

Data Path : Z:\SVOASRV\HPCHEM1\BNA G\DATA\BG091918\
 Data File : BG036828.D
 Acq On : 19 Sep 2018 20:37
 Operator : JU/SJ
 Sample : J4772-02MSD
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MSD

Manual Integrations
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Sohil
 9/20/2018 11:46:45 AM

Quant Time: Sep 20 07:25:09 2018
 Quant Method : Z:\SVOASRV\HPCHEM1\BNA G\METHODS\8270-BG082318.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Fri Aug 31 13:03:20 2018
 Response via : Initial Calibration

Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
1) 1,4-Dichlorobenzene-d4	8.05	152	58401	20.00	ng	-0.02
21) Naphthalene-d8	10.85	136	245091	20.00	ng	-0.02
38) Acenaphthene-d10	14.67	164	157982	20.00	ng	-0.01
63) Phenanthrene-d10	17.42	188	386786	20.00	ng	-0.01
75) Chrysene-d12	21.68	240	370365	20.00	ng	-0.01
86) Perylene-d12	24.89	264	378606	20.00	ng	-0.02

System Monitoring Compounds						
5) 2-Fluorophenol	5.62	112	370623	100.67	ng	0.00
7) Phenol-d6	7.21	99	485673	92.14	ng	-0.01
23) Nitrobenzene-d5	9.21	82	359101	79.50	ng	-0.01
41) 2,4,6-Tribromophenol	16.16	330	223542	118.58	ng	-0.01
44) 2-Fluorobiphenyl	13.29	172	756711	68.39	ng	-0.02
78) Terphenyl-d14	20.02	244	1249583	78.86	ng	-0.01

Target Compounds				Qvalue		
2) 1,4-Dioxane	3.54	88	52344	30.465	ng	# 89
3) Pyridine	3.94	79	148209	30.731	ng	99
4) n-Nitrosodimethylamine	3.84	42	85447	39.778	ng	93
6) Aniline	7.37	93	180315	26.950	ng	98
8) 2-Chlorophenol	7.61	128	170437	42.690	ng	96
9) Benzaldehyde	7.18	77	65608	18.075	ng	95
10) Phenol	7.24	94	206679	37.468	ng	98
11) bis(2-Chloroethyl)ether	7.47	93	169469	38.752	ng	100
12) 1,3-Dichlorobenzene	7.94	146	171845	37.695	ng	98
13) 1,4-Dichlorobenzene	8.08	146	174780	37.973	ng	99
14) 1,2-Dichlorobenzene	8.40	146	167324	38.066	ng	97
15) Benzyl Alcohol	8.28	79	174091	40.970	ng	98
16) 2,2'-oxybis(1-Chloropropan	8.57	45	328441	37.241	ng	100
17) 2-Methylphenol	8.49	107	155308	42.402	ng	98
18) Hexachloroethane	9.13	117	64410	39.031	ng	94
19) n-Nitroso-di-n-propylamine	8.85	70	149532	37.958	ng	95
20) 3+4-Methylphenols	8.81	107	216602	42.357	ng	97
22) Acetophenone	8.87	105	270292	41.997	ng	# 97
24) Nitrobenzene	9.25	77	221285	45.428	ng	99
25) Isophorone	9.77	82	412142	45.928	ng	97
26) 2-Nitrophenol	9.96	139	99892	51.751	ng	98
27) 2,4-Dimethylphenol	10.02	122	172656	48.314	ng	100
28) bis(2-Chloroethoxy)methane	10.26	93	240042	43.585	ng	97
29) 2,4-Dichlorophenol	10.50	162	189245	48.320	ng	95
30) 1,2,4-Trichlorobenzene	10.71	180	190830	41.651	ng	100
31) Naphthalene	10.90	128	549661	44.863	ng	99
32) Benzoic acid	10.12	122	41268m	18.602	ng	
33) 4-Chloroaniline	11.01	127	64607	11.508	ng	98
34) Hexachlorobutadiene	11.18	225	129520	42.074	ng	97
35) Caprolactam	11.79	113	49488	31.719	ng	99
36) 4-Chloro-3-methylphenol	12.12	107	208975	45.920	ng	97
37) 2-Methylnaphthalene	12.50	142	423283	47.217	ng	100
39) 1,2,4,5-Tetrachlorobenzene	12.87	216	242743	43.418	ng	100
40) Hexachlorocyclopentadiene	12.85	237	243474	83.700	ng	97

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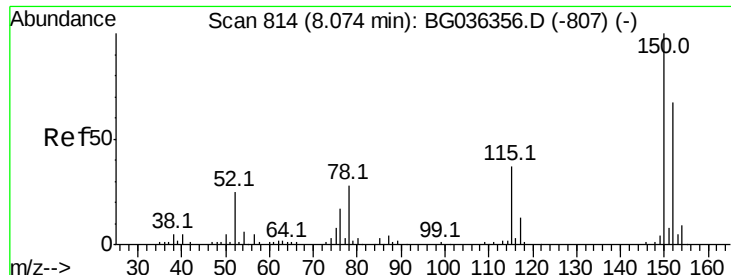
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 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
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Internal Standards	R.T.	QIon	Response	Conc	Units	Dev(Min)
42) 2,4,6-Trichlorophenol	13.11	196	163069	47.882	nq	98
43) 2,4,5-Trichlorophenol	13.18	196	174621	48.072	nq	99
45) 1,1'-Biphenyl	13.51	154	540292	41.200	nq	99
46) 2-Chloronaphthalene	13.55	162	420603	42.013	nq	98
47) 2-Nitroaniline	13.75	65	156804	49.879	nq	98
48) Acenaphthylene	14.40	152	702435	44.895	nq	100
49) Dimethylphthalate	14.13	163	565360	43.826	nq	99
50) 2,6-Dinitrotoluene	14.25	165	126066	47.492	nq	94
51) Acenaphthene	14.74	154	412939	41.210	nq	99
52) 3-Nitroaniline	14.57	138	95670	33.445	nq	96
53) 2,4-Dinitrophenol	14.78	184	15315	15.232	nq	92
54) Dibenzofuran	15.07	168	673776	42.920	nq	99
55) 4-Nitrophenol	14.88	139	155492	66.481	nq	98
56) 2,4-Dinitrotoluene	15.03	165	180979	52.312	nq	89
57) Fluorene	15.72	166	537169	45.772	nq	98
58) 2,3,4,6-Tetrachlorophenol	15.30	232	163024	47.767	nq	95
59) Diethylphthalate	15.49	149	556400	42.798	nq	99
60) 4-Chlorophenyl-phenylether	15.71	204	309188	42.666	nq	99
61) 4-Nitroaniline	15.74	138	131757	44.016	nq	96
62) Azobenzene	16.00	77	545392	41.231	nq	98
64) 4,6-Dinitro-2-methylphenol	15.80	198	31561	18.575	nq	95
65) n-Nitrosodiphenylamine	15.93	169	489793	42.618	nq	98
66) 4-Bromophenyl-phenylether	16.60	248	202272	44.667	nq	98
67) Hexachlorobenzene	16.73	284	205984	44.484	nq	96
68) Atrazine	16.87	200	203118	47.086	nq	98
69) Pentachlorophenol	17.07	266	145205m	46.140	nq	
70) Phenanthrene	17.46	178	885320	45.046	nq	99
71) Anthracene	17.55	178	897477	45.810	nq	99
72) Carbazole	17.82	167	773984	39.558	nq	100
73) Di-n-butylphthalate	18.37	149	893254	40.998	nq	99
74) Fluoranthene	19.46	202	1040751	43.433	nq	99
76) Benzidine	19.65	184	172425	14.592	nq	98
77) Pyrene	19.83	202	1036570	45.513	nq	98
79) Butylbenzylphthalate	20.71	149	409896	45.223	nq	97
80) Benzo(a)anthracene	21.67	228	1022596	45.576	nq	99
81) 3,3'-Dichlorobenzidine	21.58	252	253058	28.299	nq	97
82) Chrysene	21.73	228	959591	45.120	nq	97
83) Bis(2-ethylhexyl)phthalate	21.57	149	534999	42.180	nq	97
84) Di-n-octyl phthalate	22.77	149	916972	43.283	nq	98
85) Indeno(1,2,3-cd)pyrene	28.54	276	1089524	44.107	nq	98
87) Benzo(b)fluoranthene	23.87	252	1013595	48.211	nq	97
88) Benzo(k)fluoranthene	23.94	252	971463	47.297	nq	98
89) Benzo(a)pyrene	24.74	252	970567	48.042	nq	99
90) Dibenzo(a,h)anthracene	28.60	278	872342	44.727	nq	97
91) Benzo(g,h,i)perylene	29.67	276	862046	43.983	nq	97

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



#1

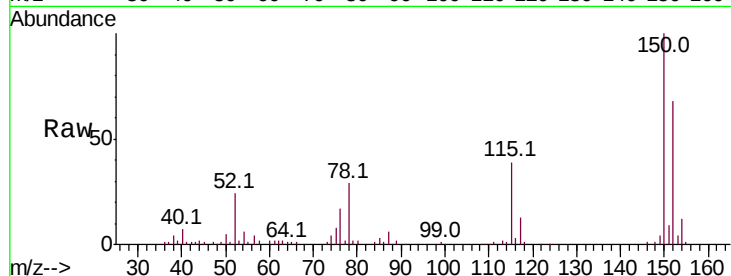
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 8.05 min Scan# 810
Delta R.T. -0.02 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion	Ratio	Lower	Upper
152	100		
150	147.0	119.5	179.3
115	56.8	44.5	66.7

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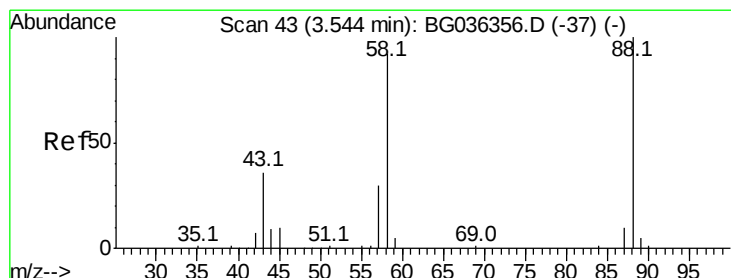
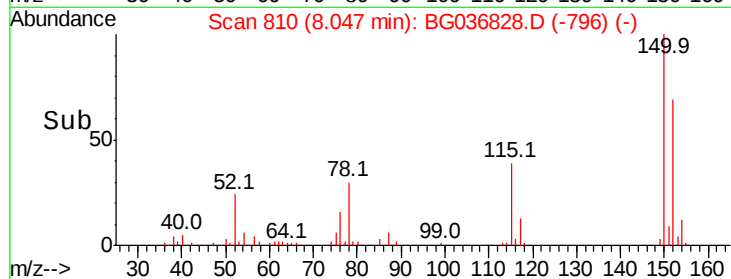
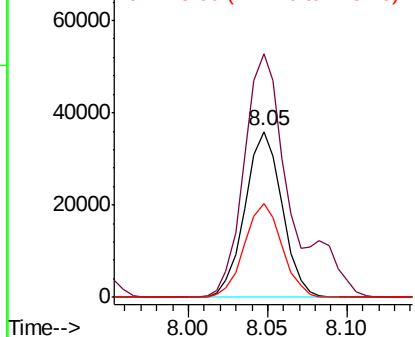


Abundance

Ion 152.00 (151.70 to 152.70): E

Ion 150.00 (149.70 to 150.70): E

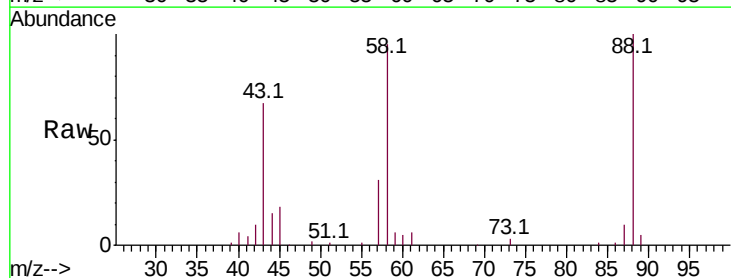
Ion 115.00 (114.70 to 115.70): E



#2

1,4-Dioxane
Concen: 30.465 ng
RT: 3.54 min Scan# 43
Delta R.T. 0.00 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
88	100		
58	91.0	72.6	109.0
43	59.5	29.0	43.4#

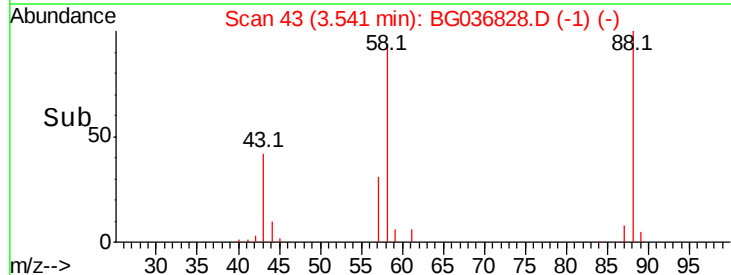
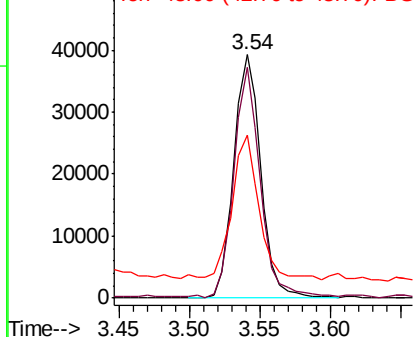


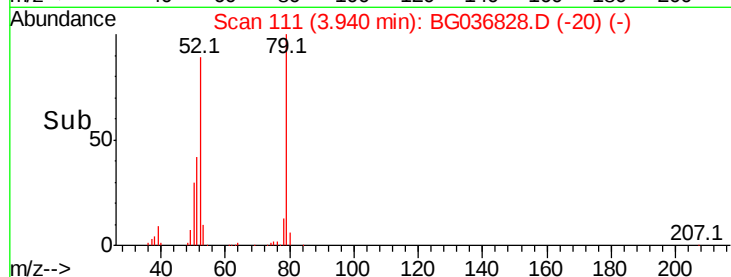
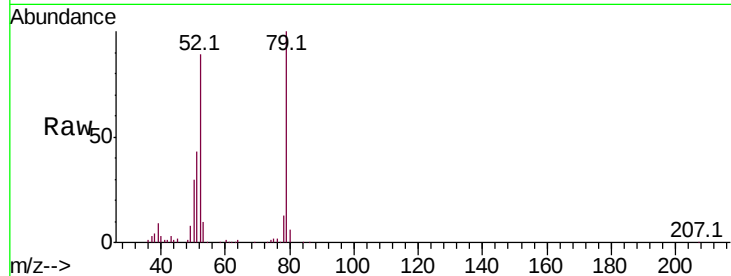
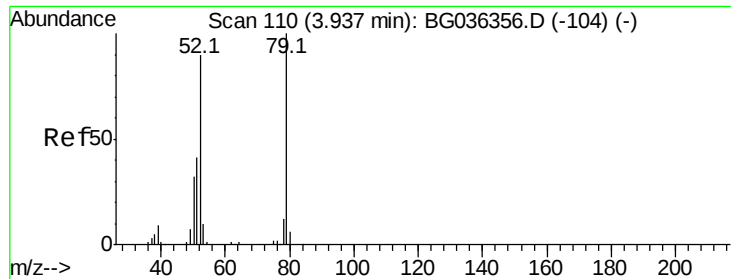
Abundance

Ion 88.00 (87.70 to 88.70): BGC

Ion 58.00 (57.70 to 58.70): BGC

Ion 43.00 (42.70 to 43.70): BGC





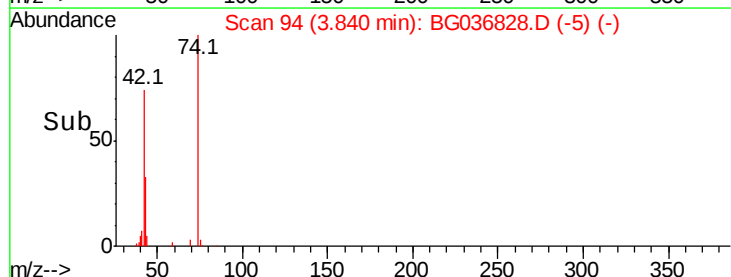
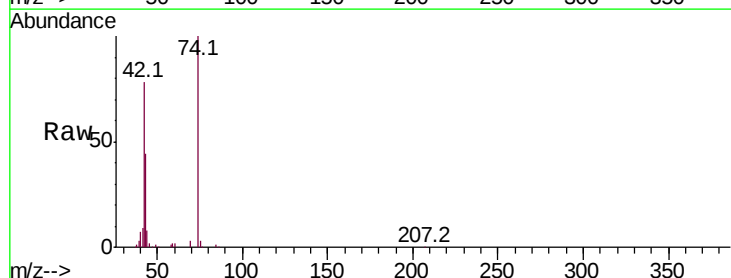
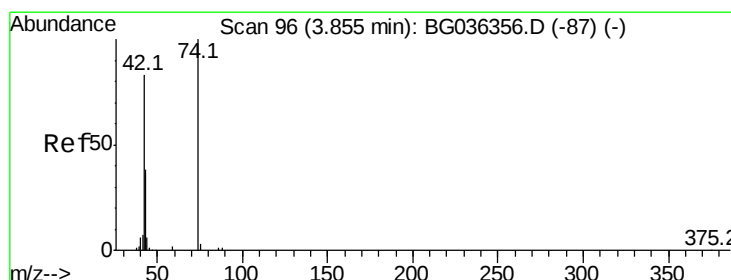
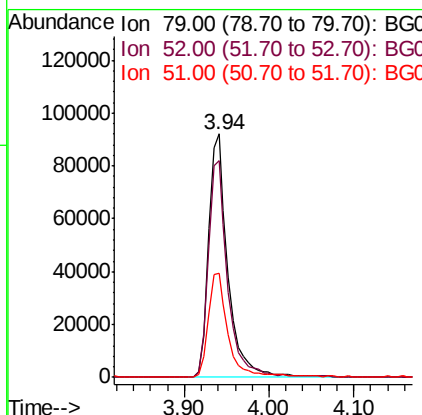
#3
Pvridine
Concen: 30.731 ng
RT: 3.94 min Scan# 111
Delta R.T. 0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tot Ion	Ratio	Lower	Upper
79	100		
52	88.9	72.3	108.5
51	42.7	33.8	50.6

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ClientSampleId :
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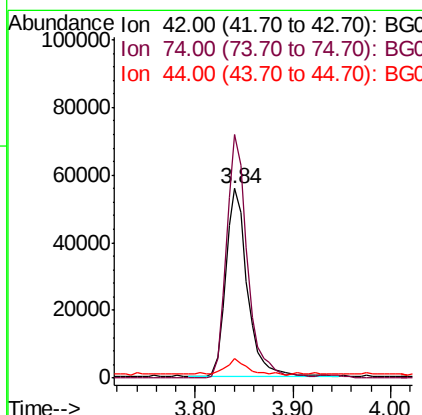
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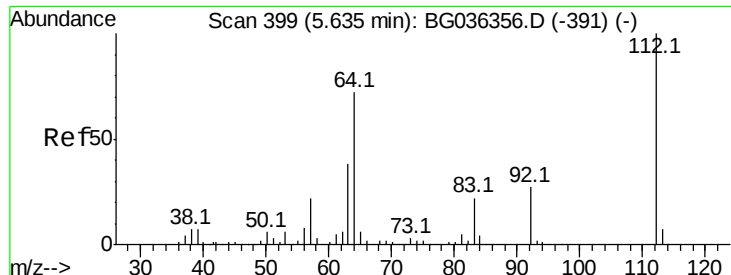
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#4
n-Nitrosodimethylamine
Concen: 39.778 ng
RT: 3.84 min Scan# 94
Delta R.T. -0.00 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
42	100		
74	128.3	96.6	145.0
44	10.4	7.0	10.4





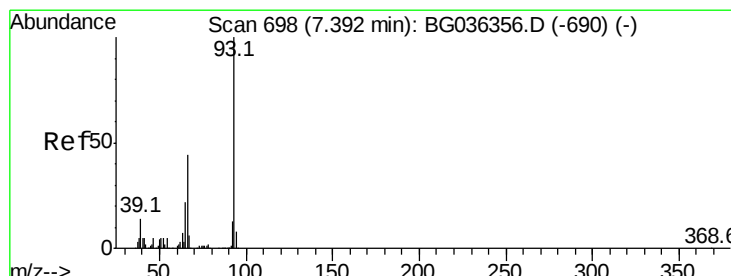
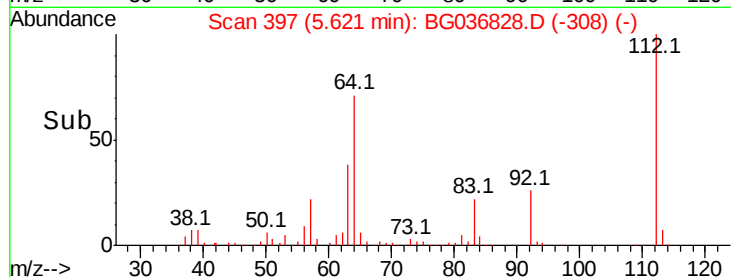
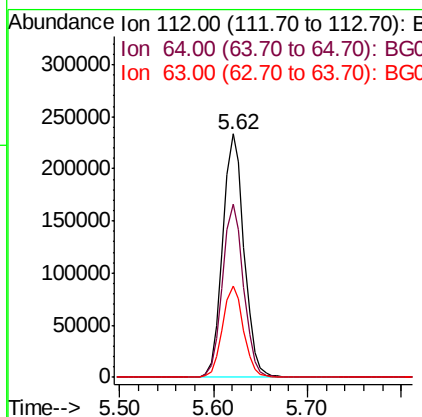
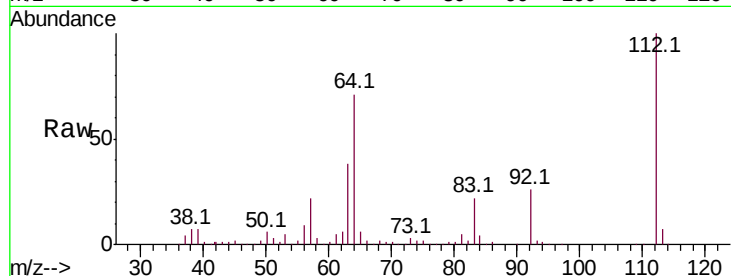
#5
 2-Fluorophenol
 Concen: 100.669 ng
 RT: 5.62 min Scan# 397
 Delta R.T. -0.00 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MSD

Tot Ion	Ratio	Resp Lower	Upper
112	100		
64	71.0	57.2	85.8
63	37.6	30.8	46.2

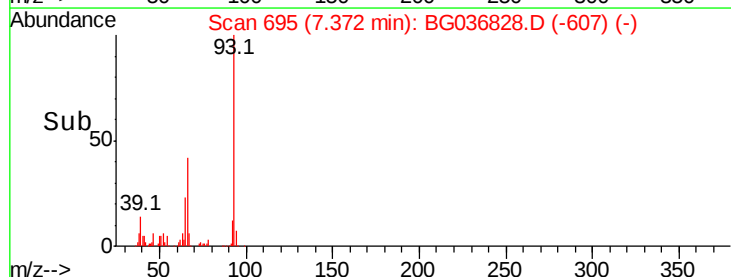
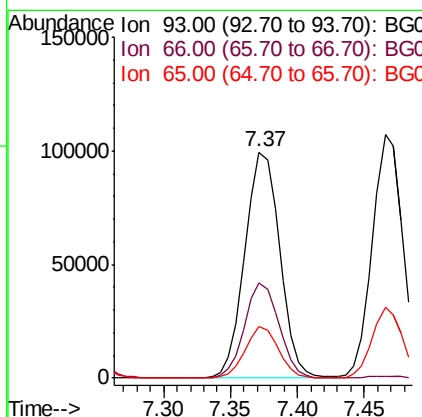
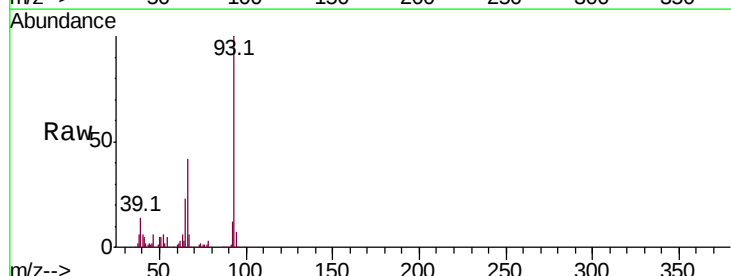
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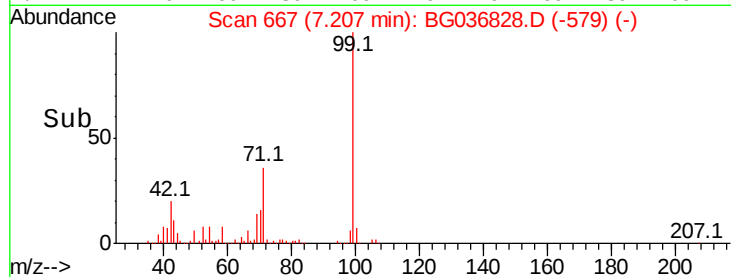
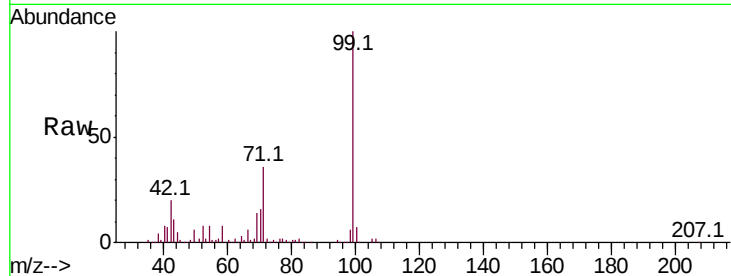
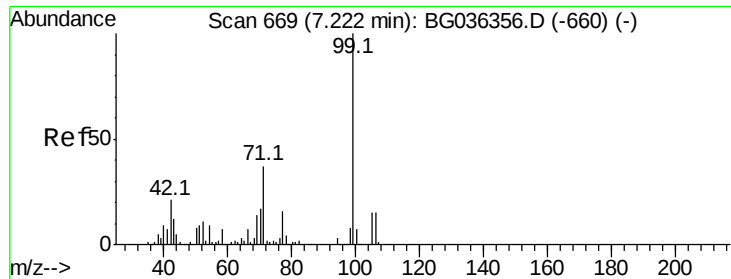
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#6
 Aniline
 Concen: 26.950 ng
 RT: 7.37 min Scan# 695
 Delta R.T. -0.01 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Resp Lower	Upper
93	100		
66	42.0	35.0	52.4
65	23.0	17.6	26.4





#7

Phenol-d6

Concen: 92.138 ng

RT: 7.21 min Scan# 667

Delta R.T. -0.01 min

Lab File: BG036828.D

Acq: 19 Sep 2018 20:37

Tot Ion:	99	Resp:	485673
Ion Ratio	Lower	Upper	
99	100		
42	20.0	16.5	24.7
71	36.0	29.4	44.2

Instrument :

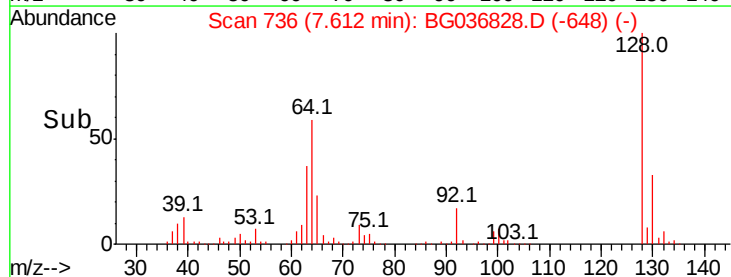
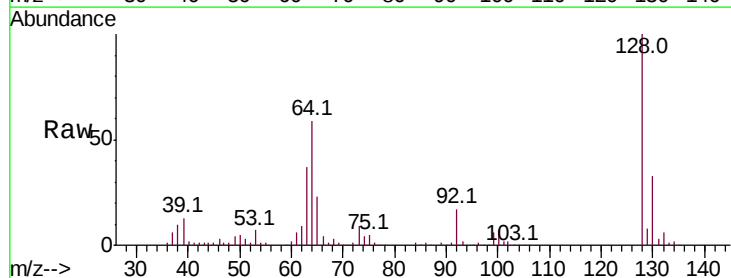
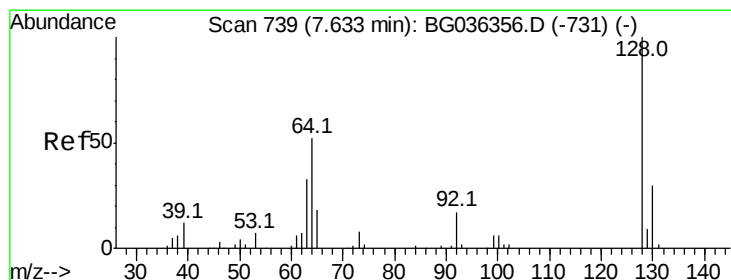
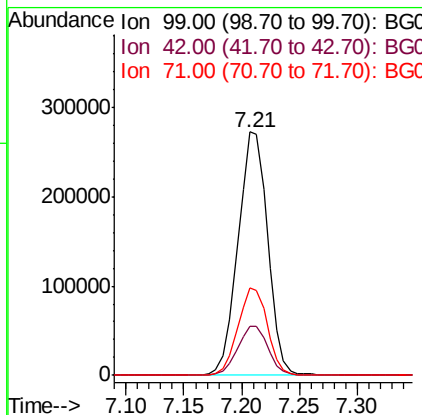
BNA_G

ClientSampleId :

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#8

2-Chlorophenol

Concen: 42.690 ng

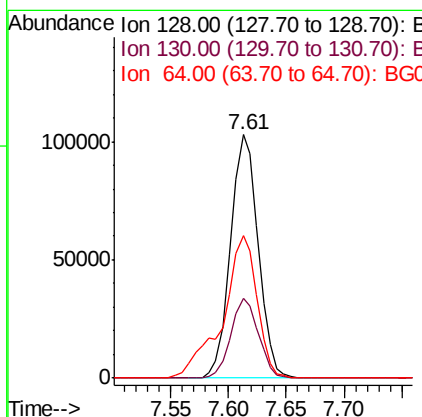
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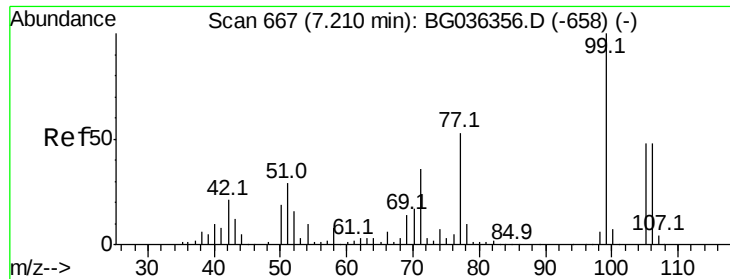
Delta R.T. -0.01 min

Lab File: BG036828.D

Acq: 19 Sep 2018 20:37

Tgt Ion:	128	Resp:	170437
Ion Ratio	Lower	Upper	
128	100		
130	32.8	10.0	50.0
64	58.5	36.0	76.0





#9

Benzaldehyde

Concen: 18.075 ng

RT: 7.18 min Scan# 663

Delta R.T. -0.01 min

Lab File: BG036828.D

Acq: 19 Sep 2018 20:37

Instrument :

BNA_G

ClientSampleId :

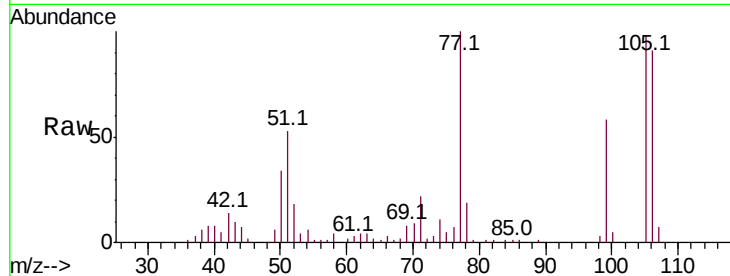
HD-02-091718MSD

Tot Ion:	77	Resp:	65608
Ion Ratio	Lower	Upper	
77	100		
105	98.3	70.5	110.5
106	91.5	69.8	109.8

