

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG110619\
 Data File : BG043527.D
 Acq On : 6 Nov 2019 19:31
 Operator : JU
 Sample : PB124575BSD
 Misc :
 ALS Vial : 9 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 PB124575BSD

Manual Integrations
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Sohil
 11/8/2019 3:29:54 PM

Quant Time: Nov 07 01:20:49 2019
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG102119.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Mon Nov 04 15:22:15 2019
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.01	152	26569	20.00	ng	0.00
21) Naphthalene-d8	10.81	136	103393	20.00	ng	0.00
39) Acenaphthene-d10	14.64	164	73514	20.00	ng	0.00
64) Phenanthrene-d10	17.39	188	173095	20.00	ng	0.00
76) Chrysene-d12	21.65	240	195023	20.00	ng	0.00
87) Perylene-d12	24.85	264	225403	20.00	ng	0.00

System Monitoring Compounds

5) 2-Fluorophenol	5.60	112	186551	128.66	ng	0.00
7) Phenol-d6	7.19	99	254088	121.80	ng	0.00
23) Nitrobenzene-d5	9.17	82	127477	63.56	ng	0.00
42) 2,4,6-Tribromophenol	16.13	330	158448	113.26	ng	0.00
45) 2-Fluorobiphenyl	13.26	172	349666	65.72	ng	0.00
79) Terphenyl-d14	20.00	244	691545	66.52	ng	0.00

Target Compounds

						Qvalue
2) 1,4-Dioxane	3.47	88	23462	41.524	ng	98
3) Pyridine	3.87	79	56941	39.950	ng	95
4) n-Nitrosodimethylamine	3.79	42	31688	44.059	ng	# 95
6) Aniline	7.34	93	71974	29.950	ng	98
8) 2-Chlorophenol	7.58	128	76554	47.830	ng	96
9) Benzaldehyde	7.15	77	41287	40.272	ng	88
10) Phenol	7.22	94	92505	48.527	ng	97
11) bis(2-Chloroethyl)ether	7.42	93	62884	42.668	ng	97
12) 1,3-Dichlorobenzene	7.90	146	85700	42.736	ng	97
13) 1,4-Dichlorobenzene	8.05	146	86199	42.485	ng	98
14) 1,2-Dichlorobenzene	8.36	146	83609	42.205	ng	97
15) Benzyl Alcohol	8.25	79	65242	44.532	ng	97
16) 2,2'-oxybis(1-Chloropropan	8.53	45	83695	39.055	ng	97
17) 2-Methylphenol	8.47	107	62224	44.776	ng	97
18) Hexachloroethane	9.09	117	31343	42.818	ng	97
19) n-Nitroso-di-n-propylamine	8.81	70	54634	40.530	ng	94
20) 3+4-Methylphenols	8.80	107	83758	43.954	ng	98
22) Acetophenone	8.83	105	109964	41.530	ng	# 97
24) Nitrobenzene	9.22	77	84949	44.465	ng	# 98
25) Isophorone	9.73	82	153397	41.836	ng	98
26) 2-Nitrophenol	9.93	139	43427	47.083	ng	96
27) 2,4-Dimethylphenol	10.00	122	70627	53.426	ng	97
28) bis(2-Chloroethoxy)methane	10.21	93	86086	42.540	ng	99
29) 2,4-Dichlorophenol	10.48	162	77161	45.555	ng	97
30) 1,2,4-Trichlorobenzene	10.68	180	90582	42.431	ng	96
31) Naphthalene	10.87	128	235686	44.908	ng	99
32) Benzoic acid	10.16	122	29300	32.604	ng	93
33) 4-Chloroaniline	10.99	127	54208	25.198	ng	98
34) Hexachlorobutadiene	11.15	225	64632	40.956	ng	96
35) Caprolactam	11.75	113	25840	44.296	ng	# 89
36) 4-Chloro-3-methylphenol	12.11	107	84716	45.852	ng	99
37) 2-Methylnaphthalene	12.47	142	179195	44.500	ng	97
38) 1-Methylnaphthalene	12.69	142	169303	44.188	ng	97
40) 1,2,4,5-Tetrachlorobenzene	12.83	216	111327	40.919	ng	99

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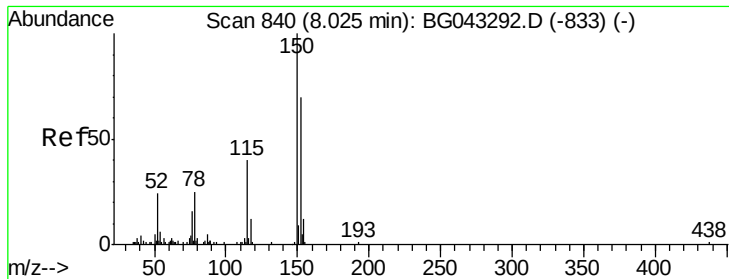
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 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Hexachlorocyclopentadiene	12.82	237	119969	83.943	nq	99
43) 2,4,6-Trichlorophenol	13.08	196	72040	44.963	nq	98
44) 2,4,5-Trichlorophenol	13.16	196	74211	45.815	nq	97
46) 1,1'-Biphenyl	13.48	154	237110	42.398	nq	98
47) 2-Chloronaphthalene	13.52	162	181883	42.744	nq	98
48) 2-Nitroaniline	13.73	65	55478	43.622	nq	96
49) Acenaphthylene	14.36	152	298847	45.125	nq	100
50) Dimethylphthalate	14.09	163	243000	42.675	nq	99
51) 2,6-Dinitrotoluene	14.22	165	55806	45.112	nq	94
52) Acenaphthene	14.70	154	178601	44.223	nq	99
53) 3-Nitroaniline	14.56	138	35944	30.095	nq	96
54) 2,4-Dinitrophenol	14.76	184	57601	75.061	nq	96
55) Dibenzofuran	15.04	168	287729	43.932	nq	96
56) 4-Nitrophenol	14.89	139	70501	88.086	nq	92
57) 2,4-Dinitrotoluene	15.00	165	79707	45.086	nq	# 97
58) Fluorene	15.69	166	242625	44.169	nq	100
59) 2,3,4,6-Tetrachlorophenol	15.27	232	76522m	44.464	nq	
60) Diethylphthalate	15.46	149	241239	42.164	nq	99
61) 4-Chlorophenyl-phenylether	15.68	204	136636	42.638	nq	97
62) 4-Nitroaniline	15.72	138	52766	42.779	nq	95
63) Azobenzene	15.97	77	204564	44.178	nq	99
65) 4,6-Dinitro-2-methylphenol	15.77	198	48700	47.808	nq	93
66) n-Nitrosodiphenylamine	15.90	169	219205	44.855	nq	97
67) 4-Bromophenyl-phenylether	16.57	248	96423	41.393	nq	95
68) Hexachlorobenzene	16.70	284	110123	41.184	nq	95
69) Atrazine	16.84	200	93645	55.147	nq	96
70) Pentachlorophenol	17.05	266	108131	88.747	nq	98
71) Phenanthrene	17.43	178	392361	44.266	nq	99
72) Anthracene	17.52	178	404524	45.614	nq	99
73) Carbazole	17.79	167	363280	45.235	nq	99
74) Di-n-butylphthalate	18.34	149	439013	45.053	nq	99
75) Fluoranthene	19.44	202	516728	44.717	nq	99
77) Benzidine	19.62	184	156132	39.780	nq	98
78) Pyrene	19.80	202	531455	44.025	nq	99
80) Butylbenzylphthalate	20.68	149	198493	43.401	nq	98
81) Benzo(a)anthracene	21.64	228	539922	44.198	nq	99
82) 3,3'-Dichlorobenzidine	21.55	252	157144	33.258	nq	# 99
83) Chrysene	21.70	228	519821	42.827	nq	100
84) Bis(2-ethylhexyl)phthalate	21.54	149	286255	44.062	nq	99
85) Di-n-octyl phthalate	22.74	149	496452	45.041	nq	99
86) Indeno(1,2,3-cd)pyrene	28.50	276	681642	44.740	nq	99
88) Benzo(b)fluoranthene	23.84	252	554315	43.421	nq	100
89) Benzo(k)fluoranthene	23.90	252	572900	44.578	nq	98
90) Benzo(a)pyrene	24.70	252	524749	43.045	nq	99
91) Dibenzo(a,h)anthracene	28.55	278	578345	46.381	nq	98
92) Benzo(g,h,i)perylene	29.63	276	570522	46.385	nq	98

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



#1

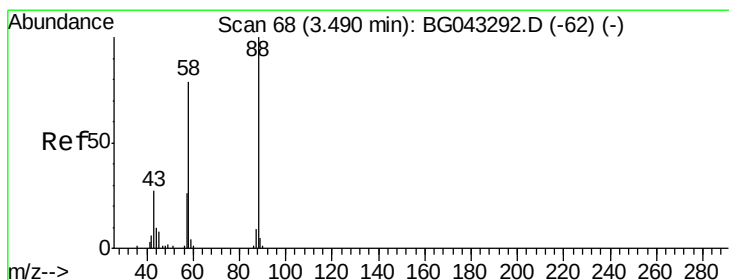
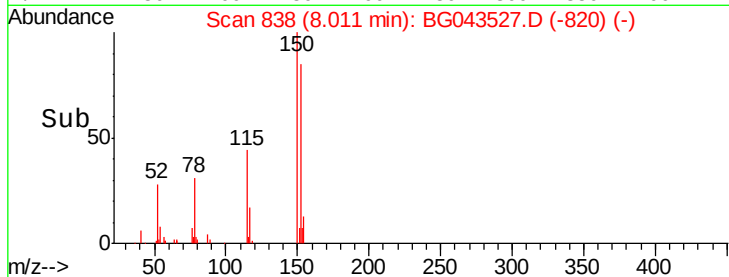
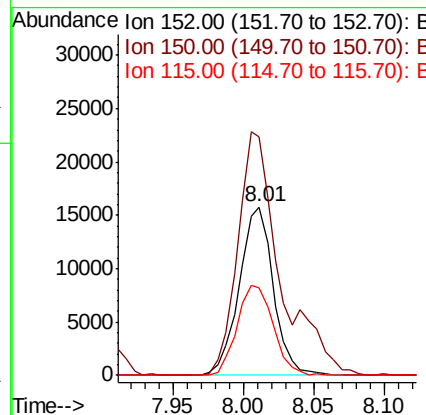
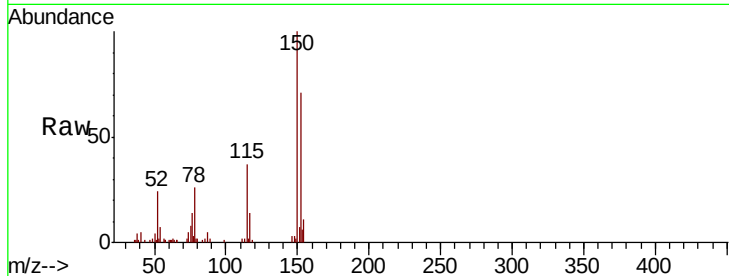
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.01 min Scan# 838
Delta R.T. 0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :
PB124575BSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	141.5	129.4	194.0
115	51.9	48.8	73.2

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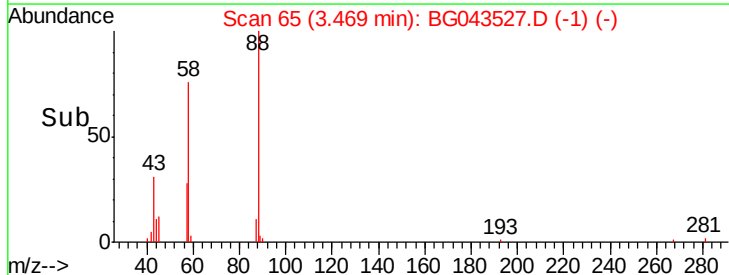
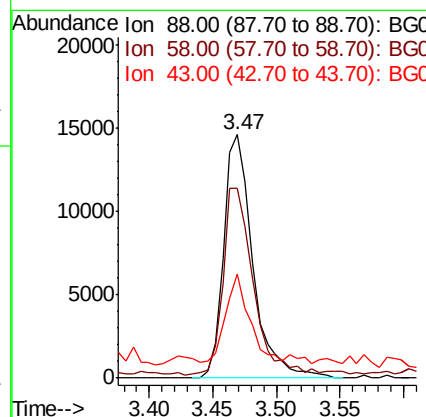
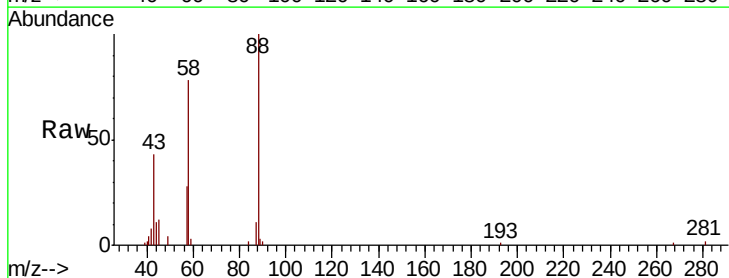
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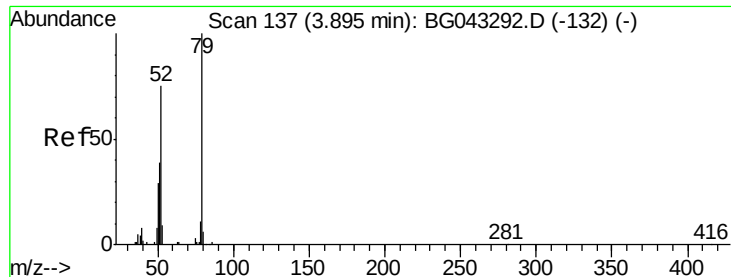


#2

1,4-Dioxane
Concen: 41.524 ng
RT: 3.47 min Scan# 65
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
88	100		
58	80.8	62.7	94.1
43	29.4	23.7	35.5





#3

Pvridine

Concen: 39.950 ng

RT: 3.87 min Scan# 133

Delta R.T. -0.01 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

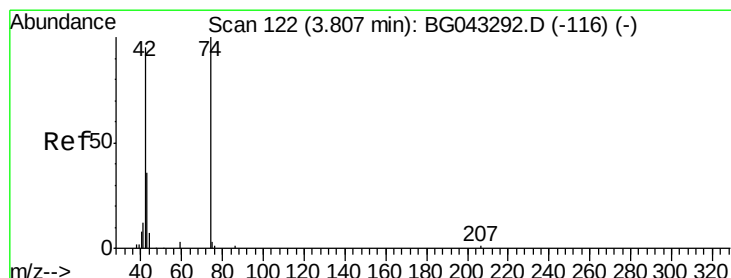
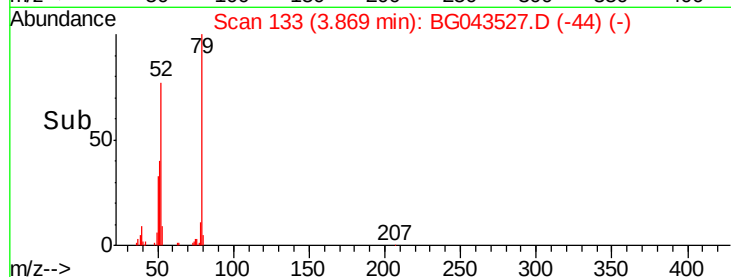
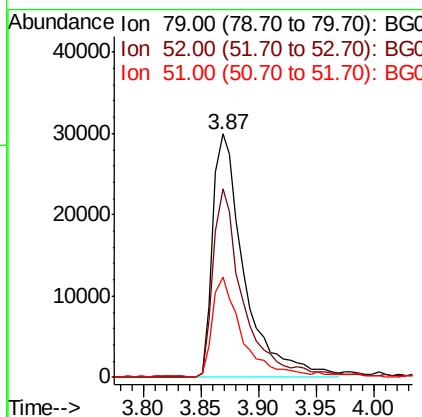
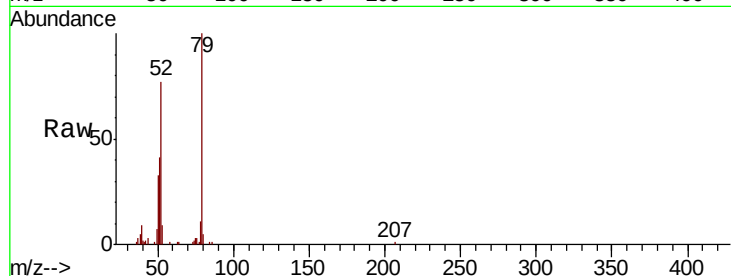
ClientSampleId :

PB124575BSD

Tot Ion:	79	Resp:	56941
Ion Ratio	Lower	Upper	
79	100		
52	77.2	56.5	84.7
51	41.0	33.2	49.8

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#4

n-Nitrosodimethylamine

Concen: 44.059 ng

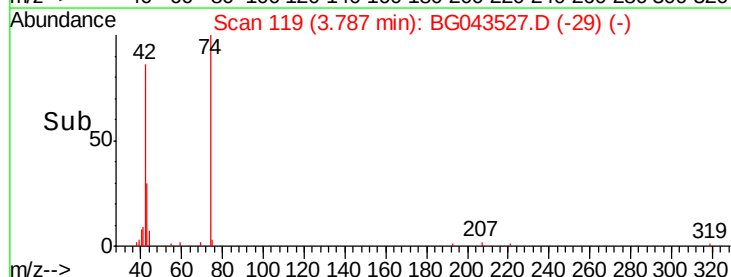
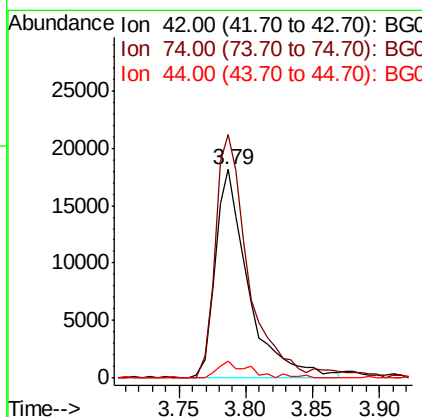
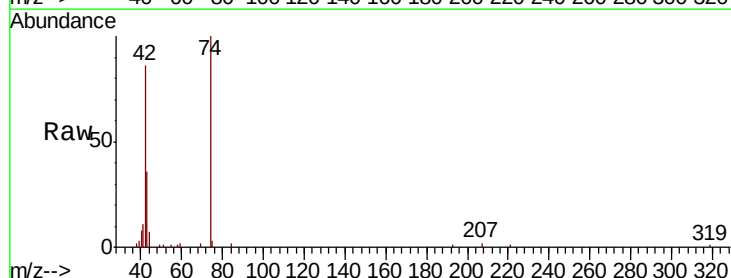
RT: 3.79 min Scan# 119

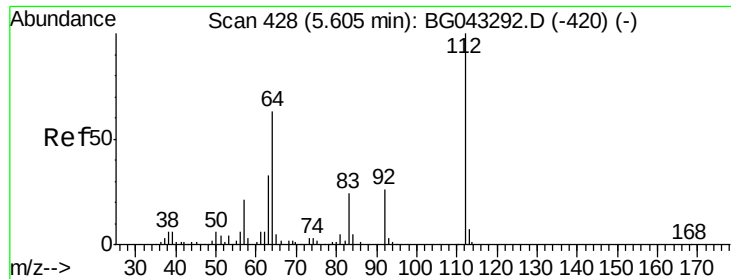
Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Tgt Ion:	42	Resp:	31688
Ion Ratio	Lower	Upper	
42	100		
74	116.6	97.3	145.9
44	8.2	4.4	6.6#





#5

2-Fluorophenol

Concen: 128.663 ng

RT: 5.60 min Scan# 427

Delta R.T. 0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

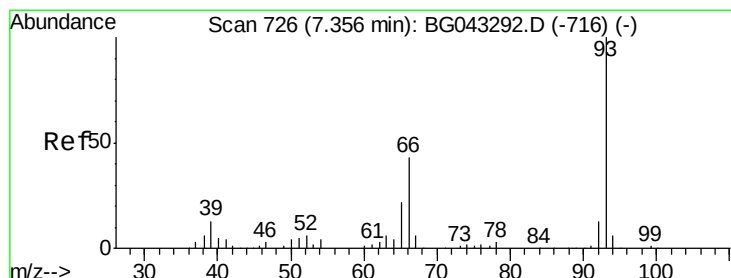
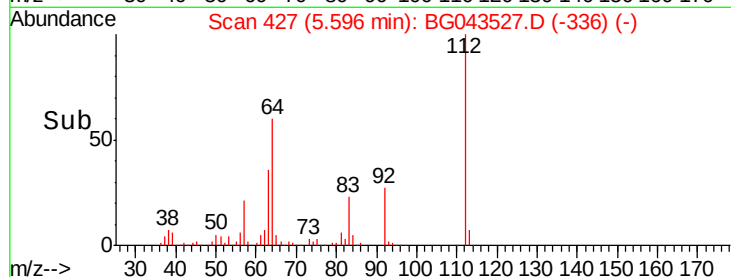
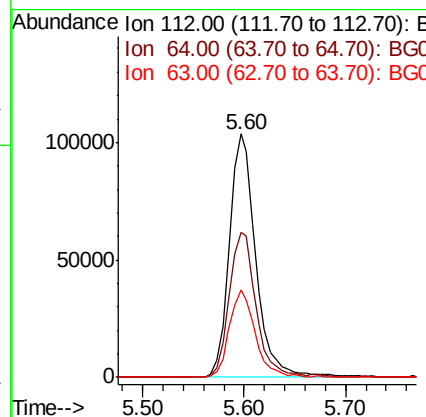
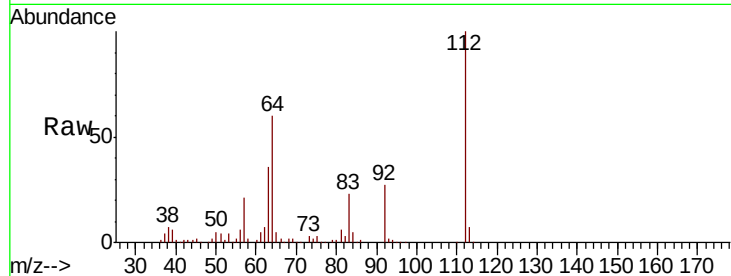
ClientSampled :

PB124575BSD

Tot Ion:	112	Resp:	186551
Ion Ratio	Lower	Upper	
112	100		
64	59.7	50.0	75.0
63	35.8	26.6	40.0

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#6

Aniline

Concen: 29.950 ng

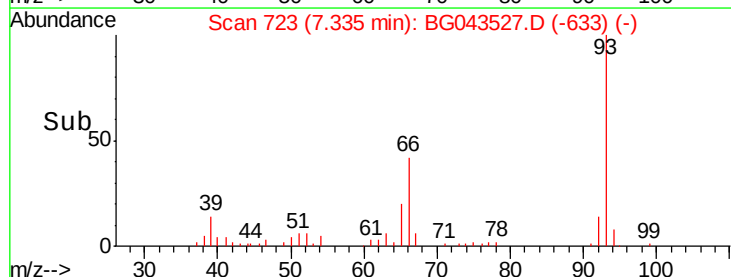
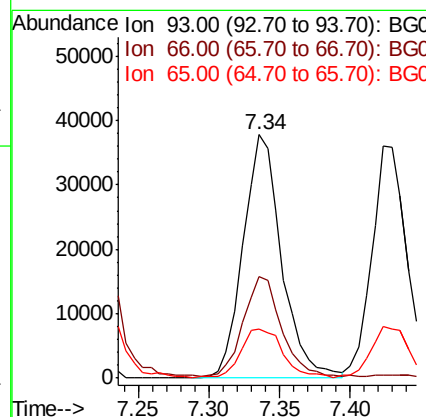
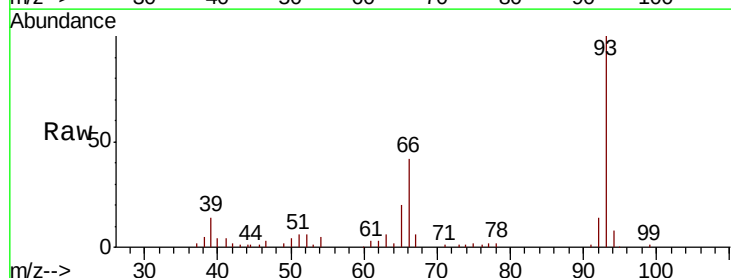
RT: 7.34 min Scan# 723

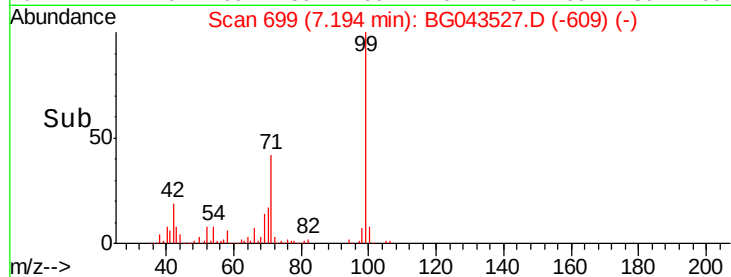
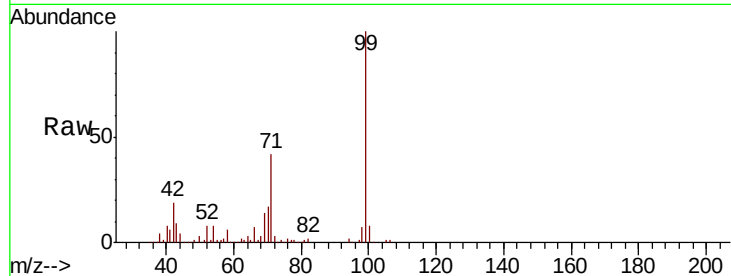
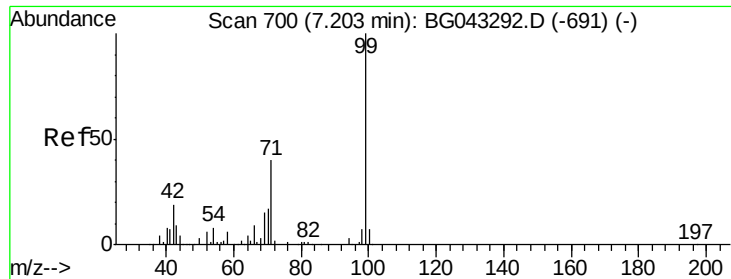
Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Tgt Ion:	93	Resp:	71974
Ion Ratio	Lower	Upper	
93	100		
66	41.9	32.3	48.5
65	20.2	16.1	24.1





#7

Phenol-d6

Concen: 121.801 ng

RT: 7.19 min Scan# 699

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Tot Ion:	99	Resp:	254088
Ion Ratio	Lower	Upper	
99	100		
42	18.8	14.6	21.8
71	42.3	32.5	48.7

Instrument :

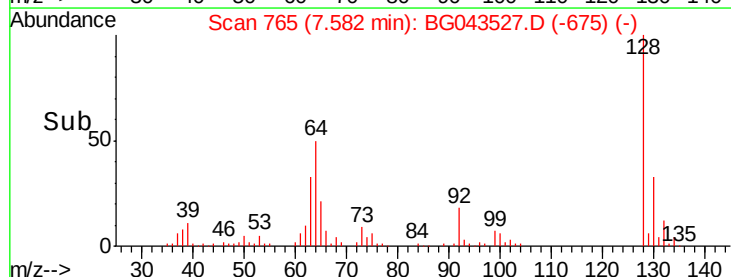
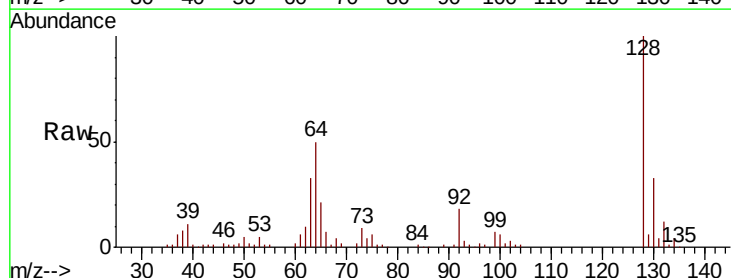
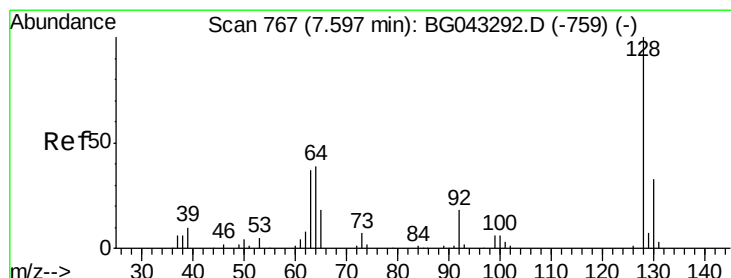
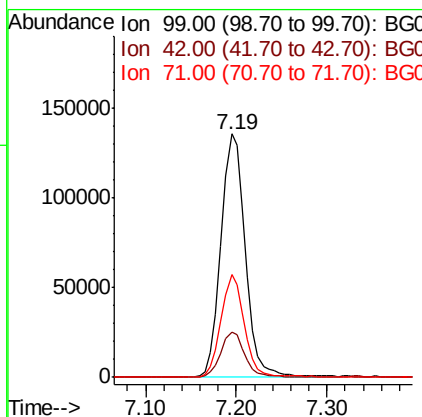
BNA_G

ClientSampleId :

PB124575BSD

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#8

2-Chlorophenol

Concen: 47.830 ng

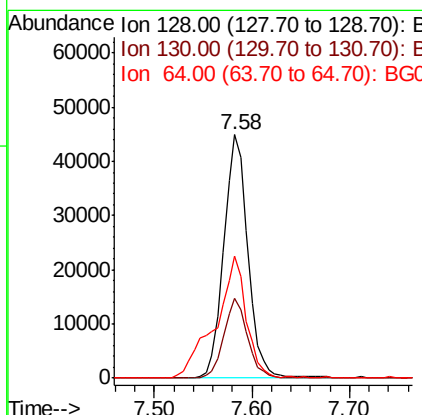
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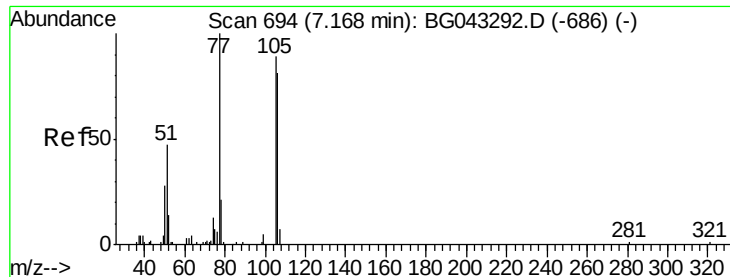
Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Tgt Ion:	128	Resp:	76554
Ion Ratio	Lower	Upper	
128	100		
130	32.8	12.5	52.5
64	49.9	25.3	65.3





#9

Benzaldehyde

Concen: 40.272 ng

RT: 7.15 min Scan# 691

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

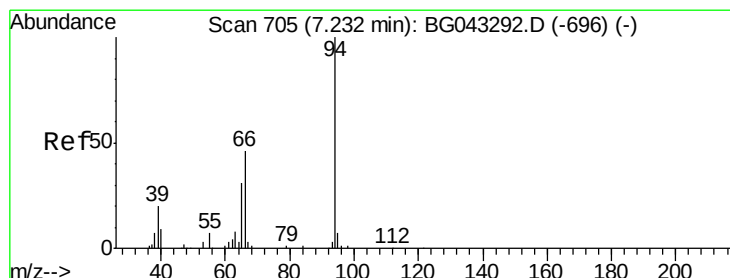
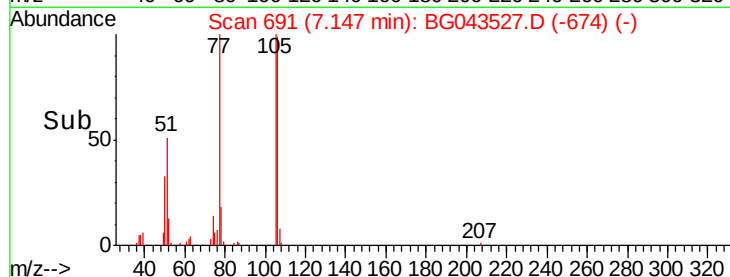
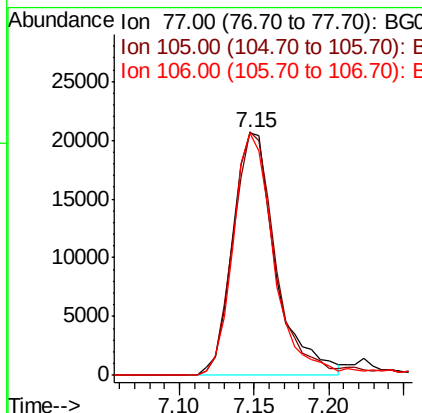
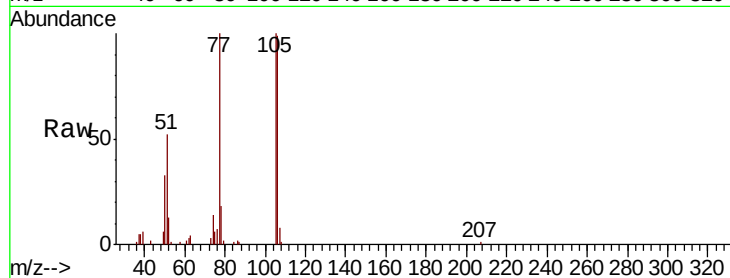
ClientSampleId :

