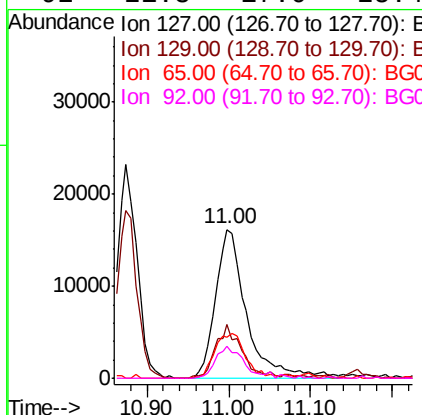
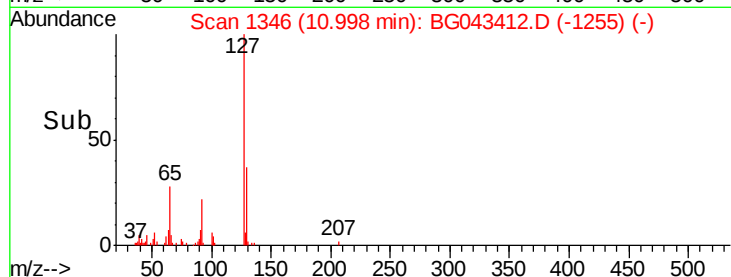
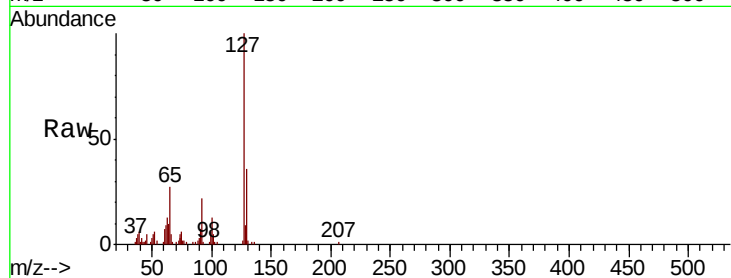
#33
4-Chloroaniline
Concen: 11.499 ng
RT: 11.00 min Scan# 1346
Delta R.T. 0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ratio	Lower	Upper
127	100		
129	36.3	25.8	38.8
65	27.3	26.2	39.2
92	21.8	17.0	25.4

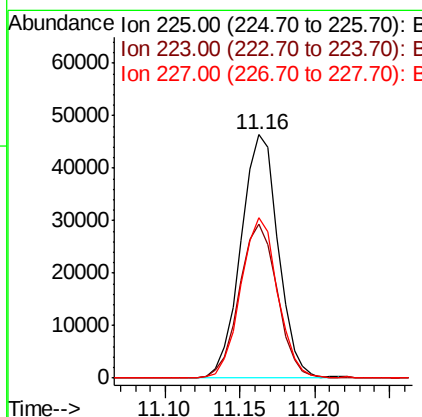
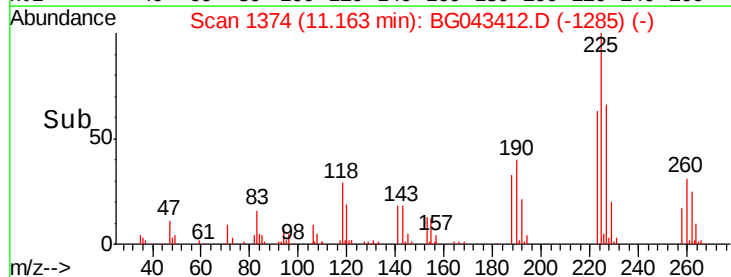
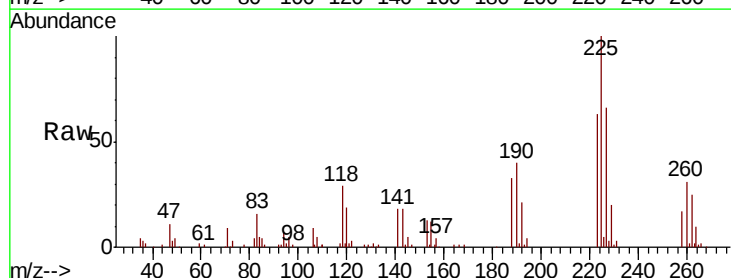
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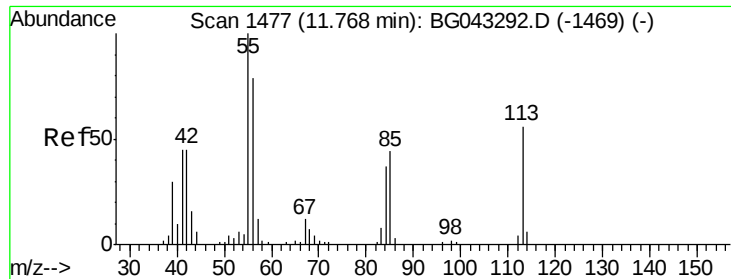
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#34
Hexachlorobutadiene
Concen: 29.408 ng
RT: 11.16 min Scan# 1374
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
225	100		
223	63.1	53.2	79.8
227	66.0	56.2	84.2





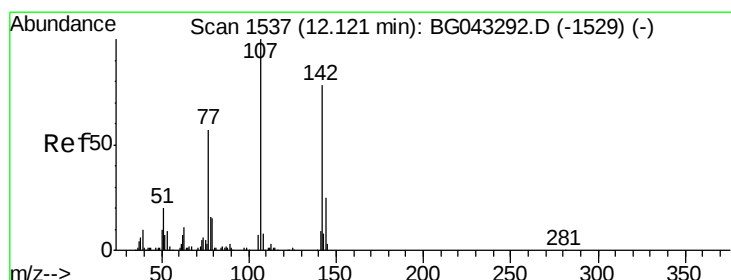
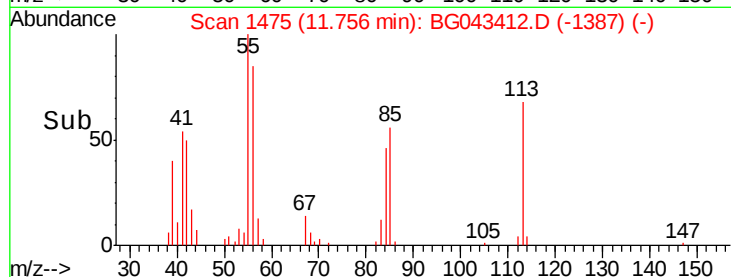
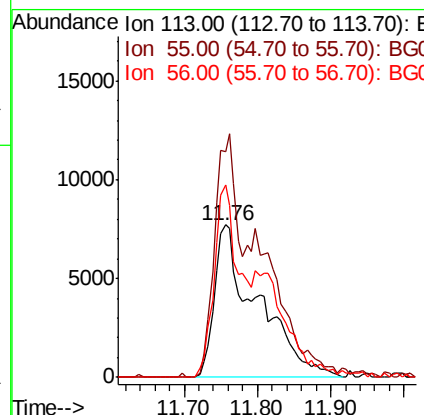
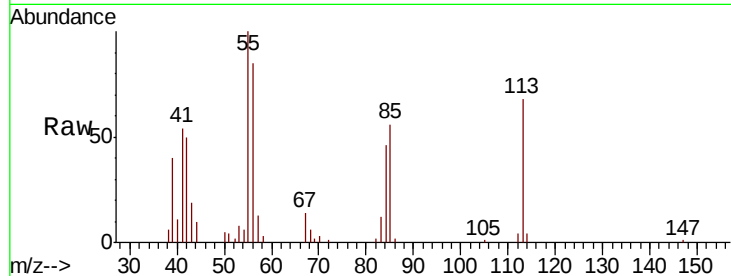
#35
Caprolactam
Concen: 31.184 ng/ml
RT: 11.76 min Scan# 1475
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion:113 Resp: 31485
Ion Ratio Lower Upper
113 100
55 148.1 158.9 198.9#
56 126.0 121.4 161.4

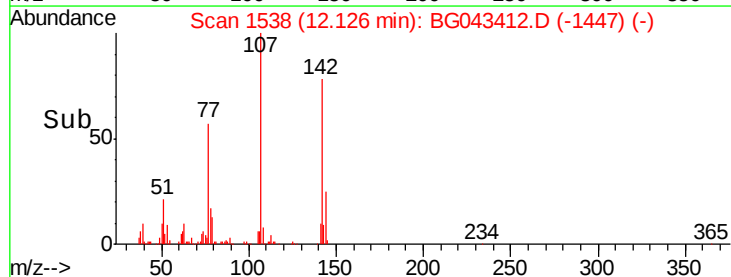
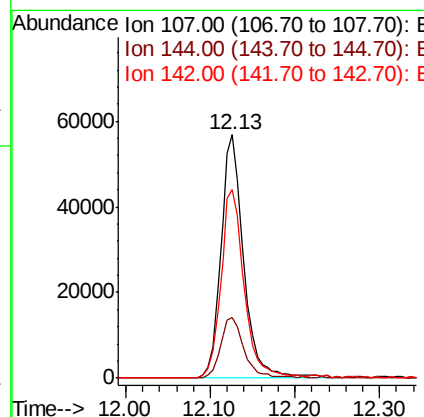
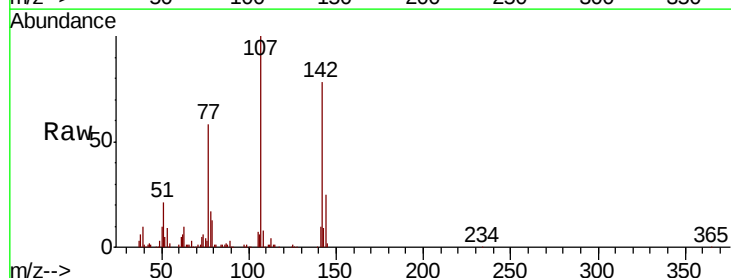
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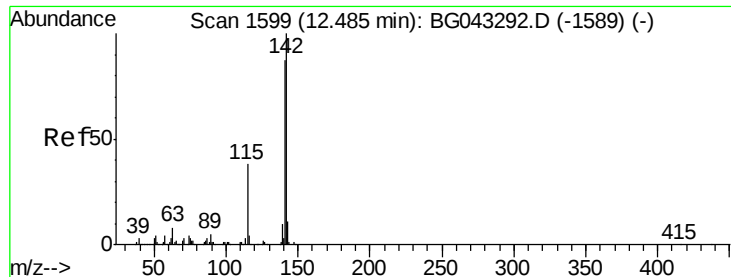
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#36
4-Chloro-3-methylphenol
Concen: 33.485 ng/ml
RT: 12.13 min Scan# 1538
Delta R.T. 0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion:107 Resp: 107079
Ion Ratio Lower Upper
107 100
144 24.6 19.9 29.9
142 77.5 62.1 93.1





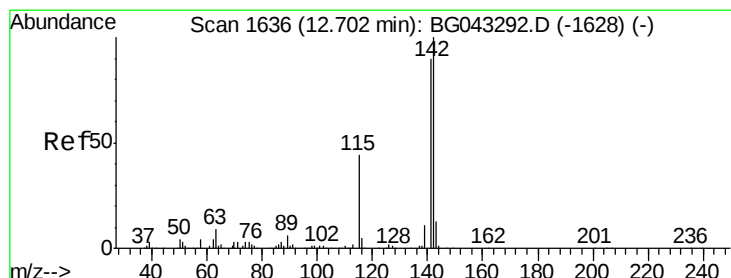
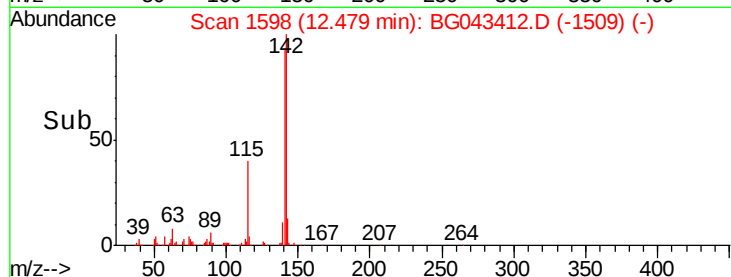
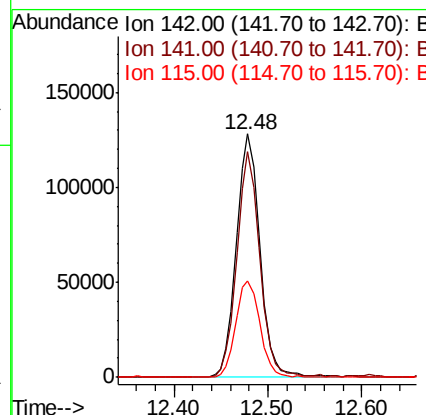
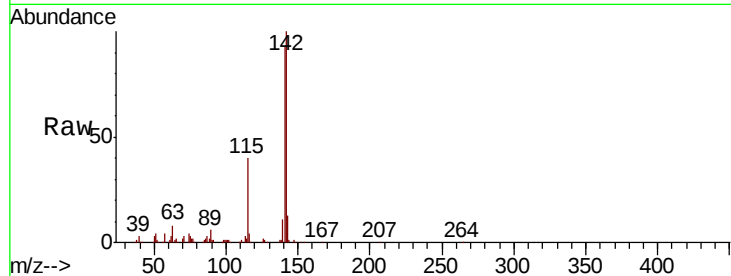
#37
2-Methylnaphthalene
Concen: 32.145 ng
RT: 12.48 min Scan# 1598
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ratio	Lower	Upper
142	100		
141	92.7	69.7	104.5
115	39.7	30.6	46.0

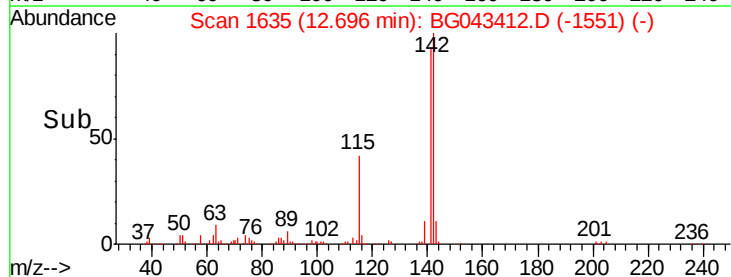
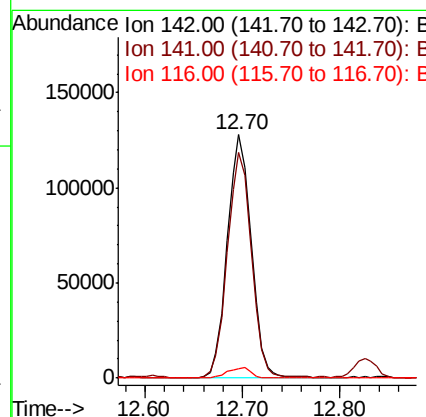
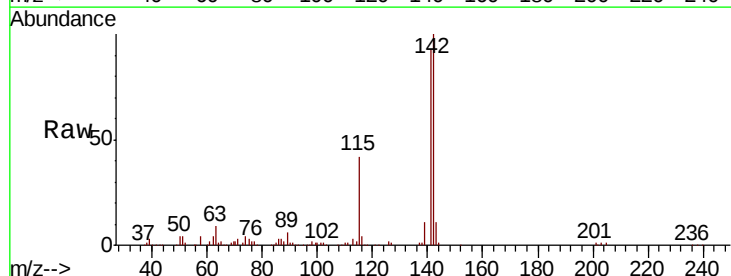
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#38
1-Methylnaphthalene
Concen: 32.765 ng
RT: 12.70 min Scan# 1635
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
142	100		
141	92.5	72.3	108.5
116	3.9	3.8	5.6





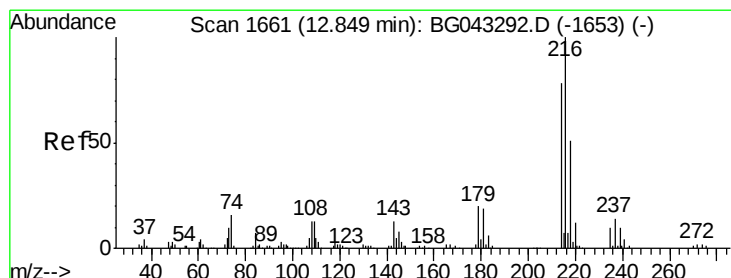
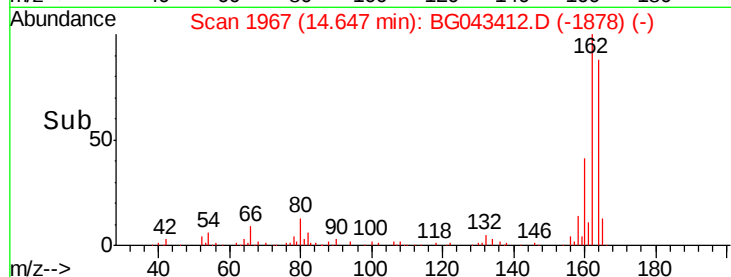
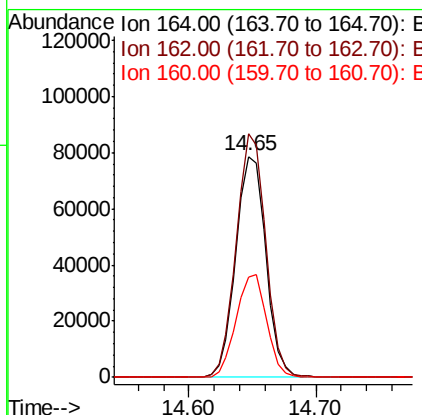
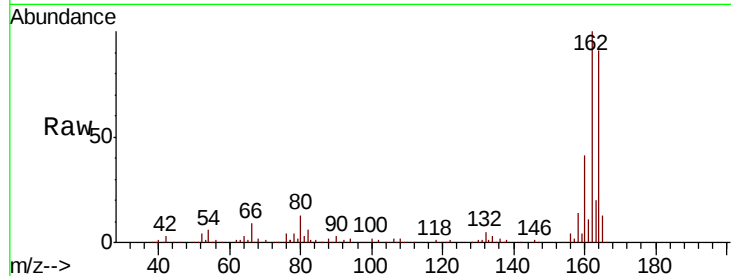
#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.65 min Scan# 1967
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ratio	Resp	Lower	Upper
164	100			
162	110.1	87.0	130.4	
160	45.5	35.5	53.3	

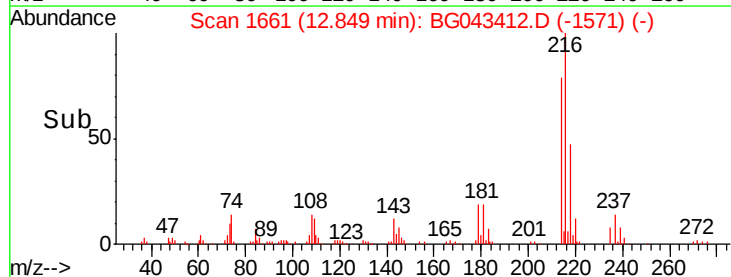
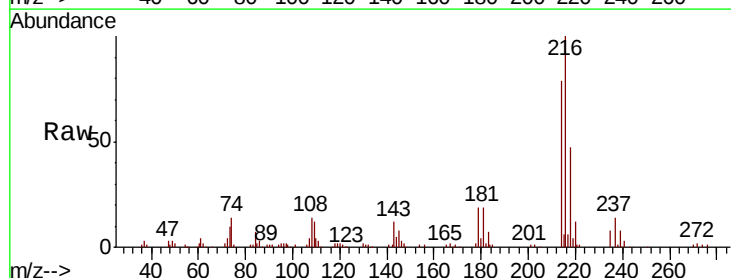
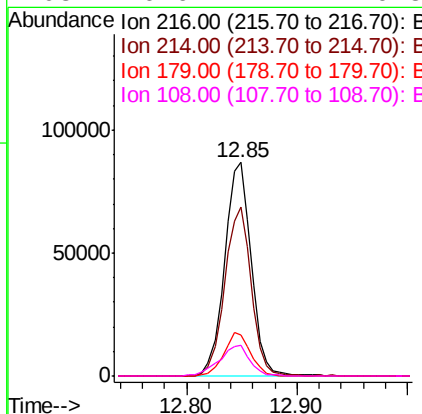
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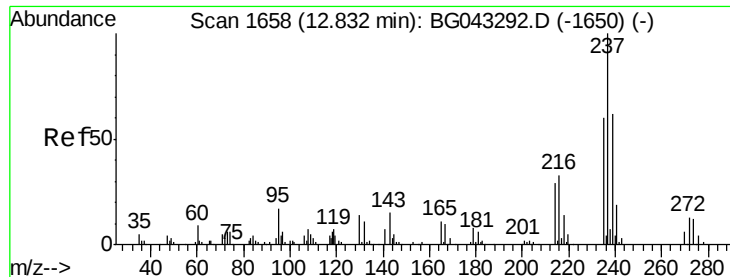
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#40
1,2,4,5-Tetrachlorobenzene
Concen: 30.683 ng
RT: 12.85 min Scan# 1661
Delta R.T. -0.00 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
216	100			
214	78.9	63.5	95.3	
179	20.3	16.2	24.2	
108	16.6	11.2	16.8	