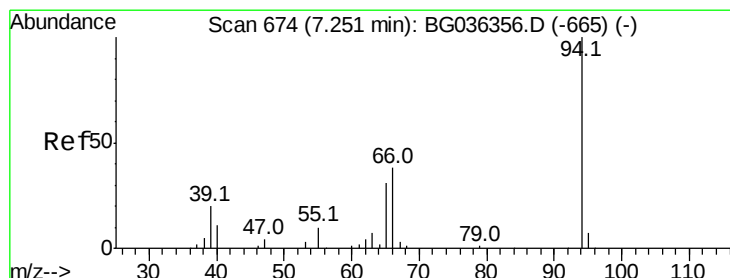
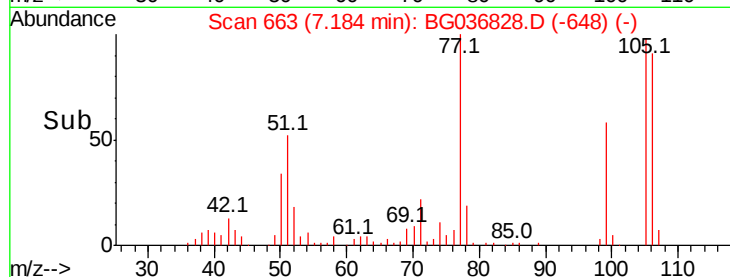
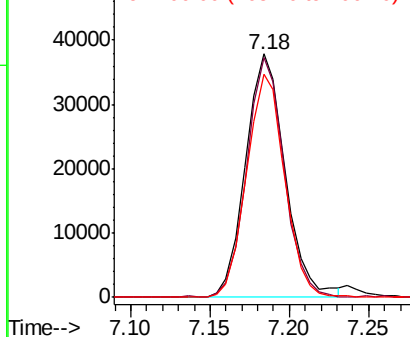
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Abundance Ion 77.00 (76.70 to 77.70): BGC
Ion 105.00 (104.70 to 105.70): BGC
Ion 106.00 (105.70 to 106.70): BGC



#10

Phenol

Concen: 37.468 ng

RT: 7.24 min Scan# 672

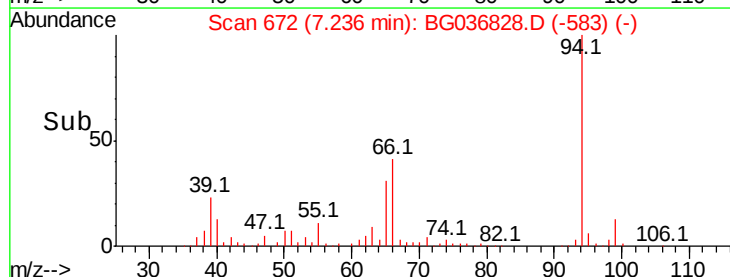
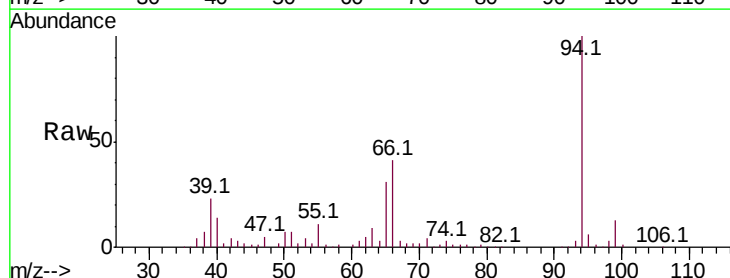
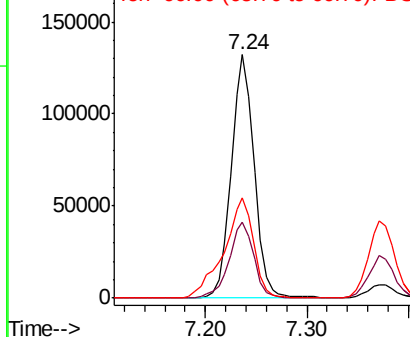
Delta R.T. -0.00 min

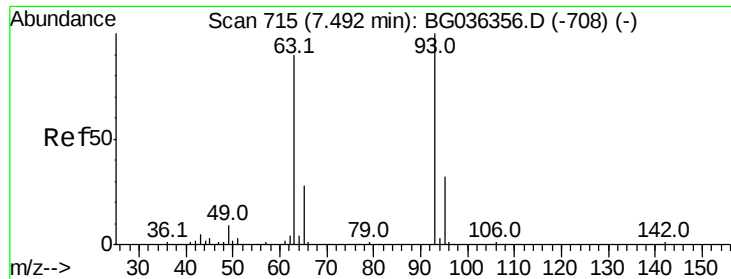
Lab File: BG036828.D

Acq: 19 Sep 2018 20:37

Tgt Ion:	94	Resp:	206679
Ion Ratio	Lower	Upper	
94	100		
65	31.1	11.5	51.5
66	41.2	19.5	59.5

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





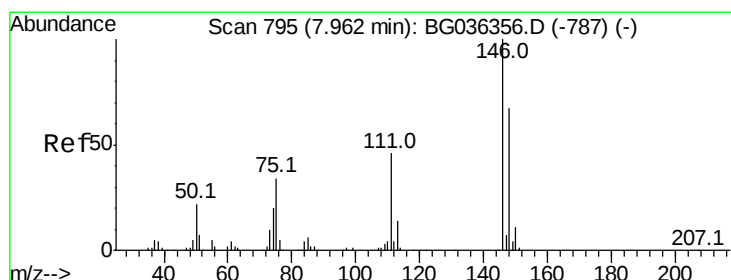
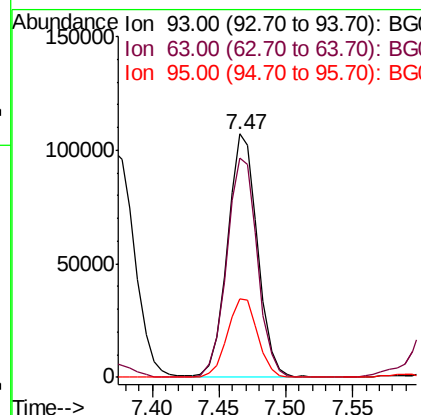
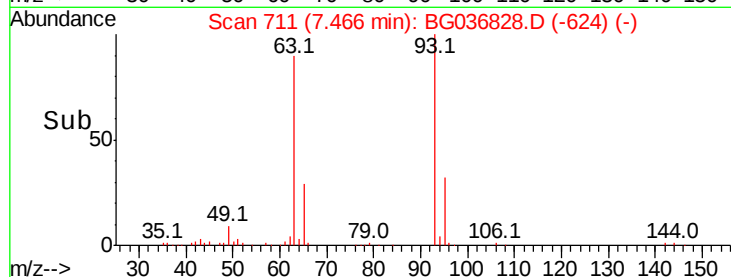
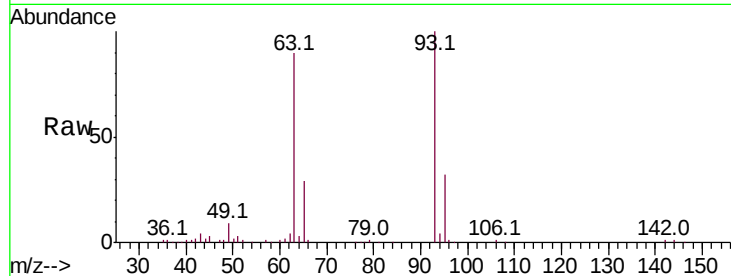
#11
bis(2-Chloroethyl)ether
Concen: 38.752 ng
RT: 7.47 min Scan# 711
Delta R.T. -0.02 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion	Ratio	Lower	Upper
93	100		
63	90.0	69.9	109.9
95	32.5	11.7	51.7

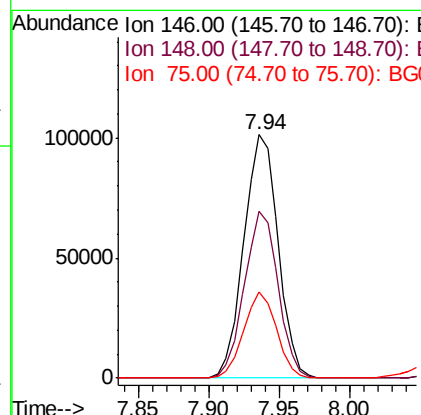
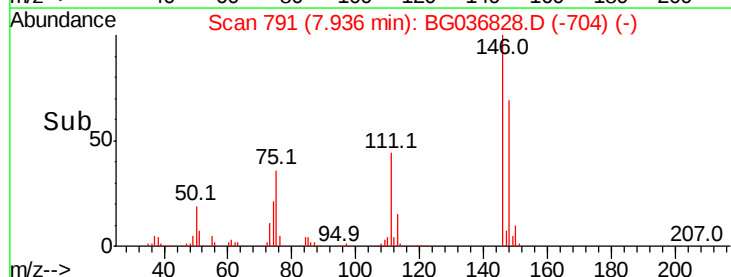
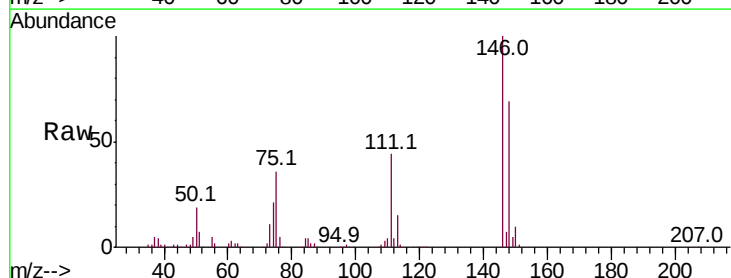
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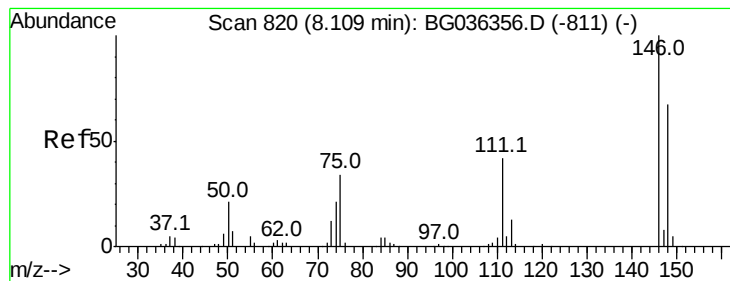
Sohil
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#12
1,3-Dichlorobenzene
Concen: 37.695 ng
RT: 7.94 min Scan# 791
Delta R.T. -0.02 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
146	100		
148	68.7	53.8	80.6
75	35.6	27.2	40.8





#13

1,4-Dichlorobenzene

Concen: 37.973 ng

RT: 8.08 min Scan# 816

Delta R.T. -0.02 min

Lab File: BG036828.D

Acq: 19 Sep 2018 20:37

Instrument :

BNA_G

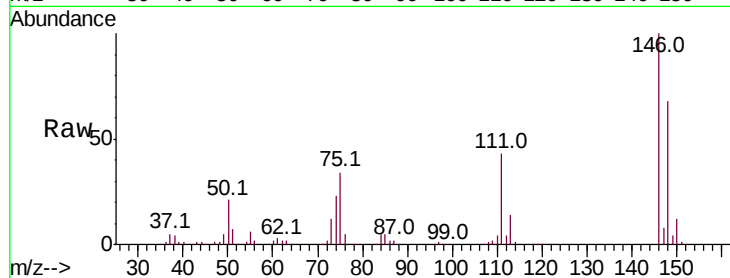
ClientSampleId :

HD-02-091718MSD

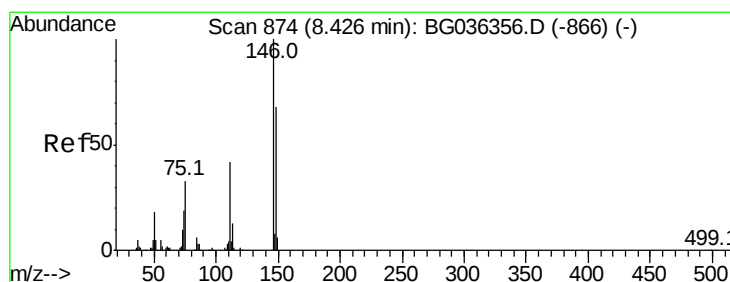
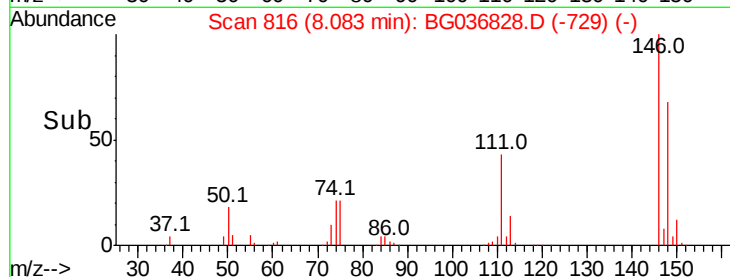
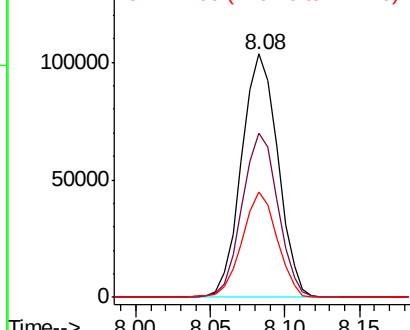
Tot Ion:	146	Resp:	174780
Ion Ratio	Lower	Upper	
146	100		
148	67.6	53.9	80.9
111	43.2	33.8	50.6

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Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E



#14

1,2-Dichlorobenzene

Concen: 38.066 ng

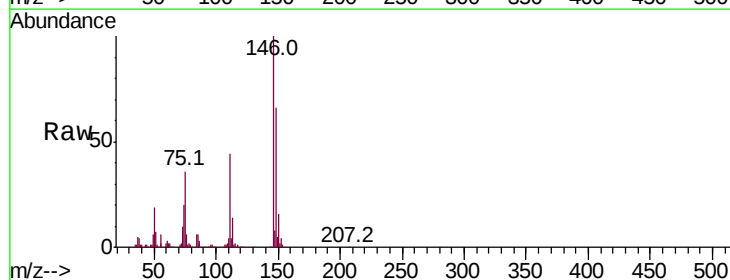
RT: 8.40 min Scan# 870

Delta R.T. -0.02 min

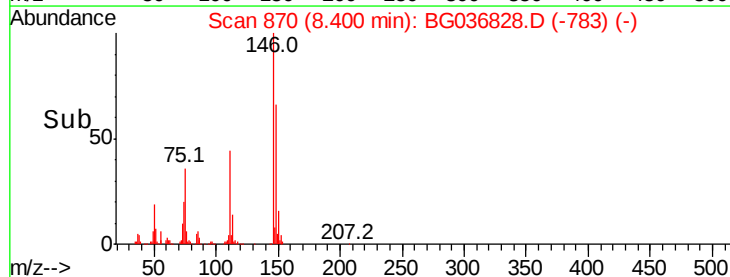
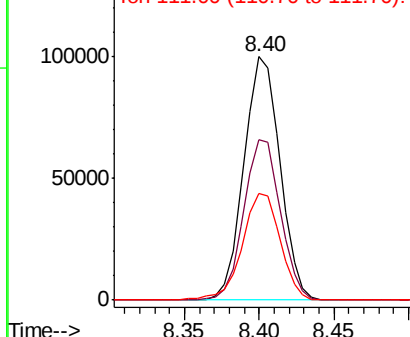
Lab File: BG036828.D

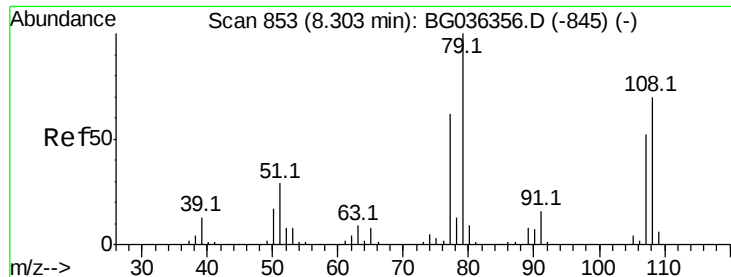
Acq: 19 Sep 2018 20:37

Tgt Ion:	146	Resp:	167324
Ion Ratio	Lower	Upper	
146	100		
148	65.6	55.0	82.6
111	43.6	34.6	51.8



Abundance Ion 146.00 (145.70 to 146.70): E
Ion 148.00 (147.70 to 148.70): E
Ion 111.00 (110.70 to 111.70): E





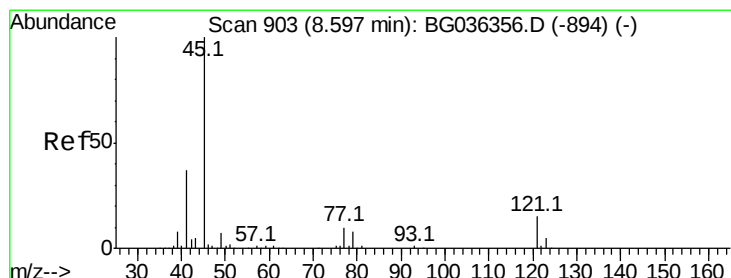
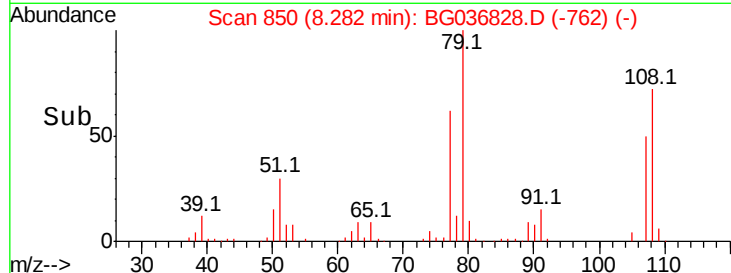
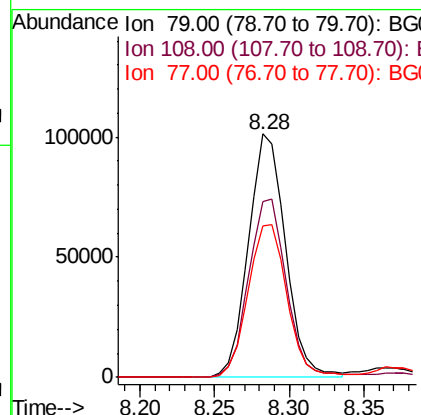
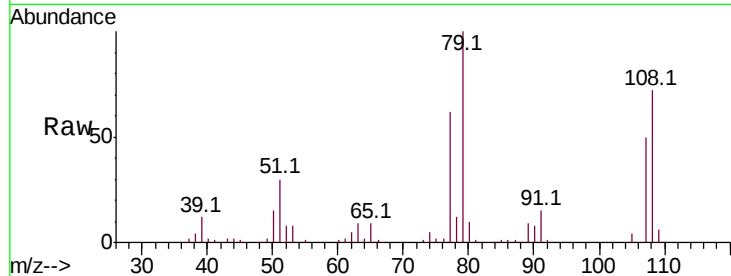
#15
Benzyl Alcohol
Concen: 40.970 ng
RT: 8.28 min Scan# 850
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion:	79	Resp:	174091
Ion Ratio	Lower	Upper	
79	100		
108	72.1	55.9	83.9
77	62.3	50.0	75.0

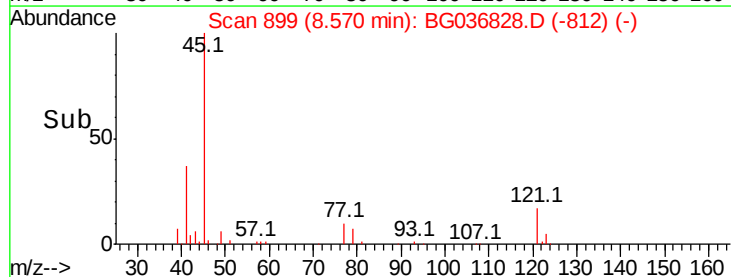
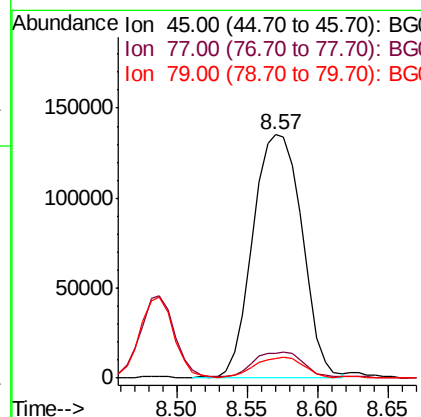
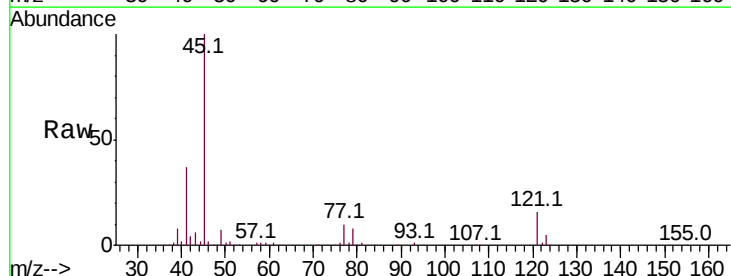
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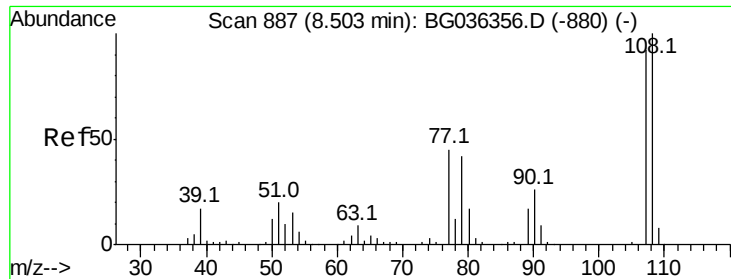
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#16
2,2'-oxybis(1-chloropropane)
Concen: 37.241 ng
RT: 8.57 min Scan# 899
Delta R.T. -0.02 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion:	45	Resp:	328441
Ion Ratio	Lower	Upper	
45	100		
77	10.4	0.0	30.5
79	7.8	0.0	27.9





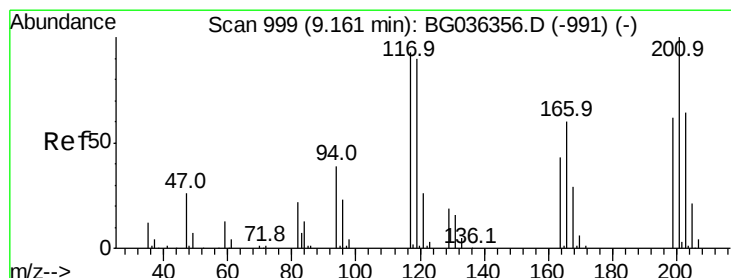
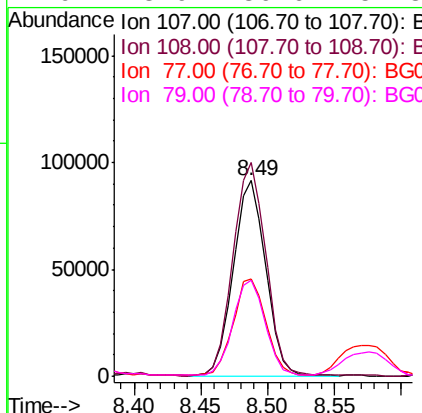
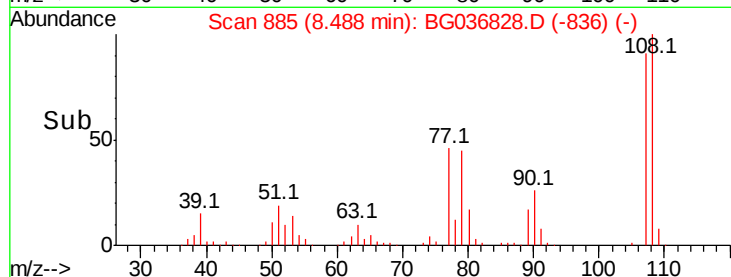
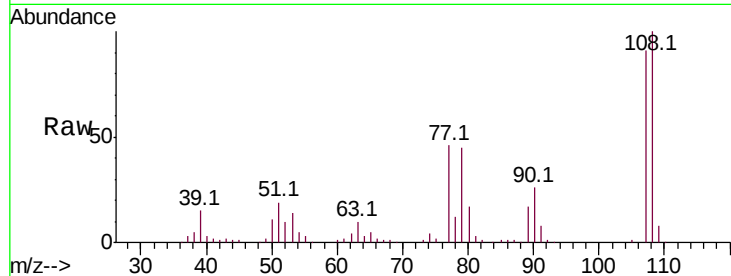
#17
2-Methylphenol
Concen: 42.402 ng
RT: 8.49 min Scan# 885
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion	Ratio	Lower	Upper
107	100		
108	109.3	86.7	130.1
77	49.9	39.0	58.4
79	48.9	36.6	54.8

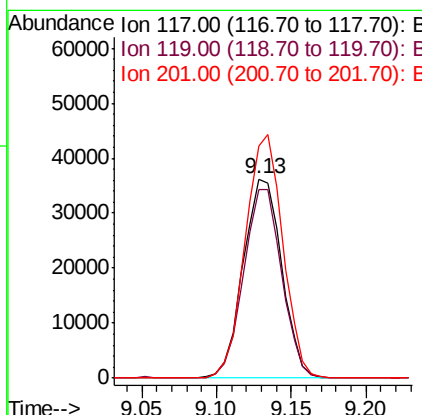
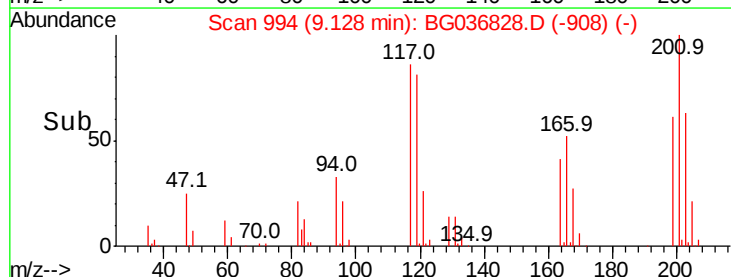
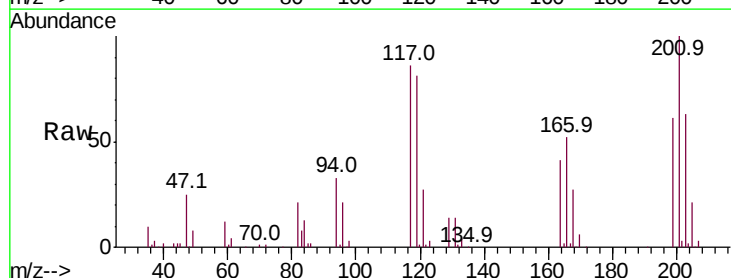
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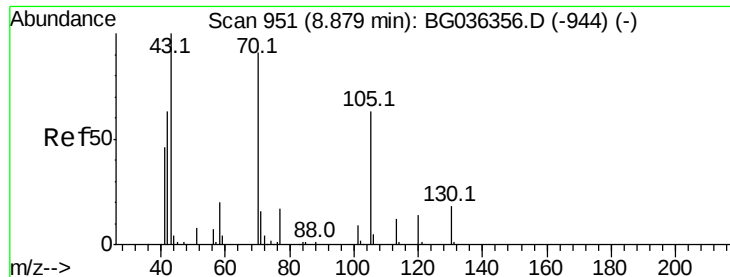
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#18
Hexachloroethane
Concen: 39.031 ng
RT: 9.13 min Scan# 994
Delta R.T. -0.02 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
117	100		
119	94.3	76.8	115.2
201	116.4	85.7	128.5





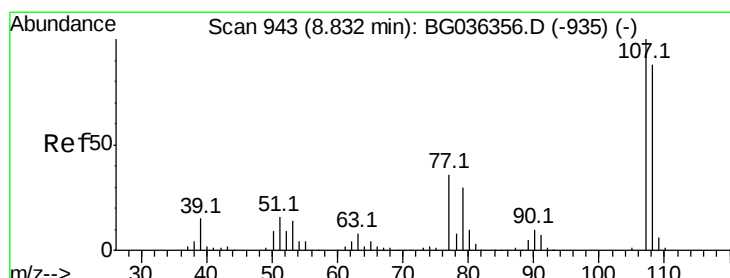
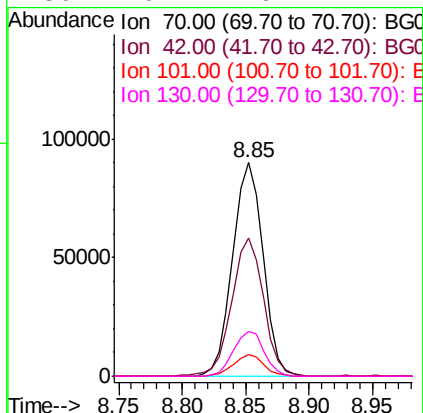
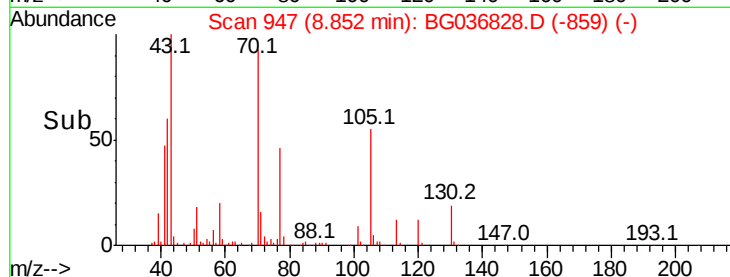
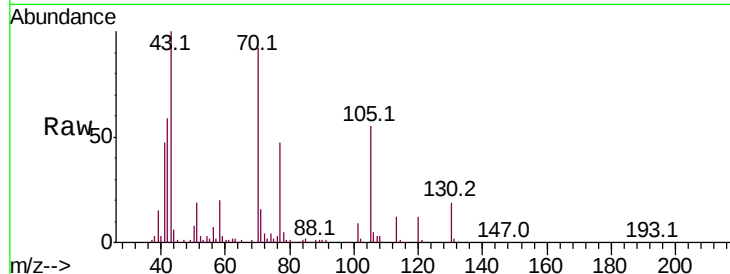
#19
n-Nitroso-di-n-propylamine
Concen: 37.958 ng
RT: 8.85 min Scan# 947
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion	Ion	Ratio	Lower	Upper
70	100			
42	64.7	56.2	84.4	
101	10.2	7.8	11.6	
130	20.7	16.2	24.2	

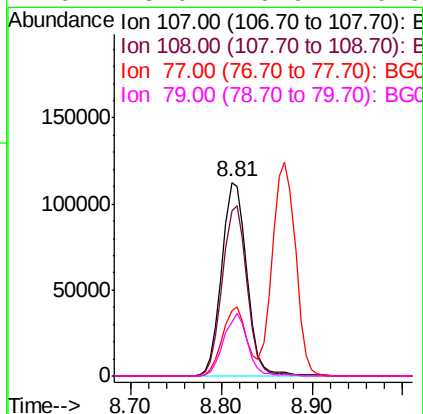
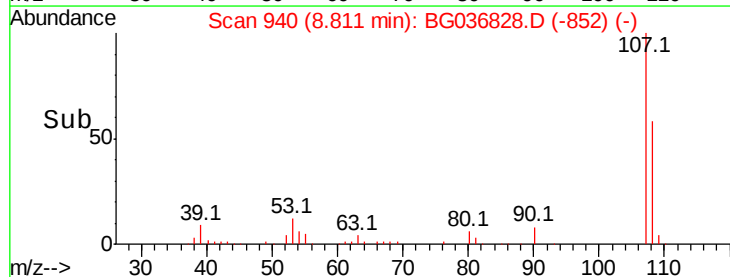
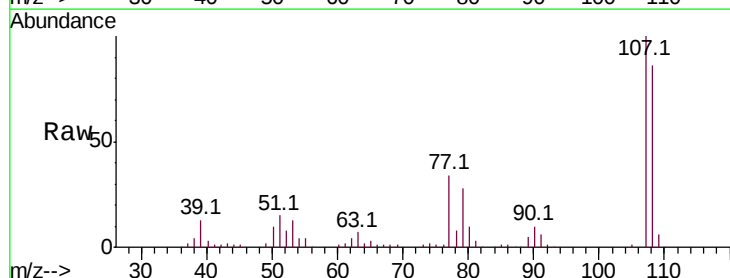
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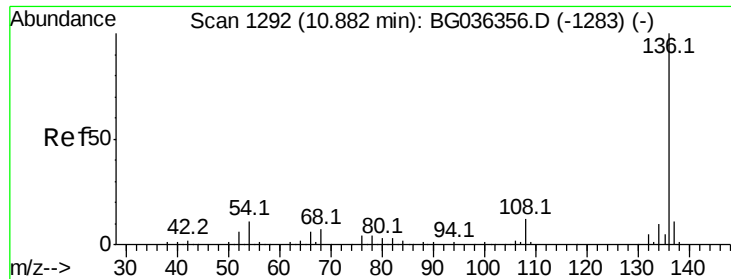
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#20
3+4-Methylphenols
Concen: 42.357 ng
RT: 8.81 min Scan# 940
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ion	Ratio	Lower	Upper
107	100			
108	85.7	68.0	108.0	
77	33.8	15.6	55.6	
79	28.0	9.9	49.9	