PB124575BSD

Tot Ion:	77	Resp:	41287
Ion	Ratio	Lower	Upper
77	100		
105	100.3	68.6	108.6
106	99.8	69.9	109.9

Manual Integrations
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#10

Phenol

Concen: 48.527 ng

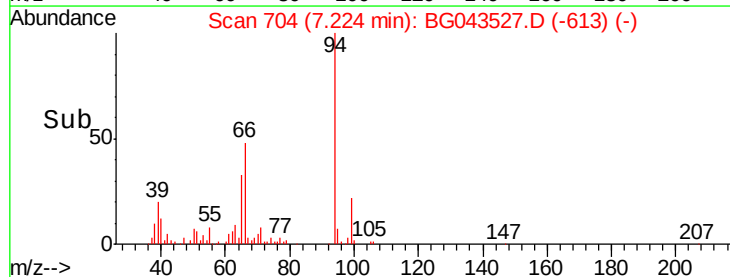
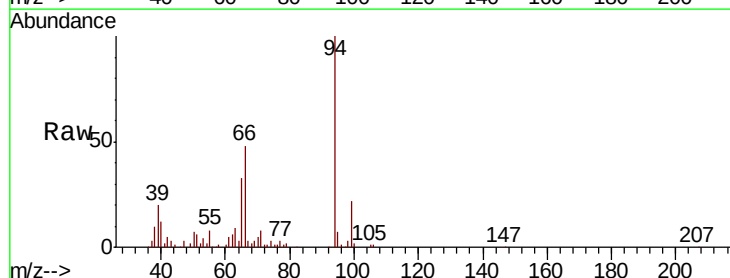
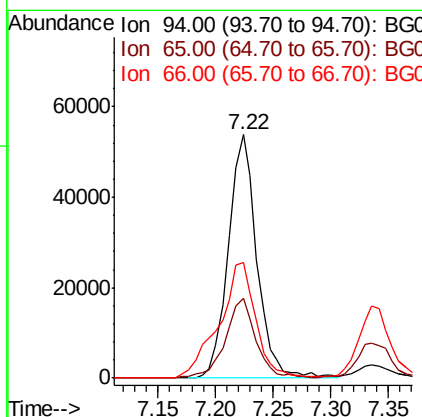
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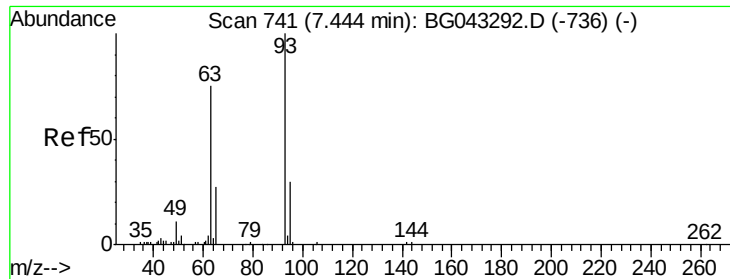
Delta R.T. 0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Tgt Ion:	94	Resp:	92505
Ion	Ratio	Lower	Upper
94	100		
65	32.7	12.6	52.6
66	47.6	30.7	70.7





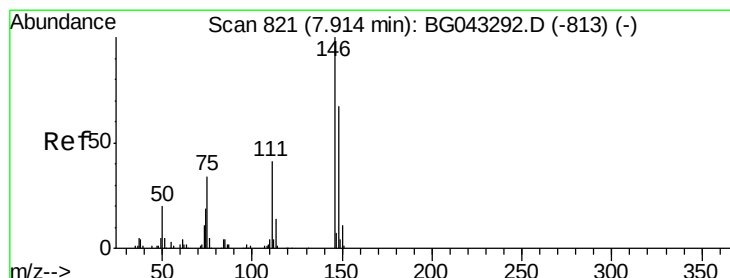
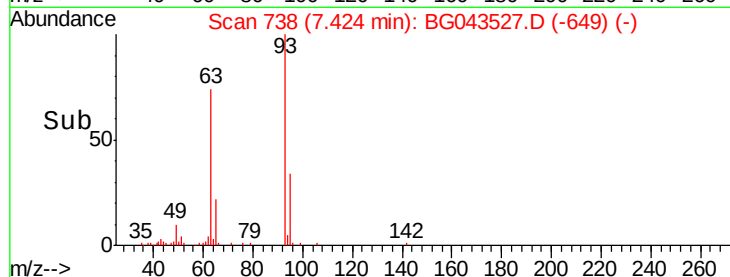
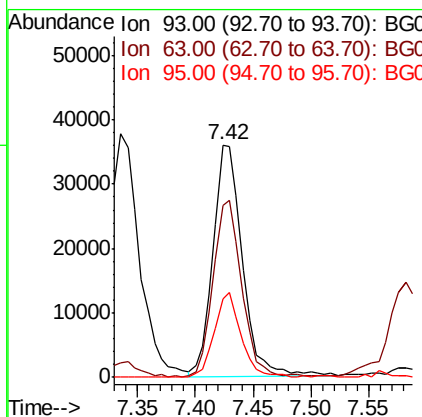
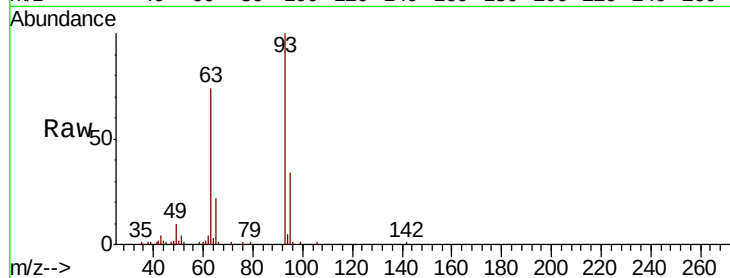
#11
bis(2-Chloroethyl)ether
Concen: 42.668 ng
RT: 7.42 min Scan# 738
Delta R.T. -0.01 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :
PB124575BSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	73.8	56.3	96.3
95	33.7	12.2	52.2

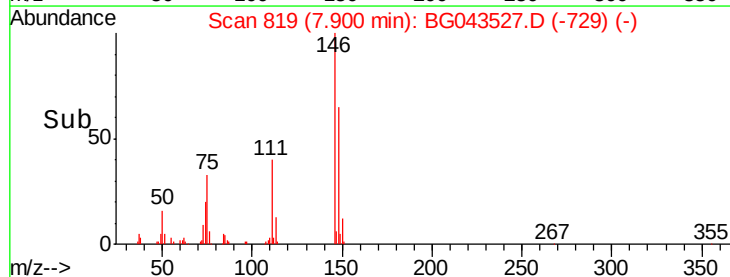
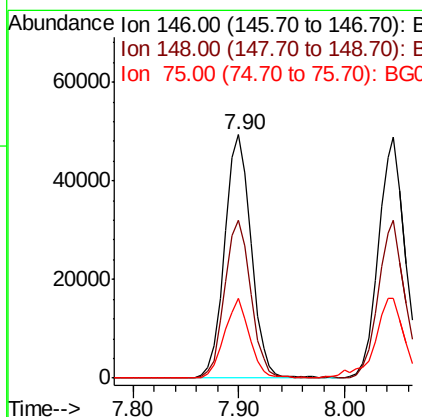
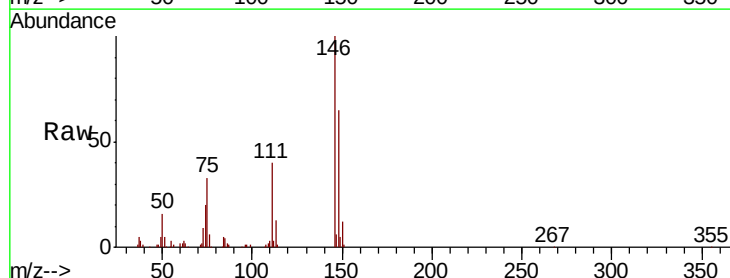
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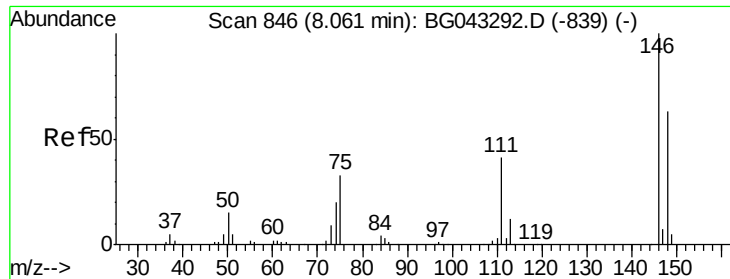
Sohil
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#12
1,3-Dichlorobenzene
Concen: 42.736 ng
RT: 7.90 min Scan# 819
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.0	50.3	75.5
75	32.6	24.6	37.0





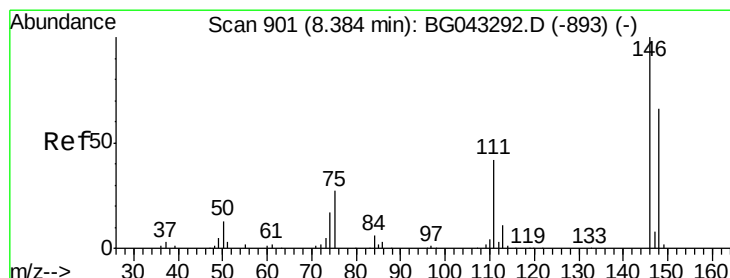
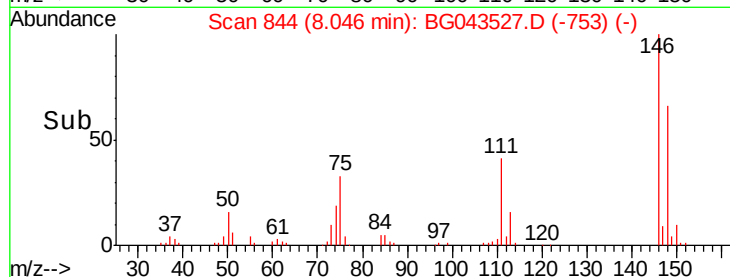
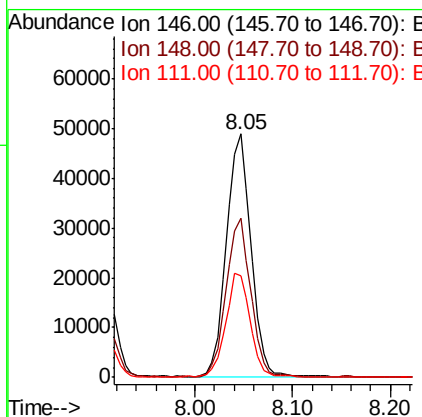
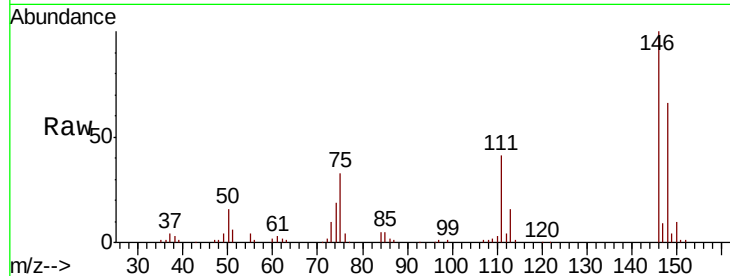
#13
 1,4-Dichlorobenzene
 Concen: 42.485 ng
 RT: 8.05 min Scan# 844
 Delta R.T. 0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PB124575BSD

Tot Ion	Ratio	Lower	Upper
146	100		
148	65.6	50.7	76.1
111	41.5	33.4	50.2

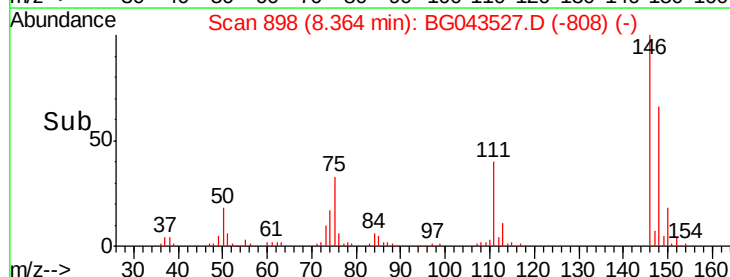
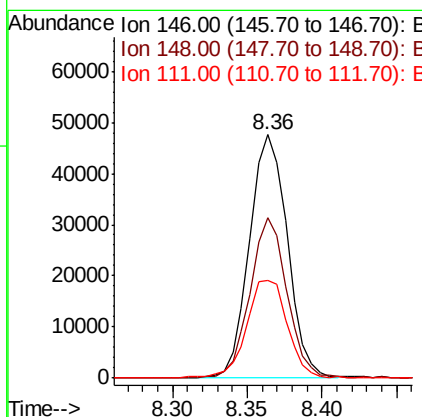
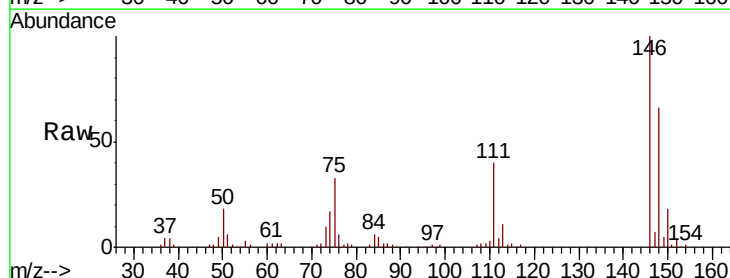
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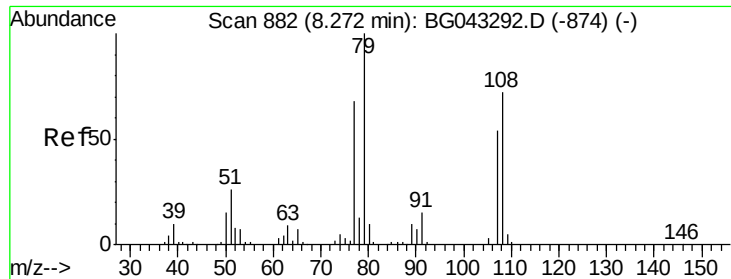
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#14
 1,2-Dichlorobenzene
 Concen: 42.205 ng
 RT: 8.36 min Scan# 898
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
146	100		
148	65.8	53.2	79.8
111	39.9	35.8	53.6





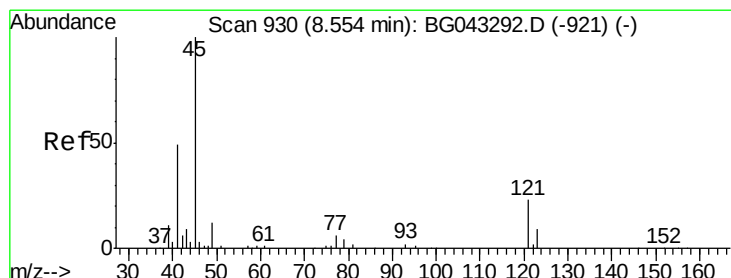
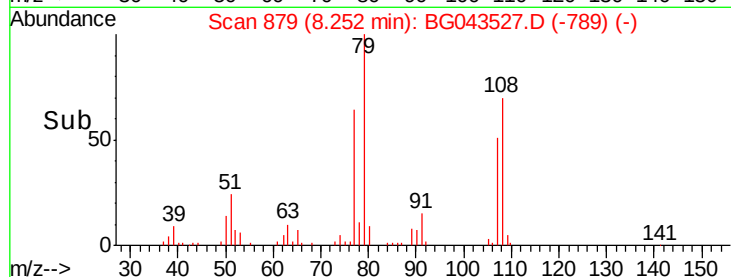
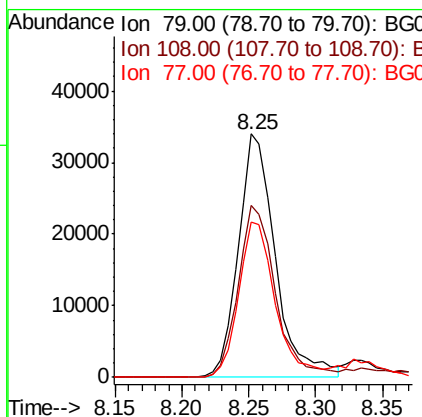
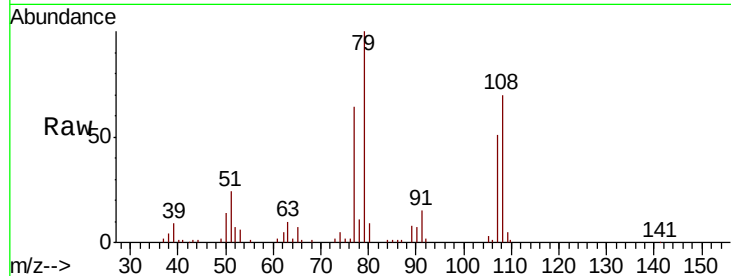
#15
Benzyl Alcohol
Concen: 44.532 ng
RT: 8.25 min Scan# 879
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :
PB124575BSD

Tot Ion	Ratio	Lower	Upper
79	100		
108	70.4	53.6	80.4
77	63.9	49.6	74.4

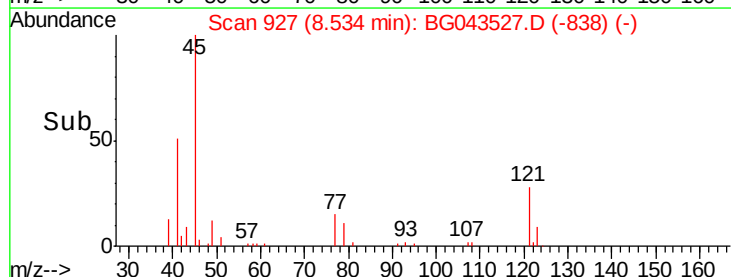
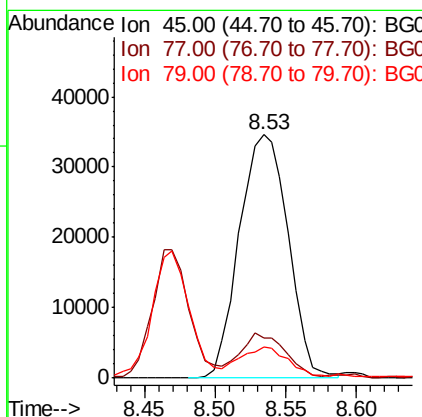
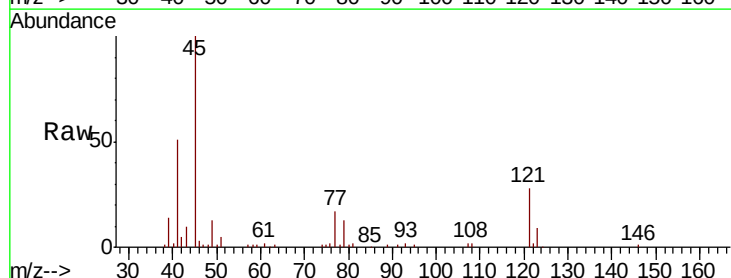
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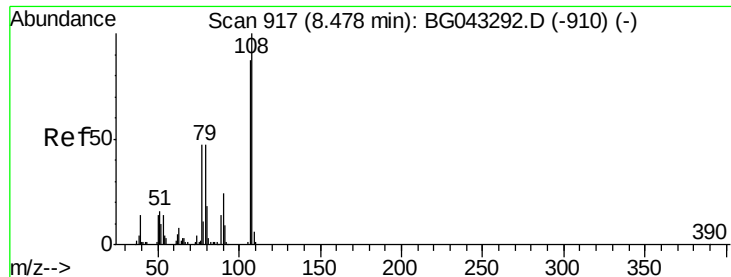
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#16
2,2'-oxybis(1-chloropropane)
Concen: 39.055 ng
RT: 8.53 min Scan# 927
Delta R.T. -0.01 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
45	100		
77	16.6	0.0	34.9
79	12.6	0.0	33.0





#17

2-Methylphenol

Concen: 44.776 ng

RT: 8.47 min Scan# 916

Delta R.T. 0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

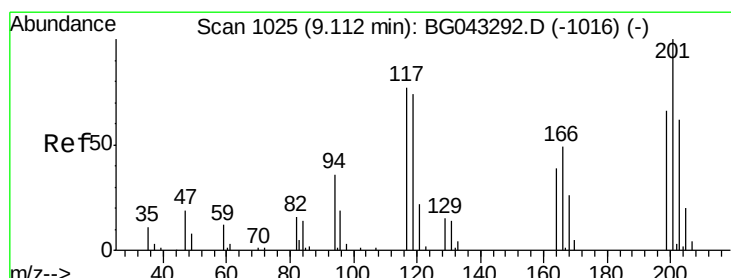
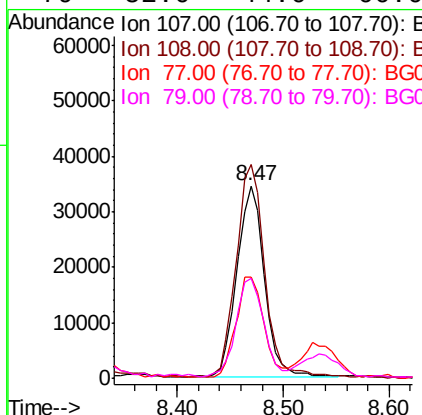
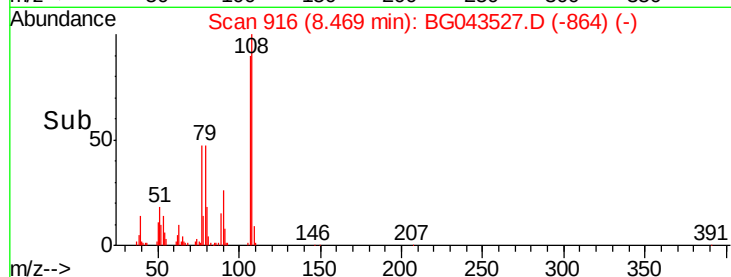
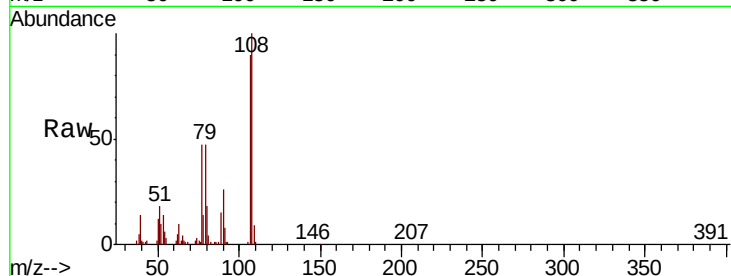
ClientSampleId :

PB124575BSD

Tot Ion:	107	Resp:	62224
Ion Ratio	Lower	Upper	
107	100		
108	111.0	90.2	135.4
77	52.5	40.2	60.2
79	52.0	44.0	66.0

Manual Integrations
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#18

Hexachloroethane

Concen: 42.818 ng

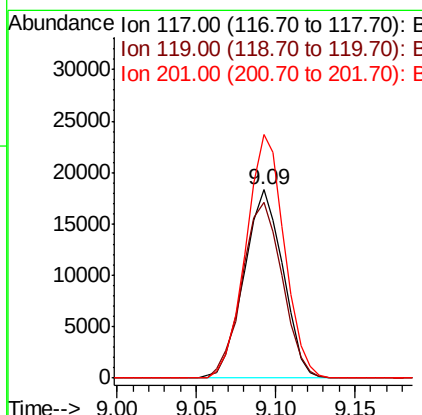
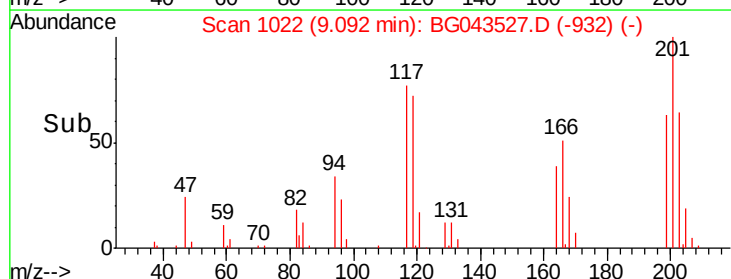
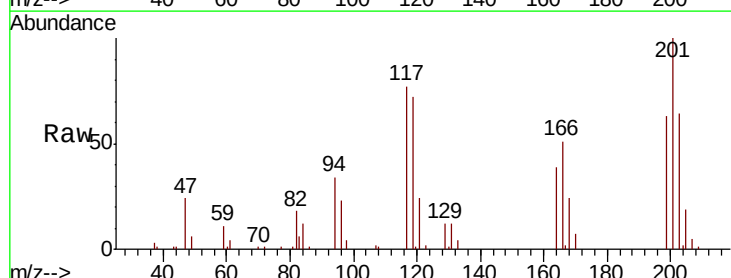
RT: 9.09 min Scan# 1022

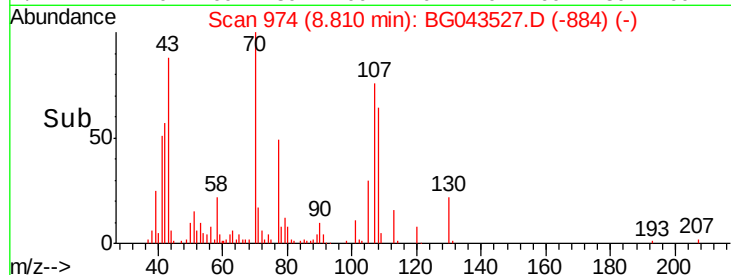
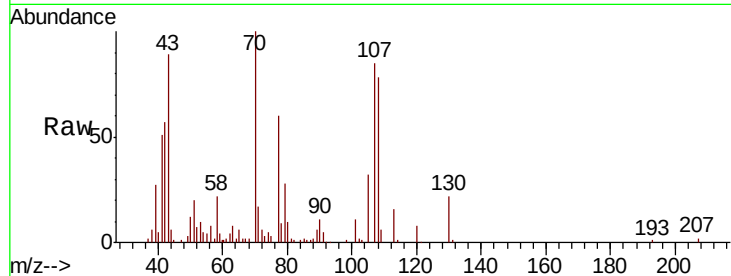
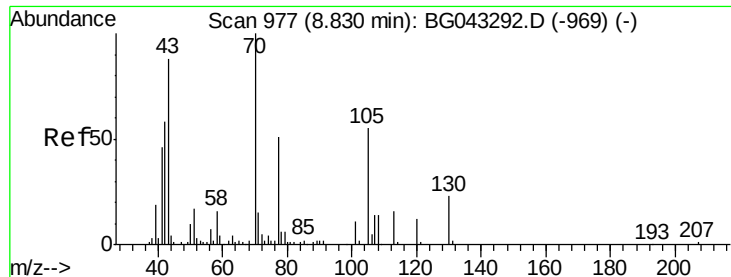
Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Tgt Ion:	117	Resp:	31343
Ion Ratio	Lower	Upper	
117	100		
119	95.0	79.0	118.4
201	129.4	105.4	158.2





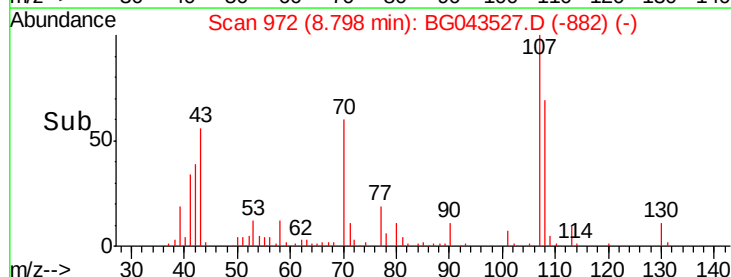
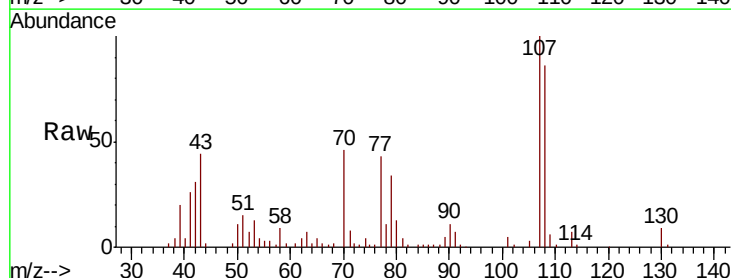
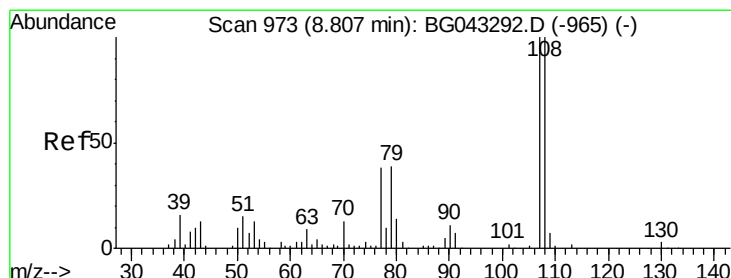
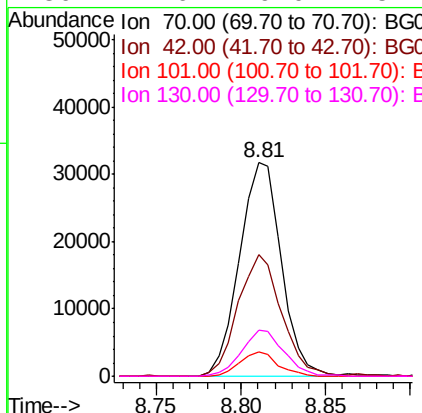
#19
n-Nitroso-di-n-propylamine
Concen: 40.530 ng
RT: 8.81 min Scan# 974
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	56.6	41.4	62.2	
101	11.3	7.9	11.9	
130	21.6	19.0	28.4	

Instrument :
BNA_G
ClientSampleId :
PB124575BSD

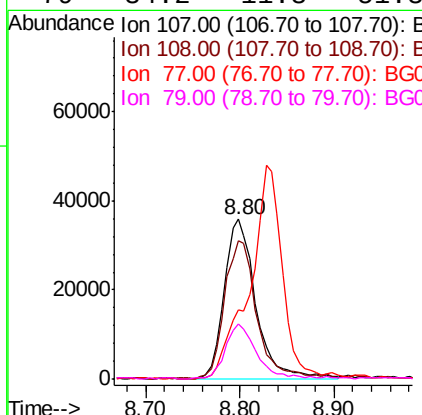
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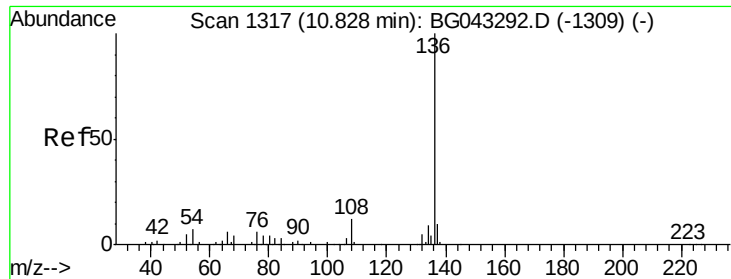
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#20
3+4-Methylphenols
Concen: 43.954 ng
RT: 8.80 min Scan# 972
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	86.3	66.6	106.6	
77	43.2	20.9	60.9	
79	34.2	11.3	51.3	





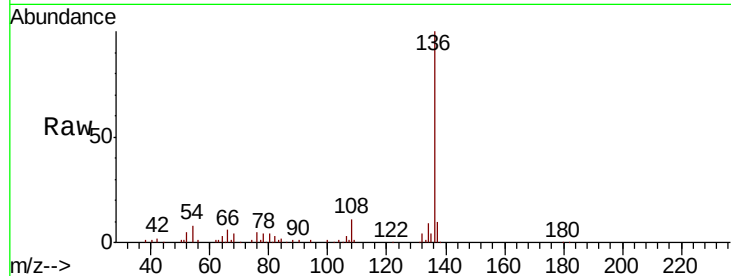
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.81 min Scan# 1315
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :
PB124575BSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	103393		
137	9.5	8.7	13.1	
54	7.9	5.4	8.2	
68	4.1	3.0	4.4	

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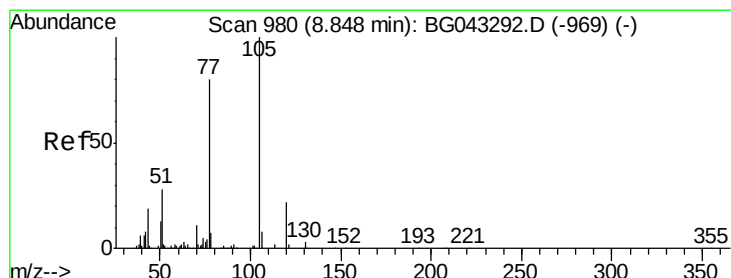
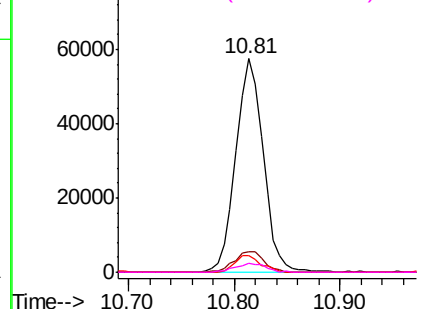
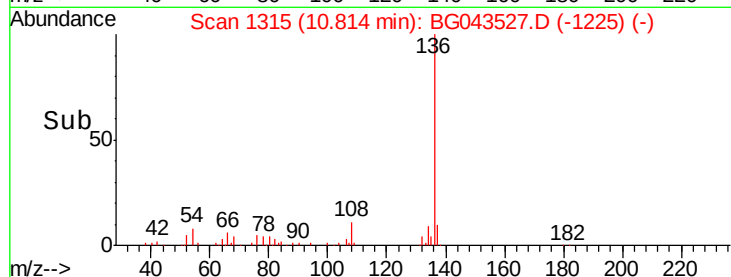
Abundance