#41

Hexachlorocyclopentadiene

Concen: 65.087 ng

RT: 12.83 min Scan# 1657

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

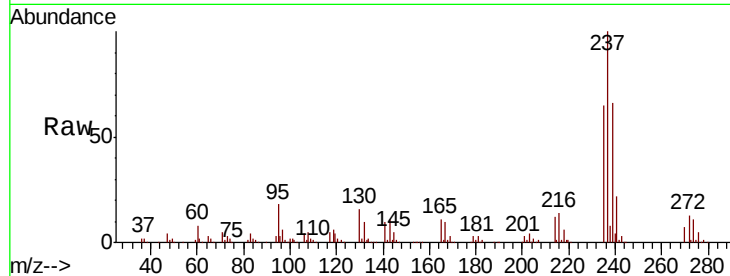
ClientSampleId :

Z3-20AMS

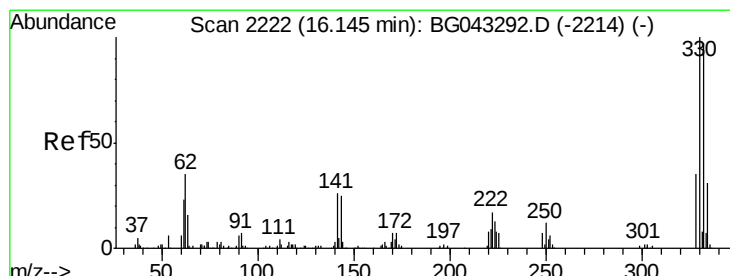
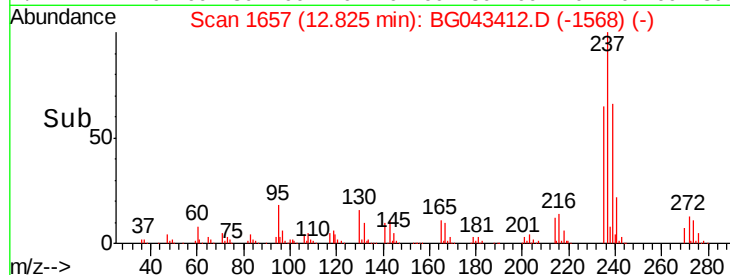
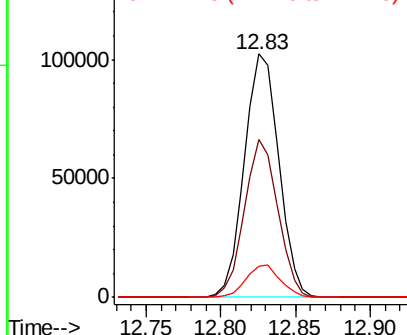
Tot Ion:	237	Resp:	163192
Ion Ratio	Lower	Upper	
237	100		
235	64.7	40.3	80.3
272	12.8	0.0	32.9

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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: 81.248 ng

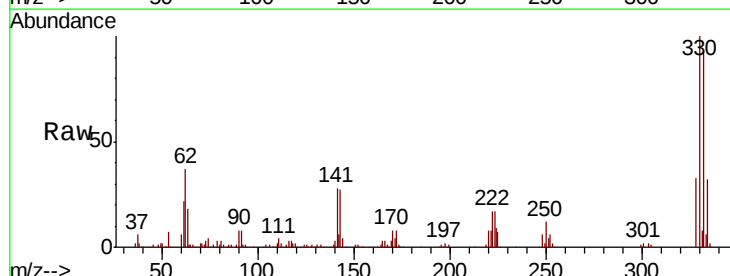
RT: 16.14 min Scan# 2221

Delta R.T. -0.01 min

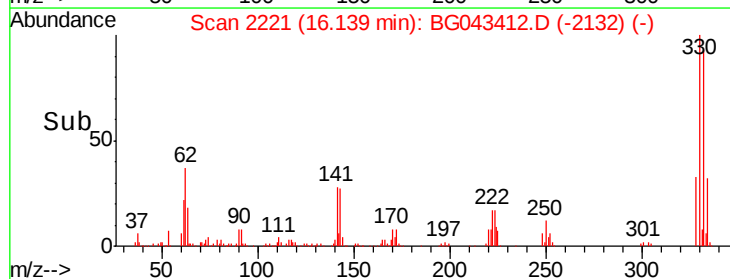
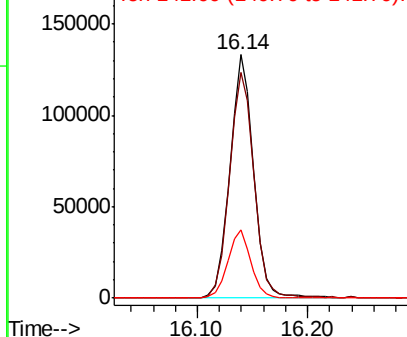
Lab File: BG043412.D

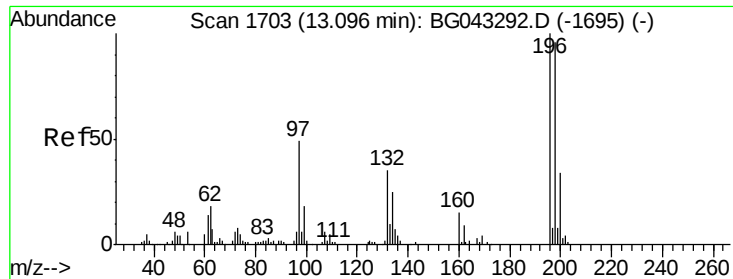
Acq: 30 Oct 2019 22:29

Tgt Ion:	330	Resp:	199409
Ion Ratio	Lower	Upper	
330	100		
332	96.8	76.4	114.6
141	27.5	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





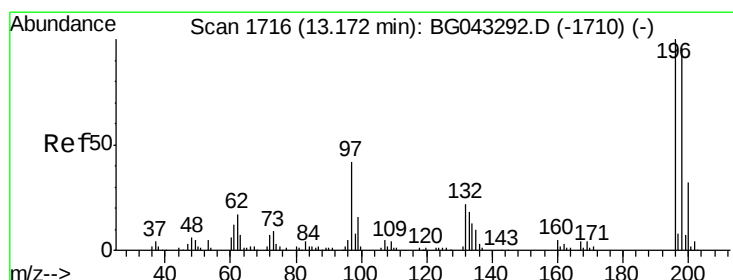
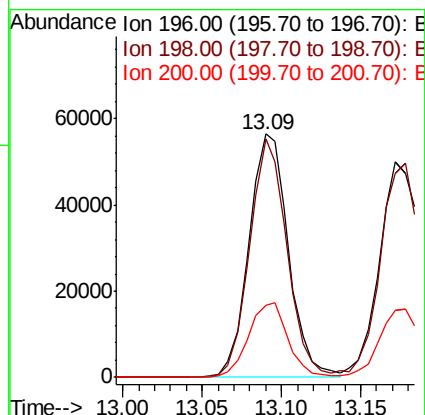
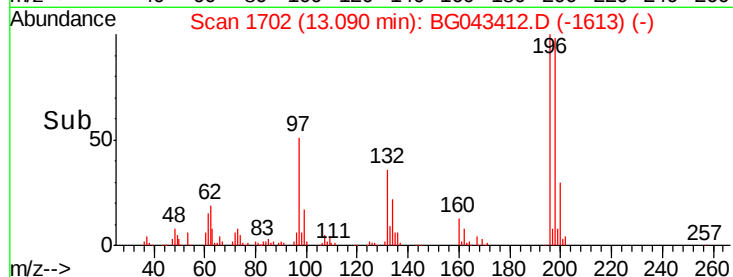
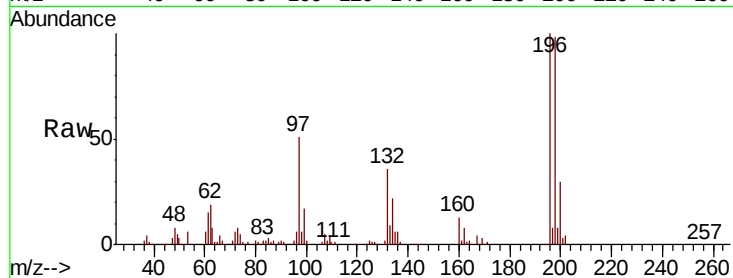
#43
 2,4,6-Trichlorophenol
 Concen: 34.740 ng
 RT: 13.09 min Scan# 1702
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Instrument :
 BNA_G
 ClientSampleId :
 Z3-20AMS

Tot Ion:196	Resp:	97651
Ion Ratio	Lower	Upper
196	100	
198	97.9	77.0 115.4
200	29.7	27.4 41.2

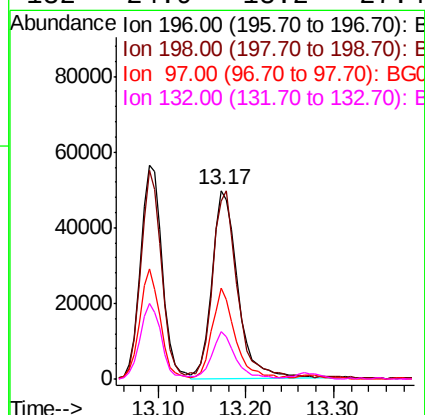
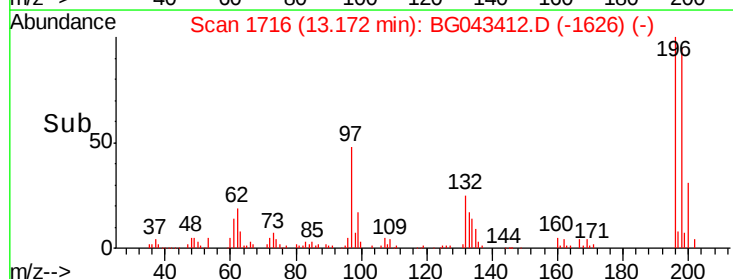
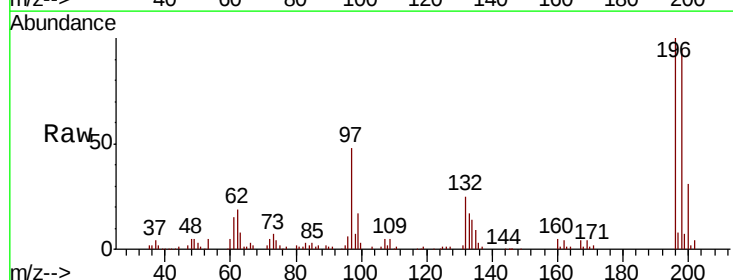
Manual Integrations
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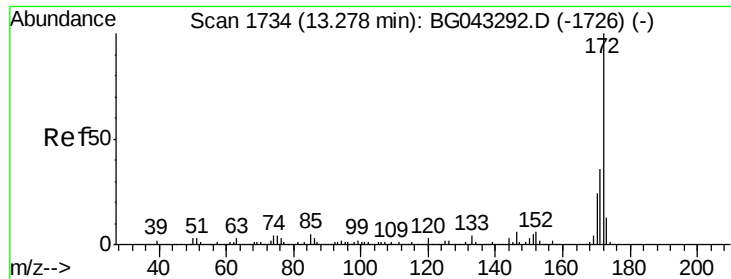
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#44
 2,4,5-Trichlorophenol
 Concen: 35.829 ng
 RT: 13.17 min Scan# 1716
 Delta R.T. -0.00 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tgt Ion:196	Resp:	101817
Ion Ratio	Lower	Upper
196	100	
198	94.7	76.6 114.8
97	48.0	34.1 51.1
132	24.9	18.2 27.4





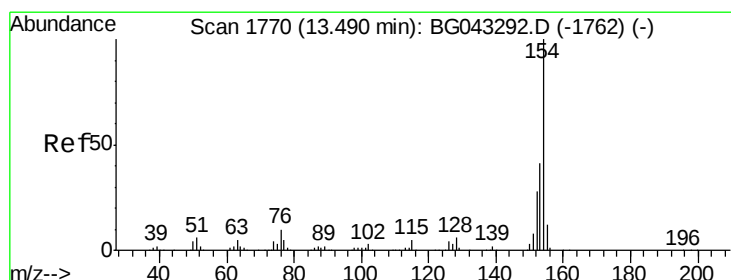
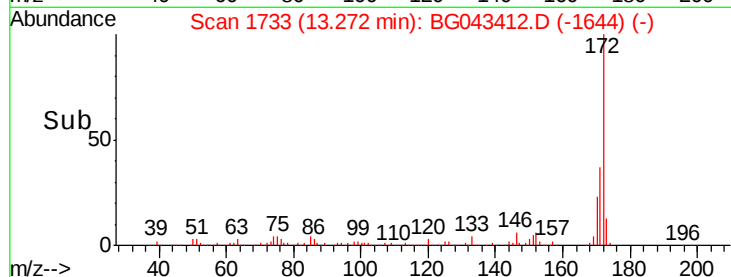
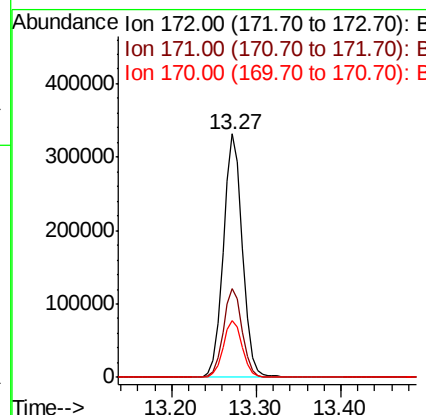
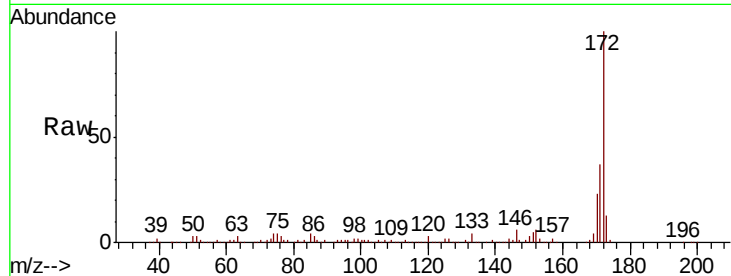
#45
 2-Fluorobiphenyl
 Concen: 55.651 ng
 RT: 13.27 min Scan# 1733
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Instrument :
 BNA_G
 ClientSampleId :
 Z3-20AMS

Tot Ion	Ratio	Lower	Upper
172	100		
171	36.5	28.5	42.7
170	23.2	18.8	28.2

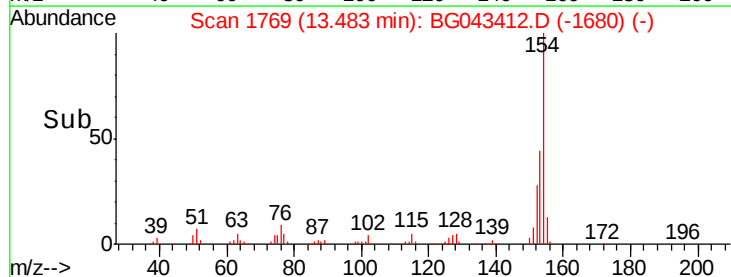
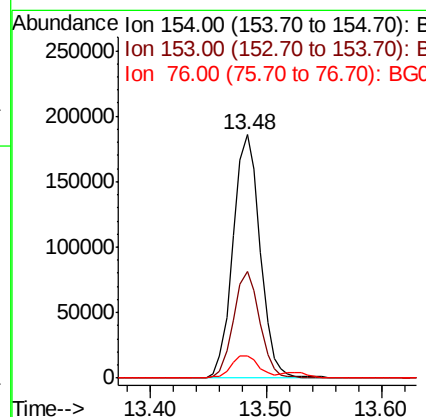
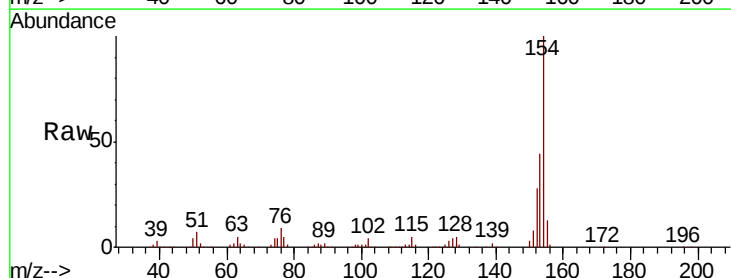
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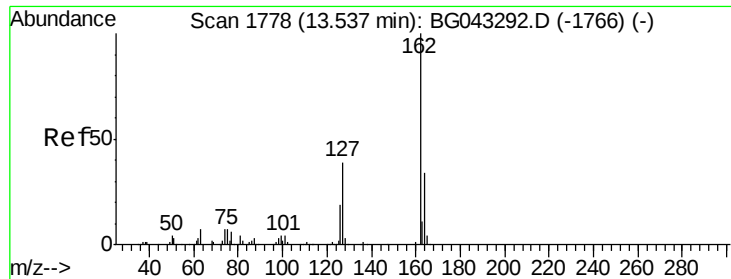
mohammad
 10/31/2019 2:52:06 PM



#46
 1,1'-Biphenyl
 Concen: 30.914 ng
 RT: 13.48 min Scan# 1769
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
154	100		
153	43.6	21.0	61.0
76	9.0	0.0	29.8





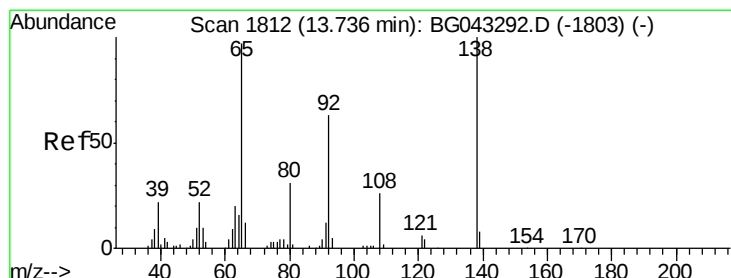
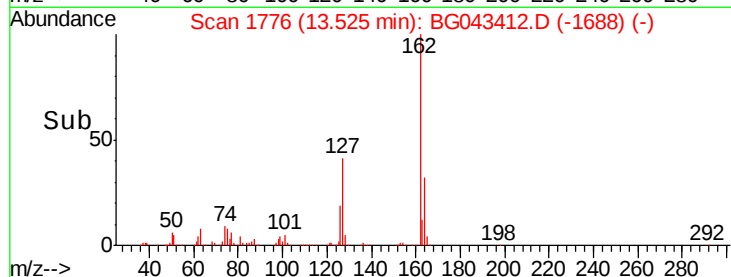
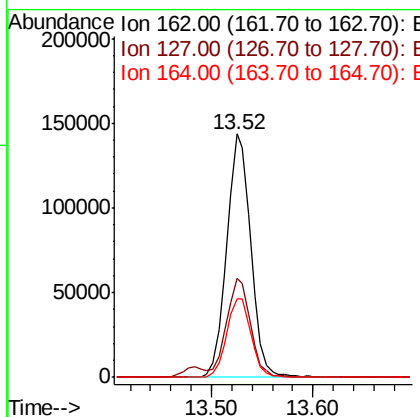
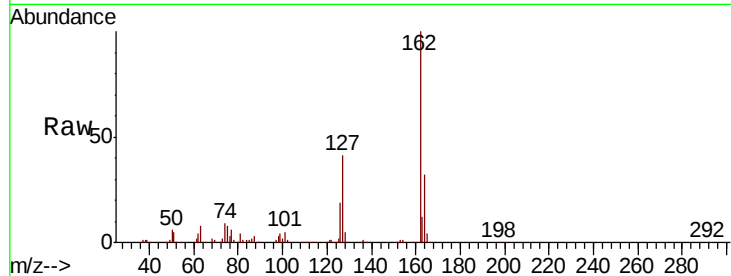
#47
2-Chloronaphthalene
Concen: 31.600 ng
RT: 13.52 min Scan# 1776
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ratio	Lower	Upper
162	100		
127	40.7	31.3	46.9
164	32.3	26.8	40.2