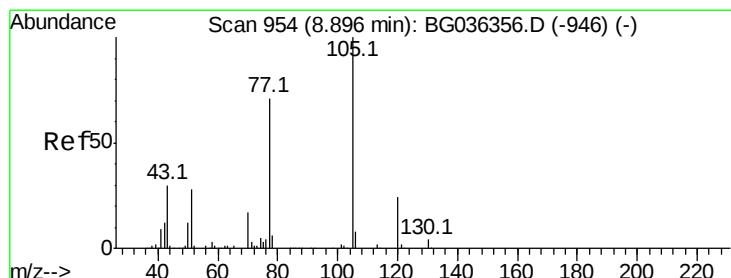
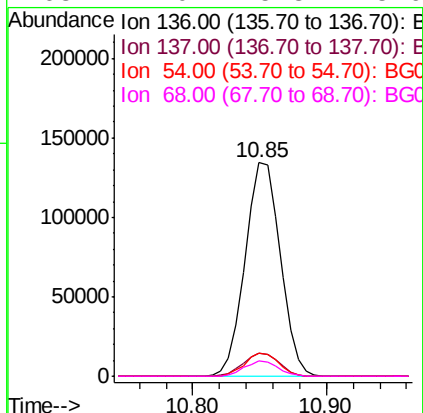
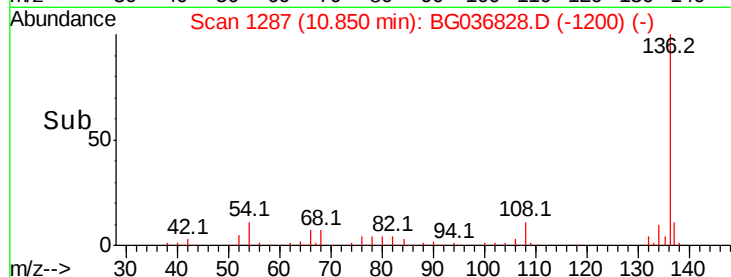
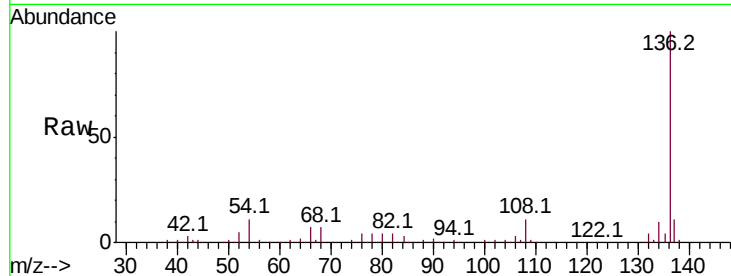
#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.85 min Scan# 1287
Delta R.T. -0.02 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion	Ratio	Resp	Lower	Upper
136	100	245091		
137	10.7		8.8	13.2
54	10.8		9.2	13.8
68	7.0		5.8	8.6

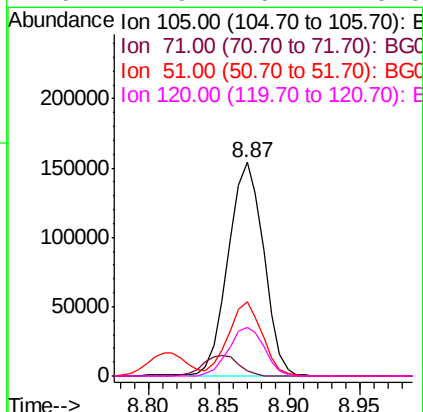
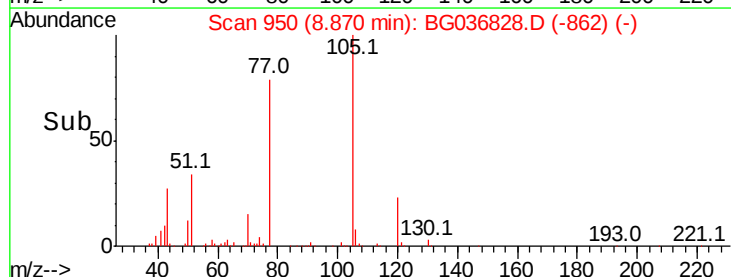
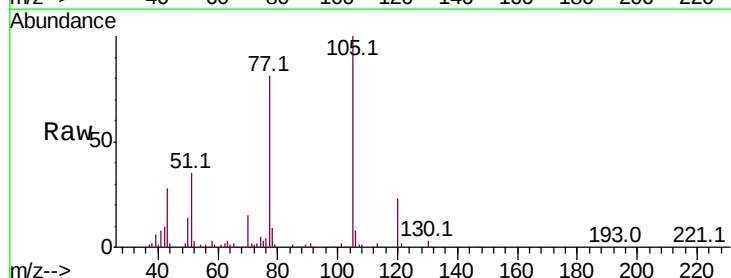
Manual Integrations
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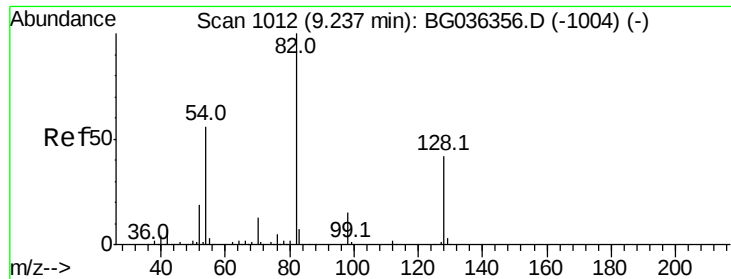
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#22
Acetophenone
Concen: 41.997 ng
RT: 8.87 min Scan# 950
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
105	100	270292		
71	2.3		2.4	3.6#
51	34.7		25.9	38.9
120	22.9		19.4	29.0





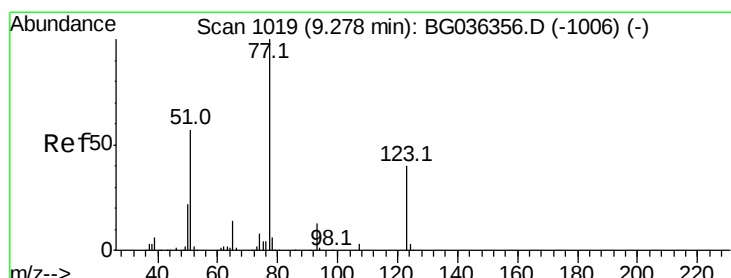
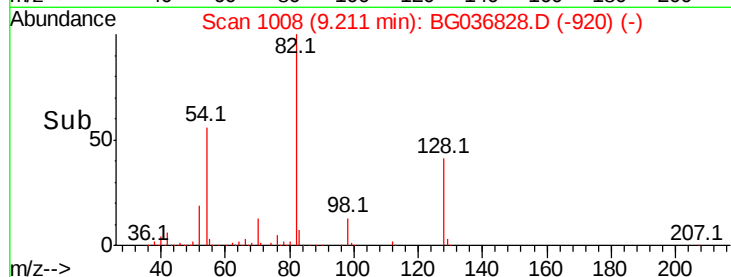
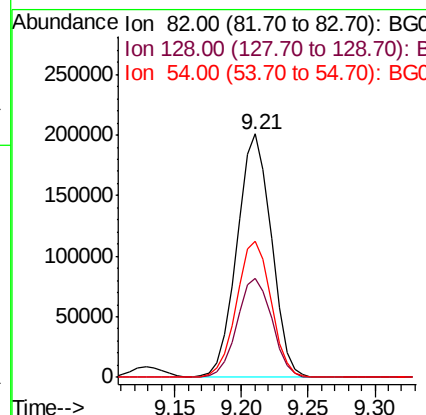
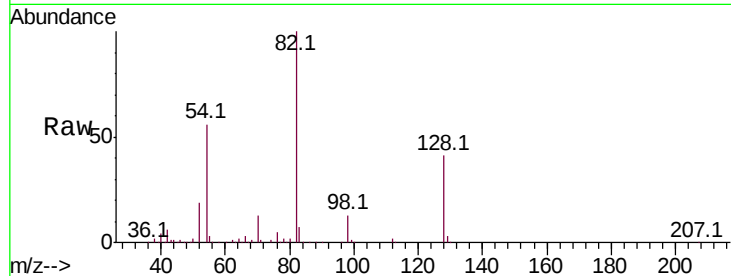
#23
 Nitrobenzene-d5
 Concen: 79.496 ng
 RT: 9.21 min Scan# 1008
 Delta R.T. -0.01 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MSD

Tot Ion	Ratio	Lower	Upper
82	100		
128	40.8	33.3	49.9
54	55.8	45.1	67.7

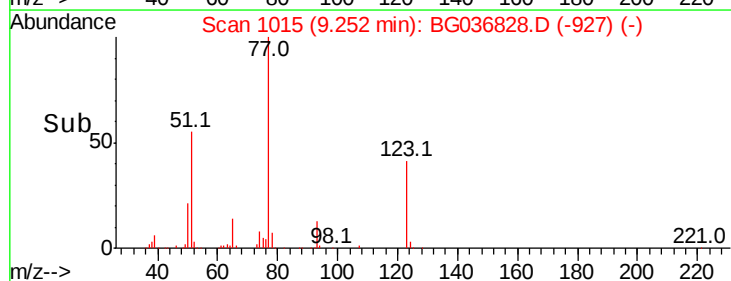
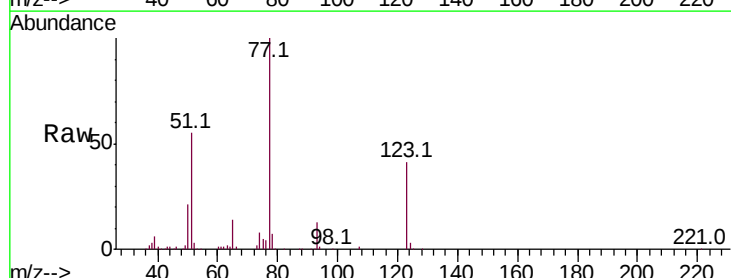
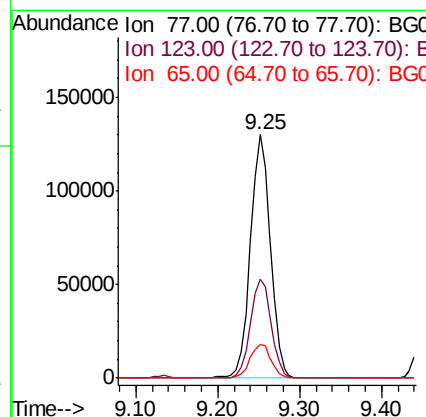
Manual Integrations
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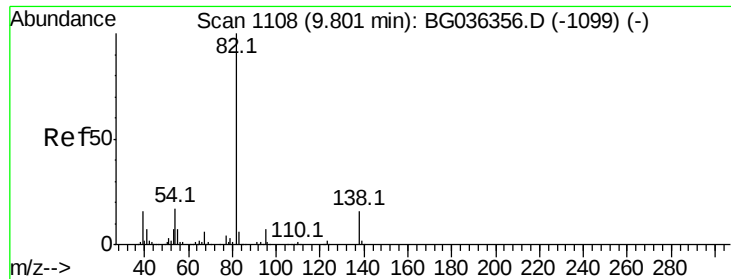
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#24
 Nitrobenzene
 Concen: 45.428 ng
 RT: 9.25 min Scan# 1015
 Delta R.T. -0.01 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
77	100		
123	40.9	32.4	48.6
65	14.1	11.5	17.3





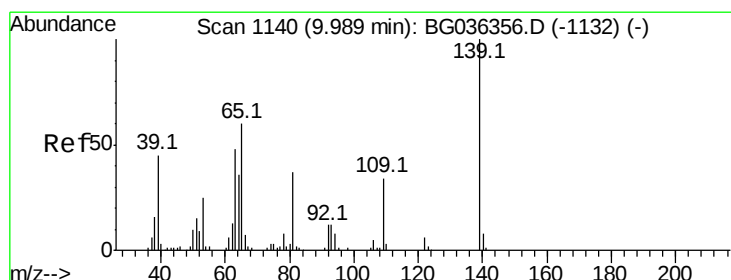
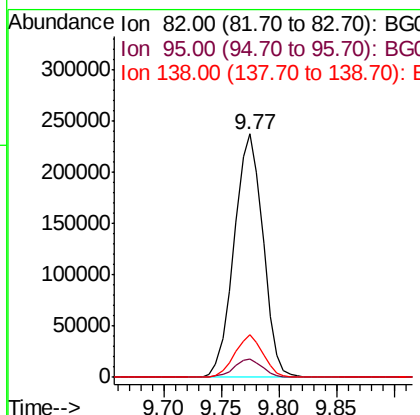
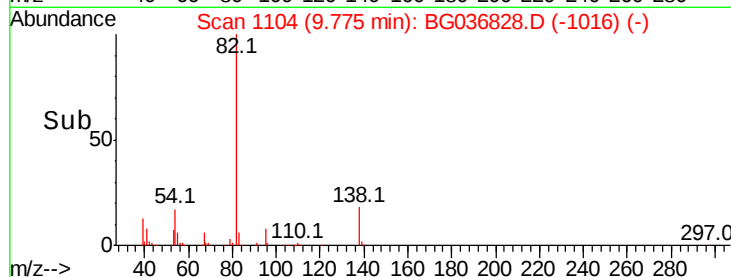
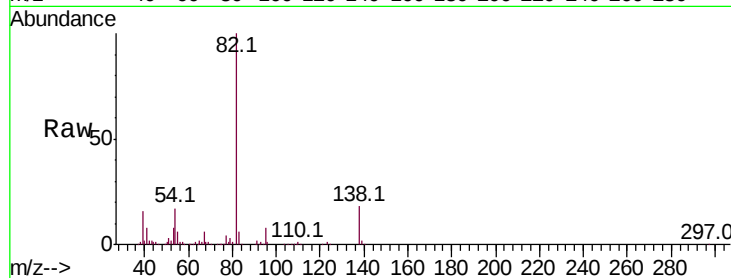
#25
Isophorone
Concen: 45.928 ng
RT: 9.77 min Scan# 1104
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion	Ratio	Resp	Lower	Upper
82	100			
95	7.6	5.8	8.8	
138	17.7	12.9	19.3	

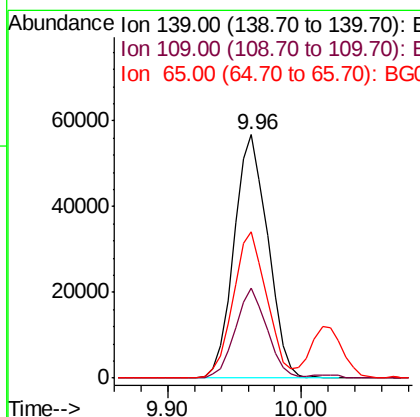
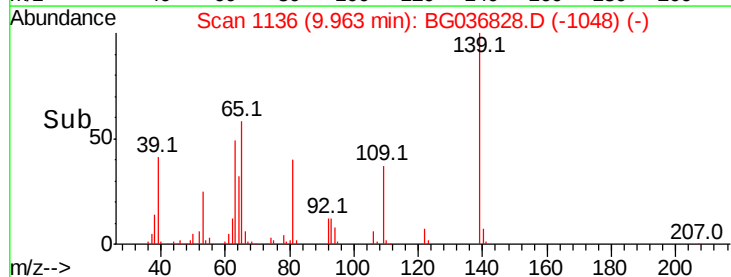
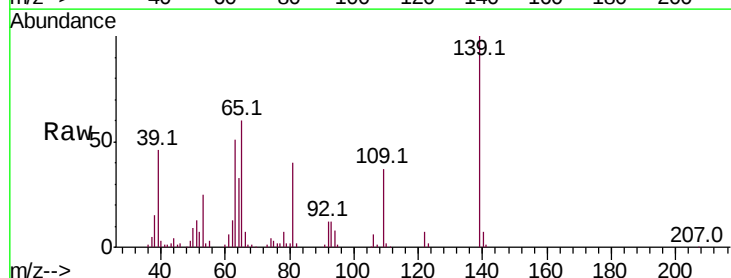
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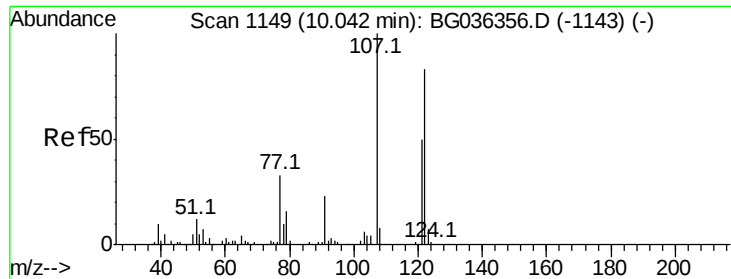
Sohil
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#26
2-Nitrophenol
Concen: 51.751 ng
RT: 9.96 min Scan# 1136
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
139	100			
109	37.0	27.4	41.0	
65	60.1	47.8	71.6	





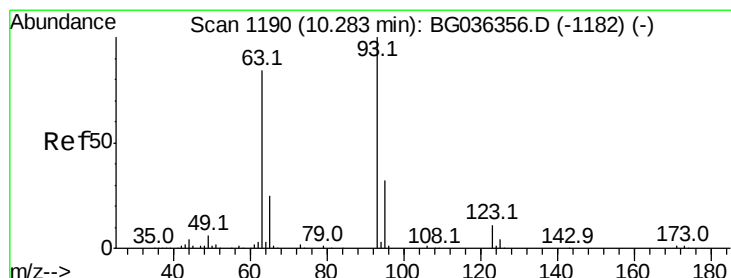
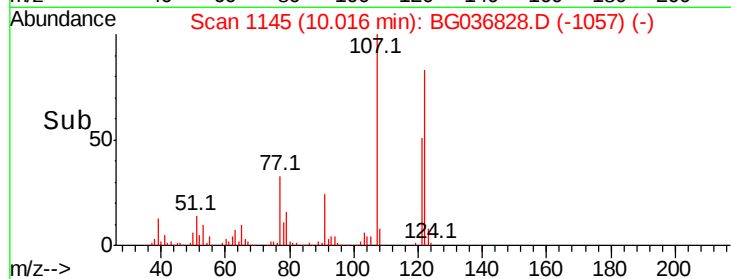
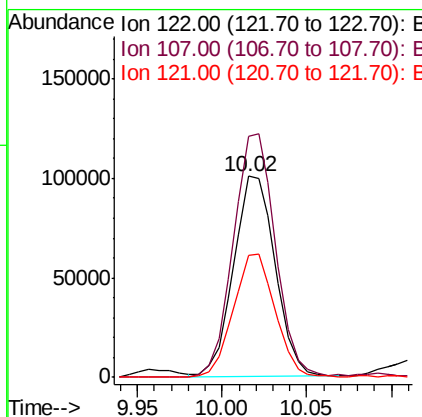
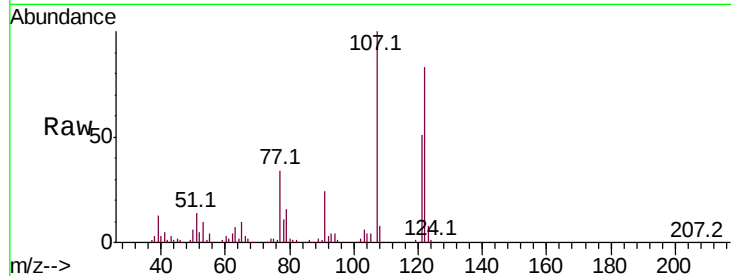
#27
2,4-Dimethylphenol
Concen: 48.314 ng
RT: 10.02 min Scan# 1145
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion	Ratio	Resp	Lower	Upper
122	100	172656		
107	120.0	96.0	144.0	
121	61.0	48.2	72.4	

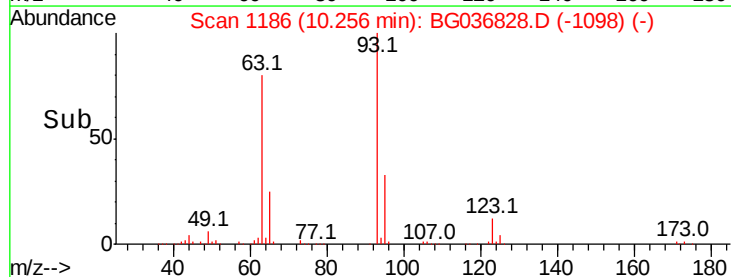
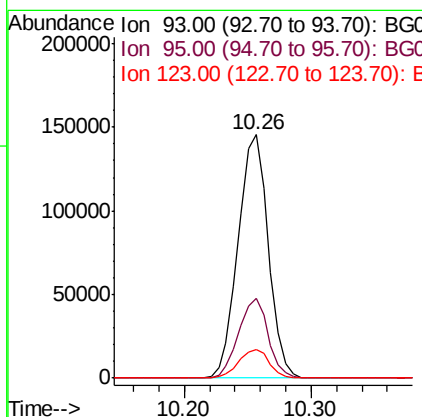
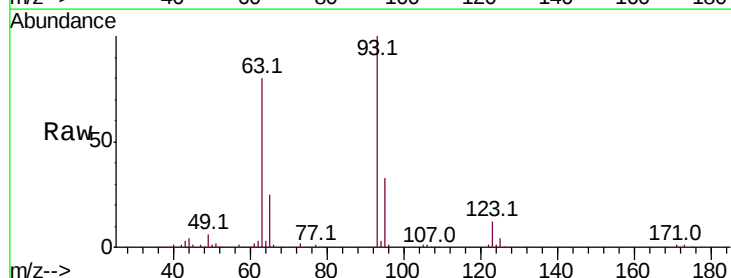
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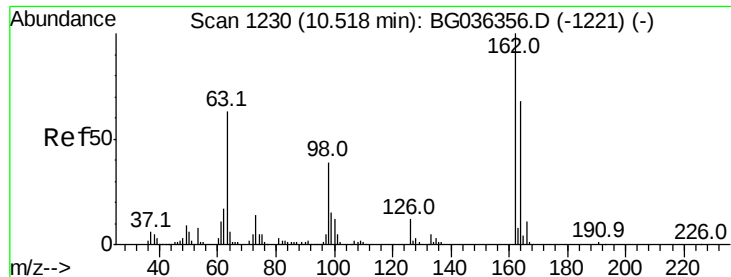
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#28
bis(2-Chloroethoxy)methane
Concen: 43.585 ng
RT: 10.26 min Scan# 1186
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
93	100	240042		
95	33.0	25.2	37.8	
123	11.9	8.6	12.8	





#29

2,4-Dichlorophenol

Concen: 48.320 ng

RT: 10.50 min Scan# 1227

Delta R.T. -0.01 min

Lab File: BG036828.D

Acq: 19 Sep 2018 20:37

Instrument :

BNA_G

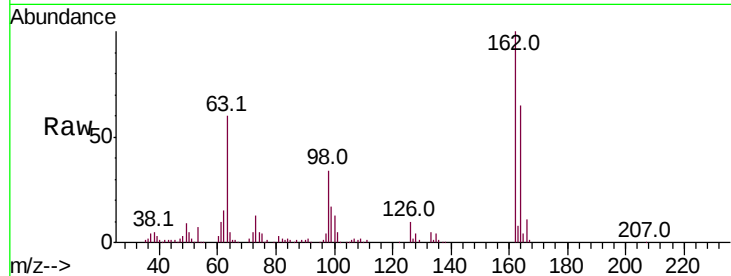
ClientSampleId :

HD-02-091718MSD

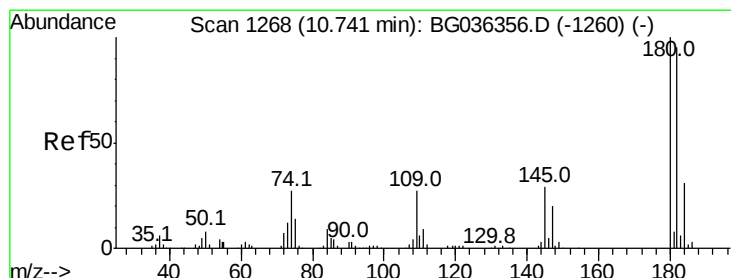
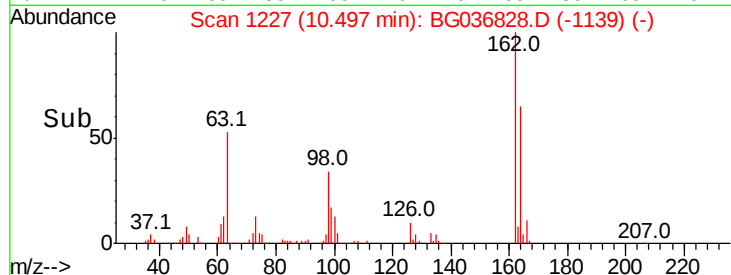
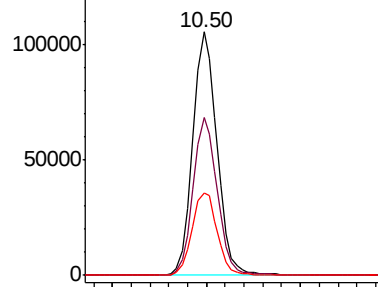
Tot Ion:	162	Resp:	189245
Ion Ratio	Lower	Upper	
162	100		
164	64.8	47.6	87.6
98	33.7	19.2	59.2

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Abundance Ion 162.00 (161.70 to 162.70): E
Ion 164.00 (163.70 to 164.70): E
Ion 98.00 (97.70 to 98.70): BGC



#30

1,2,4-Trichlorobenzene

Concen: 41.651 ng

RT: 10.71 min Scan# 1264

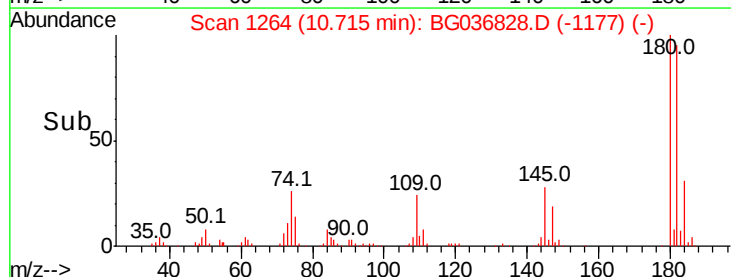
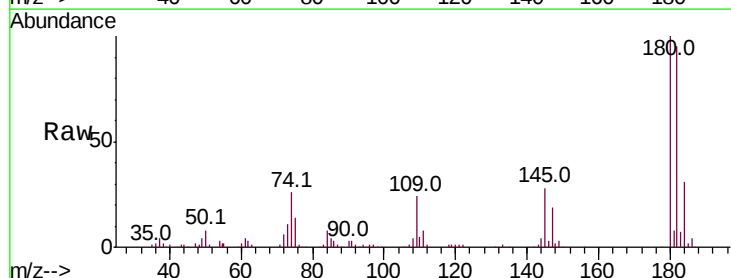
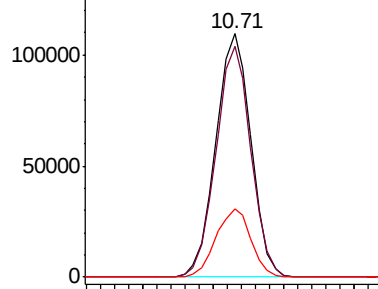
Delta R.T. -0.02 min

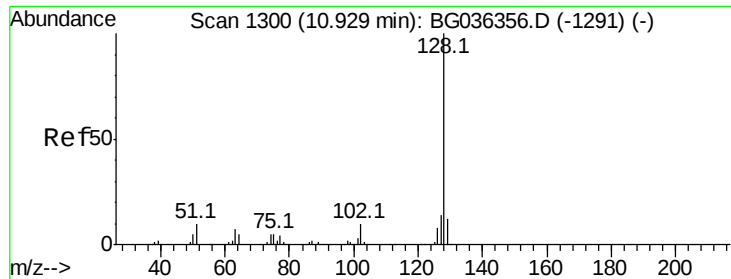
Lab File: BG036828.D

Acq: 19 Sep 2018 20:37

Tgt Ion:	180	Resp:	190830
Ion Ratio	Lower	Upper	
180	100		
182	94.8	76.0	114.0
145	28.1	22.9	34.3

Abundance Ion 180.00 (179.70 to 180.70): E
Ion 182.00 (181.70 to 182.70): E
Ion 145.00 (144.70 to 145.70): E





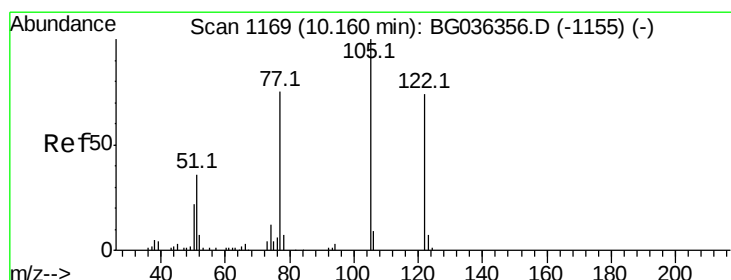
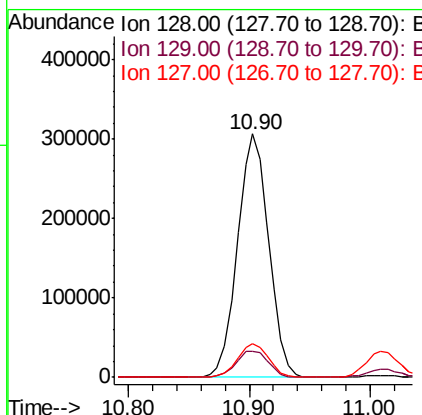
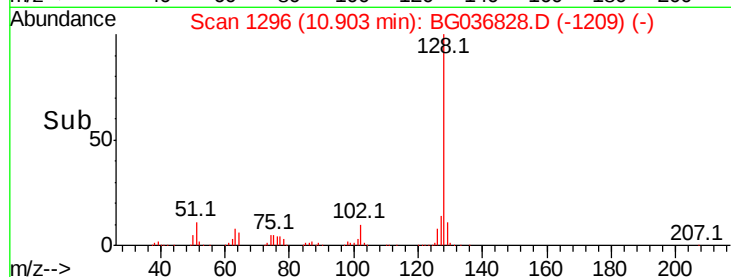
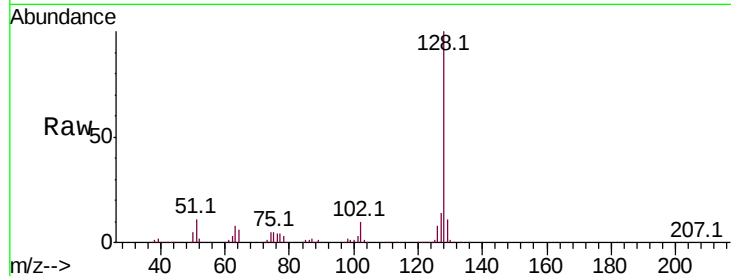
#31
Naphthalene
Concen: 44.863 ng
RT: 10.90 min Scan# 1296
Delta R.T. -0.02 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion	Ratio	Resp	Lower	Upper
128	100			
129	10.9	9.4	14.2	
127	13.9	11.0	16.4	

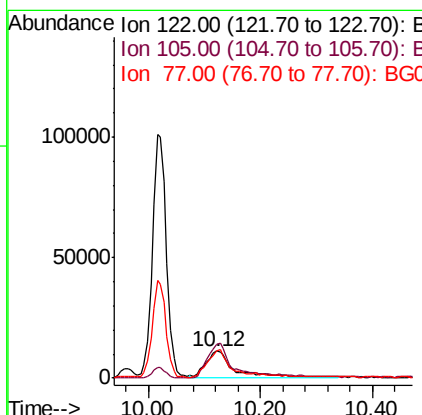
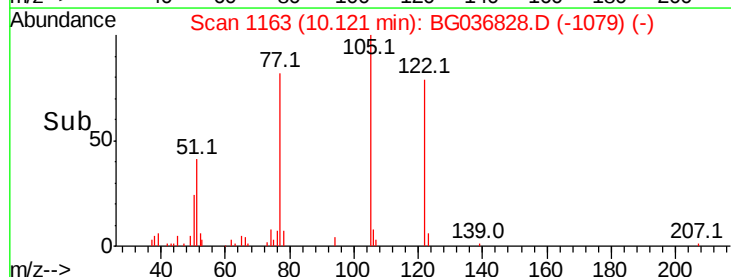
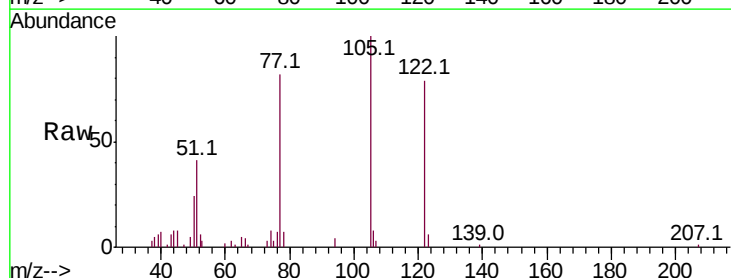
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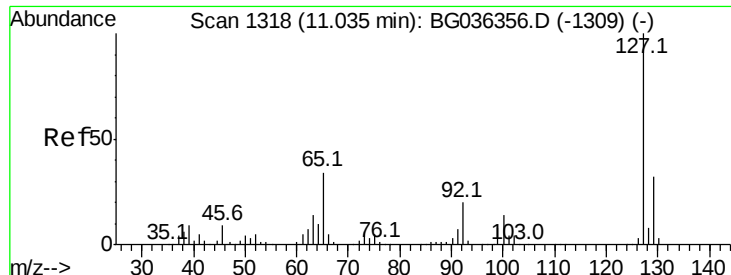
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#32
Benzoic acid
Concen: 18.602 ng m
RT: 10.12 min Scan# 1163
Delta R.T. -0.03 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
122	100			
105	126.8	108.1	148.1	
77	103.7	76.3	116.3	