Ion 136.00 (135.70 to 136.70): E

Ion 137.00 (136.70 to 137.70): E

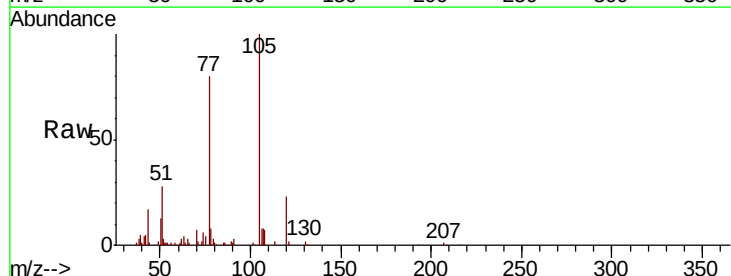
Ion 54.00 (53.70 to 54.70): BGC

Ion 68.00 (67.70 to 68.70): BGC



#22
Acetophenone
Concen: 41.530 ng
RT: 8.83 min Scan# 978
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	109964		
71	1.6	0.8	1.2#	
51	28.4	21.0	31.4	
120	23.2	18.0	27.0	



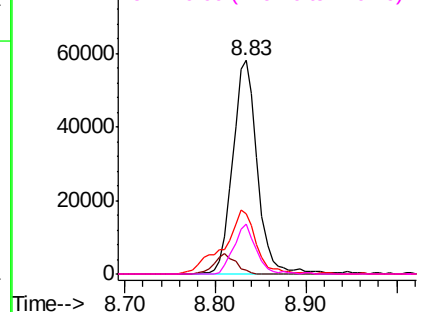
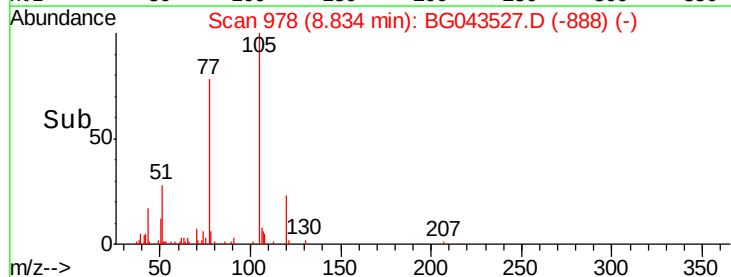
Abundance

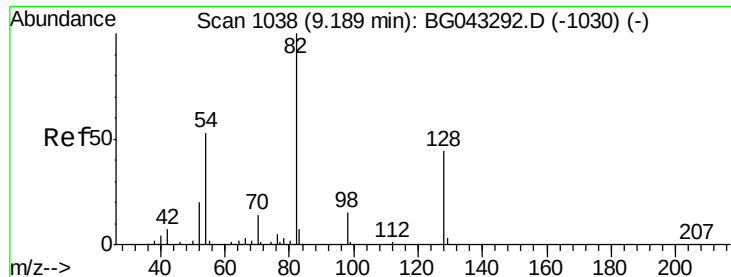
Ion 105.00 (104.70 to 105.70): E

Ion 71.00 (70.70 to 71.70): BGC

Ion 51.00 (50.70 to 51.70): BGC

Ion 120.00 (119.70 to 120.70): E





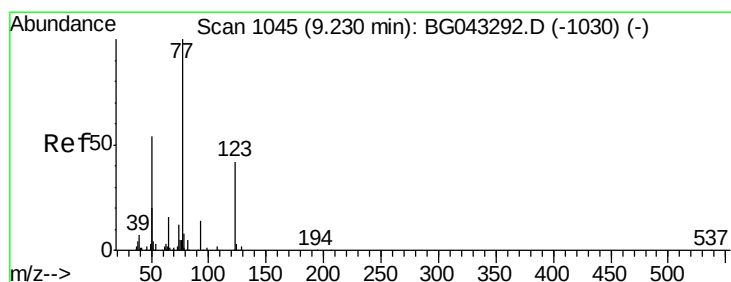
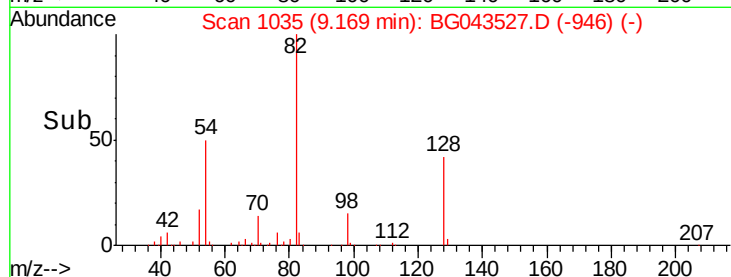
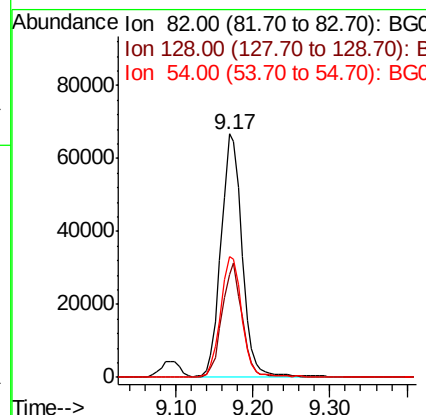
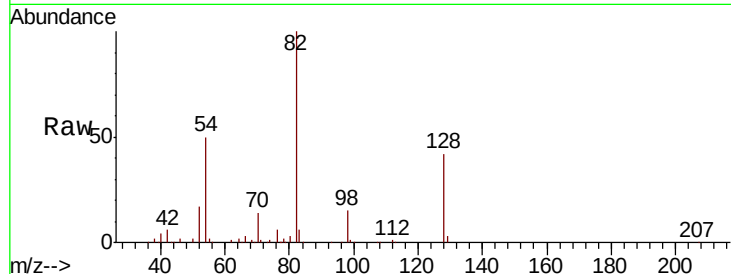
#23
 Nitrobenzene-d5
 Concen: 63.563 ng
 RT: 9.17 min Scan# 1035
 Delta R.T. -0.01 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PB124575BSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	42.2	35.0	52.6
54	49.8	40.2	60.2

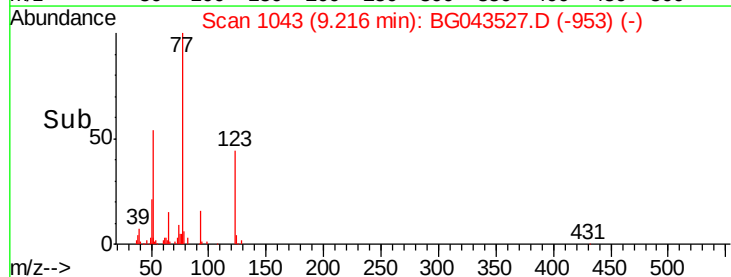
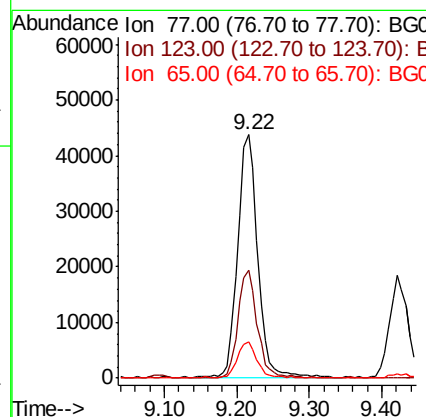
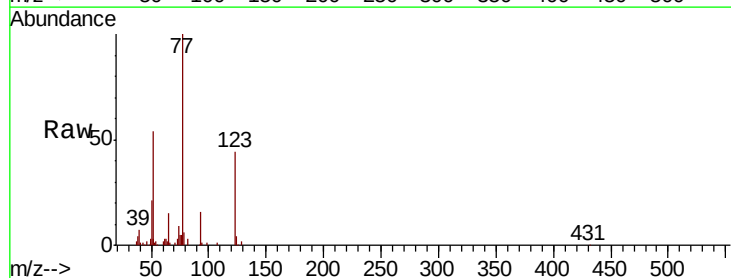
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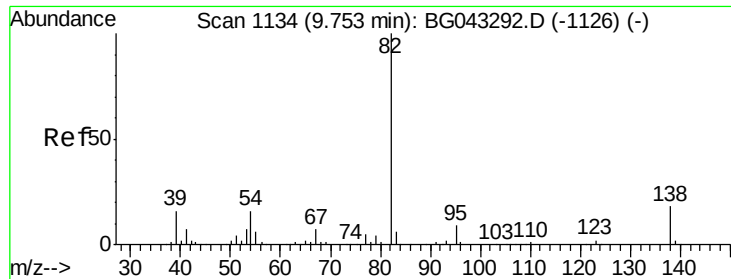
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#24
 Nitrobenzene
 Concen: 44.465 ng
 RT: 9.22 min Scan# 1043
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
77	100		
123	44.2	35.0	52.6
65	14.7	9.5	14.3#





#25

Isophorone

Concen: 41.836 ng

RT: 9.73 min Scan# 1131

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

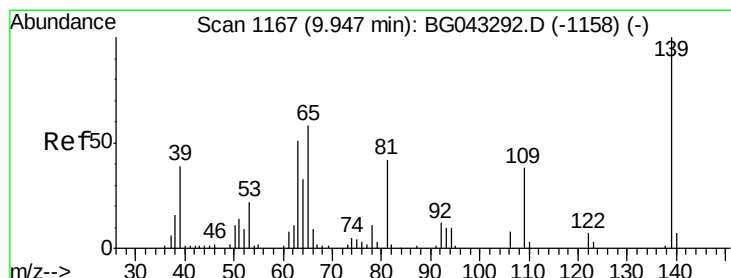
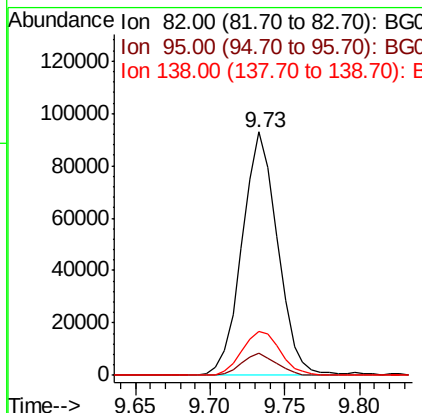
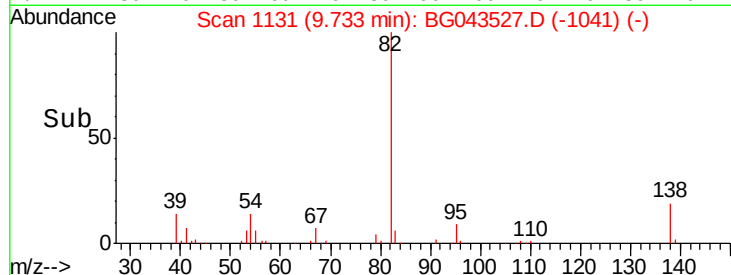
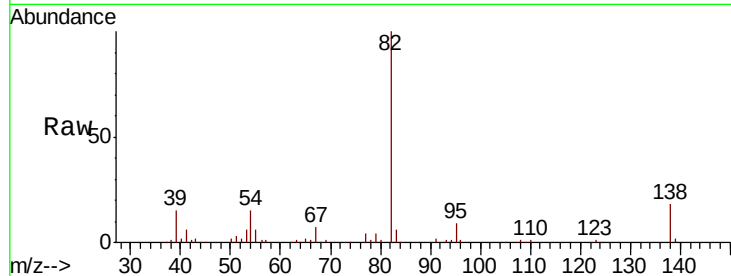
ClientSampleId :

PB124575BSD

Tot Ion:	82	Resp:	153397
Ion Ratio	Lower	Upper	
82	100		
95	9.1	6.6	9.8
138	17.9	15.2	22.8

Manual Integrations
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#26

2-Nitrophenol

Concen: 47.083 ng

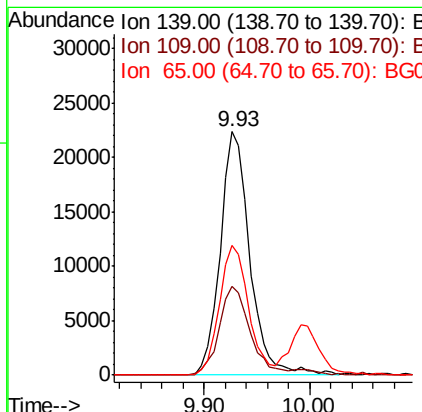
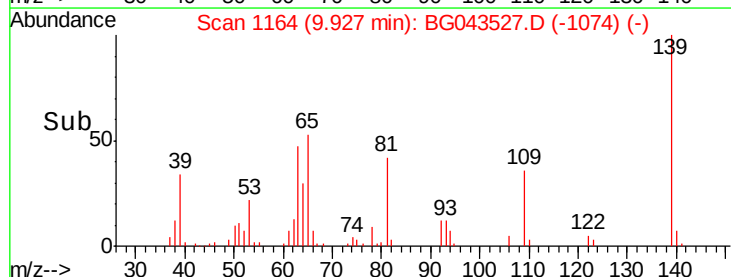
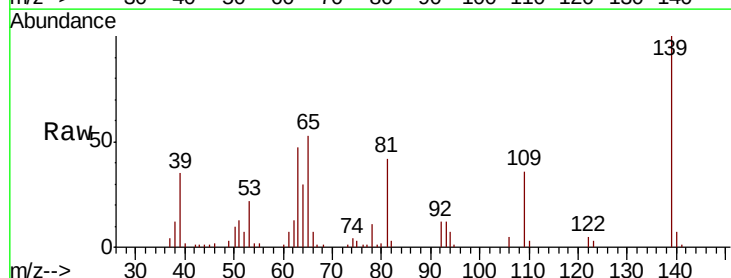
RT: 9.93 min Scan# 1164

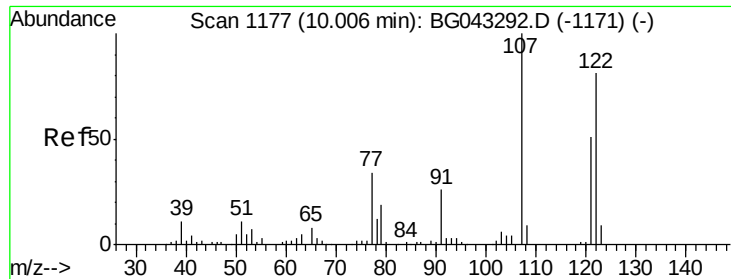
Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Tgt Ion:	139	Resp:	43427
Ion Ratio	Lower	Upper	
139	100		
109	36.4	26.5	39.7
65	53.3	43.8	65.8





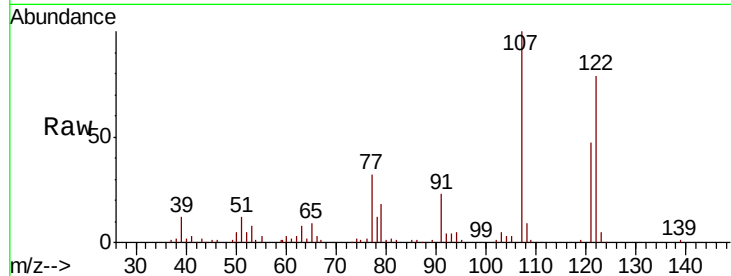
#27
 2,4-Dimethylphenol
 Concen: 53.426 ng
 RT: 10.00 min Scan# 1176
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PB124575BSD

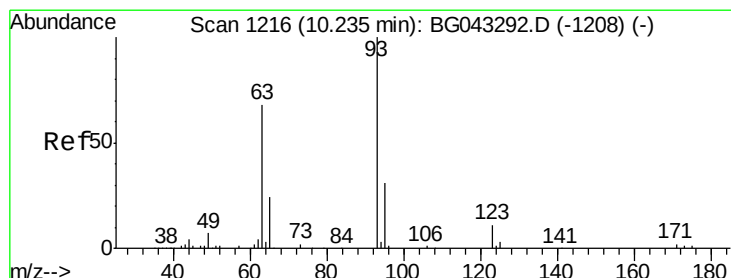
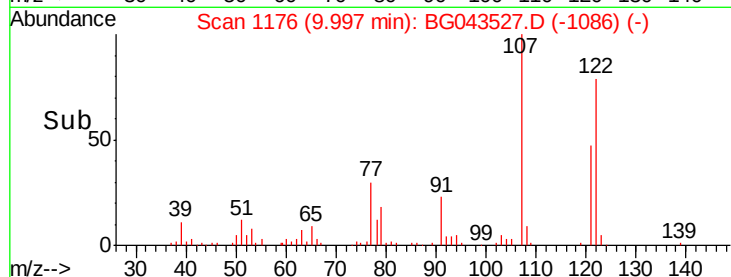
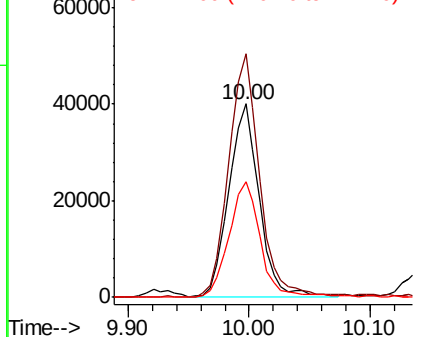
Tot Ion	Ratio	Lower	Upper
122	100		
107	126.0	104.4	156.6
121	59.8	47.2	70.8

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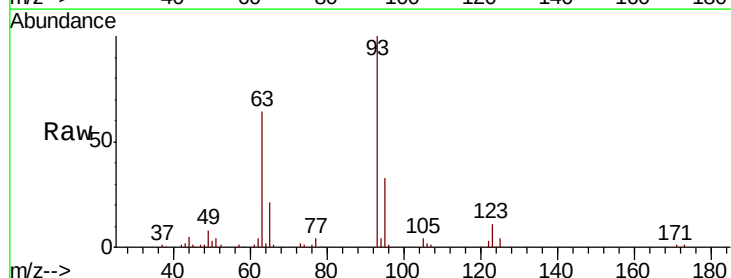


Abundance Ion 122.00 (121.70 to 122.70): E
 Ion 107.00 (106.70 to 107.70): E
 Ion 121.00 (120.70 to 121.70): E

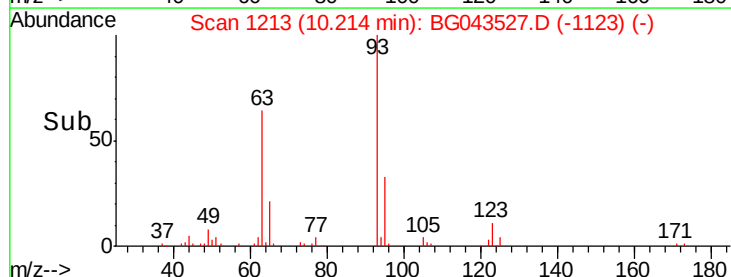
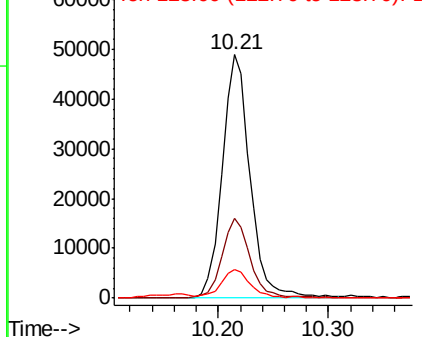


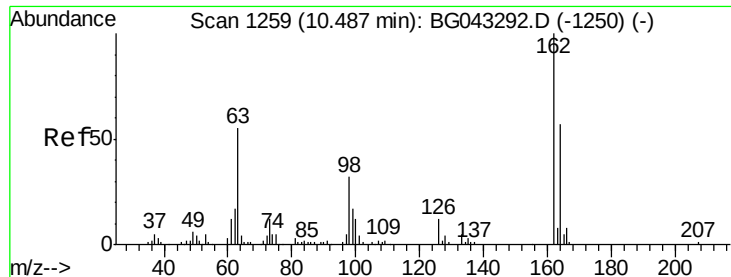
#28
 bis(2-Chloroethoxy)methane
 Concen: 42.540 ng
 RT: 10.21 min Scan# 1213
 Delta R.T. -0.00 min
 Lab File: BG043527.D
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Tgt Ion	Ratio	Lower	Upper
93	100		
95	32.6	26.0	39.0
123	11.5	10.6	15.8



Abundance Ion 93.00 (92.70 to 93.70): BGC
 Ion 95.00 (94.70 to 95.70): BGC
 Ion 123.00 (122.70 to 123.70): E





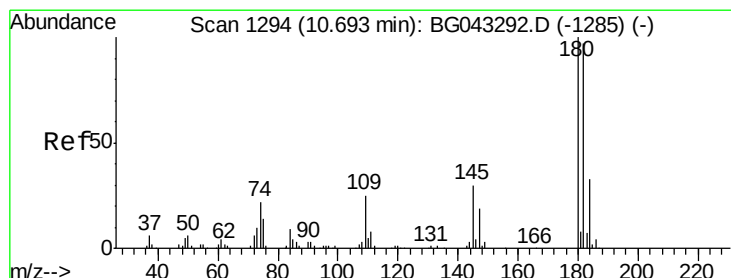
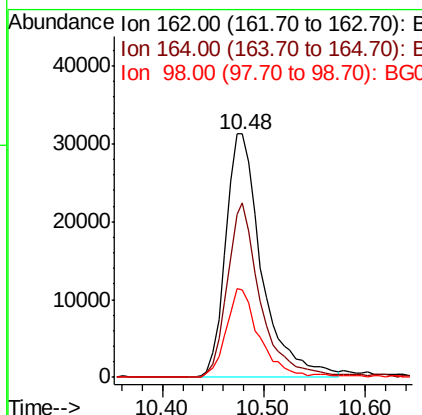
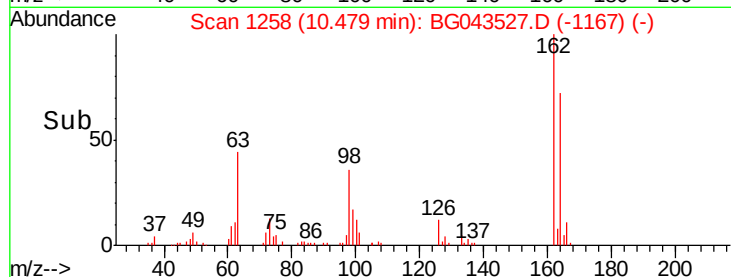
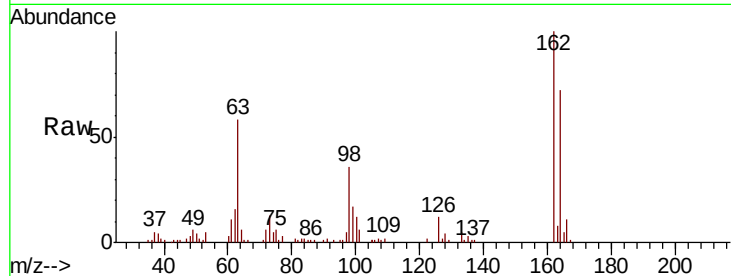
#29
2,4-Dichlorophenol
Concen: 45.555 ng
RT: 10.48 min Scan# 1258
Delta R.T. 0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :
PB124575BSD

Tot Ion:	162	Resp:	77161
Ion Ratio	Lower	Upper	
162	100		
164	71.5	48.9	88.9
98	36.0	15.1	55.1

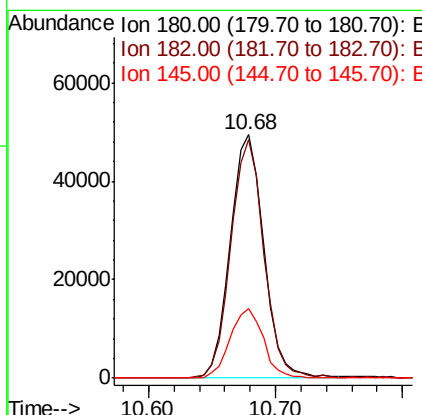
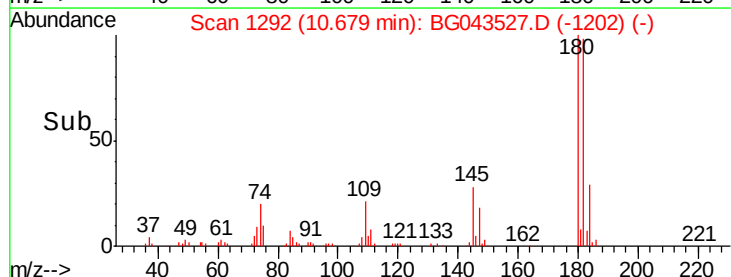
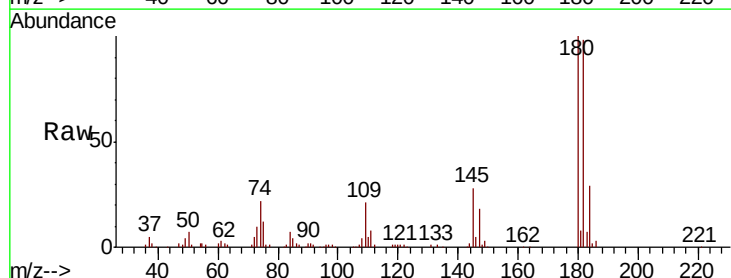
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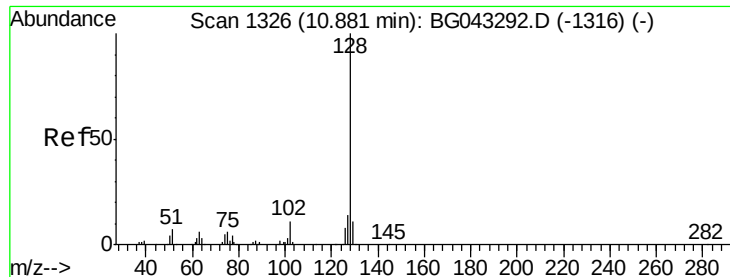
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#30
1,2,4-Trichlorobenzene
Concen: 42.431 ng
RT: 10.68 min Scan# 1292
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion:	180	Resp:	90582
Ion Ratio	Lower	Upper	
180	100		
182	97.7	75.1	112.7
145	28.3	23.9	35.9





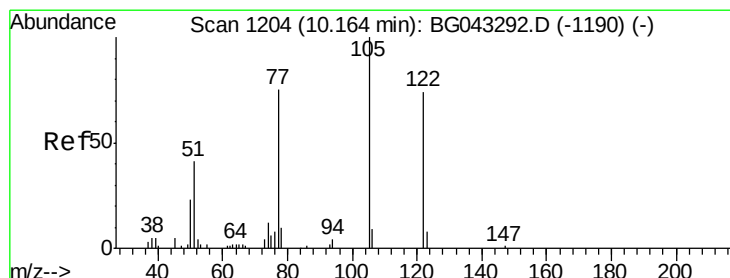
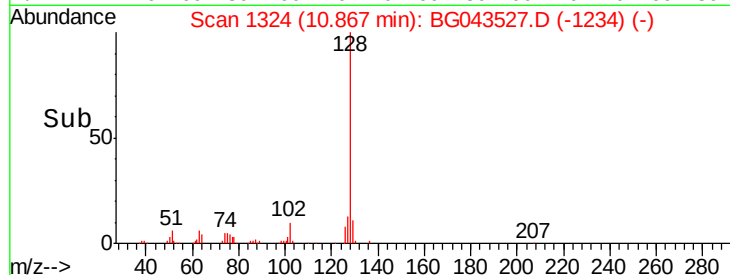
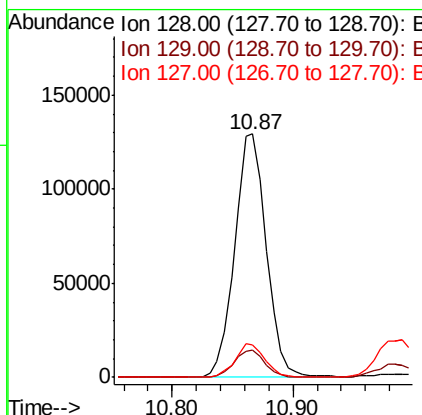
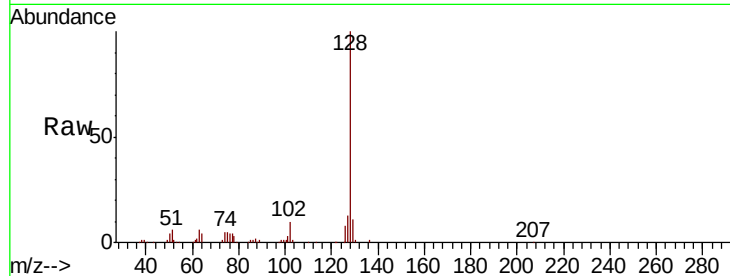
#31
Naphthalene
Concen: 44.908 ng
RT: 10.87 min Scan# 1324
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :
PB124575BSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100	235686		
129	11.4	9.4	14.0	
127	13.4	11.1	16.7	

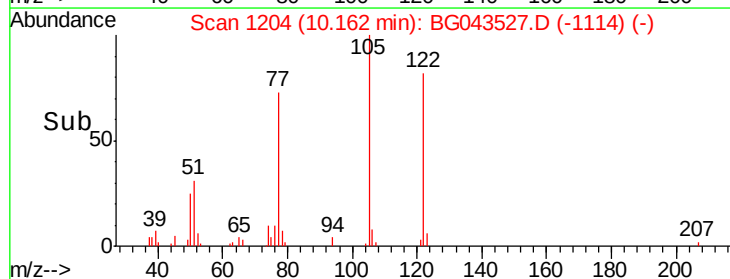
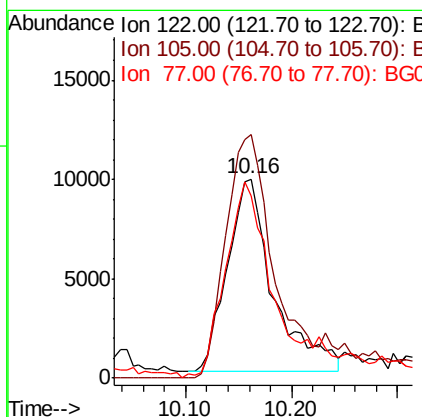
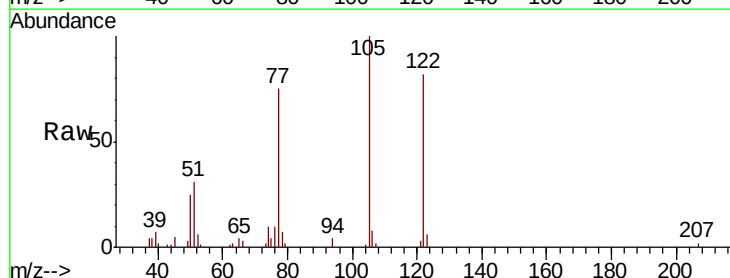
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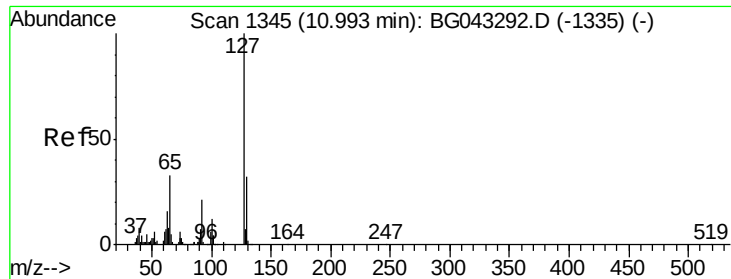
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#32
Benzoic acid
Concen: 32.604 ng
RT: 10.16 min Scan# 1204
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
122	100	29300		
105	122.2	103.3	143.3	
77	91.4	84.9	124.9	