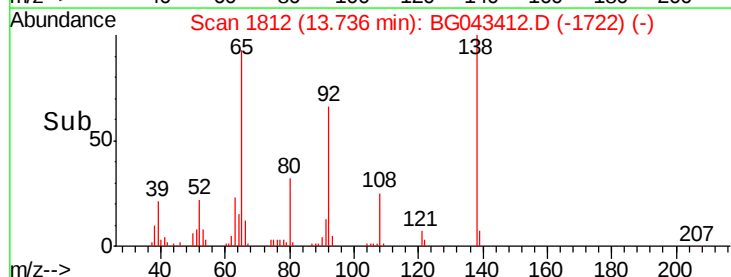
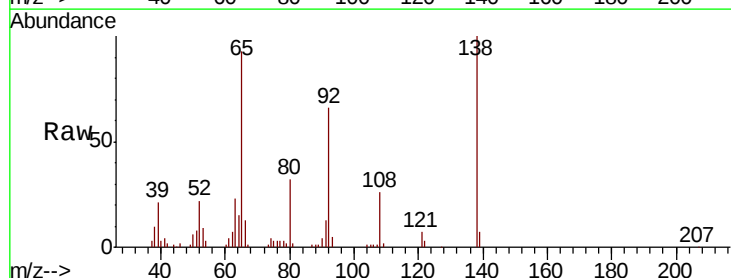
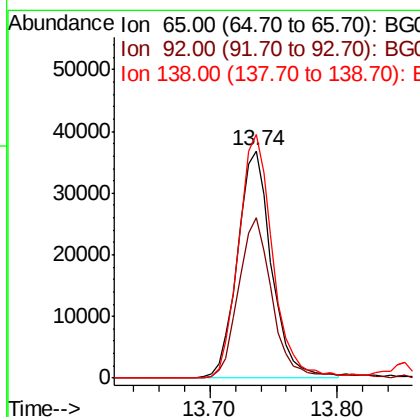
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#48
2-Nitroaniline
Concen: 30.755 ng
RT: 13.74 min Scan# 1812
Delta R.T. -0.00 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
65	100		
92	70.9	52.6	79.0
138	107.2	82.9	124.3





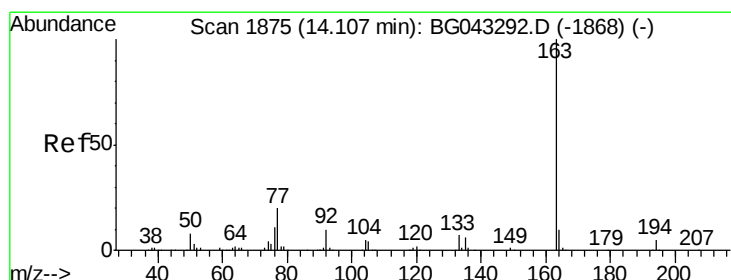
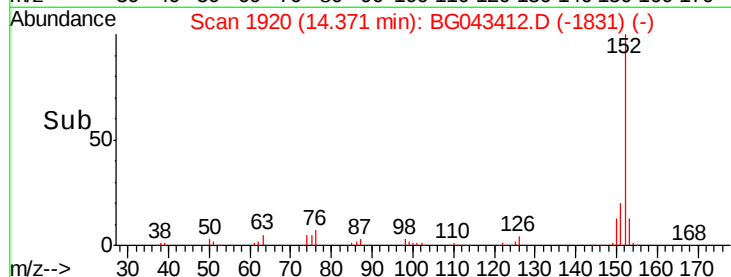
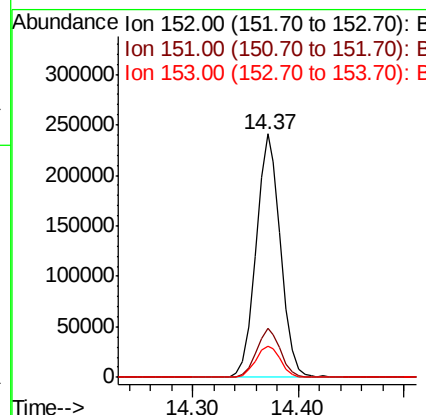
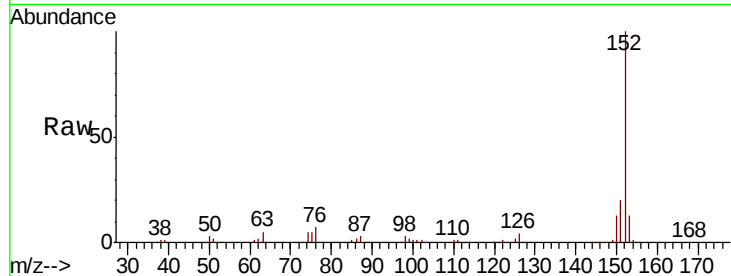
#49
Acenaphthylene
Concen: 33.419 ng
RT: 14.37 min Scan# 1920
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ratio	Lower	Upper
152	100		
151	20.3	17.2	25.8
153	12.9	11.0	16.6

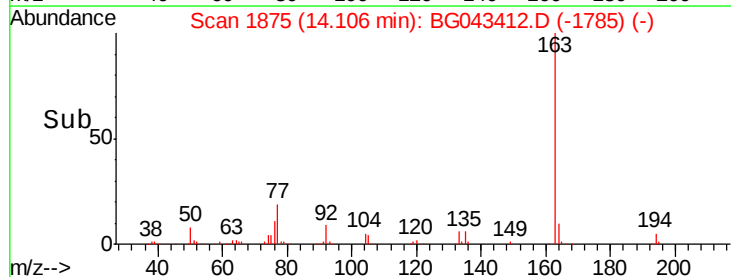
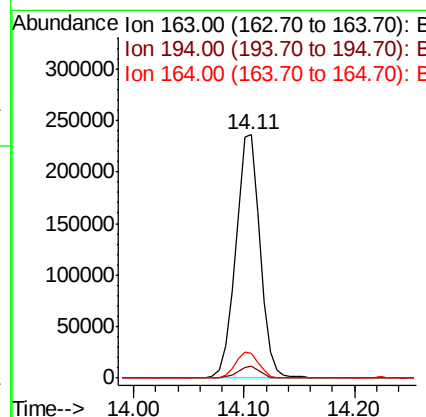
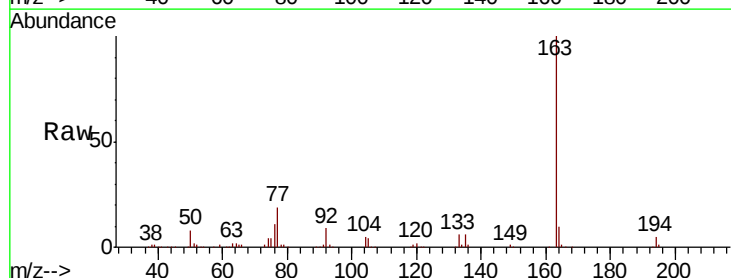
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#50
Dimethylphthalate
Concen: 36.481 ng
RT: 14.11 min Scan# 1875
Delta R.T. -0.00 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
163	100		
194	5.0	3.7	5.5
164	10.1	8.1	12.1





#51

2,6-Dinitrotoluene

Concen: 32.824 ng

RT: 14.22 min Scan# 1895

Delta R.T. -0.00 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

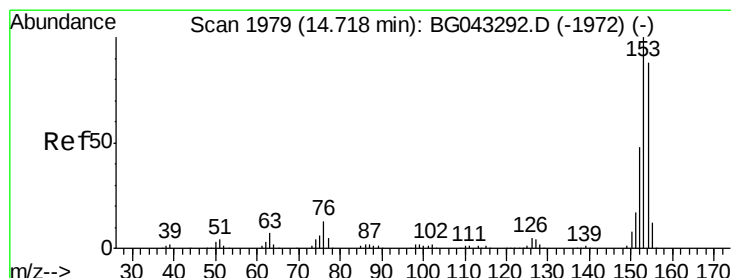
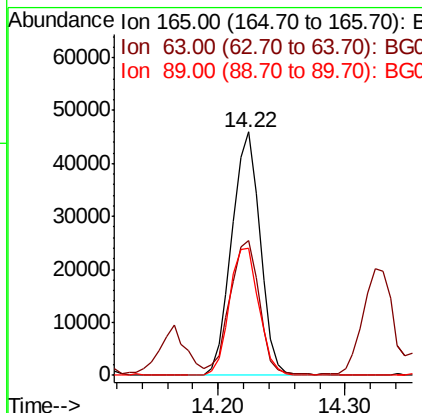
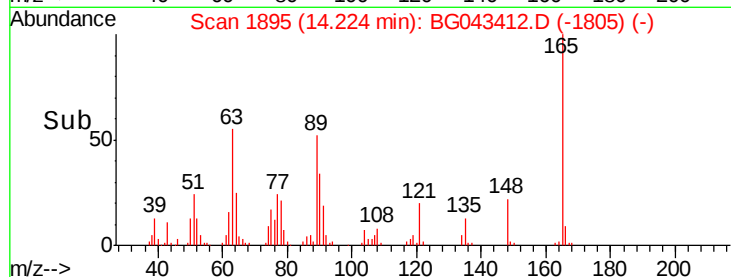
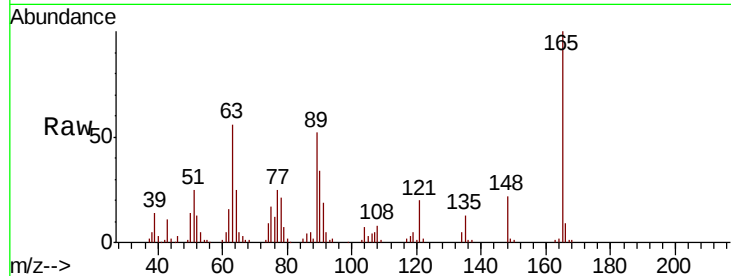
ClientSampleId :

Z3-20AMS

Tot Ion:	165	Resp:	71237
Ion Ratio	Lower	Upper	
165	100		
63	55.5	47.1	70.7
89	52.1	43.7	65.5

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#52

Acenaphthene

Concen: 32.574 ng

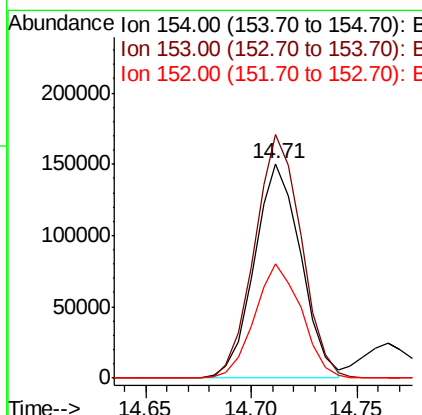
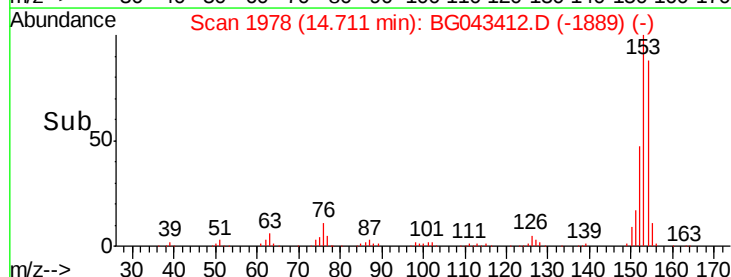
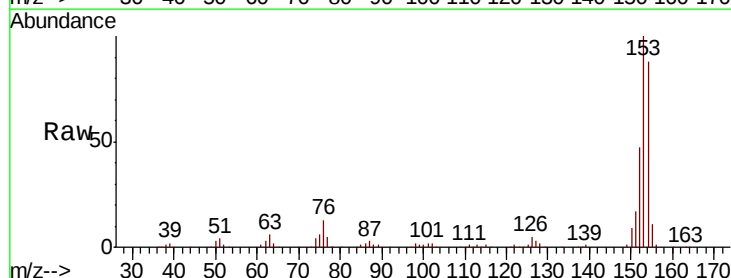
RT: 14.71 min Scan# 1978

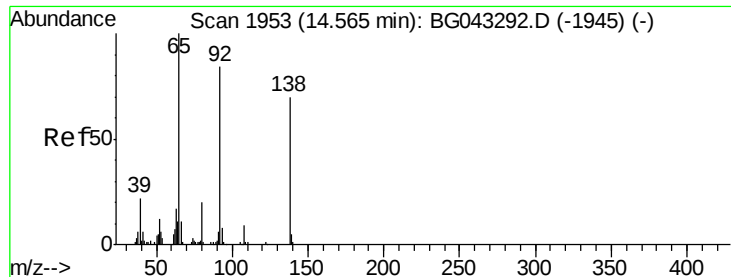
Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Tgt Ion:	154	Resp:	230798
Ion Ratio	Lower	Upper	
154	100		
153	113.6	90.9	136.3
152	53.4	43.9	65.9





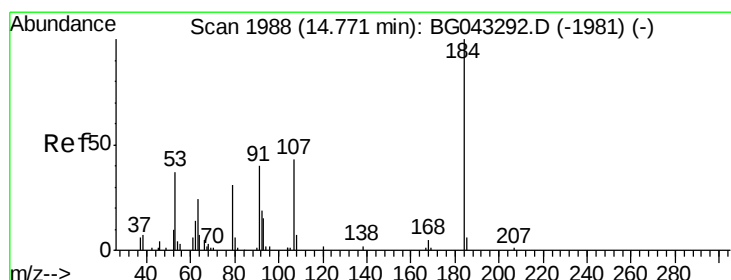
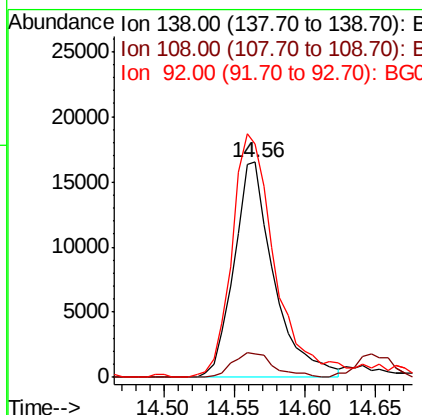
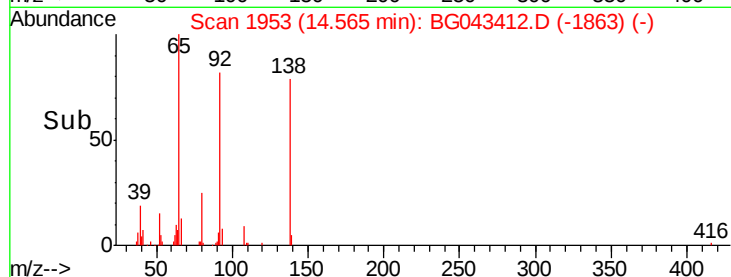
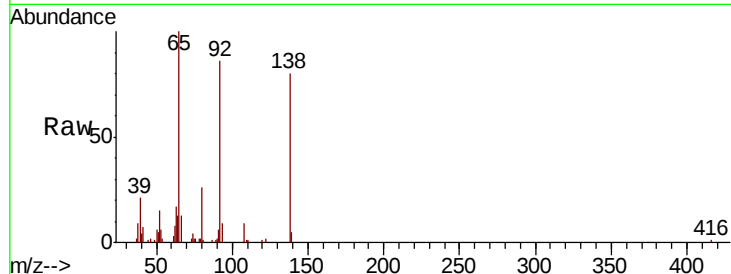
#53
3-Nitroaniline
Concen: 15.580 ng
RT: 14.56 min Scan# 1953
Delta R.T. -0.00 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ratio	Lower	Upper
138	100		
108	11.1	9.8	14.6
92	108.2	95.8	143.6

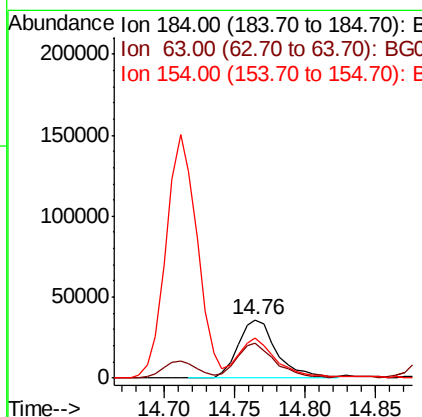
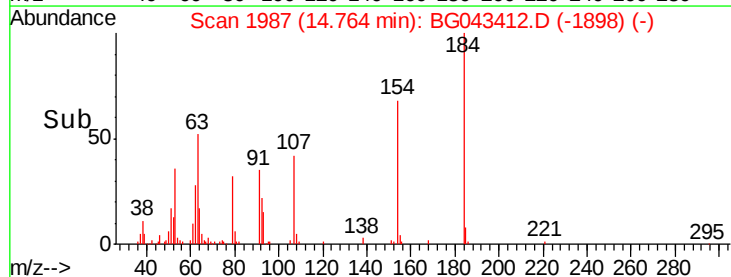
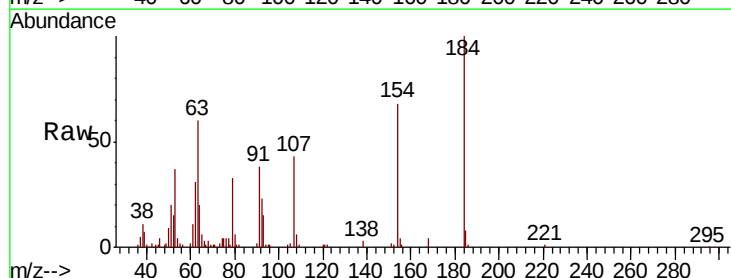
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#54
2,4-Dinitrophenol
Concen: 53.328 ng
RT: 14.76 min Scan# 1987
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
184	100		
63	59.8	48.8	73.2
154	68.2	49.4	74.0





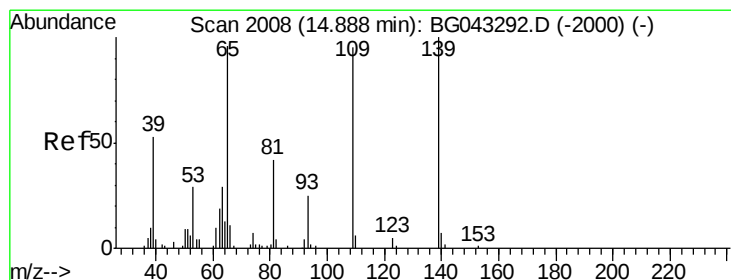
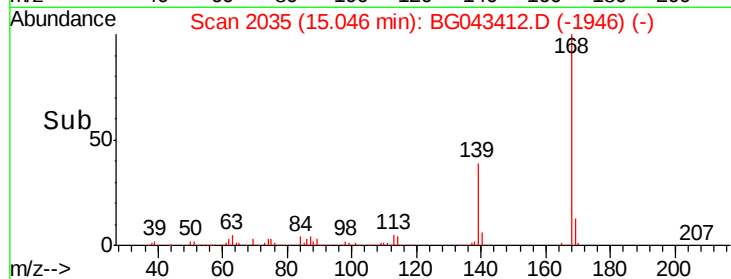
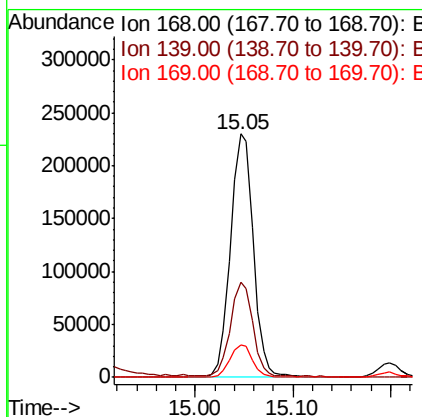
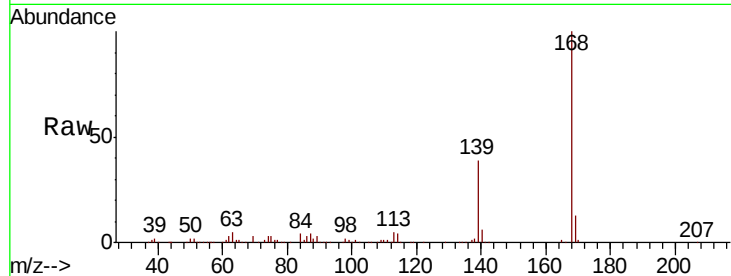
#55
Dibenzenofuran
Concen: 32.601 ng
RT: 15.05 min Scan# 2035
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ratio	Lower	Upper
168	100		
139	39.1	31.7	47.5
169	13.3	11.0	16.4