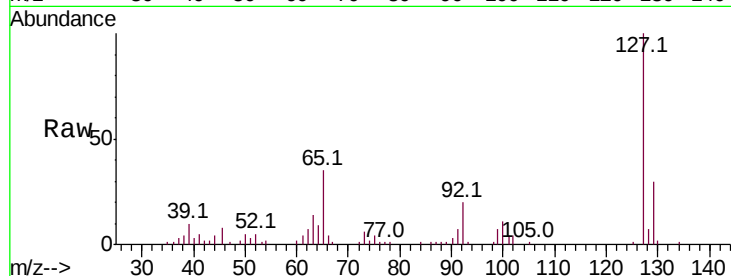
#33
4-Chloroaniline
Concen: 11.508 ng
RT: 11.01 min Scan# 1314
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion	Ion	Ratio	Resp	Lower	Upper
127	100		64607		
129	29.7	25.9	38.9		
65	34.7	27.5	41.3		
92	19.6	16.2	24.2		

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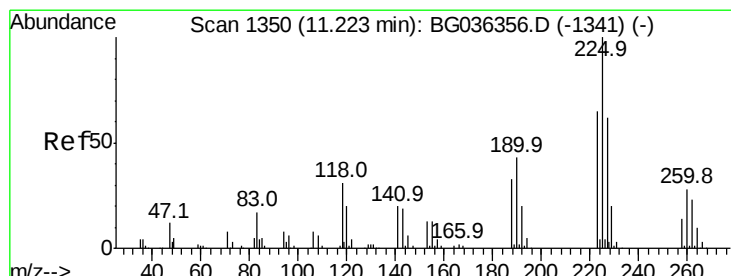
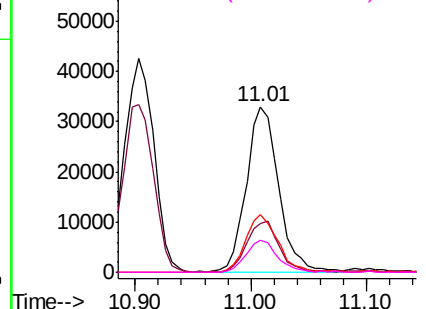
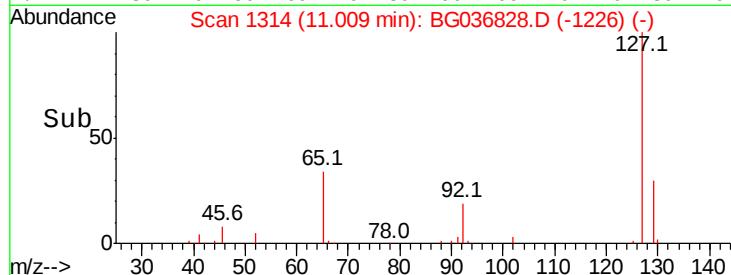
Abundance

Ion 127.00 (126.70 to 127.70): E

Ion 129.00 (128.70 to 129.70): E

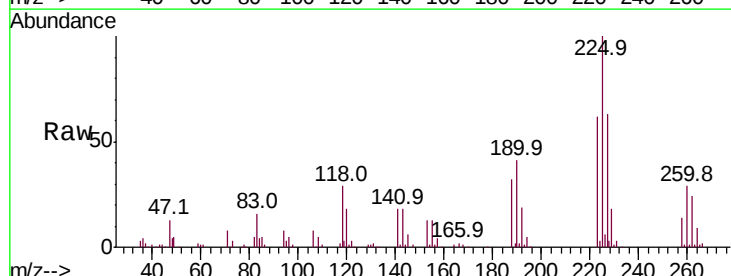
Ion 65.00 (64.70 to 65.70): BG

Ion 92.00 (91.70 to 92.70): BG



#34
Hexachlorobutadiene
Concen: 42.074 ng
RT: 11.18 min Scan# 1344
Delta R.T. -0.02 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ion	Ratio	Resp	Lower	Upper
225	100		129520		
223	61.9	51.8	77.8		
227	63.3	49.8	74.6		

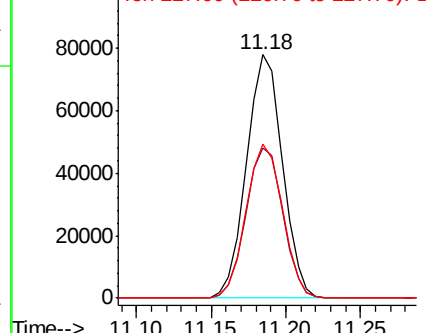
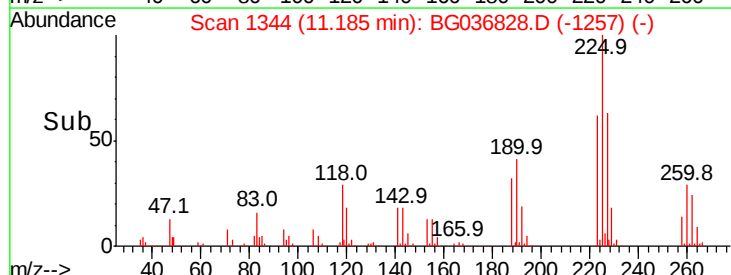


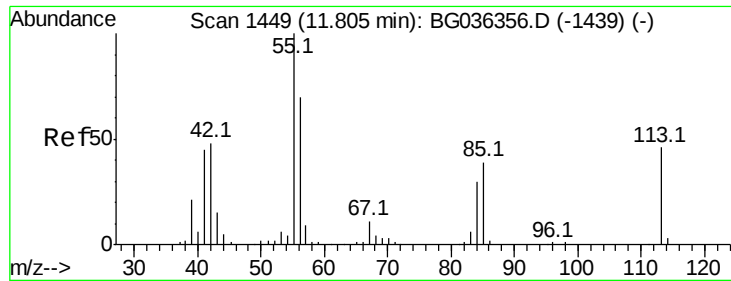
Abundance

Ion 225.00 (224.70 to 225.70): E

Ion 223.00 (222.70 to 223.70): E

Ion 227.00 (226.70 to 227.70): E





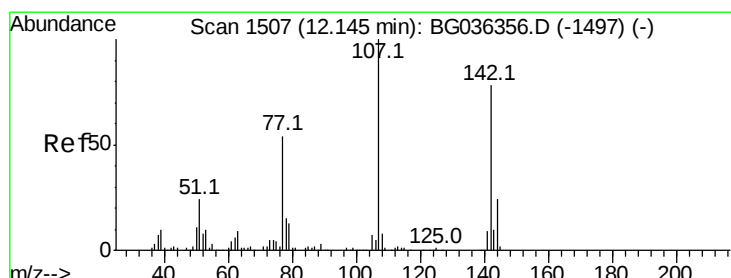
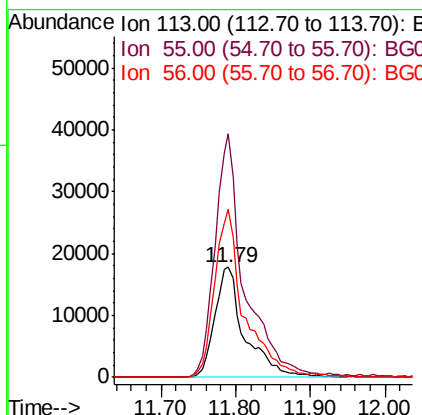
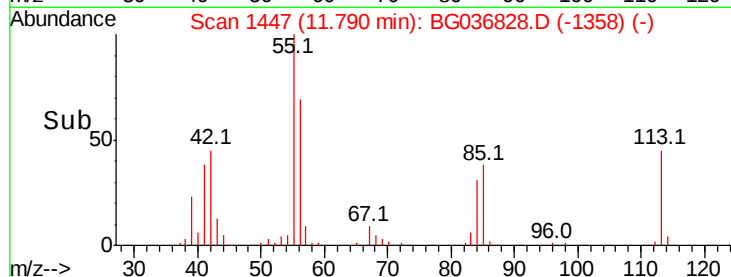
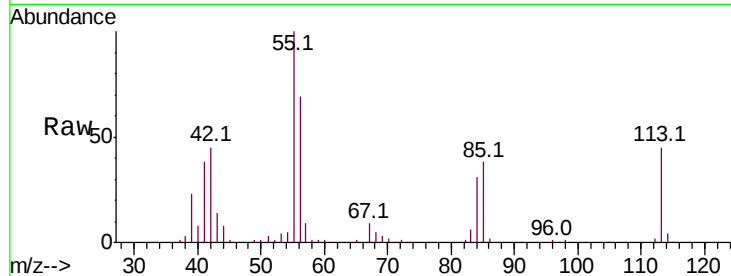
#35
 Caprolactam
 Concen: 31.719 ng
 RT: 11.79 min Scan# 1447
 Delta R.T. -0.00 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MSD

Tot Ion:113 Resp: 49488
 Ion Ratio Lower Upper
 113 100
 55 220.5 197.7 237.7
 56 152.6 131.7 171.7

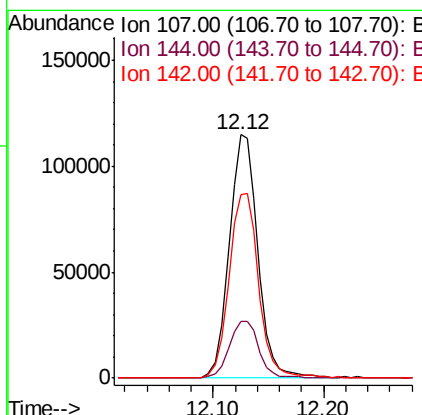
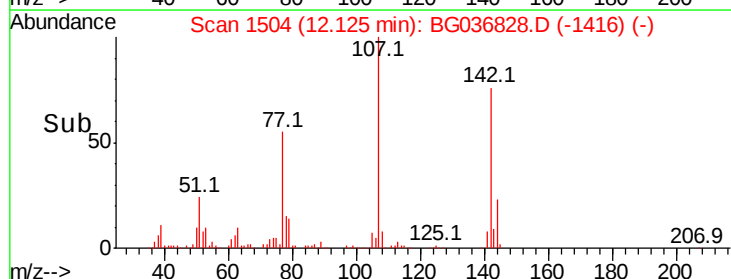
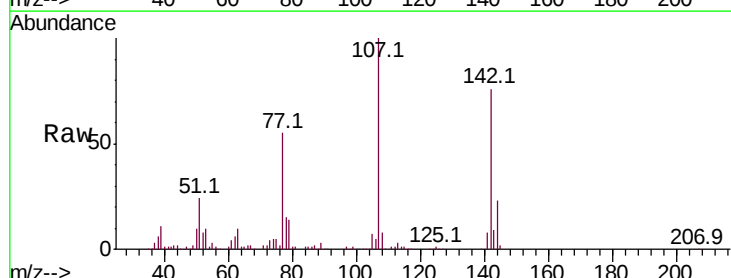
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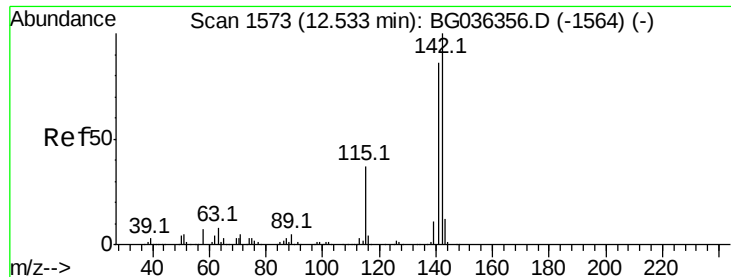
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#36
 4-Chloro-3-methylphenol
 Concen: 45.920 ng
 RT: 12.12 min Scan# 1504
 Delta R.T. -0.01 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Tgt Ion:107 Resp: 208975
 Ion Ratio Lower Upper
 107 100
 144 23.3 19.5 29.3
 142 75.5 62.4 93.6





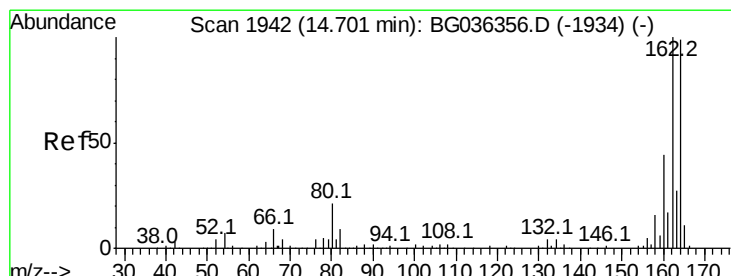
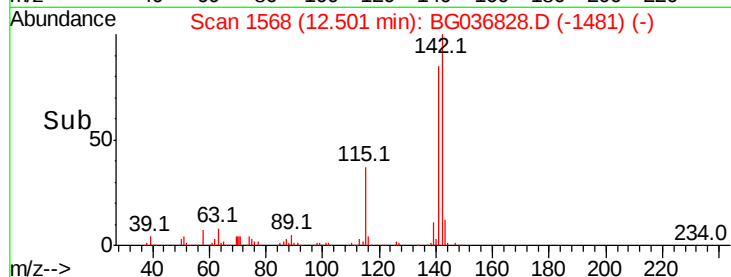
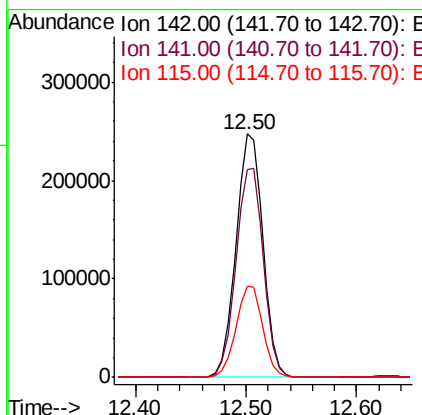
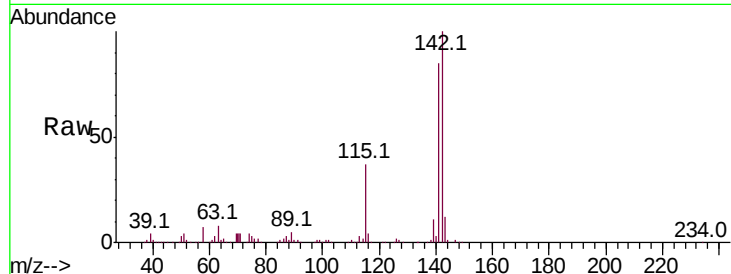
#37
2-Methylnaphthalene
Concen: 47.217 ng
RT: 12.50 min Scan# 1568
Delta R.T. -0.02 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion	Ratio	Lower	Upper
142	100		
141	85.4	68.5	102.7
115	37.4	29.8	44.8

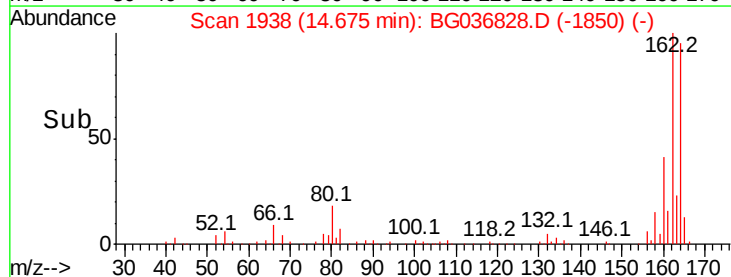
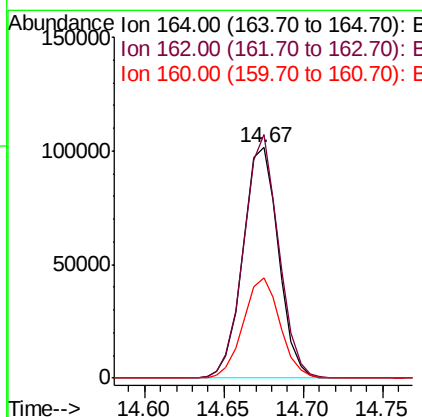
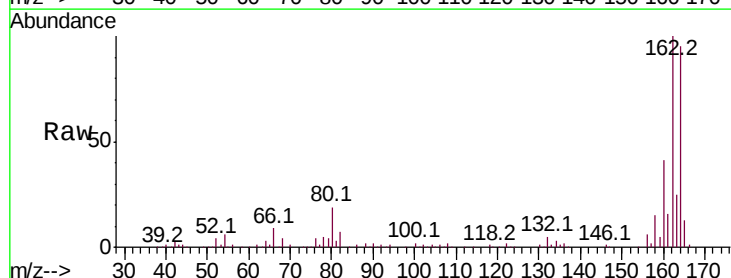
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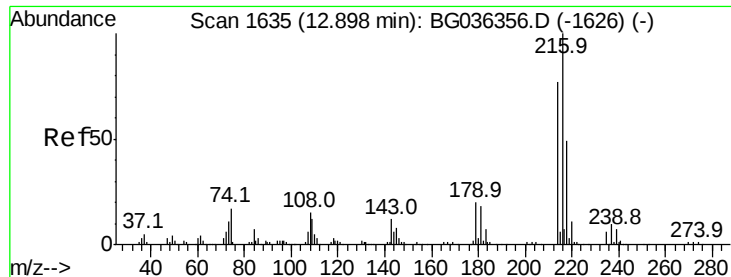
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#38
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.67 min Scan# 1938
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
164	100		
162	105.7	80.7	121.1
160	43.5	35.3	52.9





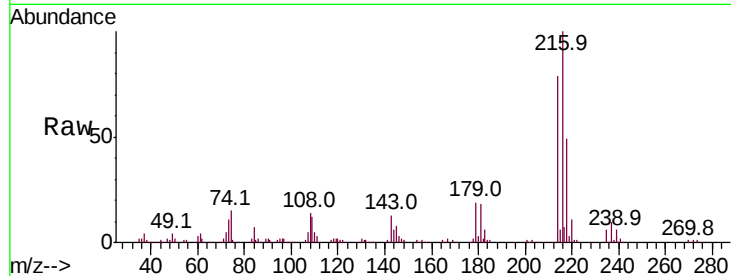
#39
 1,2,4,5-Tetrachlorobenzene
 Concen: 43.418 ng
 RT: 12.87 min Scan# 1631
 Delta R.T. -0.01 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MSD

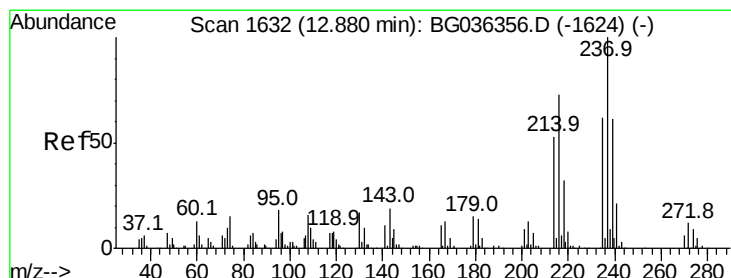
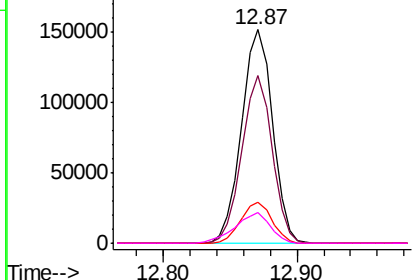
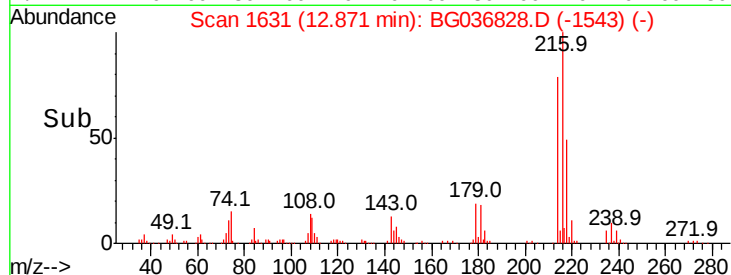
Tot Ion	Ratio	Resp	Lower	Upper
216	100	242743		
214	76.8	61.0	91.6	
179	19.3	15.7	23.5	
108	16.4	13.1	19.7	

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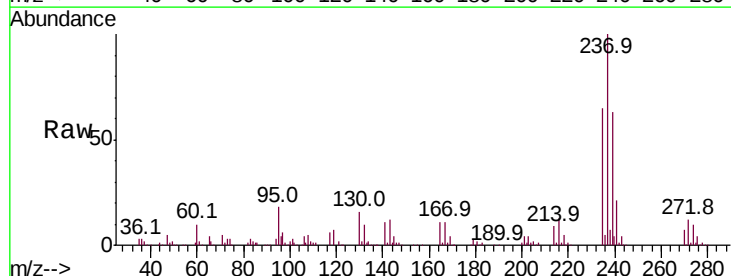


Abundance Ion 216.00 (215.70 to 216.70): E
 Ion 214.00 (213.70 to 214.70): E
 Ion 179.00 (178.70 to 179.70): E
 Ion 108.00 (107.70 to 108.70): E

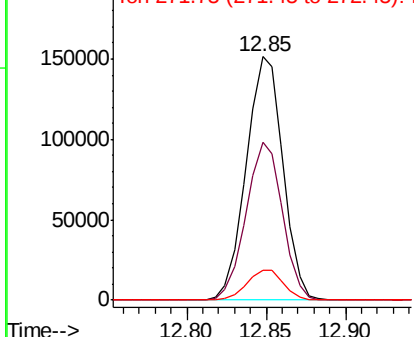
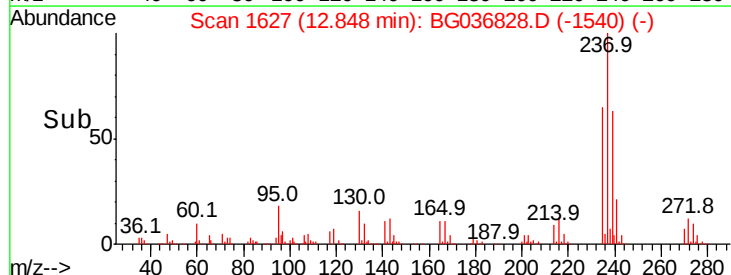


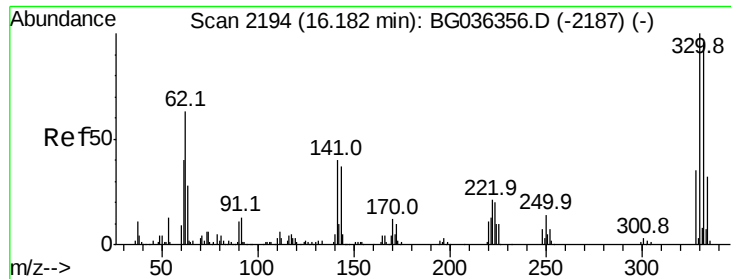
#40
 Hexachlorocyclopentadiene
 Concen: 83.700 ng
 RT: 12.85 min Scan# 1627
 Delta R.T. -0.02 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
237	100	243474		
235	65.0	42.2	82.2	
272	12.2	0.0	32.1	



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





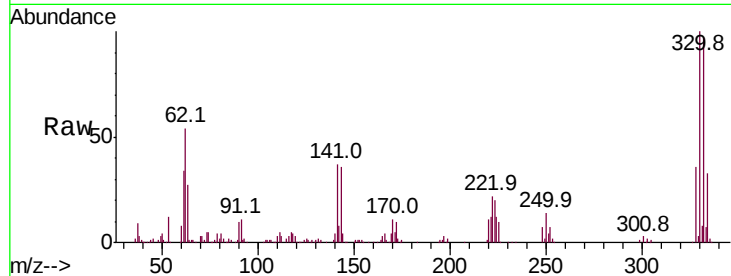
#41
 2,4,6-Tribromophenol
 Concen: 118.585 ng
 RT: 16.16 min Scan# 2191
 Delta R.T. -0.01 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MSD

Tot Ion	Ratio	Resp	Lower	Upper
330	100	223542		
332	96.2	75.4	113.2	
141	37.4	30.7	46.1	

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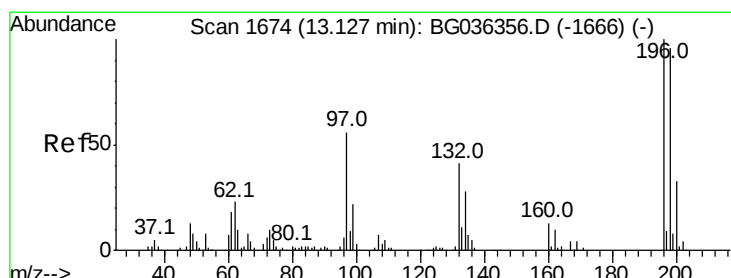
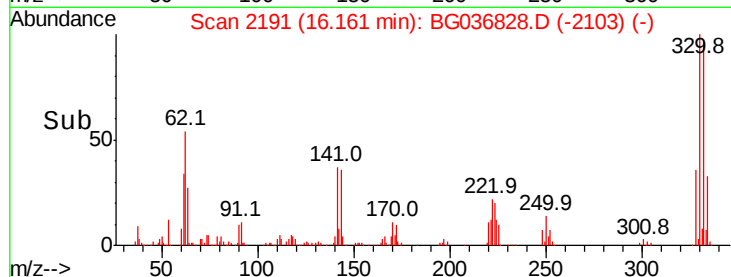
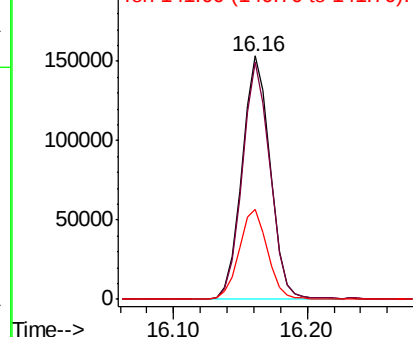


Abundance

Ion 329.80 (329.50 to 330.50): E

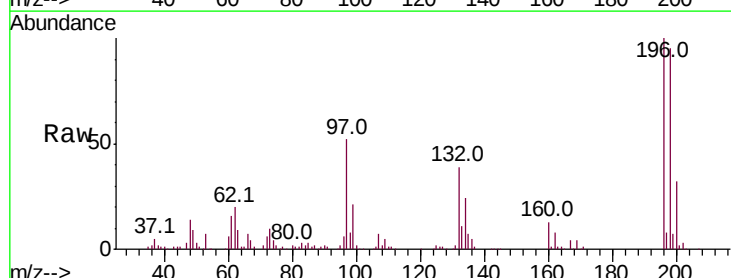
Ion 331.80 (331.50 to 332.50): E

Ion 141.00 (140.70 to 141.70): E



#42
 2,4,6-Trichlorophenol
 Concen: 47.882 ng
 RT: 13.11 min Scan# 1671
 Delta R.T. -0.01 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
196	100	163069		
198	94.8	77.2	115.8	
200	31.7	26.3	39.5	

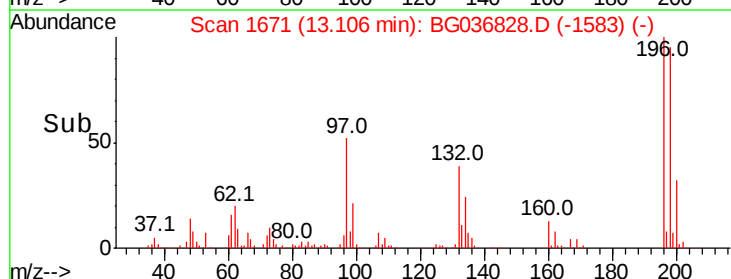
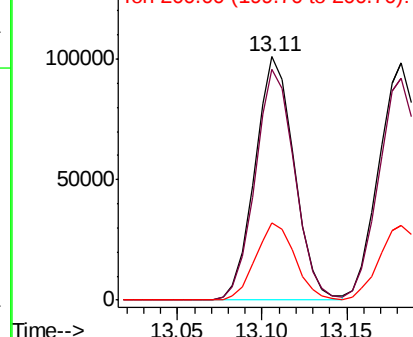


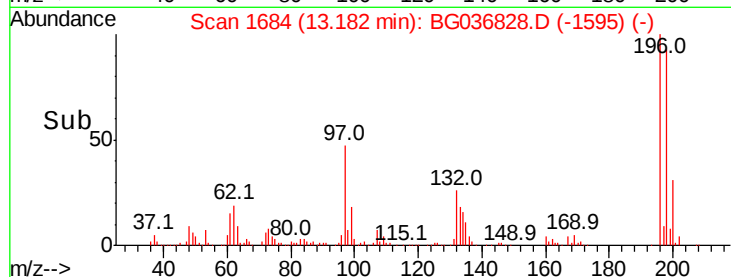
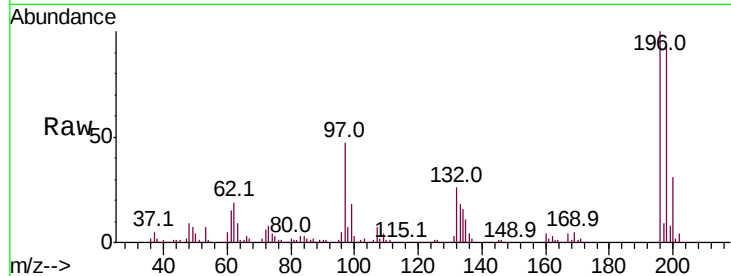
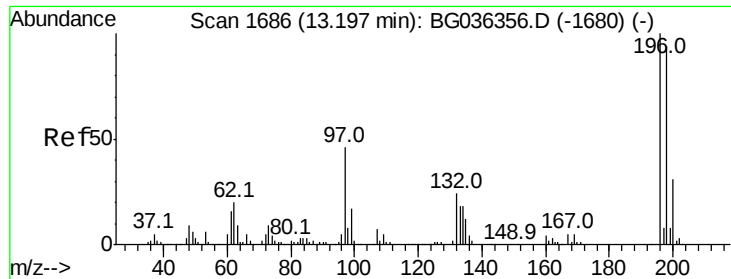
Abundance

Ion 196.00 (195.70 to 196.70): E

Ion 198.00 (197.70 to 198.70): E

Ion 200.00 (199.70 to 200.70): E





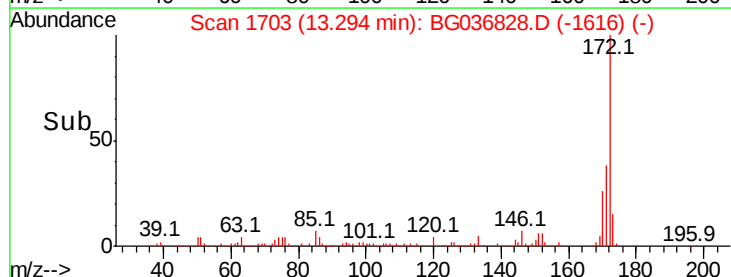
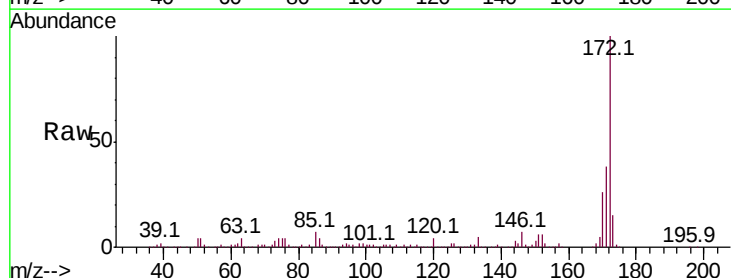
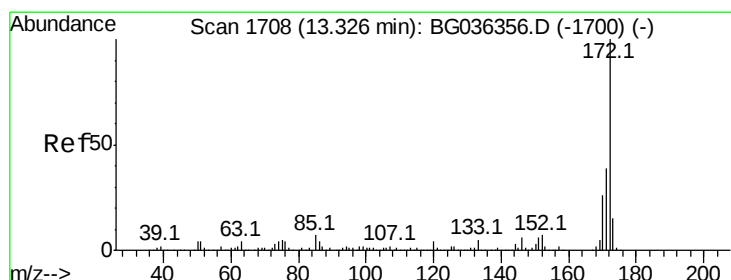
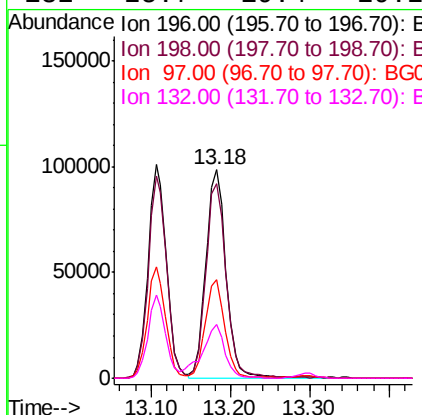
#43
2,4,5-Trichlorophenol
Concen: 48.072 ng
RT: 13.18 min Scan# 1684
Delta R.T. -0.00 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tot Ion	196	Resp	174621
Ion Ratio	100	Lower	Upper
196	100		
198	93.5	75.6	113.4
97	47.0	37.2	55.8
132	25.7	19.4	29.2