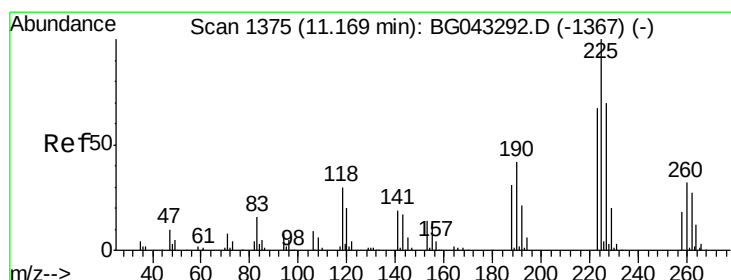
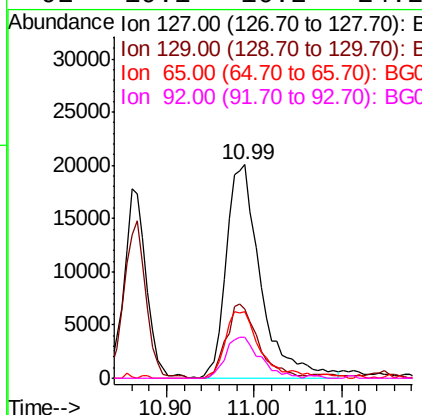
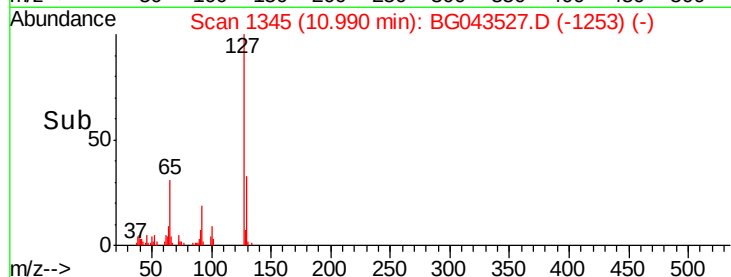
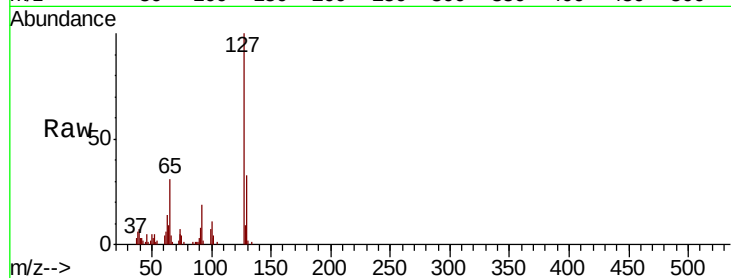
#33
4-Chloroaniline
Concen: 25.198 ng
RT: 10.99 min Scan# 1345
Delta R.T. 0.01 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :
PB124575BSD

Tot Ion	Ratio	Lower	Upper
127	100		
129	32.6	26.5	39.7
65	31.0	26.4	39.6
92	19.1	16.2	24.2

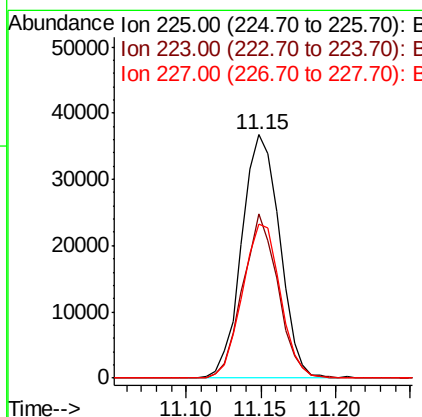
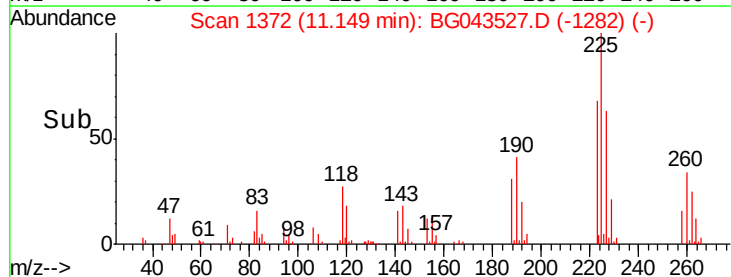
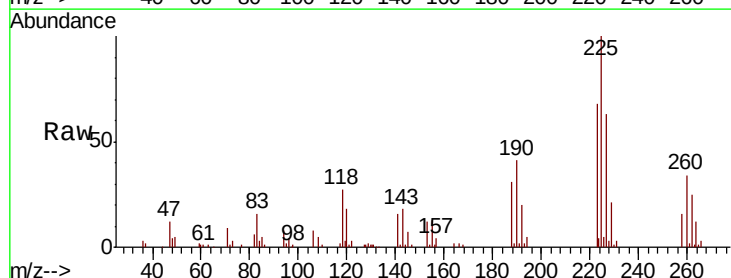
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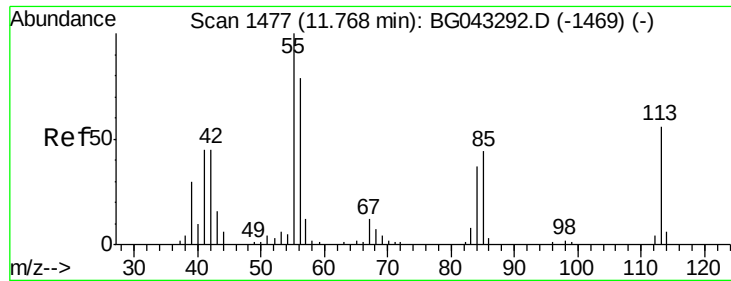
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#34
Hexachlorobutadiene
Concen: 40.956 ng
RT: 11.15 min Scan# 1372
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
225	100		
223	67.6	52.7	79.1
227	63.2	54.8	82.2





#35

Caprolactam

Concen: 44.296 ng

RT: 11.75 min Scan# 1474

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

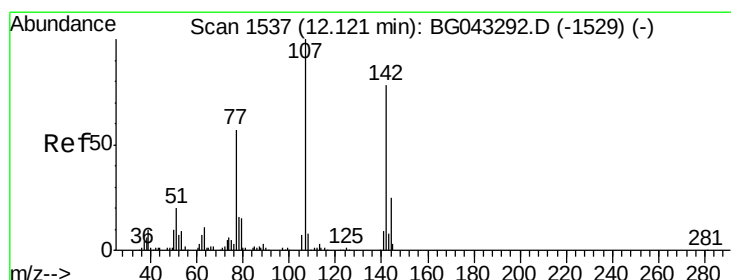
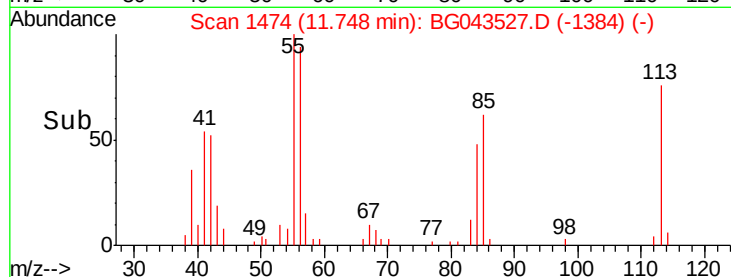
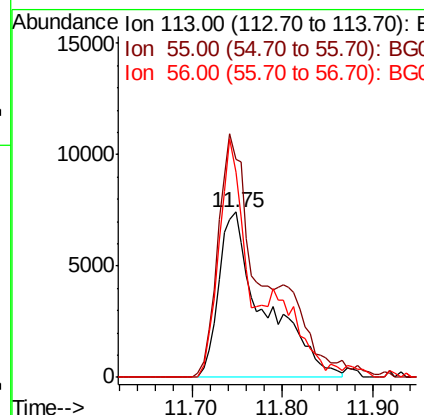
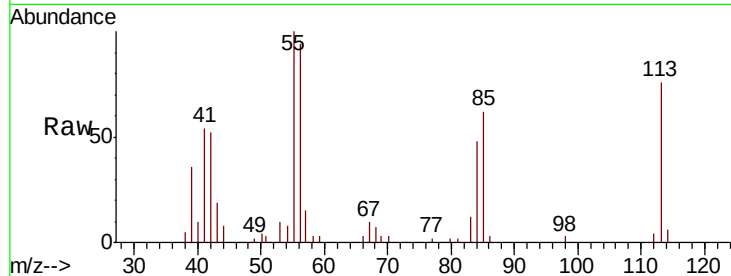
ClientSampleId :

PB124575BSD

Tot Ion	Ratio	Lower	Upper
113	100		
55	131.9	134.1	174.1#
56	124.0	100.4	140.4

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#36

4-Chloro-3-methylphenol

Concen: 45.852 ng

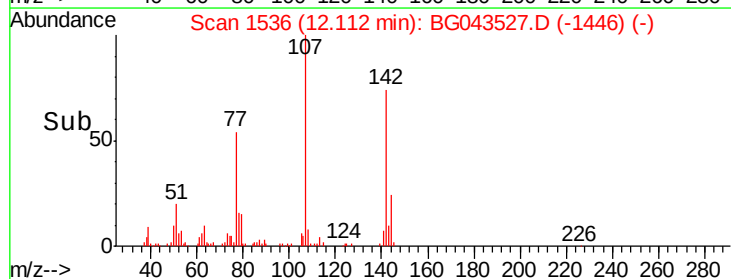
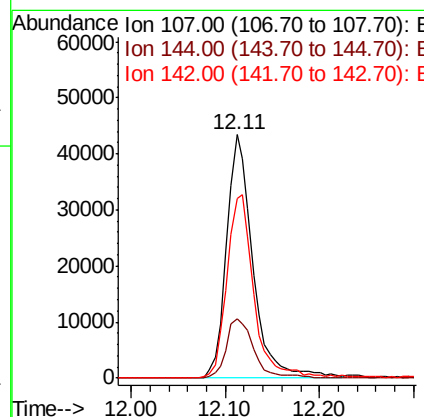
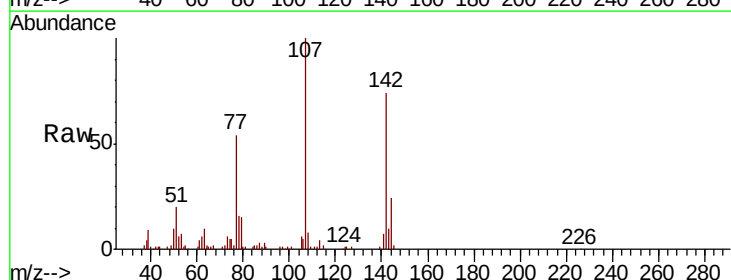
RT: 12.11 min Scan# 1536

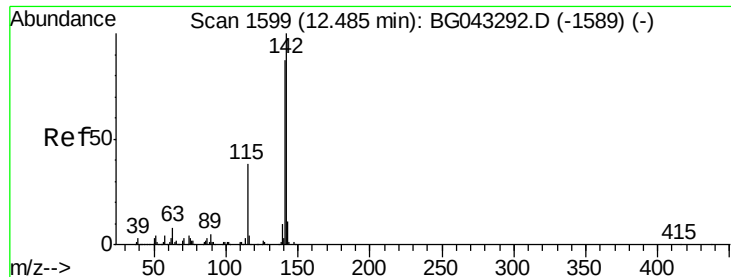
Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
107	100		
144	24.3	20.9	31.3
142	73.9	59.6	89.4





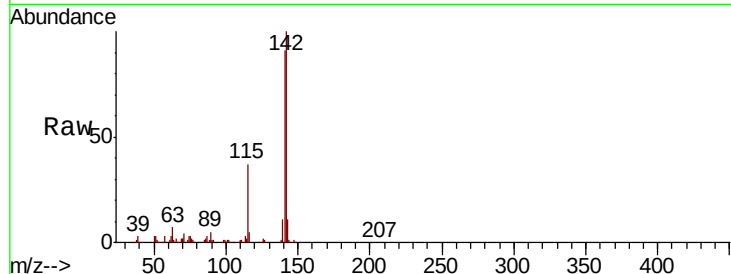
#37
2-Methylnaphthalene
Concen: 44.500 ng
RT: 12.47 min Scan# 1597
Delta R.T. 0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :
PB124575BSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	91.3	72.2	108.2
115	37.4	33.2	49.8

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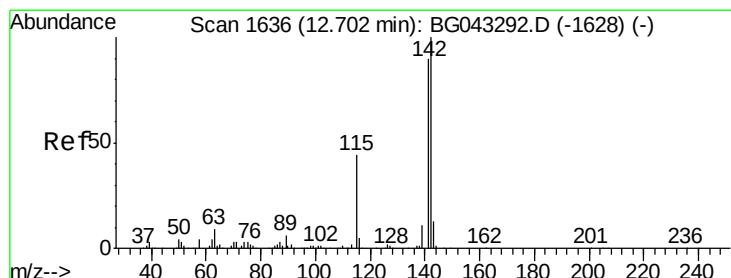
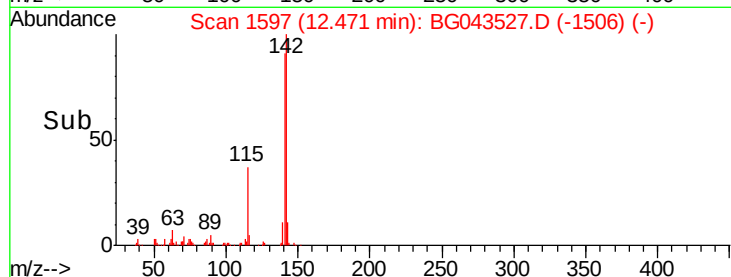
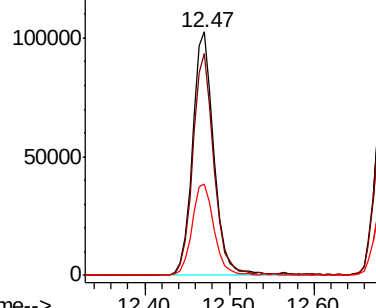


Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 115.00 (114.70 to 115.70): E



#38
1-Methylnaphthalene
Concen: 44.188 ng
RT: 12.69 min Scan# 1634
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

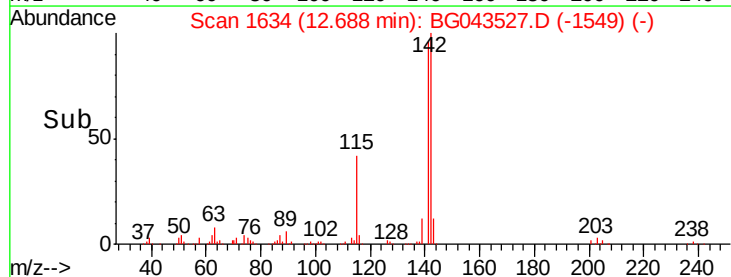
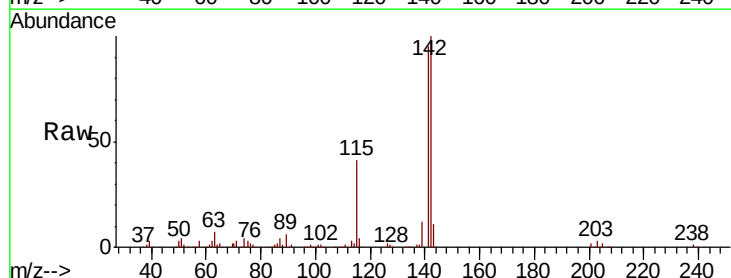
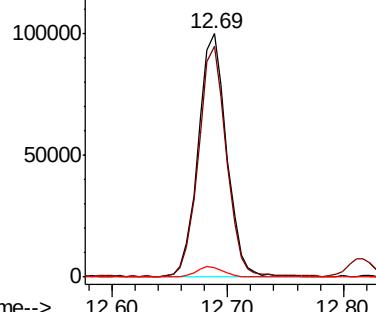
Tgt Ion	Ratio	Lower	Upper
142	100		
141	94.8	73.2	109.8
116	3.8	3.6	5.4

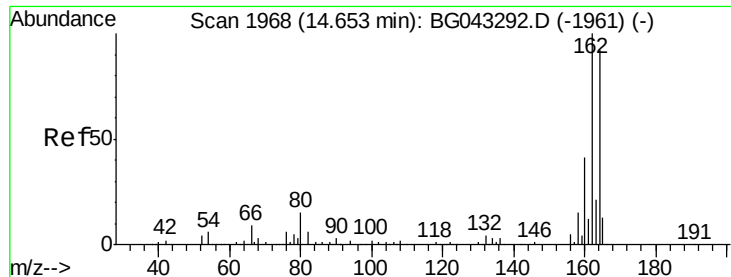
Abundance

Ion 142.00 (141.70 to 142.70): E

Ion 141.00 (140.70 to 141.70): E

Ion 116.00 (115.70 to 116.70): E





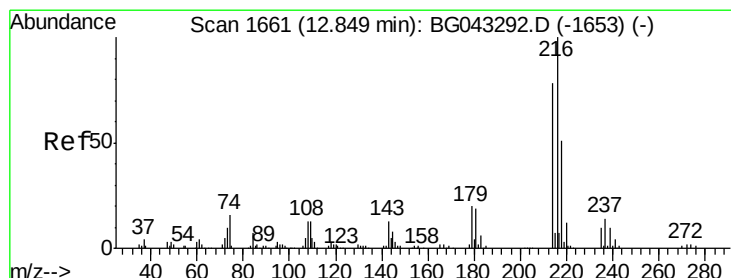
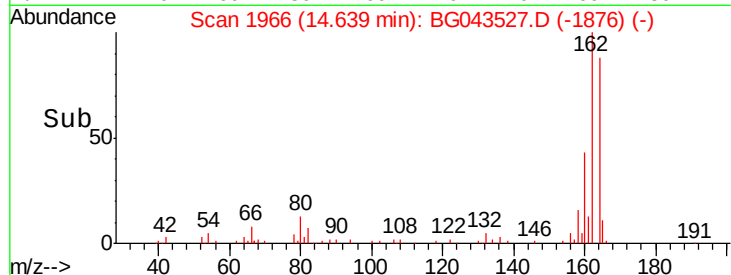
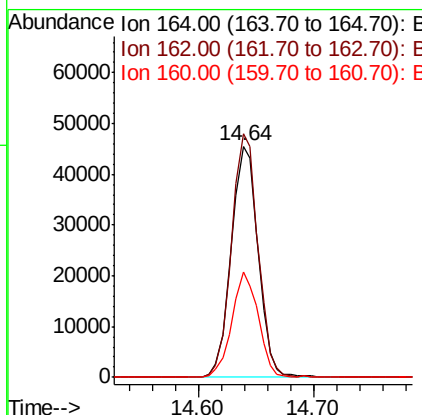
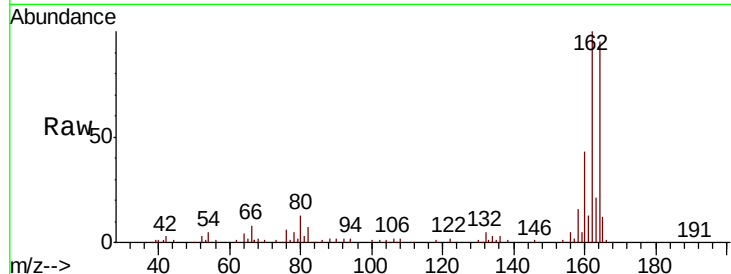
#39
 Acenaphthene-d10
 Concen: 20.000 ng
 RT: 14.64 min Scan# 1966
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PB124575BSD

Tot Ion	Ratio	Lower	Upper
164	100		
162	105.3	83.5	125.3
160	45.7	36.5	54.7

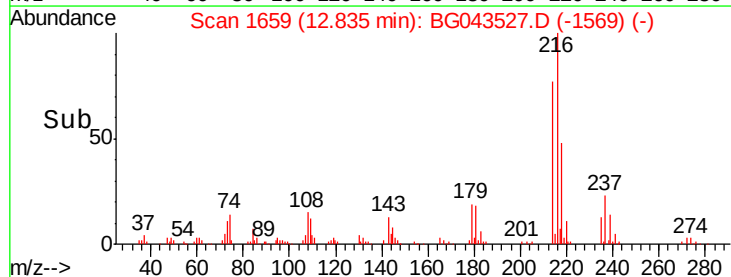
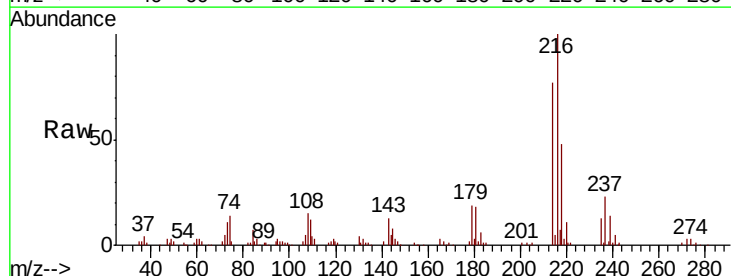
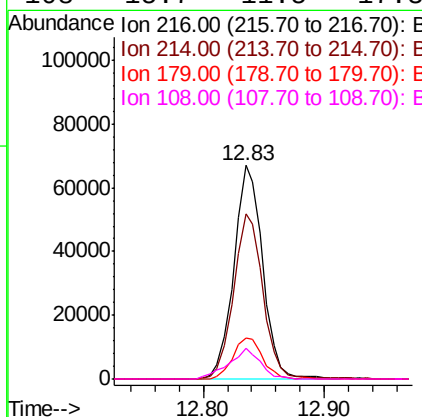
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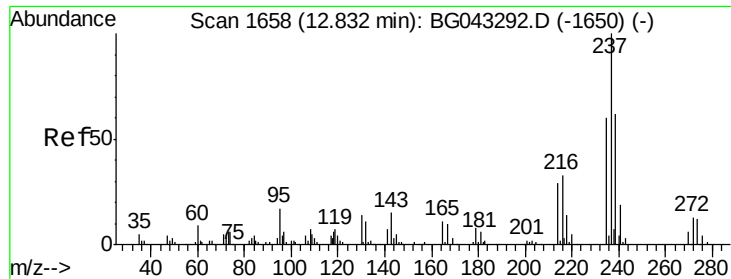
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#40
 1,2,4,5-Tetrachlorobenzene
 Concen: 40.919 ng
 RT: 12.83 min Scan# 1659
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
216	100		
214	78.1	61.7	92.5
179	19.9	15.8	23.8
108	15.7	11.5	17.3





#41

Hexachlorocyclopentadiene

Concen: 83.943 ng

RT: 12.82 min Scan# 1656

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

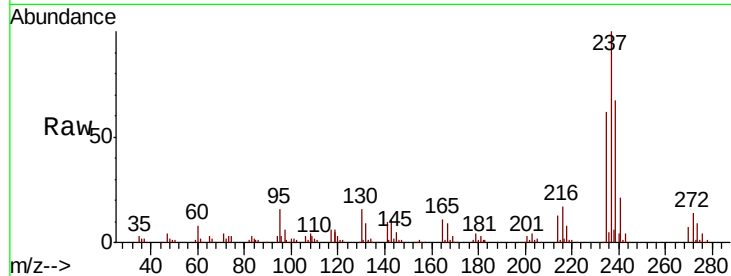
ClientSampleId :

PB124575BSD

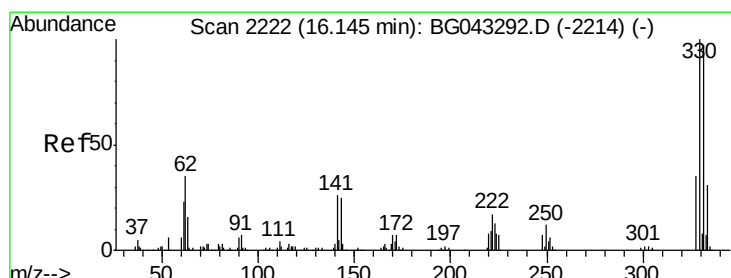
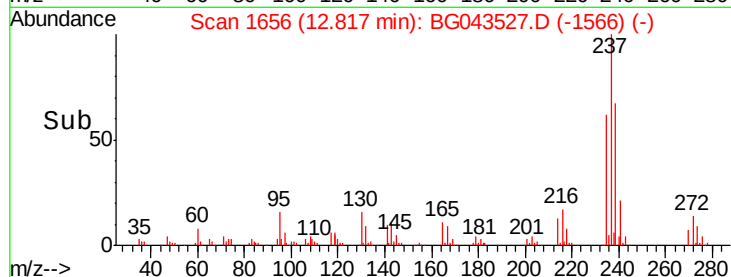
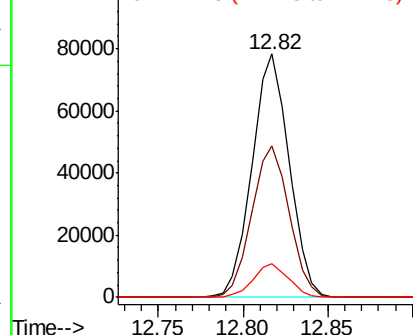
Tot Ion:	237	Resp:	119969
Ion Ratio	Lower	Upper	
237	100		
235	62.1	41.6	81.6
272	13.7	0.0	32.5

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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: 113.260 ng

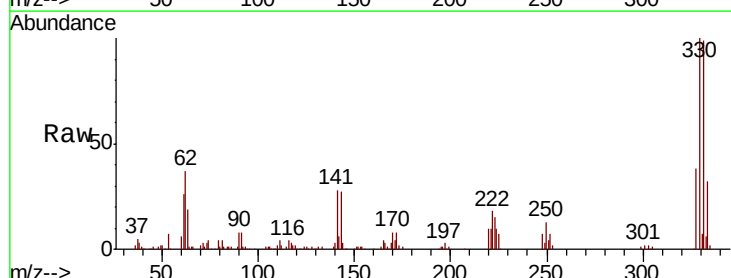
RT: 16.13 min Scan# 2220

Delta R.T. -0.00 min

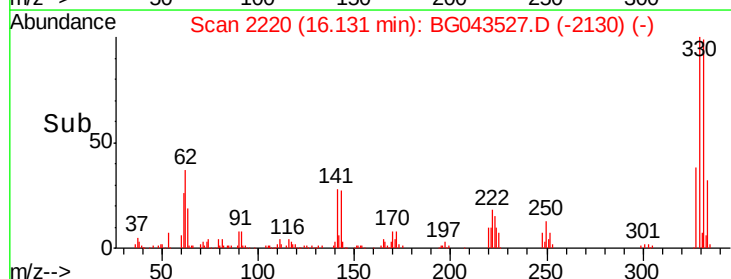
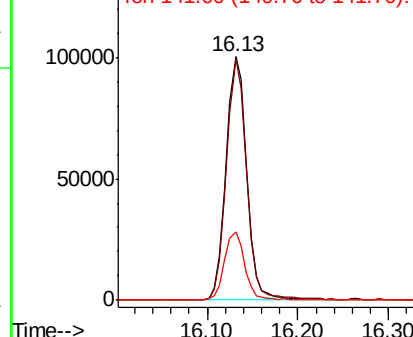
Lab File: BG043527.D

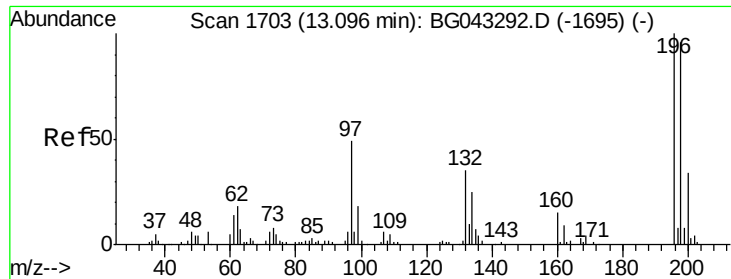
Acq: 6 Nov 2019 19:31

Tgt Ion:	330	Resp:	158448
Ion Ratio	Lower	Upper	
330	100		
332	96.8	77.4	116.0
141	27.1	22.8	34.2



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





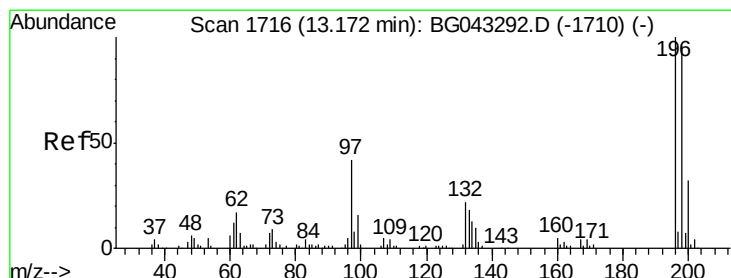
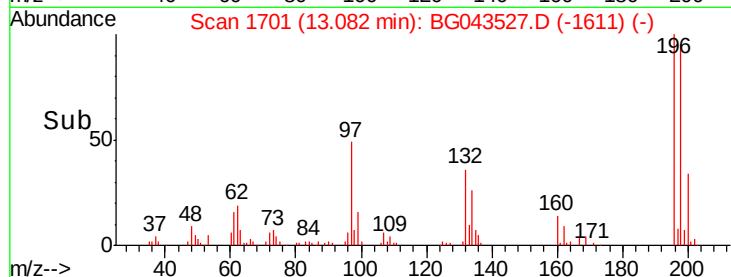
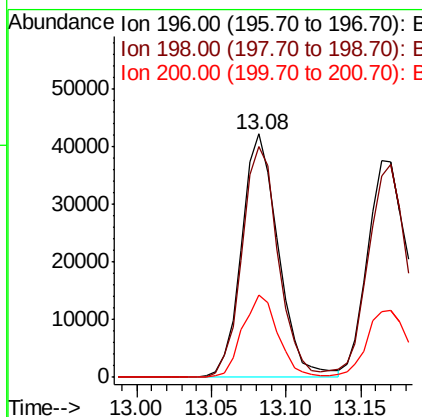
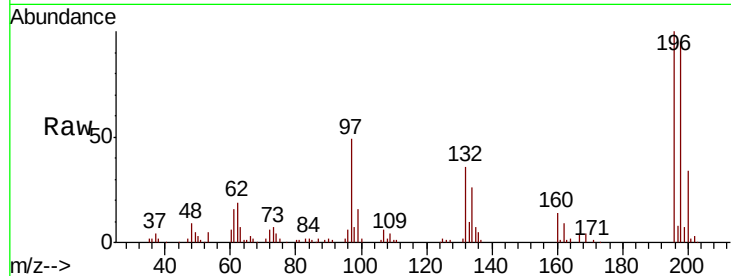
#43
 2,4,6-Trichlorophenol
 Concen: 44.963 ng
 RT: 13.08 min Scan# 1701
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PB124575BSD

Tot Ion	Ratio	Resp	Lower	Upper
196	100	72040		
198	94.9	75.8	113.6	
200	33.6	23.9	35.9	

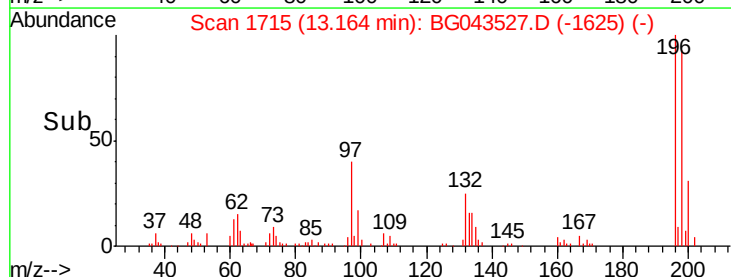
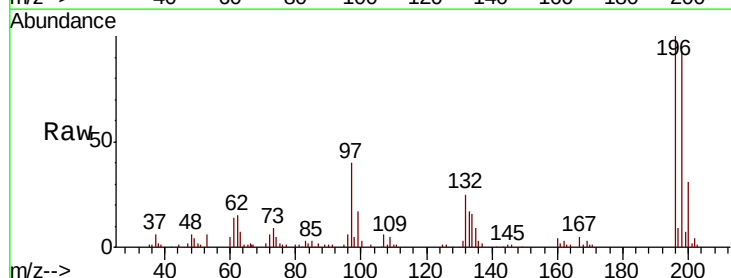
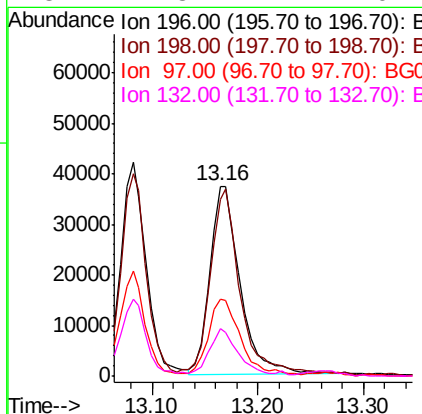
Manual Integrations
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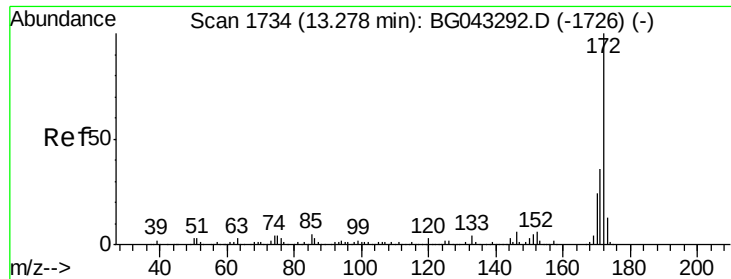
Sohil
 11/8/2019 3:29:54 PM



#44
 2,4,5-Trichlorophenol
 Concen: 45.815 ng
 RT: 13.16 min Scan# 1715
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	74211		
198	93.0	74.5	111.7	
97	40.2	36.3	54.5	
132	24.8	17.4	26.2	