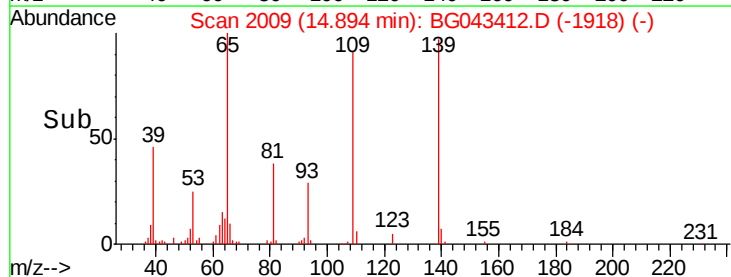
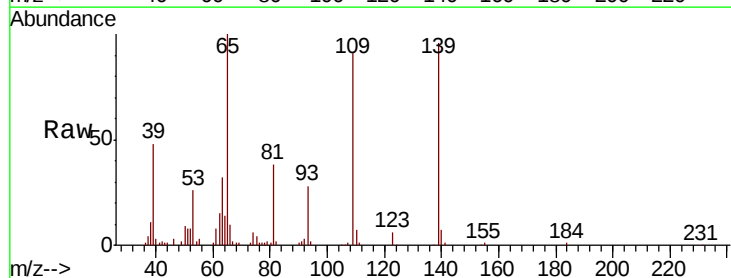
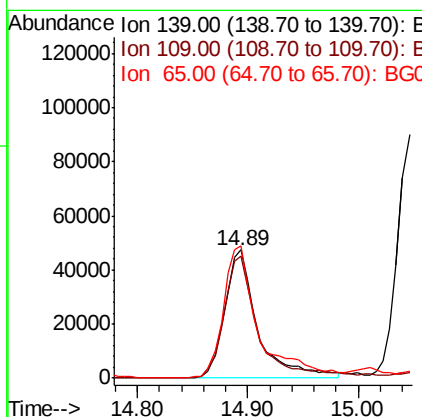
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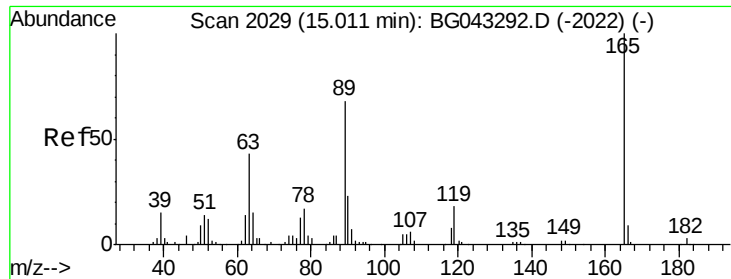
mohammad
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#56
4-Nitrophenol
Concen: 70.634 ng
RT: 14.89 min Scan# 2009
Delta R.T. 0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
139	100		
109	94.9	75.4	115.4
65	103.7	76.6	116.6





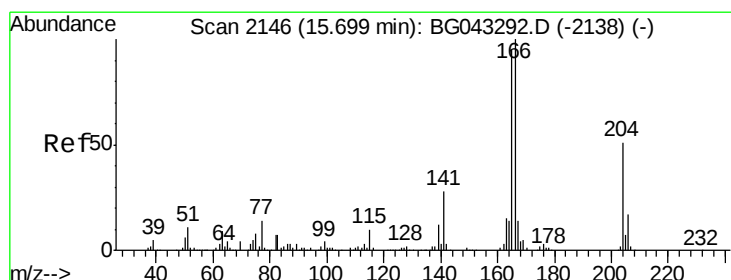
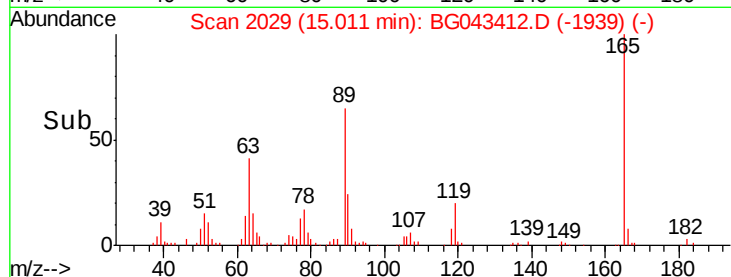
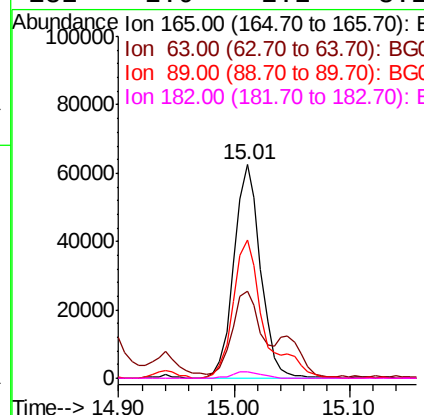
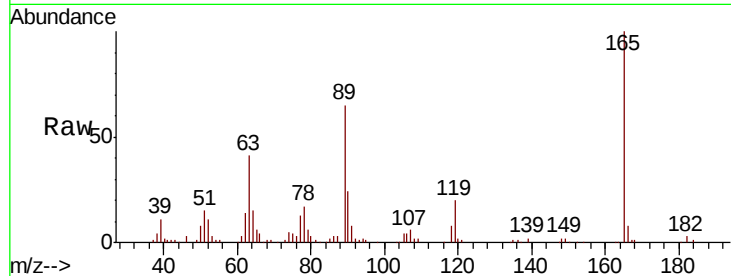
#57
2,4-Dinitrotoluene
Concen: 32.213 ng
RT: 15.01 min Scan# 2029
Delta R.T. -0.00 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ratio	Resp	Lower	Upper
165	100	99909		
63	40.9	35.0	52.6	
89	64.7	54.1	81.1	
182	2.9	2.2	3.2	

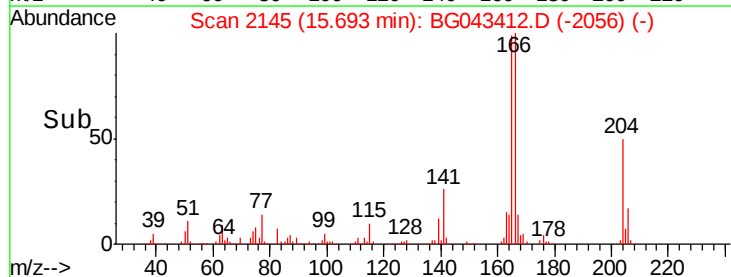
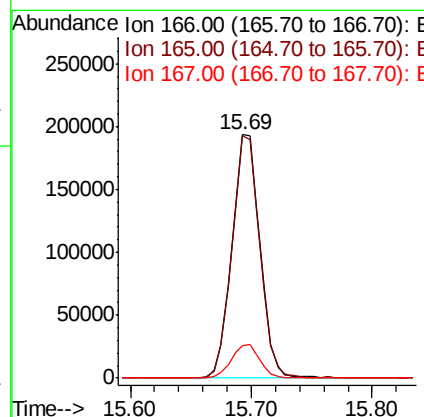
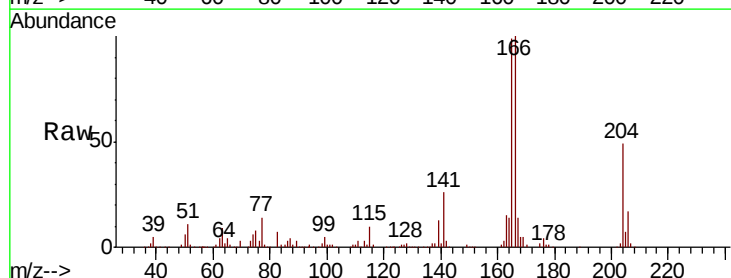
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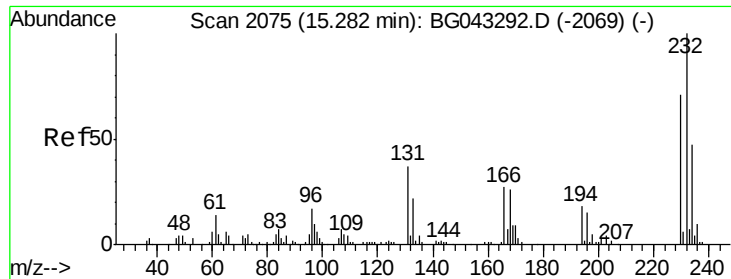
mohammad
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#58
Fluorene
Concen: 32.432 ng
RT: 15.69 min Scan# 2145
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
166	100	312544		
165	99.3	76.4	114.6	
167	13.5	11.1	16.7	





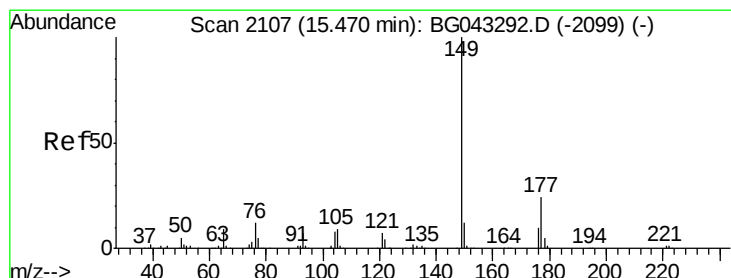
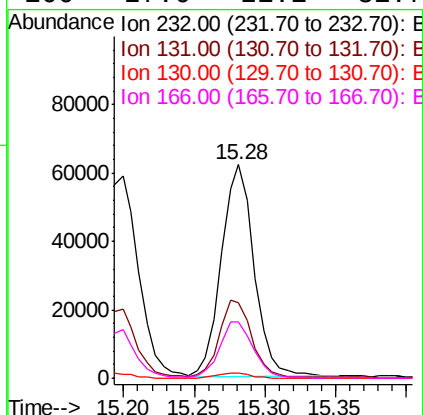
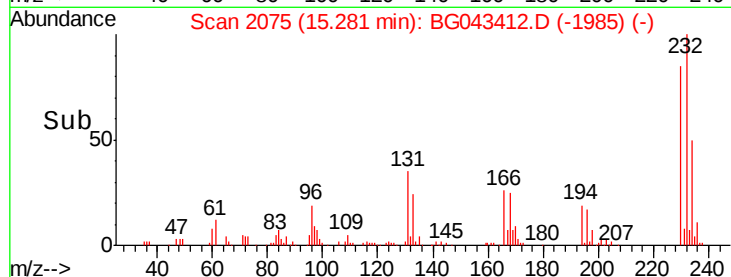
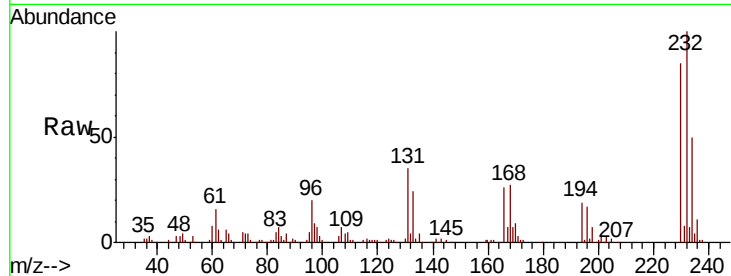
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 33.344 ng
 RT: 15.28 min Scan# 2075
 Delta R.T. -0.00 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Instrument :
 BNA_G
 ClientSampleId :
 Z3-20AMS

Tot Ion	Ratio	Resp	Lower	Upper
232	100	100674		
131	36.2	28.7	43.1	
130	2.3	0.6	0.8	
166	27.6	21.1	31.7	

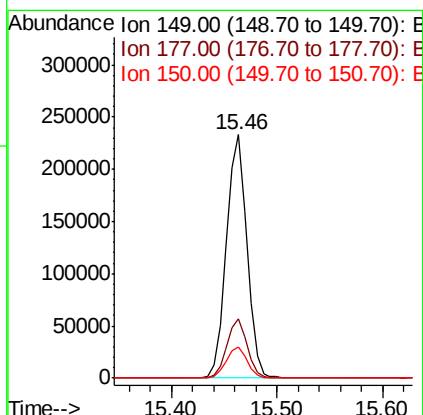
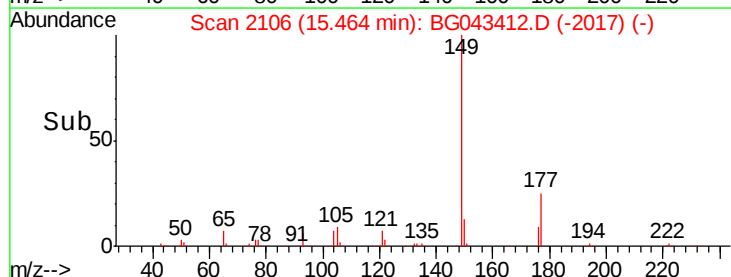
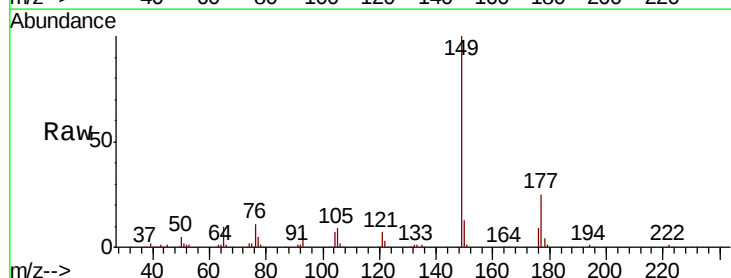
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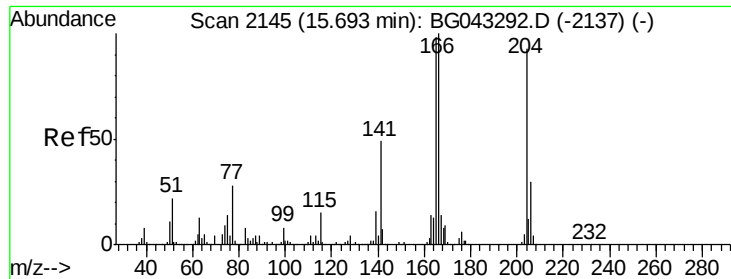
mohammad
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#60
 Diethylphthalate
 Concen: 31.078 ng
 RT: 15.46 min Scan# 2106
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
149	100	311946		
177	24.5	19.0	28.4	
150	12.8	9.4	14.0	





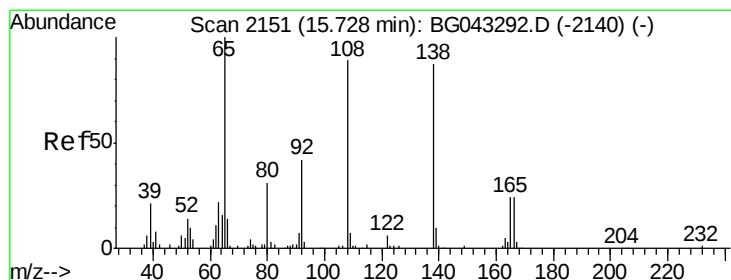
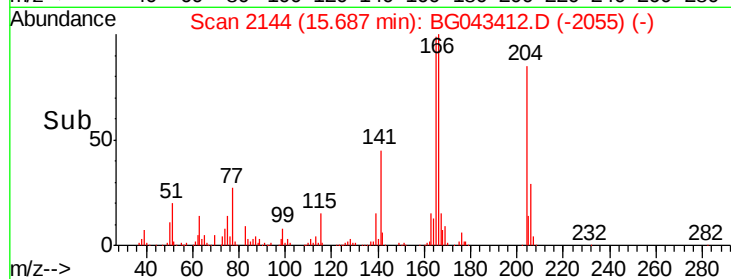
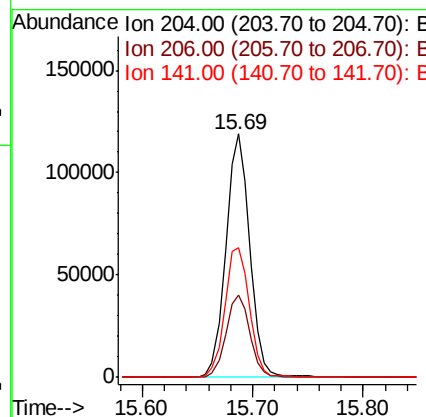
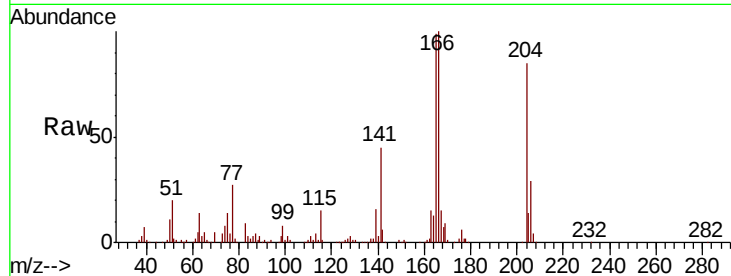
#61
4-Chlorophenyl-phenylether
Concen: 31.887 ng
RT: 15.69 min Scan# 2144
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ratio	Lower	Upper
204	100		
206	33.6	25.7	38.5
141	53.1	42.3	63.5

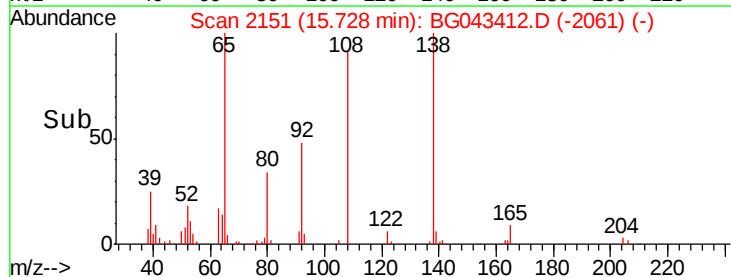
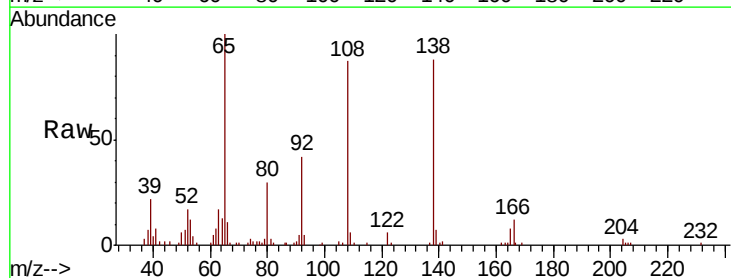
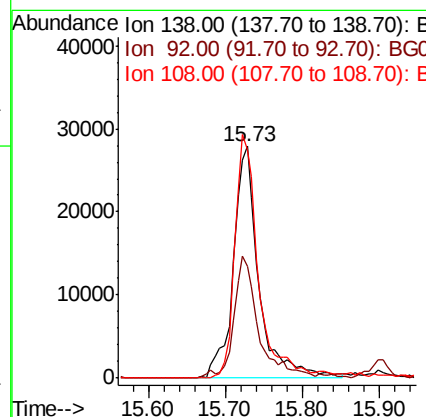
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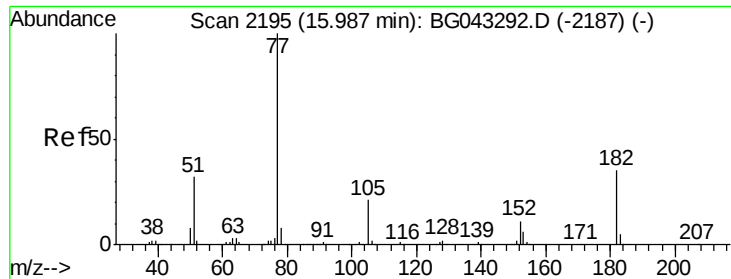
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#62
4-Nitroaniline
Concen: 29.868 ng
RT: 15.73 min Scan# 2151
Delta R.T. -0.00 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
138	100		
92	48.3	28.8	68.8
108	98.6	82.7	122.7