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

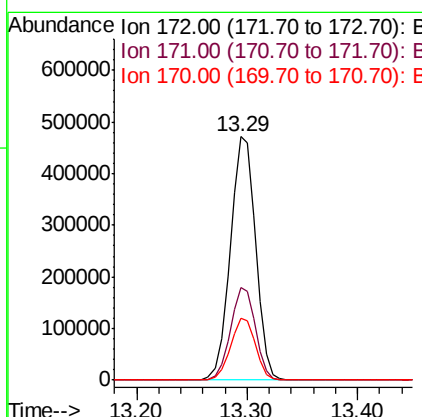
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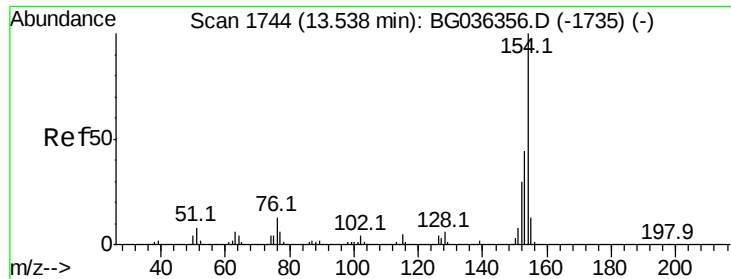
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#44
2-Fluorobiphenyl
Concen: 68.390 ng
RT: 13.29 min Scan# 1703
Delta R.T. -0.02 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	172	Resp	756711
Ion Ratio	100	Lower	Upper
172	100		
171	38.0	31.3	46.9
170	25.6	21.0	31.6





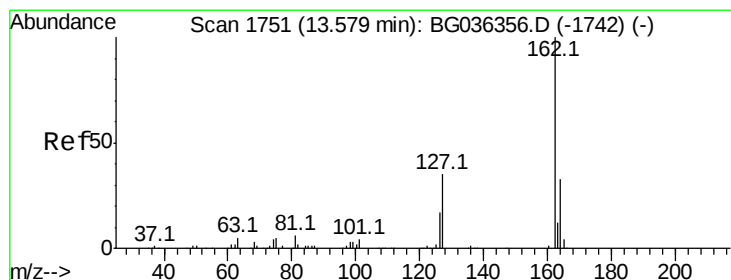
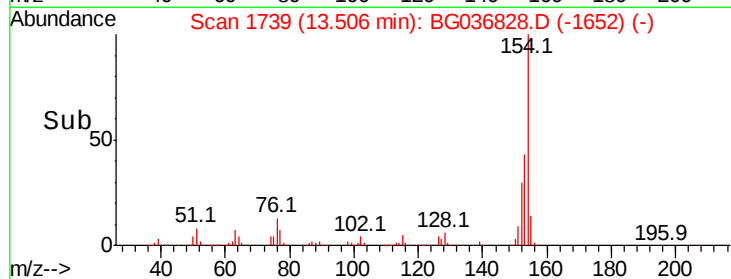
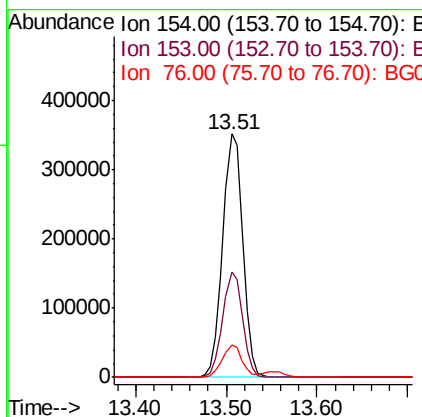
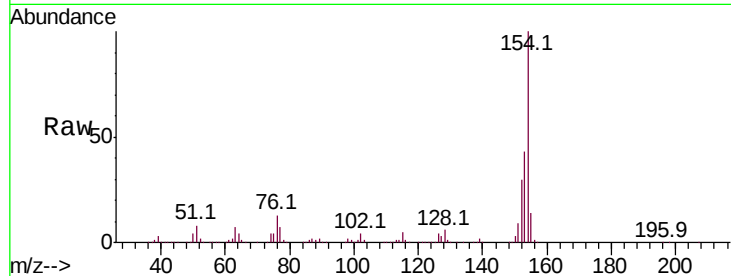
#45
 1,1'-Biphenyl
 Concen: 41.200 ng
 RT: 13.51 min Scan# 1739
 Delta R.T. -0.02 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MSD

Tot Ion	Ratio	Resp	Lower	Upper
154	100			
153	43.0	24.0	64.0	
76	13.2	0.0	32.9	

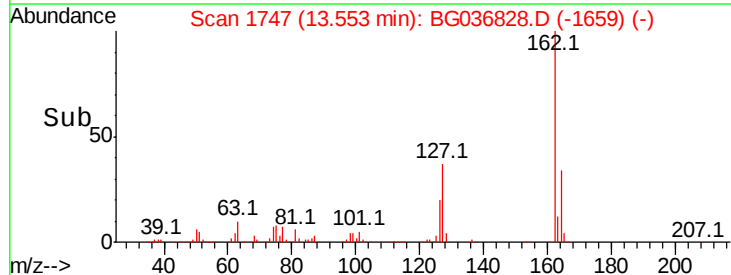
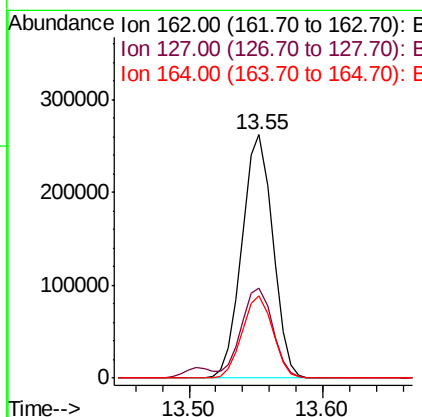
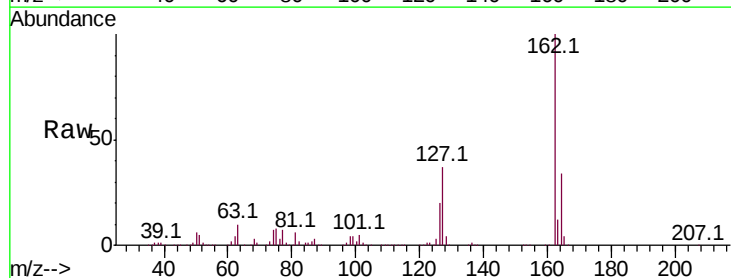
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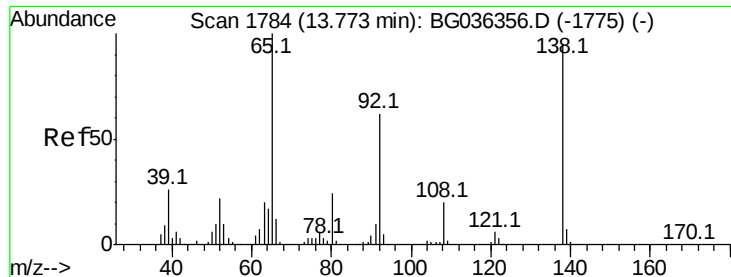
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#46
 2-Chloronaphthalene
 Concen: 42.013 ng
 RT: 13.55 min Scan# 1747
 Delta R.T. -0.01 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
162	100			
127	36.9	30.7	46.1	
164	33.9	26.7	40.1	





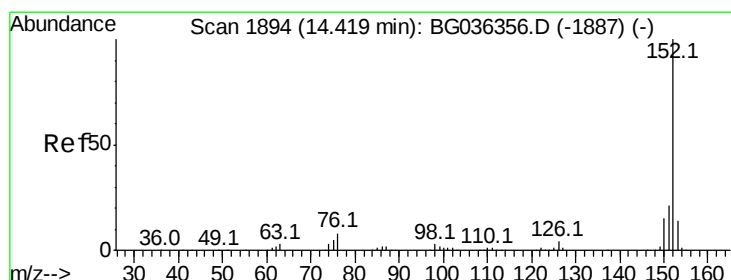
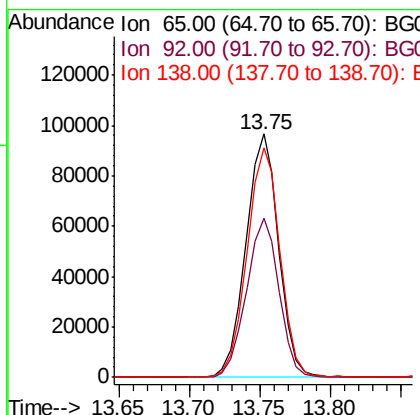
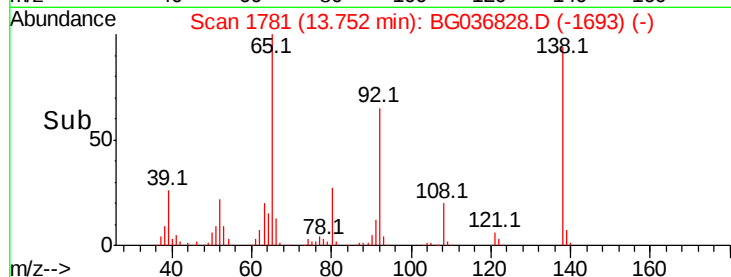
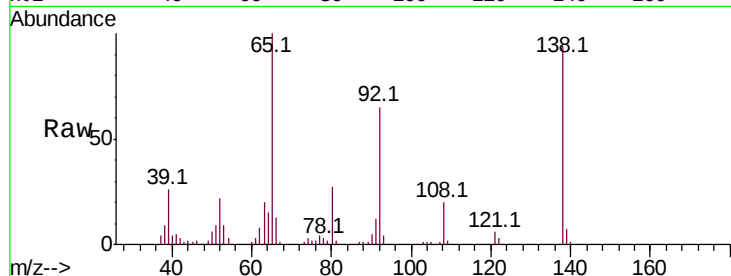
#47
2-Nitroaniline
Concen: 49.879 ng
RT: 13.75 min Scan# 1781
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion	Ratio	Lower	Upper
65	100		
92	65.2	49.9	74.9
138	94.4	76.2	114.4

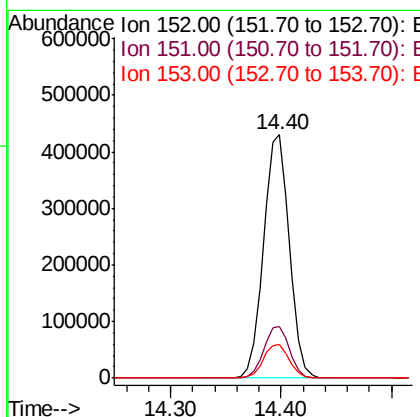
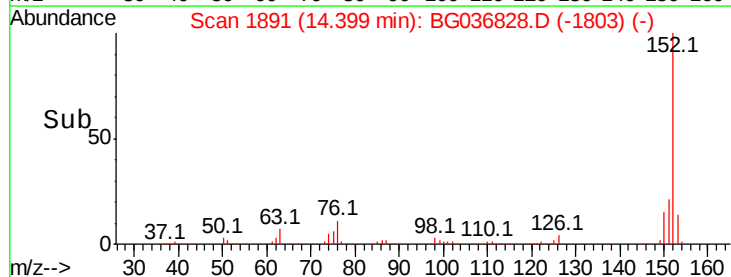
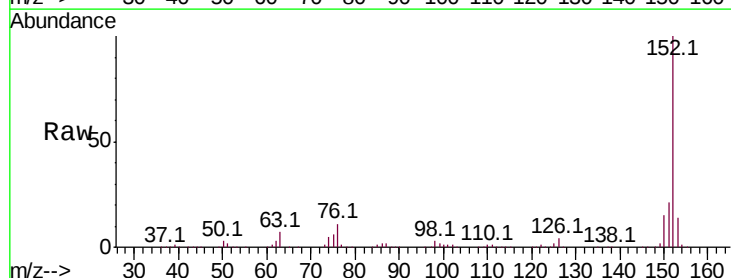
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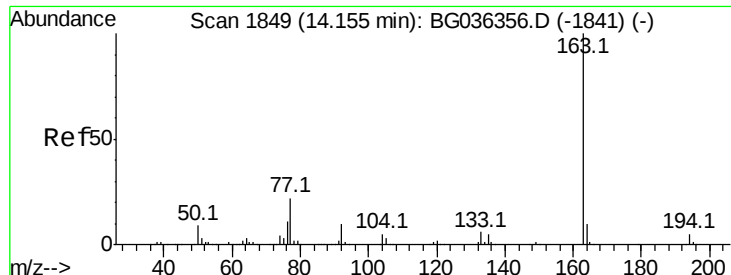
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#48
Acenaphthylene
Concen: 44.895 ng
RT: 14.40 min Scan# 1891
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
152	100		
151	21.1	16.9	25.3
153	13.6	11.2	16.8





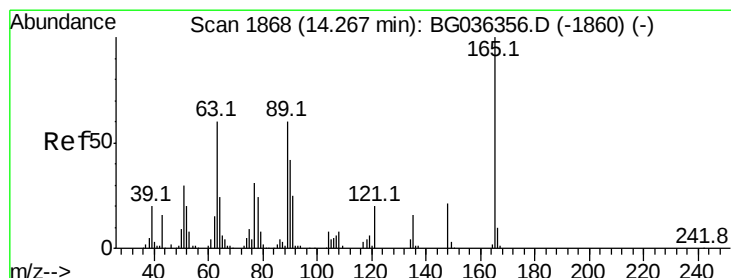
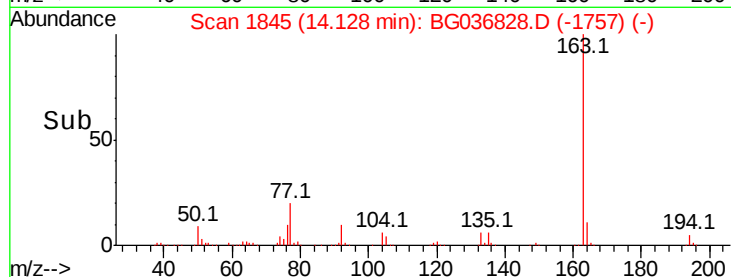
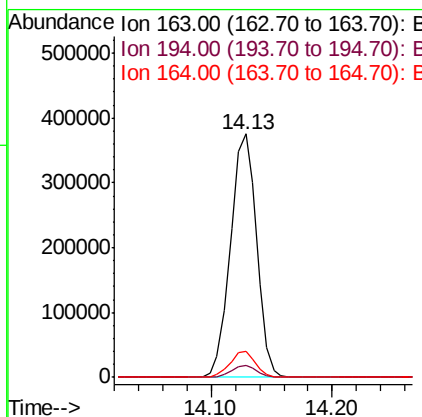
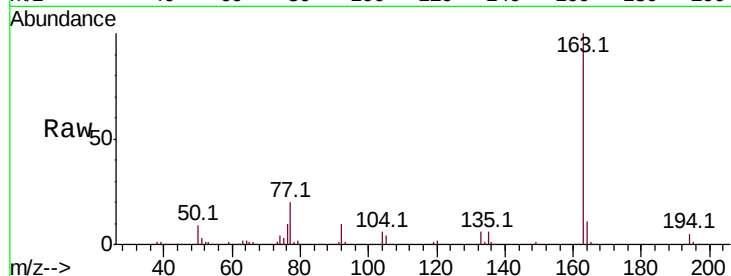
#49
Dimethylphthalate
Concen: 43.826 ng
RT: 14.13 min Scan# 1845
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion	Ratio	Resp	Lower	Upper
163	100			
194	4.9	4.0	6.0	
164	10.7	8.1	12.1	

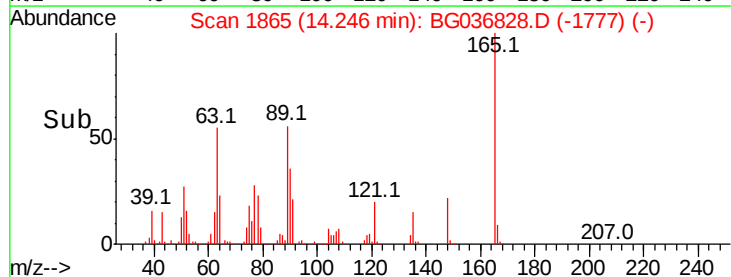
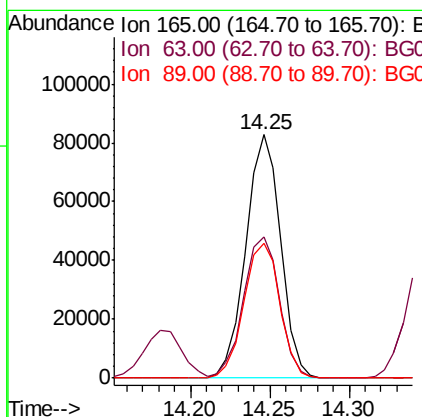
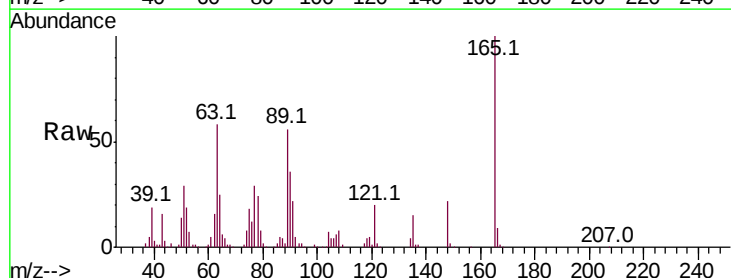
Manual Integrations
APPROVED

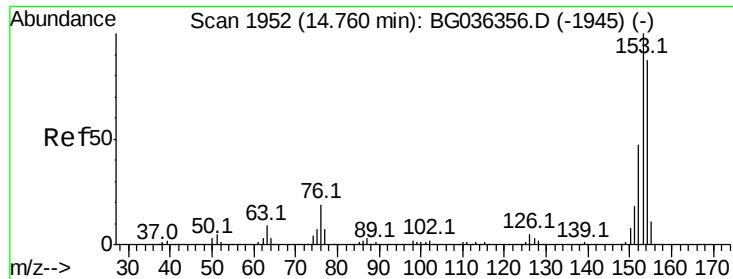
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#50
2,6-Dinitrotoluene
Concen: 47.492 ng
RT: 14.25 min Scan# 1865
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100			
63	58.2	50.1	75.1	
89	55.6	47.8	71.6	





#51

Acenaphthene

Concen: 41.210 ng

RT: 14.74 min Scan# 1949

Delta R.T. -0.01 min

Lab File: BG036828.D

Acq: 19 Sep 2018 20:37

Instrument :

BNA_G

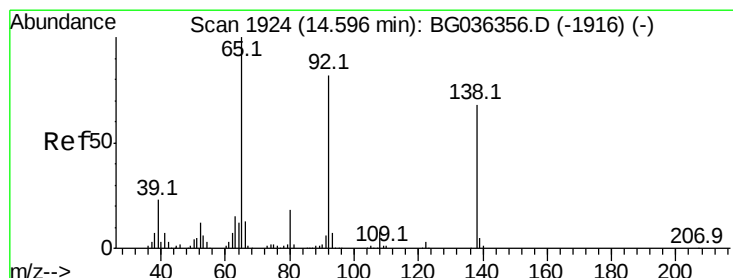
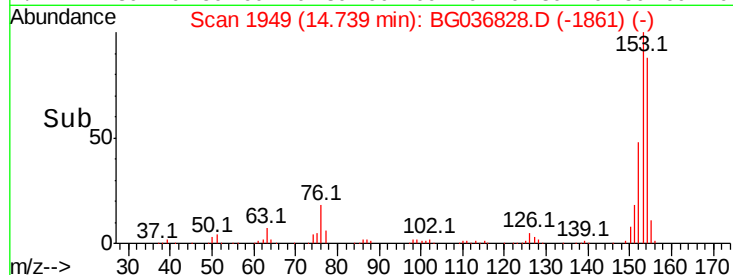
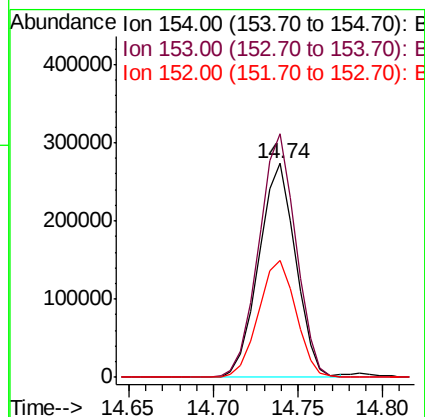
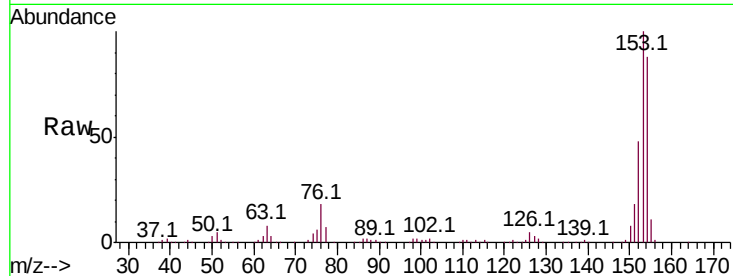
ClientSampleId :

HD-02-091718MSD

Tot Ion:	154	Resp:	412939
Ion Ratio	Lower	Upper	
154	100		
153	113.9	91.8	137.6
152	54.7	43.5	65.3

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#52

3-Nitroaniline

Concen: 33.445 ng

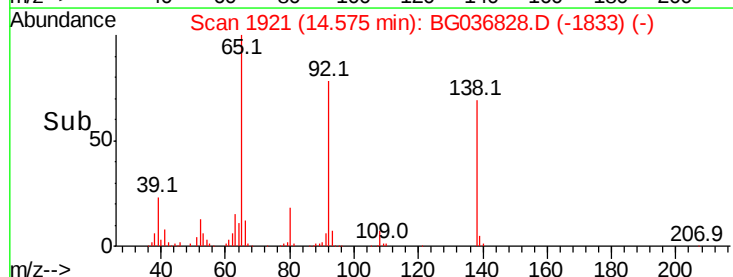
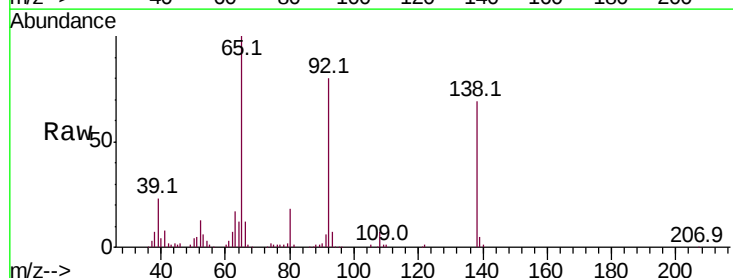
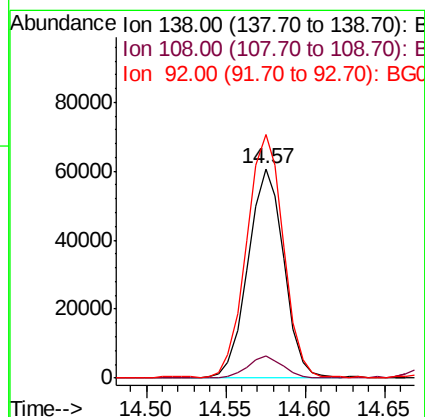
RT: 14.57 min Scan# 1921

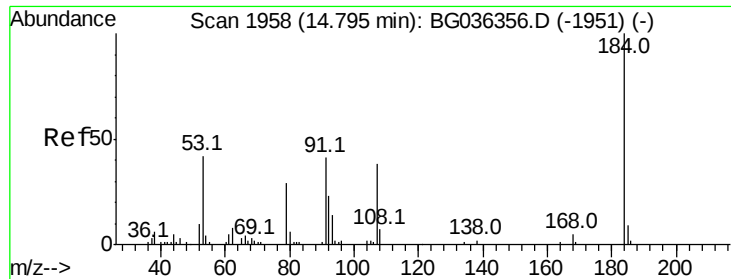
Delta R.T. -0.01 min

Lab File: BG036828.D

Acq: 19 Sep 2018 20:37

Tgt Ion:	138	Resp:	95670
Ion Ratio	Lower	Upper	
138	100		
108	10.7	9.4	14.2
92	116.4	96.8	145.2





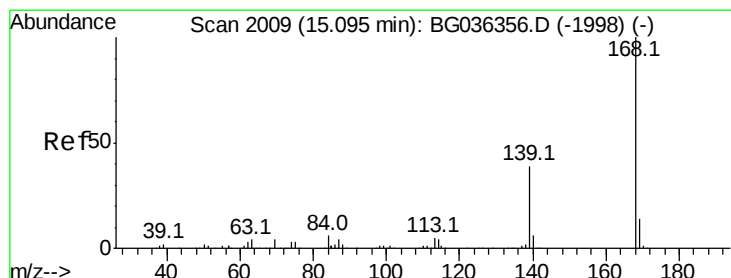
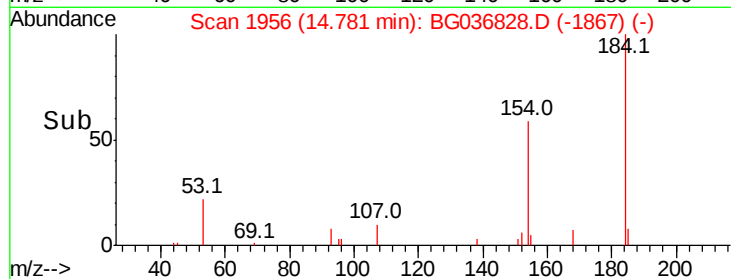
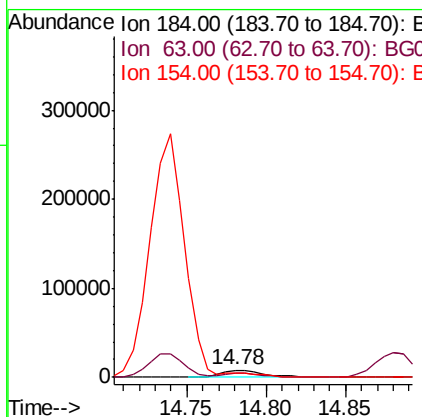
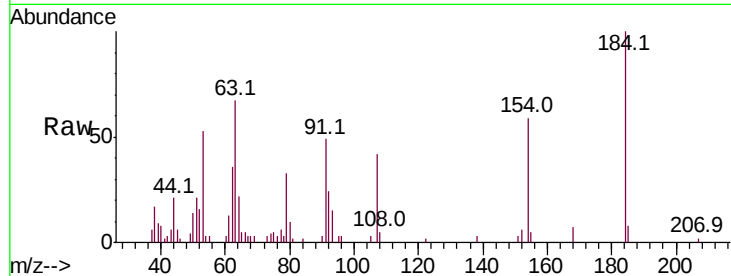
#53
 2,4-Dinitrophenol
 Concen: 15.232 ng
 RT: 14.78 min Scan# 1956
 Delta R.T. -0.00 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MSD

Tot Ion	Ratio	Lower	Upper
184	100		
63	67.4	47.3	70.9
154	59.3	51.1	76.7

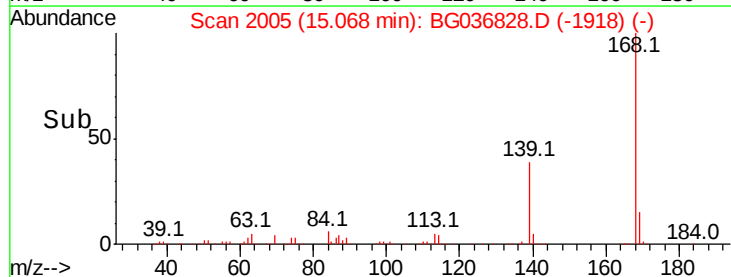
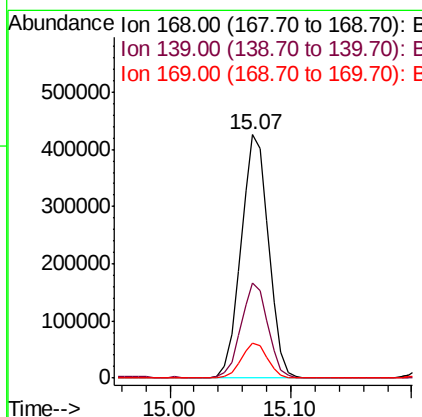
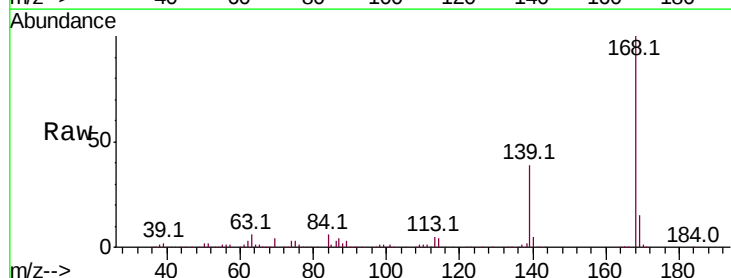
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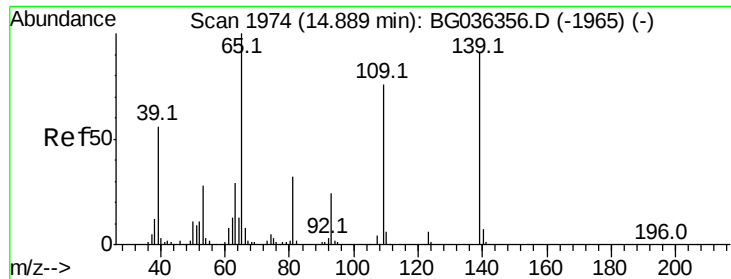
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#54
 Dibenzofuran
 Concen: 42.920 ng
 RT: 15.07 min Scan# 2005
 Delta R.T. -0.02 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
168	100		
139	38.9	31.0	46.6
169	14.5	11.1	16.7





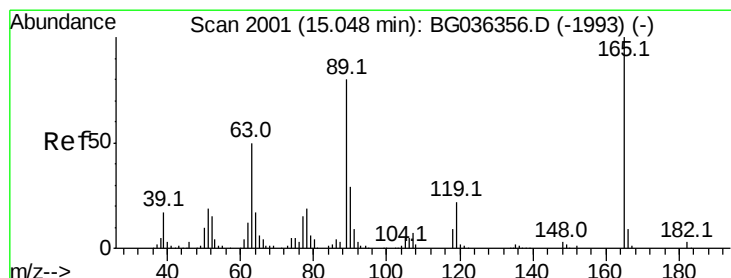
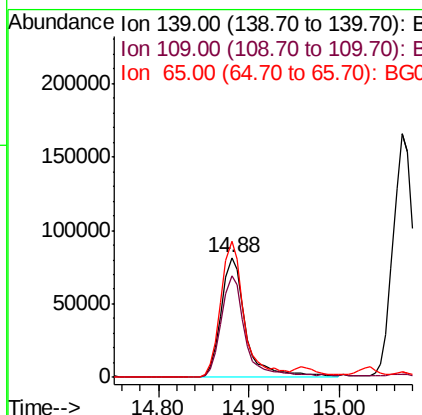
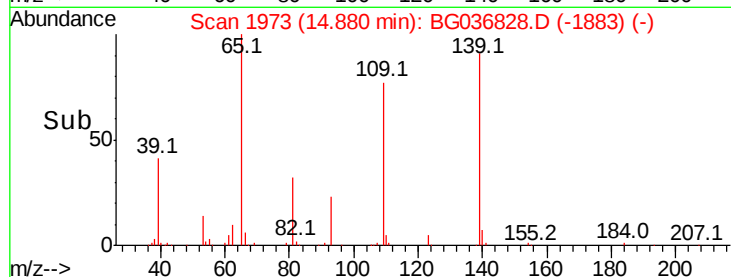
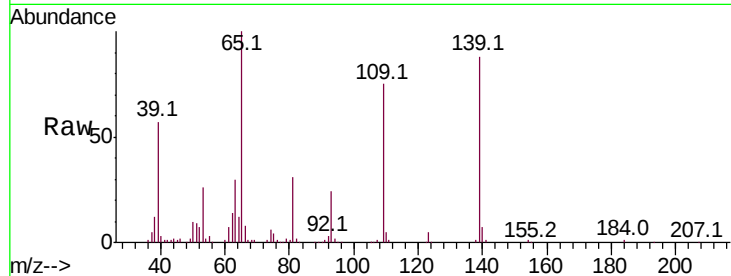
#55
4-Nitrophenol
Concen: 66.481 ng
RT: 14.88 min Scan# 1973
Delta R.T. 0.00 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion	Ratio	Resp	Lower	Upper
139	100	155492		
109	84.6	63.9	103.9	
65	113.1	90.0	130.0	