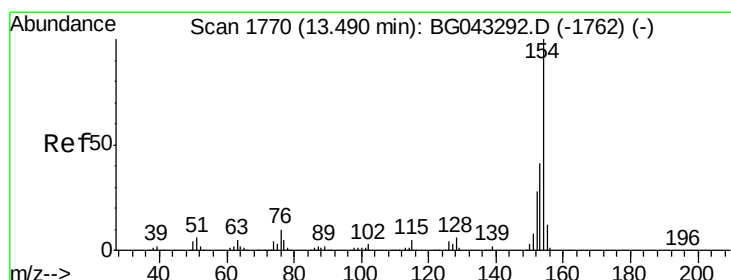
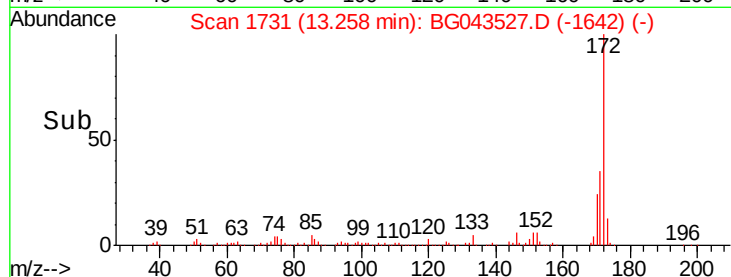
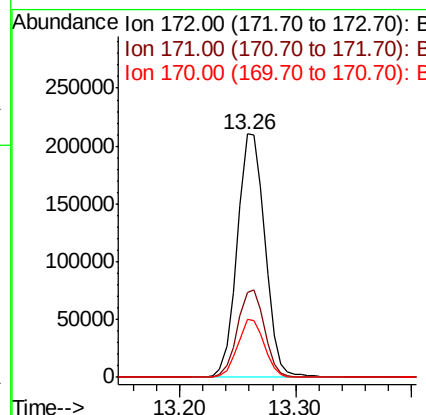
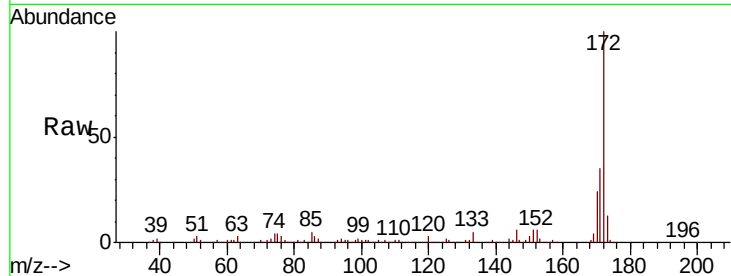
#45
 2-Fluorobiphenyl
 Concen: 65.725 ng
 RT: 13.26 min Scan# 1731
 Delta R.T. -0.01 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Instrument :
 BNA_G
 ClientSampled :
 PB124575BSD

Tot Ion:	172	Resp:	349666
Ion Ratio	Lower	Upper	
172	100		
171	34.9	28.9	43.3
170	23.7	18.5	27.7

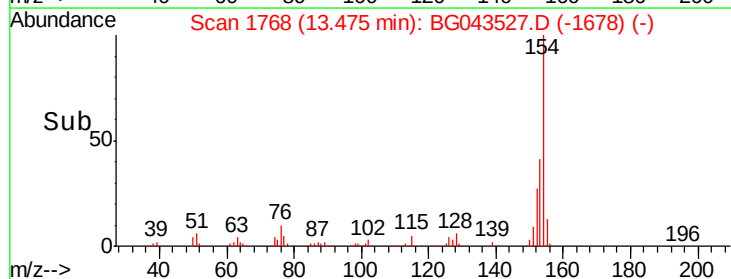
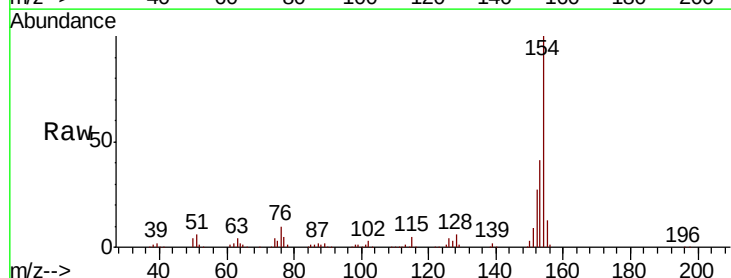
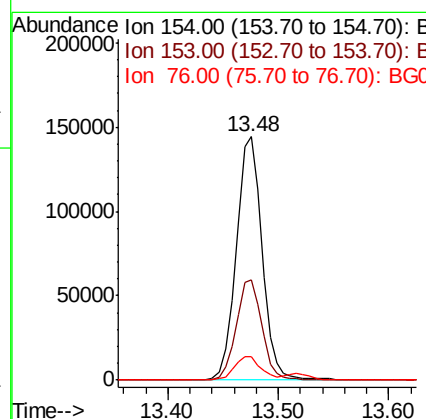
Manual Integrations
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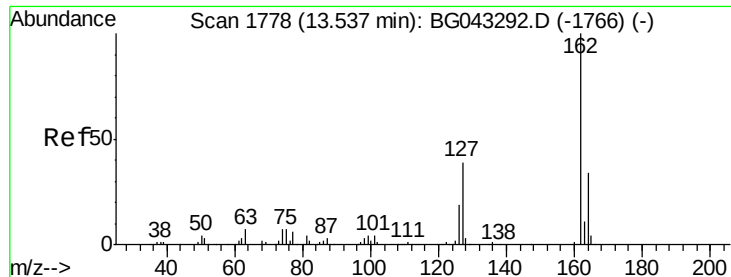
Sohil
 11/8/2019 3:29:54 PM



#46
 1,1'-Biphenyl
 Concen: 42.398 ng
 RT: 13.48 min Scan# 1768
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion:	154	Resp:	237110
Ion Ratio	Lower	Upper	
154	100		
153	41.2	19.9	59.9
76	9.7	0.0	29.4





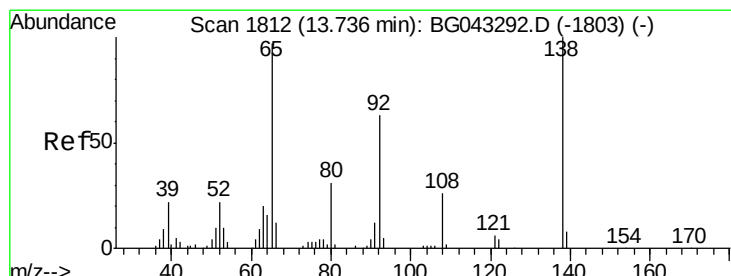
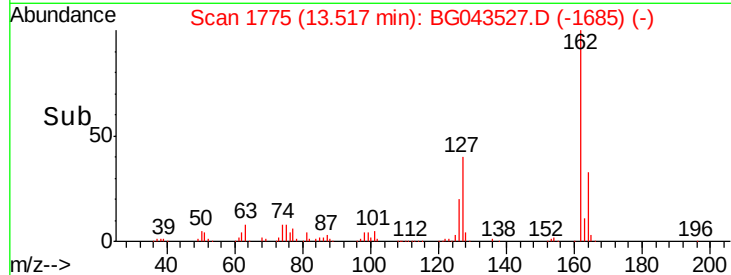
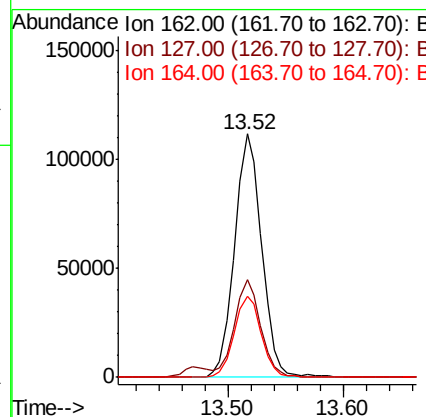
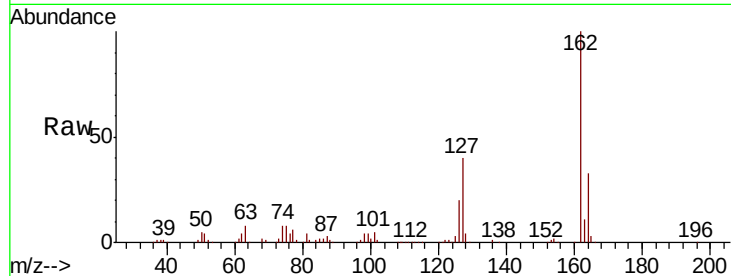
#47
2-Chloronaphthalene
Concen: 42.744 ng
RT: 13.52 min Scan# 1775
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :
PB124575BSD

Tot Ion	Ratio	Lower	Upper
162	100		
127	39.9	31.2	46.8
164	33.3	25.8	38.8

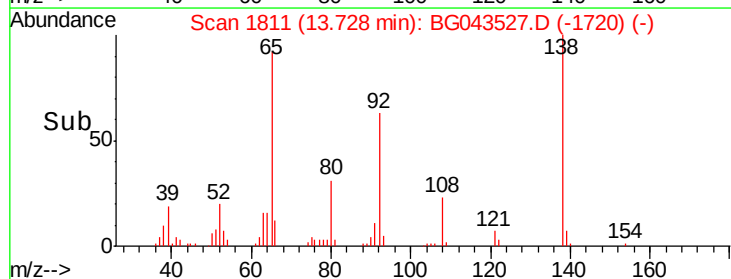
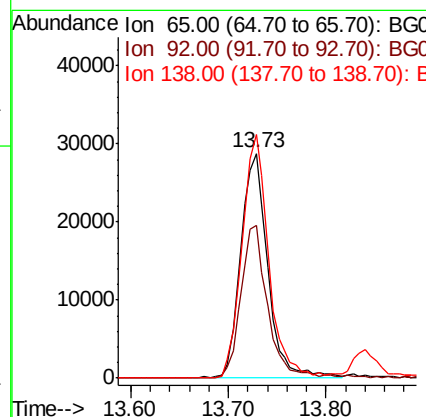
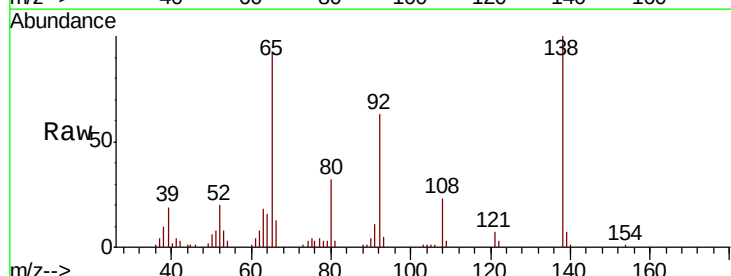
Manual Integrations
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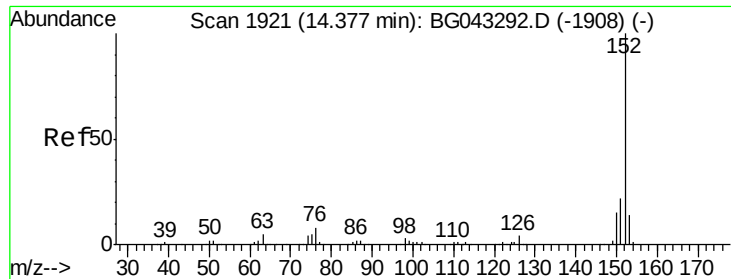
Sohil
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#48
2-Nitroaniline
Concen: 43.622 ng
RT: 13.73 min Scan# 1811
Delta R.T. 0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
65	100		
92	68.0	56.2	84.2
138	108.4	82.6	123.8





#49

Acenaphthylene

Concen: 45.125 ng

RT: 14.36 min Scan# 1919

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

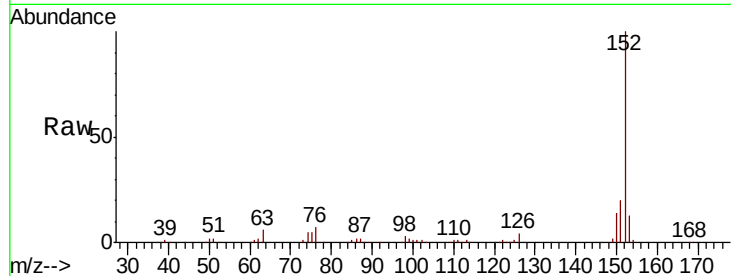
ClientSampleId :

PB124575BSD

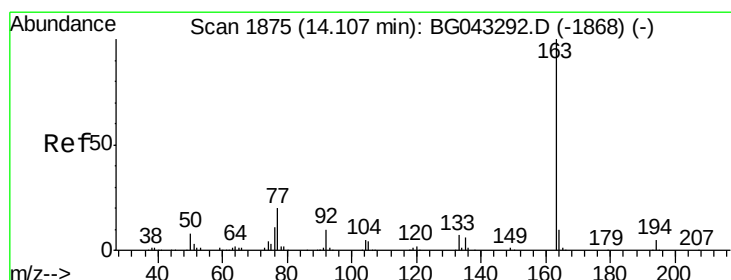
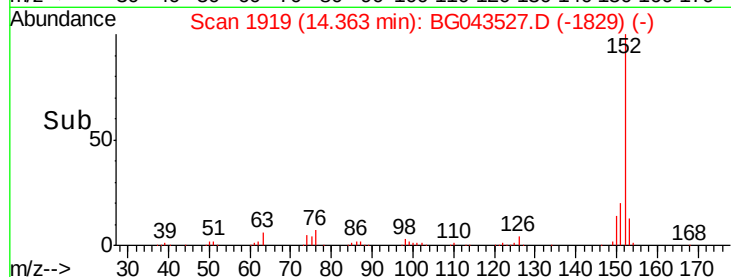
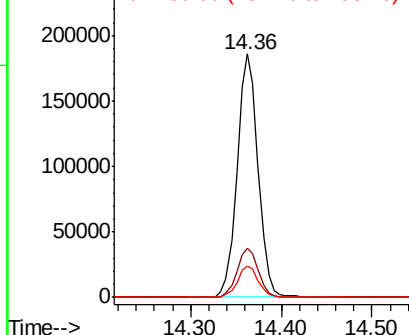
Tot Ion	Ion	Ratio	Resp	Lower	Upper
152	100		298847		
151	20.1	16.2	24.4		
153	13.0	10.6	15.8		

Manual Integrations
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Abundance Ion 152.00 (151.70 to 152.70): E
Ion 151.00 (150.70 to 151.70): E
Ion 153.00 (152.70 to 153.70): E



#50

Dimethylphthalate

Concen: 42.675 ng

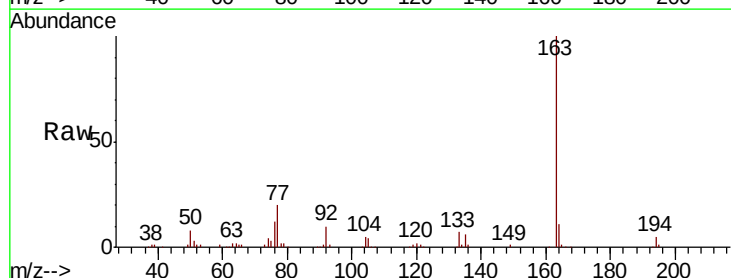
RT: 14.09 min Scan# 1873

Delta R.T. -0.00 min

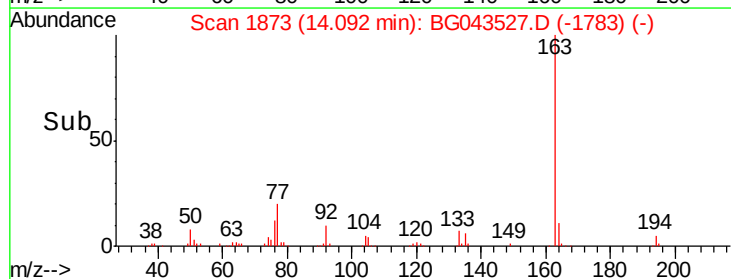
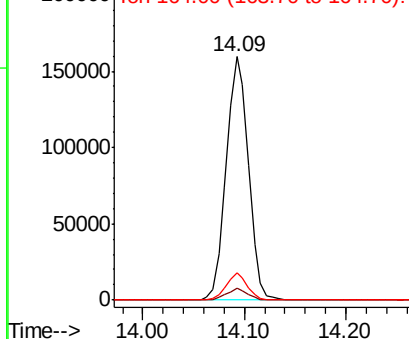
Lab File: BG043527.D

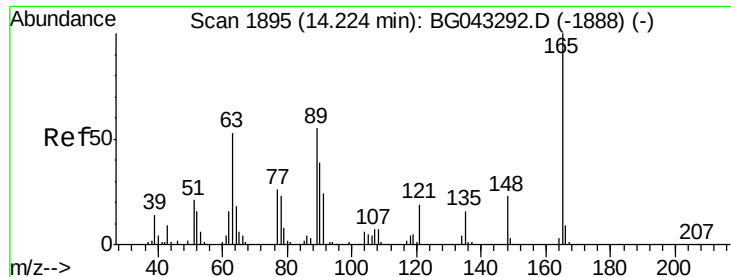
Acq: 6 Nov 2019 19:31

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
163	100		243000		
194	5.1	3.8	5.6		
164	11.4	8.9	13.3		



Abundance Ion 163.00 (162.70 to 163.70): E
Ion 194.00 (193.70 to 194.70): E
Ion 164.00 (163.70 to 164.70): E





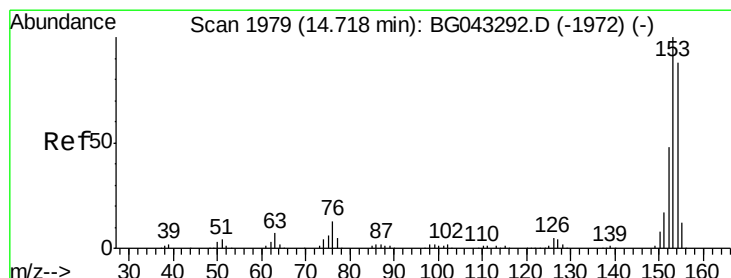
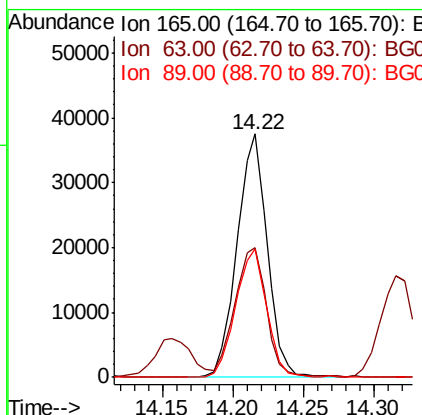
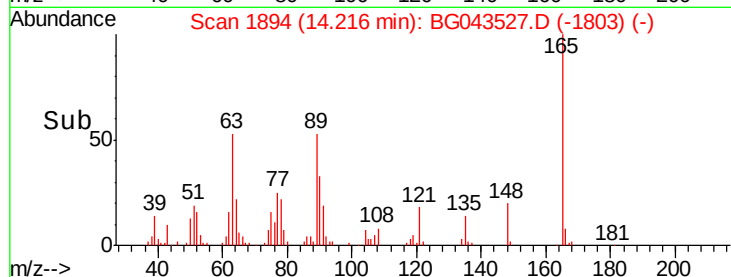
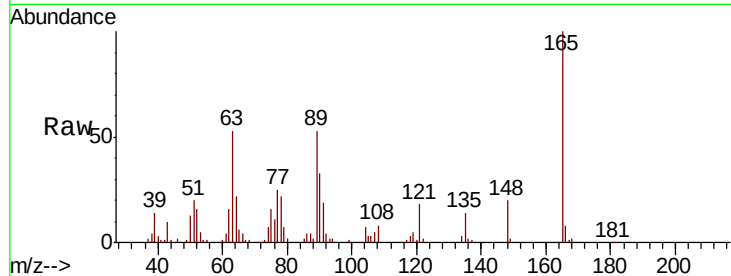
#51
 2,6-Dinitrotoluene
 Concen: 45.112 ng
 RT: 14.22 min Scan# 1894
 Delta R.T. 0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PB124575BSD

Tot Ion:	165	Resp:	55806
Ion Ratio	Lower	Upper	
165	100		
63	53.3	46.6	69.8
89	52.8	45.1	67.7

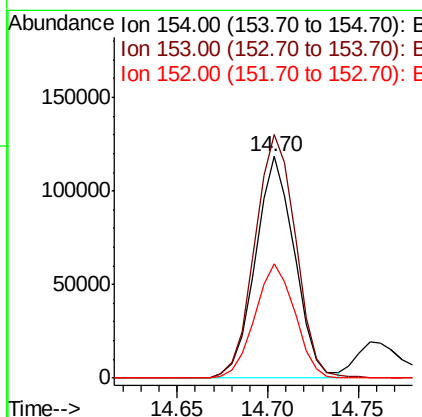
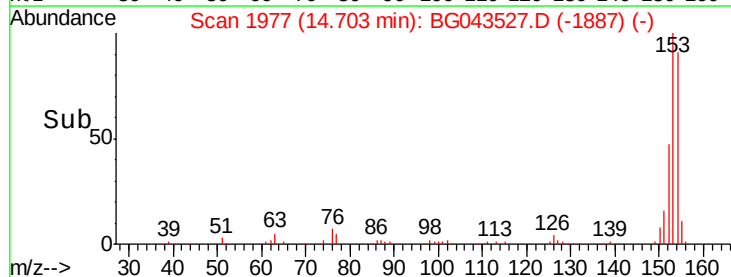
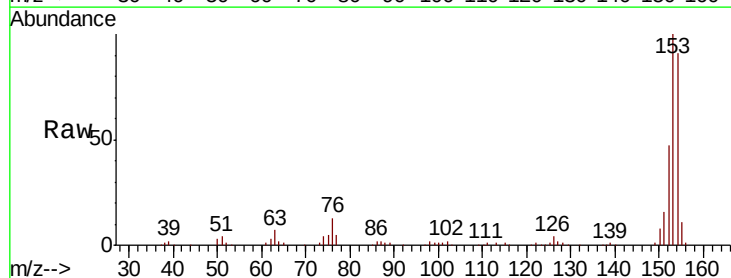
Manual Integrations
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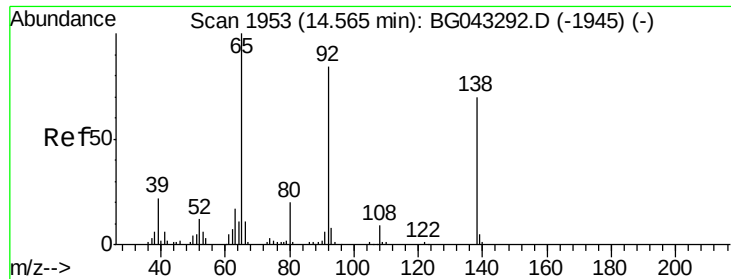
Sohil
 11/8/2019 3:29:54 PM



#52
 Acenaphthene
 Concen: 44.223 ng
 RT: 14.70 min Scan# 1977
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion:	154	Resp:	178601
Ion Ratio	Lower	Upper	
154	100		
153	109.9	88.2	132.2
152	51.8	40.0	60.0





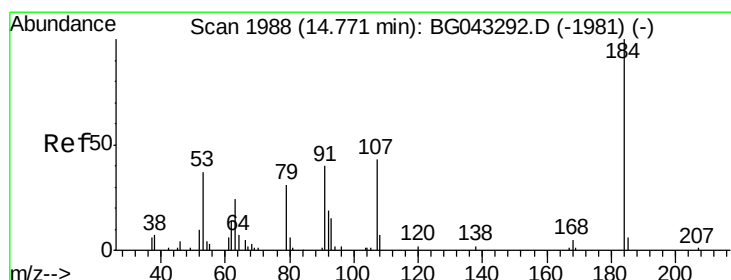
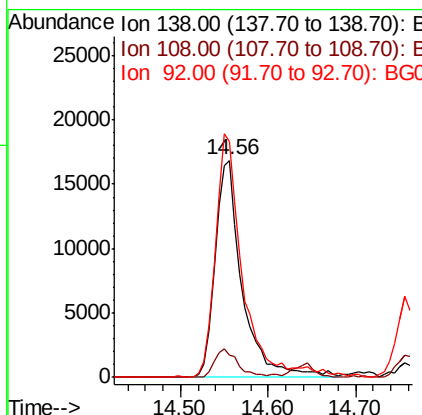
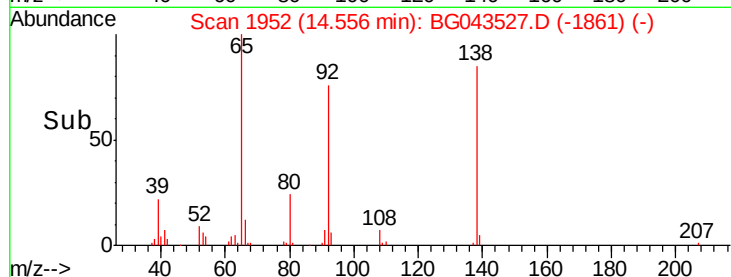
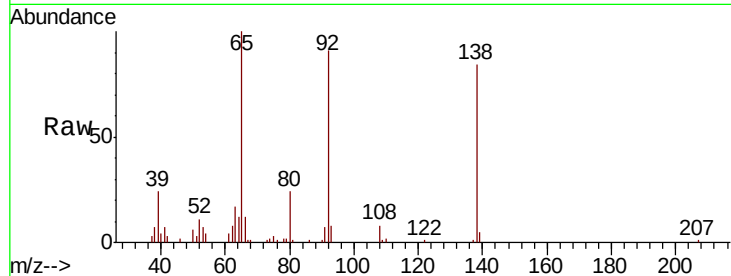
#53
3-Nitroaniline
Concen: 30.095 ng
RT: 14.56 min Scan# 1952
Delta R.T. 0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampled :
PB124575BSD

Tot Ion	Ratio	Lower	Upper
138	100		
108	10.0	8.0	12.0
92	108.4	90.9	136.3

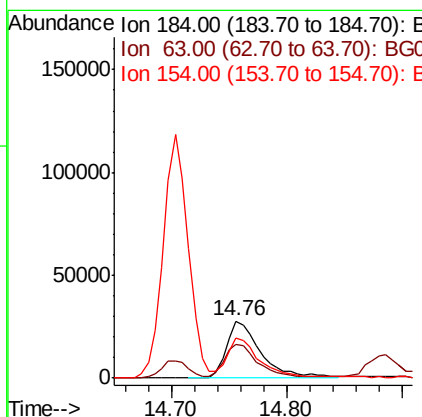
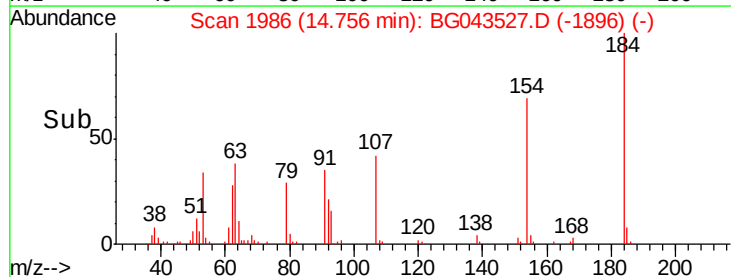
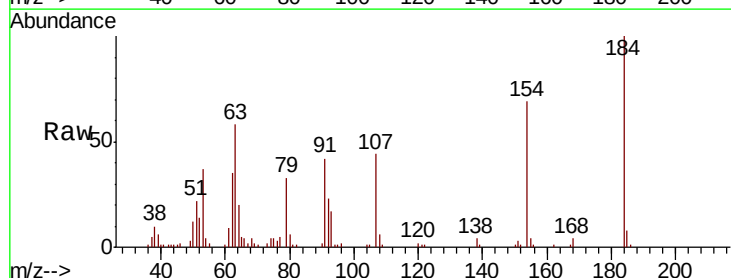
Manual Integrations
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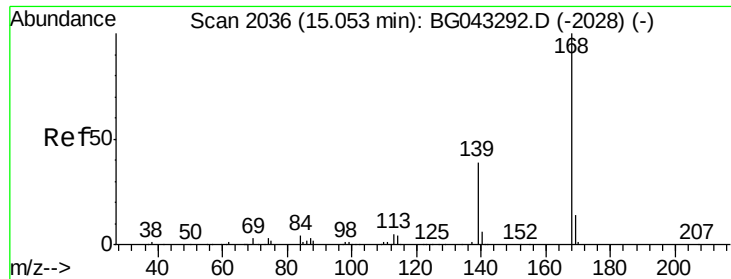
Sohil
11/8/2019 3:29:54 PM



#54
2,4-Dinitrophenol
Concen: 75.061 ng
RT: 14.76 min Scan# 1986
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
184	100		
63	58.3	51.3	76.9
154	69.0	55.4	83.0





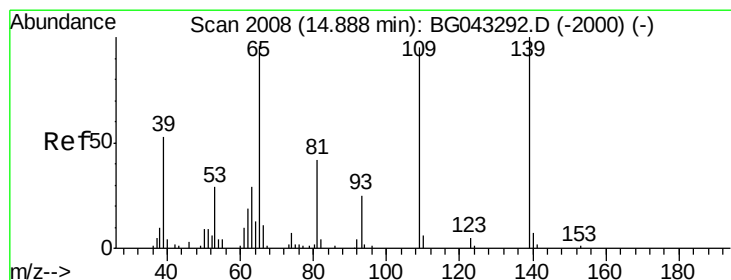
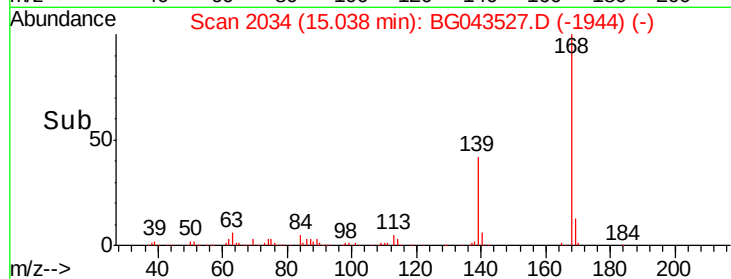
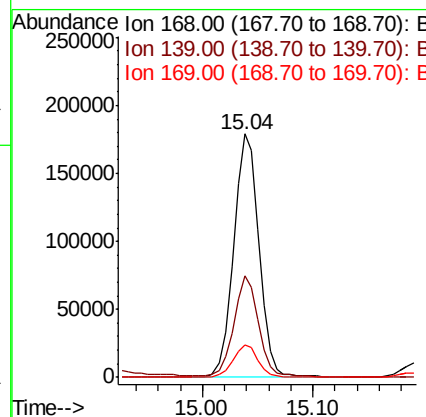
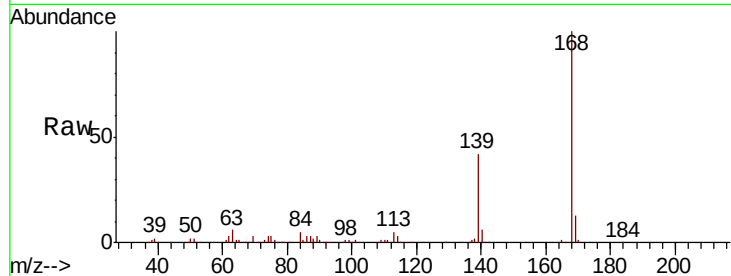
#55
Dibenzofuran
Concen: 43.932 ng
RT: 15.04 min Scan# 2034
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :
PB124575BSD

Tot Ion	Ratio	Lower	Upper
168	100		
139	41.5	31.0	46.6
169	13.3	11.7	17.5

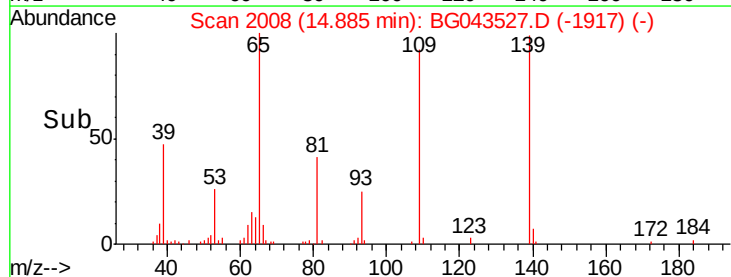
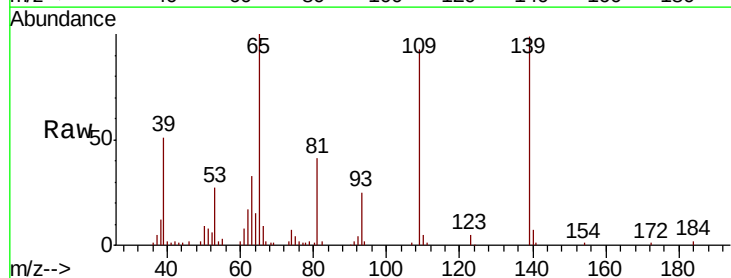
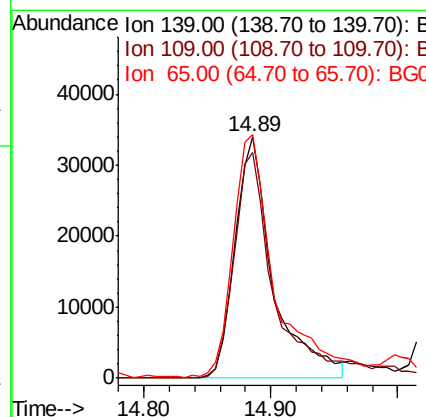
Manual Integrations
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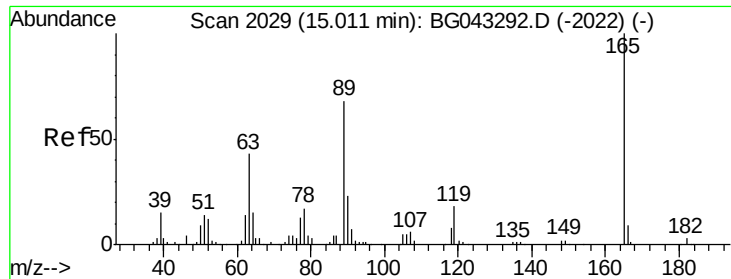
Sohil
11/8/2019 3:29:54 PM