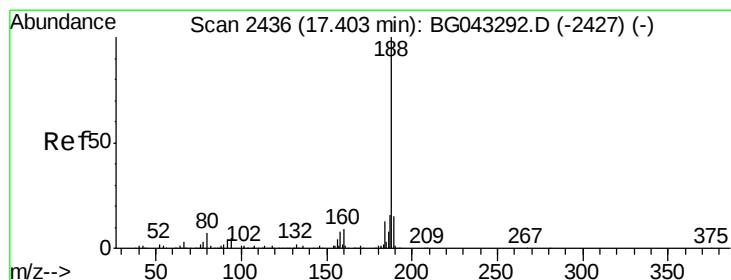
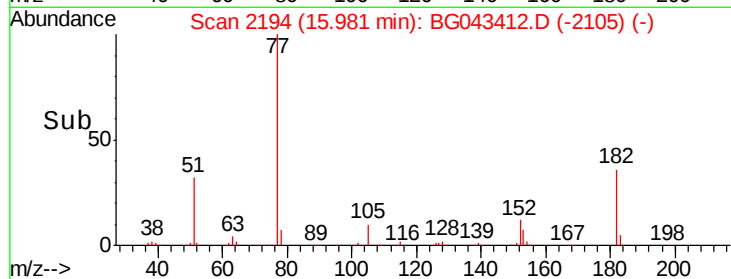
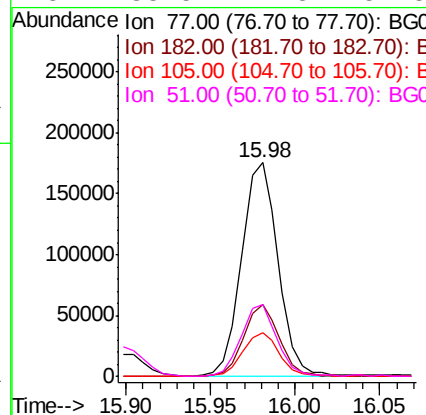
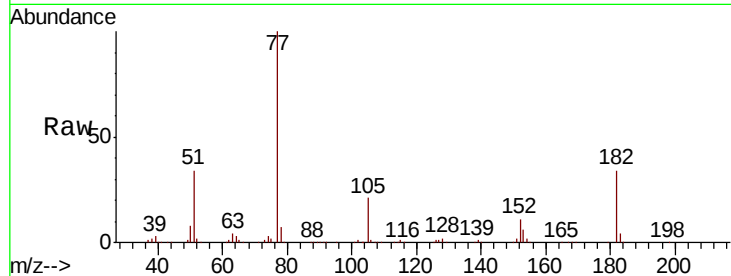
#63
Azobenzene
Concen: 32.253 ng
RT: 15.98 min Scan# 2194
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ratio	Lower	Upper
77	100		
182	33.8	14.9	54.9
105	20.6	0.6	40.6
51	33.5	12.5	52.5

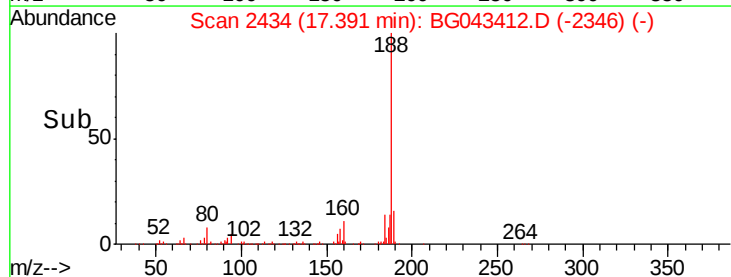
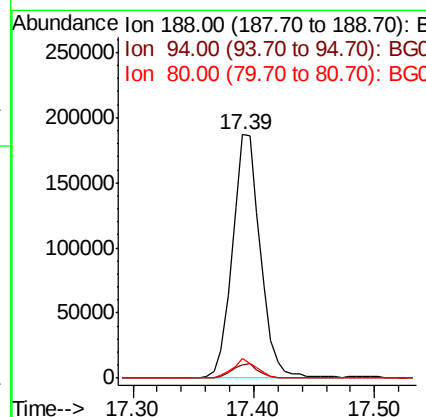
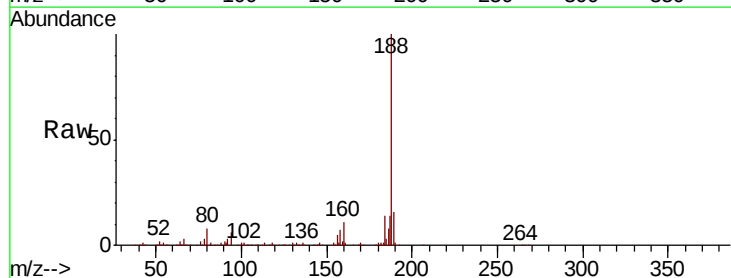
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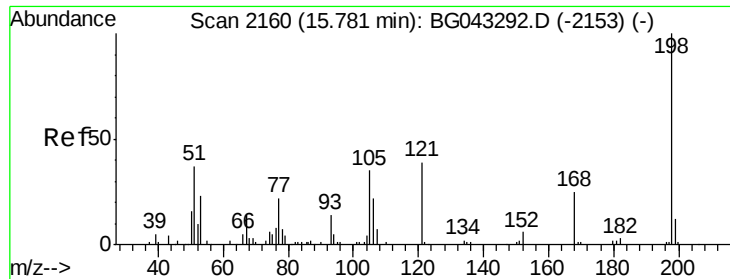
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#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
188	100		
94	5.5	4.2	6.2
80	8.2	5.2	7.8





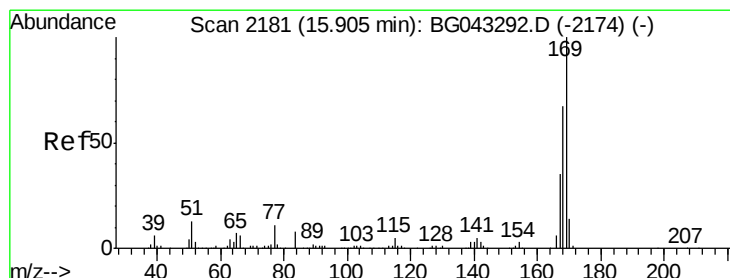
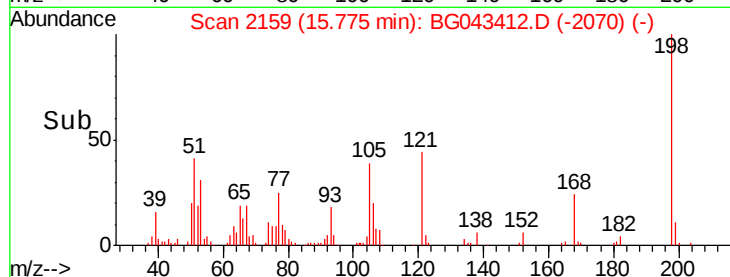
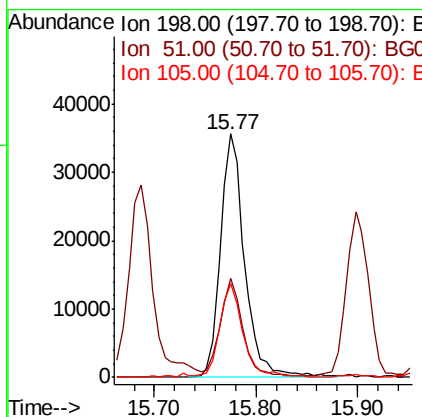
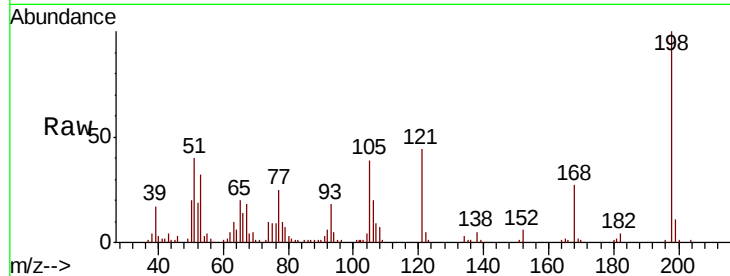
#65
4,6-Dinitro-2-methylphenol
Concen: 33.334 ng
RT: 15.77 min Scan# 2159
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ratio	Resp	Lower	Upper
198	100	58932		
51	40.5		21.4	61.4
105	38.7		16.5	56.5

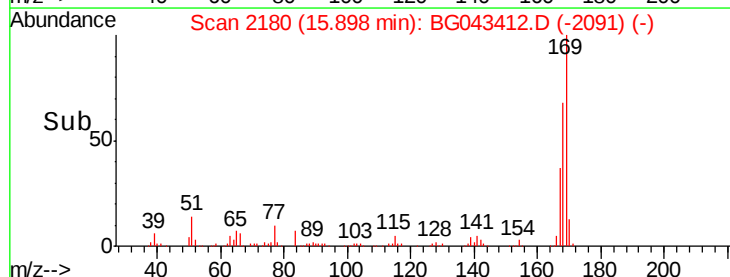
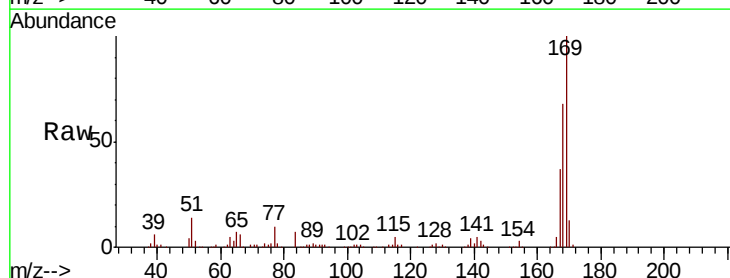
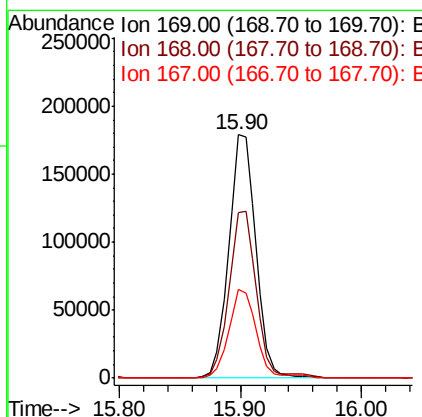
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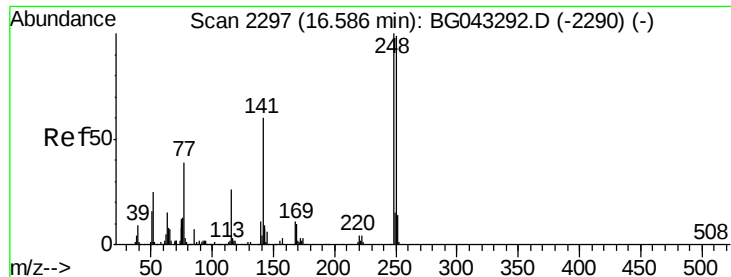
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#66
n-Nitrosodiphenylamine
Concen: 32.882 ng
RT: 15.90 min Scan# 2180
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
169	100	278880		
168	67.9		53.9	80.9
167	36.6		28.3	42.5





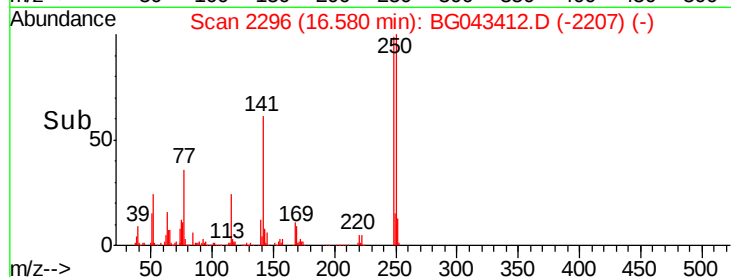
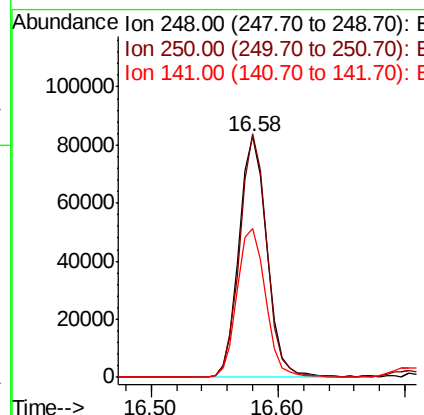
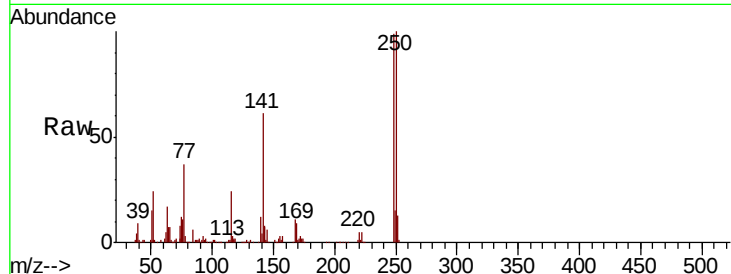
#67
4-Bromophenyl-phenylether
Concen: 31.194 ng
RT: 16.58 min Scan# 2296
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ratio	Lower	Upper
248	100		
250	101.2	79.3	118.9
141	61.6	47.9	71.9

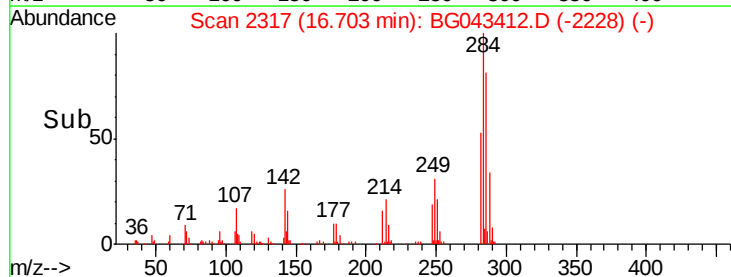
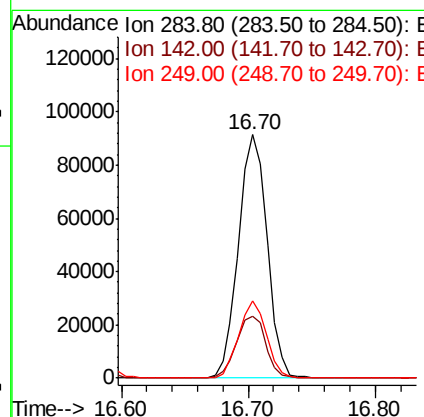
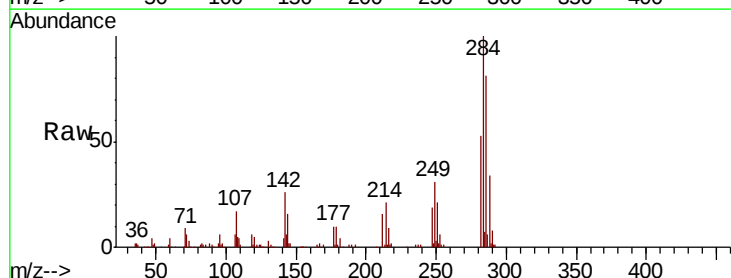
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#68
Hexachlorobenzene
Concen: 30.731 ng
RT: 16.70 min Scan# 2317
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
284	100		
142	25.5	21.1	31.7
249	31.5	24.4	36.6





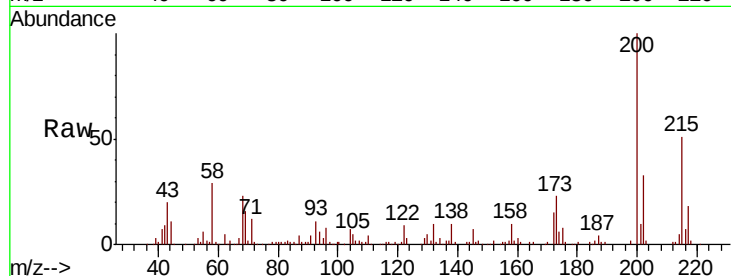
#69
Atrazine
Concen: 39.962 ng
RT: 16.85 min Scan# 2342
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

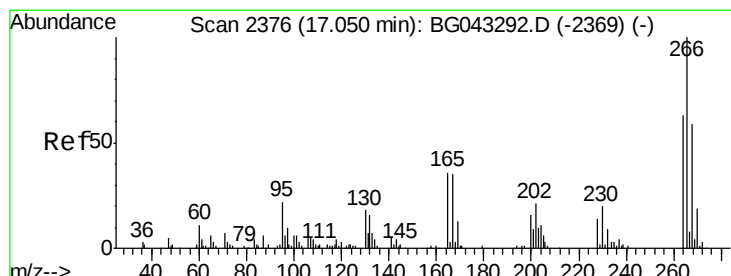
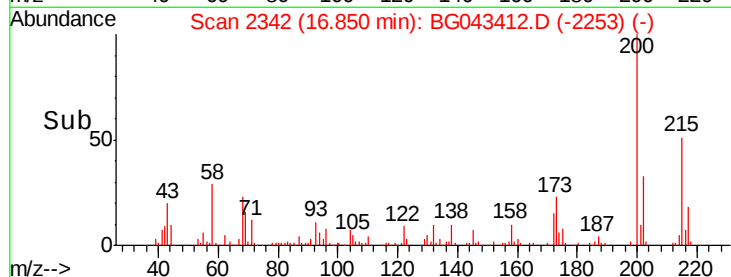
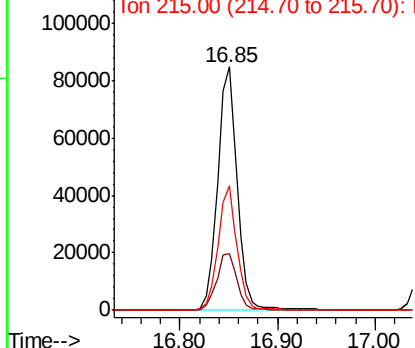
Tot Ion	Ratio	Resp	Lower	Upper
200	100	117769		
173	23.2	5.1	45.1	
215	51.4	26.6	66.6	

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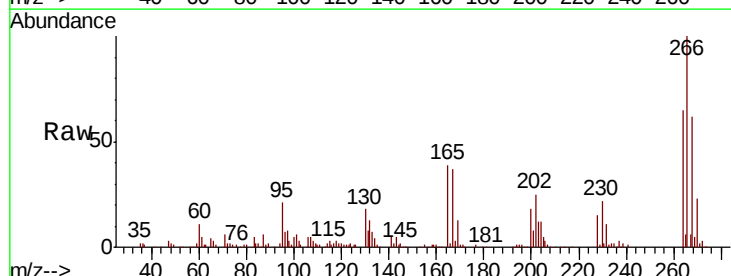


Abundance Ion 200.00 (199.70 to 200.70): E
Ion 173.00 (172.70 to 173.70): E
Ion 215.00 (214.70 to 215.70): E