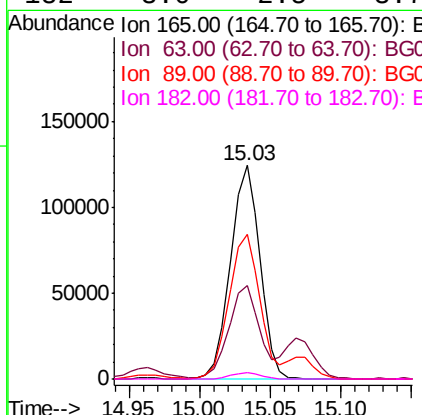
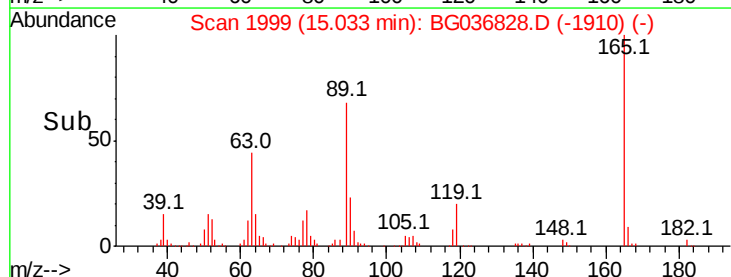
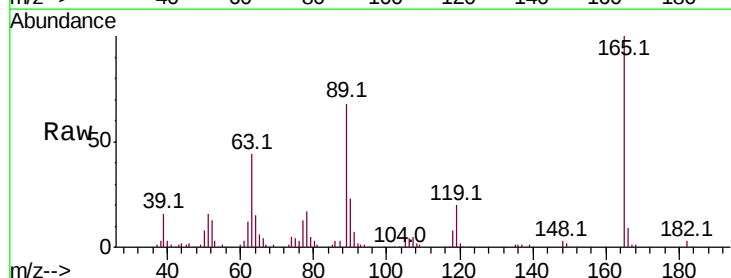
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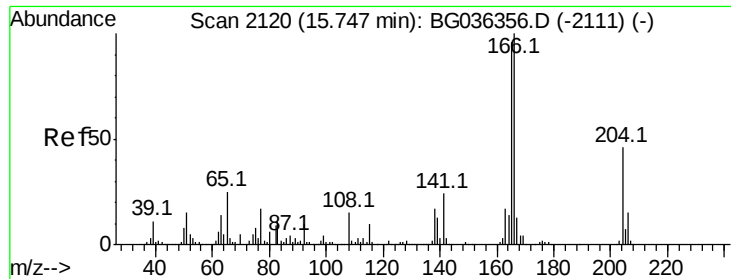
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#56
2,4-Dinitrotoluene
Concen: 52.312 ng
RT: 15.03 min Scan# 1999
Delta R.T. -0.00 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
165	100	180979		
63	43.9	40.1	60.1	
89	68.0	63.7	95.5	
182	3.0	2.5	3.7	





#57

Fluorene

Concen: 45.772 ng

RT: 15.72 min Scan# 2116

Delta R.T. -0.01 min

Lab File: BG036828.D

Acq: 19 Sep 2018 20:37

Instrument :

BNA_G

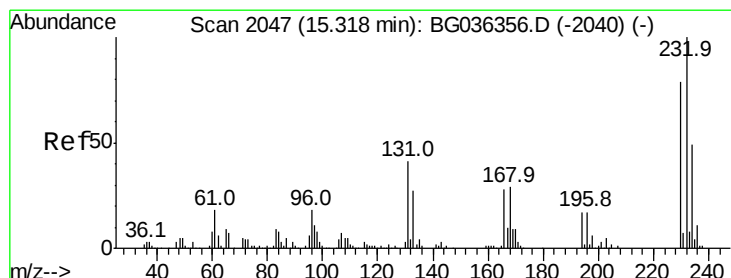
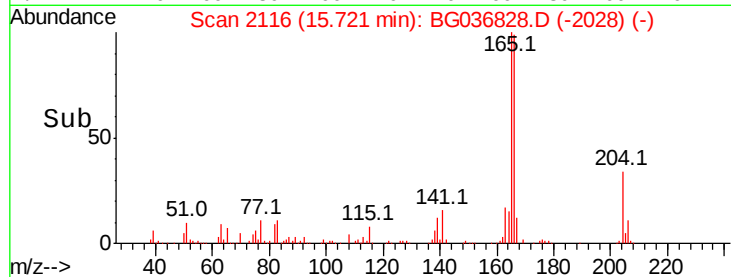
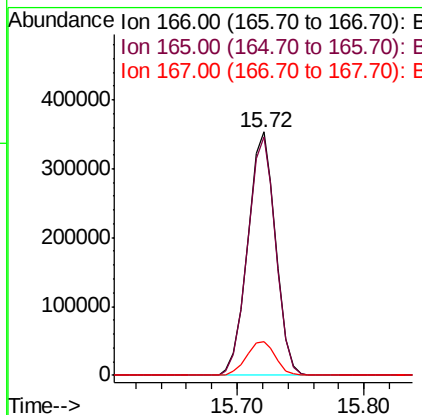
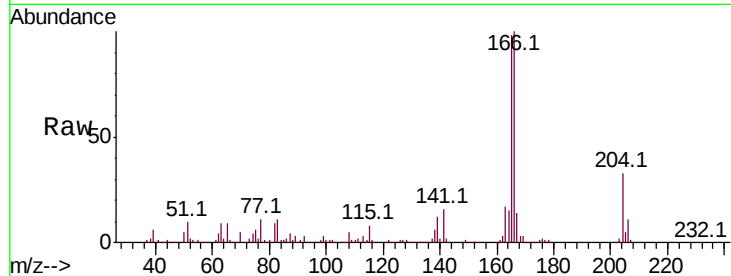
ClientSampleId :

HD-02-091718MSD

Tot Ion:	166	Resp:	537169
Ion Ratio	Lower	Upper	
166	100		
165	98.1	77.0	115.4
167	13.8	10.6	16.0

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#58

2,3,4,6-Tetrachlorophenol

Concen: 47.767 ng

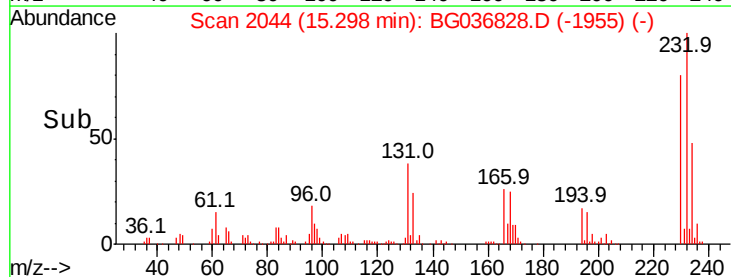
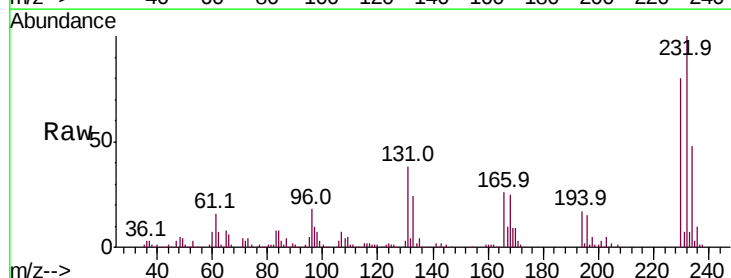
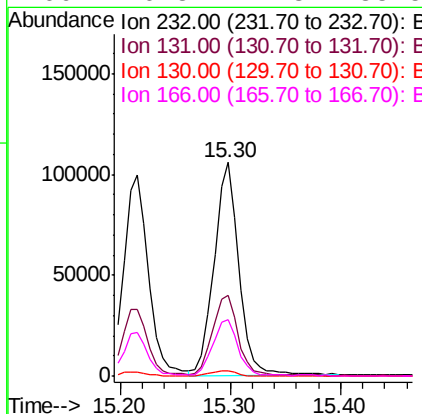
RT: 15.30 min Scan# 2044

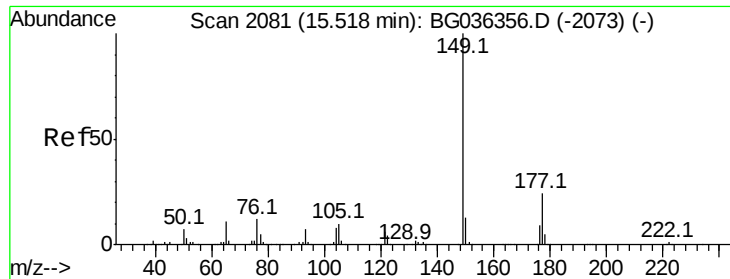
Delta R.T. -0.00 min

Lab File: BG036828.D

Acq: 19 Sep 2018 20:37

Tgt Ion:	232	Resp:	163024
Ion Ratio	Lower	Upper	
232	100		
131	37.8	33.8	50.8
130	2.6	2.1	3.1
166	26.8	22.3	33.5





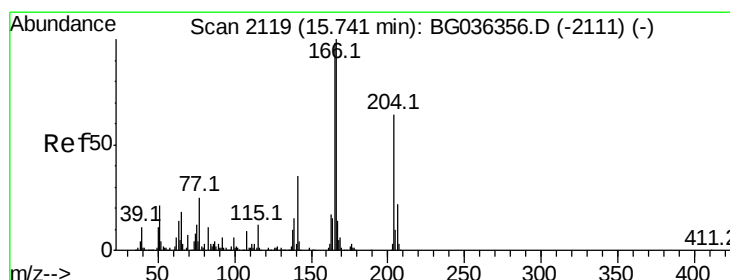
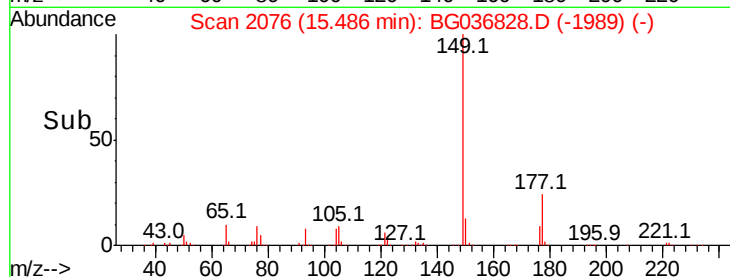
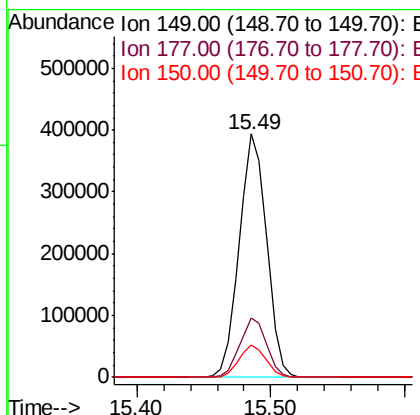
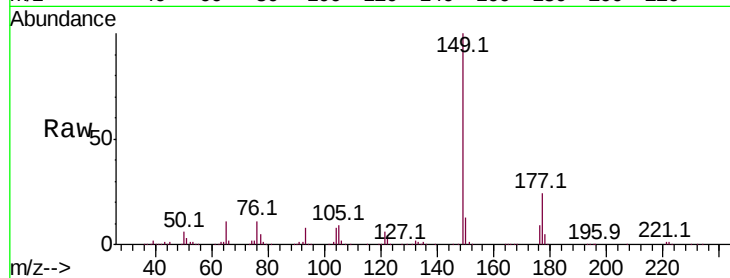
#59
Diethylphthalate
Concen: 42.798 ng
RT: 15.49 min Scan# 2076
Delta R.T. -0.02 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion	Ratio	Lower	Upper
149	100		
177	24.2	19.1	28.7
150	13.2	10.7	16.1

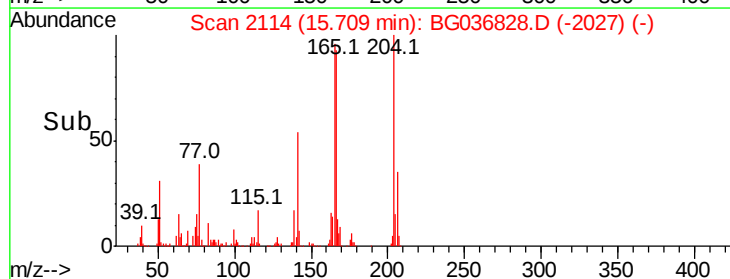
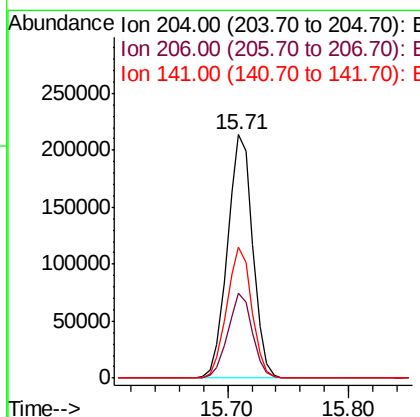
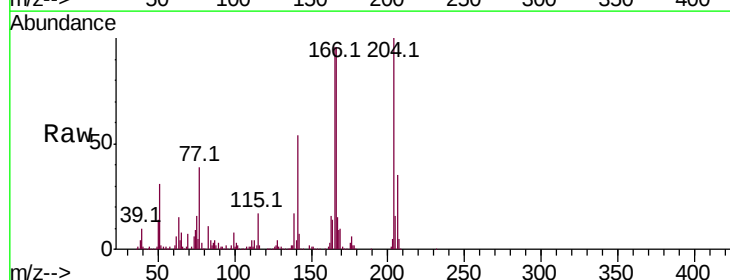
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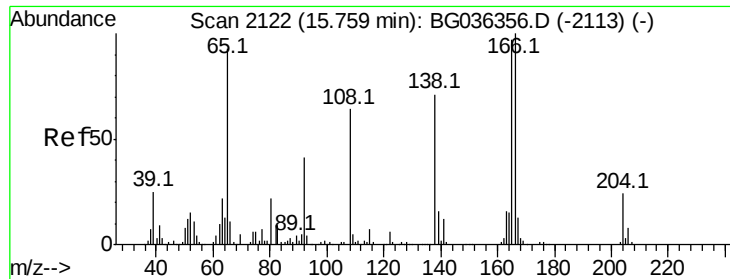
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#60
4-Chlorophenyl-phenylether
Concen: 42.666 ng
RT: 15.71 min Scan# 2114
Delta R.T. -0.02 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
204	100		
206	34.7	27.0	40.4
141	53.9	43.8	65.6





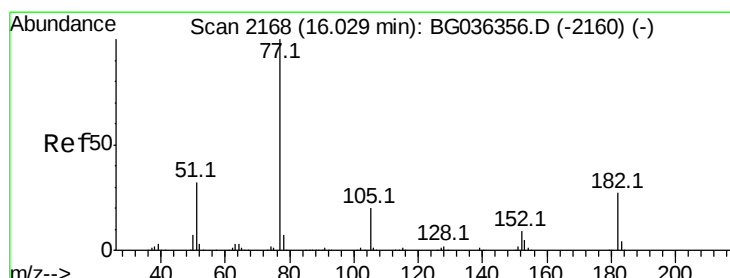
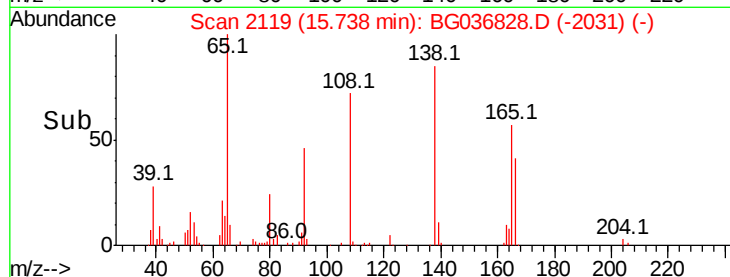
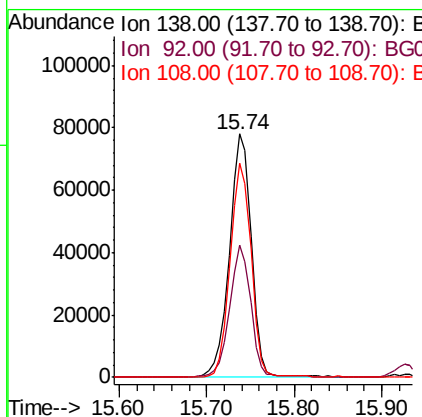
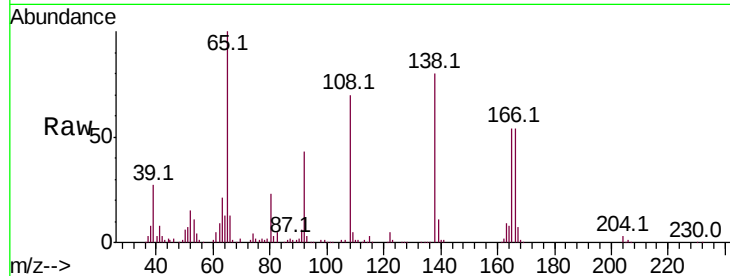
#61
4-Nitroaniline
Concen: 44.016 ng
RT: 15.74 min Scan# 2119
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion:138 Resp: 131757
Ion Ratio Lower Upper
138 100
92 54.3 38.5 78.5
108 87.8 70.3 110.3

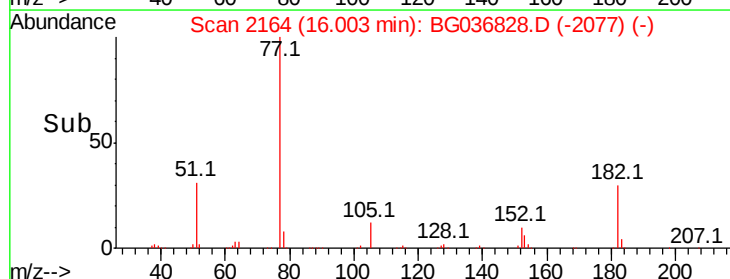
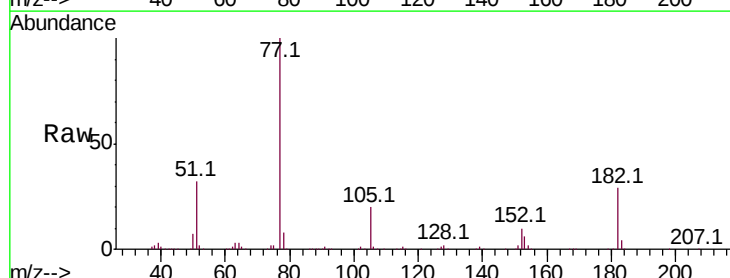
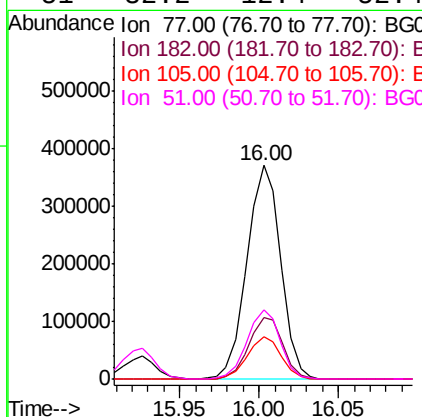
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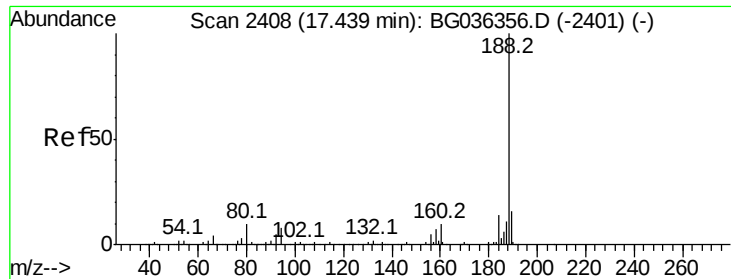
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#62
Azobenzene
Concen: 41.231 ng
RT: 16.00 min Scan# 2164
Delta R.T. -0.02 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion: 77 Resp: 545392
Ion Ratio Lower Upper
77 100
182 29.0 6.7 46.7
105 19.9 0.0 39.8
51 32.2 12.4 52.4





#63

Phenanthrene-d10

Concen: 20.000 ng

RT: 17.42 min Scan# 2405

Delta R.T. -0.01 min

Lab File: BG036828.D

Acq: 19 Sep 2018 20:37

Instrument :

BNA_G

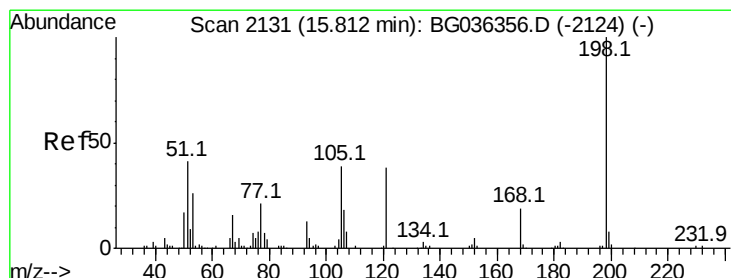
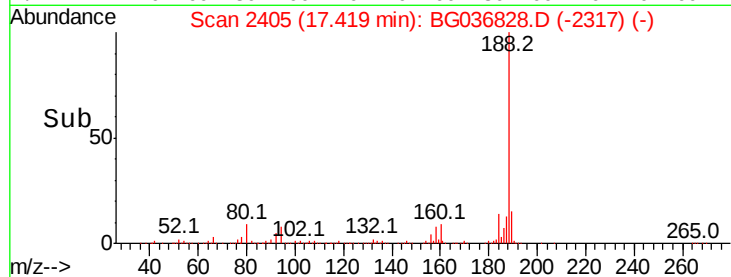
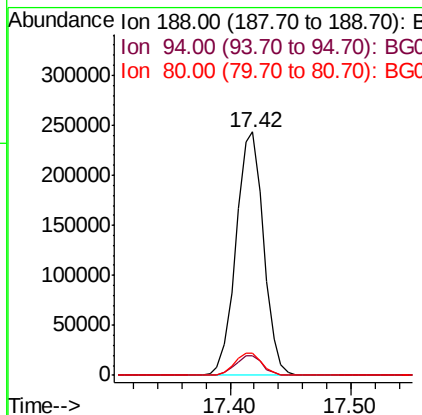
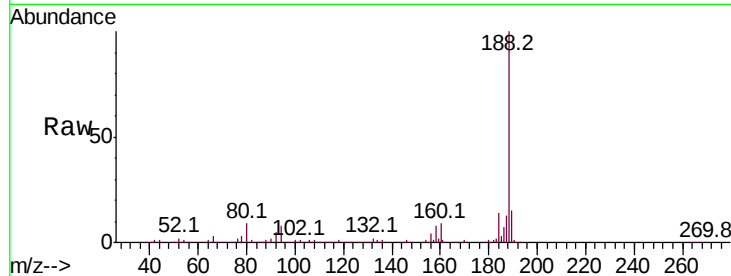
ClientSampleId :

HD-02-091718MSD

Tot Ion:	188	Resp:	386786
Ion Ratio	Lower	Upper	
188	100		
94	7.9	6.7	10.1
80	8.9	8.1	12.1

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#64

4,6-Dinitro-2-methylphenol

Concen: 18.575 ng

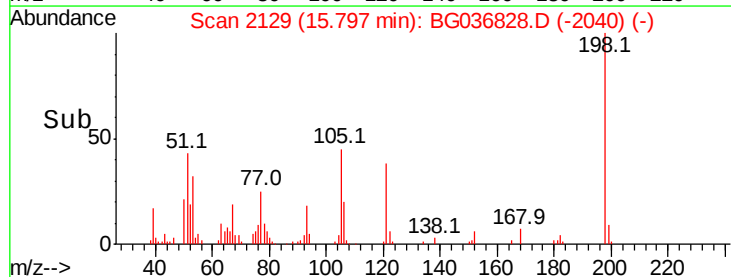
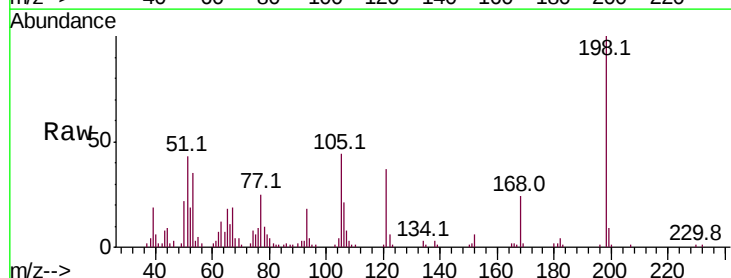
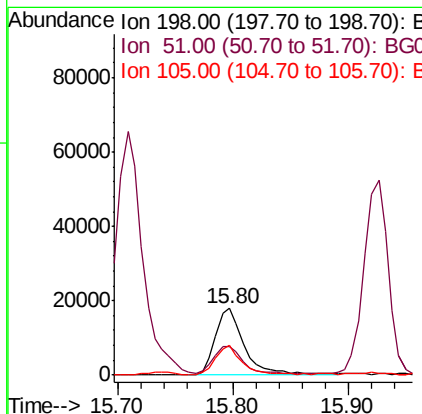
RT: 15.80 min Scan# 2129

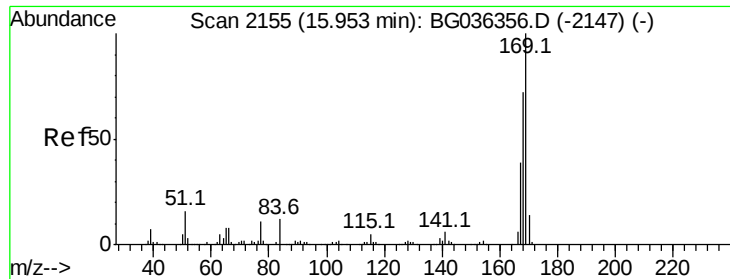
Delta R.T. -0.00 min

Lab File: BG036828.D

Acq: 19 Sep 2018 20:37

Tgt Ion:	198	Resp:	31561
Ion Ratio	Lower	Upper	
198	100		
51	43.4	26.5	66.5
105	44.0	20.2	60.2





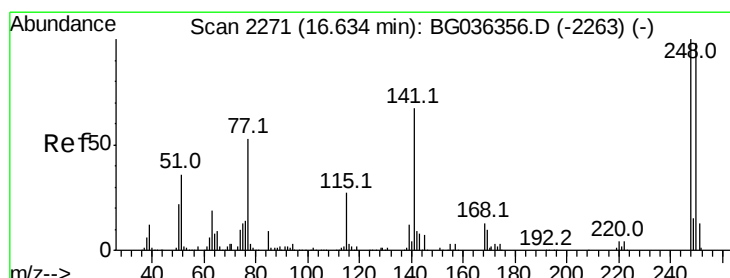
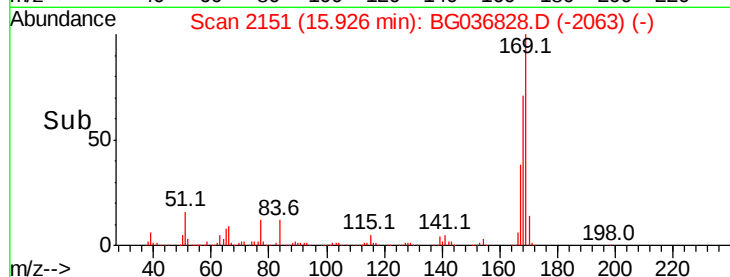
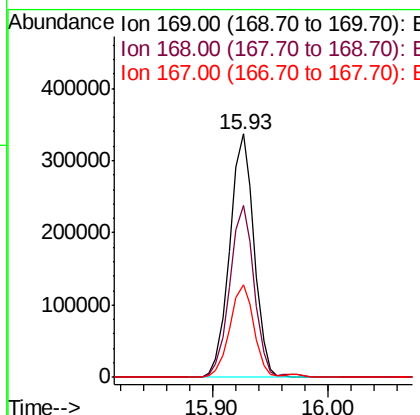
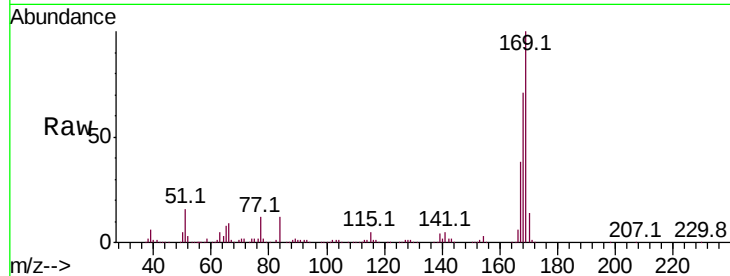
#65
n-Nitrosodiphenylamine
Concen: 42.618 ng
RT: 15.93 min Scan# 2151
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion	Ratio	Resp	Lower	Upper
169	100			
168	70.7	57.6	86.4	
167	37.8	31.0	46.4	

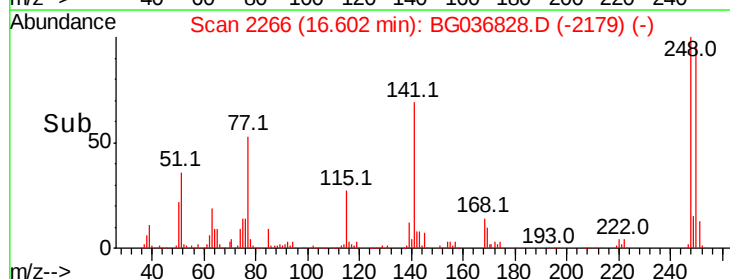
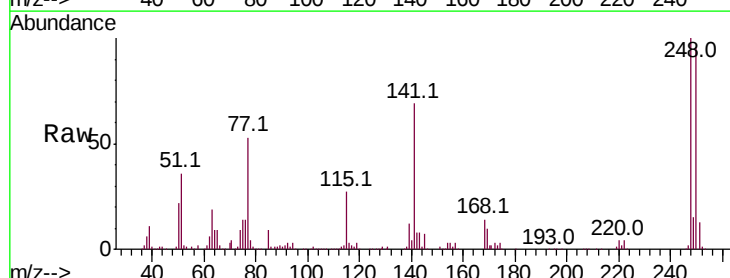
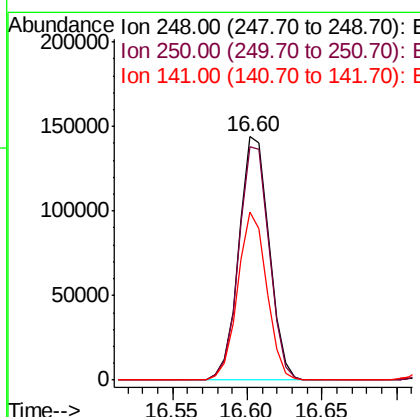
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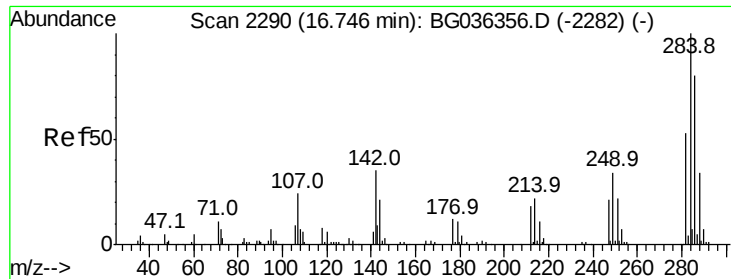
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#66
4-Bromophenyl-phenylether
Concen: 44.667 ng
RT: 16.60 min Scan# 2266
Delta R.T. -0.02 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
248	100			
250	95.6	78.1	117.1	
141	69.2	53.7	80.5	





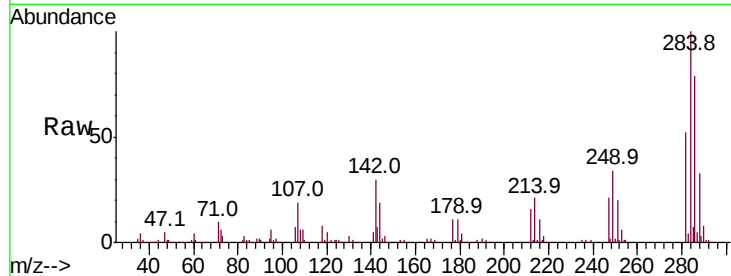
#67
Hexachlorobenzene
Concen: 44.484 ng
RT: 16.73 min Scan# 2287
Delta R.T. -0.00 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

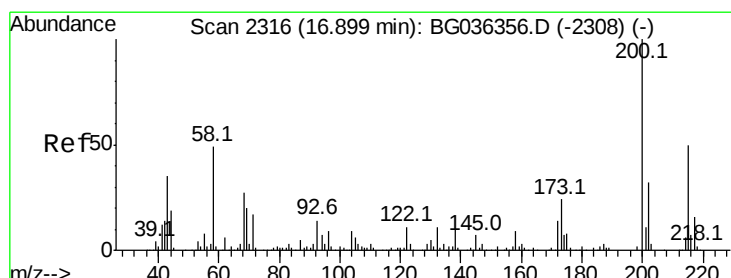
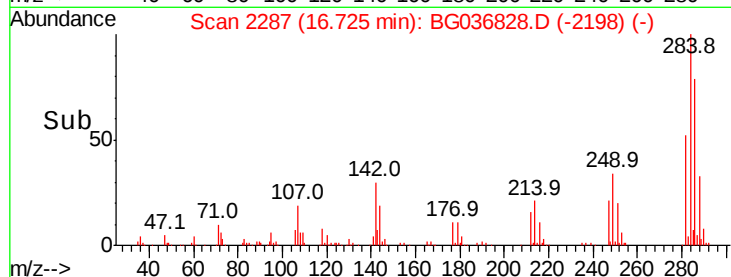
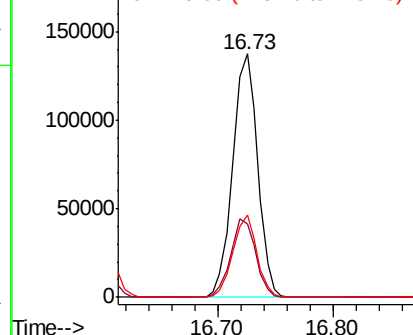
Tot Ion	Ratio	Resp	Lower	Upper
284	100			
142	30.4	27.8	41.6	
249	34.0	27.4	41.2	