#56
4-Nitrophenol
Concen: 88.086 ng
RT: 14.89 min Scan# 2008
Delta R.T. 0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
139	100		
109	93.4	87.2	127.2
65	100.8	83.8	123.8





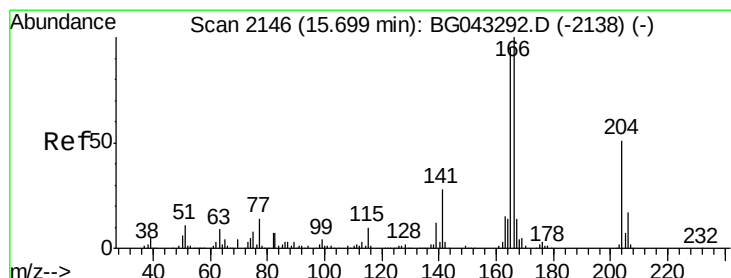
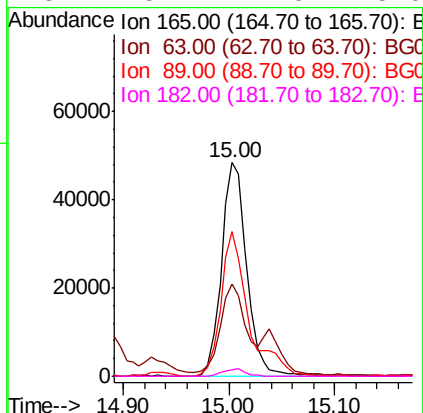
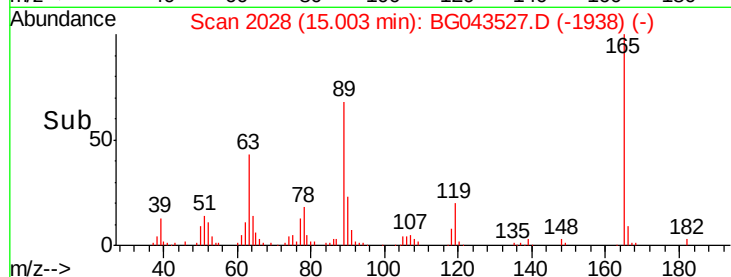
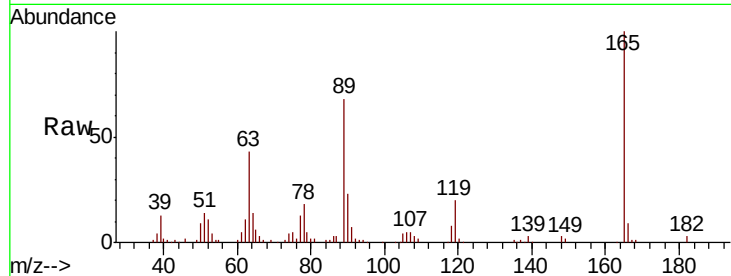
#57
2,4-Dinitrotoluene
Concen: 45.086 ng
RT: 15.00 min Scan# 2028
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :
PB124575BSD

Tot Ion	Ratio	Lower	Upper
165	100		
63	43.4	33.2	49.8
89	67.8	52.2	78.4
182	3.1	2.0	3.0#

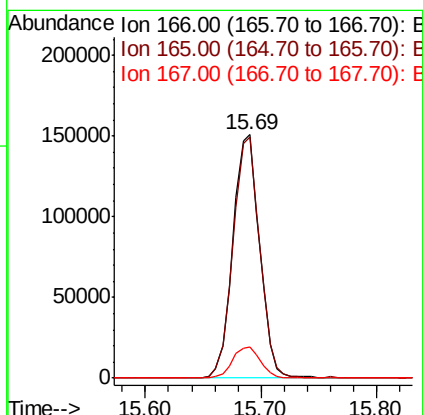
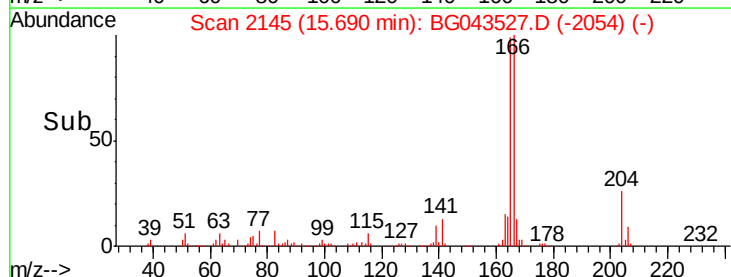
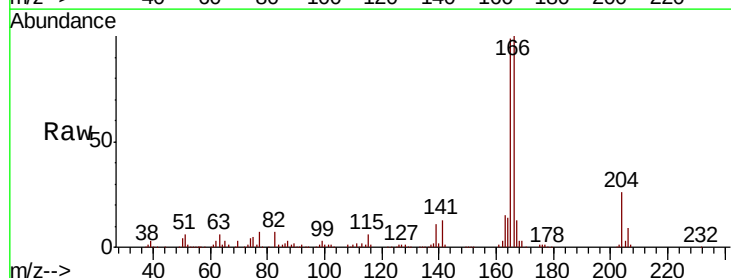
Manual Integrations
APPROVED

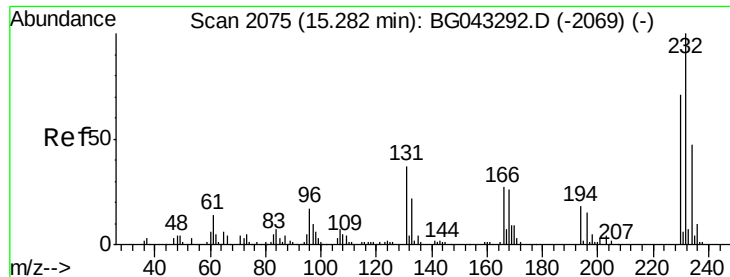
Sohil
11/8/2019 3:29:54 PM



#58
Fluorene
Concen: 44.169 ng
RT: 15.69 min Scan# 2145
Delta R.T. 0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
166	100		
165	99.2	79.0	118.6
167	12.8	10.5	15.7





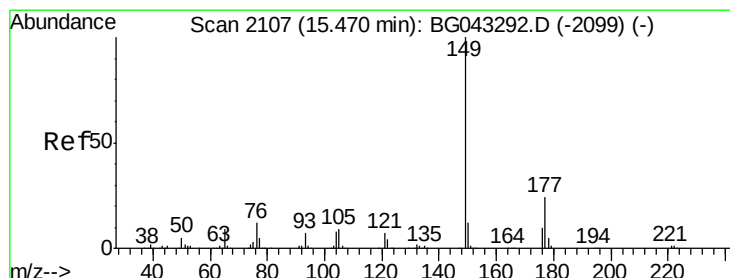
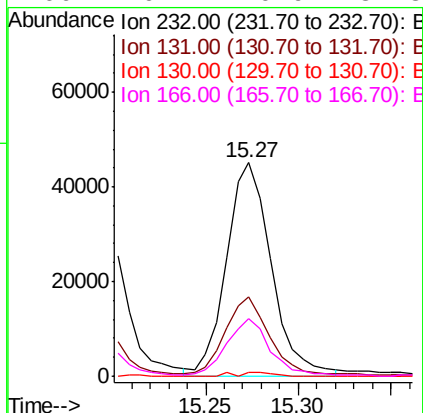
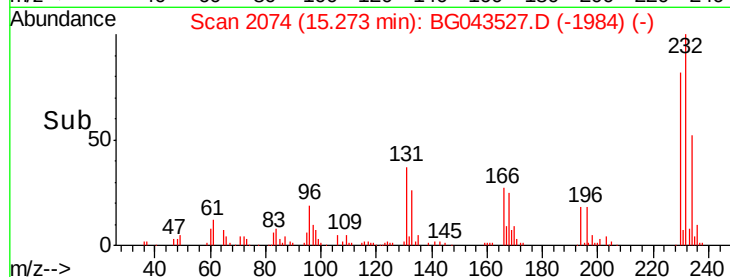
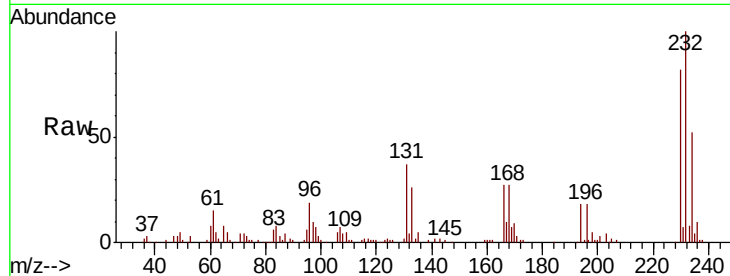
#59
 2,3,4,6-Tetrachlorophenol
 Concen: 44.464 ng m
 RT: 15.27 min Scan# 2074
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PB124575BSD

Tot Ion	Ratio	Lower	Upper
232	100		
131	31.4	26.9	40.3
130	1.9	1.8	2.6
166	20.7	20.9	31.3#

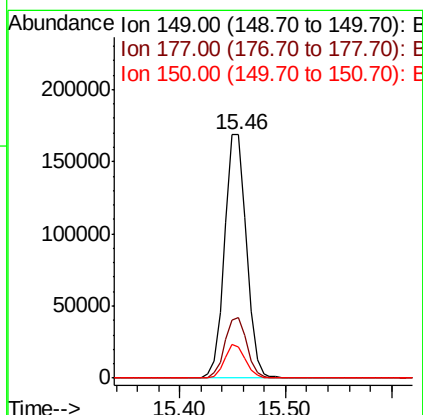
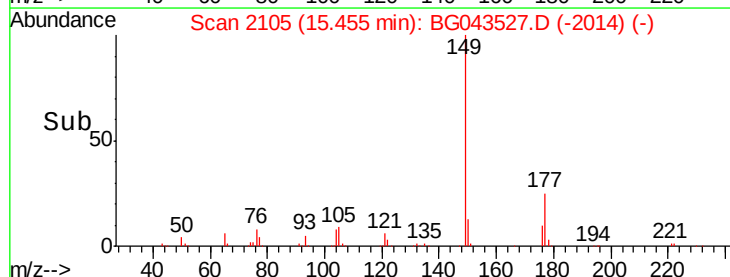
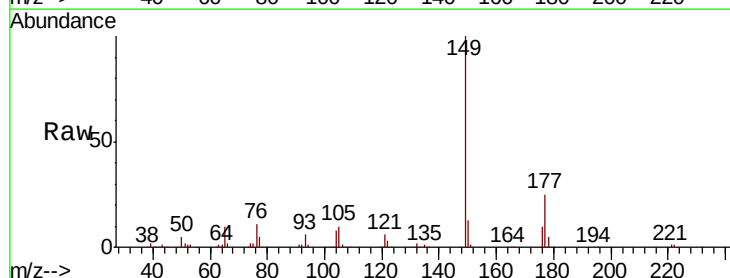
Manual Integrations
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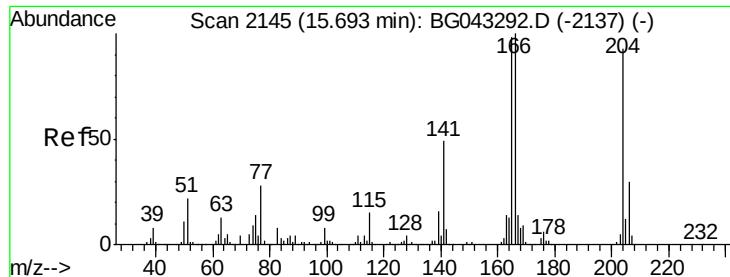
Sohil
 11/8/2019 3:29:54 PM



#60
 Diethylphthalate
 Concen: 42.164 ng
 RT: 15.46 min Scan# 2105
 Delta R.T. 0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
149	100		
177	24.8	19.6	29.4
150	12.6	10.8	16.2





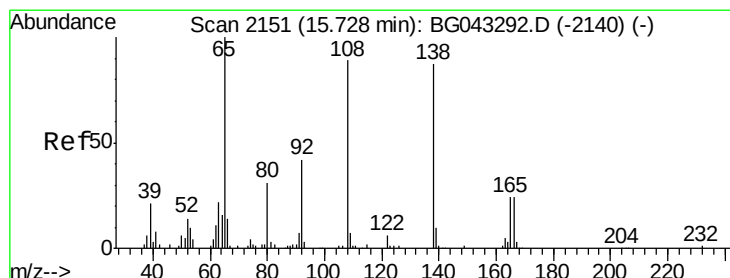
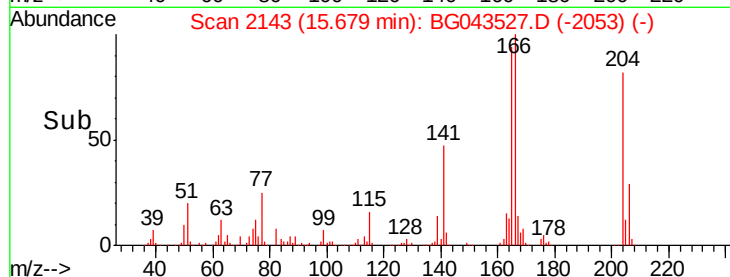
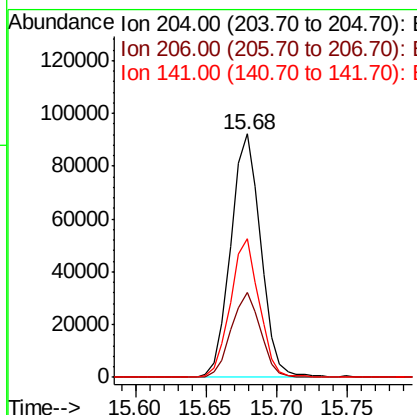
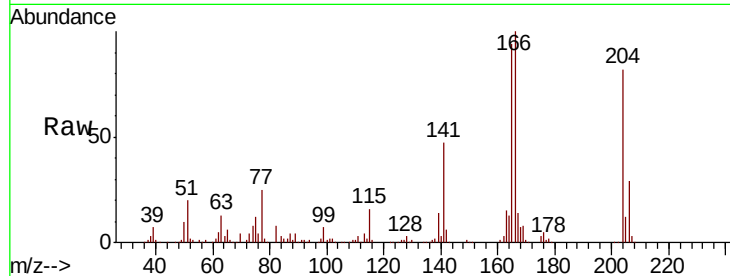
#61
 4-Chlorophenyl-phenylether
 Concen: 42.638 ng
 RT: 15.68 min Scan# 2143
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PB124575BSD

Tot Ion:	204	Resp:	136636
Ion Ratio	Lower	Upper	
204	100		
206	34.9	28.4	42.6
141	57.0	43.0	64.6

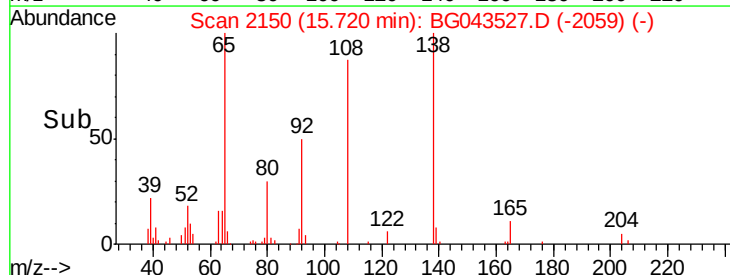
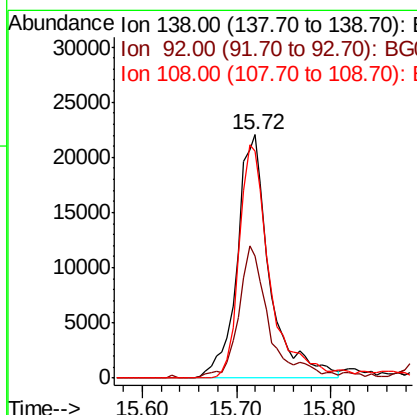
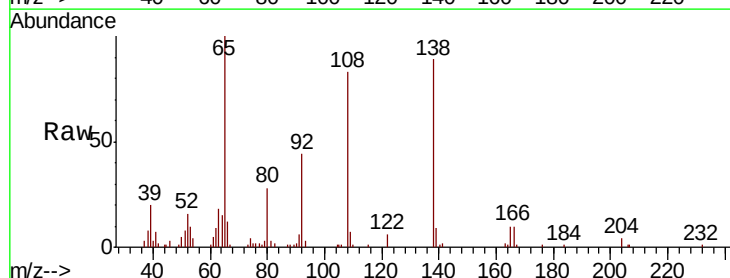
Manual Integrations
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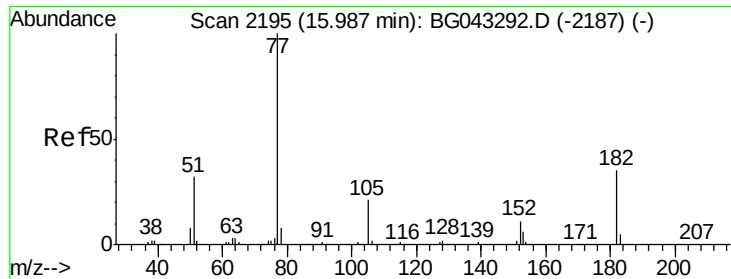
Sohil
 11/8/2019 3:29:54 PM



#62
 4-Nitroaniline
 Concen: 42.779 ng
 RT: 15.72 min Scan# 2150
 Delta R.T. 0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion:	138	Resp:	52766
Ion Ratio	Lower	Upper	
138	100		
92	50.0	33.4	73.4
108	93.4	78.0	118.0





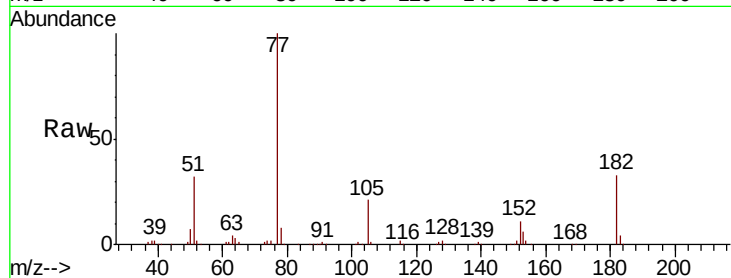
#63
Azobenzene
Concen: 44.178 ng
RT: 15.97 min Scan# 2193
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :
PB124575BSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
77	100		204564		
182	33.1	13.7	53.7		
105	20.8	0.4	40.4		
51	31.7	11.0	51.0		

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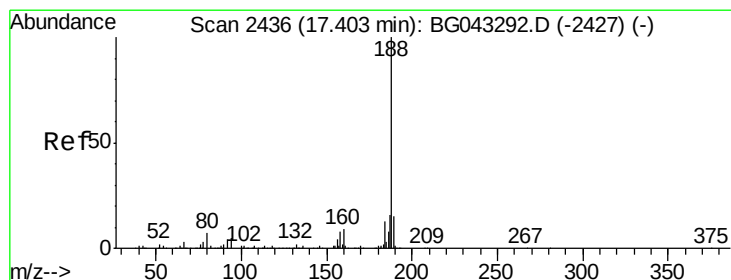
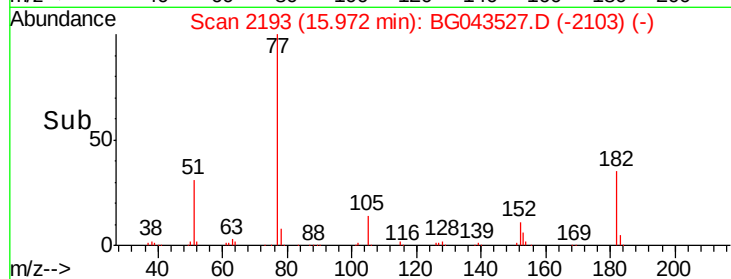
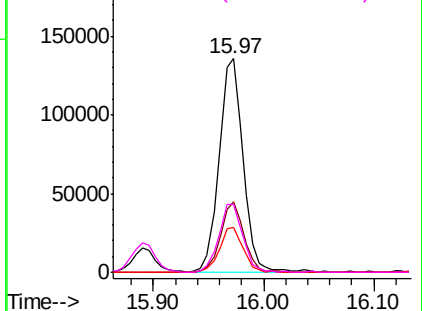
Abundance

Ion 77.00 (76.70 to 77.70): BGC

Ion 182.00 (181.70 to 182.70): BGC

Ion 105.00 (104.70 to 105.70): BGC

Ion 51.00 (50.70 to 51.70): BGC



#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.39 min Scan# 2434
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

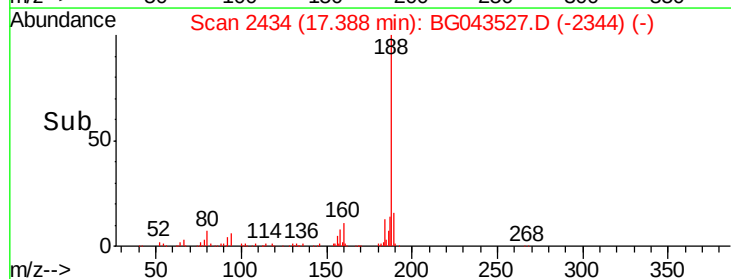
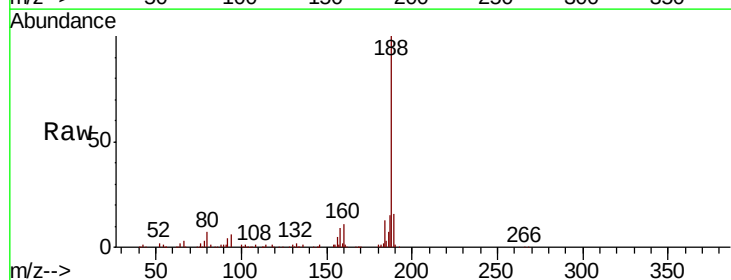
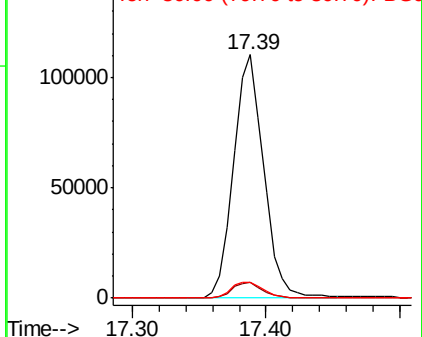
Tgt Ion	Ion	Ratio	Resp	Lower	Upper
188	100		173095		
94	6.4	4.2	6.4#		
80	6.5	4.5	6.7		

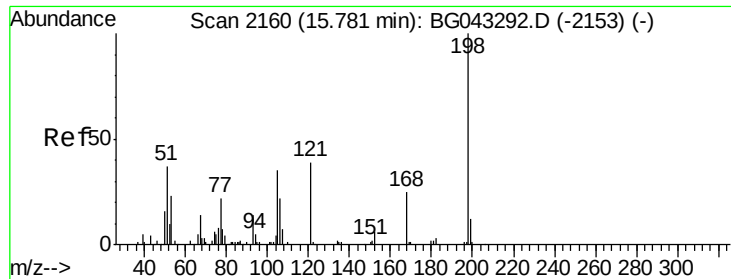
Abundance

Ion 188.00 (187.70 to 188.70): BGC

Ion 94.00 (93.70 to 94.70): BGC

Ion 80.00 (79.70 to 80.70): BGC





#65

4,6-Dinitro-2-methylphenol

Concen: 47.808 ng

RT: 15.77 min Scan# 2159

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

ClientSampleId :

PB124575BSD

Tot Ion:198 Resp: 48700

Ion Ratio Lower Upper

198 100

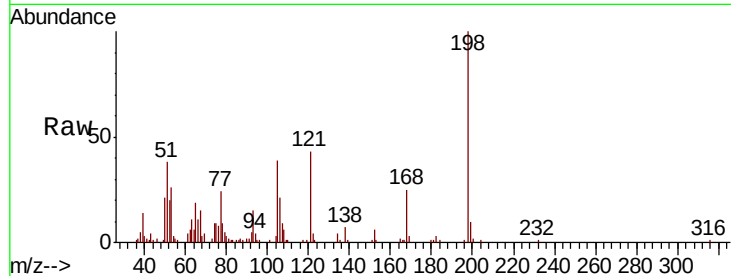
51 38.1 13.2 53.2

105 38.7 15.8 55.8

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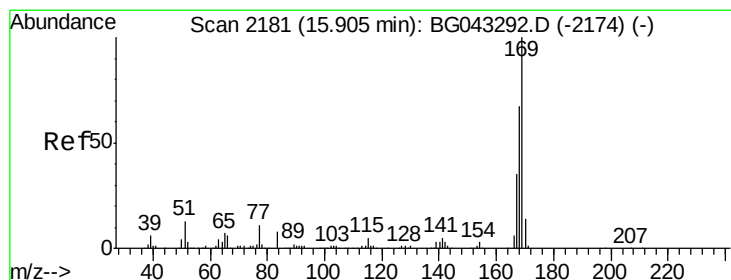
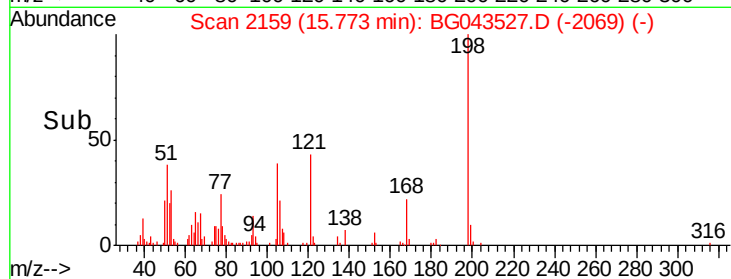
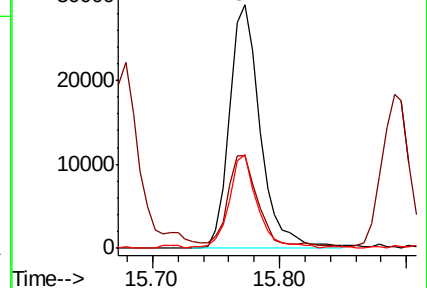
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Abundance Ion 198.00 (197.70 to 198.70): E

Ion 51.00 (50.70 to 51.70): BG

Ion 105.00 (104.70 to 105.70): E



#66

n-Nitrosodiphenylamine

Concen: 44.855 ng

RT: 15.90 min Scan# 2180

Delta R.T. 0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

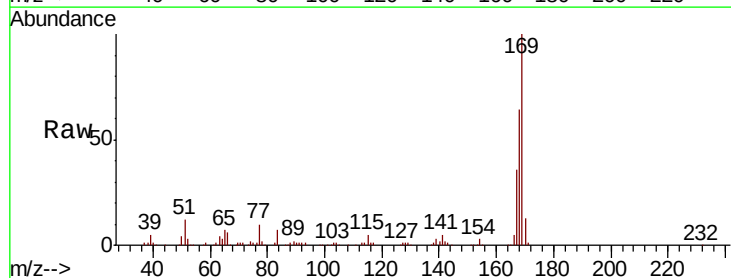
Tgt Ion:169 Resp: 219205

Ion Ratio Lower Upper

169 100

168 64.1 53.8 80.6

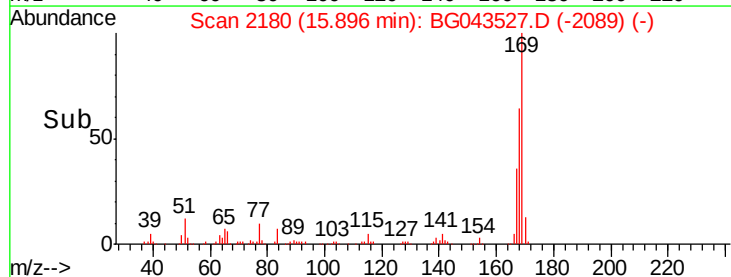
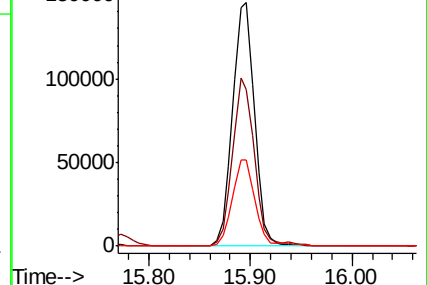
167 35.6 27.5 41.3

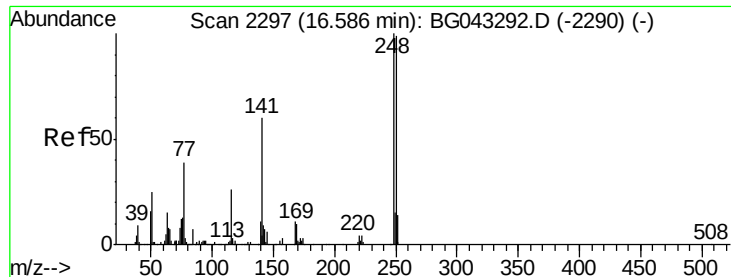


Abundance Ion 169.00 (168.70 to 169.70): E

Ion 168.00 (167.70 to 168.70): E

Ion 167.00 (166.70 to 167.70): E





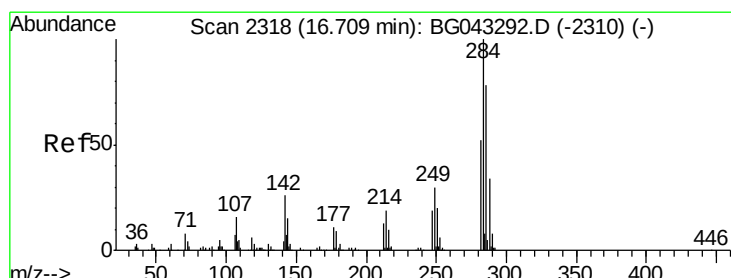
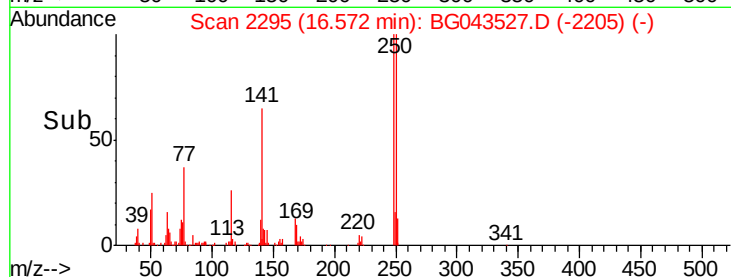
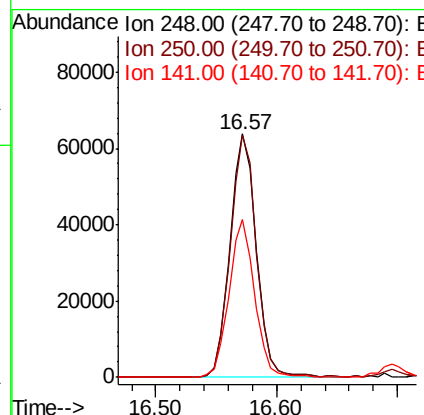
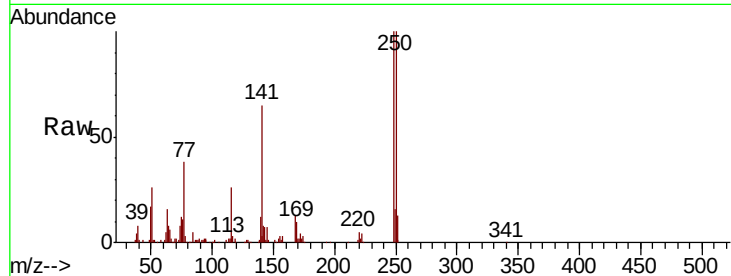
#67
4-Bromophenyl-phenylether
Concen: 41.393 ng
RT: 16.57 min Scan# 2295
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :
PB124575BSD

Tot Ion	Ratio	Lower	Upper
248	100		
250	99.7	77.0	115.4
141	64.6	47.5	71.3

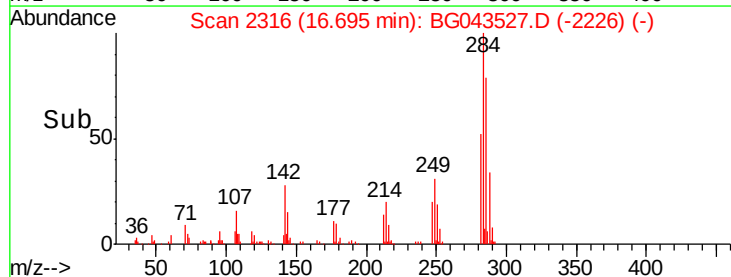
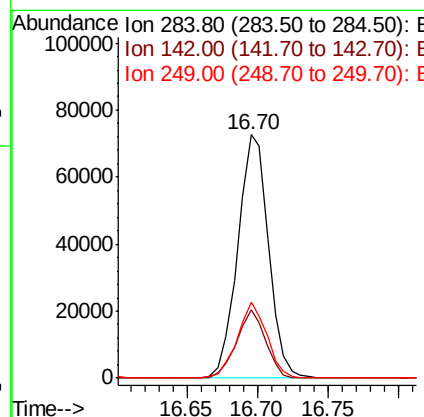
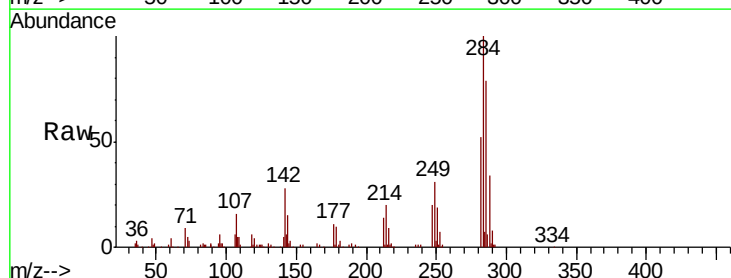
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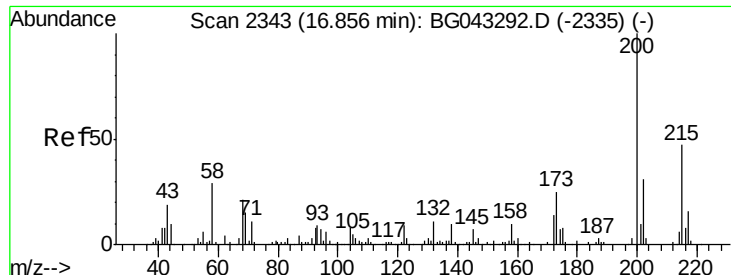
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#68
Hexachlorobenzene
Concen: 41.184 ng
RT: 16.70 min Scan# 2316
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
284	100		
142	28.2	19.8	29.8
249	31.3	23.8	35.6