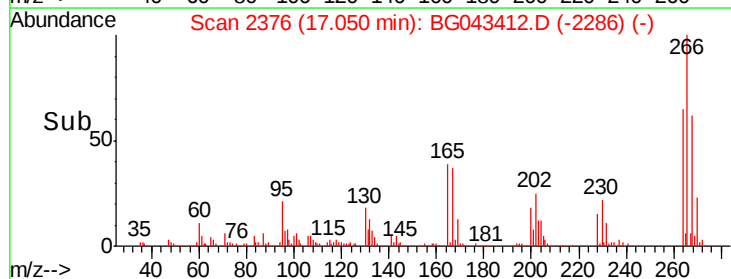
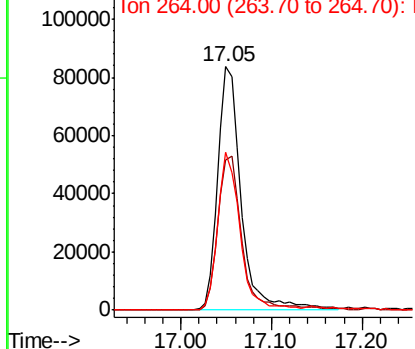


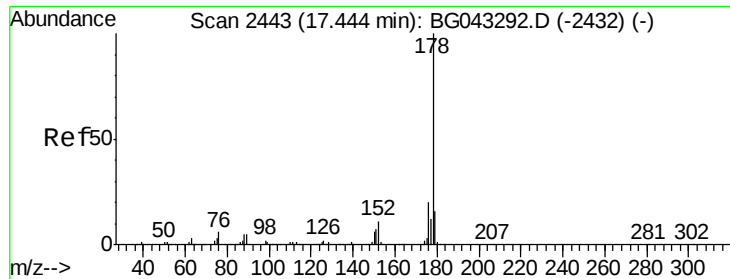
#70
Pentachlorophenol
Concen: 70.871 ng
RT: 17.05 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Resp	Lower	Upper
266	100	149861		
268	61.6	47.1	70.7	
264	64.8	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





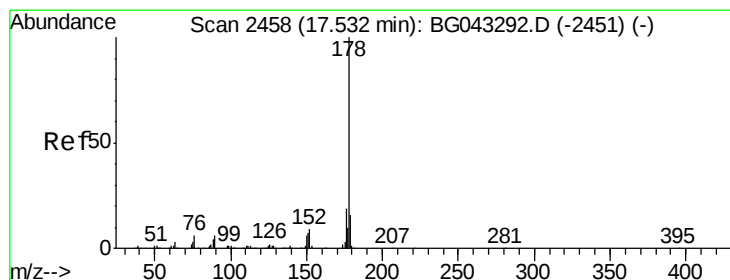
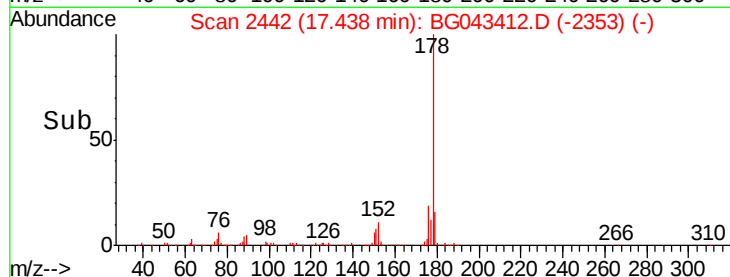
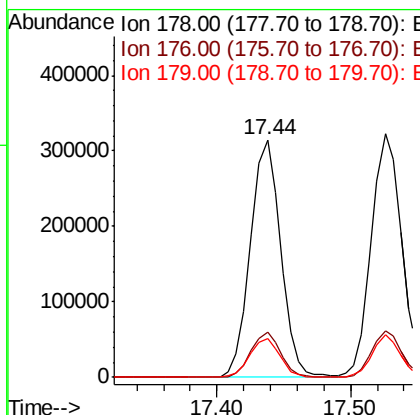
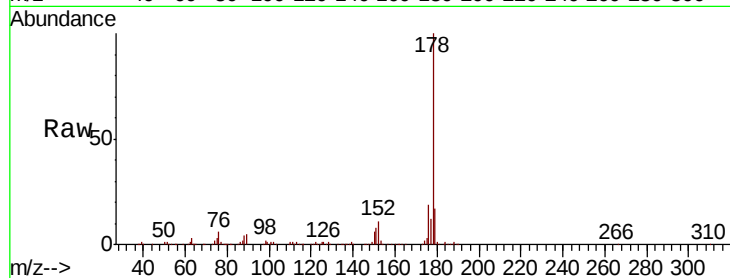
#71
Phenanthrene
Concen: 32.040 ng
RT: 17.44 min Scan# 2442
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.8	23.8
179	16.6	13.1	19.7

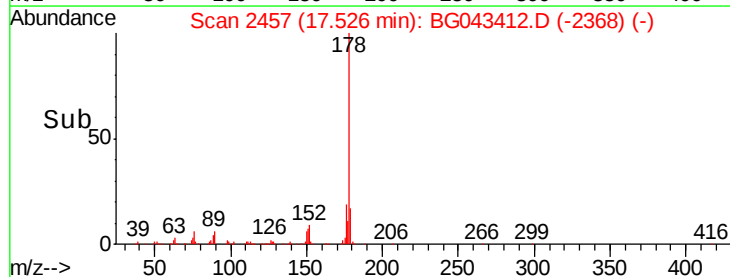
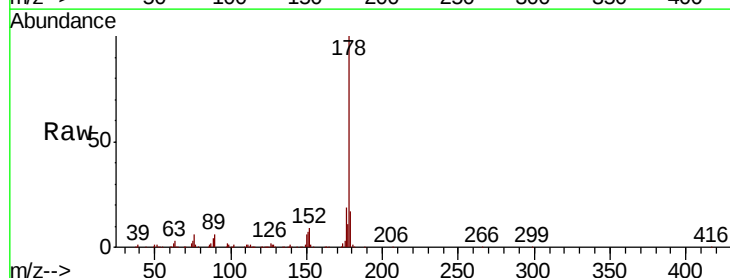
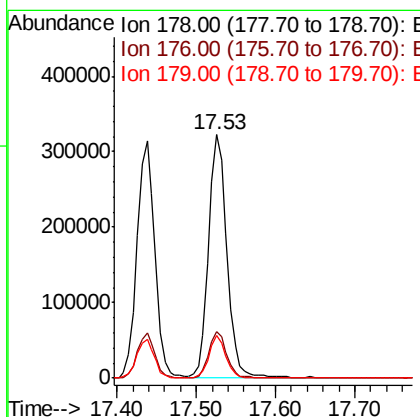
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#72
Anthracene
Concen: 33.921 ng
RT: 17.53 min Scan# 2457
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.2	15.1	22.7
179	17.3	13.0	19.6





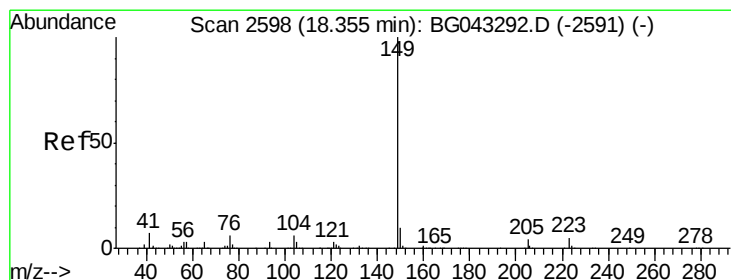
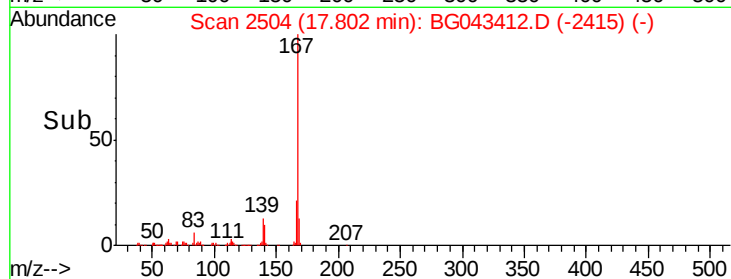
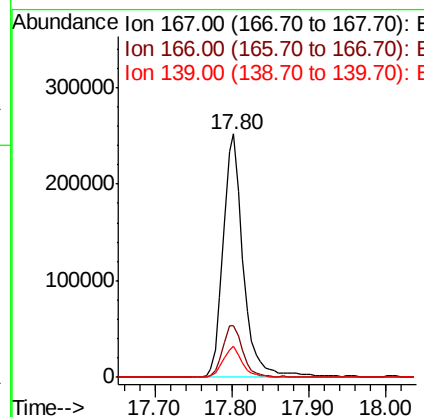
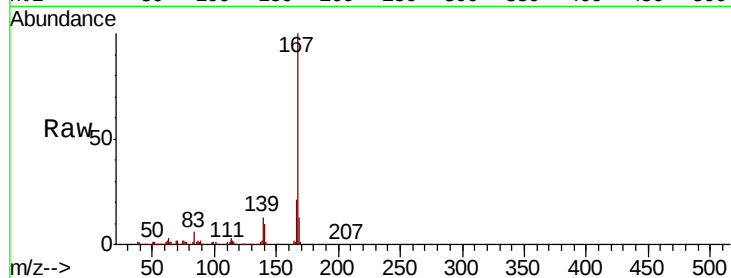
#73
 Carbazole
 Concen: 32.742 ng
 RT: 17.80 min Scan# 2504
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Instrument :
 BNA_G
 ClientSampleId :
 Z3-20AMS

Tot Ion	Ratio	Lower	Upper
167	100		
166	21.2	18.4	27.6
139	12.6	10.2	15.4

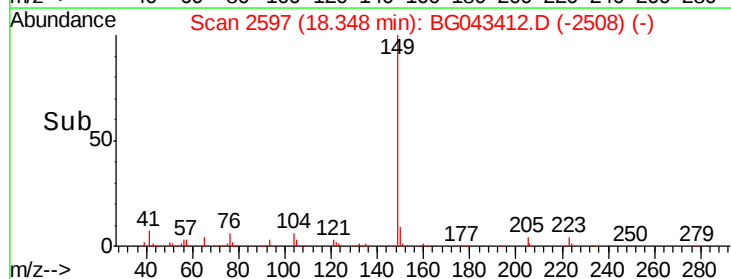
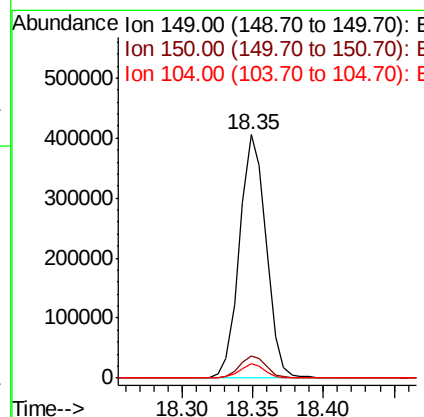
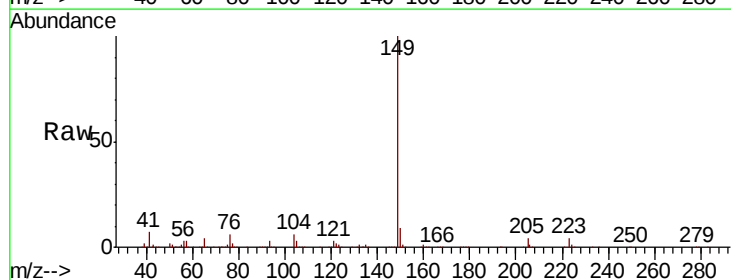
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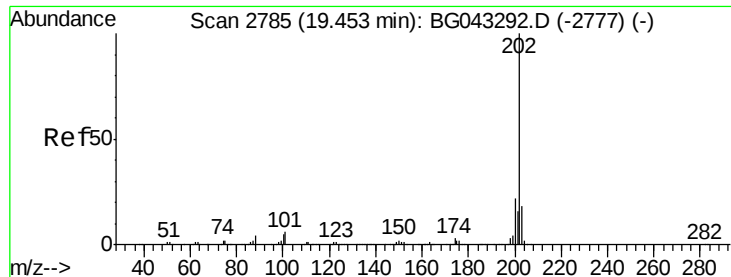
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#74
 Di-n-butylphthalate
 Concen: 31.549 ng
 RT: 18.35 min Scan# 2597
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
149	100		
150	9.2	8.0	12.0
104	5.9	4.7	7.1





#75

Fluoranthene

Concen: 32.193 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

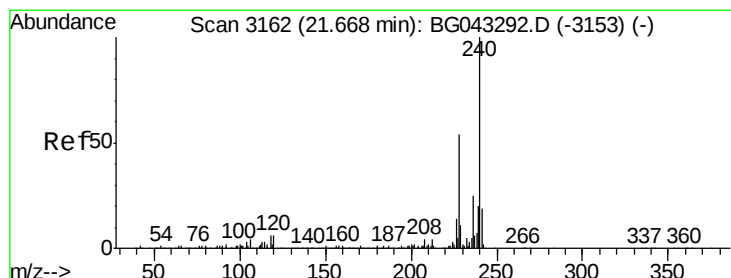
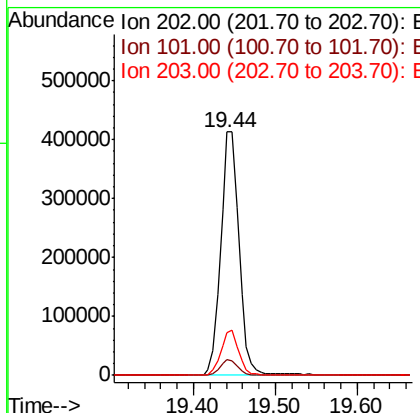
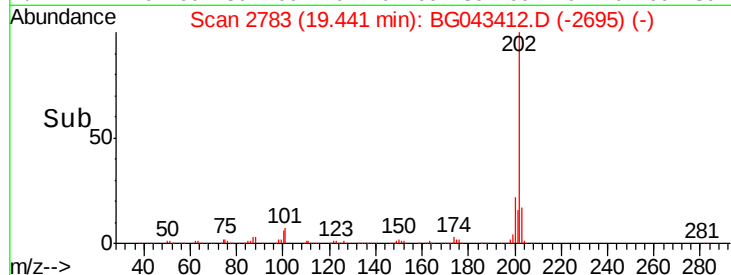
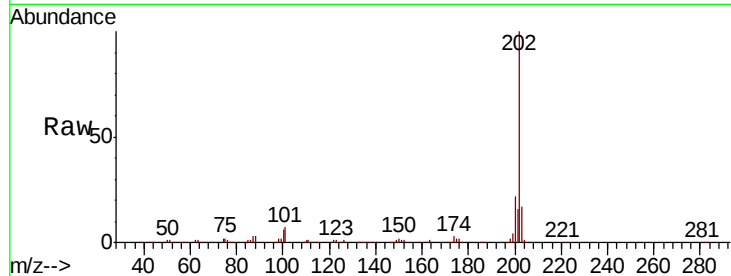
ClientSampleId :

Z3-20AMS

Tot Ion:	202	Resp:	645619
Ion Ratio	Lower	Upper	
202	100		
101	6.6	0.0	26.0
203	17.5	0.0	38.2

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#76

Chrysene-d12

Concen: 20.000 ng

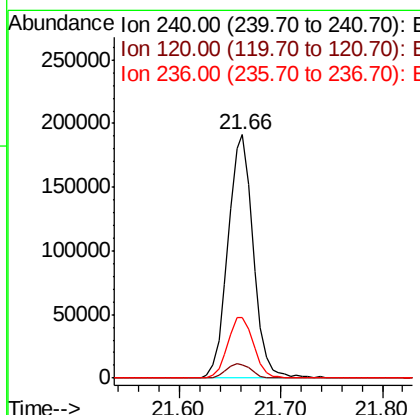
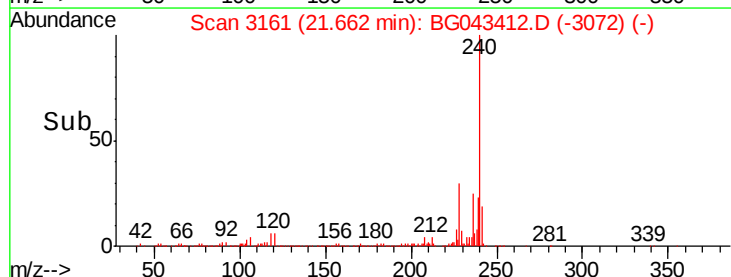
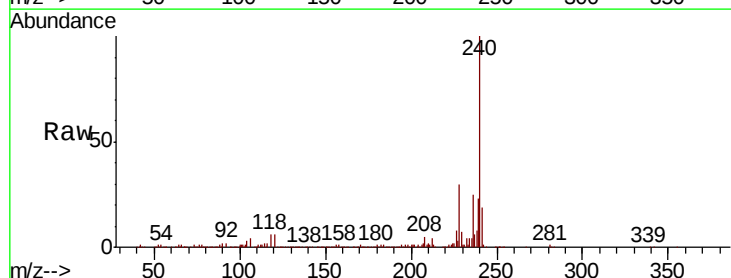
RT: 21.66 min Scan# 3161

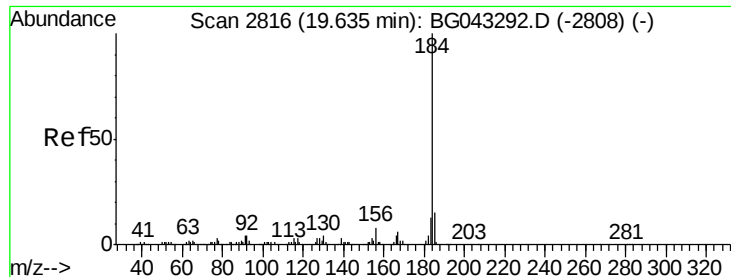
Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Tgt Ion:	240	Resp:	329984
Ion Ratio	Lower	Upper	
240	100		
120	5.7	4.6	7.0
236	25.1	20.2	30.4





#77

Benzidine

Concen: 39.097 ng

RT: 19.63 min Scan# 2815

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

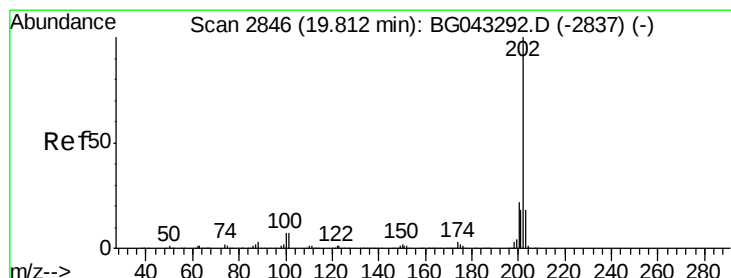
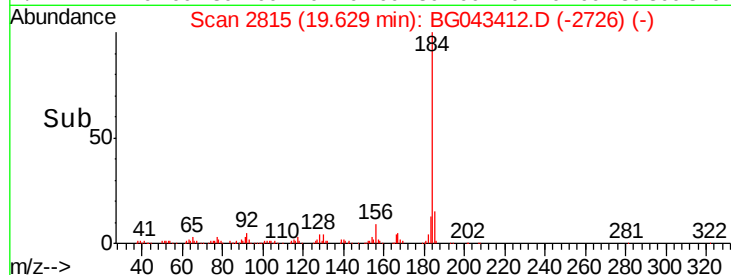
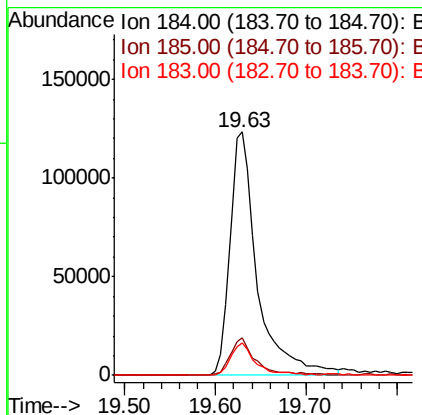
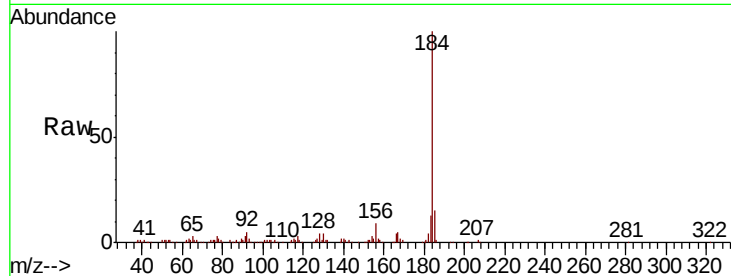
ClientSampleId :