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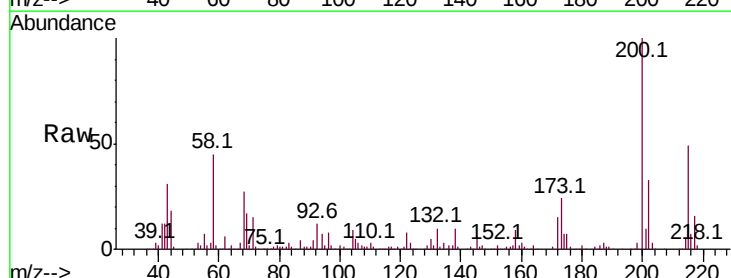


Abundance Ion 283.80 (283.50 to 284.50): E
Ion 142.00 (141.70 to 142.70): E
Ion 249.00 (248.70 to 249.70): E

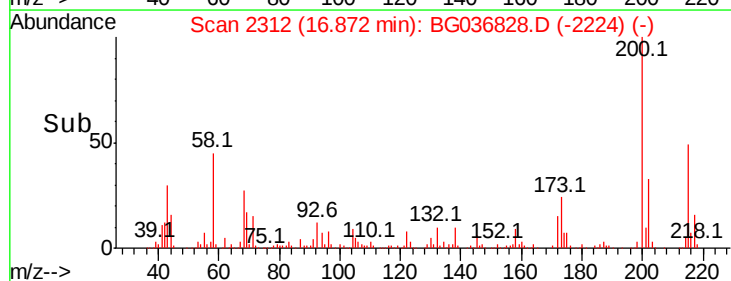
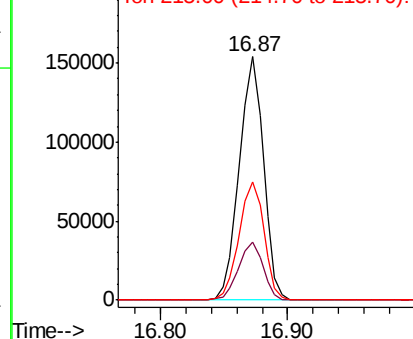


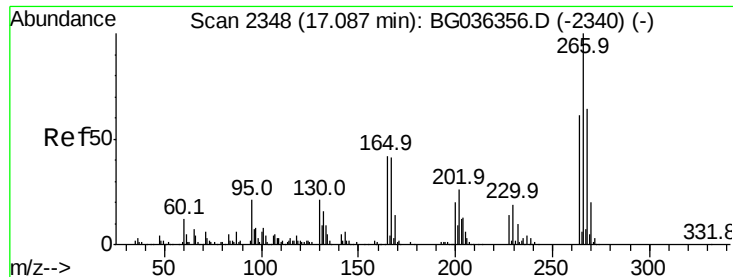
#68
Atrazine
Concen: 47.086 ng
RT: 16.87 min Scan# 2312
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
200	100			
173	23.8	3.9	43.9	
215	48.7	30.4	70.4	



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





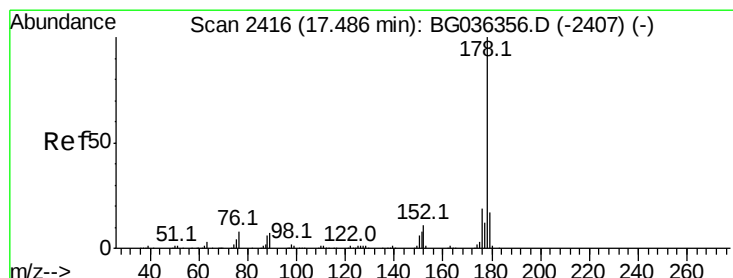
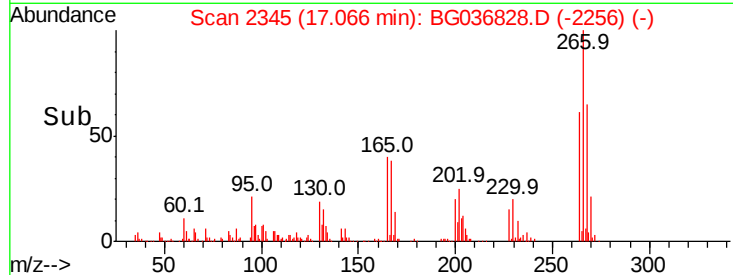
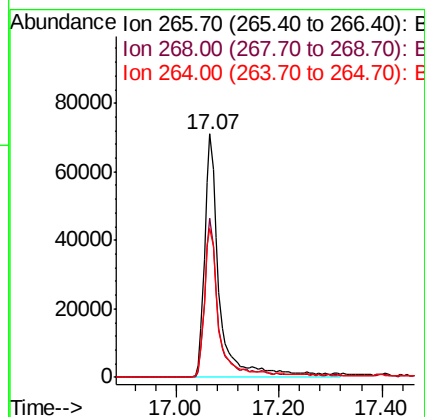
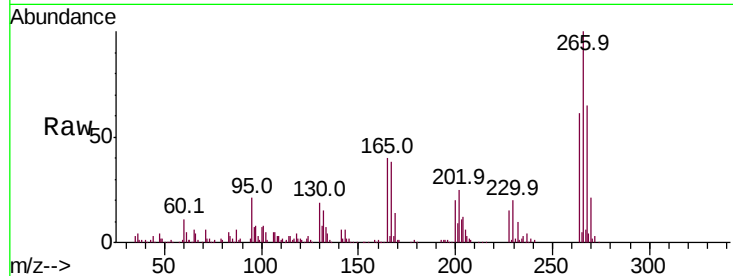
#69
 Pentachlorophenol
 Concen: 46.140 ng/mL
 RT: 17.07 min Scan# 2345
 Delta R.T. -0.00 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MSD

Tot Ion:	266	Resp:	145205
Ion Ratio		Lower	Upper
266	100		
268	65.2	51.4	77.2
264	61.3	48.9	73.3

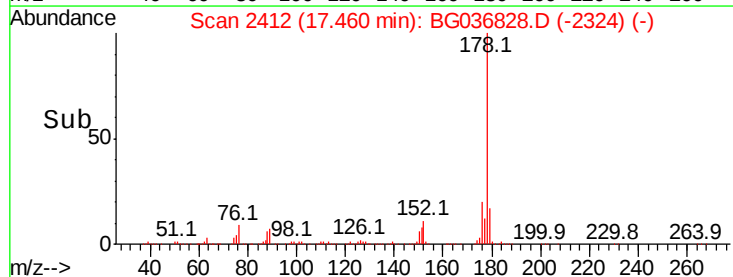
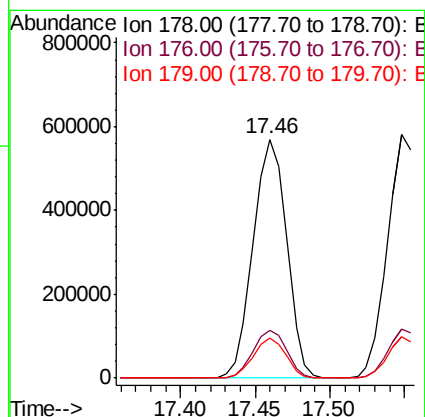
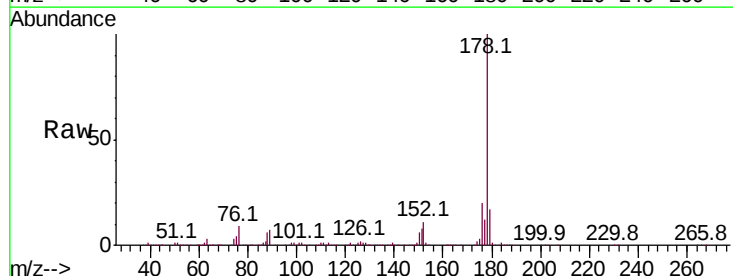
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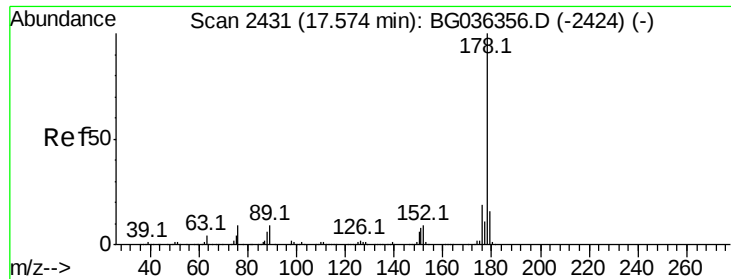
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#70
 Phenanthrene
 Concen: 45.046 ng/mL
 RT: 17.46 min Scan# 2412
 Delta R.T. -0.01 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Tgt Ion:	178	Resp:	885320
Ion Ratio		Lower	Upper
178	100		
176	20.1	15.4	23.2
179	16.6	13.4	20.2





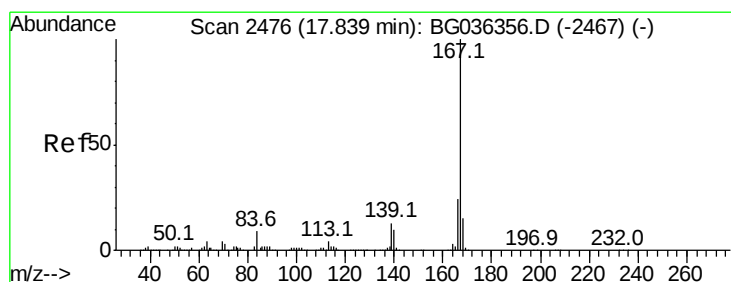
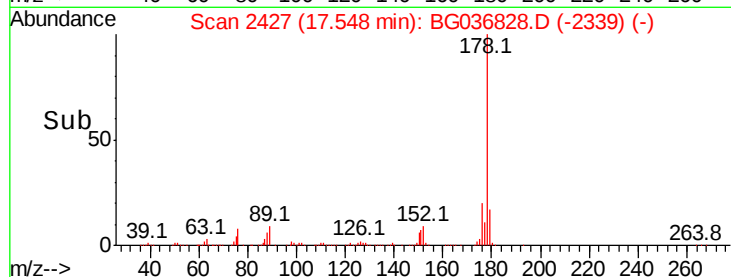
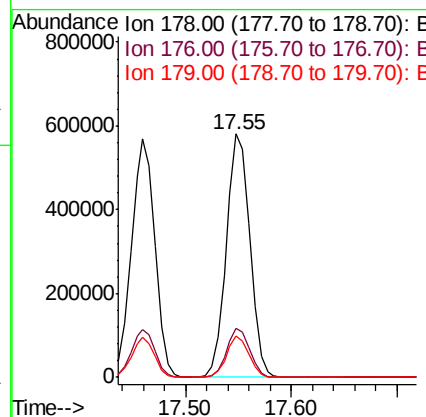
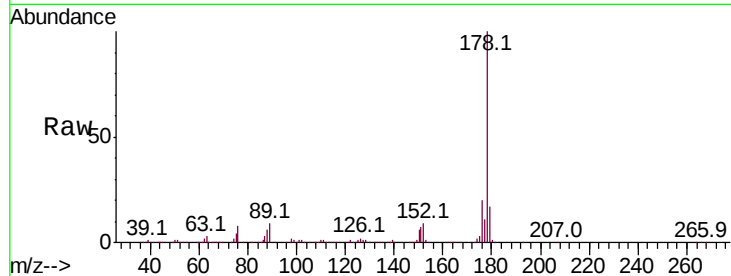
#71
 Anthracene
 Concen: 45.810 ng
 RT: 17.55 min Scan# 2427
 Delta R.T. -0.01 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MSD

Tot Ion	Ratio	Lower	Upper
178	100		
176	19.9	15.4	23.2
179	16.9	13.0	19.4

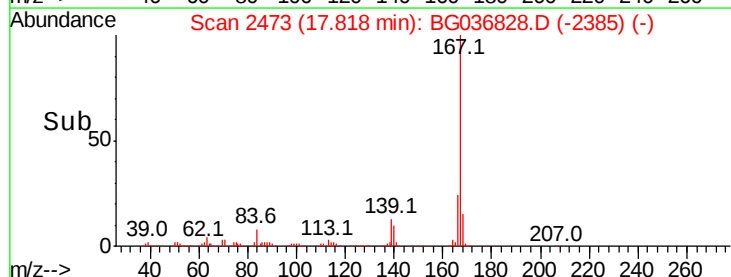
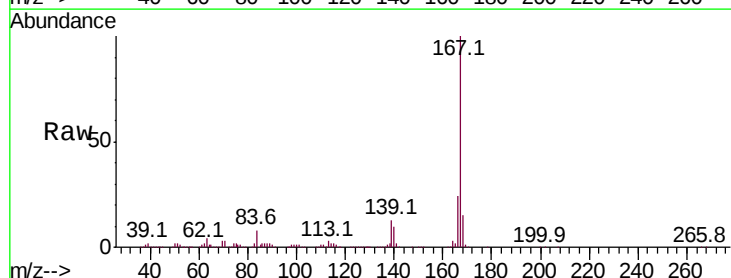
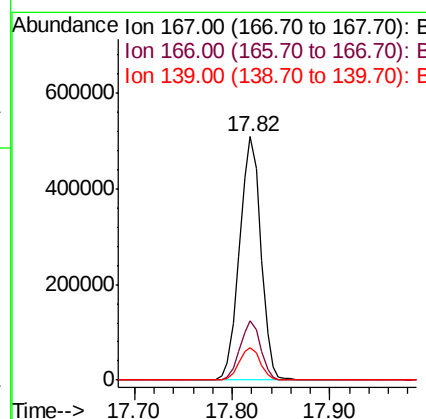
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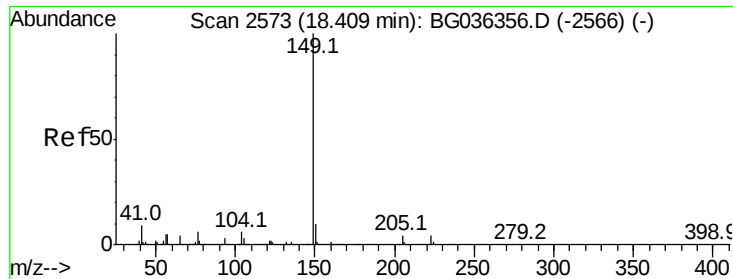
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#72
 Carbazole
 Concen: 39.558 ng
 RT: 17.82 min Scan# 2473
 Delta R.T. -0.01 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
167	100		
166	24.3	19.5	29.3
139	13.4	10.7	16.1





#73

Di-n-butylphthalate

Concen: 40.998 ng

RT: 18.37 min Scan# 2567

Delta R.T. -0.02 min

Lab File: BG036828.D

Acq: 19 Sep 2018 20:37

Instrument :

BNA_G

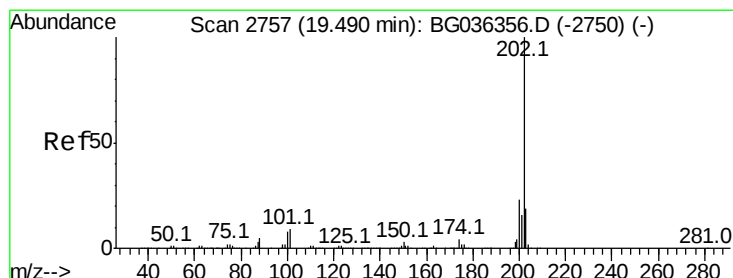
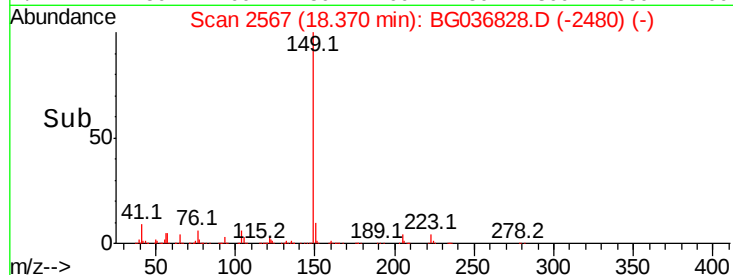
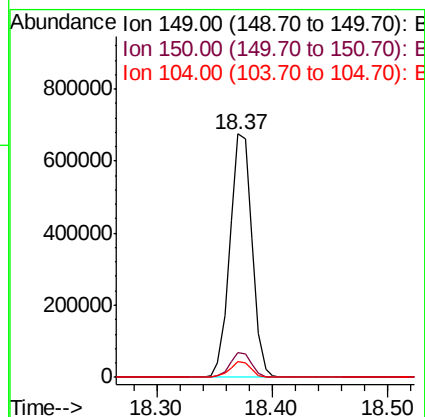
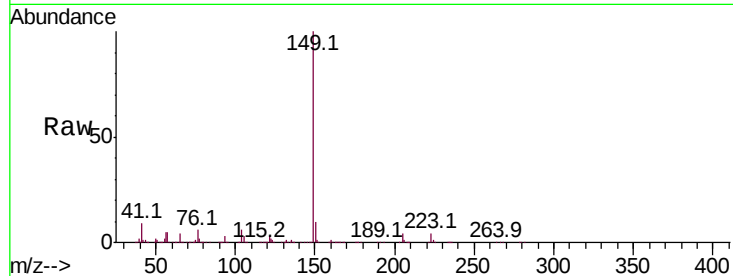
ClientSampleId :

HD-02-091718MSD

Tot Ion:	149	Resp:	893254
Ion Ratio	Lower	Upper	
149	100		
150	10.4	8.1	12.1
104	6.4	4.6	6.8

Manual Integrations
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#74

Fluoranthene

Concen: 43.433 ng

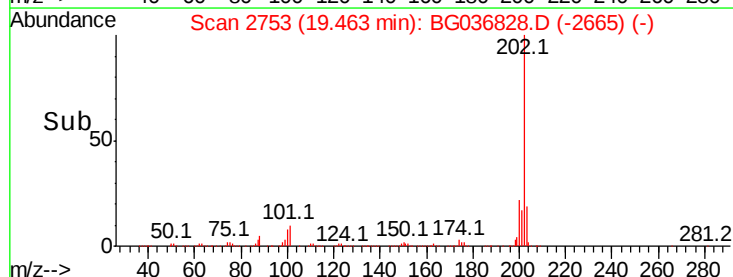
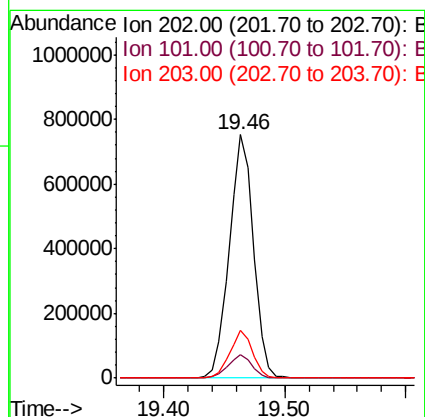
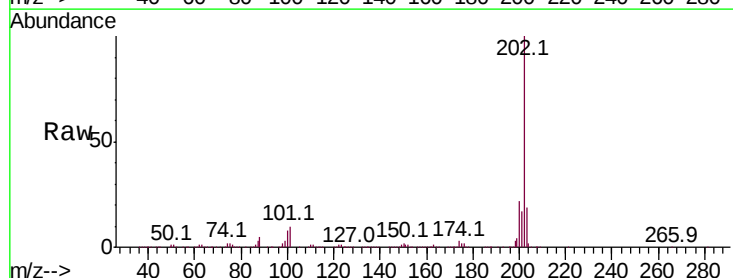
RT: 19.46 min Scan# 2753

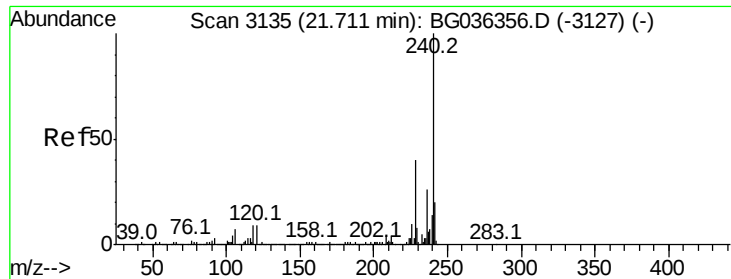
Delta R.T. -0.01 min

Lab File: BG036828.D

Acq: 19 Sep 2018 20:37

Tgt Ion:	202	Resp:	1040751
Ion Ratio	Lower	Upper	
202	100		
101	9.6	0.0	29.4
203	19.4	0.0	38.9





#75

Chrysene-d12

Concen: 20.000 ng

RT: 21.68 min Scan# 3131

Delta R.T. -0.01 min

Lab File: BG036828.D

Acq: 19 Sep 2018 20:37

Instrument :

BNA_G

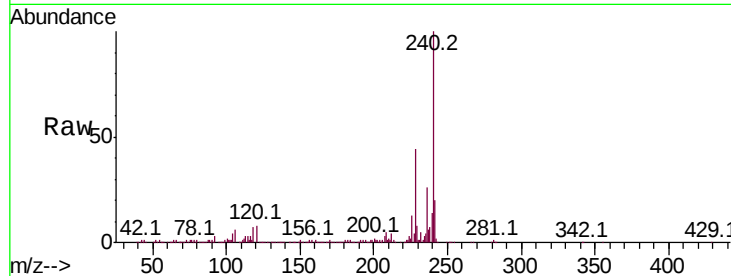
ClientSampleId :

HD-02-091718MSD

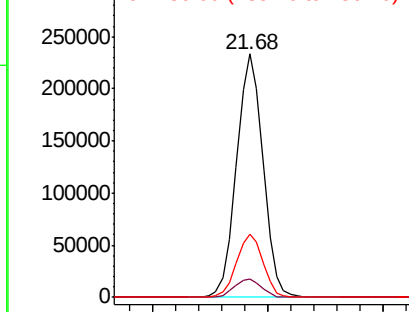
Tot Ion:	240	Resp:	370365
Ion Ratio	Lower	Upper	
240	100		
120	7.6	6.9	10.3
236	26.2	21.2	31.8

Manual Integrations
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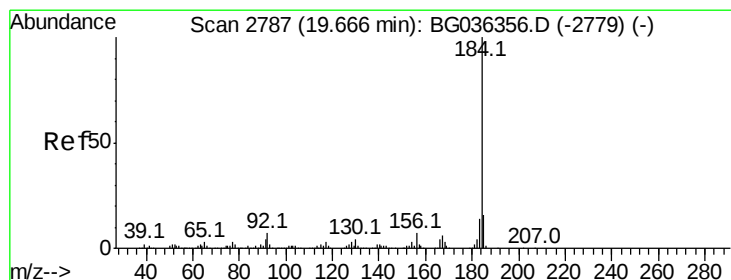
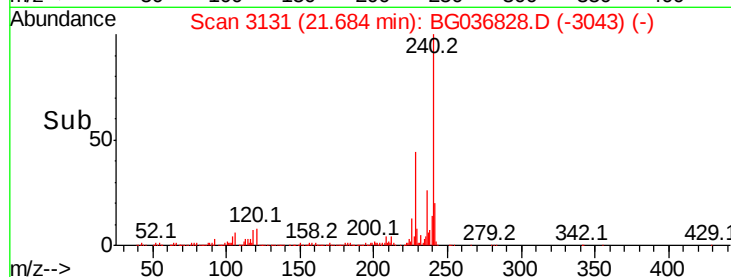
Sohil
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Abundance Ion 240.00 (239.70 to 240.70): E
Ion 120.00 (119.70 to 120.70): E
Ion 236.00 (235.70 to 236.70): E



Time-->



#76

Benzidine

Concen: 14.592 ng

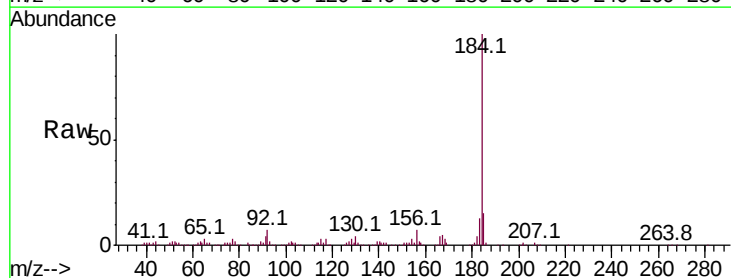
RT: 19.65 min Scan# 2784

Delta R.T. -0.00 min

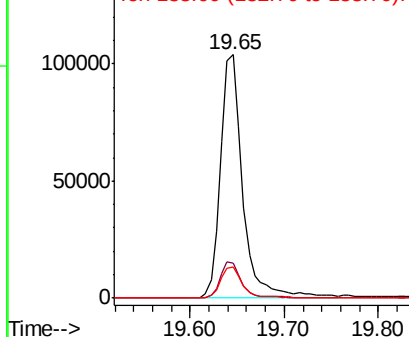
Lab File: BG036828.D

Acq: 19 Sep 2018 20:37

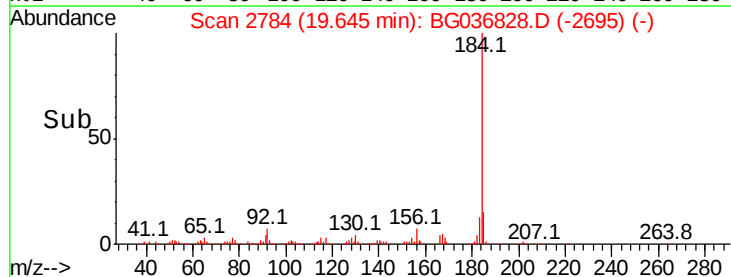
Tgt Ion:	184	Resp:	172425
Ion Ratio	Lower	Upper	
184	100		
185	14.6	12.6	18.8
183	12.9	10.9	16.3

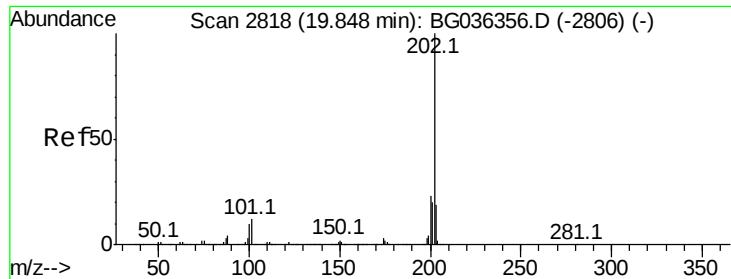


Abundance Ion 184.00 (183.70 to 184.70): E
Ion 185.00 (184.70 to 185.70): E
Ion 183.00 (182.70 to 183.70): E



Time-->





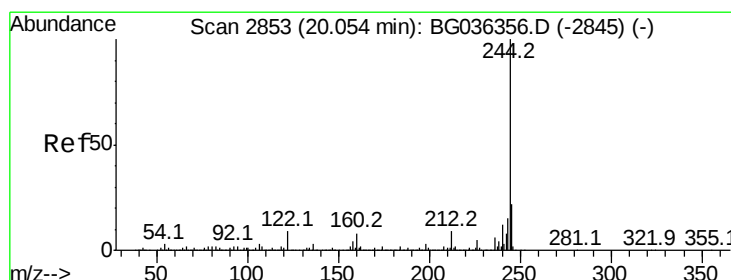
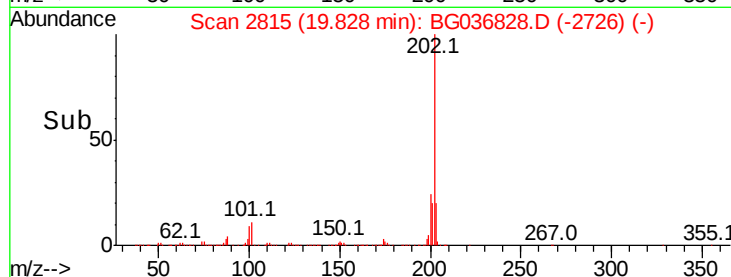
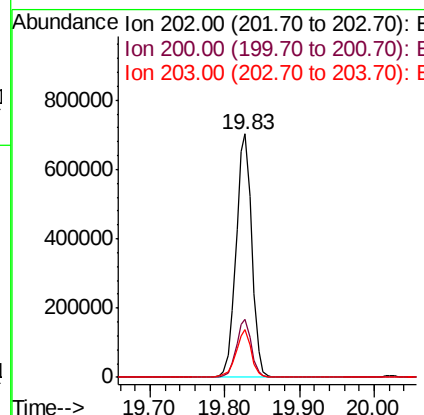
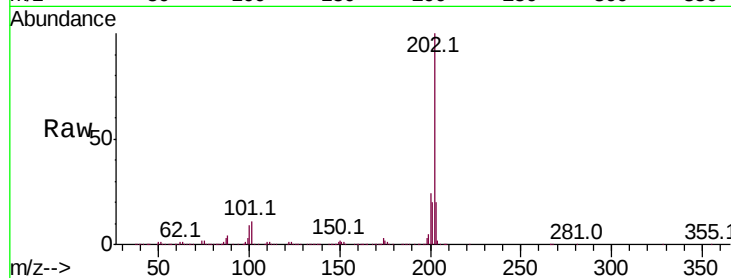
#77
Pvrene
Concen: 45.513 ng
RT: 19.83 min Scan# 2815
Delta R.T. -0.00 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion	Ratio	Lower	Upper
202	100		
200	23.6	18.3	27.5
203	19.7	15.1	22.7

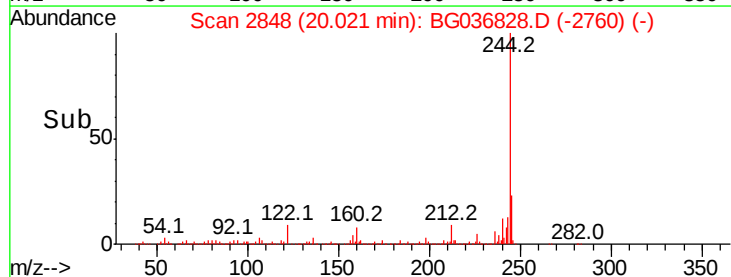
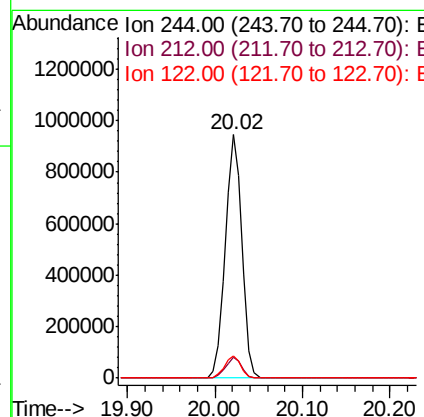
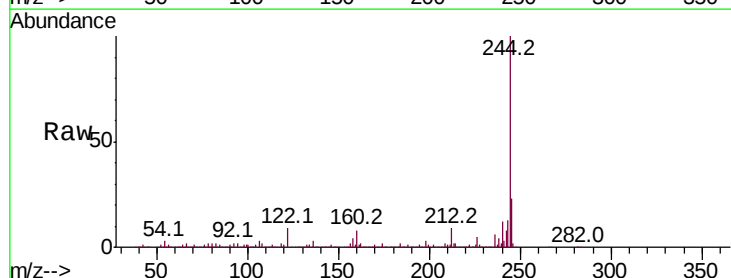
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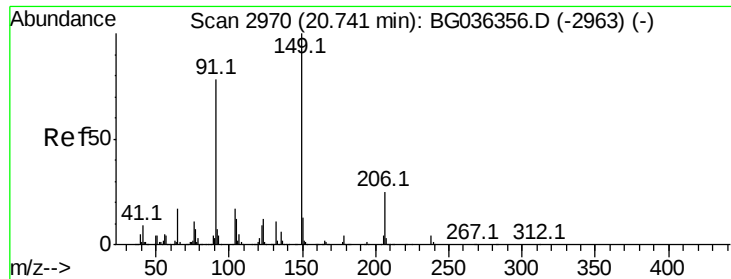
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#78
Terphenyl-d14
Concen: 78.860 ng
RT: 20.02 min Scan# 2848
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
244	100		
212	8.7	7.0	10.6
122	9.1	7.1	10.7





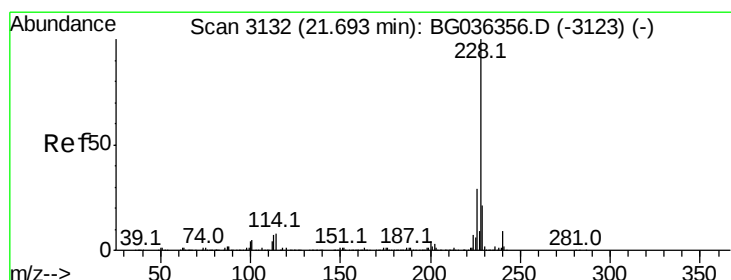
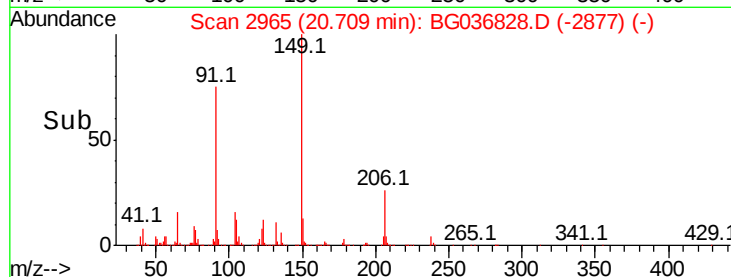
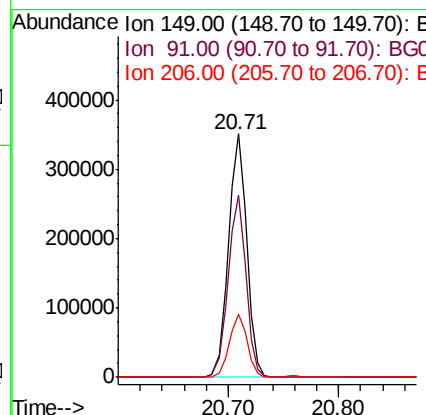
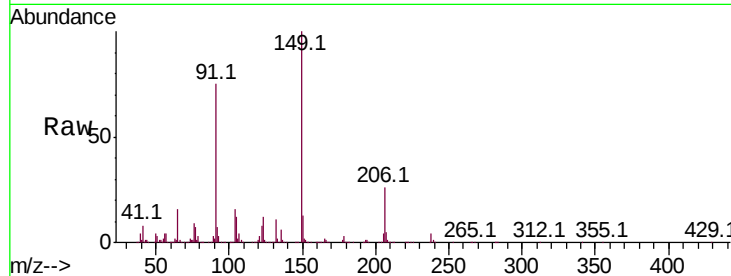
#79
Butylbenzylphthalate
Concen: 45.223 ng
RT: 20.71 min Scan# 2965
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion	Ratio	Lower	Upper
149	100		
91	74.7	62.0	93.0
206	25.9	19.6	29.4