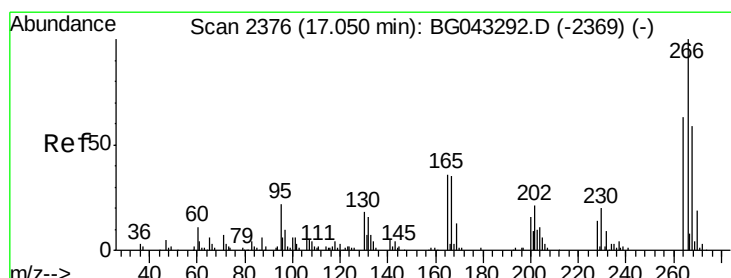
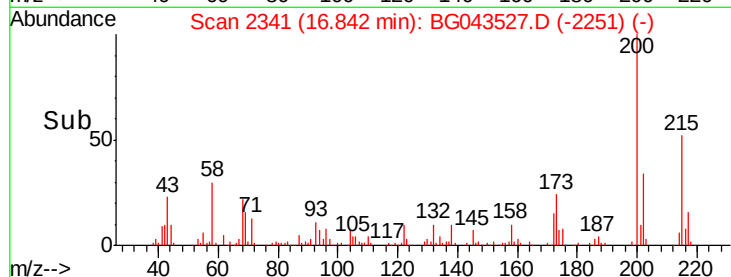
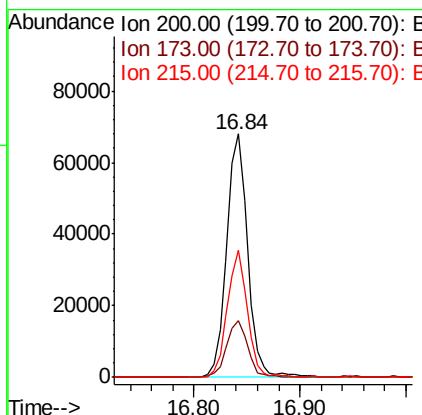
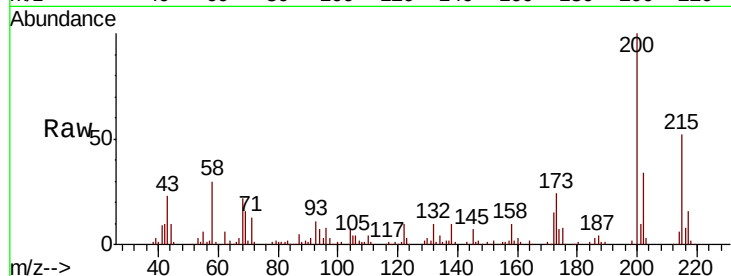
#69
Atrazine
Concen: 55.147 ng
RT: 16.84 min Scan# 2341
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :
PB124575BSD

Tot Ion	Ratio	Lower	Upper
200	100		
173	23.5	4.7	44.7
215	52.2	28.5	68.5

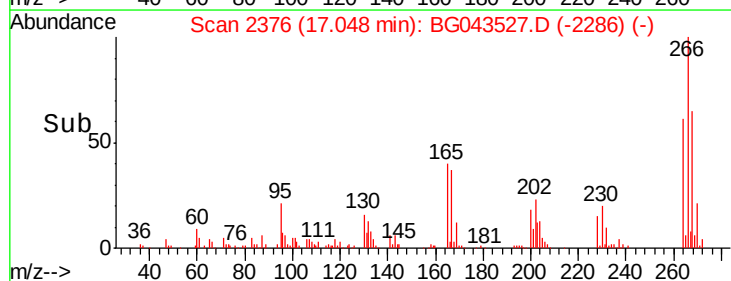
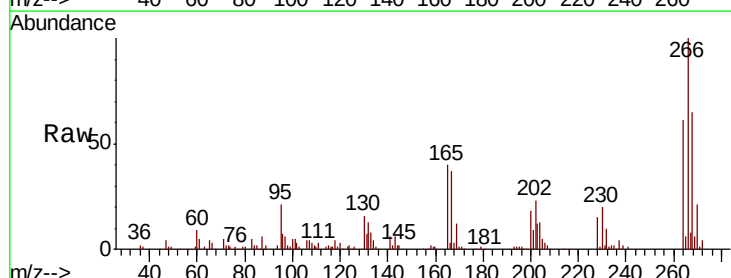
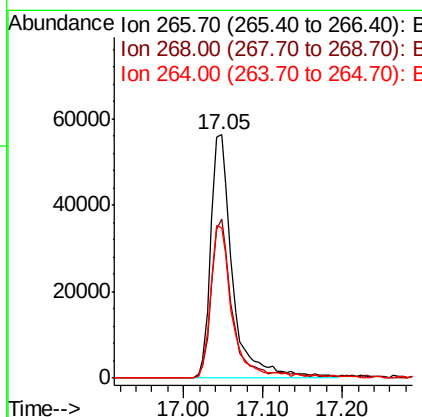
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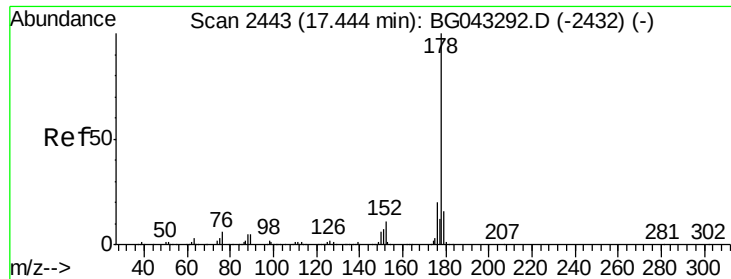
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#70
Pentachlorophenol
Concen: 88.747 ng
RT: 17.05 min Scan# 2376
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
266	100		
268	65.3	50.4	75.6
264	61.4	48.9	73.3





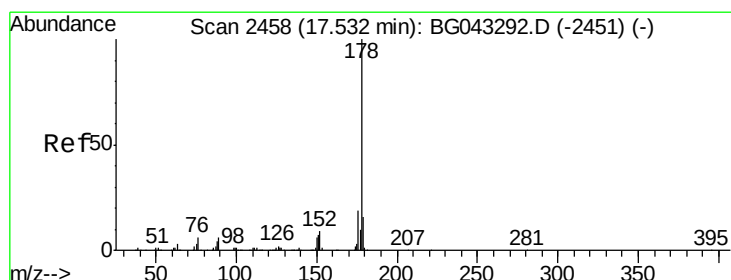
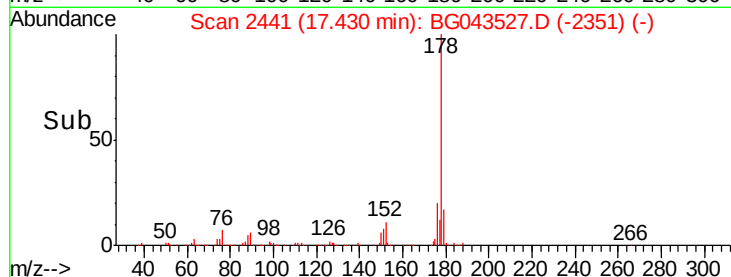
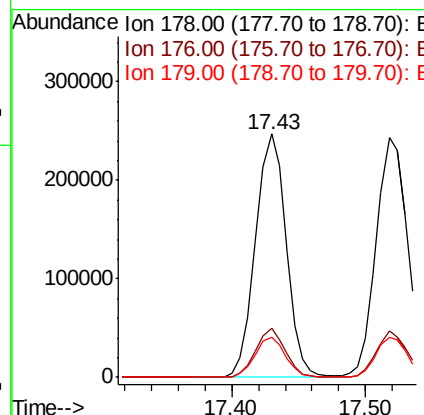
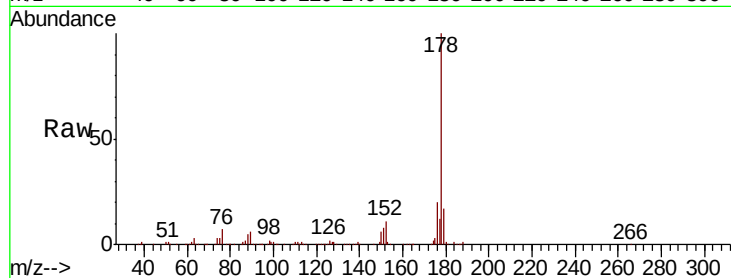
#71
Phenanthrene
Concen: 44.266 ng
RT: 17.43 min Scan# 2441
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :
PB124575BSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.0
179	16.7	13.0	19.6

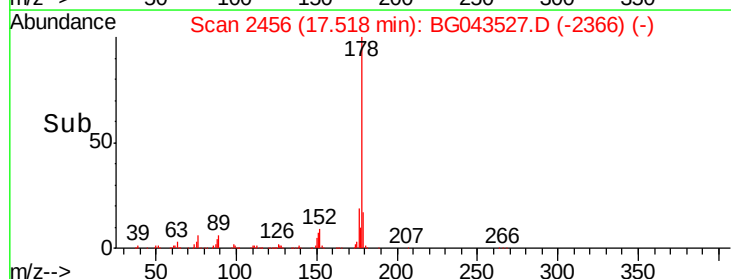
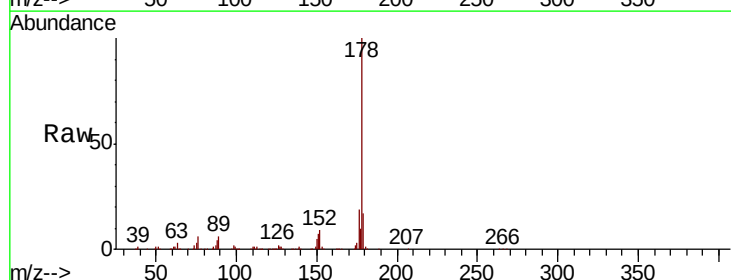
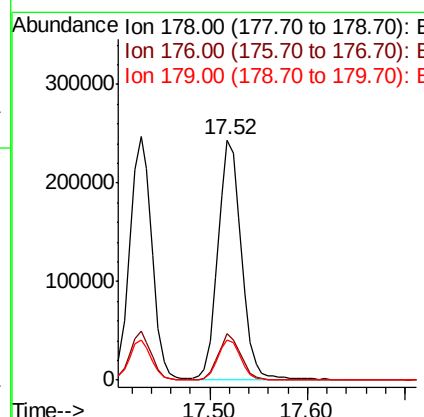
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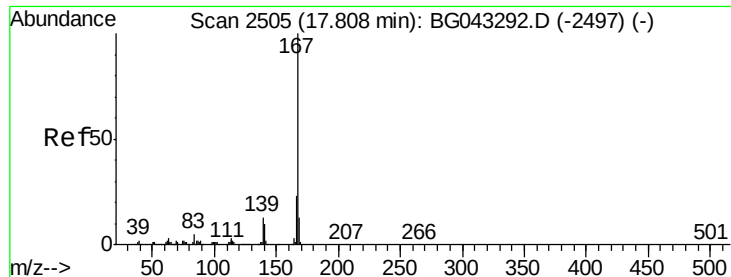
Sohil
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#72
Anthracene
Concen: 45.614 ng
RT: 17.52 min Scan# 2456
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
178	100		
176	19.1	15.5	23.3
179	16.7	13.7	20.5





#73

Carbazole

Concen: 45.235 ng

RT: 17.79 min Scan# 2503

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

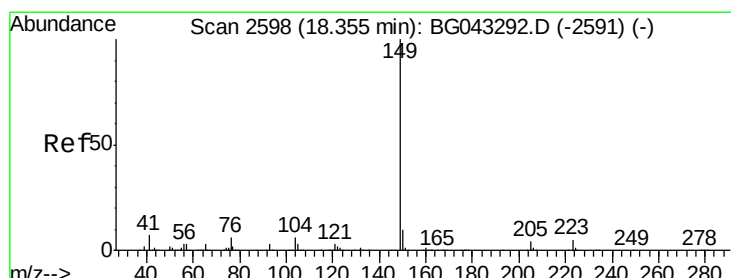
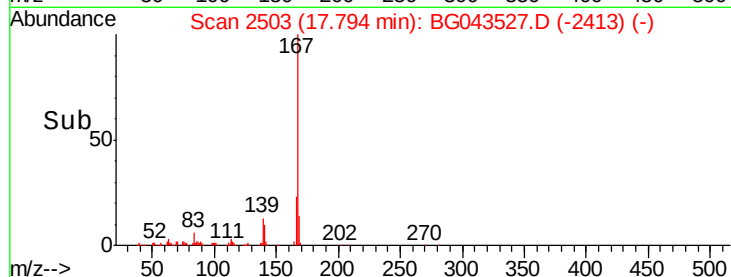
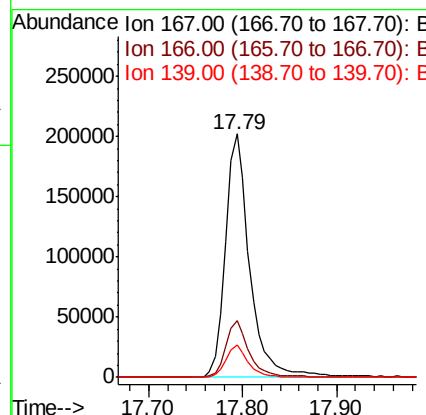
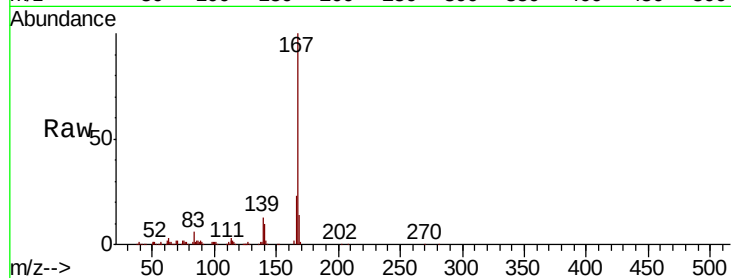
ClientSampleId :

PB124575BSD

Tot Ion:	167	Resp:	363280
Ion Ratio	Lower	Upper	
167	100		
166	23.5	18.7	28.1
139	13.2	10.0	15.0

Manual Integrations
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#74

Di-n-butylphthalate

Concen: 45.053 ng

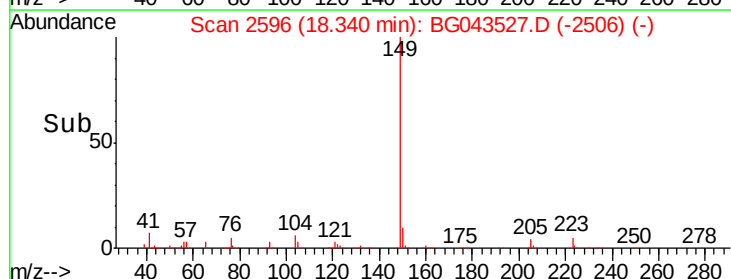
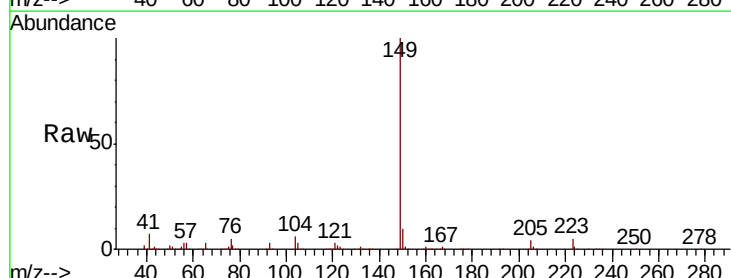
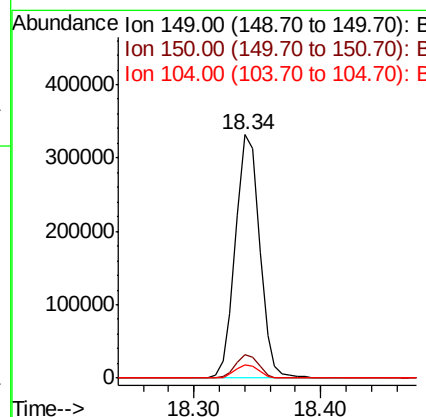
RT: 18.34 min Scan# 2596

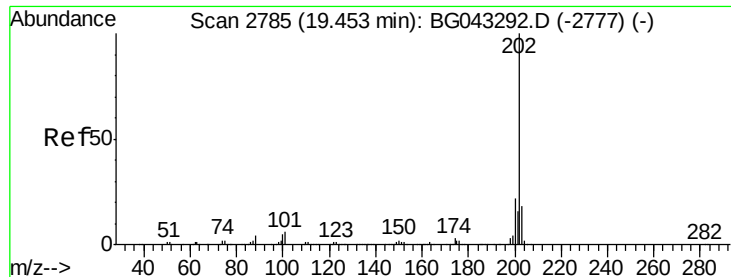
Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Tgt Ion:	149	Resp:	439013
Ion Ratio	Lower	Upper	
149	100		
150	9.7	8.0	12.0
104	5.5	4.4	6.6





#75

Fluoranthene

Concen: 44.717 ng

RT: 19.44 min Scan# 2783

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

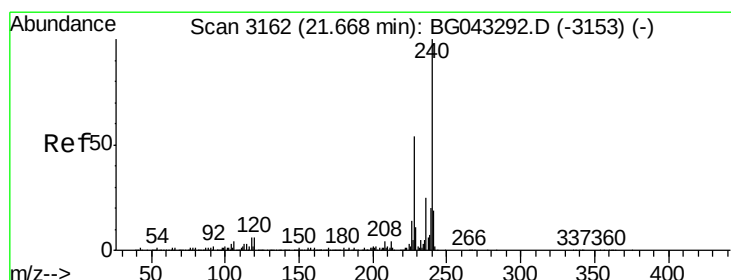
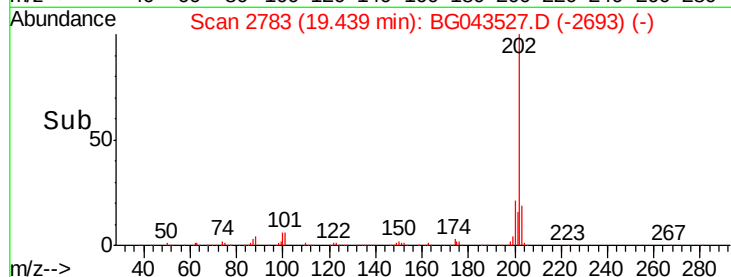
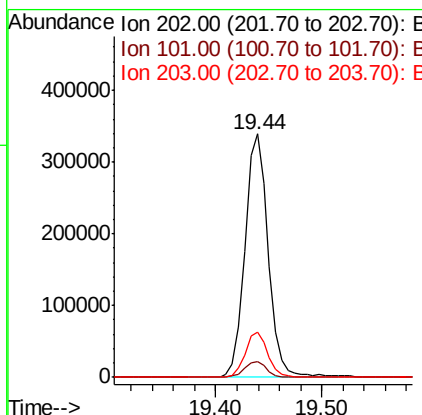
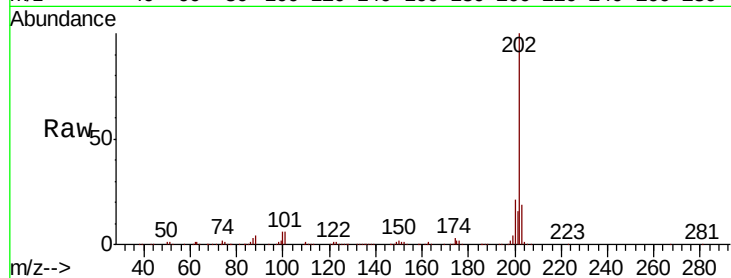
ClientSampleId :

PB124575BSD

Tot Ion:	202	Resp:	516728
Ion Ratio	Lower	Upper	
202	100		
101	6.4	0.0	26.3
203	18.6	0.0	37.9

Manual Integrations
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#76

Chrysene-d12

Concen: 20.000 ng

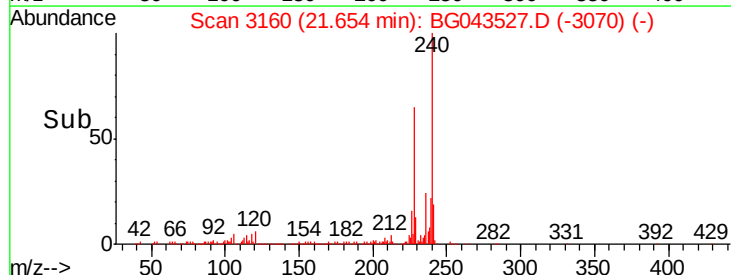
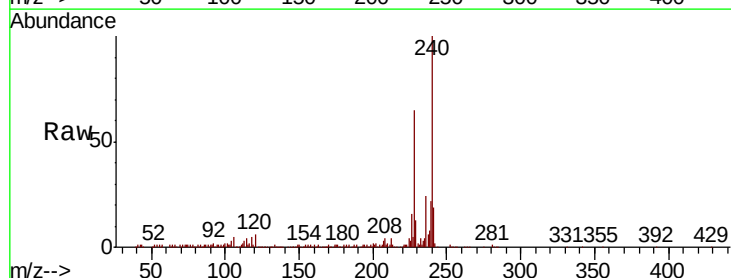
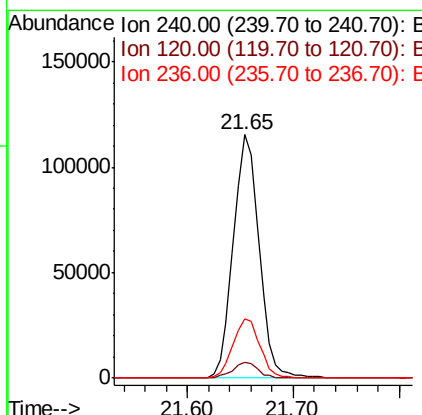
RT: 21.65 min Scan# 3160

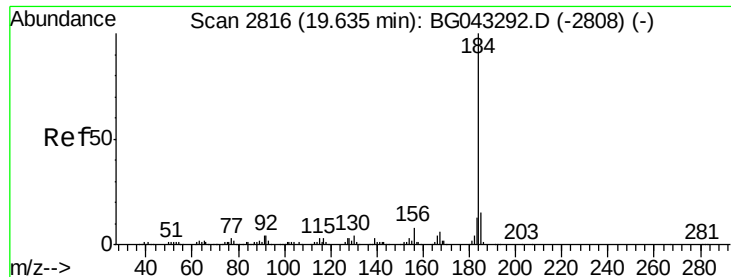
Delta R.T. -0.00 min

Lab File: BG043527.D

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Tgt Ion:	240	Resp:	195023
Ion Ratio	Lower	Upper	
240	100		
120	6.3	4.6	6.8
236	24.5	19.8	29.8





#77

Benzidine

Concen: 39.780 ng

RT: 19.62 min Scan# 2814

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

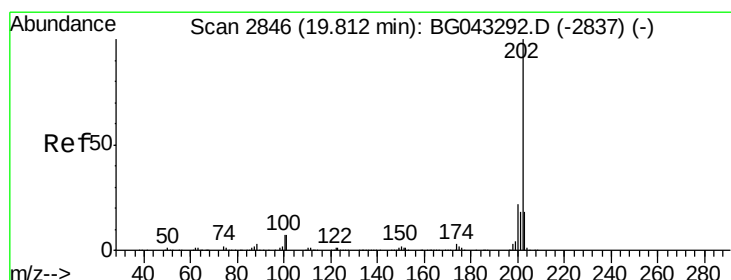
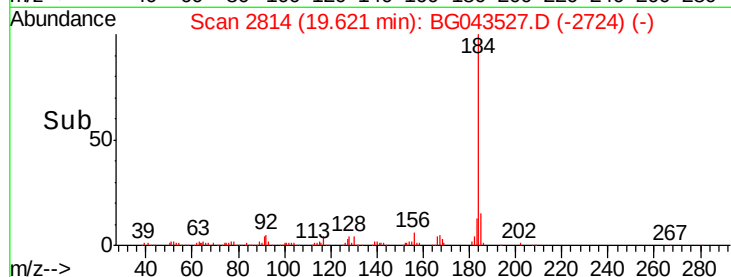
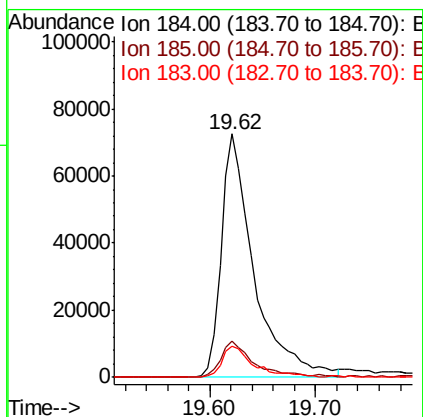
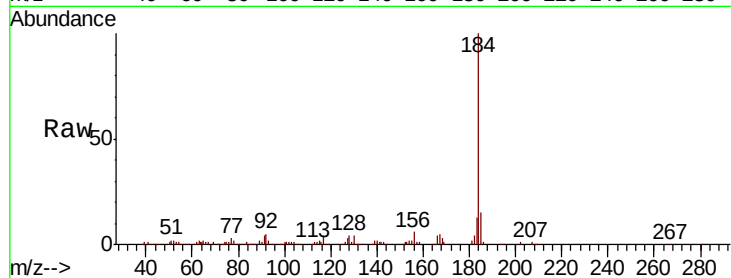
ClientSampleId :

PB124575BSD

Tot Ion:	184	Resp:	156132
Ion Ratio	Lower	Upper	
184	100		
185	14.8	11.0	16.4
183	12.7	10.0	15.0

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#78

Pyrene

Concen: 44.025 ng

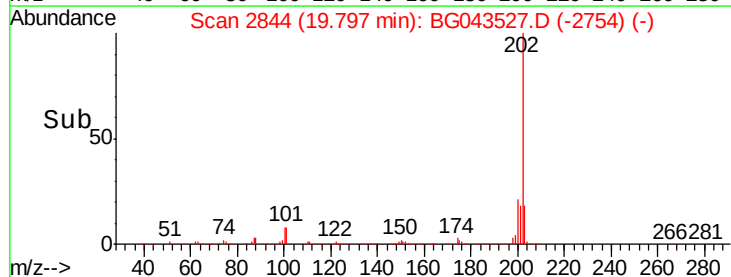
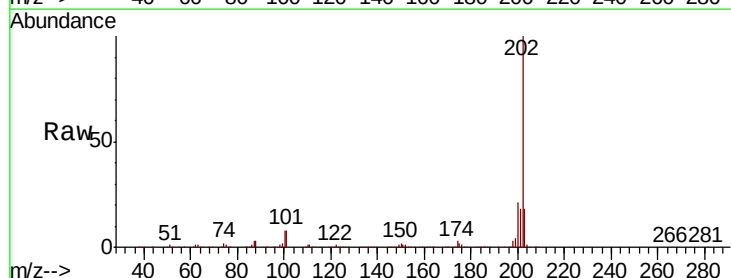
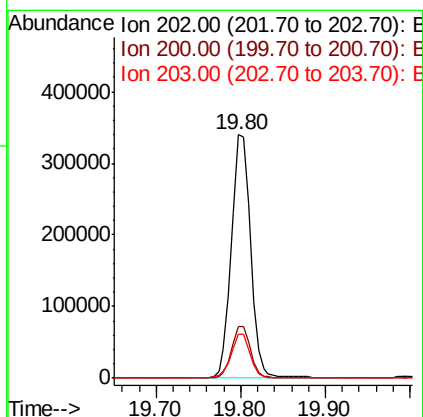
RT: 19.80 min Scan# 2844

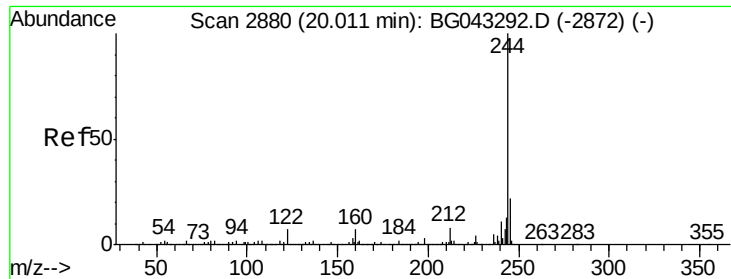
Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Tgt Ion:	202	Resp:	531455
Ion Ratio	Lower	Upper	
202	100		
200	20.9	17.0	25.4
203	18.1	14.7	22.1





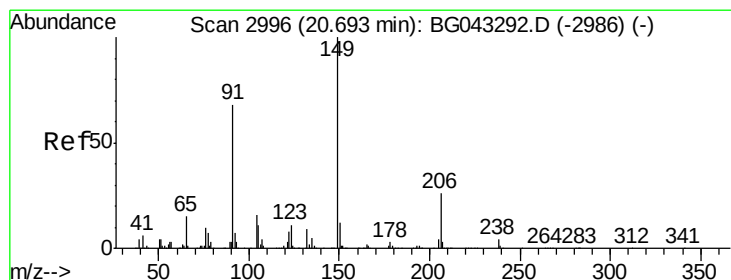
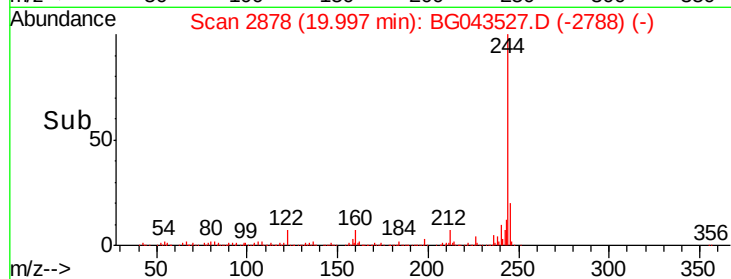
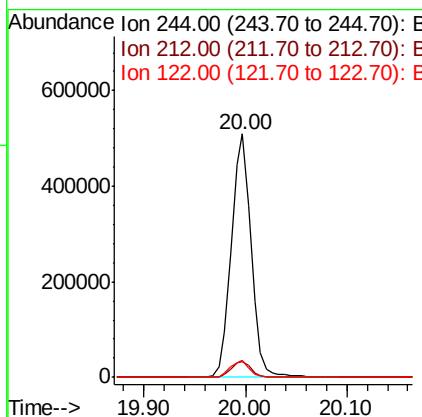
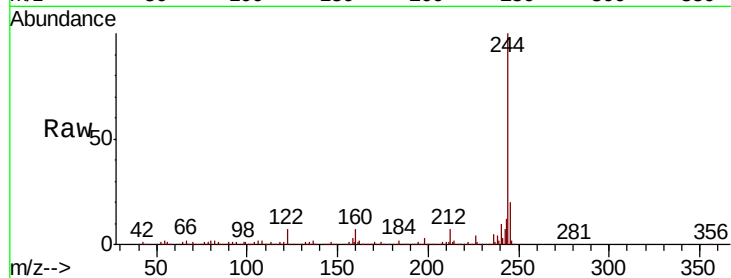
#79
 Terphenyl-d14
 Concen: 66.524 ng
 RT: 20.00 min Scan# 2878
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PB124575BSD