Z3-20AMS

Tot Ion:	184	Resp:	259644
Ion Ratio	Lower	Upper	
184	100		
185	15.3	11.8	17.6
183	13.3	10.6	16.0

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#78

Pyrene

Concen: 32.020 ng

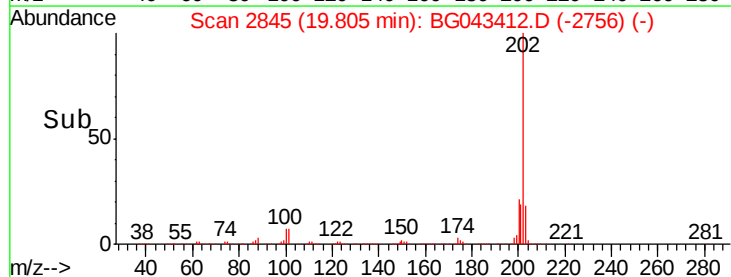
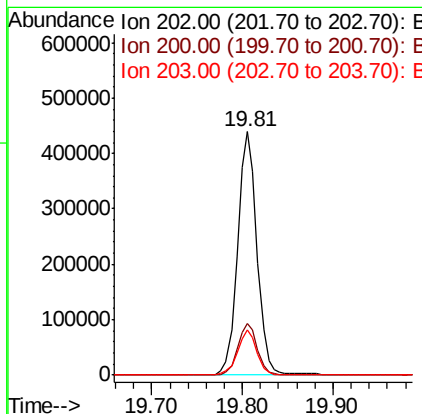
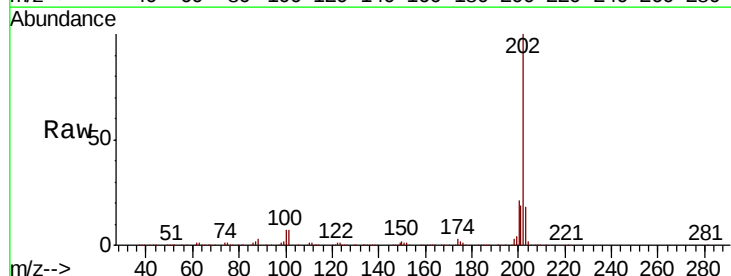
RT: 19.81 min Scan# 2845

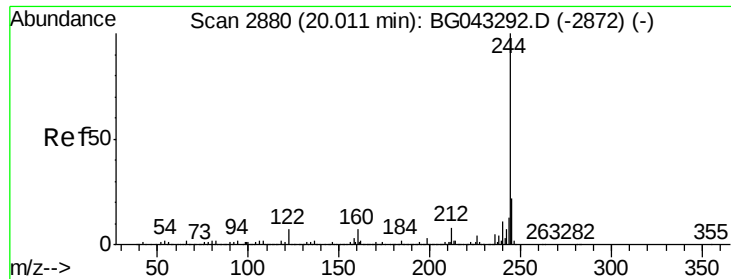
Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Tgt Ion:	202	Resp:	654033
Ion Ratio	Lower	Upper	
202	100		
200	21.1	17.3	25.9
203	18.5	14.5	21.7





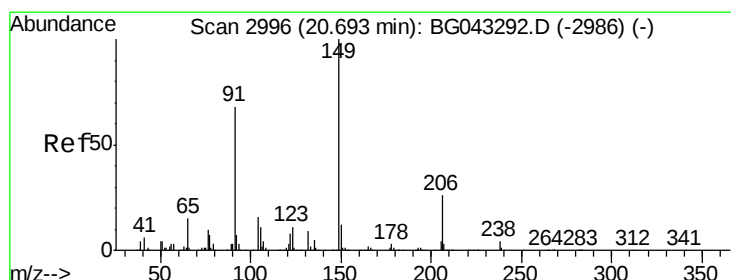
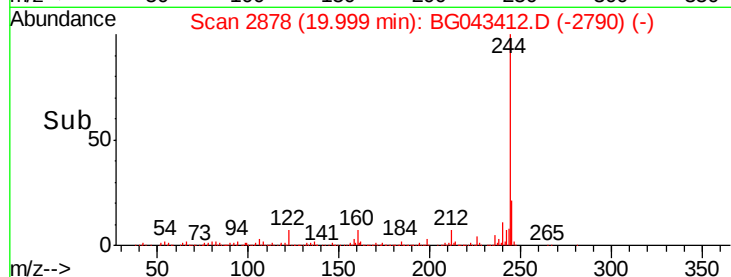
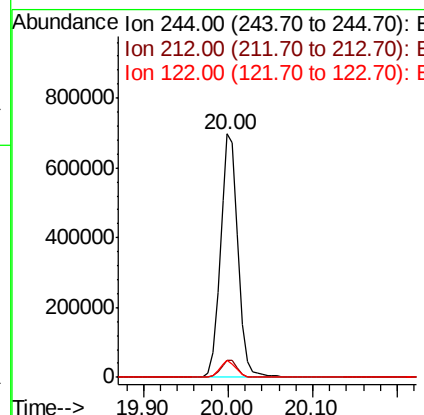
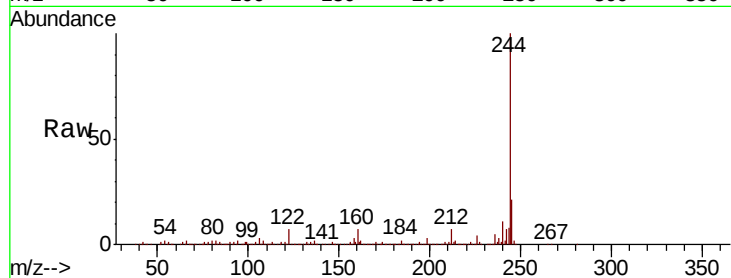
#79
 Terphenyl-d14
 Concen: 57.722 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Instrument :
 BNA_G
 ClientSampleId :
 Z3-20AMS

Tot Ion	Ratio	Lower	Upper
244	100		
212	7.1	6.4	9.6
122	6.8	5.3	7.9

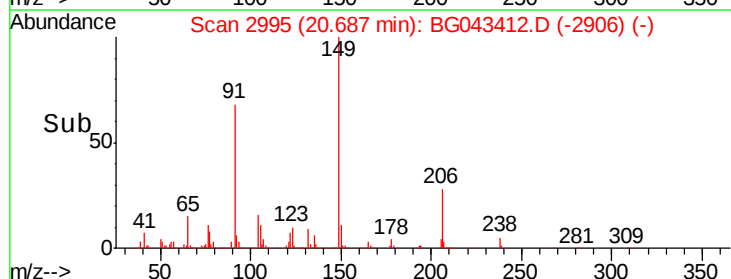
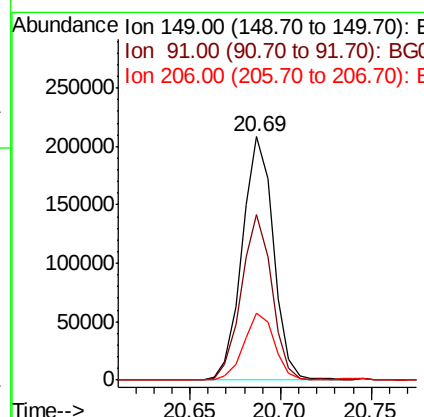
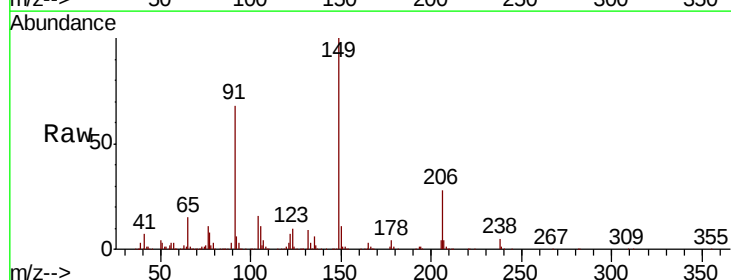
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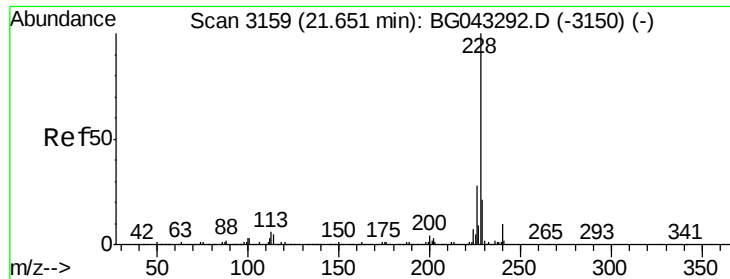
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#80
 Butylbenzylphthalate
 Concen: 32.247 ng
 RT: 20.69 min Scan# 2995
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
149	100		
91	68.2	54.6	82.0
206	27.7	20.5	30.7





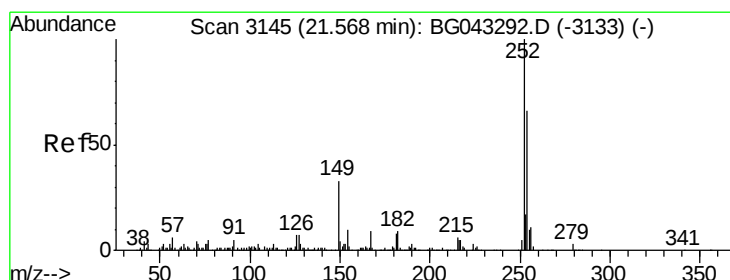
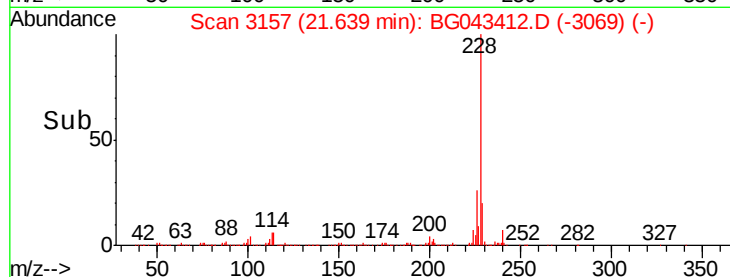
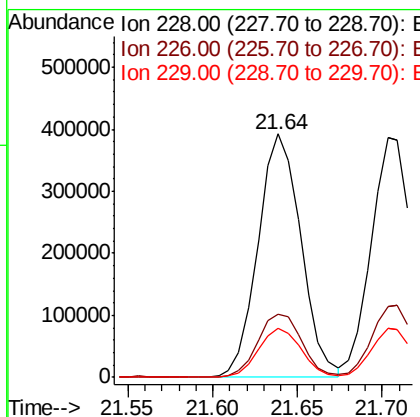
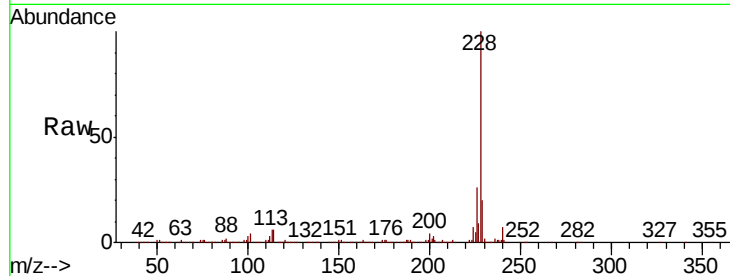
#81
Benzo(a)anthracene
Concen: 33.368 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	26.1	22.2	33.4
229	20.3	16.9	25.3

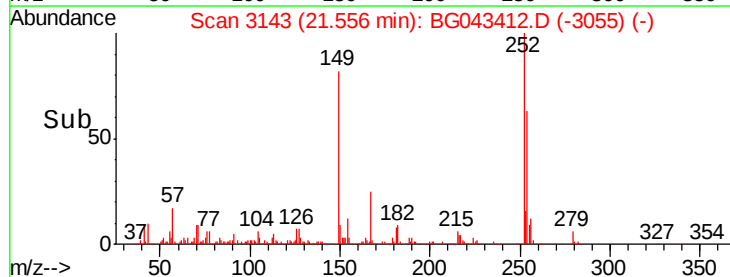
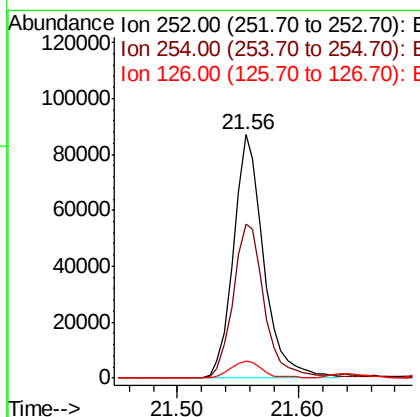
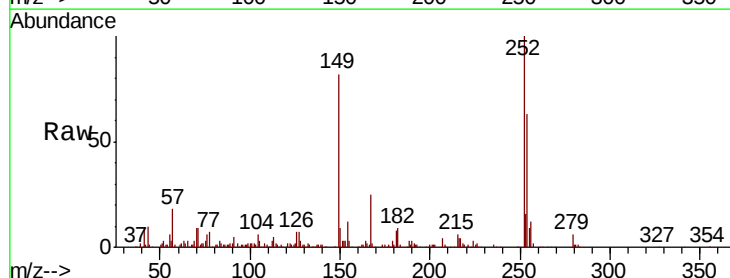
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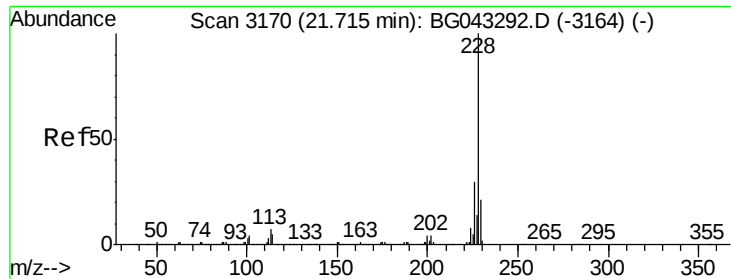
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#82
3,3'-Dichlorobenzidine
Concen: 18.953 ng
RT: 21.56 min Scan# 3143
Delta R.T. -0.01 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
252	100		
254	63.5	52.7	79.1
126	7.1	5.6	8.4





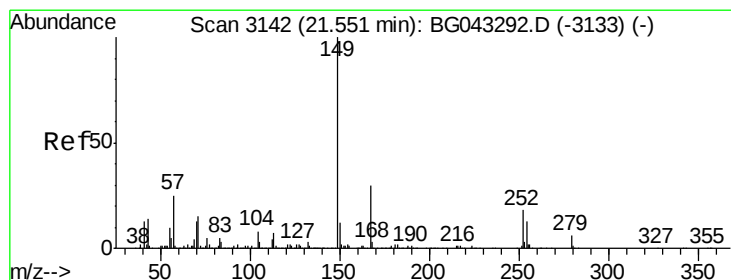
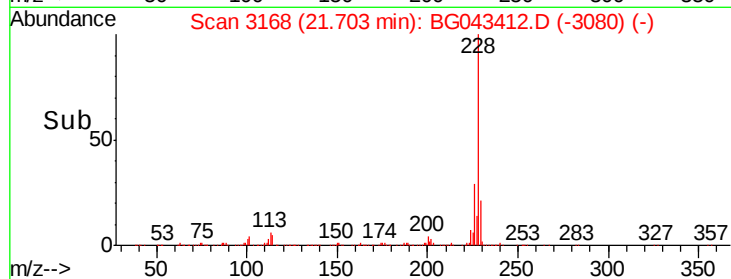
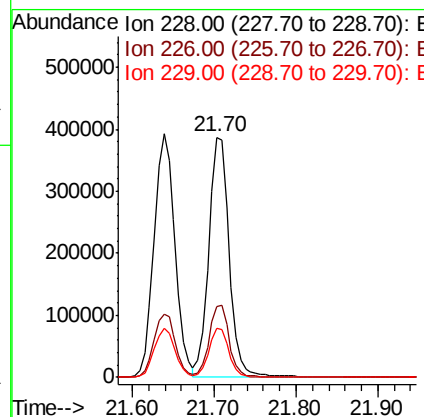
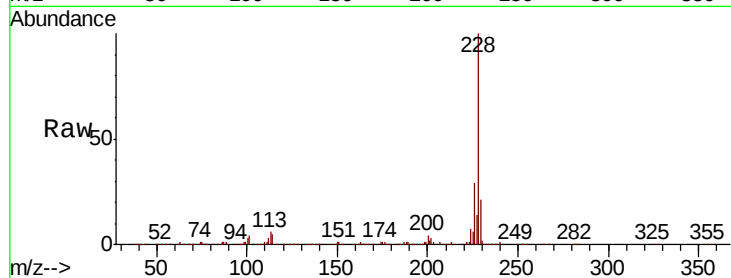
#83
 Chrvsene
 Concen: 32.594 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Instrument :
 BNA_G
 ClientSampleId :
 Z3-20AMS

Tot Ion	Ratio	Lower	Upper
228	100		
226	29.3	23.8	35.8
229	20.6	16.3	24.5

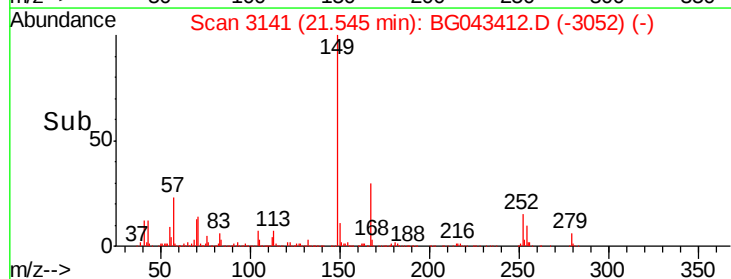
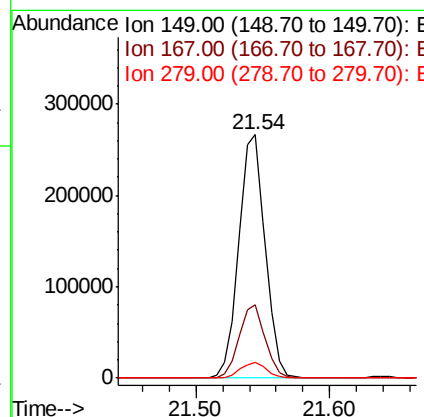
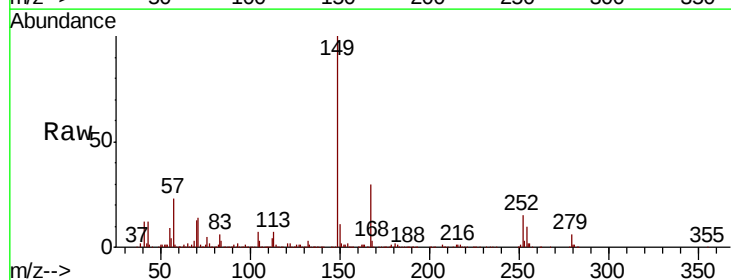
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 33.173 ng
 RT: 21.54 min Scan# 3141
 Delta R.T. -0.01 min
 Lab File: BG043412.D
 Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.2	23.9	35.9
279	6.2	4.8	7.2