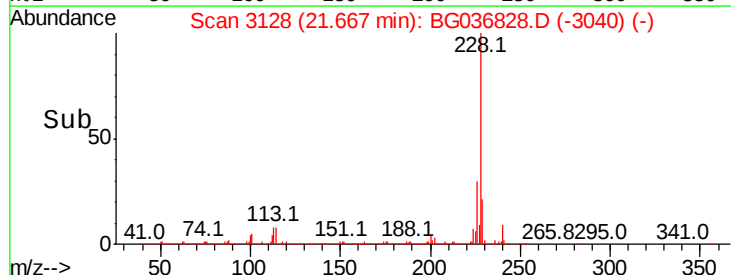
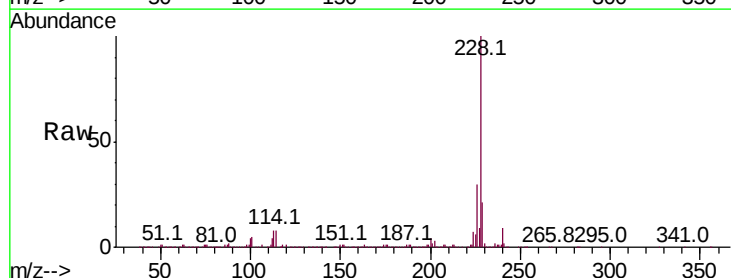
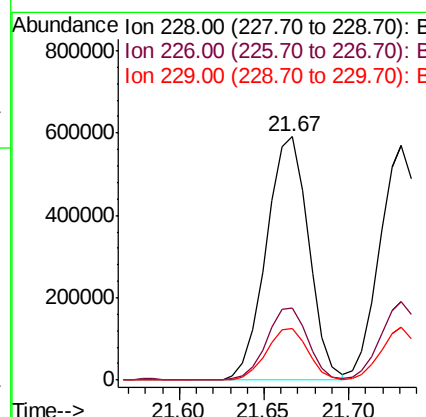
Manual Integrations
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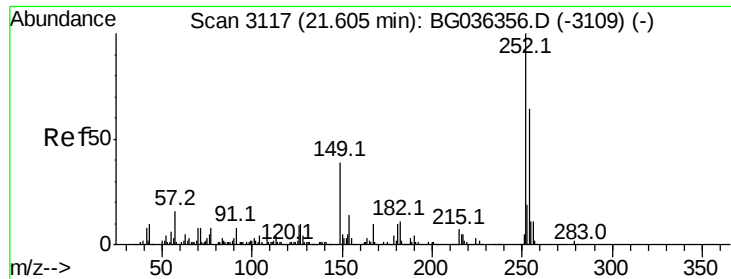
Sohil
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#80
Benzo(a)anthracene
Concen: 45.576 ng
RT: 21.67 min Scan# 3128
Delta R.T. -0.01 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
228	100		
226	29.8	23.4	35.2
229	21.3	17.1	25.7





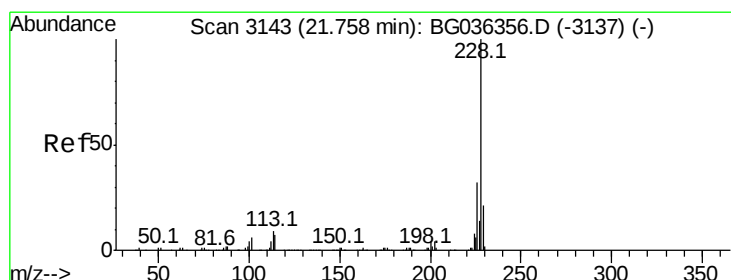
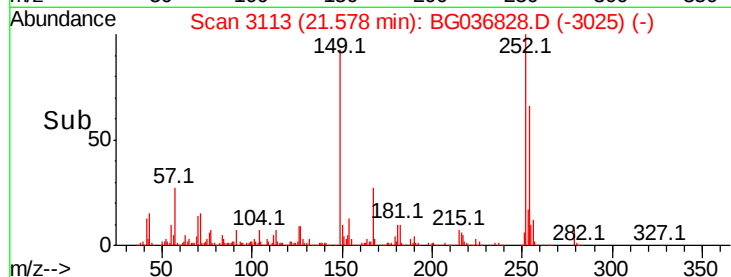
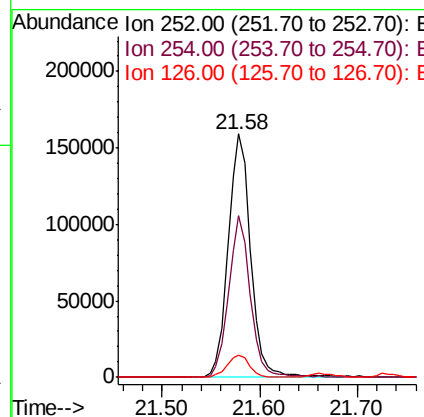
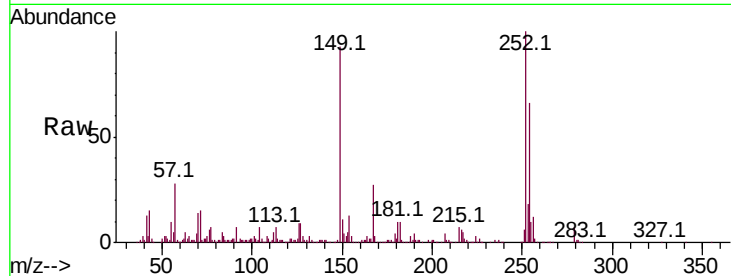
#81
 3,3'-Dichlorobenzidine
 Concen: 28.299 ng
 RT: 21.58 min Scan# 3113
 Delta R.T. -0.01 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MSD

Tot Ion	Ratio	Resp	Lower	Upper
252	100	253058		
254	66.2	51.0	76.4	
126	9.0	7.4	11.0	

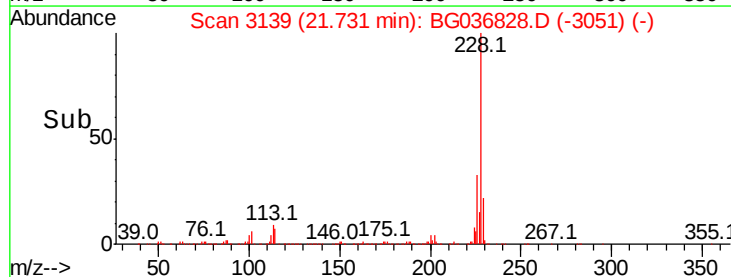
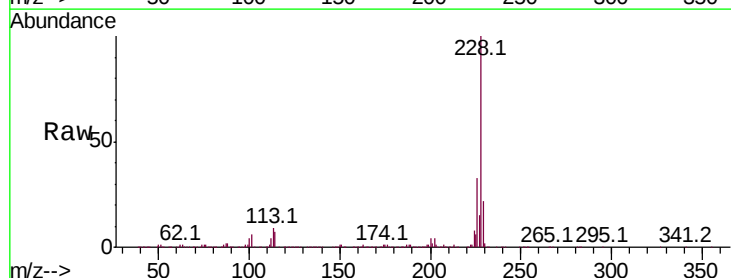
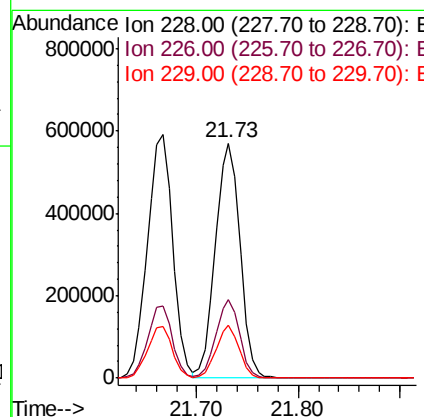
Manual Integrations
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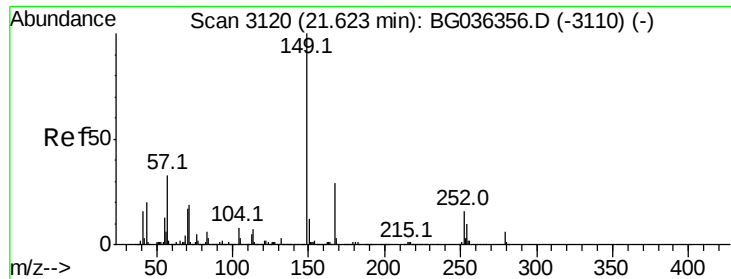
Sohil
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#82
 Chrysene
 Concen: 45.120 ng
 RT: 21.73 min Scan# 3139
 Delta R.T. -0.01 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
228	100	959591		
226	33.4	25.5	38.3	
229	22.3	16.9	25.3	





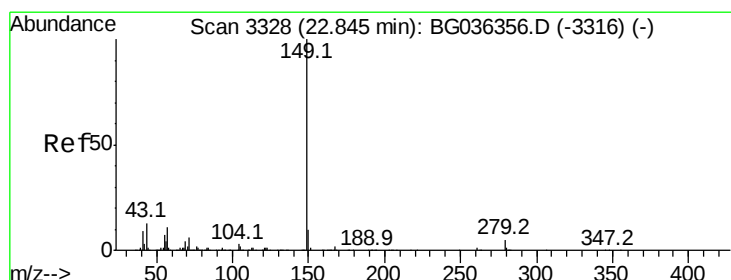
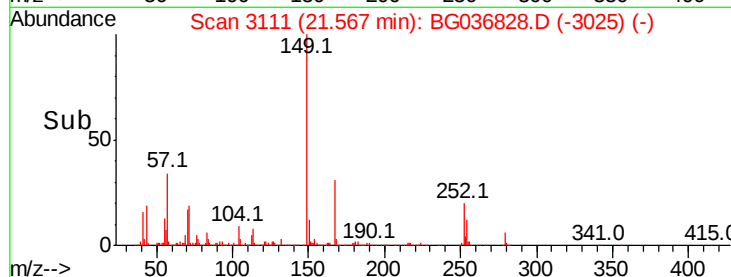
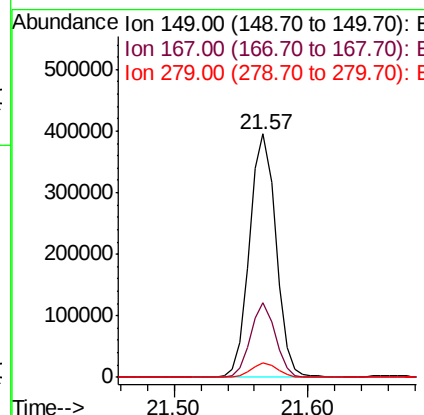
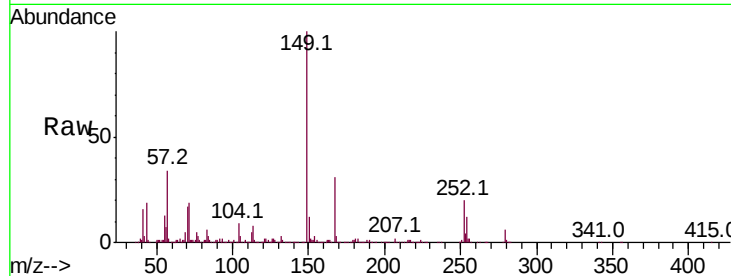
#83
 Bis(2-ethylhexyl)phthalate
 Concen: 42.180 ng
 RT: 21.57 min Scan# 3111
 Delta R.T. -0.02 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MSD

Tot Ion	Ratio	Resp	Lower	Upper
149	100			
167	30.8	23.4	35.0	
279	5.9	4.6	7.0	

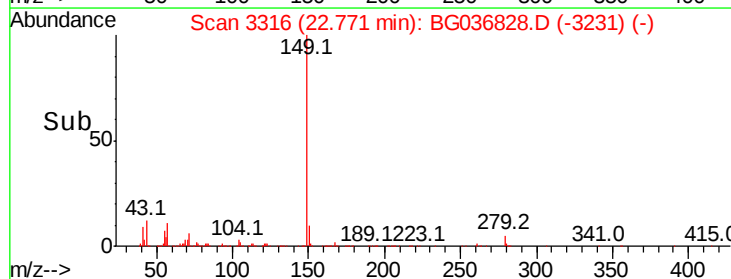
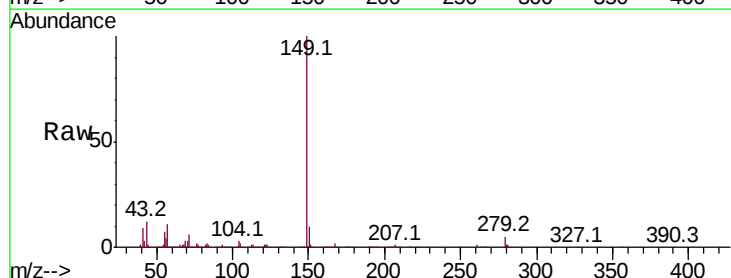
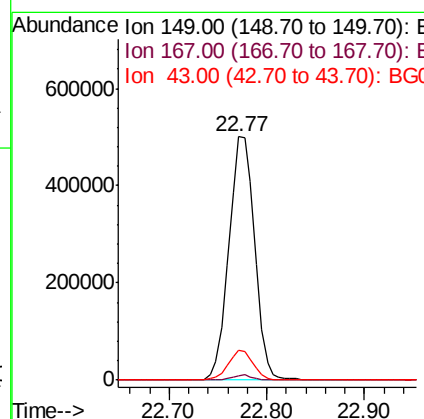
Manual Integrations
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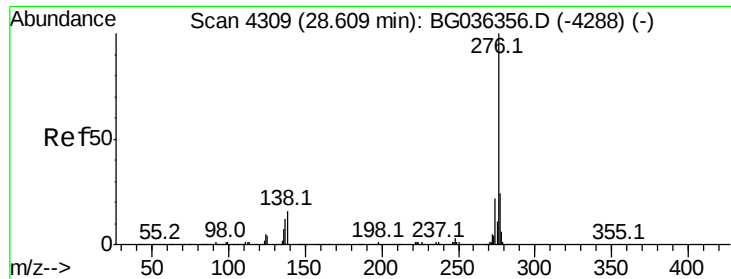
Sohil
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#84
 Di-n-octyl phthalate
 Concen: 43.283 ng
 RT: 22.77 min Scan# 3316
 Delta R.T. -0.03 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Resp	Lower	Upper
149	100			
167	1.9	1.3	1.9	
43	11.6	10.0	15.0	





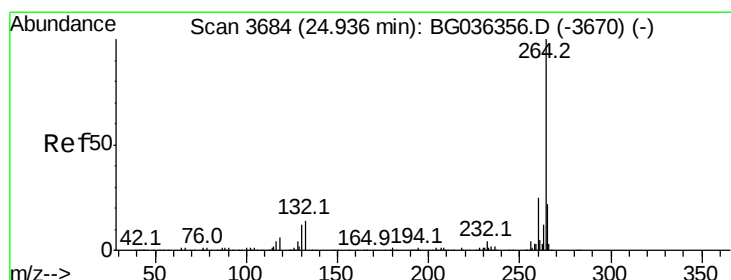
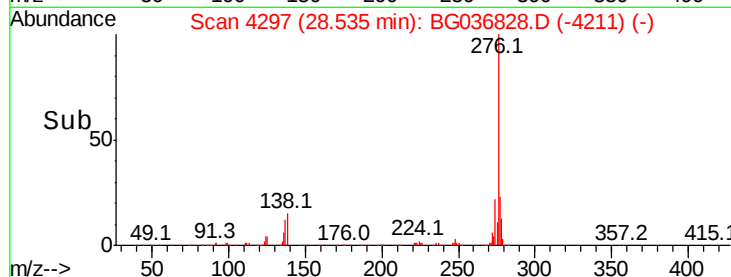
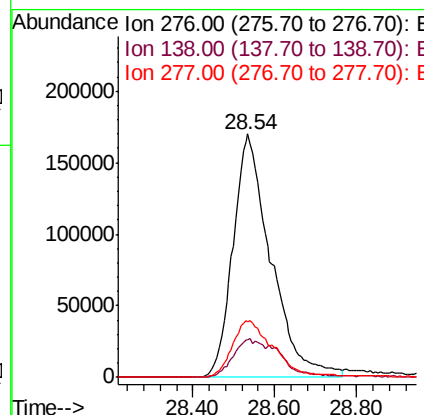
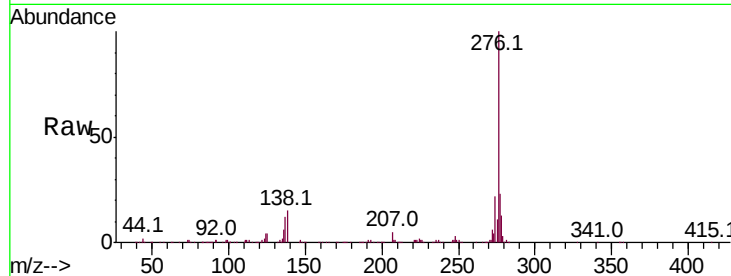
#85
 Indeno(1,2,3-cd)pyrene
 Concen: 44.107 ng
 RT: 28.54 min Scan# 4297
 Delta R.T. -0.02 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MSD

Tot Ion	Ratio	Lower	Upper
276	100		
138	12.0	10.6	15.8
277	25.1	20.6	30.8

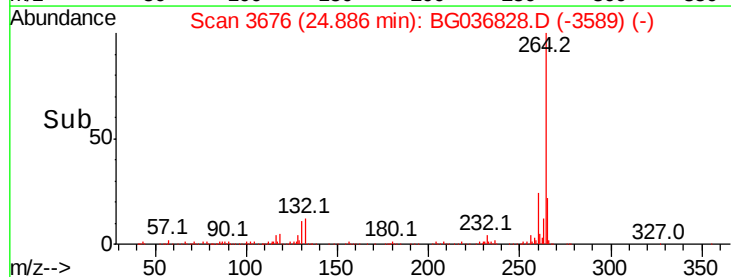
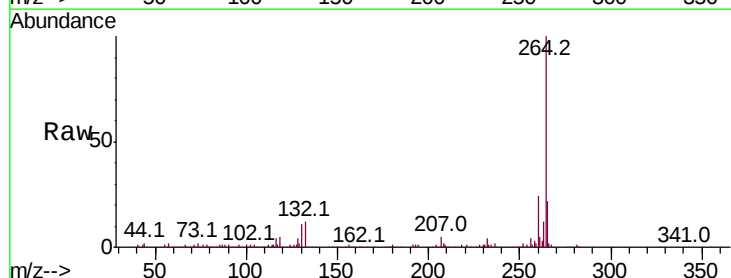
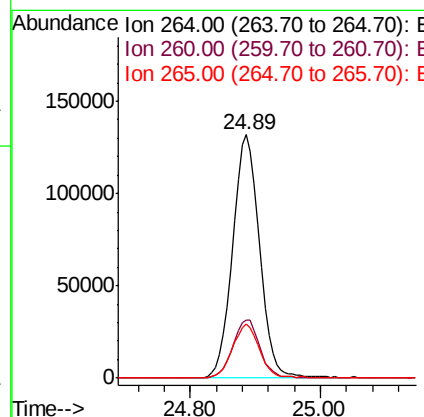
Manual Integrations
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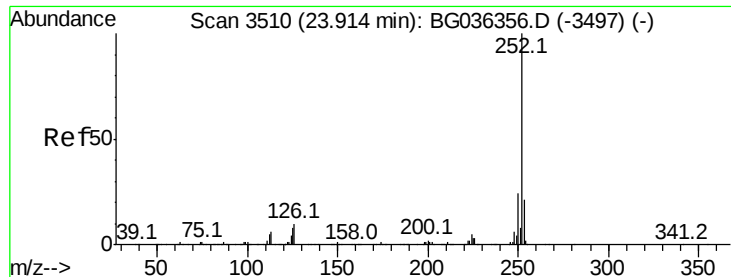
Sohil
 9/20/2018 11:46:45 AM



#86
 Perylene-d12
 Concen: 20.000 ng
 RT: 24.89 min Scan# 3676
 Delta R.T. -0.02 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
264	100		
260	23.6	19.6	29.4
265	22.3	17.4	26.0





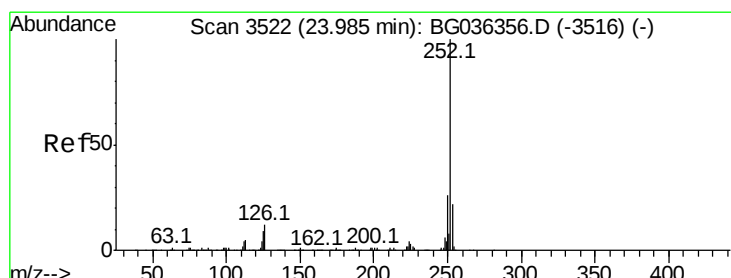
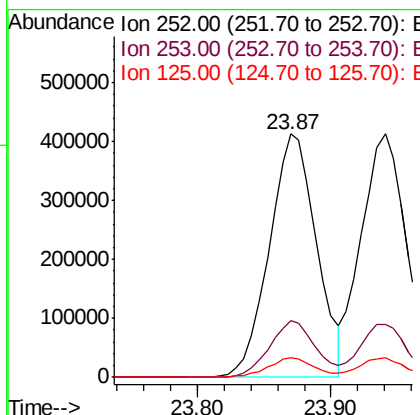
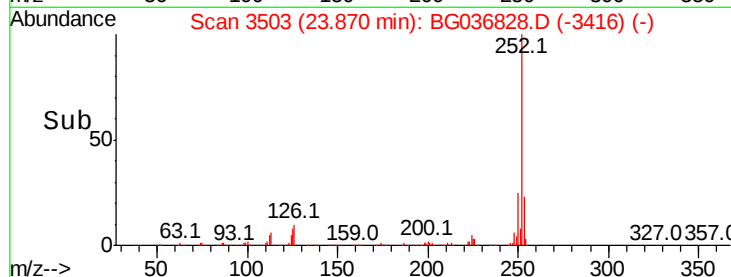
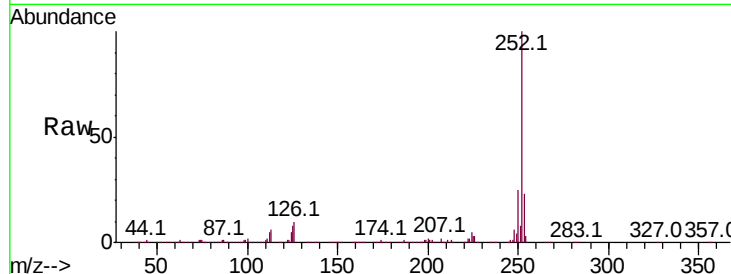
#87
Benzo(b)fluoranthene
Concen: 48.211 ng
RT: 23.87 min Scan# 3503
Delta R.T. -0.02 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	23.1	17.1	25.7
125	8.0	6.6	10.0

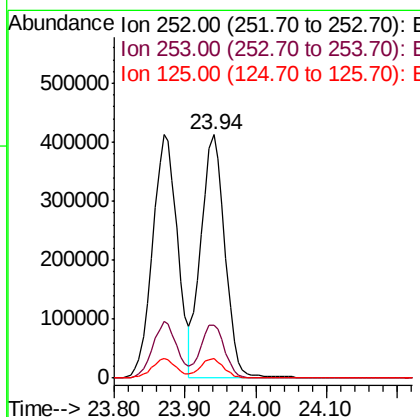
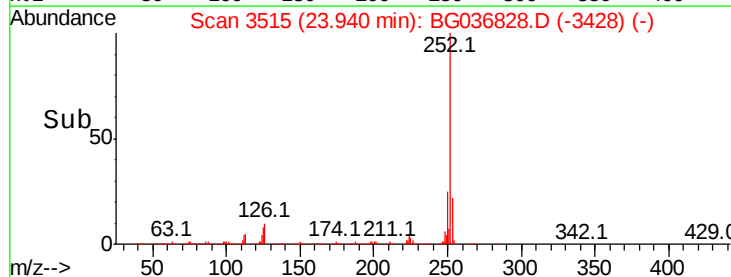
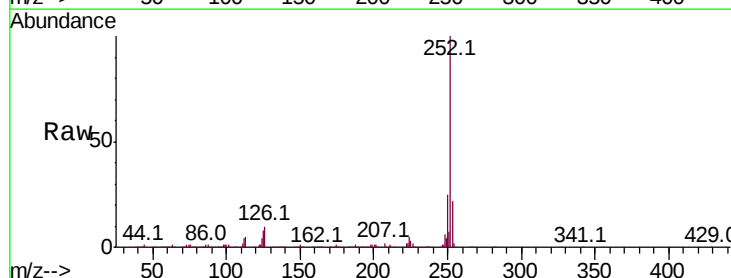
Manual Integrations
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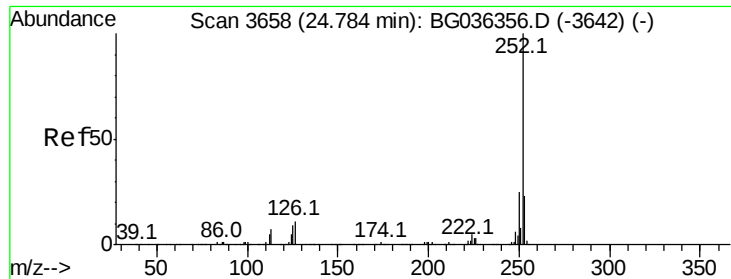
Sohil
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#88
Benzo(k)fluoranthene
Concen: 47.297 ng
RT: 23.94 min Scan# 3515
Delta R.T. -0.02 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
252	100		
253	21.7	18.0	27.0
125	7.9	7.0	10.6





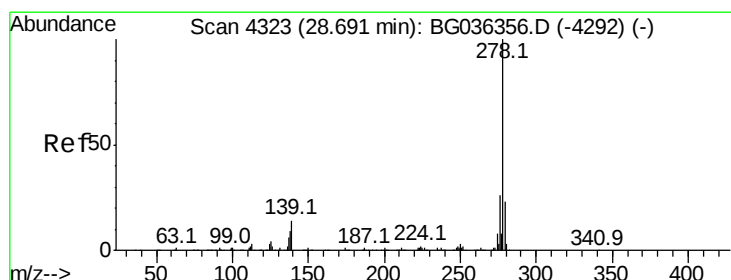
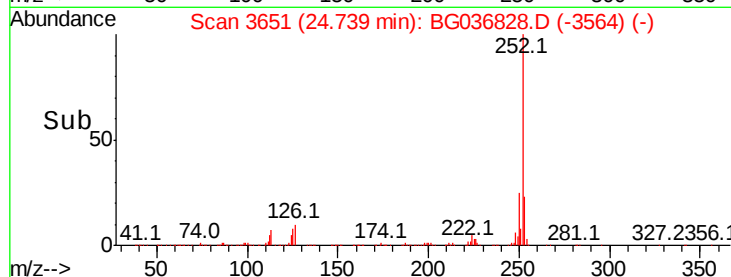
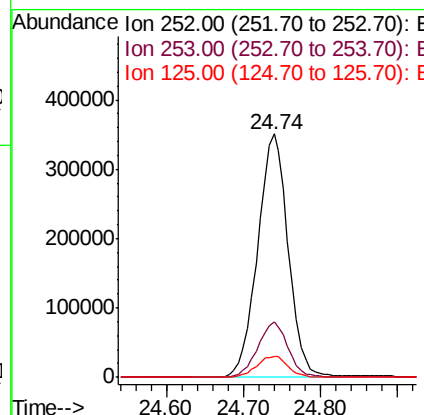
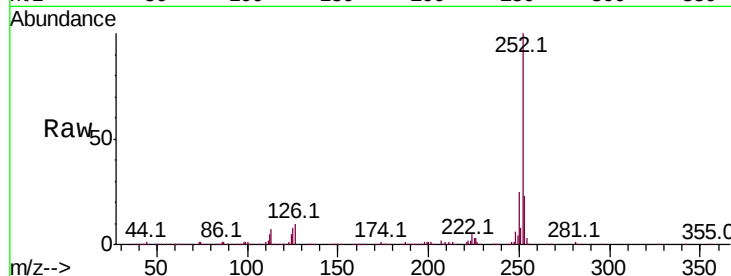
#89
Benzo(a)pyrene
Concen: 48.042 ng
RT: 24.74 min Scan# 3651
Delta R.T. -0.02 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Instrument :
BNA_G
ClientSampleId :
HD-02-091718MSD

Tot Ion	Ratio	Lower	Upper
252	100		
253	22.8	18.2	27.2
125	8.4	7.3	10.9

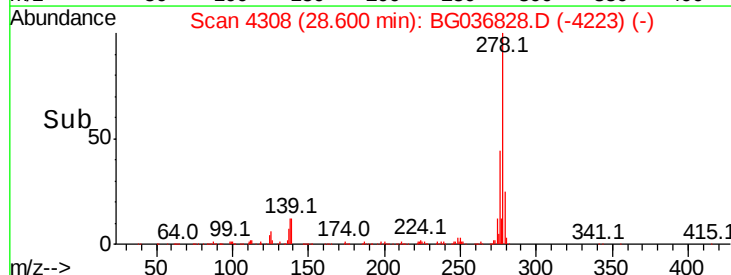
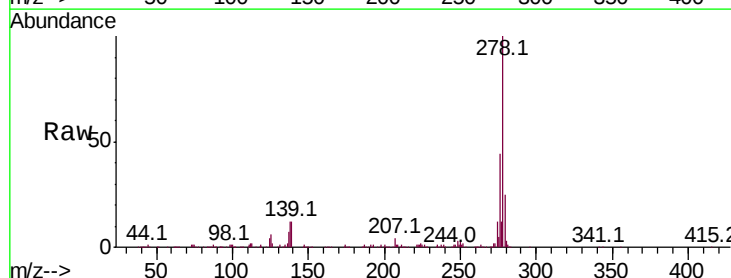
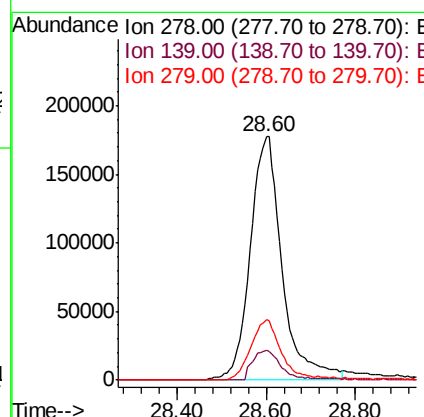
Manual Integrations
APPROVED

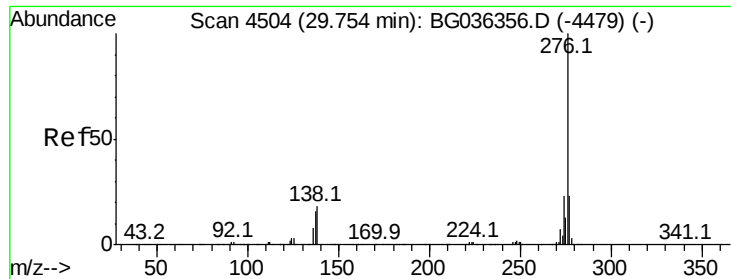
Sohil
9/20/2018 11:46:45 AM



#90
Dibenzo(a,h)anthracene
Concen: 44.727 ng
RT: 28.60 min Scan# 4308
Delta R.T. -0.03 min
Lab File: BG036828.D
Acq: 19 Sep 2018 20:37

Tgt Ion	Ratio	Lower	Upper
278	100		
139	12.4	11.0	16.4
279	24.8	18.7	28.1





#91
 Benzo(a,h,i)perylene
 Concen: 43.983 ng
 RT: 29.67 min Scan# 4491
 Delta R.T. -0.02 min
 Lab File: BG036828.D
 Acq: 19 Sep 2018 20:37

Instrument :
 BNA_G
 ClientSampleId :
 HD-02-091718MSD

Tot Ion	Ratio	Lower	Upper
276	100		
277	23.3	18.4	27.6
138	15.8	14.6	22.0

Manual Integrations
 APPROVED

Sohil
 9/20/2018 11:46:45 AM