Tot Ion	Ratio	Lower	Upper
244	100		
212	6.6	5.8	8.6
122	6.8	5.4	8.2

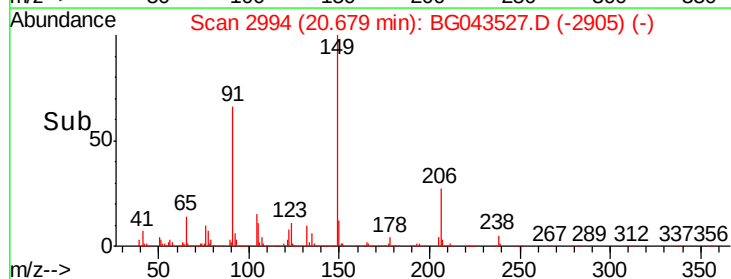
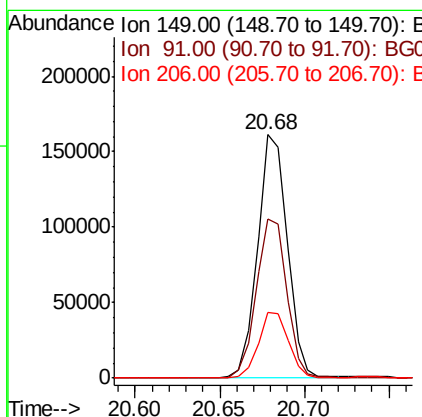
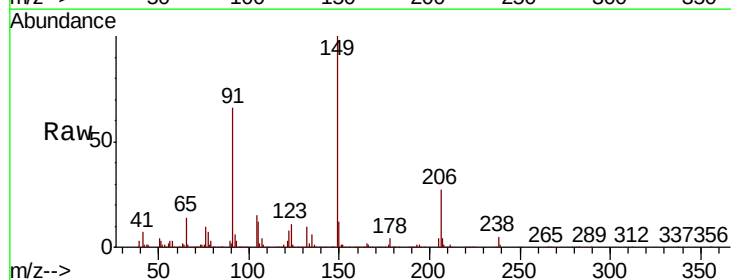
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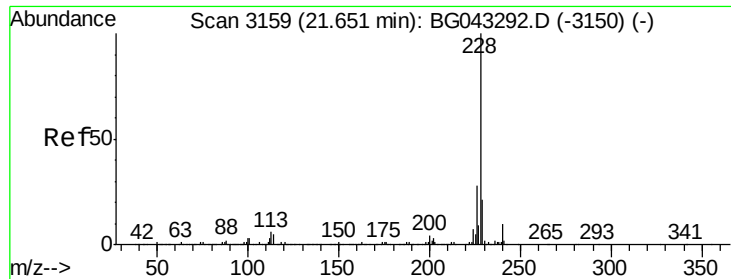
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#80
 Butylbenzylphthalate
 Concen: 43.401 ng
 RT: 20.68 min Scan# 2994
 Delta R.T. -0.01 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
149	100		
91	65.6	51.2	76.8
206	26.8	22.5	33.7





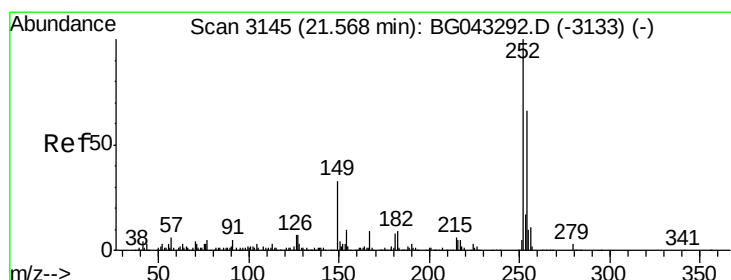
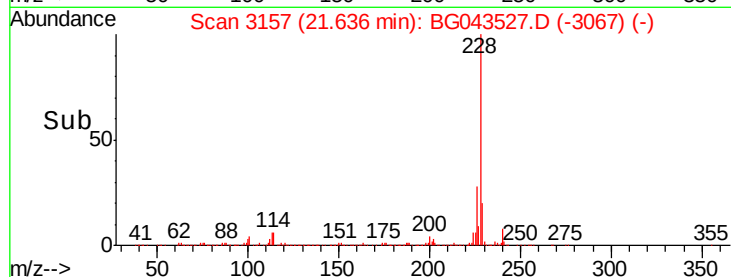
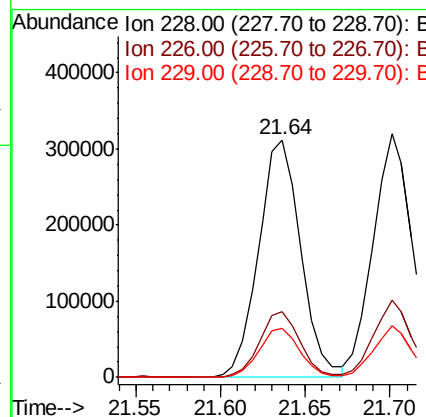
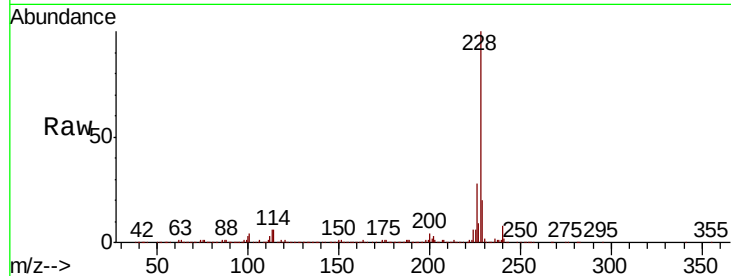
#81
Benzo(a)anthracene
Concen: 44.198 ng
RT: 21.64 min Scan# 3157
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :
PB124575BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	27.7	22.2	33.2
229	20.4	17.0	25.4

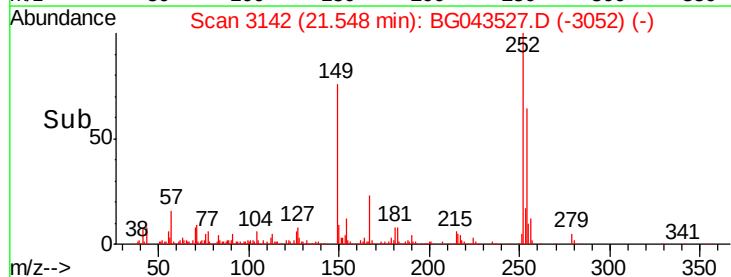
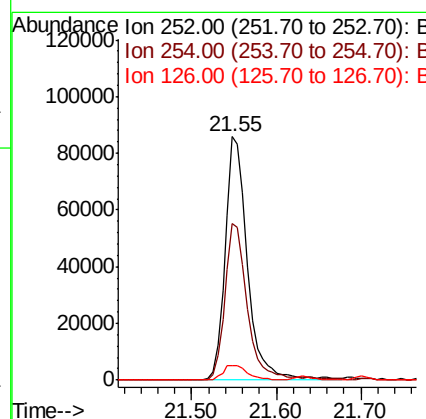
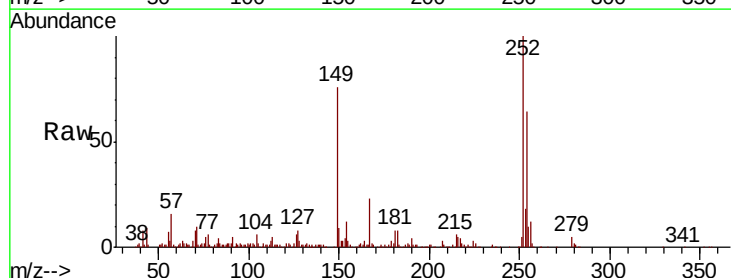
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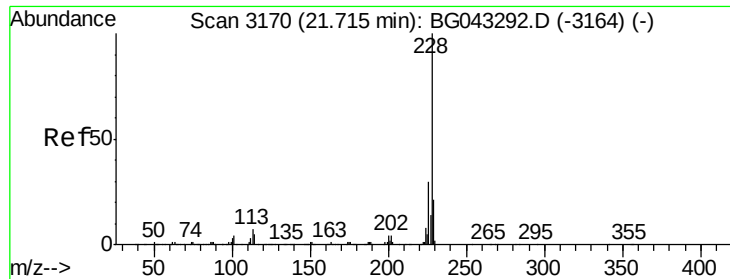
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#82
3,3'-Dichlorobenzidine
Concen: 33.258 ng
RT: 21.55 min Scan# 3142
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
252	100		
254	64.3	50.8	76.2
126	5.9	6.1	9.1





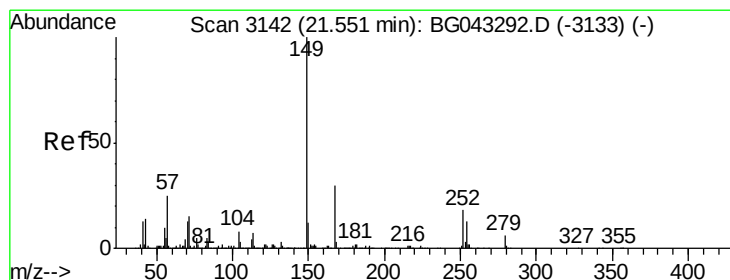
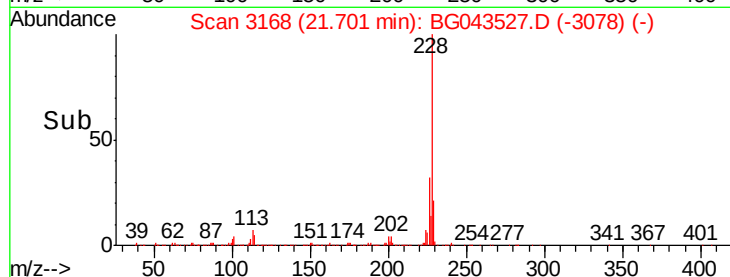
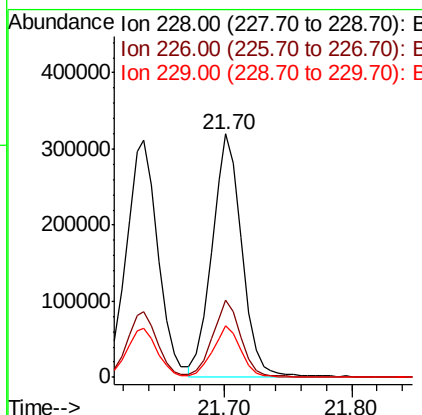
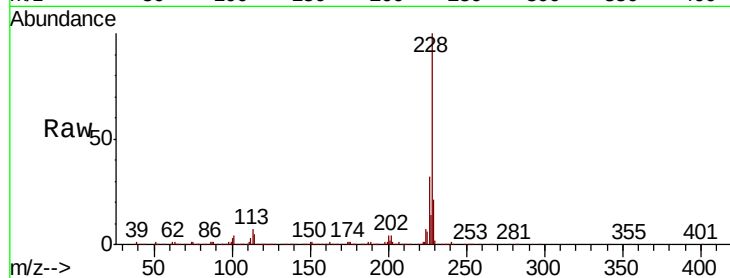
#83
 Chrysene
 Concen: 42.827 ng
 RT: 21.70 min Scan# 3168
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Instrument :
 BNA_G
 ClientSampleId :
 PB124575BSD

Tot Ion	Ratio	Lower	Upper
228	100		
226	31.6	25.1	37.7
229	21.0	17.0	25.4

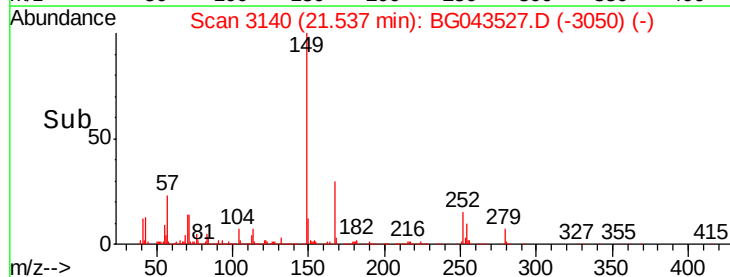
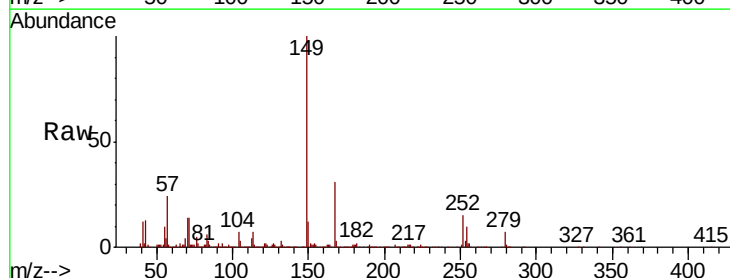
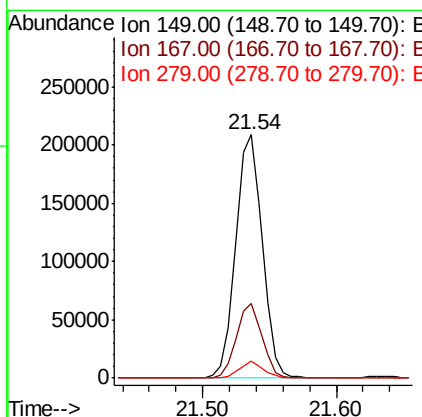
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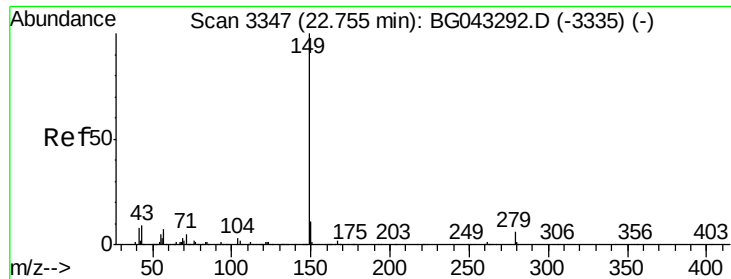
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#84
 Bis(2-ethylhexyl)phthalate
 Concen: 44.062 ng
 RT: 21.54 min Scan# 3140
 Delta R.T. -0.00 min
 Lab File: BG043527.D
 Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
149	100		
167	30.6	24.0	36.0
279	7.1	5.4	8.2





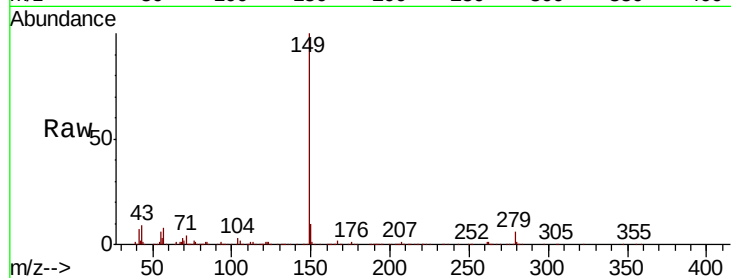
#85
Di-n-octyl phthalate
Concen: 45.041 ng
RT: 22.74 min Scan# 3344
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :
PB124575BSD

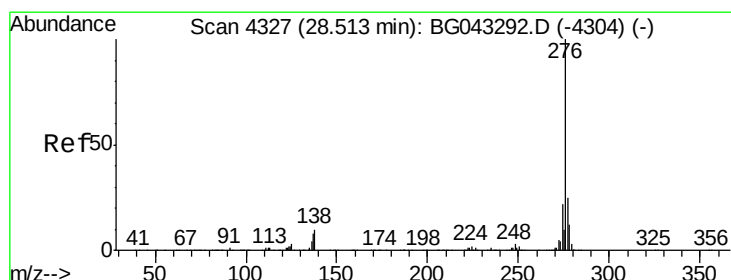
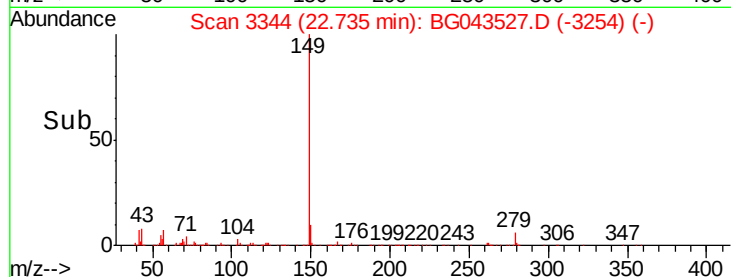
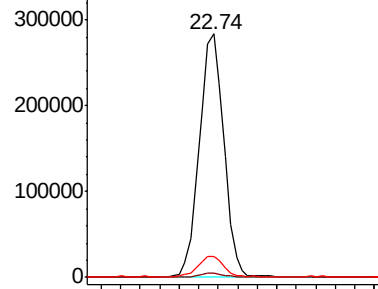
Tot Ion	Ratio	Resp	Lower	Upper
149	100	496452		
167	1.8		1.4	2.2
43	8.6		7.0	10.6

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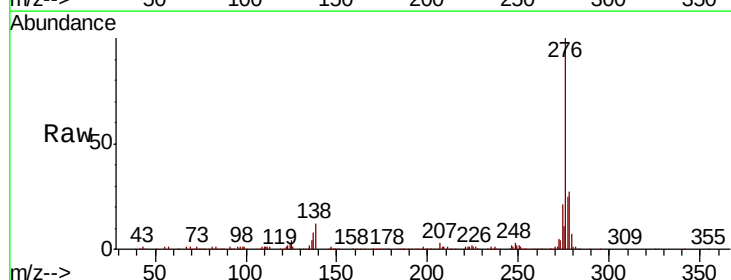


Abundance Ion 149.00 (148.70 to 149.70): E
Ion 167.00 (166.70 to 167.70): E
Ion 43.00 (42.70 to 43.70): BGC

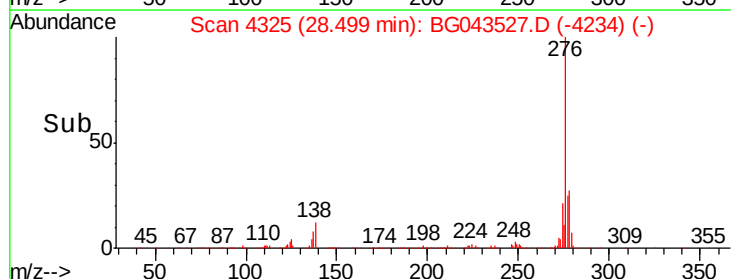
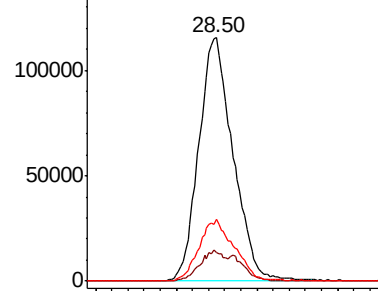


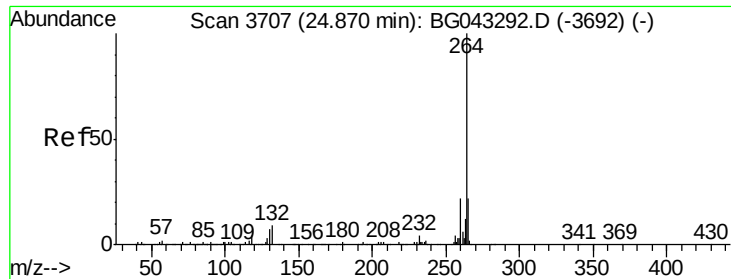
#86
Indeno(1,2,3-cd)pyrene
Concen: 44.740 ng
RT: 28.50 min Scan# 4325
Delta R.T. 0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Resp	Lower	Upper
276	100	681642		
138	9.3		6.8	10.2
277	25.9		20.9	31.3



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





#87

Pervlene-d12

Concen: 20.000 ng

RT: 24.85 min Scan# 3704

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

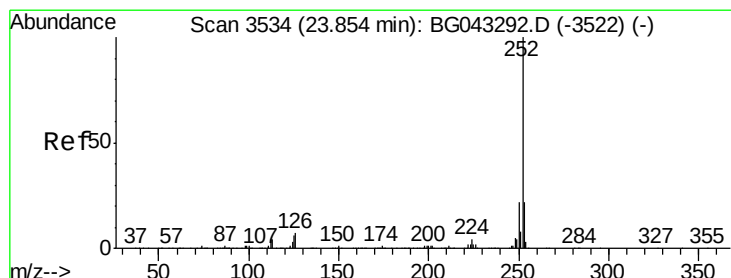
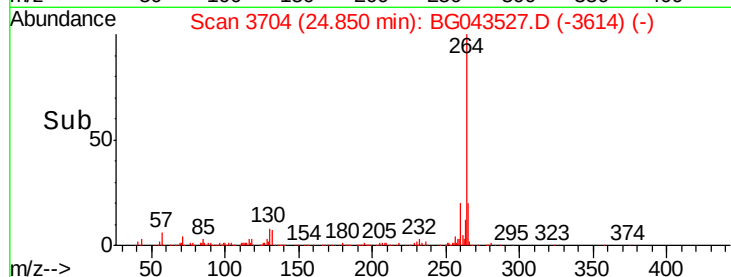
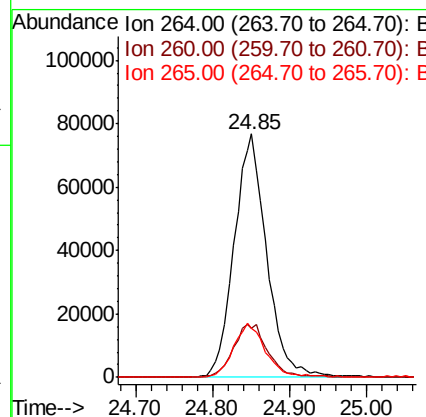
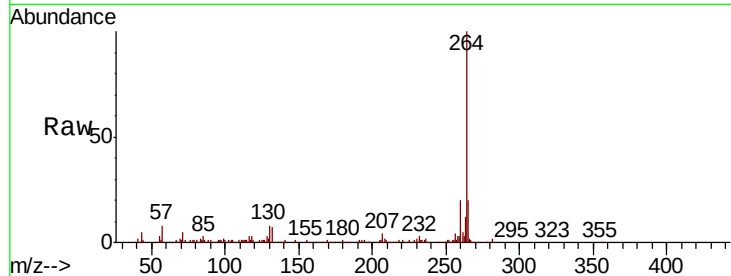
ClientSampleId :

PB124575BSD

Tot Ion:	264	Resp:	225403
Ion Ratio	Lower	Upper	
264	100		
260	20.4	17.5	26.3
265	20.4	17.4	26.0

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#88

Benzo(b)fluoranthene

Concen: 43.421 ng

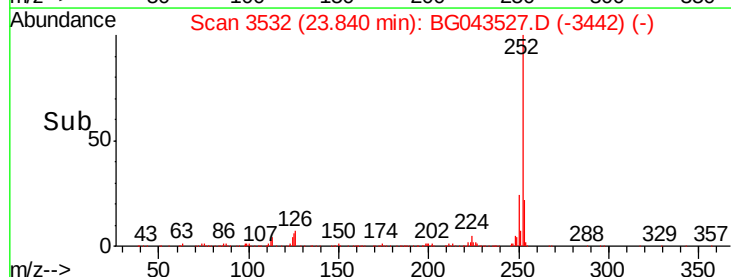
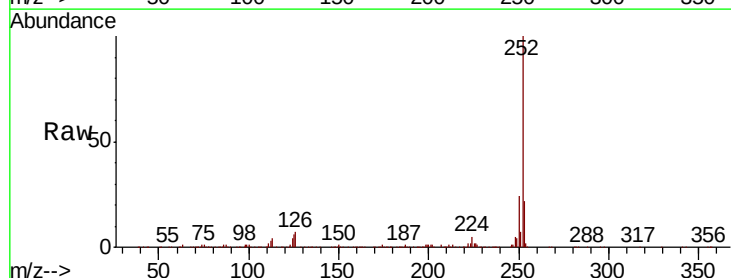
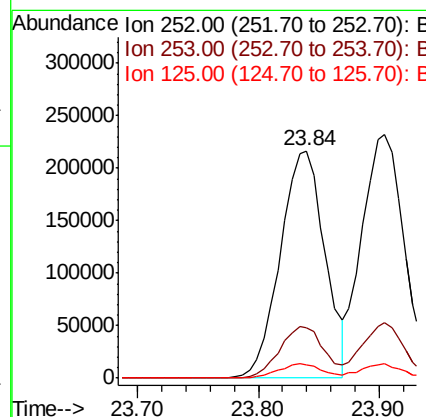
RT: 23.84 min Scan# 3532

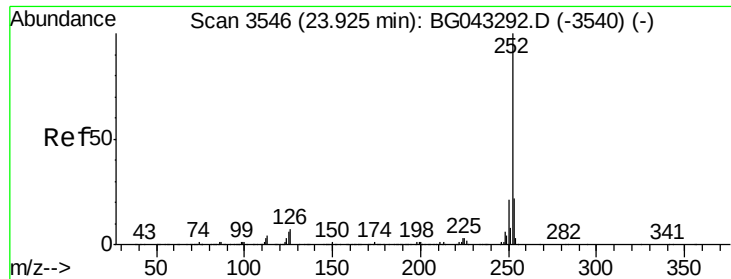
Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Tgt Ion:	252	Resp:	554315
Ion Ratio	Lower	Upper	
252	100		
253	22.2	17.7	26.5
125	5.8	4.5	6.7





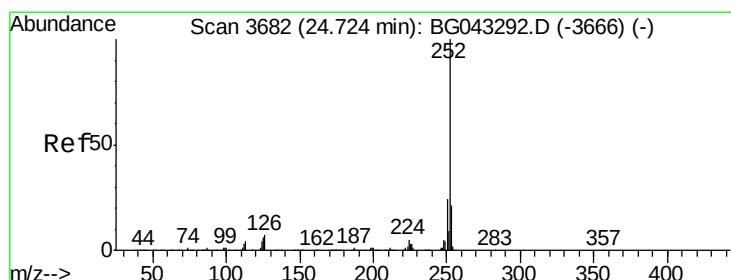
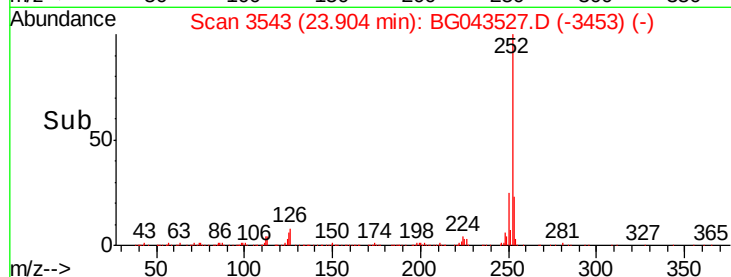
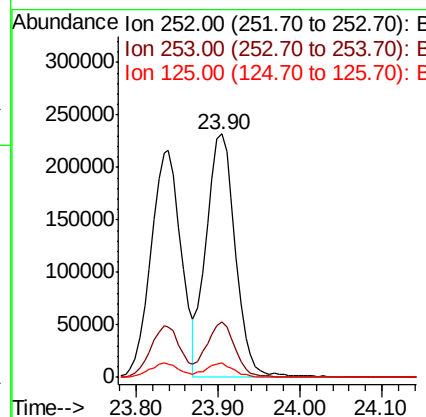
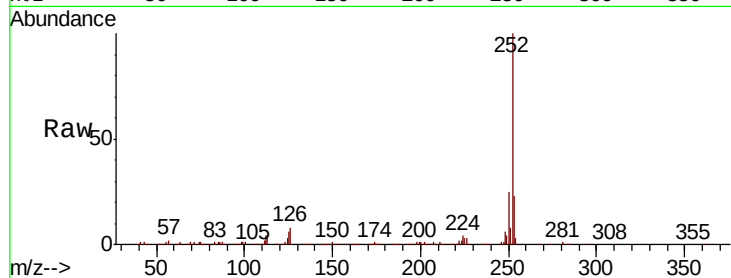
#89
Benzo(k)fluoranthene
Concen: 44.578 ng
RT: 23.90 min Scan# 3543
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Instrument :
BNA_G
ClientSampleId :
PB124575BSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	17.3	25.9
125	5.8	4.6	6.8

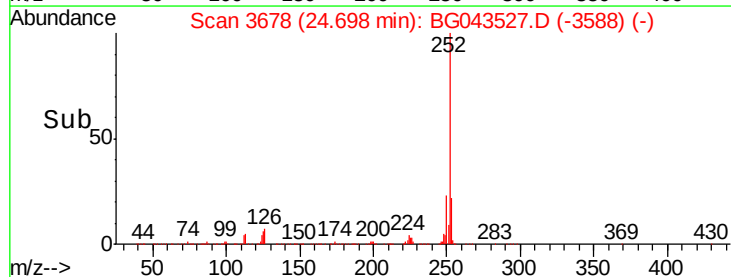
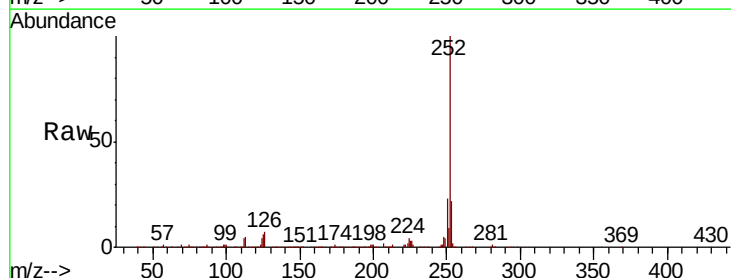
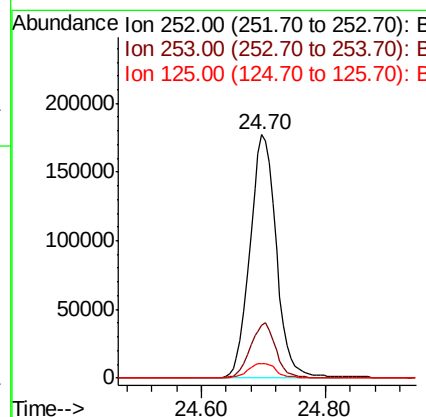
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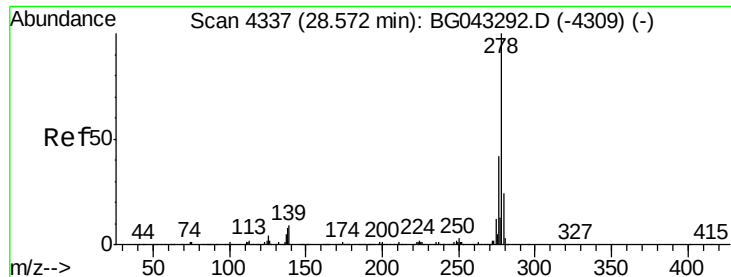
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#90
Benzo(a)pyrene
Concen: 43.045 ng
RT: 24.70 min Scan# 3678
Delta R.T. -0.00 min
Lab File: BG043527.D
Acq: 6 Nov 2019 19:31

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.9	17.8	26.8
125	6.1	5.4	8.2





#91

Dibenzo(a,h)anthracene

Concen: 46.381 ng

RT: 28.55 min Scan# 4333

Delta R.T. -0.01 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Instrument :

BNA_G

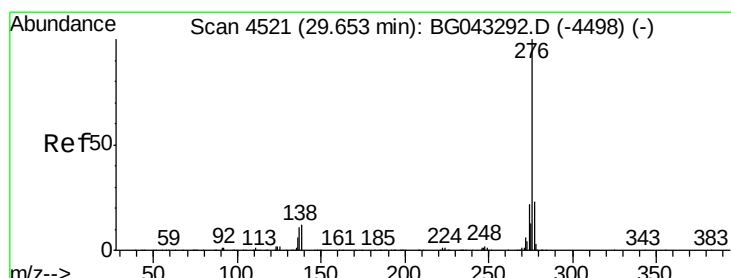
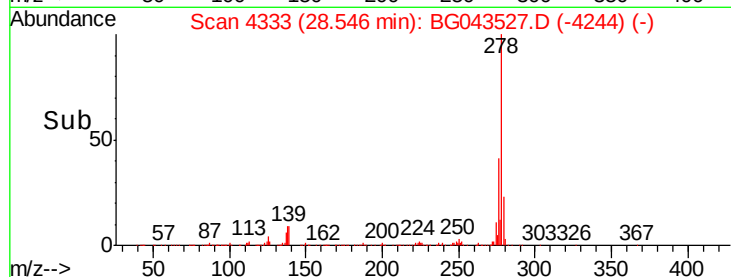
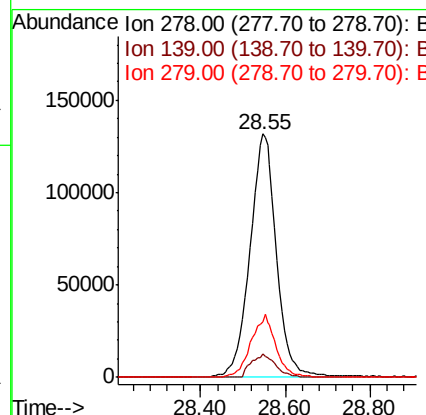
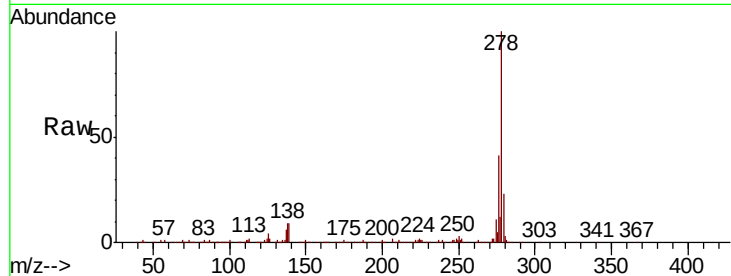
ClientSampleId :

PB124575BSD

Tot Ion:	278	Resp:	578345
Ion Ratio	Lower	Upper	
278	100		
139	9.4	7.4	11.0
279	22.9	19.1	28.7

Manual Integrations
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#92

Benzo(g,h,i)perylene

Concen: 46.385 ng

RT: 29.63 min Scan# 4517

Delta R.T. -0.00 min

Lab File: BG043527.D

Acq: 6 Nov 2019 19:31

Tgt Ion:	276	Resp:	570522
Ion Ratio	Lower	Upper	
276	100		
277	24.5	18.9	28.3
138	11.4	8.9	13.3