#85

Di-n-octyl phthalate

Concen: 33.711 ng

RT: 22.74 min Scan# 3345

Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

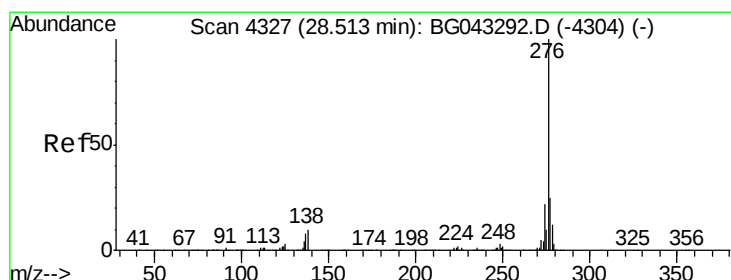
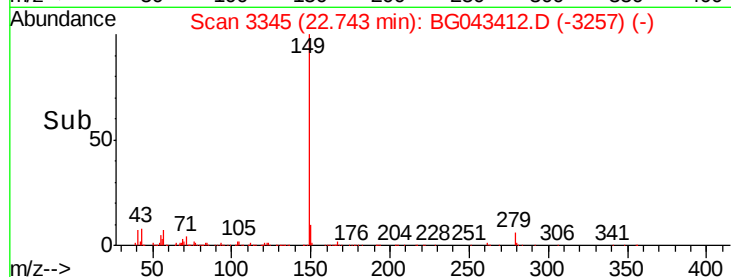
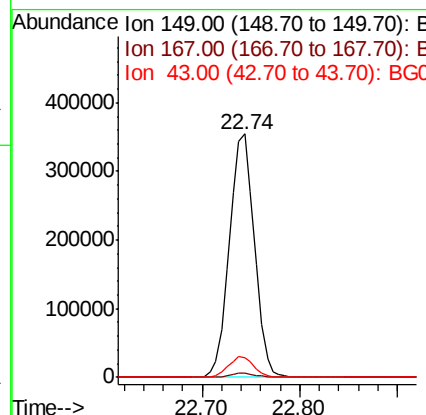
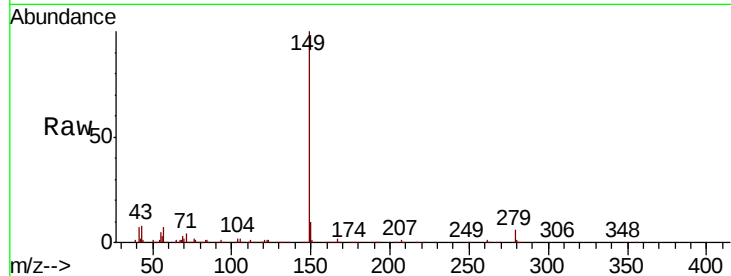
ClientSampleId :

Z3-20AMS

Tot Ion:	149	Resp:	628705
Ion Ratio	Lower	Upper	
149	100		
167	1.7	1.4	2.0
43	8.4	6.9	10.3

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#86

Indeno(1,2,3-cd)pyrene

Concen: 34.091 ng

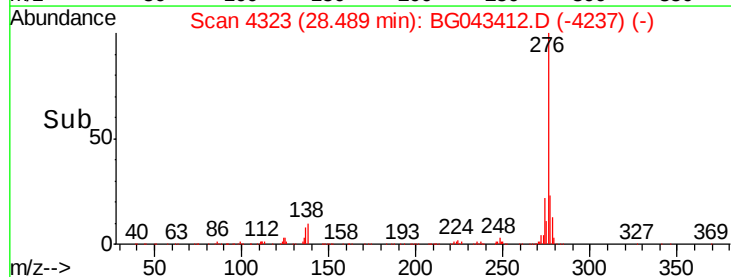
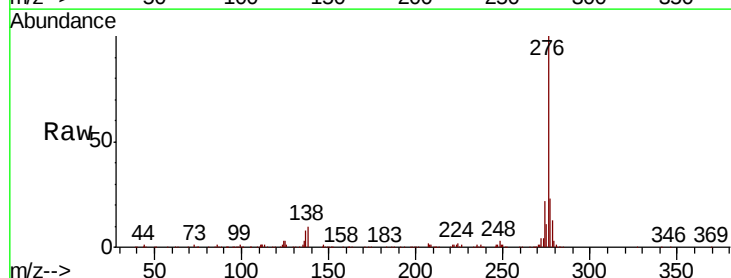
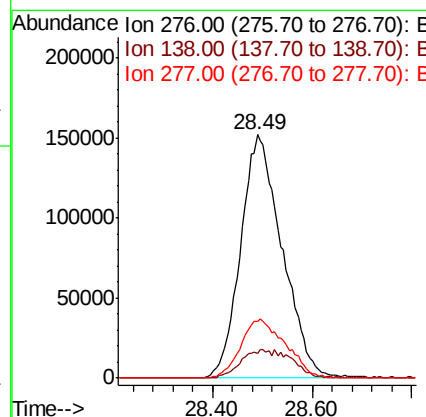
RT: 28.49 min Scan# 4323

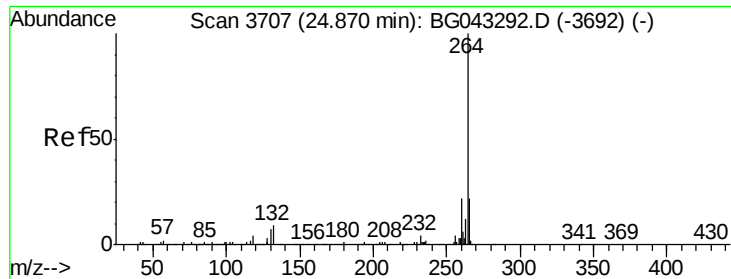
Delta R.T. -0.02 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Tgt Ion:	276	Resp:	878840
Ion Ratio	Lower	Upper	
276	100		
138	8.3	7.2	10.8
277	26.1	20.9	31.3





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.02 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

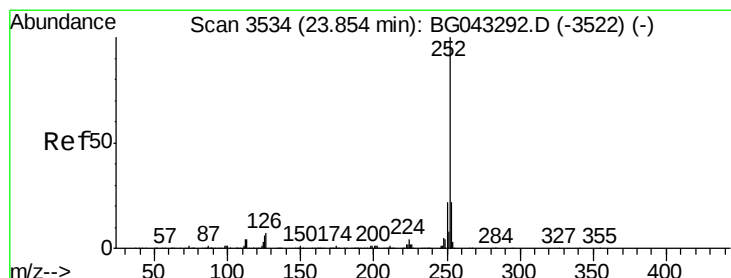
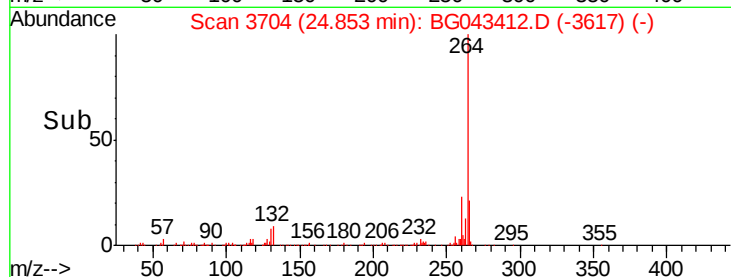
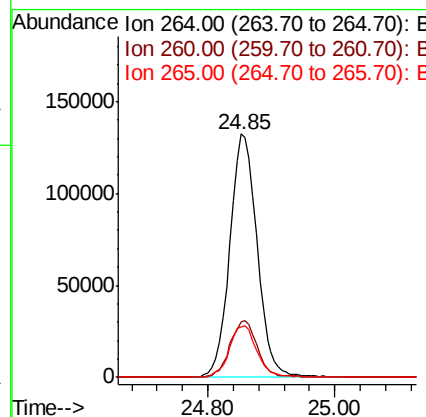
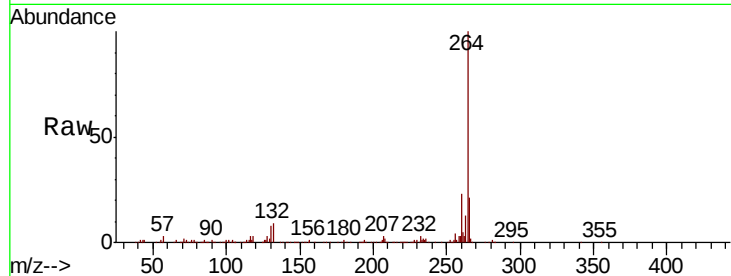
ClientSampleId :

Z3-20AMS

Tot Ion:	264	Resp:	395306
Ion Ratio	Lower	Upper	
264	100		
260	22.9	17.9	26.9
265	20.8	17.4	26.2

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#88

Benzo(b)fluoranthene

Concen: 31.803 ng

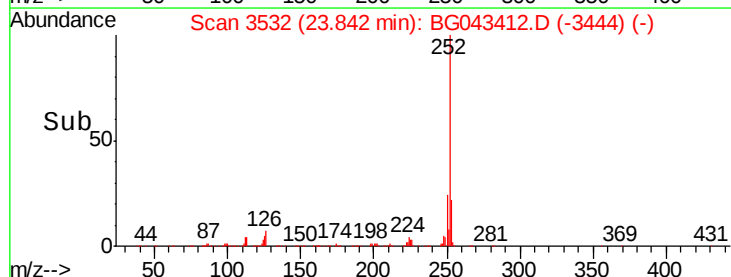
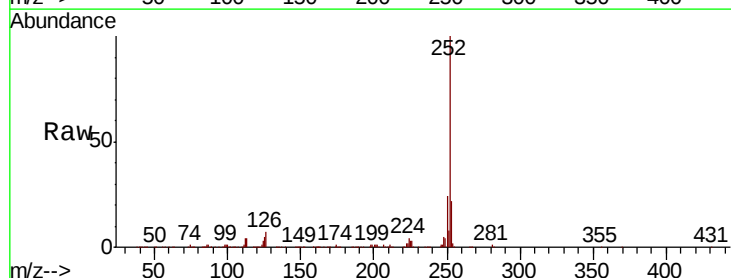
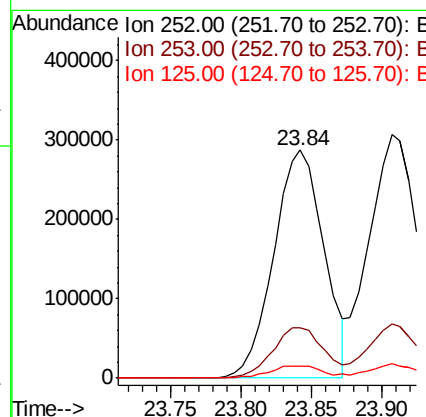
RT: 23.84 min Scan# 3532

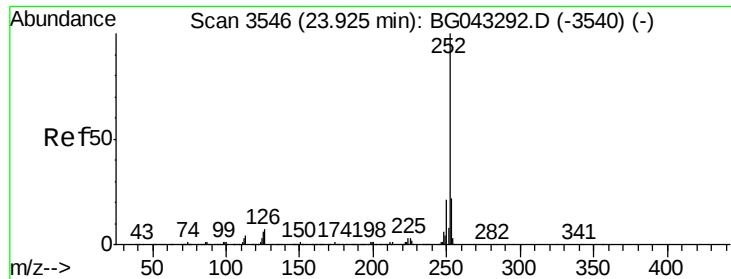
Delta R.T. -0.01 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Tgt Ion:	252	Resp:	712041
Ion Ratio	Lower	Upper	
252	100		
253	22.3	17.4	26.2
125	5.3	5.0	7.6





#89

Benzo(k)fluoranthene

Concen: 33.270 ng

RT: 23.91 min Scan# 3543

Delta R.T. -0.02 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

Instrument :

BNA_G

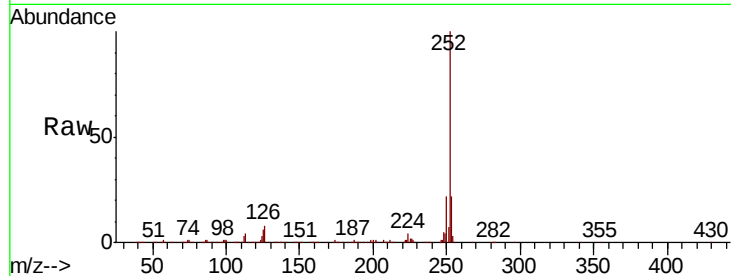
ClientSampleId :

Z3-20AMS

Tot Ion:	252	Resp:	749877
Ion Ratio	Lower	Upper	
252	100		
253	22.4	17.6	26.4
125	6.1	4.5	6.7

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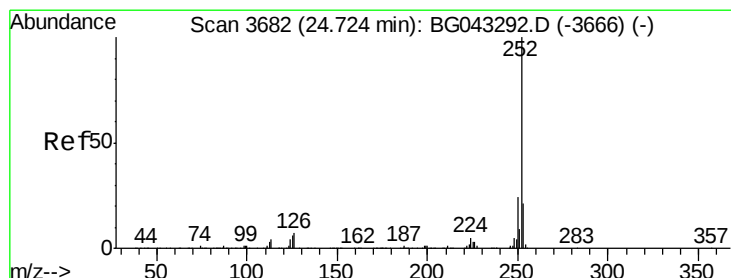
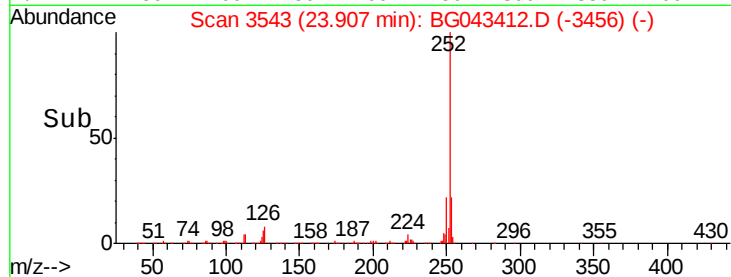
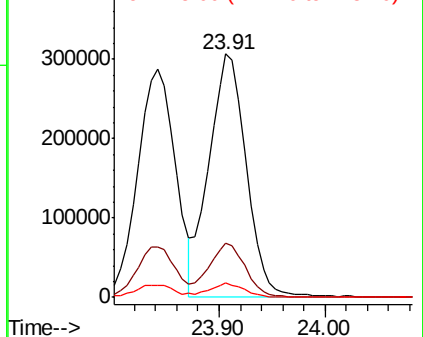


Abundance

Ion 252.00 (251.70 to 252.70): E

Ion 253.00 (252.70 to 253.70): E

Ion 125.00 (124.70 to 125.70): E



#90

Benzo(a)pyrene

Concen: 31.919 ng

RT: 24.71 min Scan# 3679

Delta R.T. -0.02 min

Lab File: BG043412.D

Acq: 30 Oct 2019 22:29

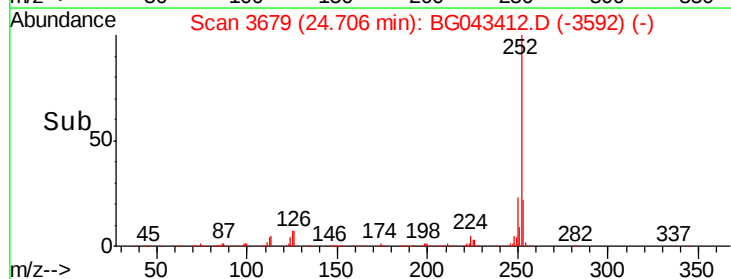
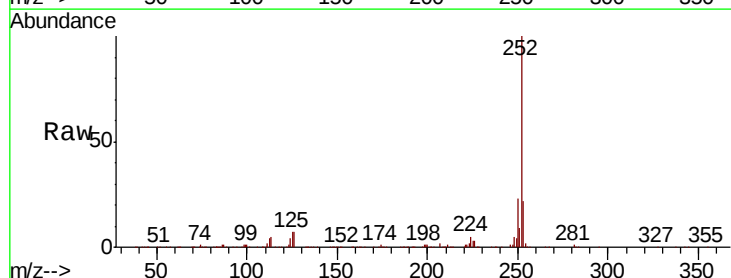
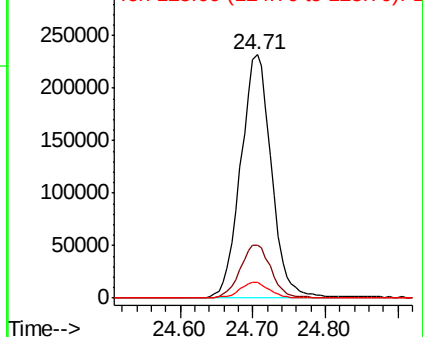
Tgt Ion:	252	Resp:	682421
Ion Ratio	Lower	Upper	
252	100		
253	22.0	17.2	25.8
125	6.6	5.0	7.6

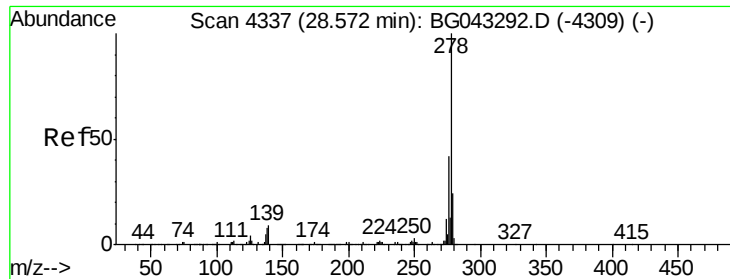
Abundance

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





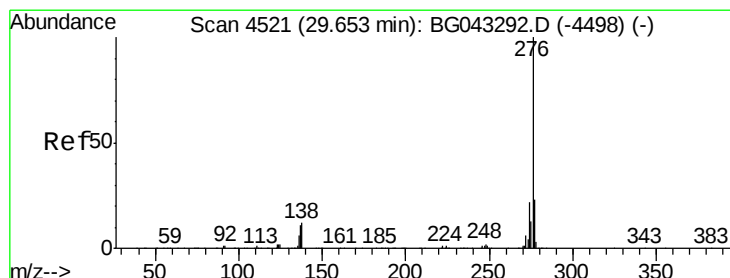
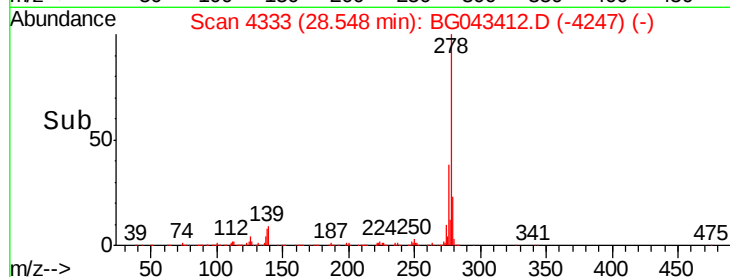
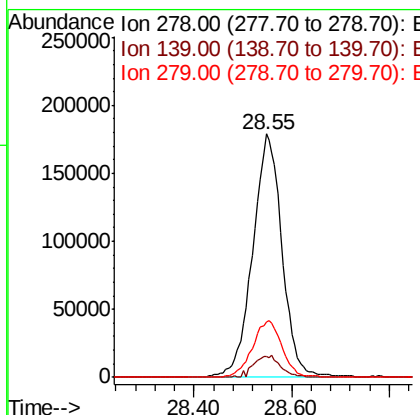
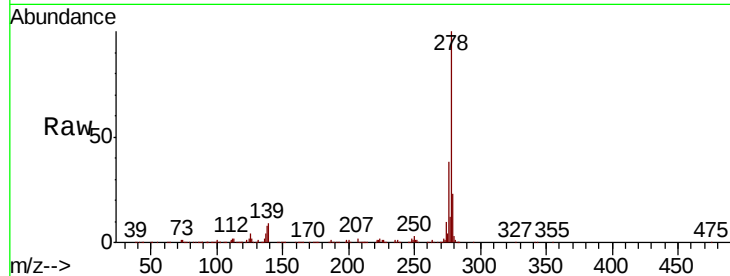
#91
Dibenzo(a,h)anthracene
Concen: 34.264 ng
RT: 28.55 min Scan# 4333
Delta R.T. -0.02 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Instrument :
BNA_G
ClientSampleId :
Z3-20AMS

Tot Ion	Ratio	Lower	Upper
278	100		
139	8.5	6.8	10.2
279	22.8	19.0	28.6

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#92
Benzo(g,h,i)perylene
Concen: 34.163 ng
RT: 29.63 min Scan# 4517
Delta R.T. -0.02 min
Lab File: BG043412.D
Acq: 30 Oct 2019 22:29

Tgt Ion	Ratio	Lower	Upper
276	100		
277	22.5	18.3	27.5
138	13.3	9.3	13.9

